

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056010.D
 Acq On : 5 Jun 2019 15:22
 Operator : JC/SP
 Sample : VN0605WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:04:55 PM

Quant Time: Jun 06 02:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	325152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	490557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	168021	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	151306	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	583172	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	190903	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72897	20.617	ug/l	99
3) Chloromethane	2.06	50	76511	21.707	ug/l	99
4) Vinyl Chloride	2.18	62	79149	22.387	ug/l	100
5) Bromomethane	2.53	94	47344	21.198	ug/l	97
6) Chloroethane	2.68	64	44867	21.887	ug/l	99
7) Trichlorofluoromethane	3.00	101	94120	20.853	ug/l	100
8) Diethyl Ether	3.40	74	40132	21.621	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	57770	21.070	ug/l	100
10) Methyl Iodide	3.94	142	88061	20.211	ug/l	98
11) Tert butyl alcohol	4.81	59	61995	110.345	ug/l	99
12) 1,1-Dichloroethene	3.72	96	59261	21.710	ug/l	95
13) Acrolein	3.60	56	16204	100.003	ug/l	95
14) Allyl chloride	4.31	41	90008	20.883	ug/l	99
15) Acrylonitrile	4.99	53	158061	115.572	ug/l	100
16) Acetone	3.82	43	135951	88.046	ug/l	99
17) Carbon Disulfide	4.04	76	126715	19.388	ug/l	100
18) Methyl Acetate	4.33	43	71876	23.390	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	189381	21.766	ug/l	98
20) Methylene Chloride	4.54	84	67890	21.341	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	61878	21.157	ug/l	95
22) Diisopropyl ether	5.95	45	186442	20.925	ug/l	96
23) Vinyl Acetate	5.90	43	774206	110.341	ug/l	99
24) 1,1-Dichloroethane	5.84	63	108886	21.186	ug/l	100
25) 2-Butanone	6.84	43	208296	106.769	ug/l	100
26) 2,2-Dichloropropane	6.82	77	71747	17.890	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	73625	21.416	ug/l	95
28) Bromochloromethane	7.19	49	48536	19.970	ug/l	97
29) Tetrahydrofuran	7.22	42	139261	115.480	ug/l	98
30) Chloroform	7.37	83	109665	21.211	ug/l	99
31) Cyclohexane	7.65	56	104602	20.418	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	91493	21.192	ug/l	99
36) 1,1-Dichloropropene	7.79	75	82899	19.653	ug/l	99
37) Ethyl Acetate	6.93	43	84247	22.447	ug/l	100
38) Carbon Tetrachloride	7.77	117	76029	19.550	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Jun 06 02:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	101169	19.254	ug/l	98
40) Benzene	8.04	78	263249	20.548	ug/l	99
41) Methacrylonitrile	7.17	41	38698	22.410	ug/l	97
42) 1,2-Dichloroethane	8.12	62	82505	20.021	ug/l	99
43) Isopropyl Acetate	8.17	43	131083	21.553	ug/l #	92
44) Trichloroethene	8.83	130	73513	19.969	ug/l	99
45) 1,2-Dichloropropane	9.12	63	67718	20.636	ug/l	99
46) Dibromomethane	9.21	93	44728	20.844	ug/l	98
47) Bromodichloromethane	9.40	83	78314	20.136	ug/l	98
48) Methyl methacrylate	9.20	41	64271	21.601	ug/l	95
49) 1,4-Dioxane	9.20	88	28945	450.613	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	408715	107.465	ug/l	99
52) Toluene	10.15	92	168750	21.168	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	80547	19.215	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	96203	20.579	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	66666	21.111	ug/l	98
56) Ethyl methacrylate	10.43	69	99672	21.635	ug/l	96
57) 1,3-Dichloropropane	10.71	76	107814	21.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	174254	104.598	ug/l	99
59) 2-Hexanone	10.75	43	291203	105.642	ug/l	98
60) Dibromochloromethane	10.90	129	62140	19.419	ug/l	100
61) 1,2-Dibromoethane	11.00	107	68413	21.192	ug/l	98
64) Tetrachloroethene	10.63	164	75457	20.130	ug/l	99
65) Chlorobenzene	11.43	112	175743	20.391	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	62101	20.868	ug/l	99
67) Ethyl Benzene	11.51	91	305615	20.393	ug/l	99
68) m/p-Xylenes	11.62	106	236317	41.279	ug/l	98
69) o-Xylene	11.95	106	117070	20.789	ug/l	98
70) Styrene	11.96	104	185160	20.694	ug/l	99
71) Bromoform	12.13	173	42855	18.954	ug/l #	100
73) Isopropylbenzene	12.25	105	302256	22.360	ug/l	100
74) N-amyl acetate	12.07	43	105791	22.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	91167	21.948	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	79000m	23.994	ug/l	
77) Bromobenzene	12.53	156	81738	21.336	ug/l	94
78) n-propylbenzene	12.59	91	312653	20.654	ug/l	99
79) 2-Chlorotoluene	12.67	91	193295	21.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	244587	20.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19731	19.957	ug/l #	86
82) 4-Chlorotoluene	12.77	91	181557	20.501	ug/l	99
83) tert-Butylbenzene	12.99	119	217927	21.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	238879	20.938	ug/l	100
85) sec-Butylbenzene	13.17	105	273190	20.379	ug/l	100
86) p-Isopropyltoluene	13.29	119	244421	20.372	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	121902	20.560	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	114367	20.052	ug/l	99
89) n-Butylbenzene	13.61	91	169456	19.066	ug/l	100
90) Hexachloroethane	13.87	117	35579	19.664	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	123215	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13601	22.893	ug/l	100

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Misc : 5.00mL/MSVOA N/WATER
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ClientSampleId :
VN0605WBSD01

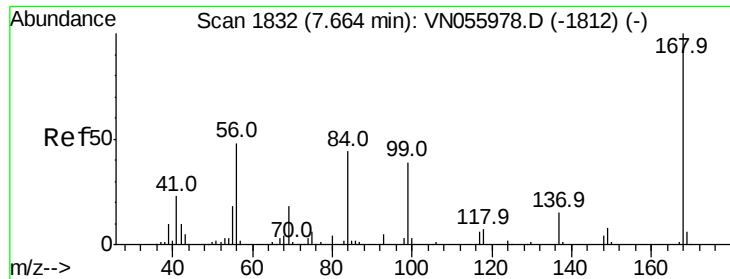
Manual Integrations
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Quant Time: Jun 06 02:04:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49380	17.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	43508	19.938	ug/l	99
95) Naphthalene	15.13	128	145384	19.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57348	19.056	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion:168 Resp: 325152

Ion Ratio Lower Upper

168 100

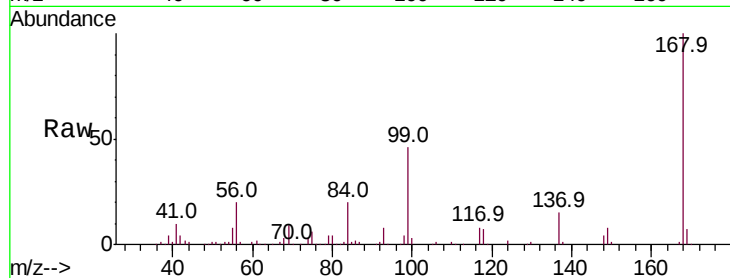
99 45.4 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

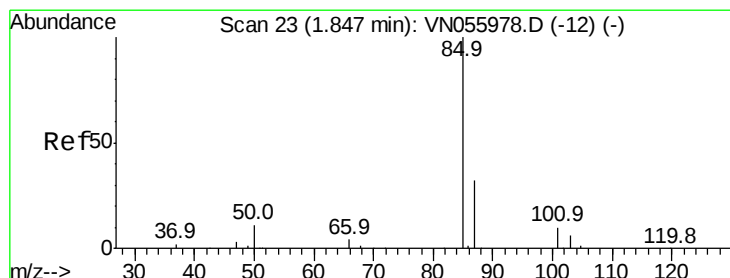
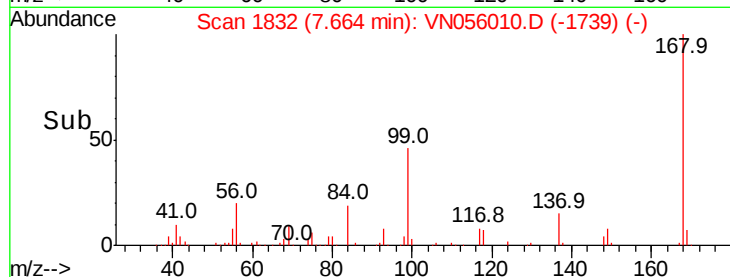
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.617 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056010.D

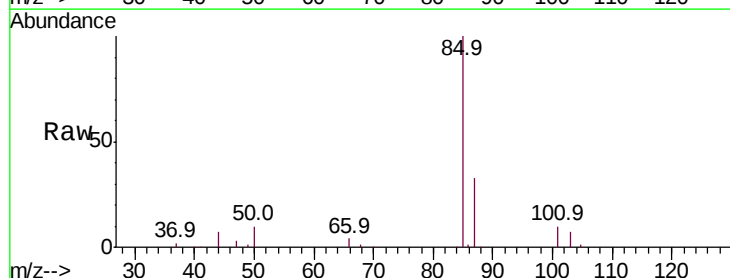
Acq: 5 Jun 2019 15:22

Tgt Ion: 85 Resp: 72897

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

50000

40000

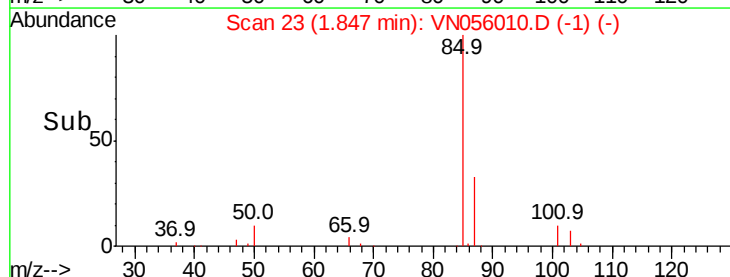
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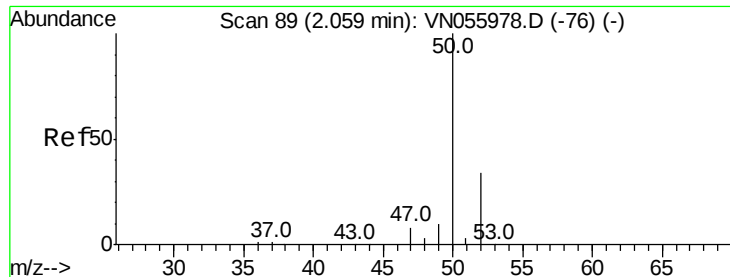
20000

10000

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Time-->





#3

Chloromethane

Concen: 21.707 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion: 50 Resp: 76511

Ion Ratio Lower Upper

50 100

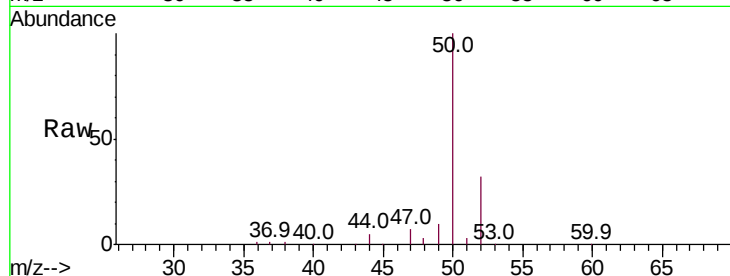
52 32.5 26.6 40.0

Manual Integrations

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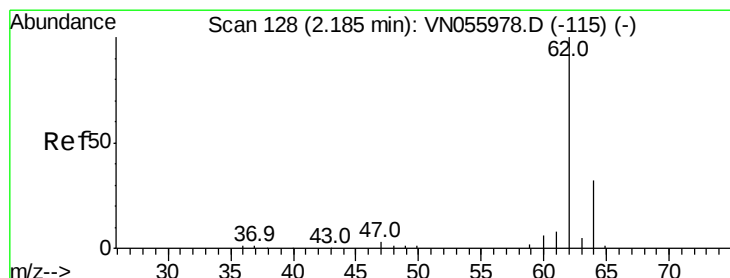
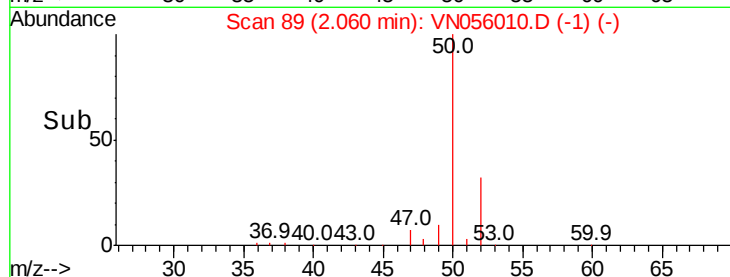
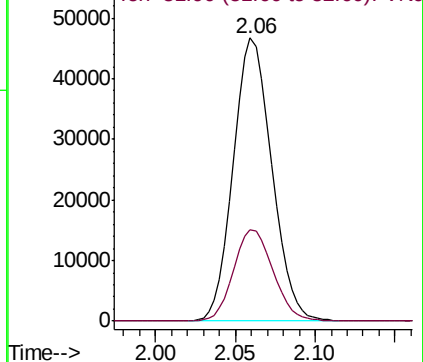
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 22.387 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056010.D

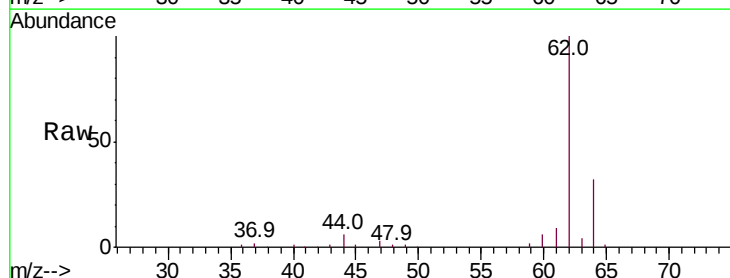
Acq: 5 Jun 2019 15:22

Tgt Ion: 62 Resp: 79149

Ion Ratio Lower Upper

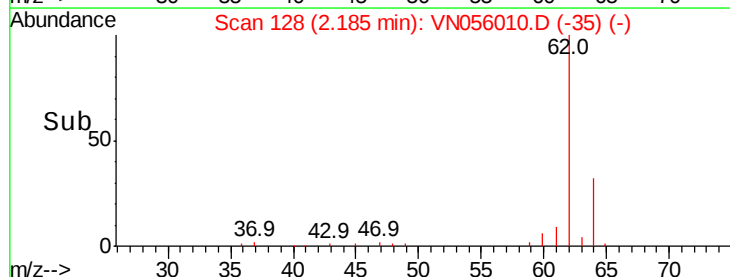
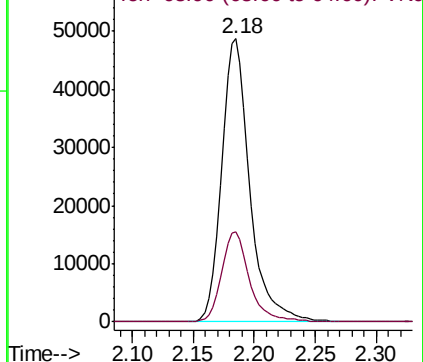
62 100

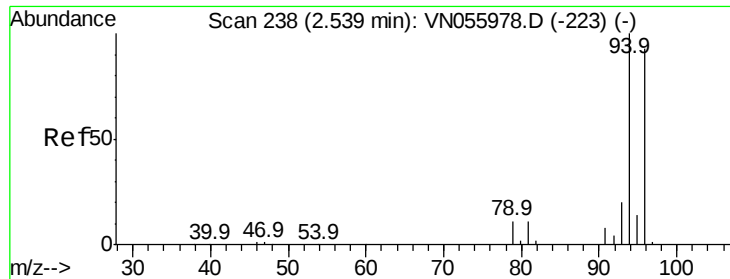
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





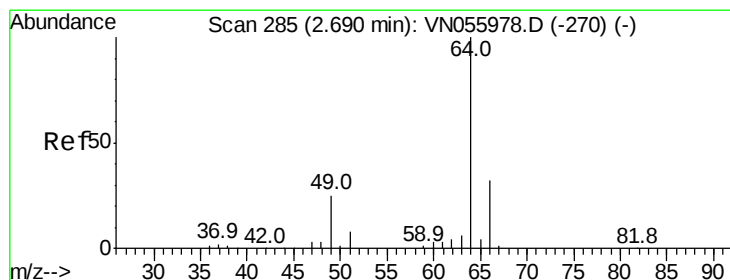
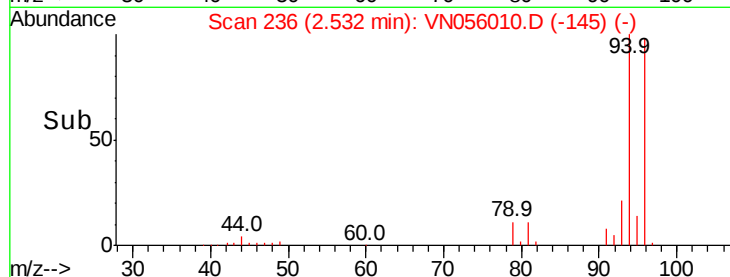
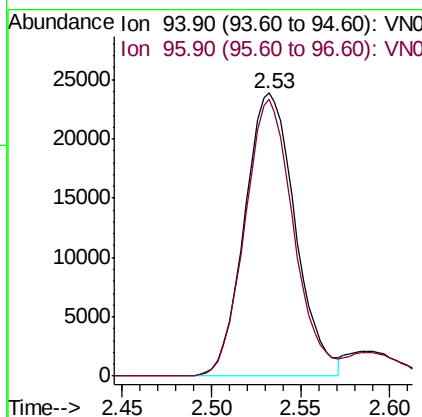
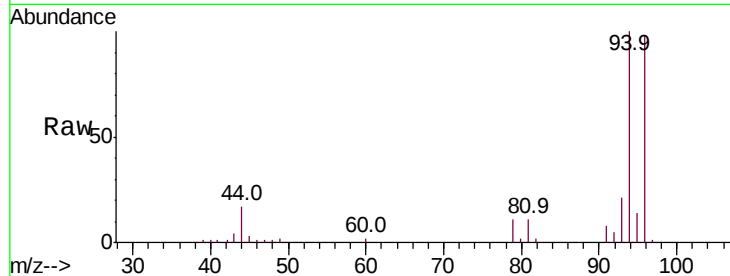
#5
Bromomethane
Concen: 21.198 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.01 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 94 Resp: 47344
Ion Ratio Lower Upper
94 100
96 97.7 75.5 113.3

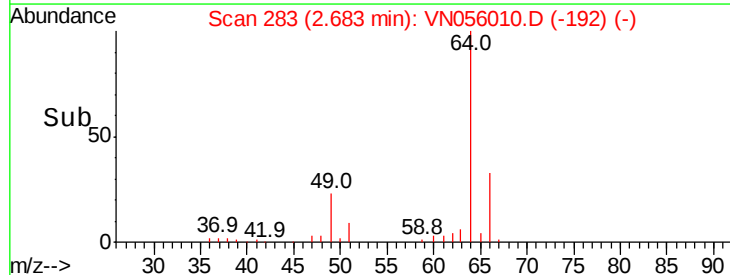
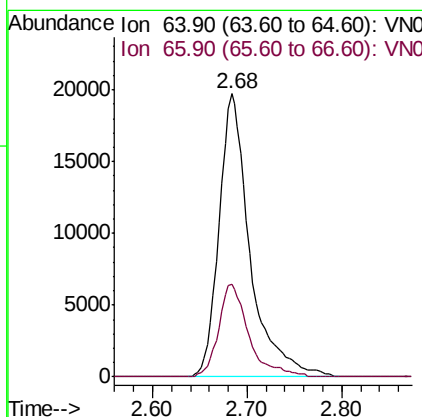
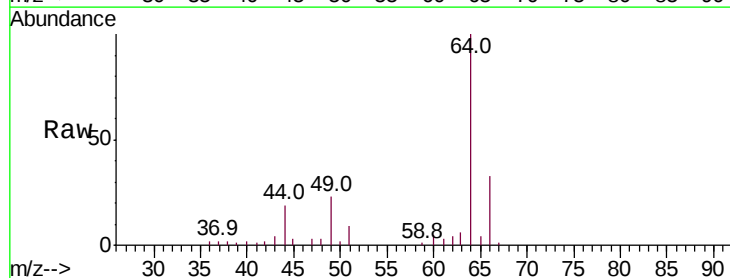
Manual Integrations
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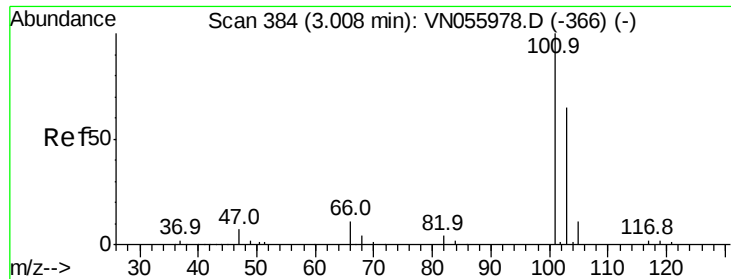
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#6
Chloroethane
Concen: 21.887 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 64 Resp: 44867
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7

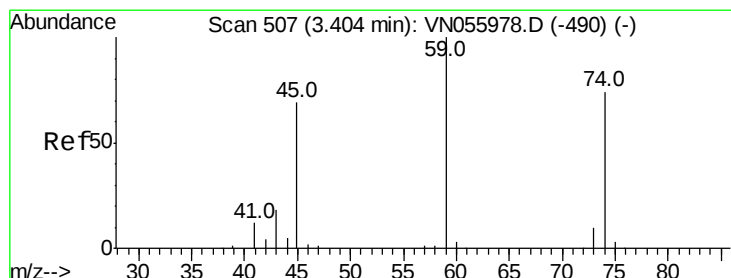
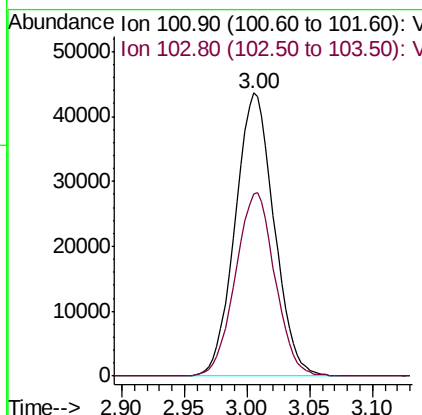
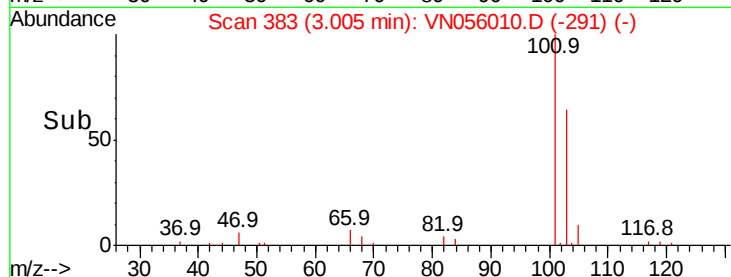
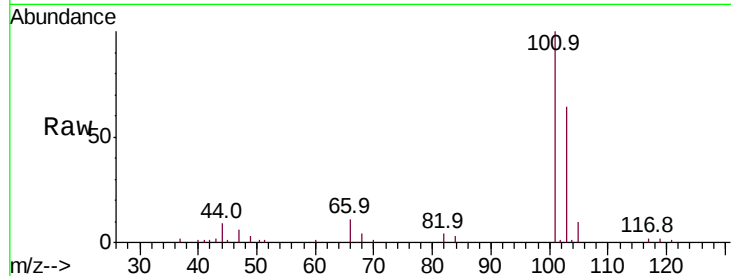
Trichlorofluoromethane
Concen: 20.853 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion:101 Resp: 94120
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

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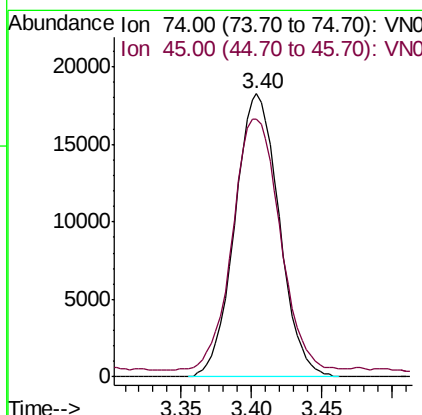
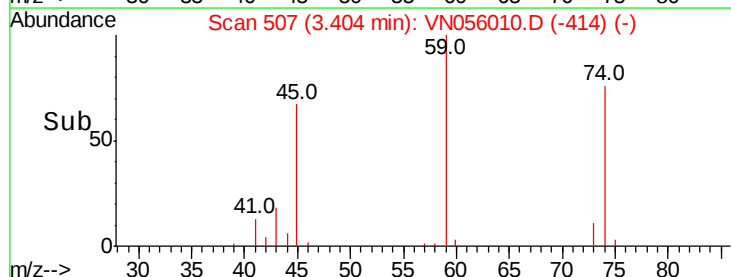
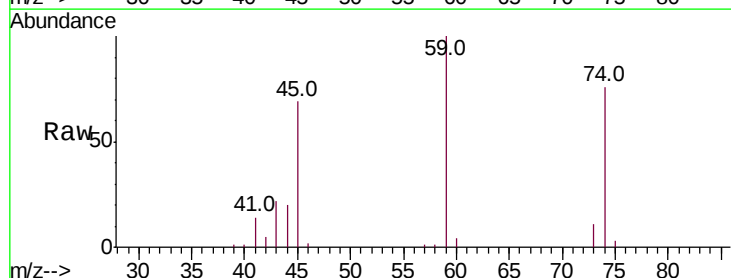
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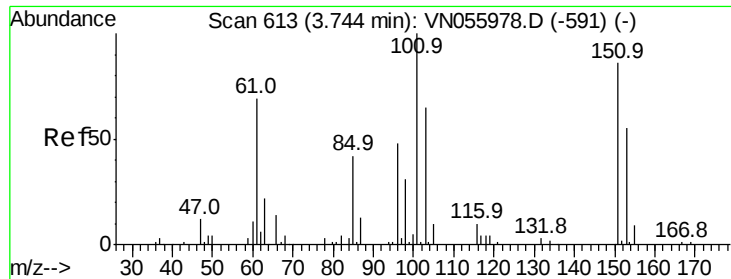


#8

Diethyl Ether
Concen: 21.621 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 74 Resp: 40132
Ion Ratio Lower Upper
74 100
45 93.2 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.070 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion:101 Resp: 57770

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

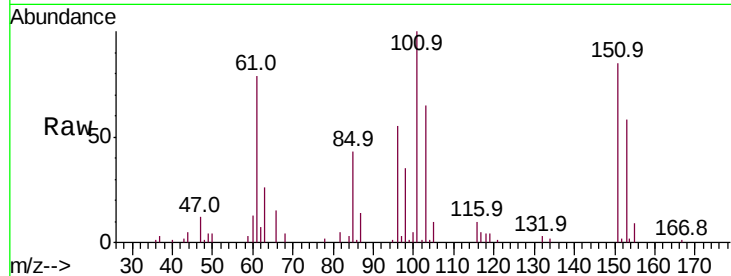
151 86.7 69.4 104.2

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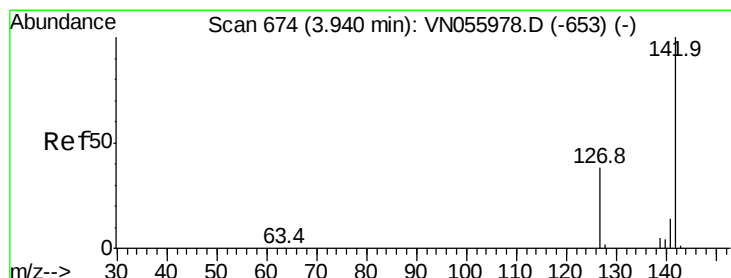
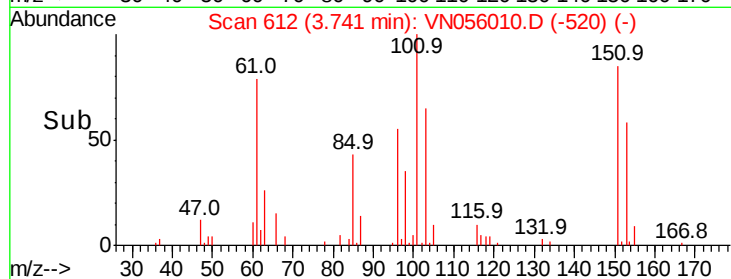
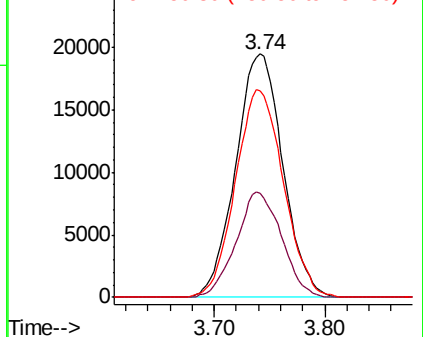


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.211 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

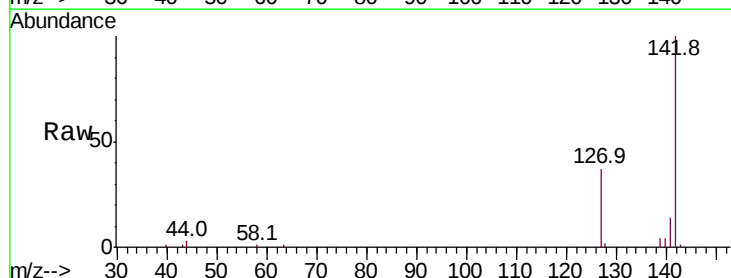
Tgt Ion:142 Resp: 88061

Ion Ratio Lower Upper

142 100

127 37.3 31.0 46.4

141 14.0 11.4 17.0

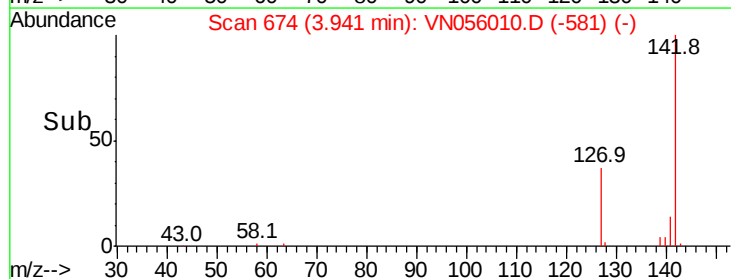
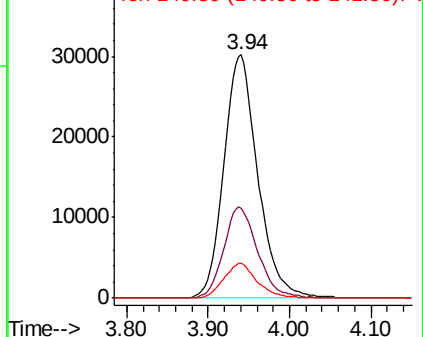


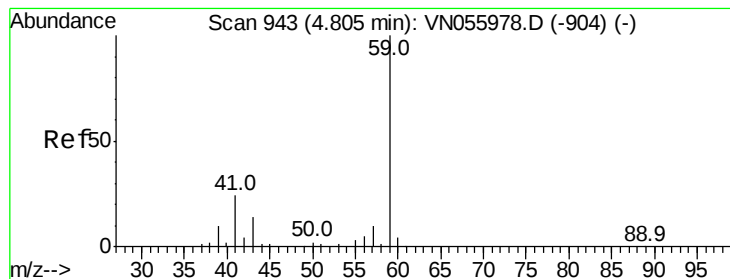
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

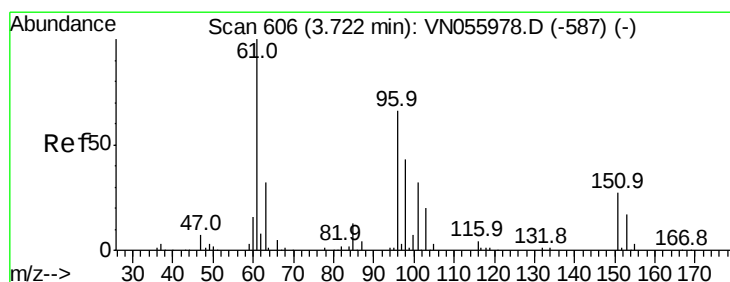
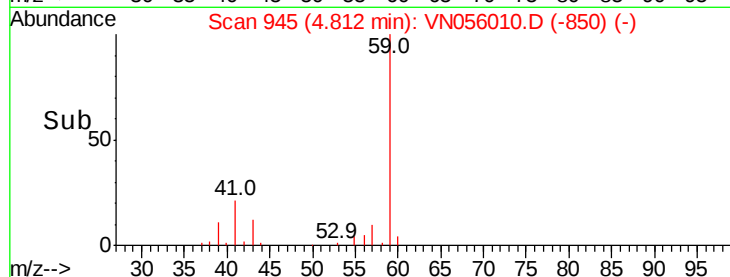
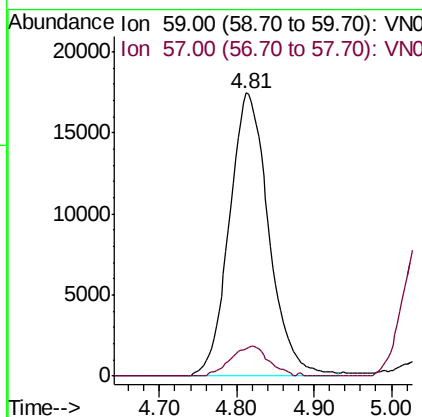
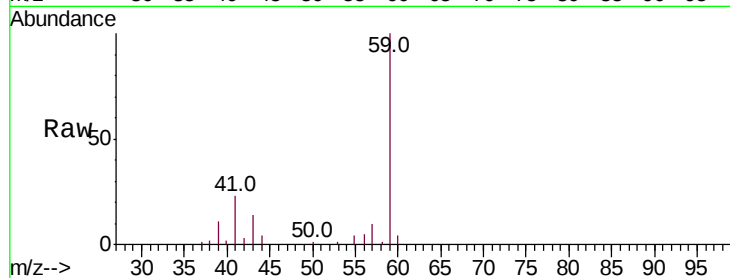
Tert butyl alcohol
Concen: 110.345 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.01 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

Manual Integrations
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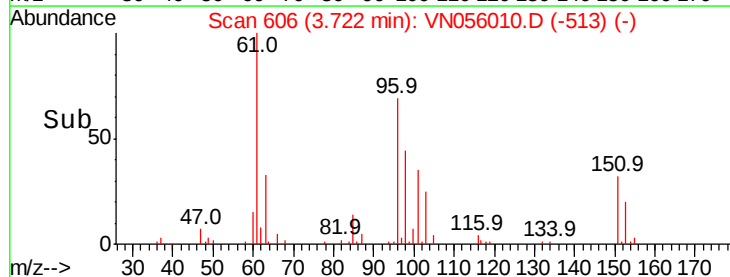
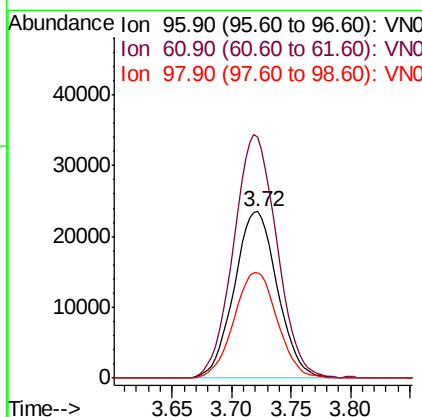
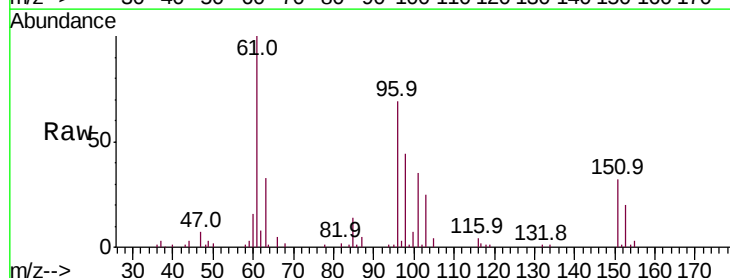
MMDadoda
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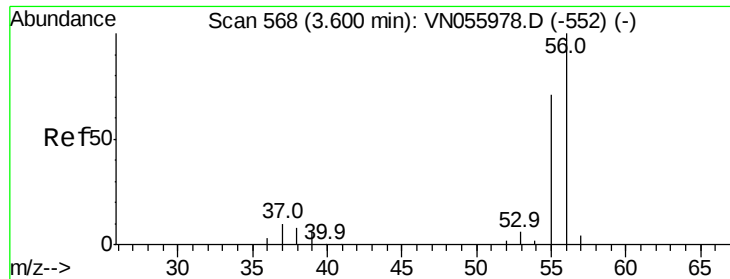


#12

1,1-Dichloroethene
Concen: 21.710 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	123.2	184.8
98	63.4	50.4	75.6





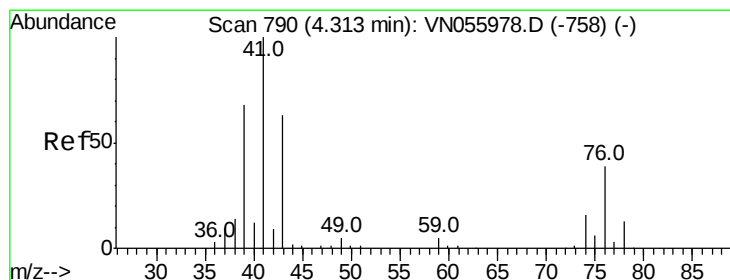
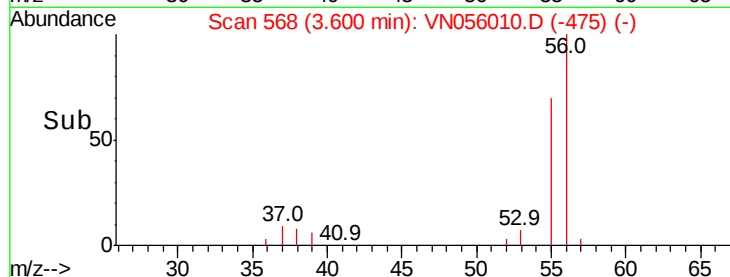
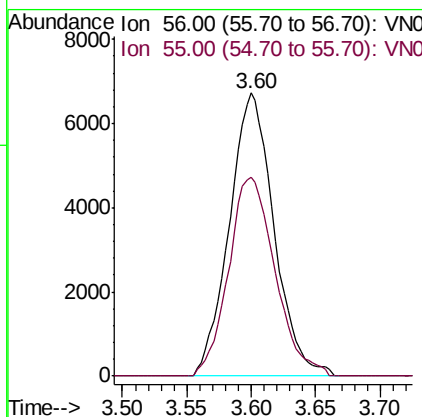
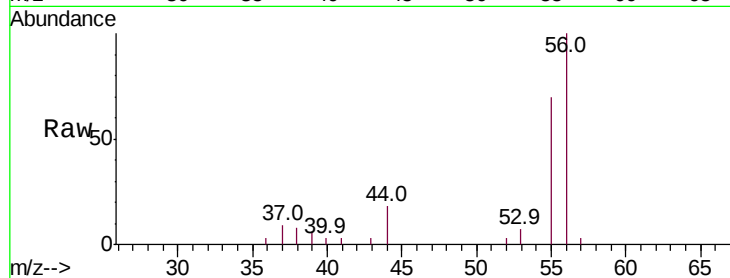
#13
Acrolein
Concen: 100.003 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 56 Resp: 16204
Ion Ratio Lower Upper
56 100
55 73.2 55.4 83.2

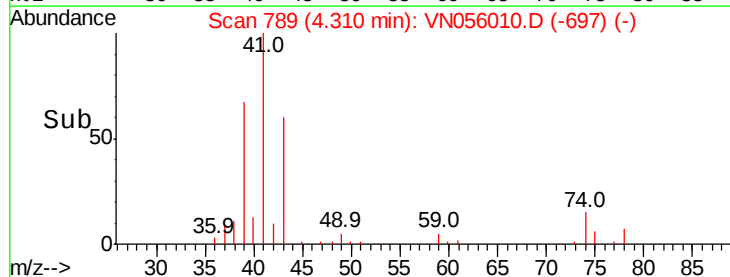
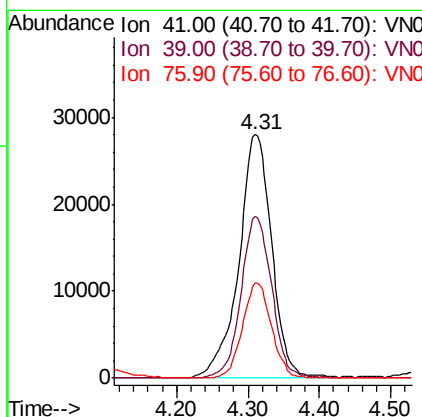
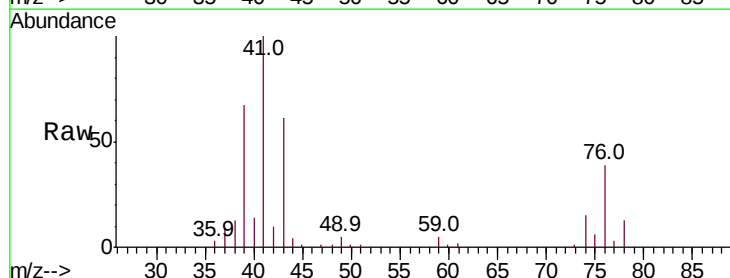
Manual Integrations
APPROVED

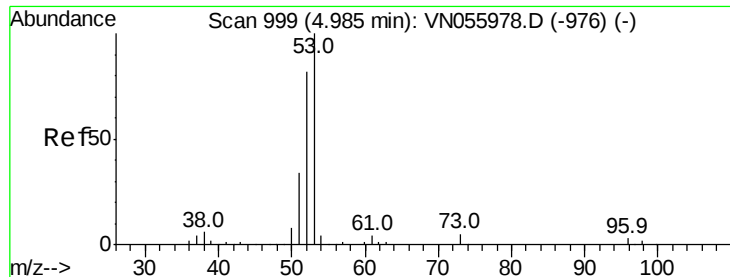
MMDadoda
6/6/2019 12:04:55 PM



#14
Allyl chloride
Concen: 20.883 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 41 Resp: 90008
Ion Ratio Lower Upper
41 100
39 61.9 50.0 75.0
76 34.2 28.2 42.2





#15

Acrylonitrile

Concen: 115.572 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

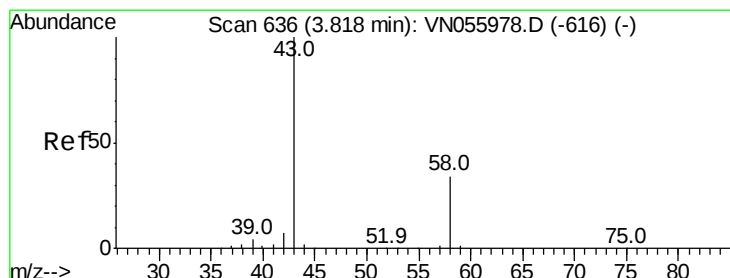
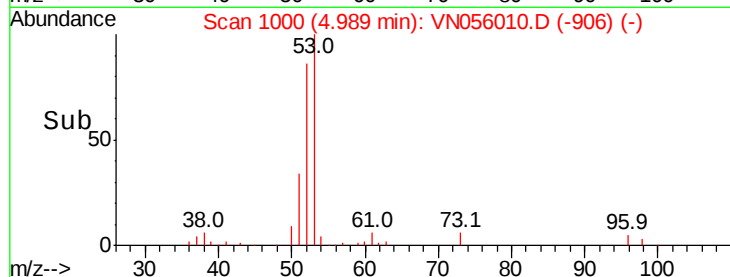
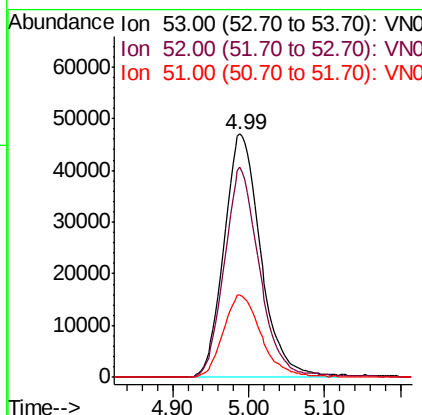
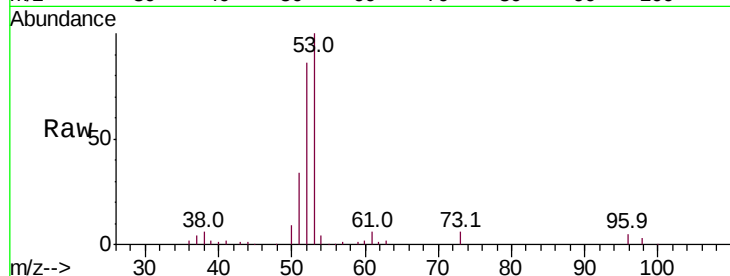
ClientSampleId :

VN0605WBSD01

Tot Ion:	53	Resp:	158061
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.8	98.8
51	35.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 88.046 ug/l

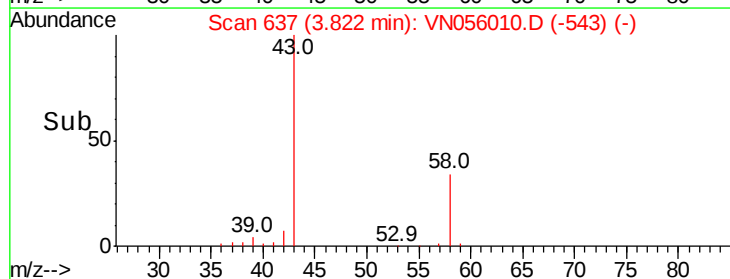
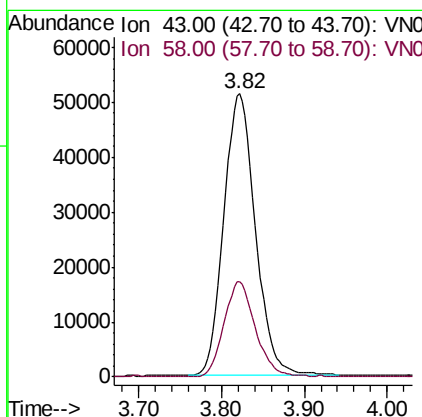
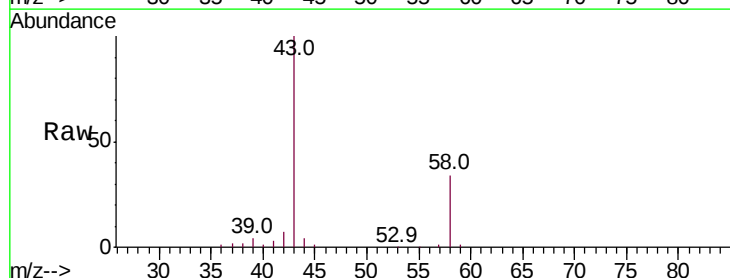
RT: 3.82 min Scan# 637

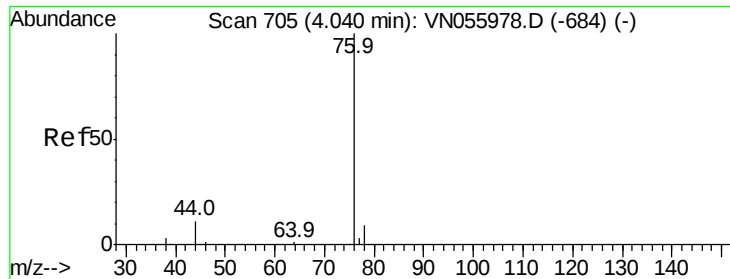
Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion:	43	Resp:	135951
Ion Ratio	Lower	Upper	
43	100		
58	34.0	26.6	39.8





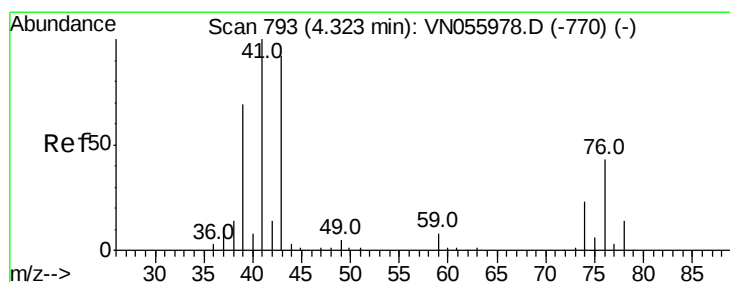
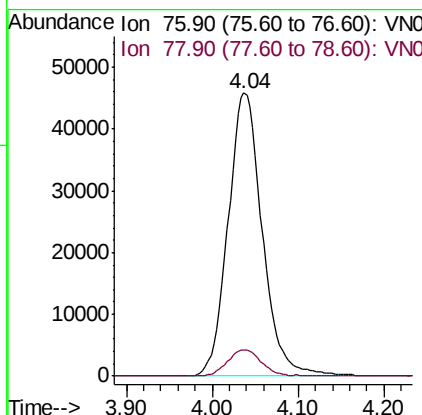
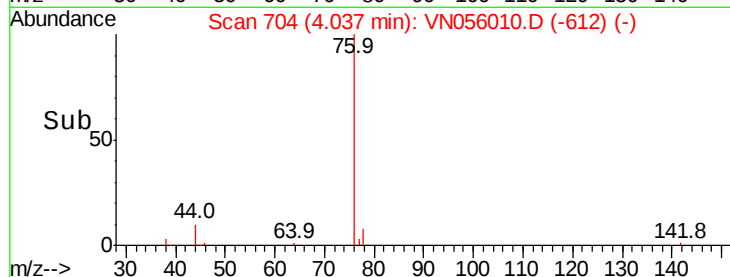
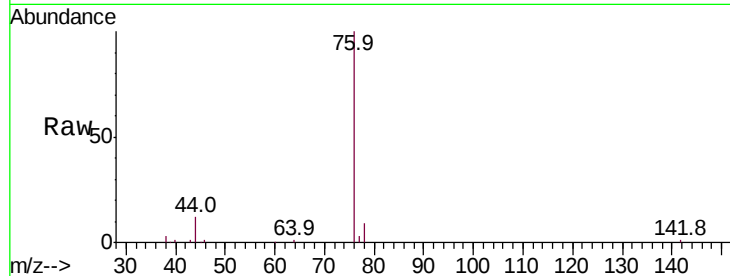
#17
Carbon Disulfide
Concen: 19.388 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

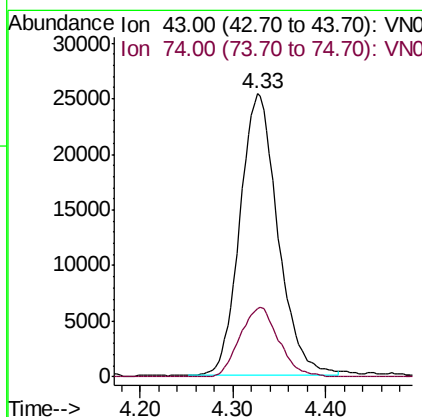
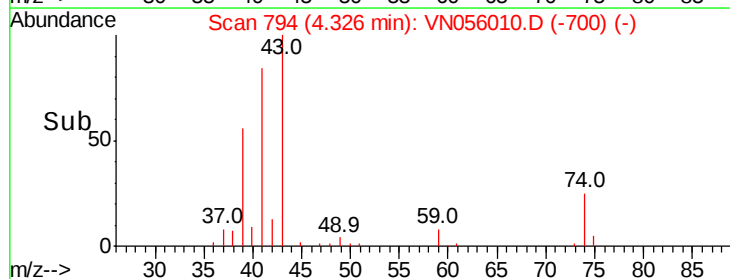
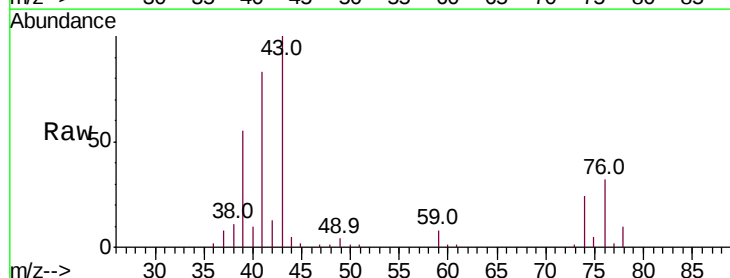
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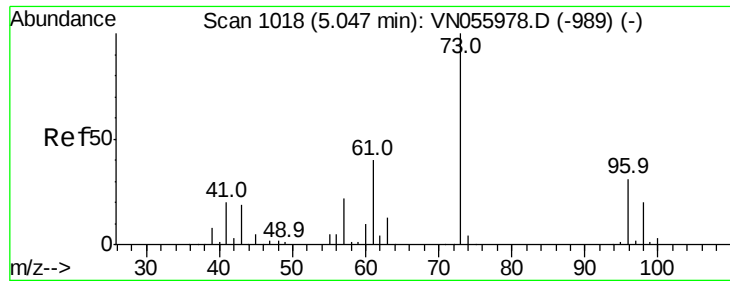
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#18
Methyl Acetate
Concen: 23.390 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.3	28.9





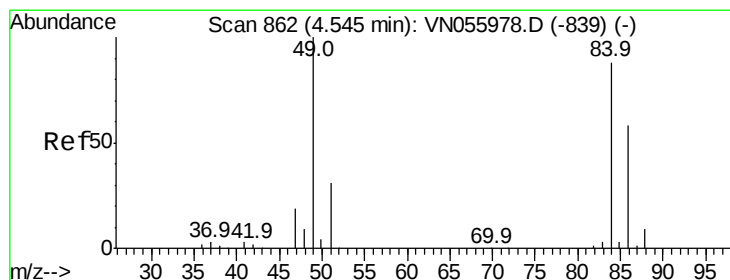
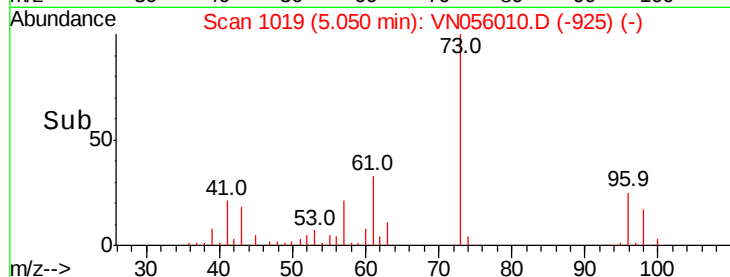
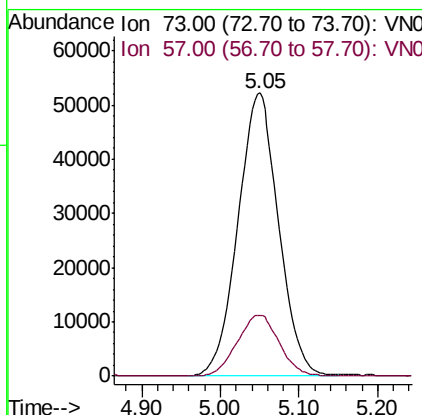
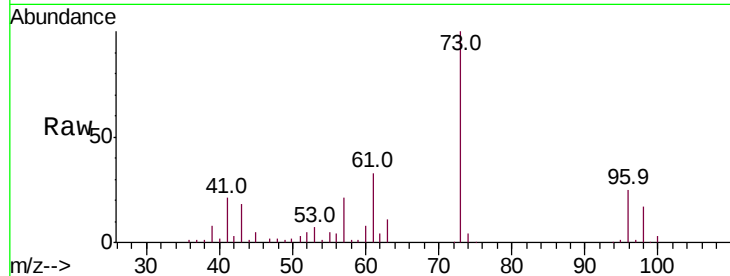
#19
Methvl tert-butvl Ether
Concen: 21.766 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 73 Resp: 189381
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

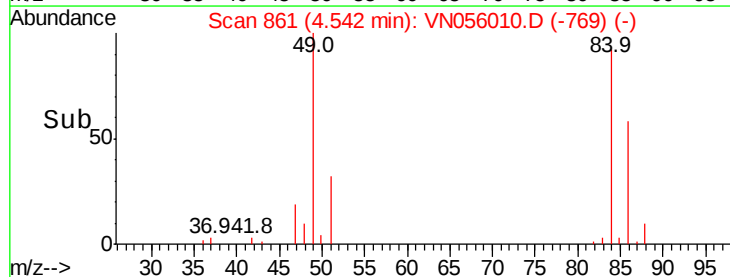
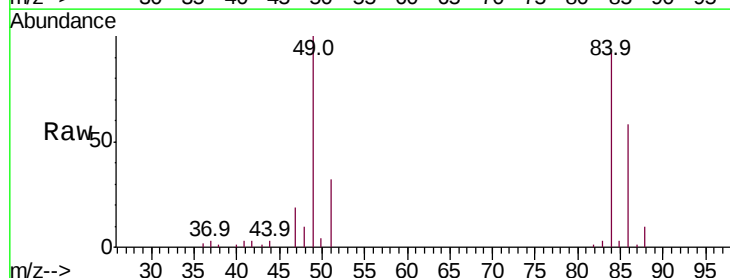
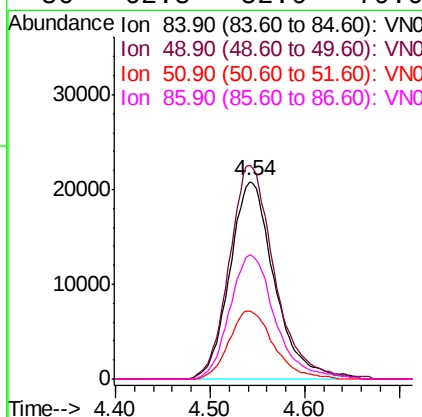
Manual Integrations
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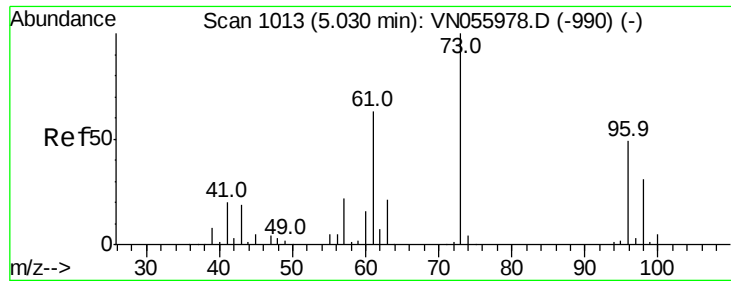
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#20
Methylene Chloride
Concen: 21.341 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 84 Resp: 67890
Ion Ratio Lower Upper
84 100
49 108.3 93.5 140.3
51 34.4 28.6 43.0
86 62.8 52.6 79.0





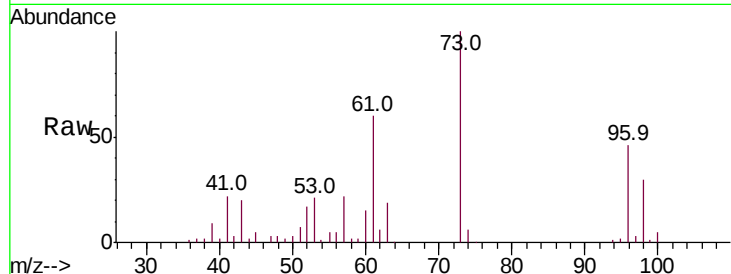
#21
trans-1,2-Dichloroethene
Concen: 21.157 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

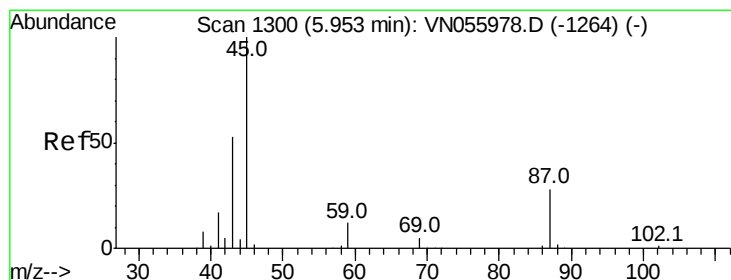
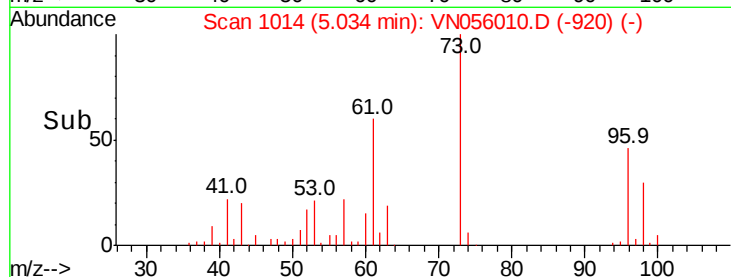
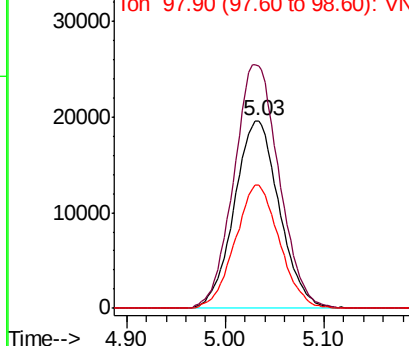
Tot Ion: 96 Resp: 61878
Ion Ratio Lower Upper
96 100
61 129.3 107.8 161.8
98 66.1 49.8 74.8

Manual Integrations
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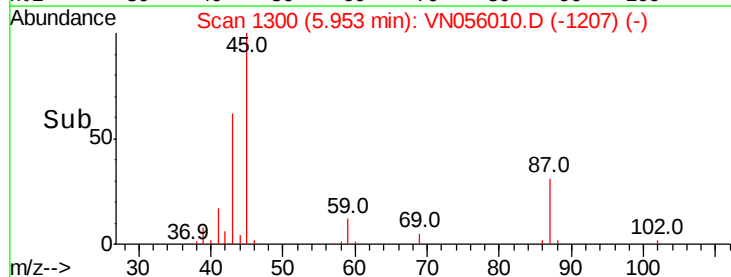
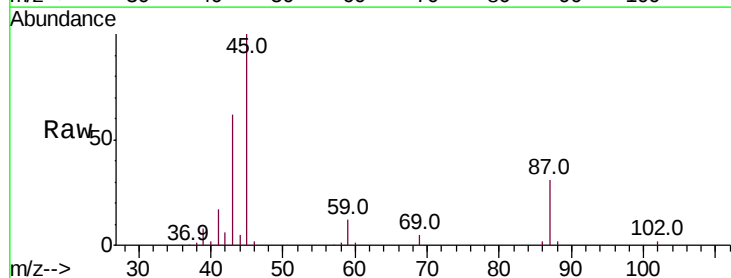
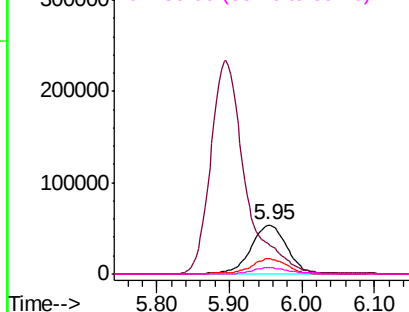
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

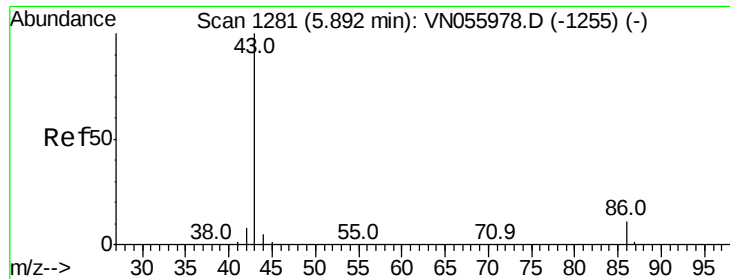


#22
Diisopropyl ether
Concen: 20.925 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 45 Resp: 186442
Ion Ratio Lower Upper
45 100
43 59.4 45.0 67.6
87 30.5 22.2 33.4
59 11.7 9.1 13.7

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 110.341 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleID :

VN0605WBSD01

Tot Ion: 43 Resp: 774206

Ion Ratio Lower Upper

43 100

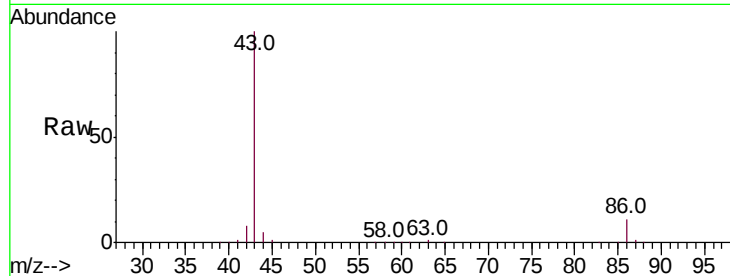
86 11.4 8.6 13.0

Manual Integrations

APPROVED

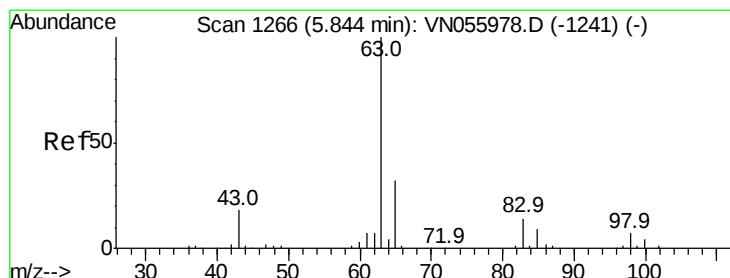
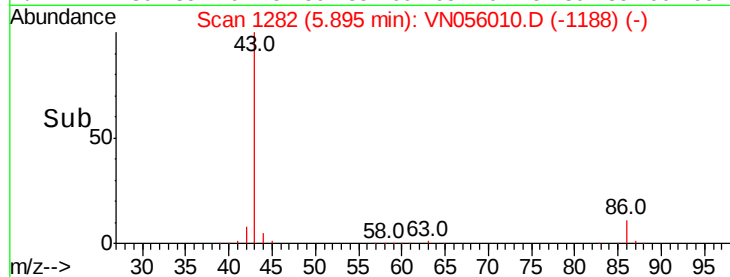
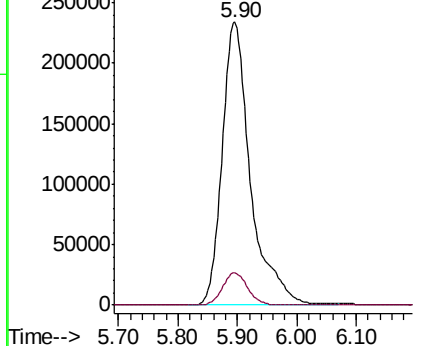
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.186 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

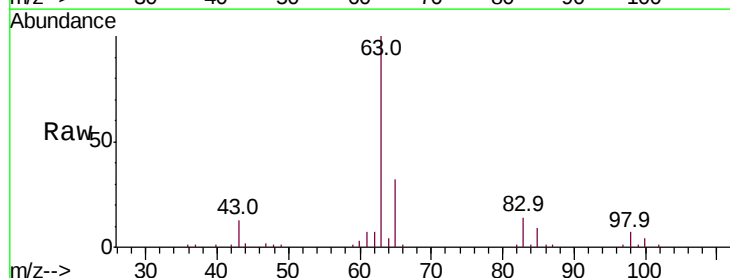
Tgt Ion: 63 Resp: 108886

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

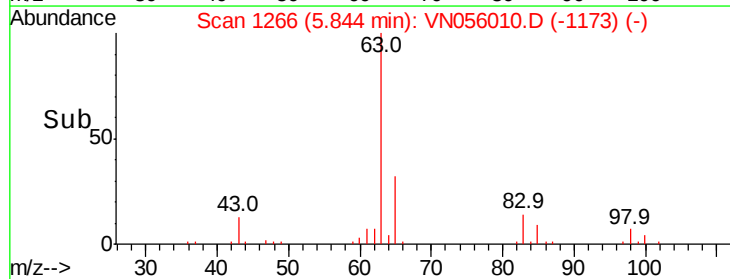
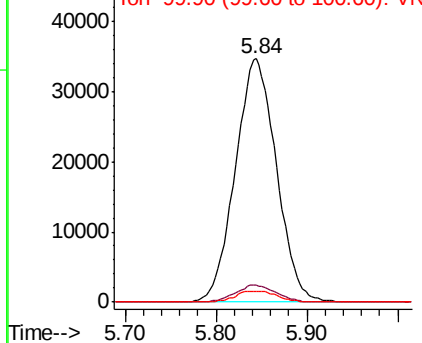
100 4.2 2.2 6.6

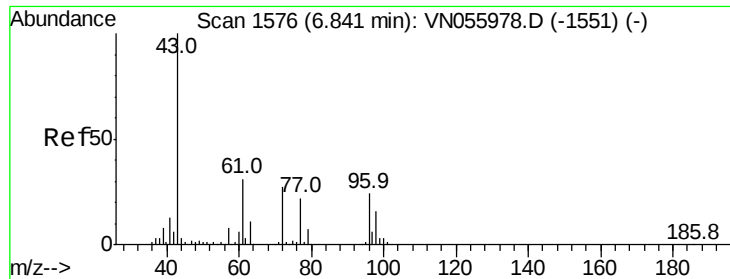


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





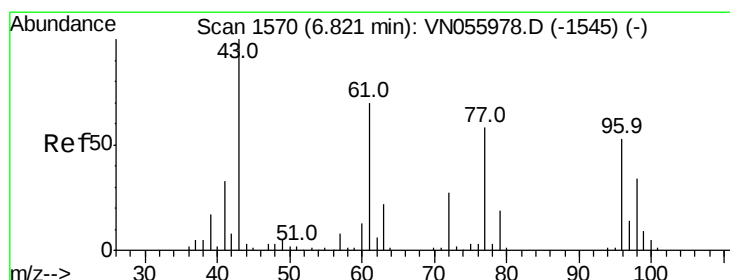
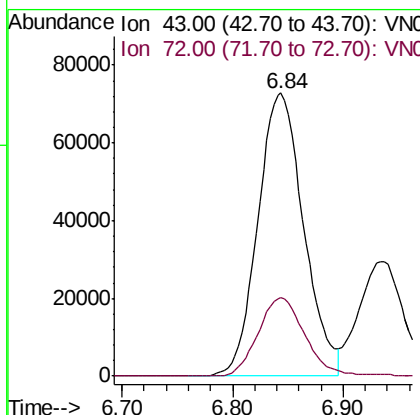
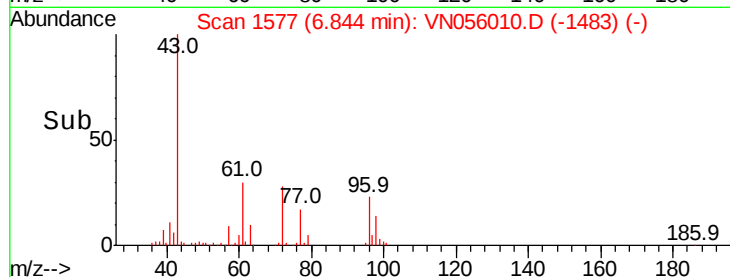
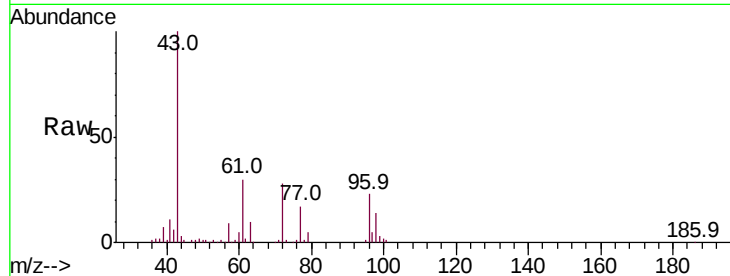
#25
2-Butanone
Concen: 106.769 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 43 Resp: 208296
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9

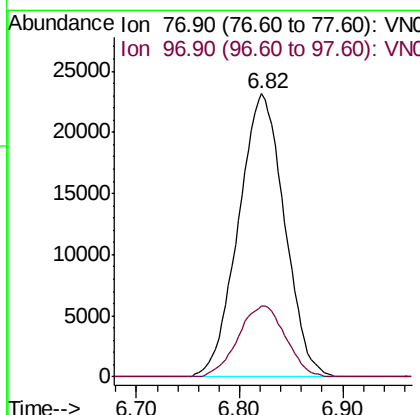
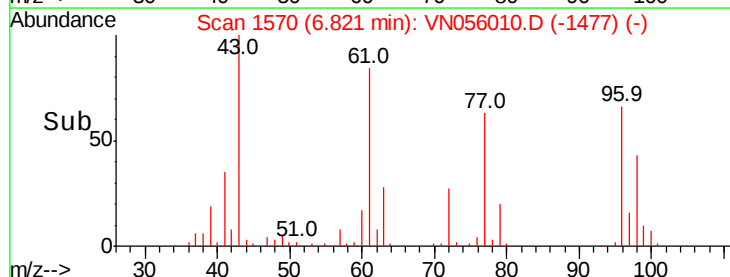
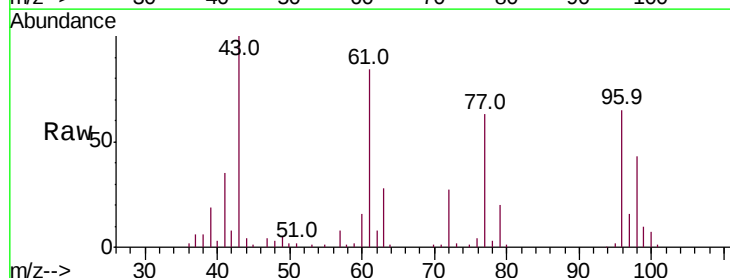
Manual Integrations
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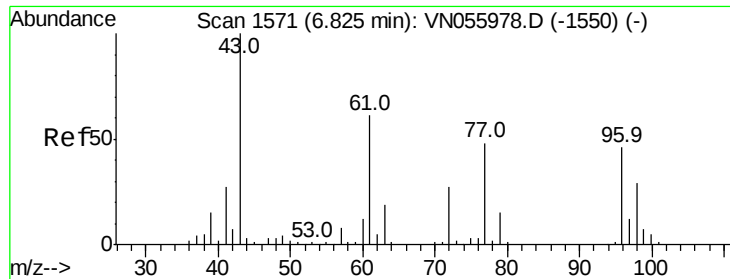
MMDadoda
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#26
2,2-Dichloropropane
Concen: 17.890 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 77 Resp: 71747
Ion Ratio Lower Upper
77 100
97 25.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 21.416 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion: 96 Resp: 73625

Ion Ratio Lower Upper

96 100

61 129.2 0.0 275.8

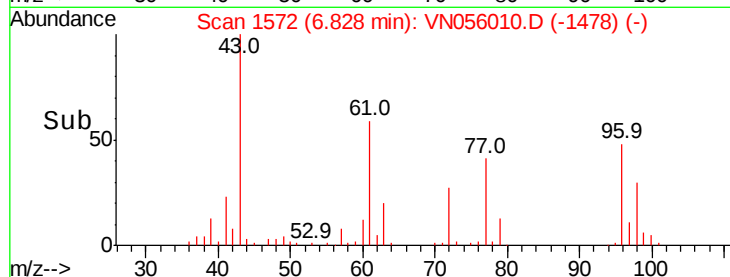
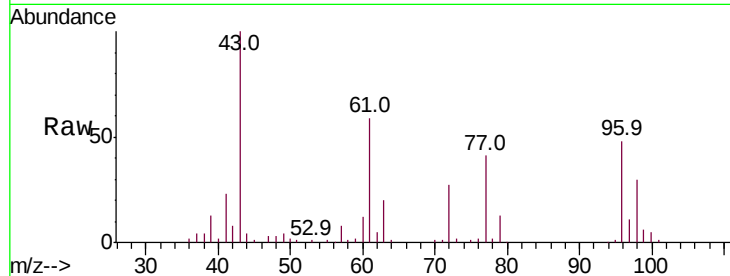
98 63.3 0.0 128.4

Manual Integrations

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MMDadoda

6/6/2019 12:04:55 PM

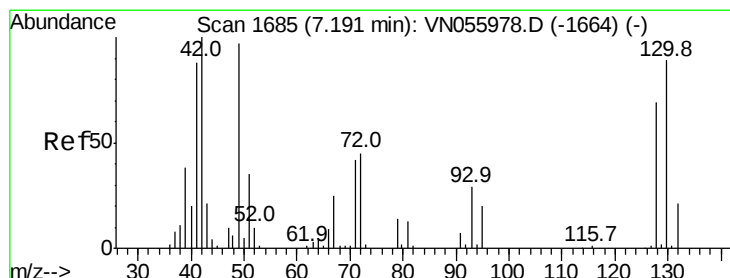
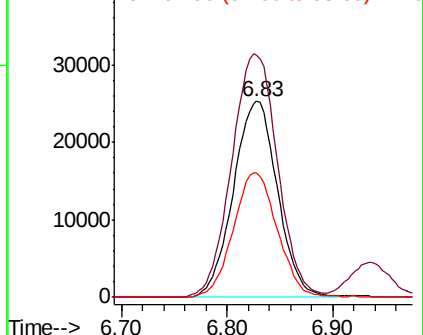


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.970 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

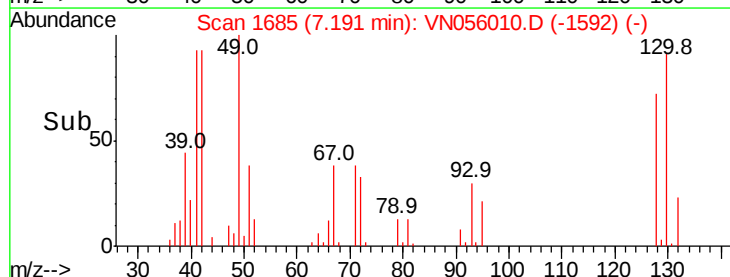
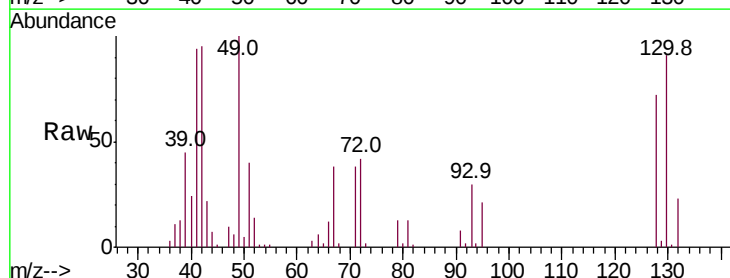
Tgt Ion: 49 Resp: 48536

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 92.1 71.2 106.8

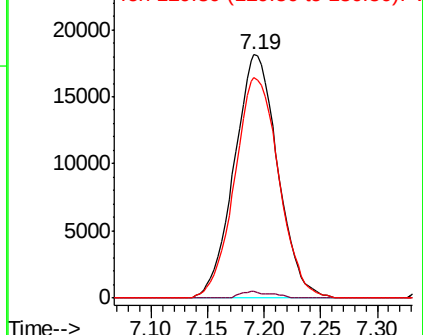


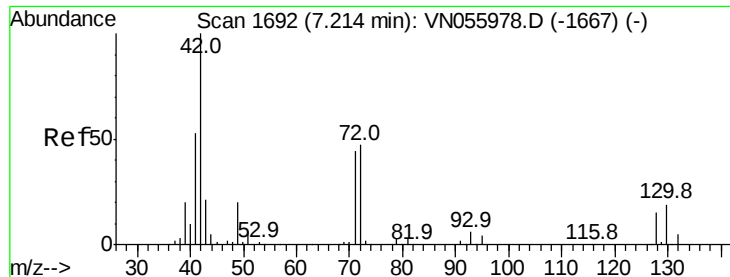
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





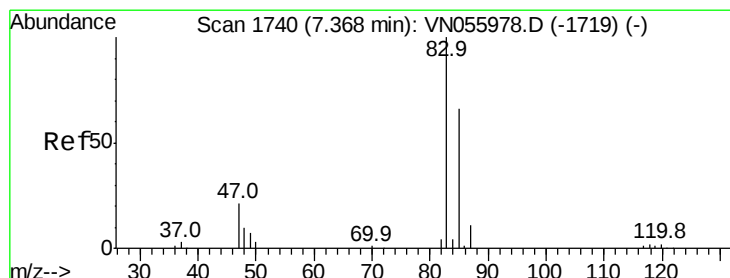
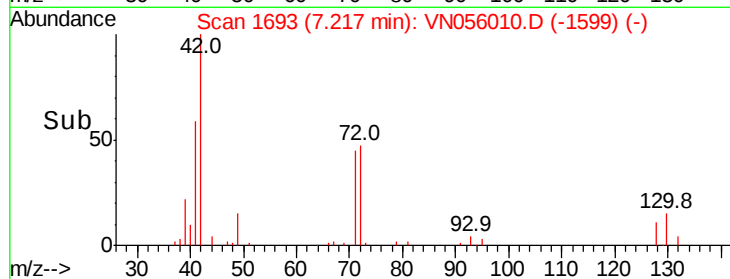
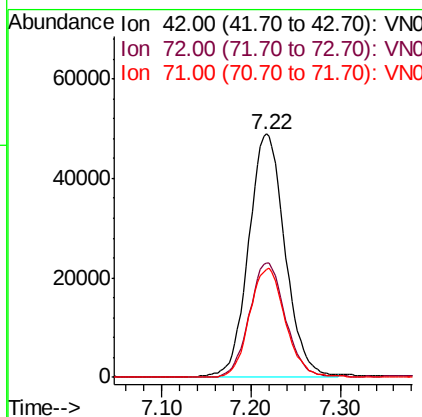
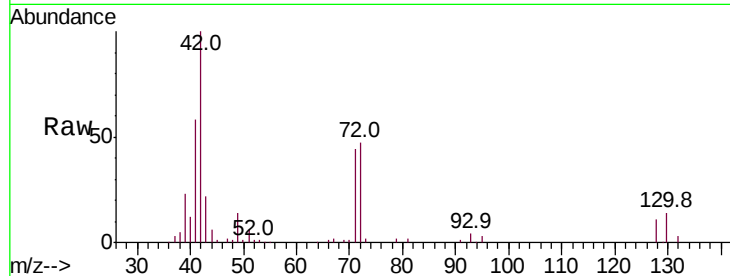
#29
Tetrahydrofuran
Concen: 115.480 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	35.9	53.9
71	44.1	34.0	51.0

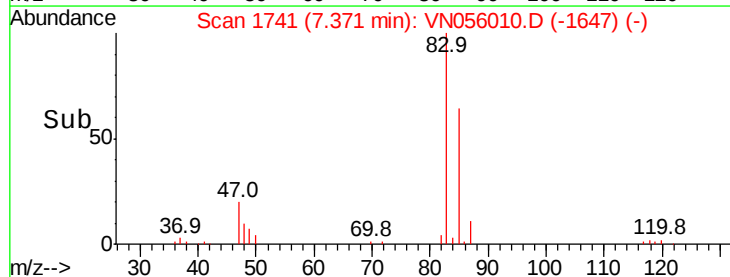
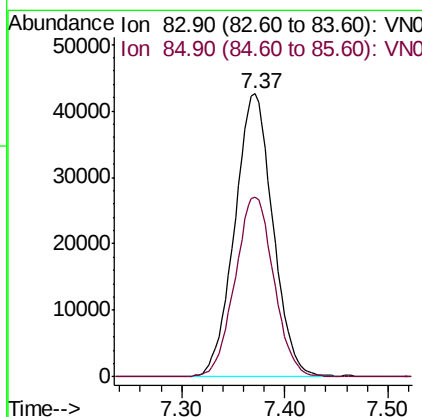
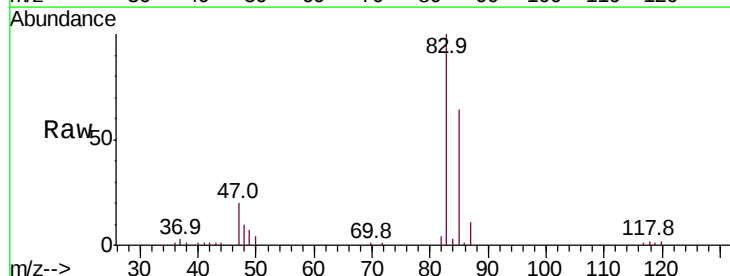
Manual Integrations
APPROVED

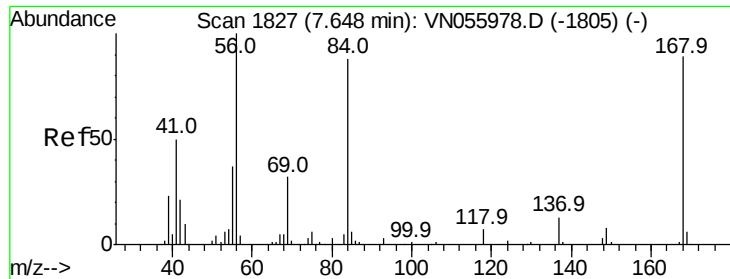
MMDadoda
6/6/2019 12:04:55 PM



#30
Chloroform
Concen: 21.211 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8





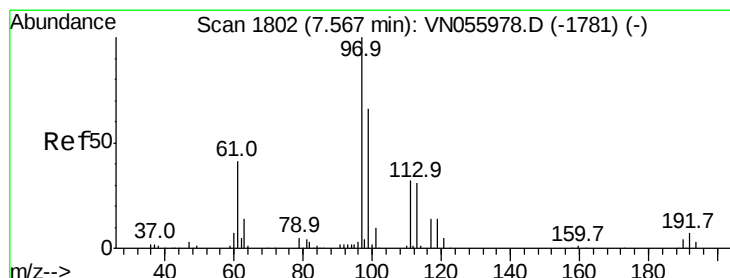
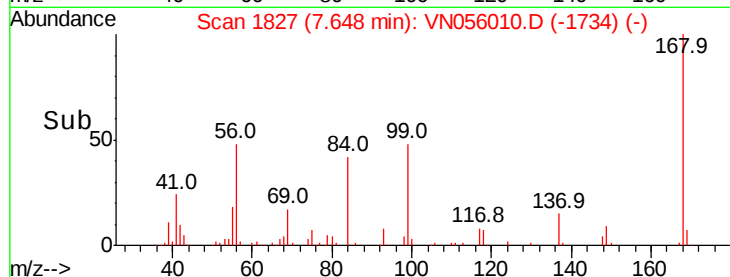
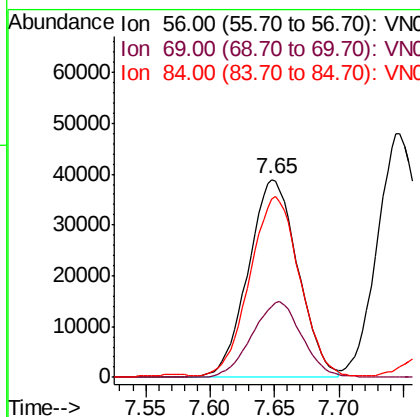
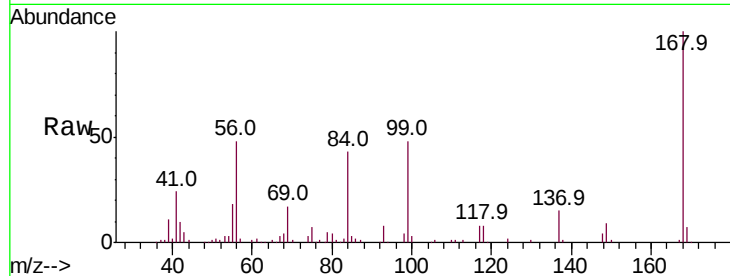
#31
Cyclohexane
Concen: 20.418 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.6	38.4
84	89.2	67.4	101.0

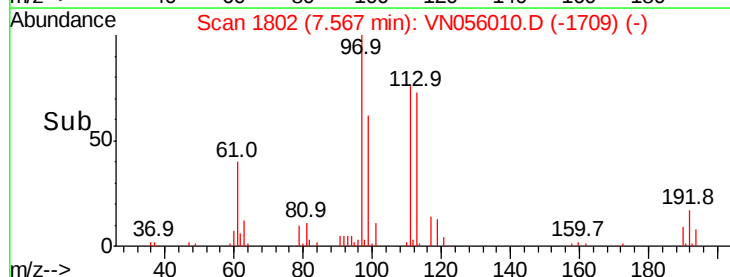
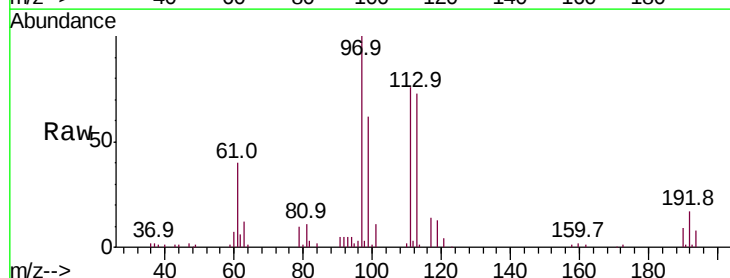
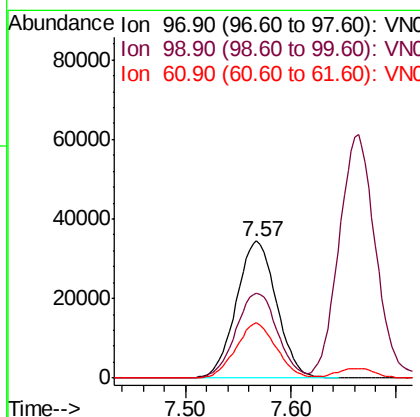
Manual Integrations
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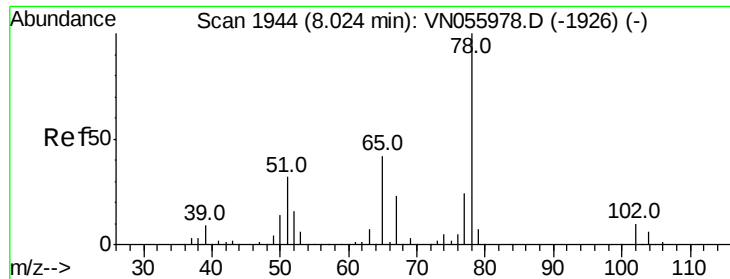
MMDadoda
6/6/2019 12:04:55 PM



#32
1,1,1-Trichloroethane
Concen: 21.192 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	40.1	32.9	49.3





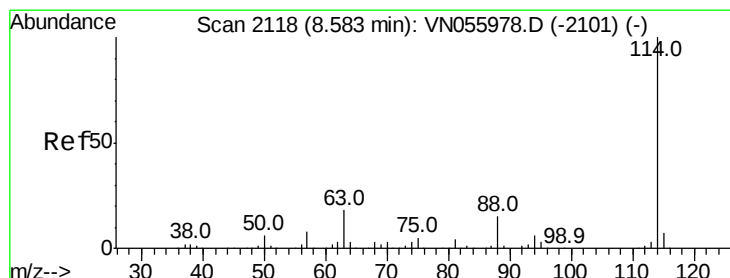
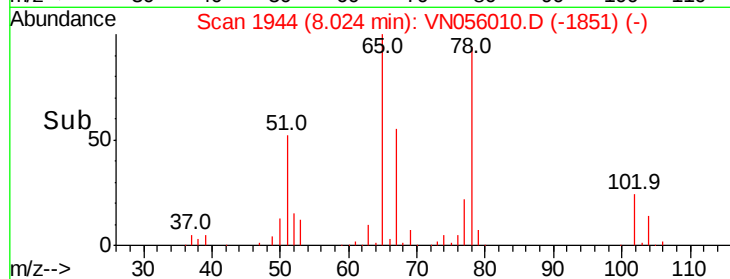
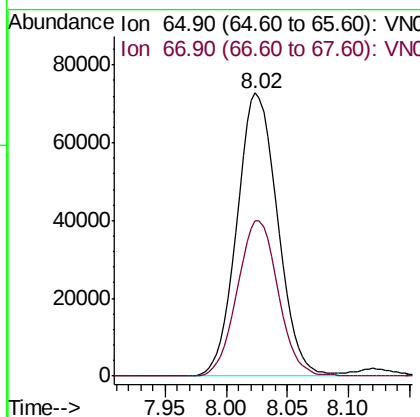
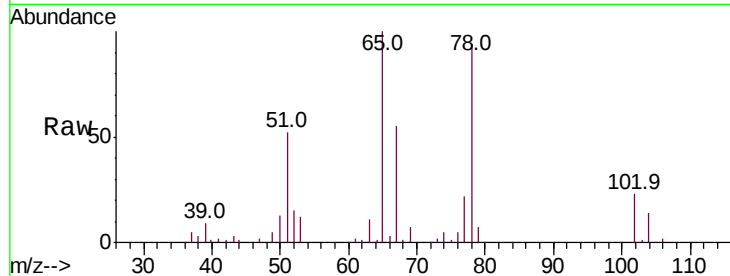
#33
 1,2-Dichloroethane-d4
 Concen: 52.043 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	109.2	

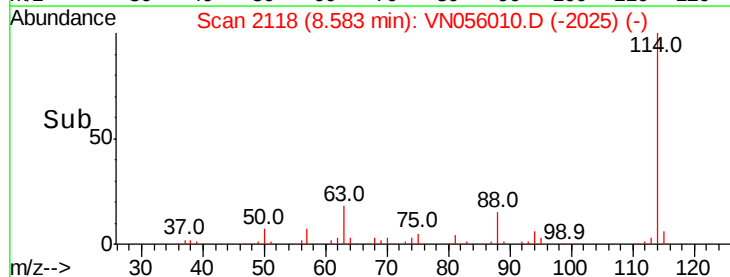
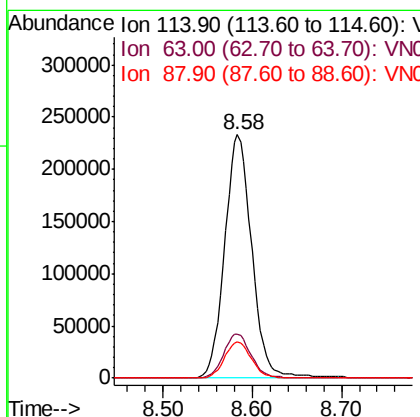
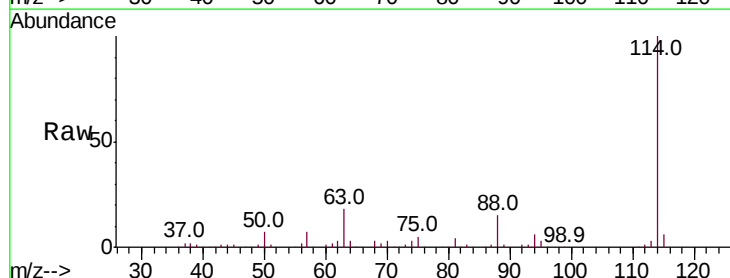
Manual Integrations
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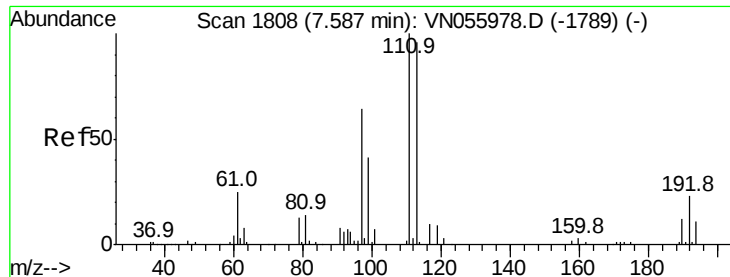
MMDadoda
 6/6/2019 12:04:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	39.2	
88	14.9	0.0	31.0	





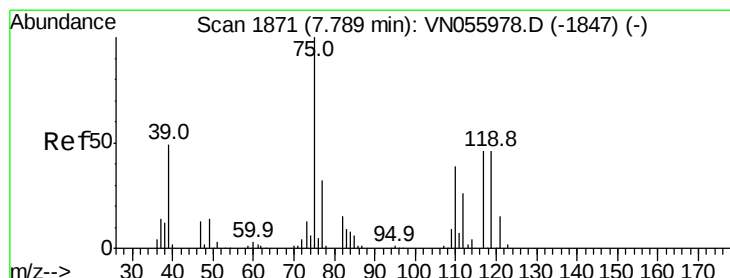
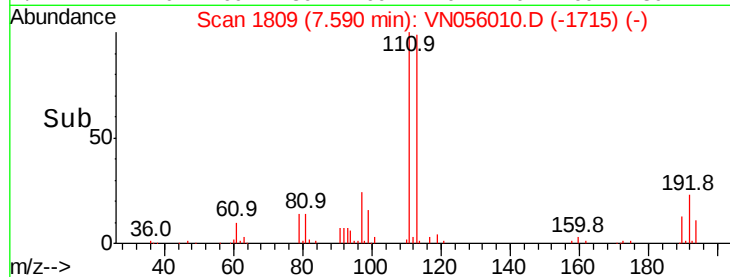
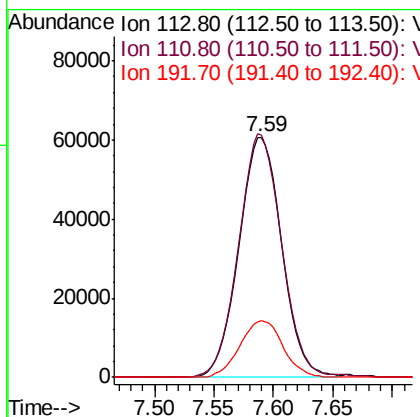
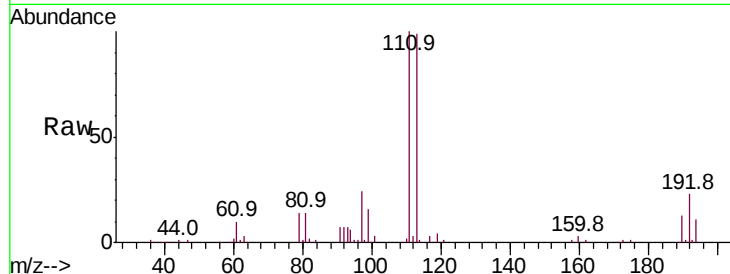
#35
 Dibromofluoromethane
 Concen: 50.272 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	81.9	122.9	
192	23.8	19.5	29.3	

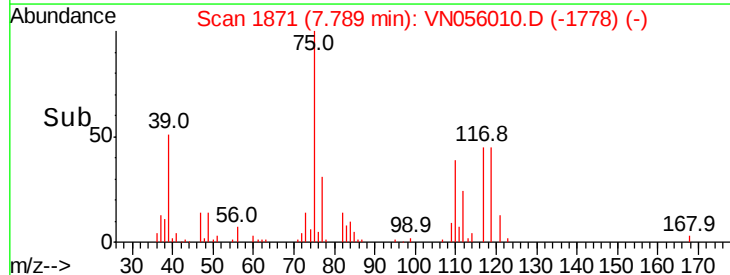
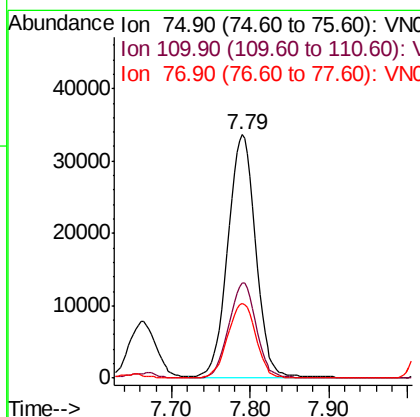
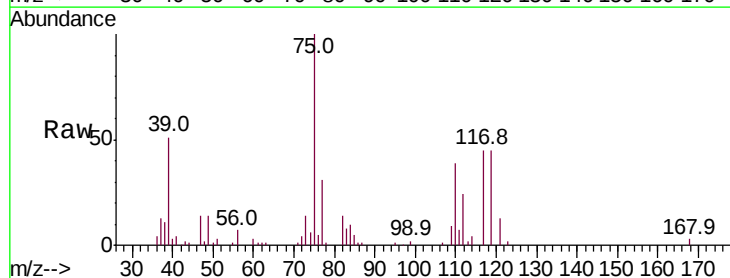
Manual Integrations
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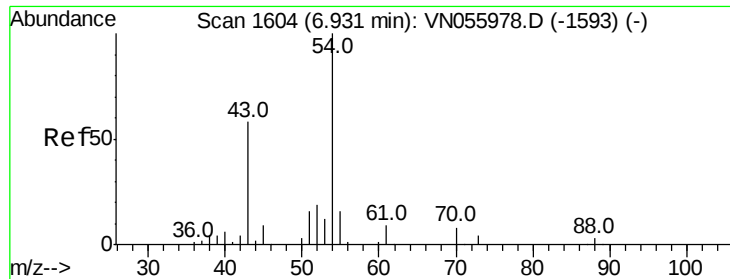
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.653 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.2	19.0	57.0	
77	30.7	25.1	37.7	





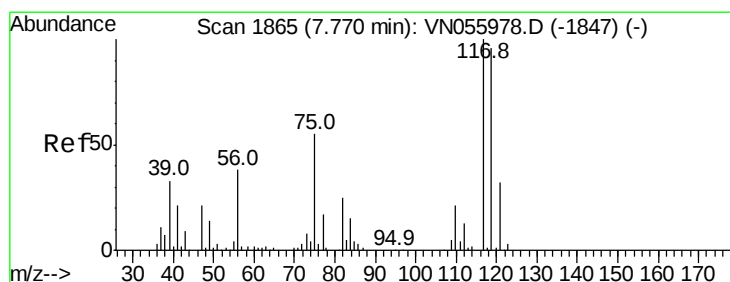
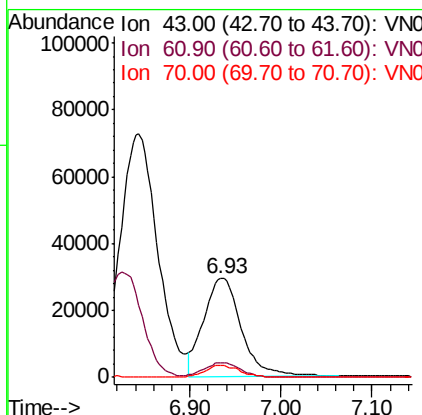
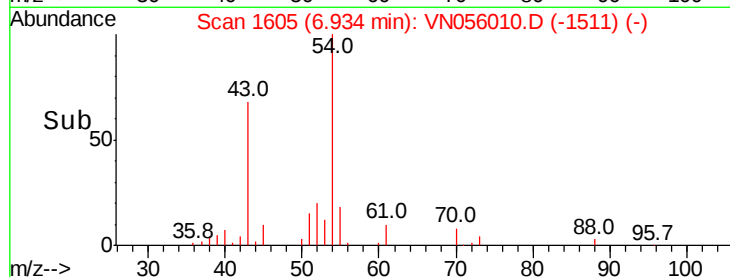
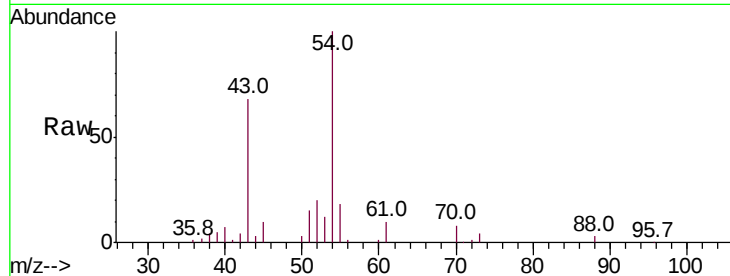
#37
Ethyl Acetate
Concen: 22.447 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	11.2	8.9	13.3

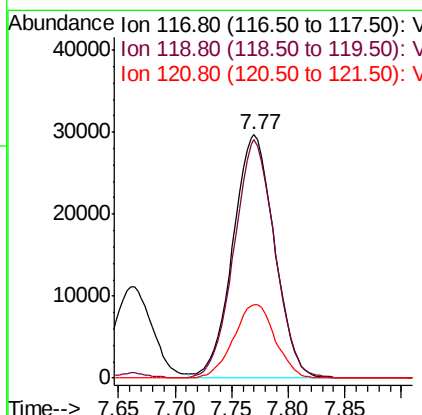
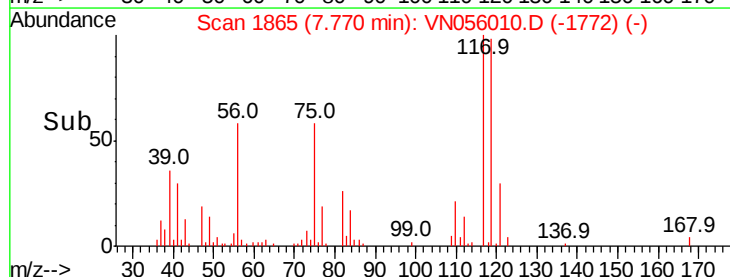
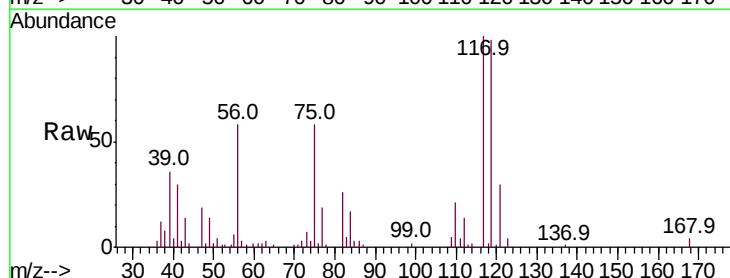
Manual Integrations
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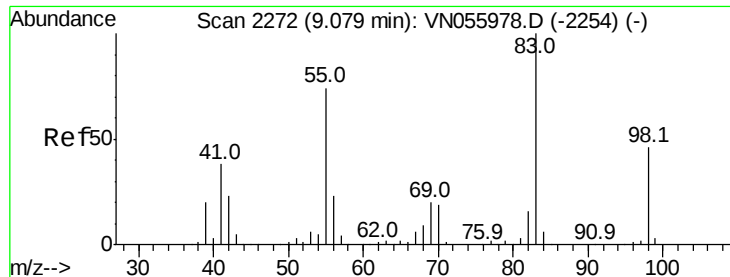
MMDadoda
6/6/2019 12:04:55 PM



#38
Carbon Tetrachloride
Concen: 19.550 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.0	118.6
121	30.1	24.7	37.1





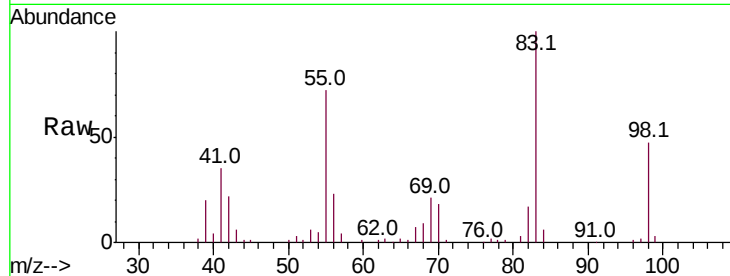
#39
Methvlcvclohexane
Concen: 19.254 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	59.3	88.9
98	46.6	36.6	54.8

Manual Integrations
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MMDadoda
6/6/2019 12:04:55 PM

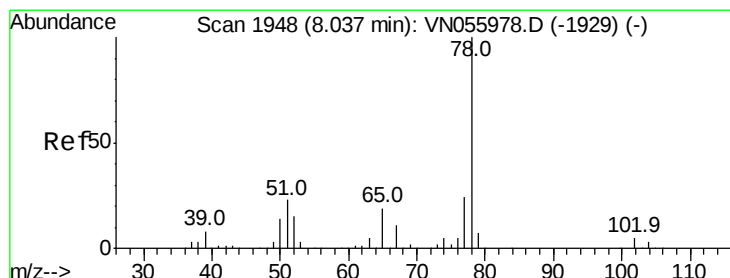
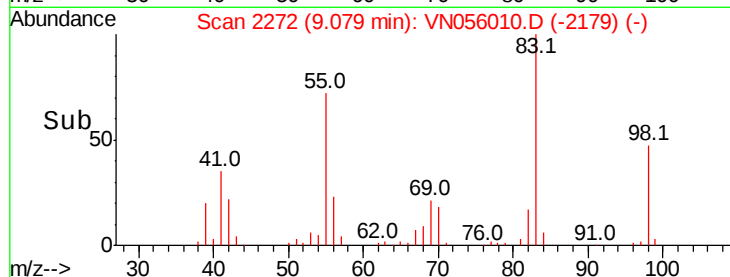
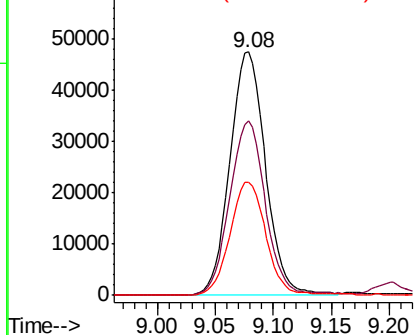


Abundance

Ion 83.00 (82.70 to 83.70): VNO

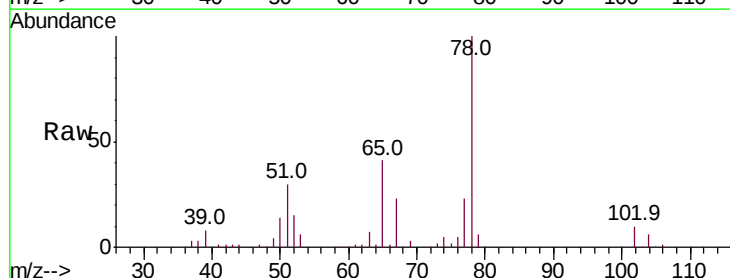
Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#40
Benzene
Concen: 20.548 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

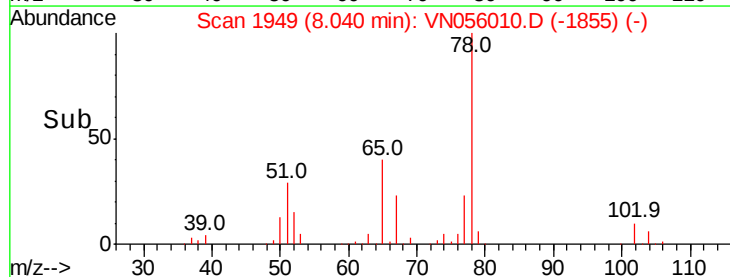
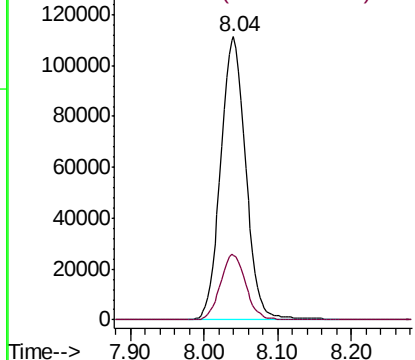
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2

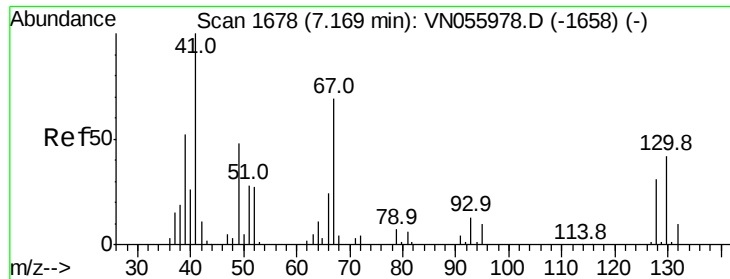


Abundance

Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO





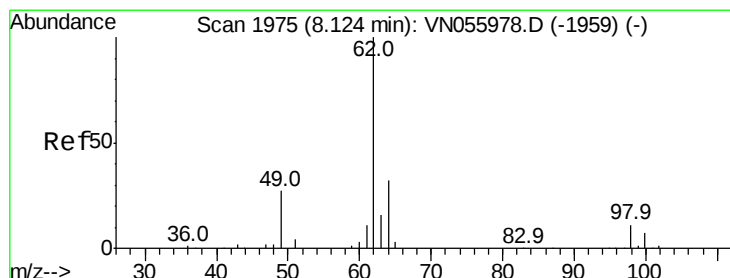
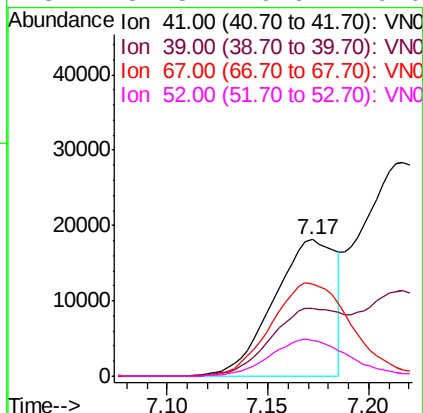
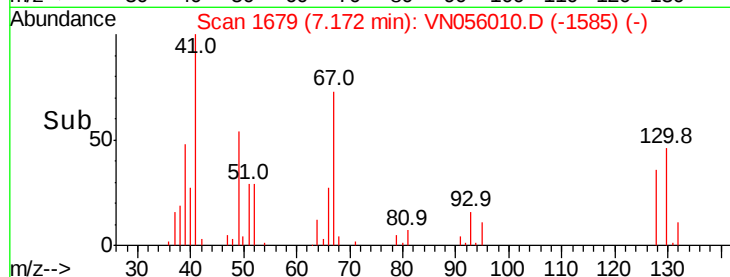
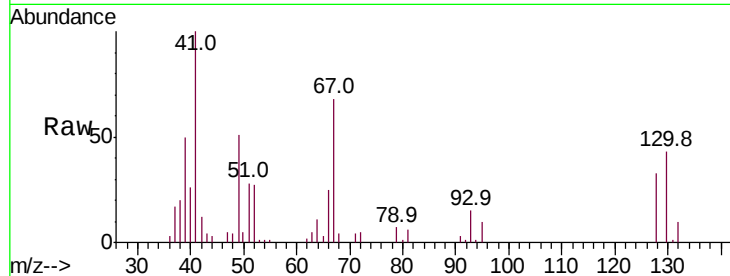
#41
Methacrylonitrile
Concen: 22.410 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	41	Resp	38698
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.6	68.4
67	89.4	67.7	101.5
52	34.8	26.6	40.0

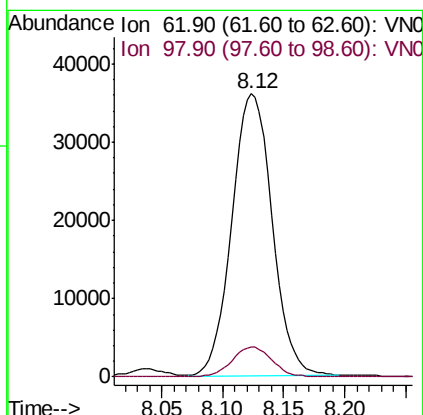
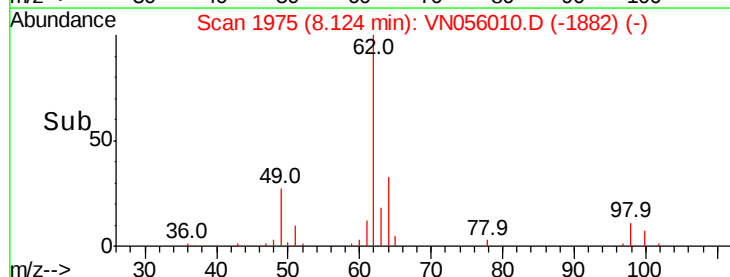
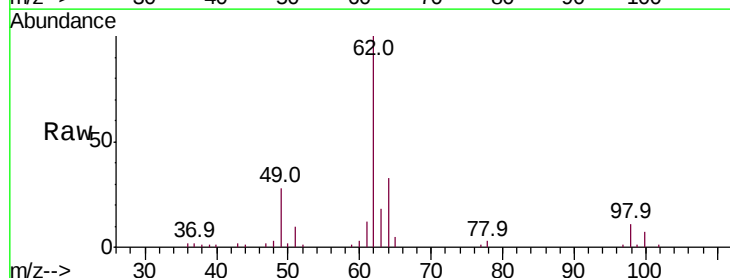
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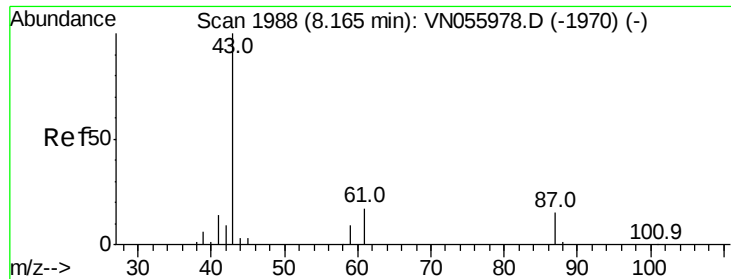
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	62	Resp	82505
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.553 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

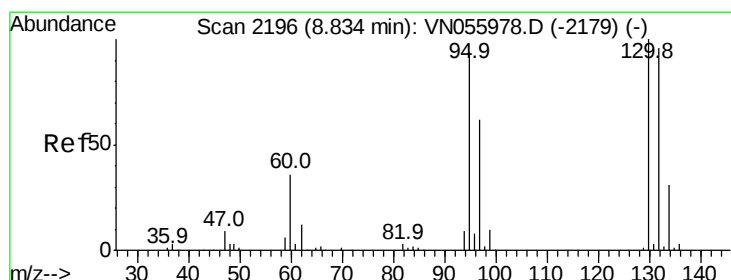
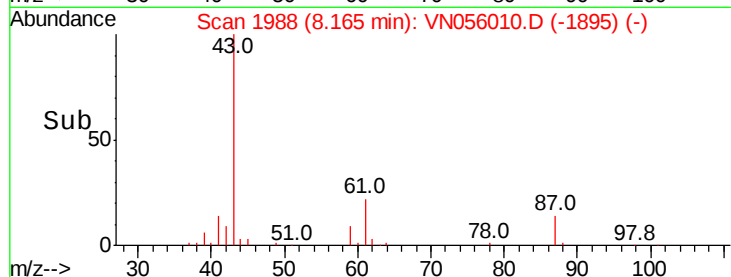
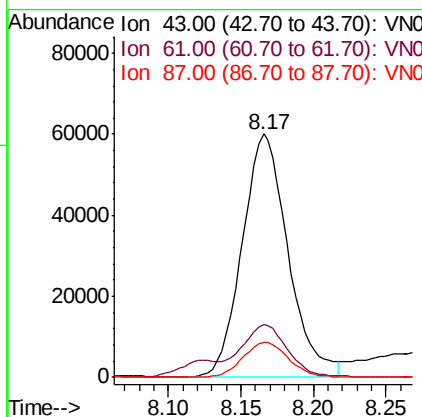
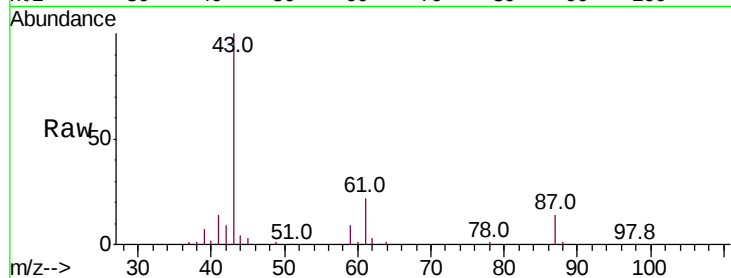
ClientSampleId :

VN0605WBSD01

Tot Ion:	43	Resp:	131083
Ion	Ratio	Lower	Upper
43	100		
61	21.4	22.2	33.4#
87	14.5	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.969 ug/l

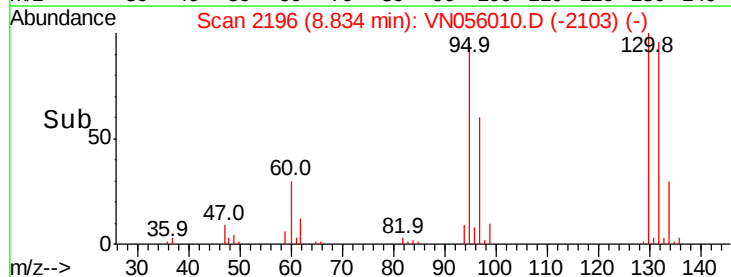
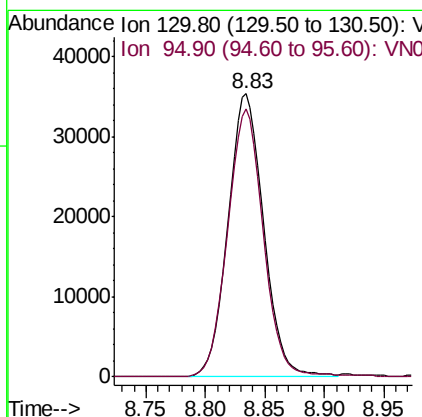
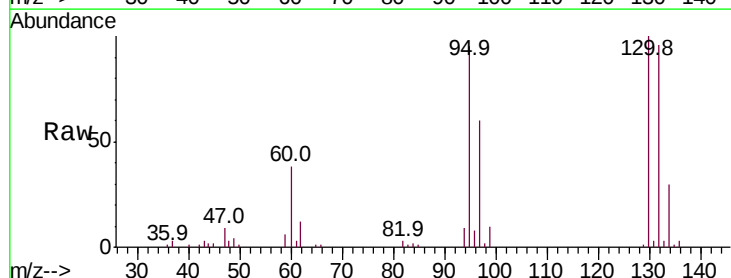
RT: 8.83 min Scan# 2196

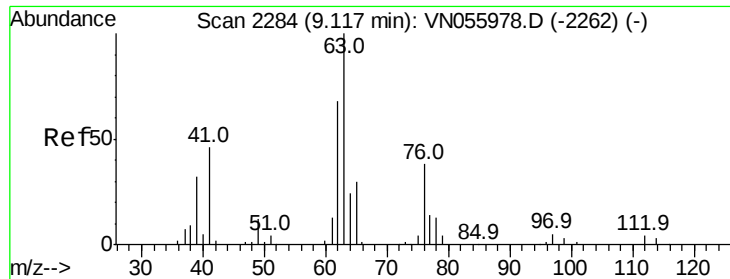
Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion:	130	Resp:	73513
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.636 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion: 63 Resp: 67718

Ion Ratio Lower Upper

63 100

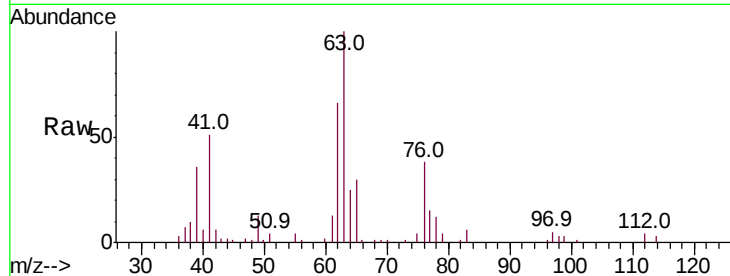
65 30.3 24.6 36.8

Manual Integrations

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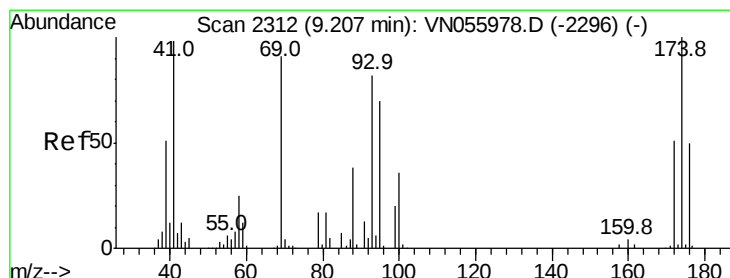
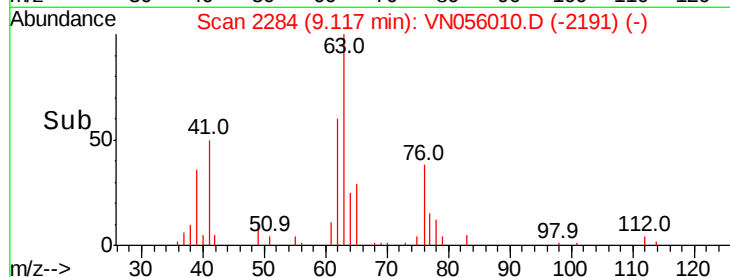
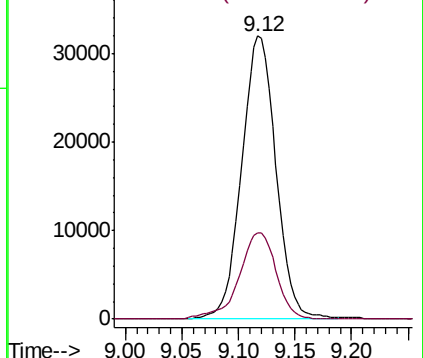
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.844 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

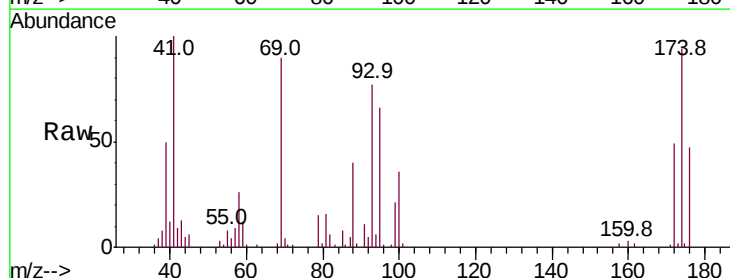
Tgt Ion: 93 Resp: 44728

Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

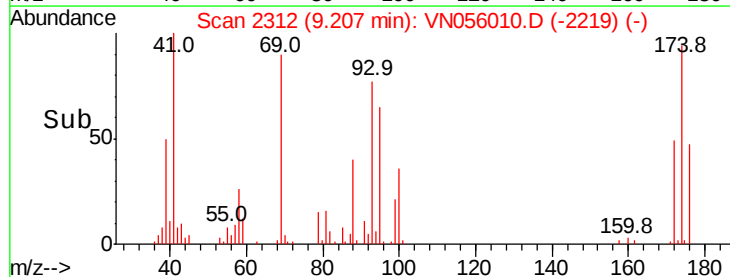
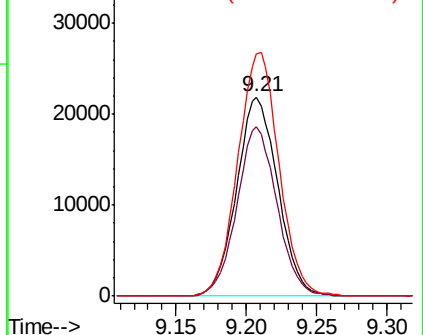
174 122.7 96.4 144.6

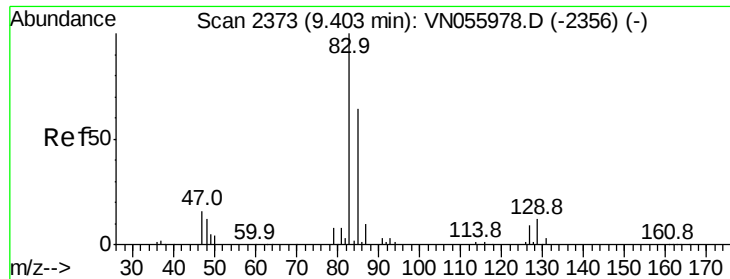


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.136 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

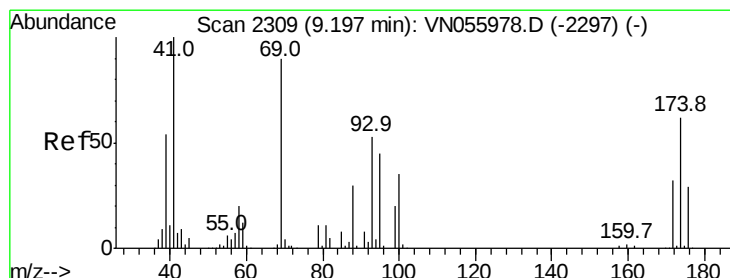
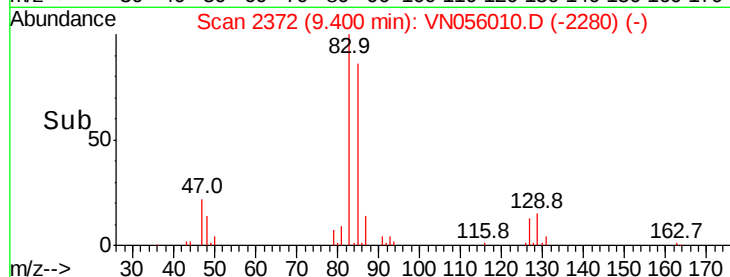
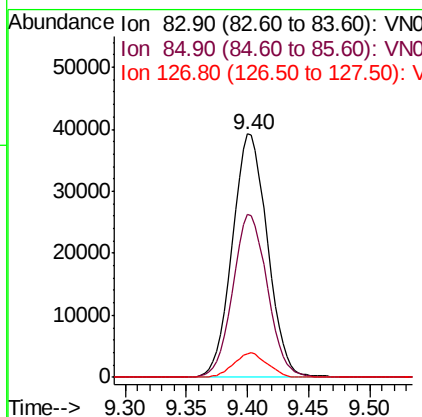
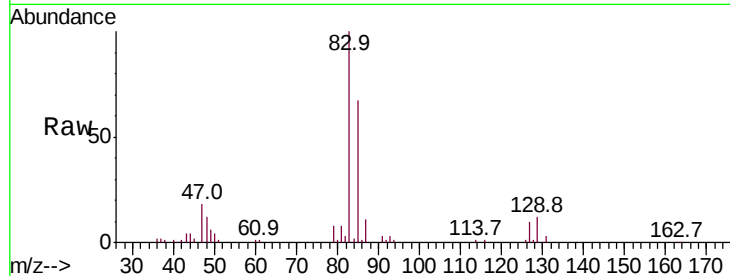
ClientSampled :

VN0605WBSD01

Tot Ion:	83	Resp:	78314
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.2	78.2
127	9.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.601 ug/l

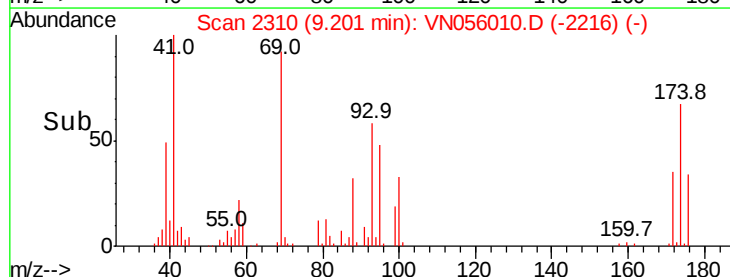
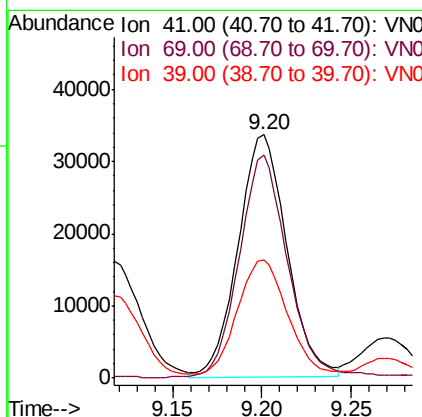
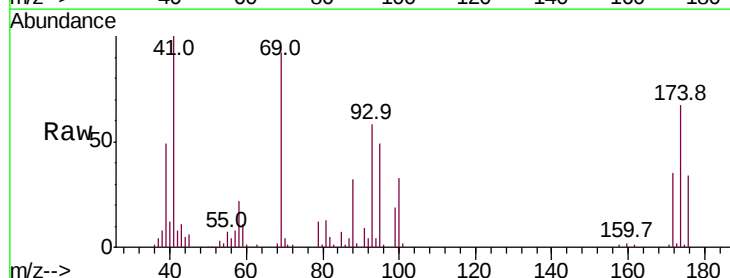
RT: 9.20 min Scan# 2310

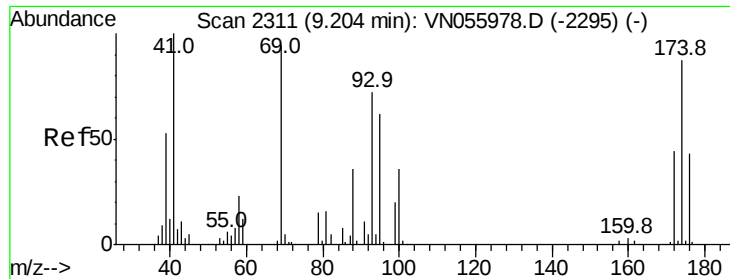
Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion:	41	Resp:	64271
Ion Ratio	Lower	Upper	
41	100		
69	92.3	71.0	106.6
39	50.7	44.2	66.2





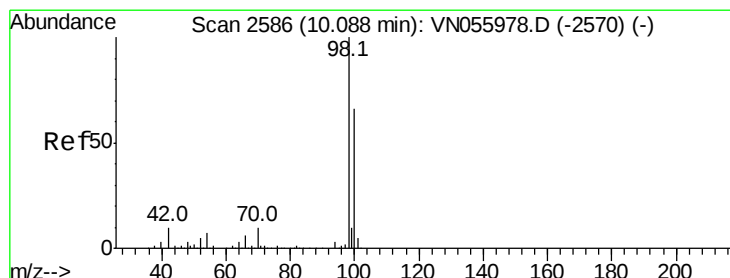
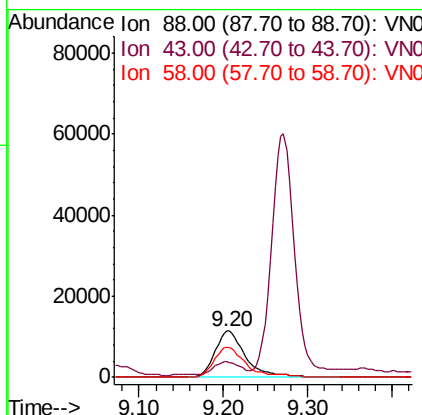
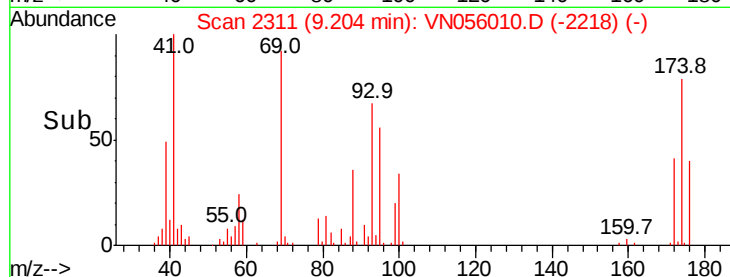
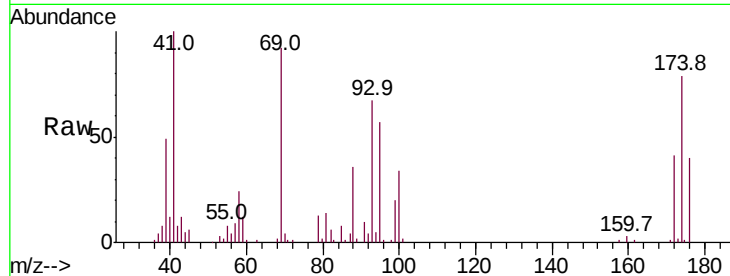
#49
 1,4-Dioxane
 Concen: 450.613 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	88	Resp	28945
Ion	Ratio	Lower	Upper
88	100		
43	23.7	20.5	30.7
58	63.1	55.8	83.6

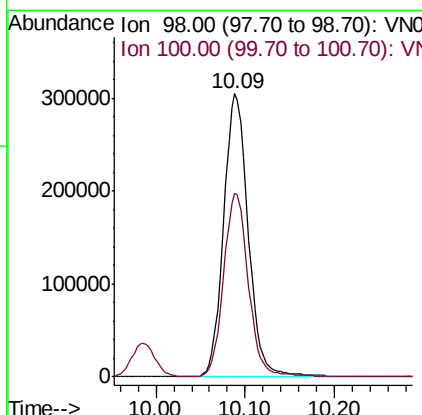
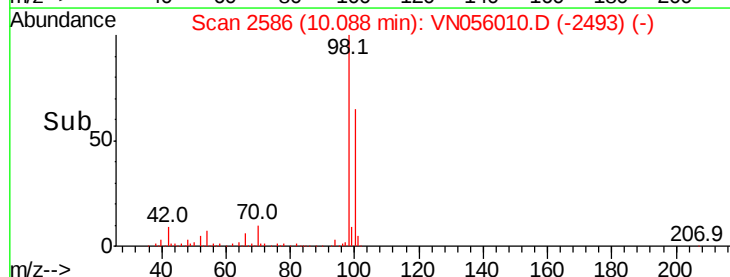
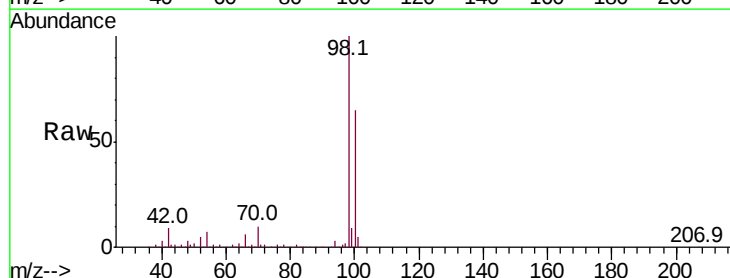
Manual Integrations
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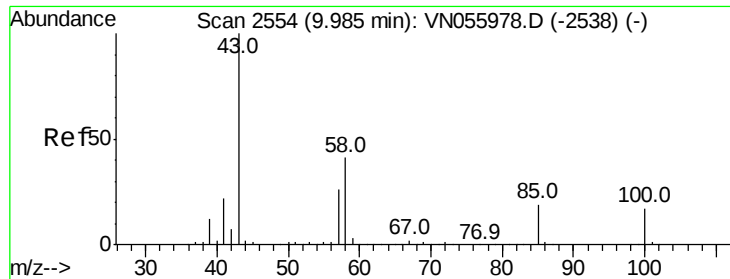
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#50
 Toluene-d8
 Concen: 50.354 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	98	Resp	583172
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





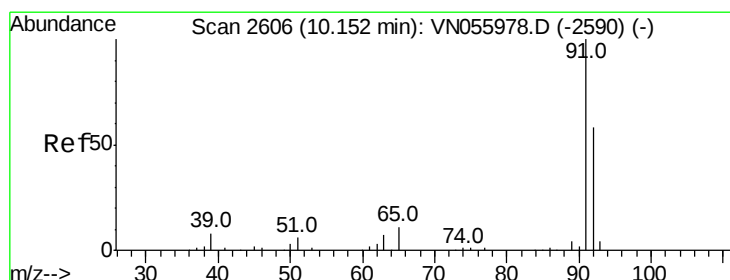
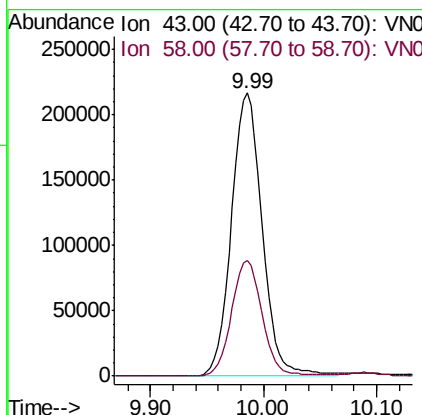
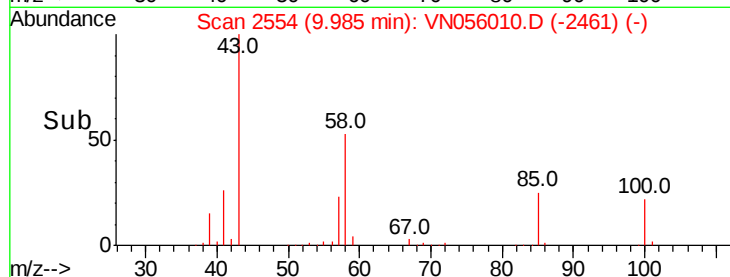
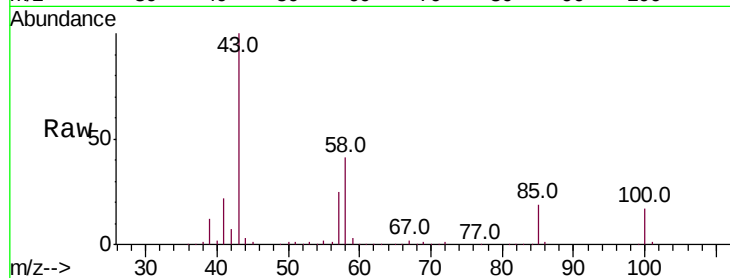
#51
4-Methyl-2-Pentanone
Concen: 107.465 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 43 Resp: 408715
Ion Ratio Lower Upper
43 100
58 41.0 32.1 48.1

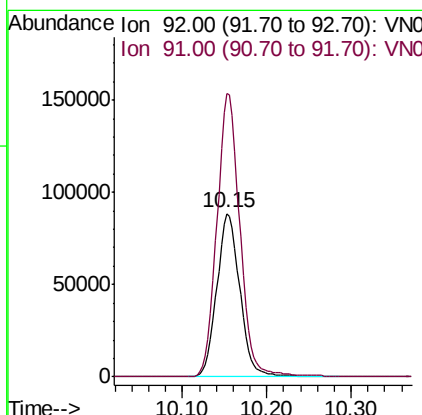
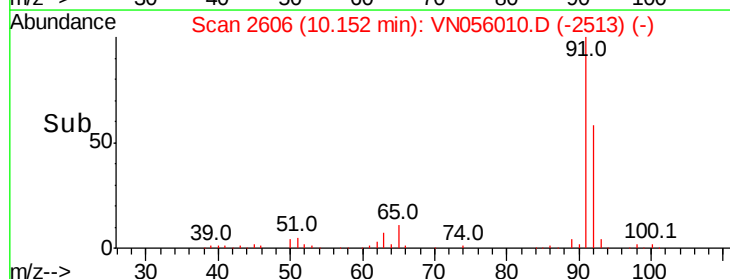
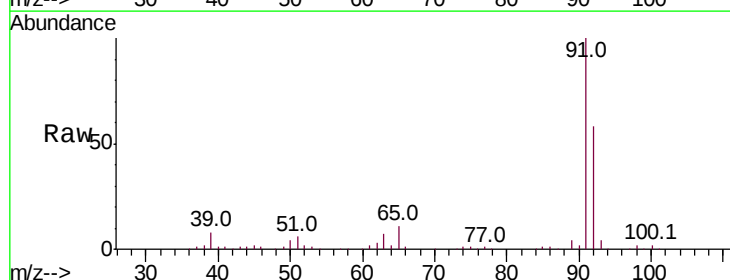
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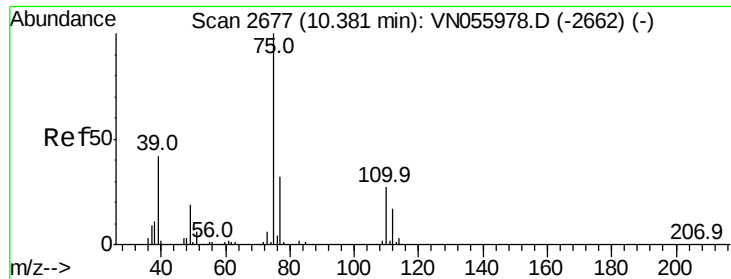
MMDadoda
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#52
Toluene
Concen: 21.168 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 92 Resp: 168750
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.215 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion: 75 Resp: 80547

Ion Ratio Lower Upper

75 100

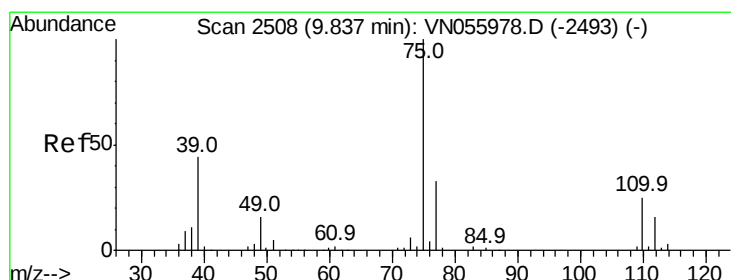
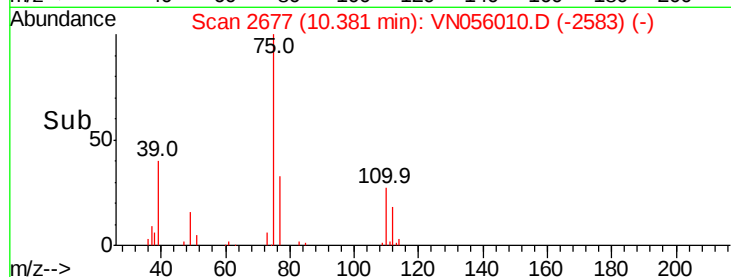
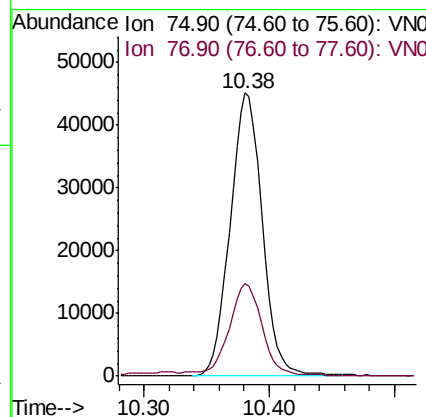
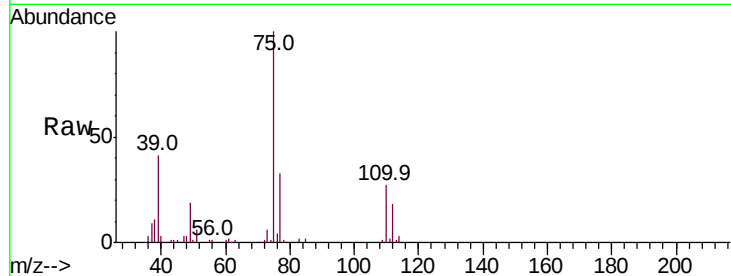
77 32.9 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.579 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

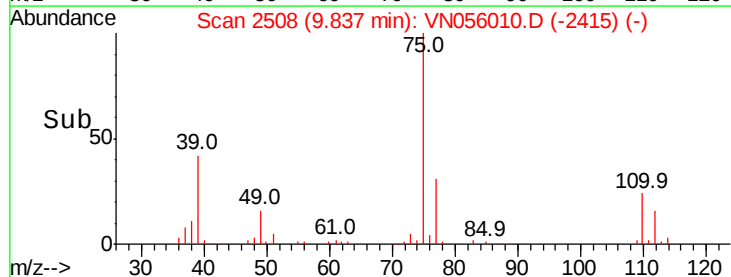
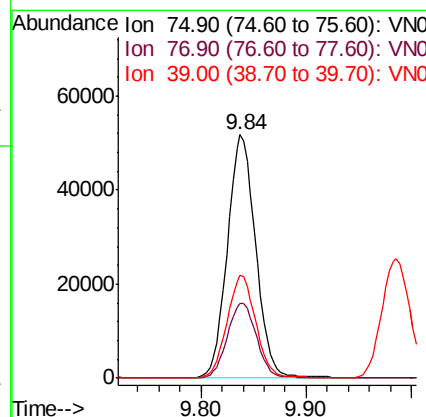
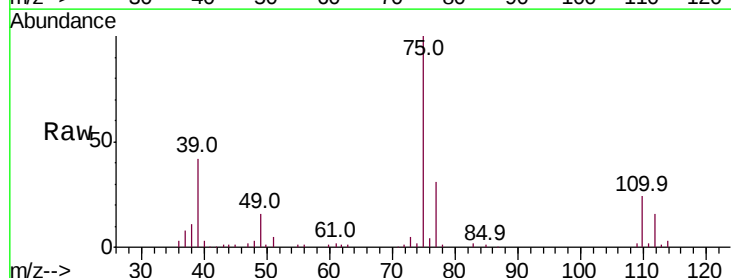
Tgt Ion: 75 Resp: 96203

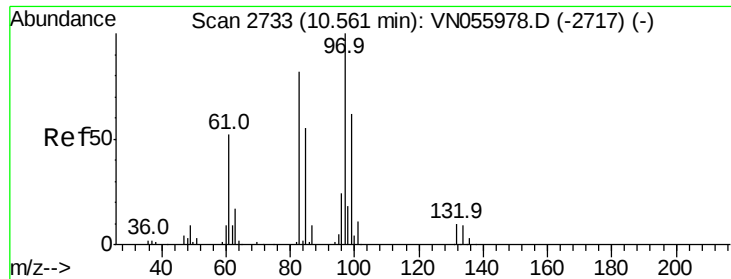
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 42.4 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 21.111 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion: 97 Resp: 66666

Ion Ratio Lower Upper

97 100

83 86.6 67.0 100.6

85 55.9 44.0 66.0

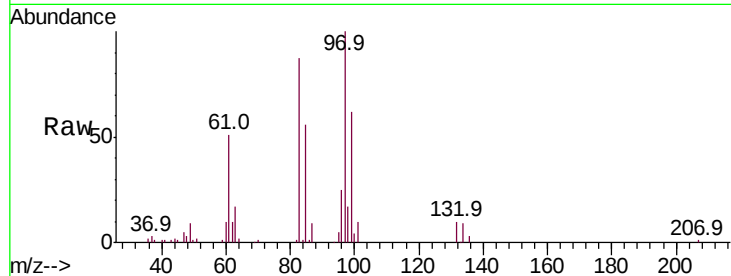
99 62.4 50.6 75.8

Manual Integrations

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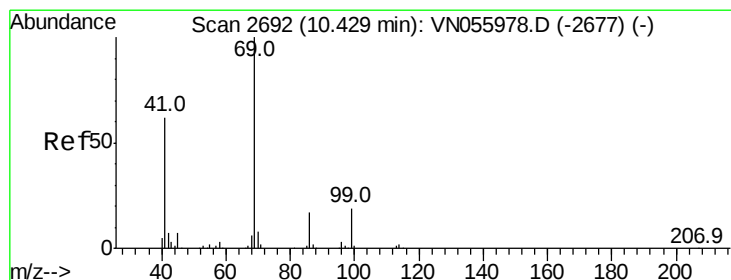
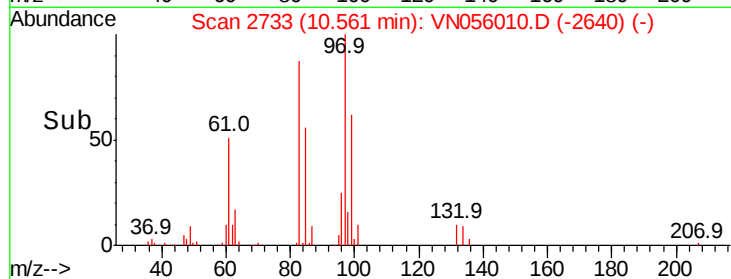
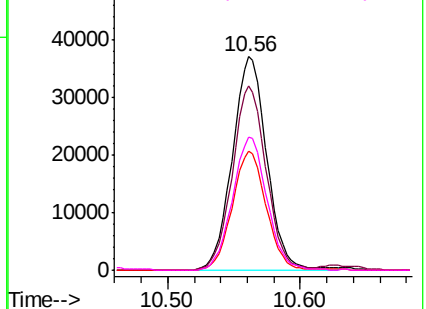


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.635 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

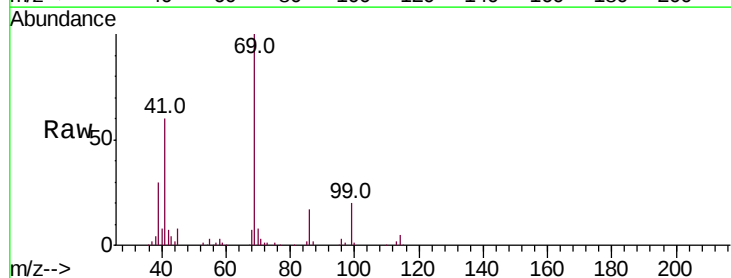
Tgt Ion: 69 Resp: 99672

Ion Ratio Lower Upper

69 100

41 59.5 49.7 74.5

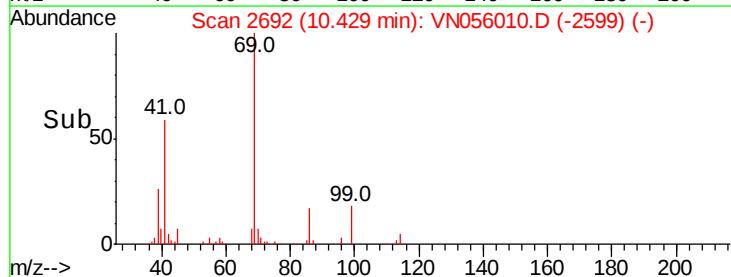
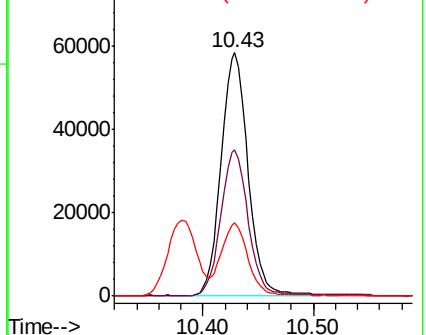
39 28.3 24.7 37.1

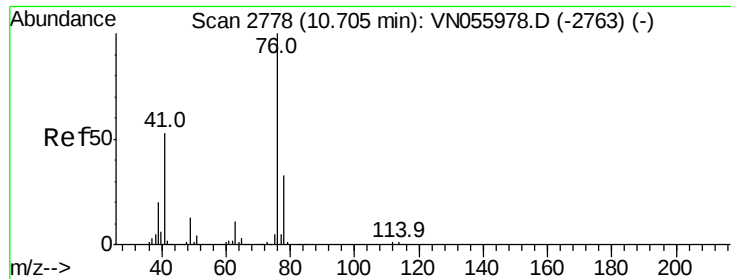


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.002 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion: 76 Resp: 107814

Ion Ratio Lower Upper

76 100

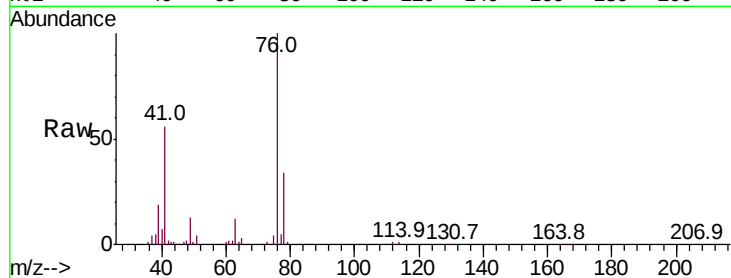
78 32.6 25.8 38.6

Manual Integrations

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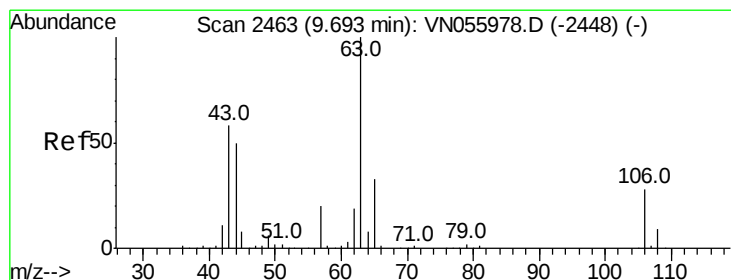
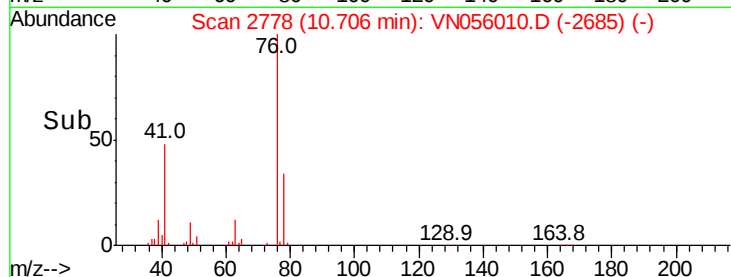
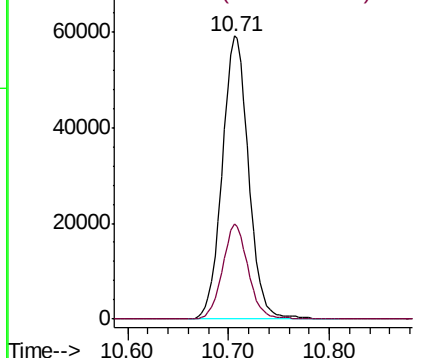
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 104.598 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056010.D

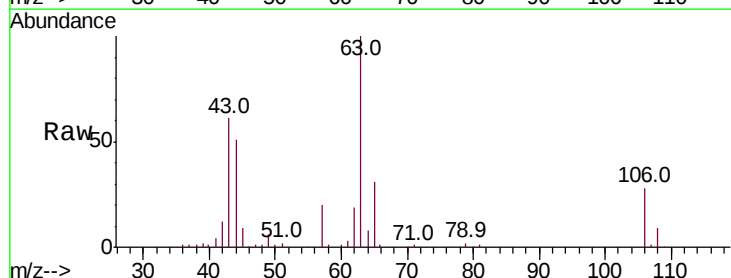
Acq: 5 Jun 2019 15:22

Tgt Ion: 63 Resp: 174254

Ion Ratio Lower Upper

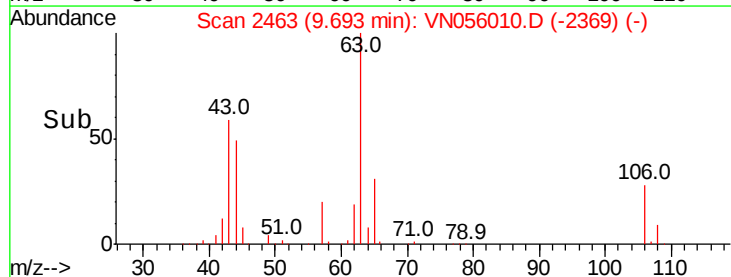
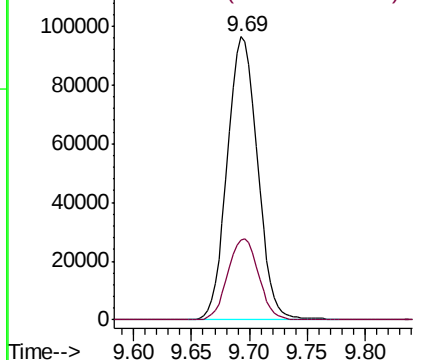
63 100

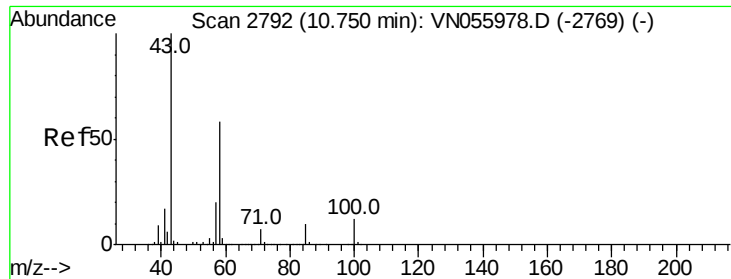
106 28.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





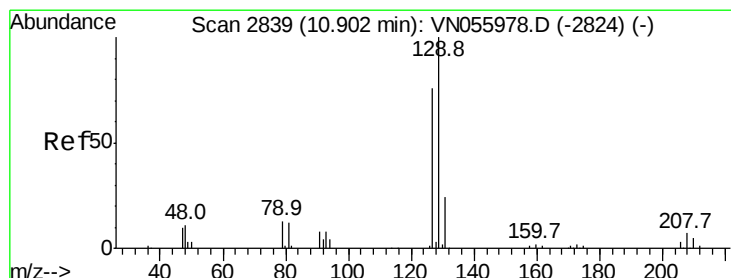
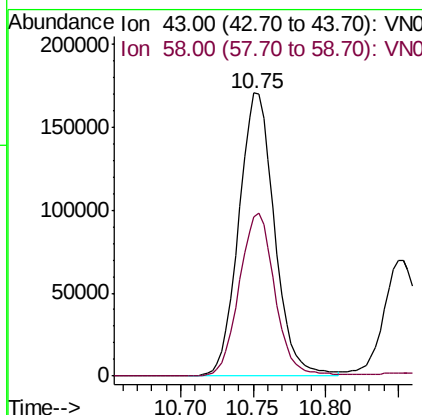
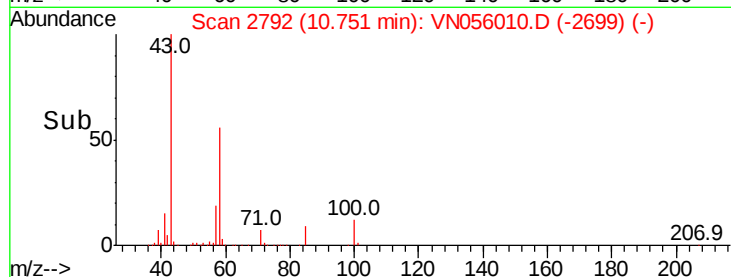
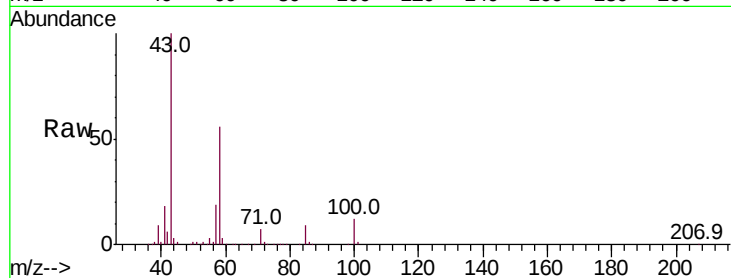
#59
2-Hexanone
Concen: 105.642 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion: 43 Resp: 291203
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7

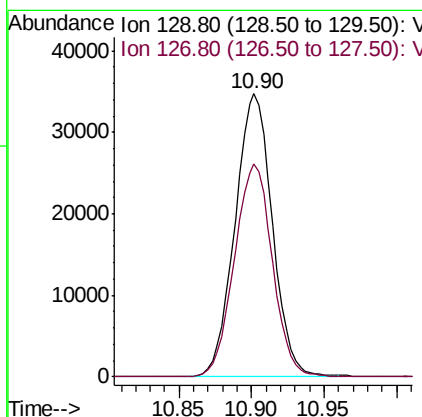
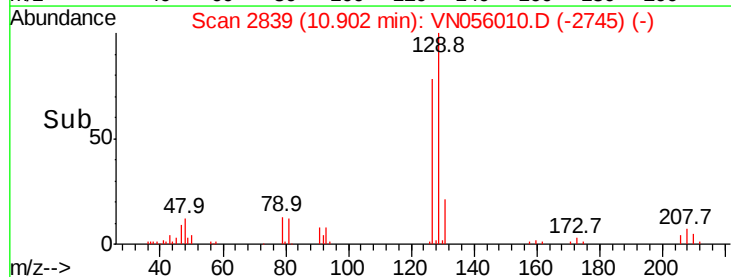
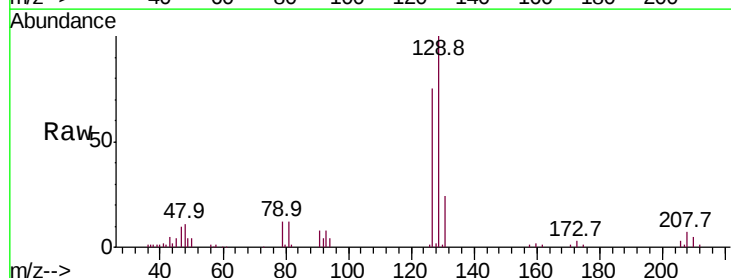
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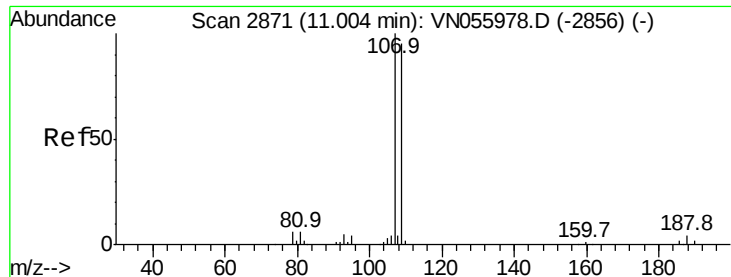
MMDadoda
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#60
Dibromochloromethane
Concen: 19.419 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 129 Resp: 62140
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.192 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion:107 Resp: 68413

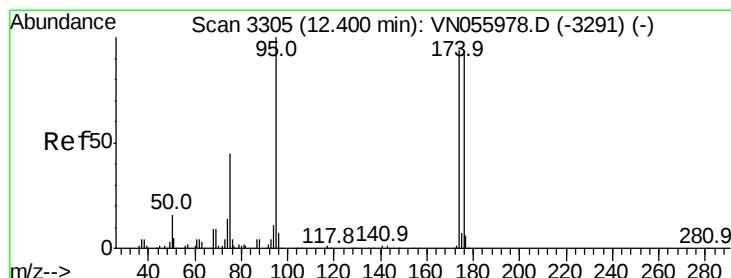
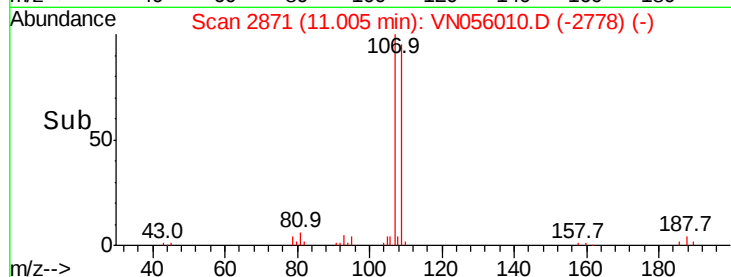
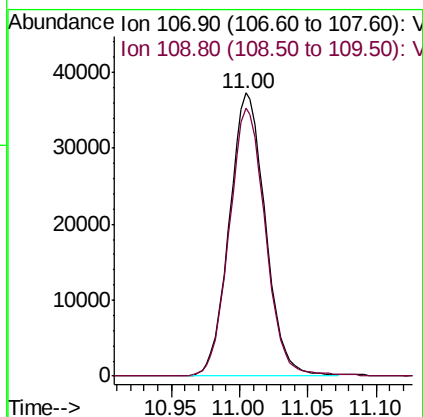
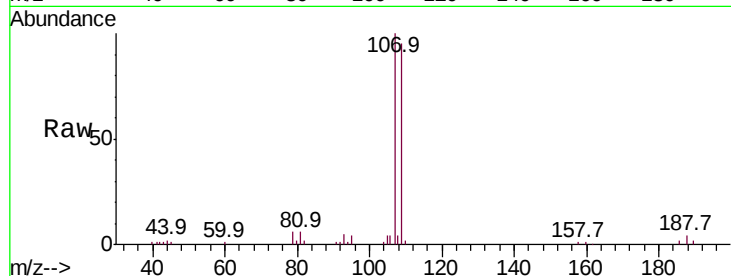
Ion Ratio Lower Upper

107 100

109 95.1 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 48.470 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

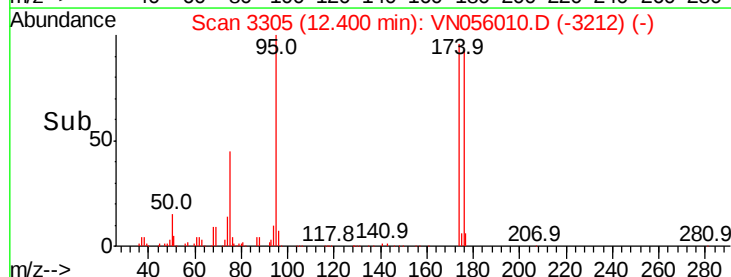
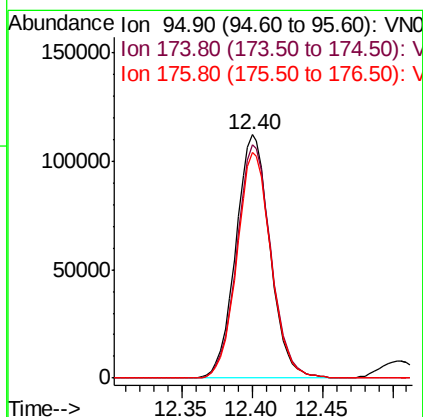
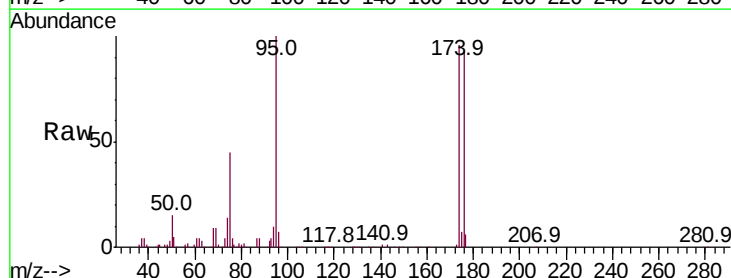
Tgt Ion: 95 Resp: 190903

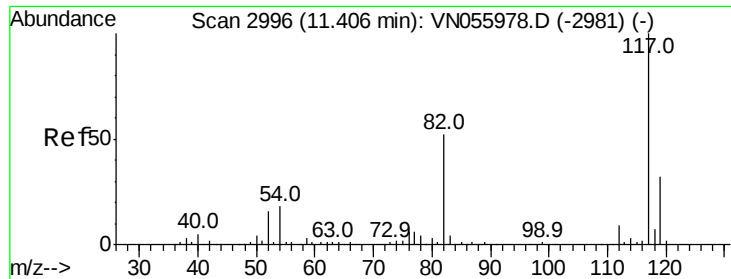
Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

176 92.7 0.0 185.2





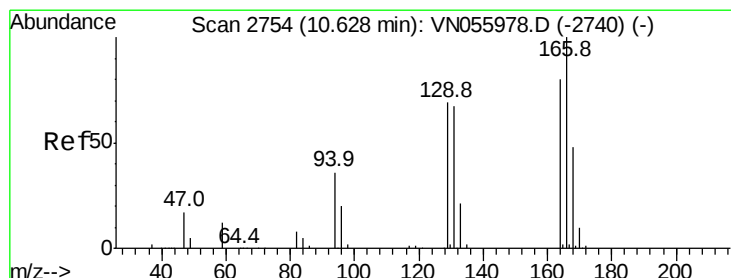
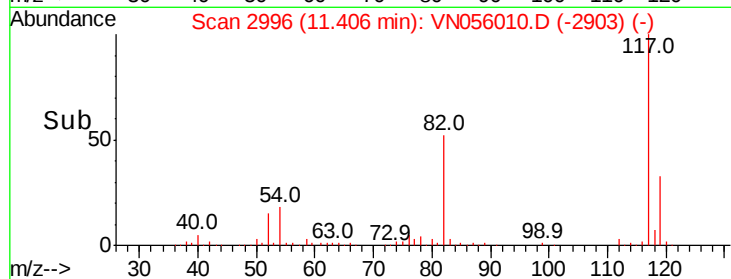
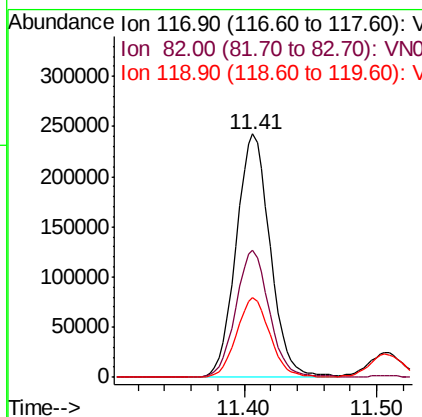
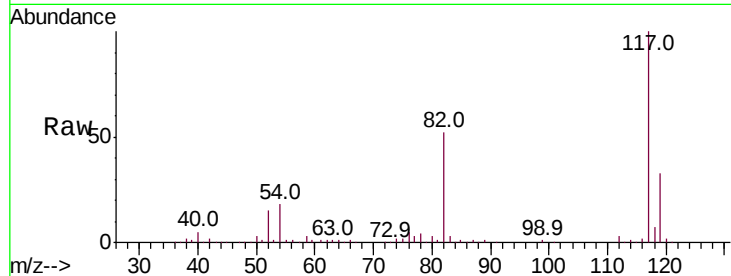
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.5	25.4	38.0

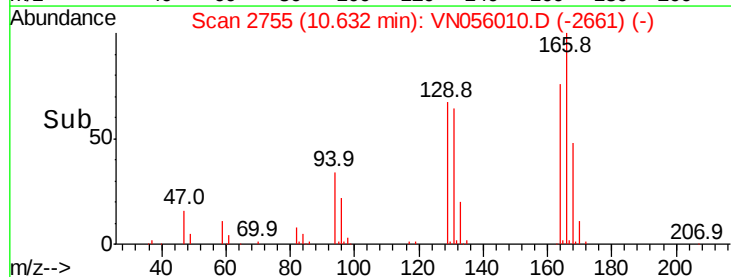
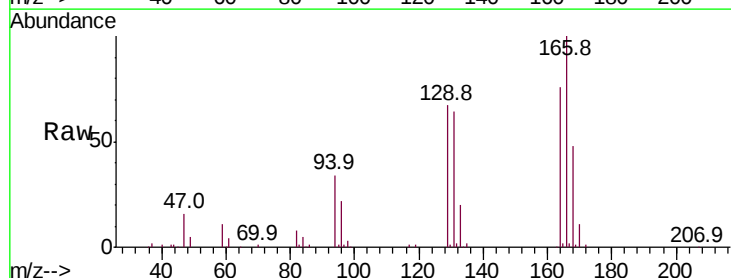
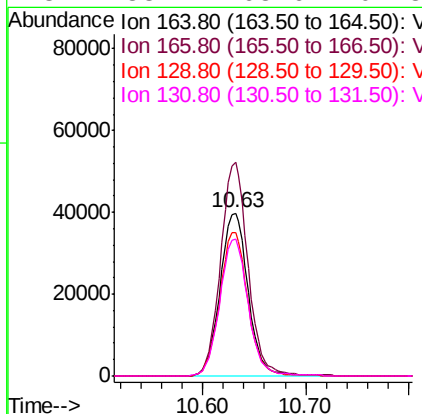
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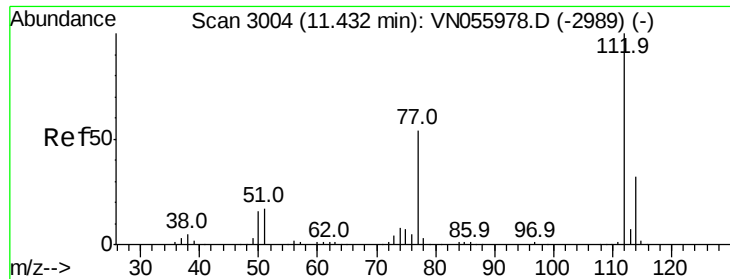
MMDadoda
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#64
Tetrachloroethene
Concen: 20.130 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.0	154.6
129	88.2	70.6	105.8
131	83.7	68.6	102.8





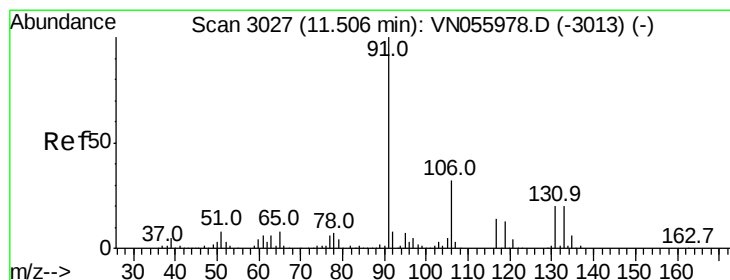
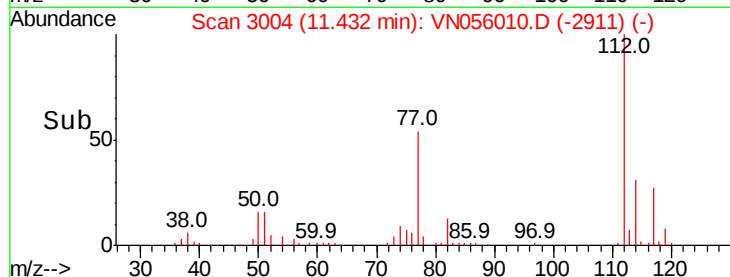
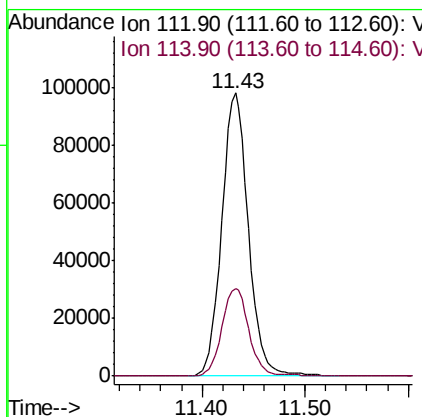
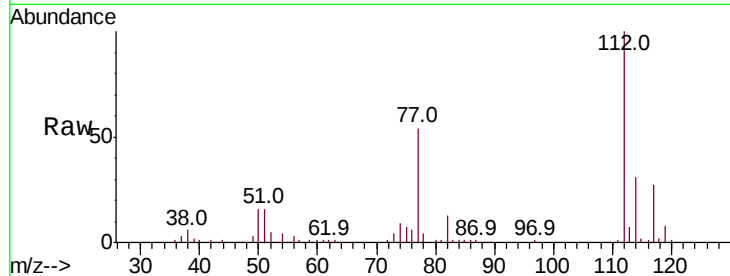
#65
Chlorobenzene
Concen: 20.391 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :
VN0605WBSD01

Tot Ion:112 Resp: 175743
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4

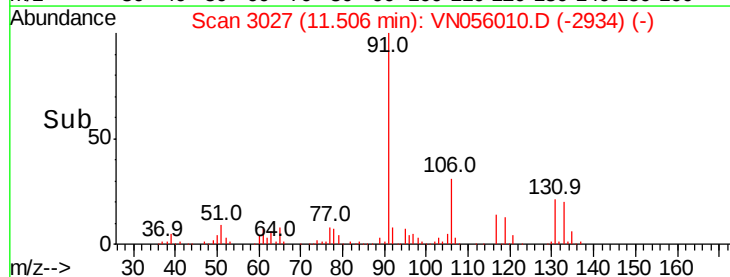
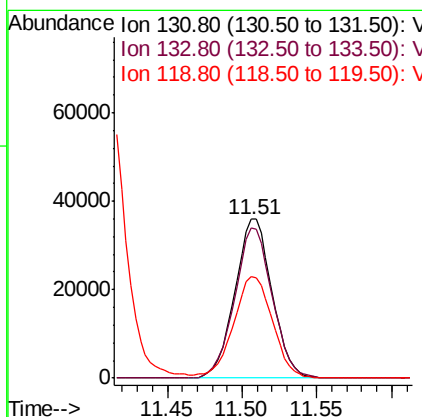
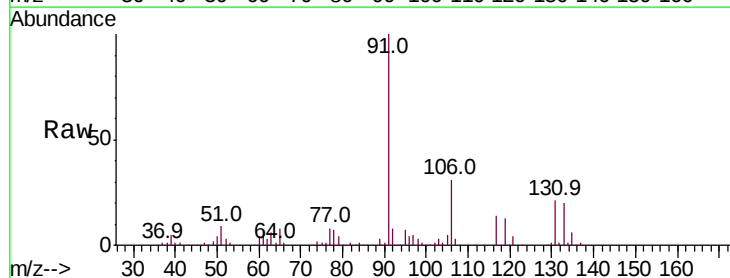
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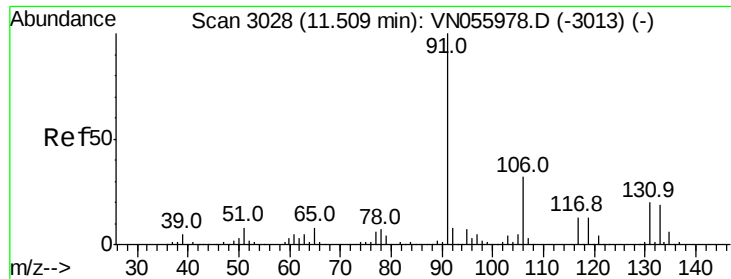
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion:131 Resp: 62101
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 67.2 33.1 99.5





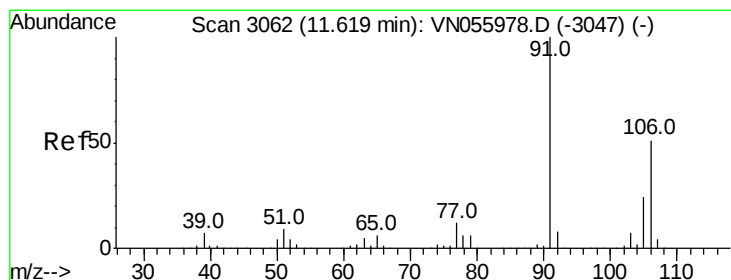
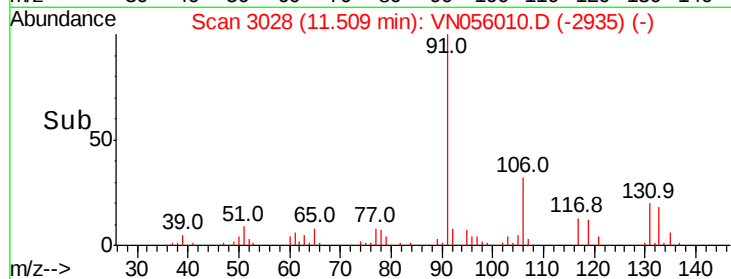
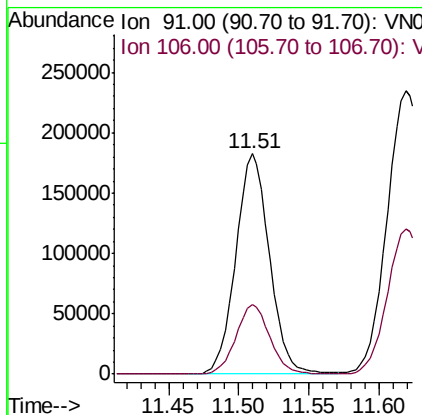
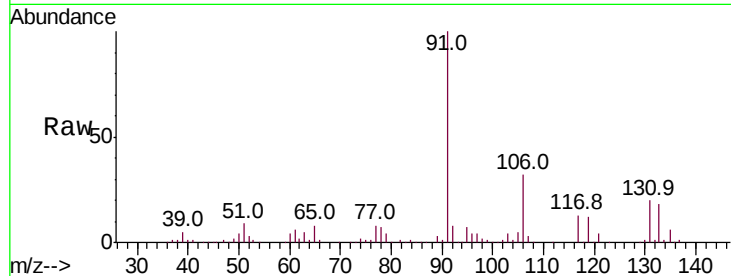
#67
Ethyl Benzene
Concen: 20.393 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :
VN0605WBSD01

Tot Ion: 91 Resp: 305615
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

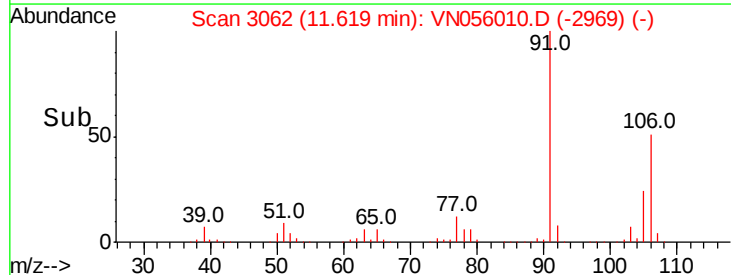
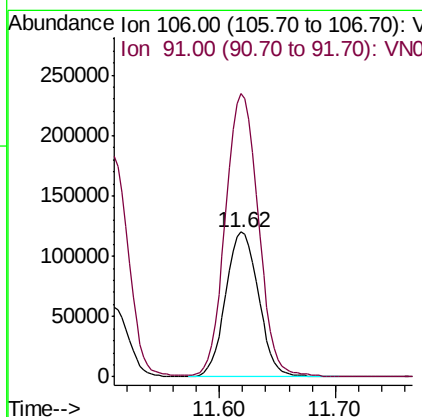
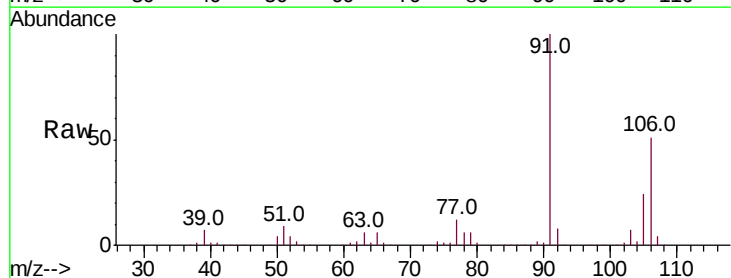
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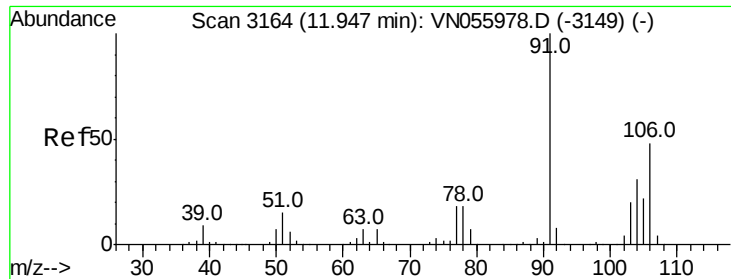
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#68
m/p-Xylenes
Concen: 41.279 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 106 Resp: 236317
Ion Ratio Lower Upper
106 100
91 196.1 159.3 238.9





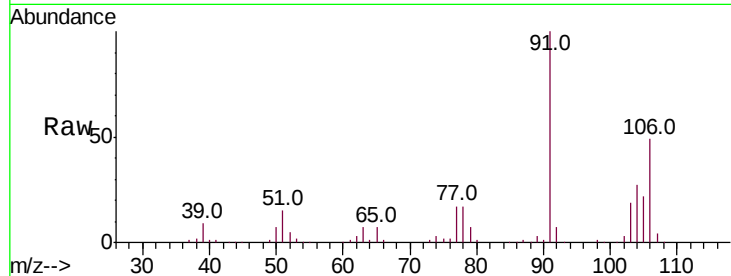
#69
o-Xylene
Concen: 20.789 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

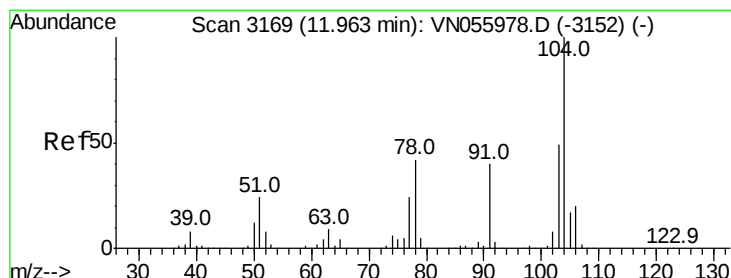
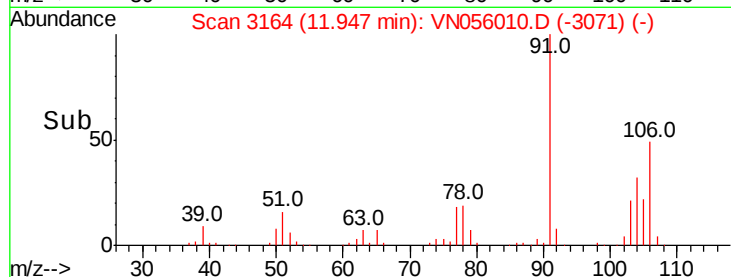
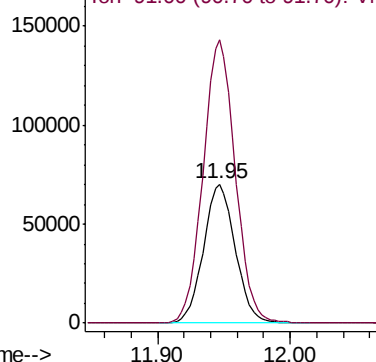
Tot Ion:106 Resp: 117070
Ion Ratio Lower Upper
106 100
91 205.5 104.7 314.1

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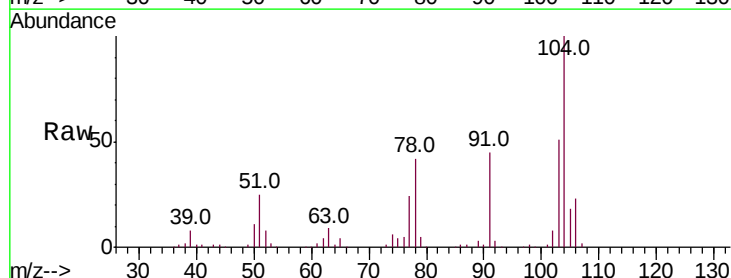


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

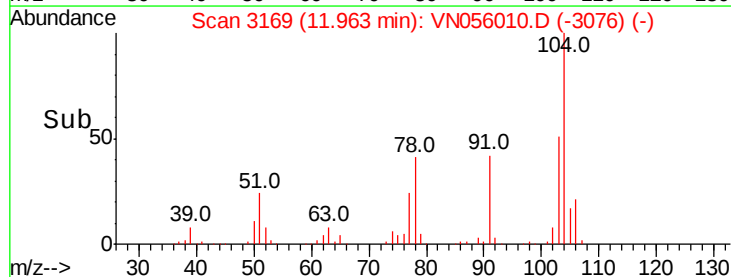
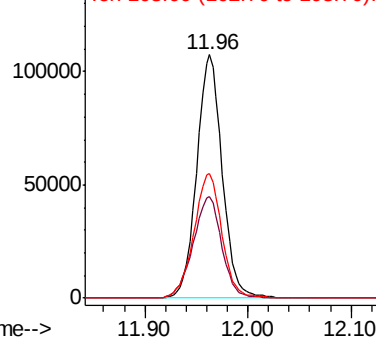


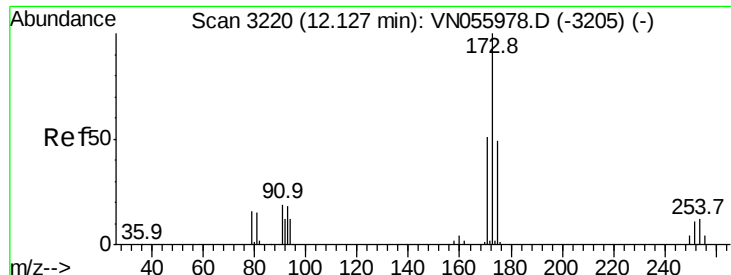
#70
Styrene
Concen: 20.694 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion:104 Resp: 185160
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 55.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





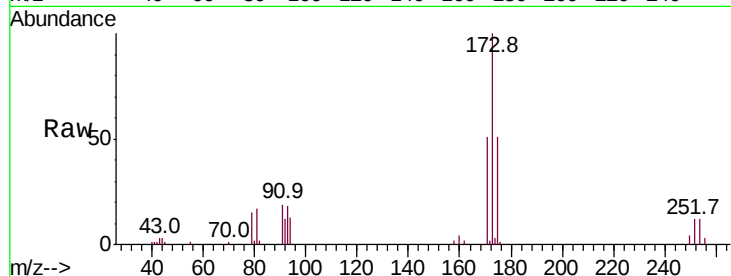
#71
Bromoform
Concen: 18.954 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

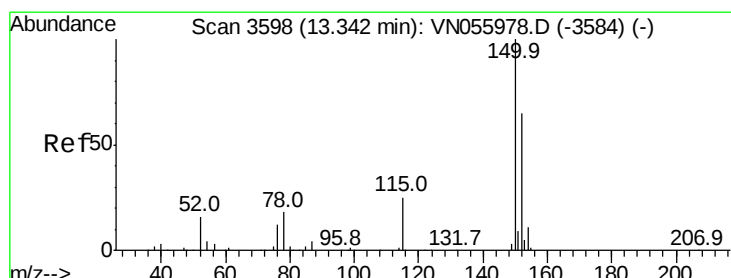
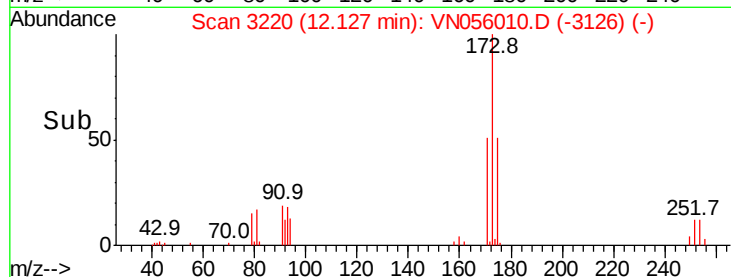
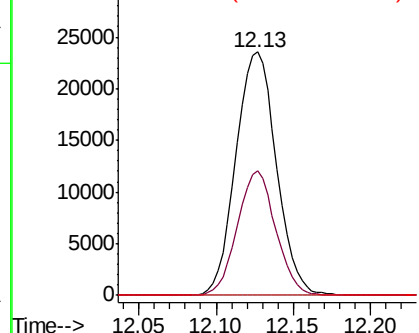
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.0	0.0

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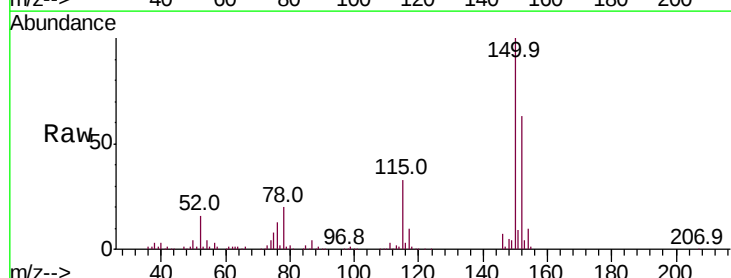


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

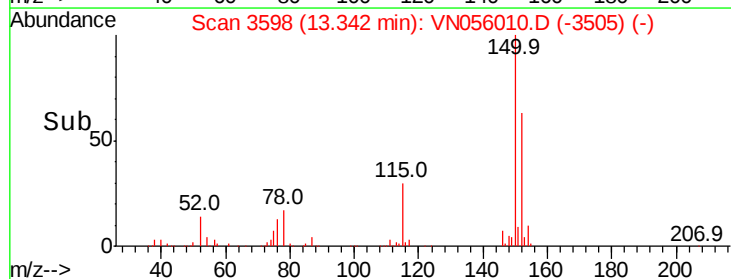
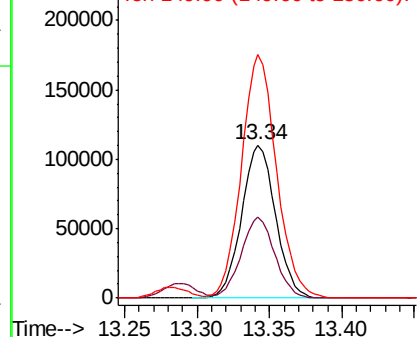


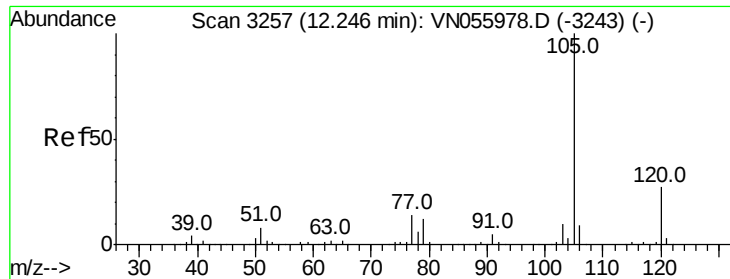
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.0	81.0
150	164.7	0.0	343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.360 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion: 105 Resp: 302256

Ion Ratio Lower Upper

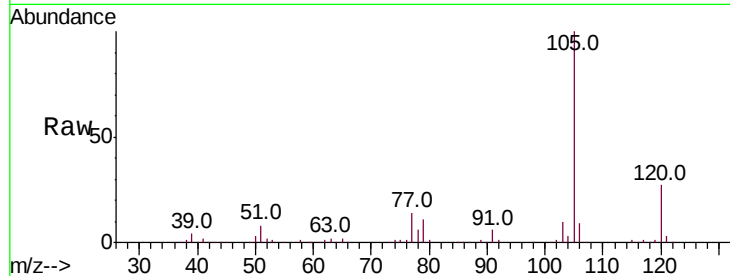
105 100

120 26.9 13.6 40.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

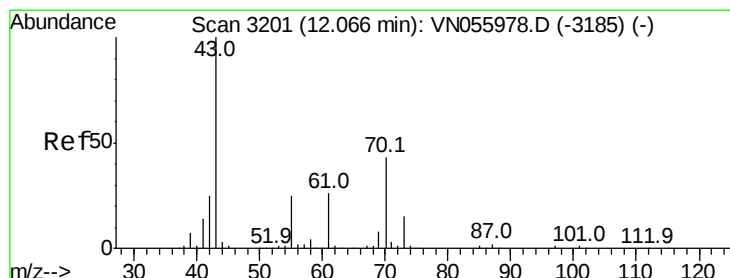
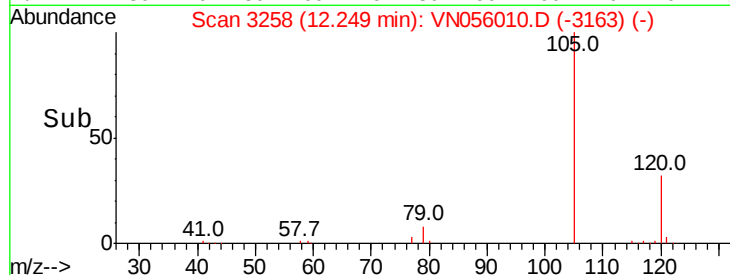
50000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 22.180 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion: 43 Resp: 105791

Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 24.9 18.6 28.0

61 25.7 20.0 30.0

Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

60000

40000

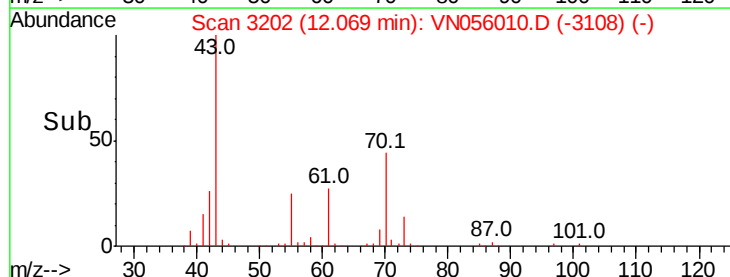
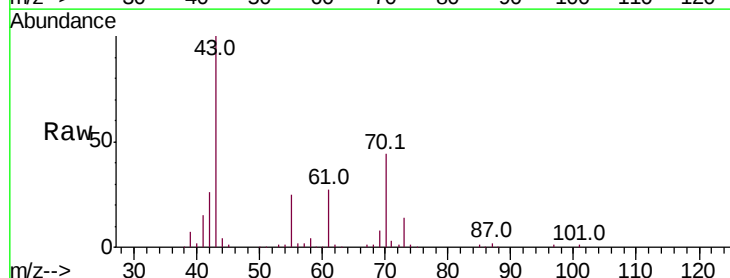
20000

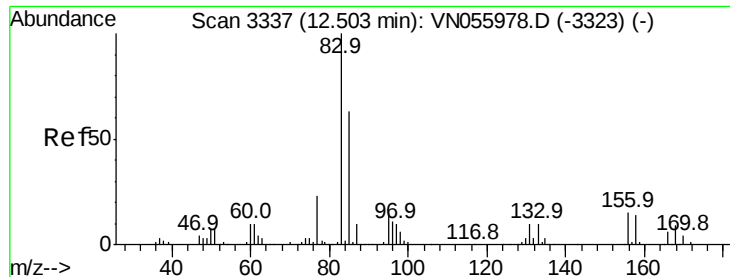
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.948 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

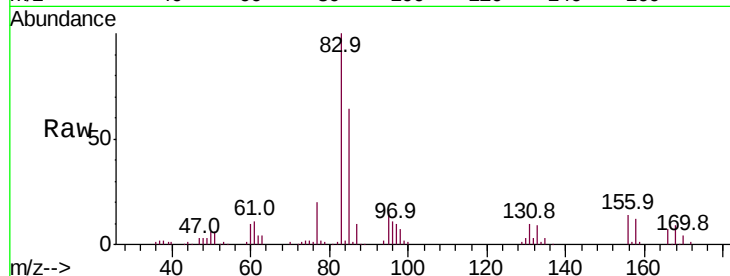
ClientSampled :

VN0605WBSD01

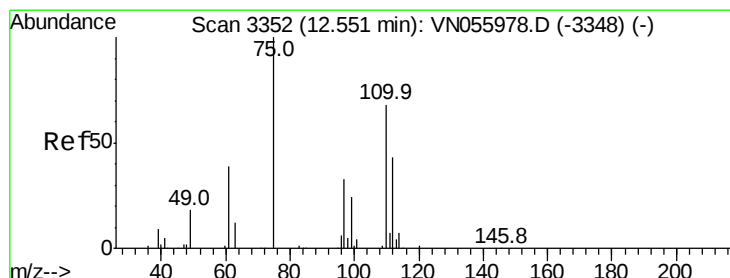
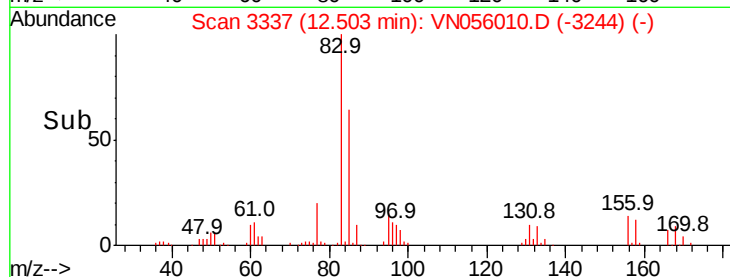
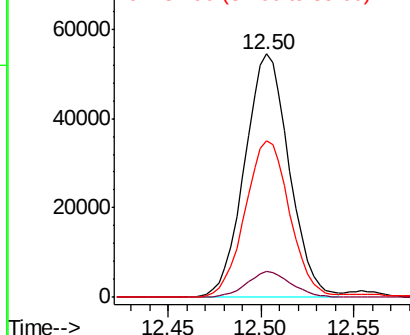
Tot Ion:	83	Resp:	91167
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.5	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 23.994 ug/l m

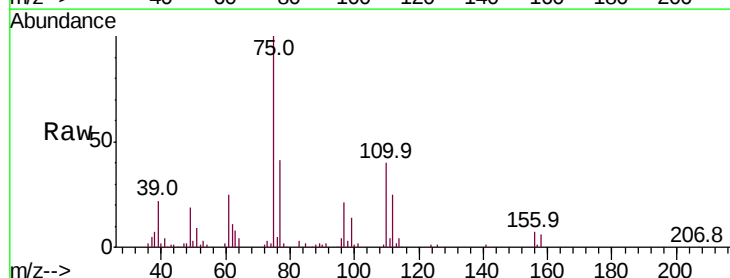
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

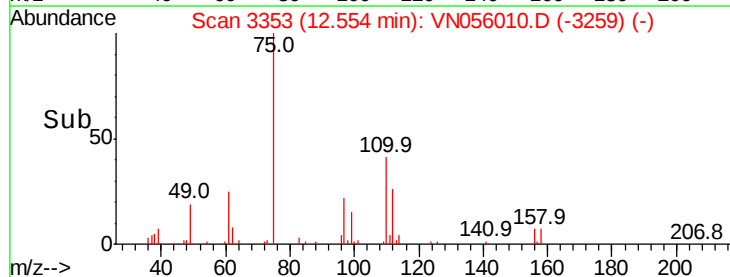
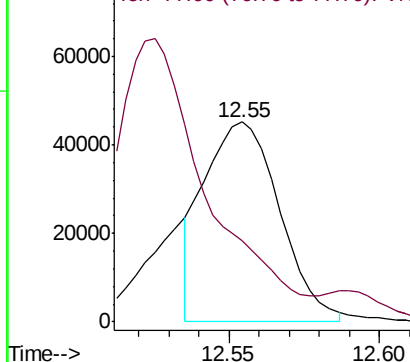
Lab File: VN056010.D

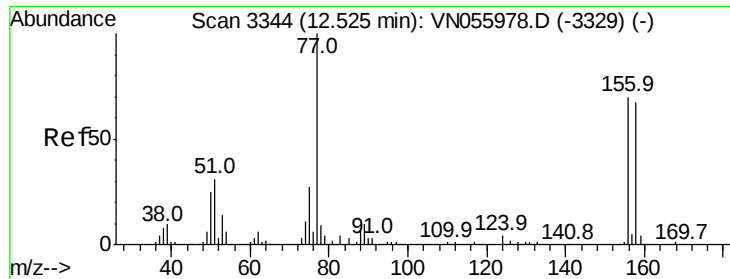
Acq: 5 Jun 2019 15:22

Tgt Ion:	75	Resp:	79000
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





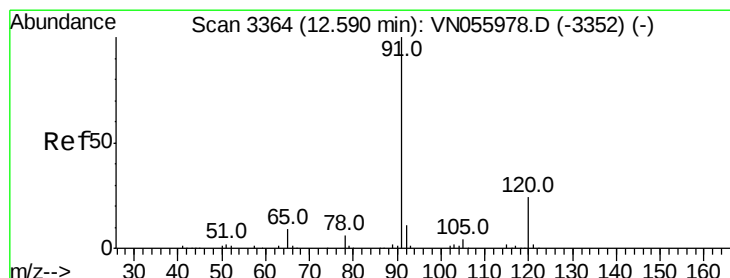
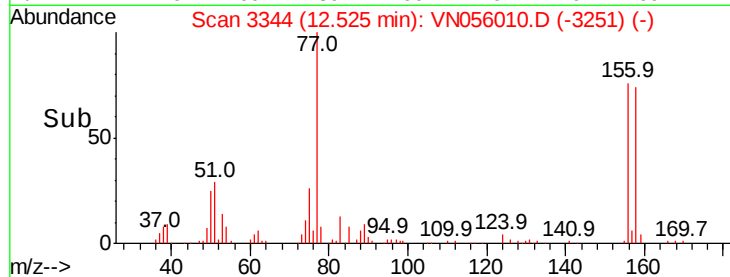
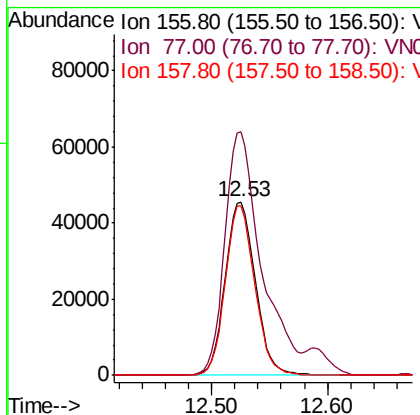
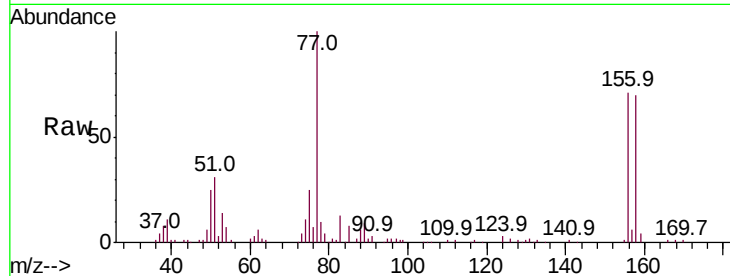
#77
Bromobenzene
Concen: 21.336 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.3	90.8	272.5
158	95.3	49.3	147.8

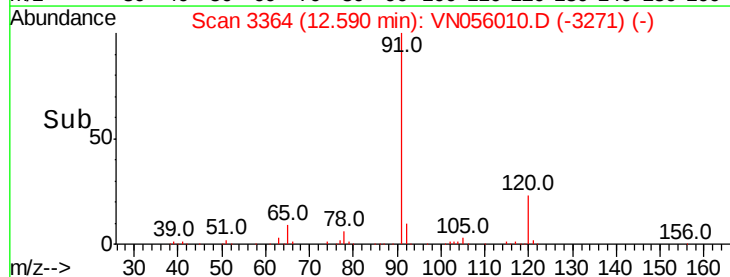
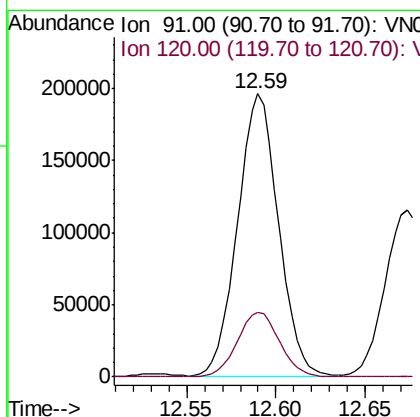
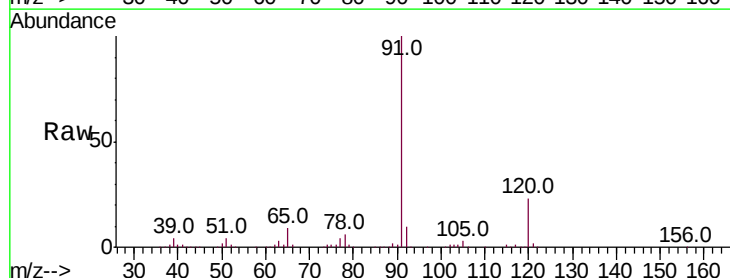
Manual Integrations
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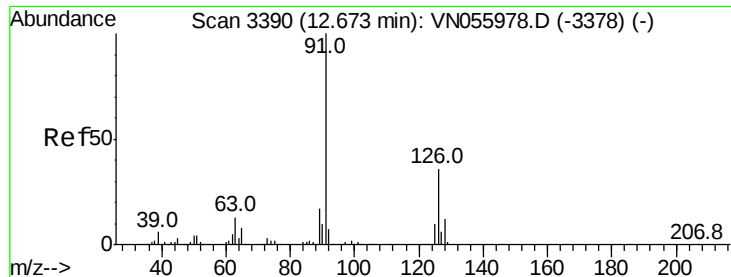
MMDadoda
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#78
n-propylbenzene
Concen: 20.654 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 21.707 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0605WBSD01

Tot Ion: 91 Resp: 193295

Ion Ratio Lower Upper

91 100

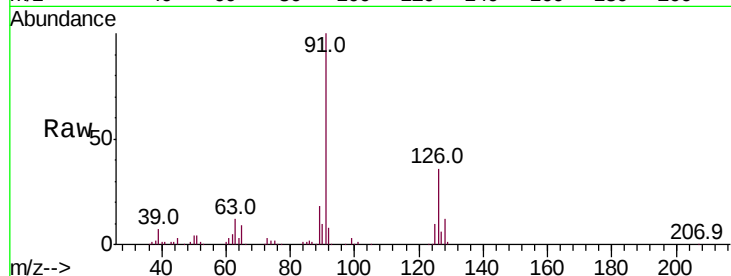
126 35.9 18.1 54.4

Manual Integrations

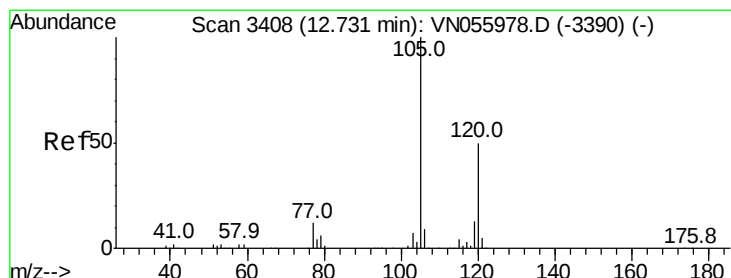
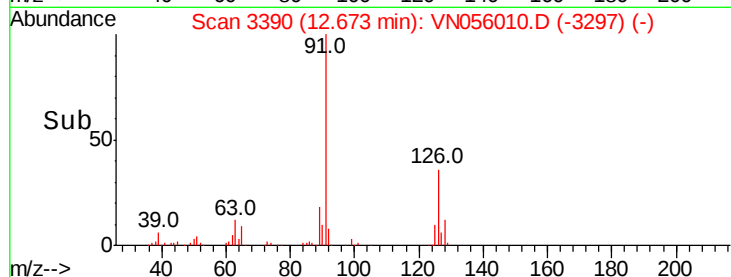
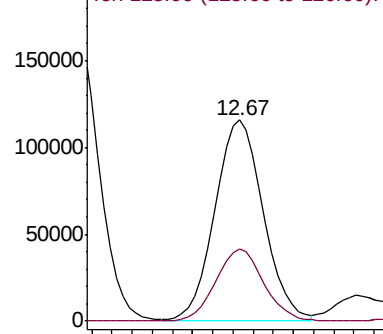
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Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.330 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056010.D

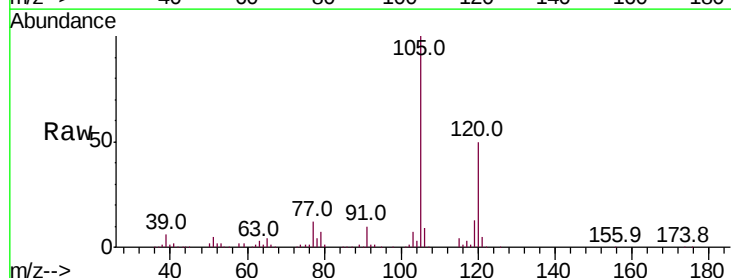
Acq: 5 Jun 2019 15:22

Tgt Ion: 105 Resp: 244587

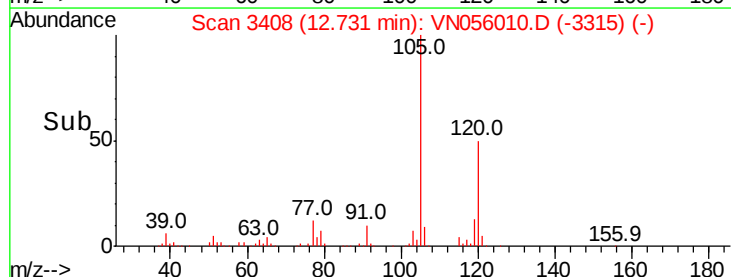
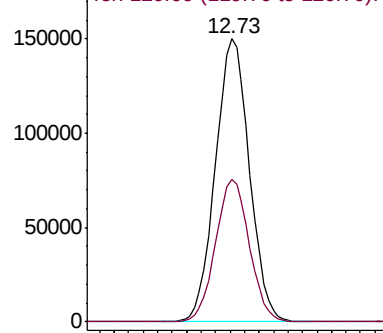
Ion Ratio Lower Upper

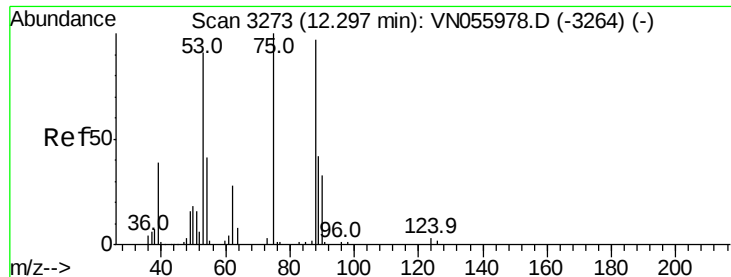
105 100

120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.957 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBSD01

Tot Ion: 75 Resp: 19731

Ion Ratio Lower Upper

75 100

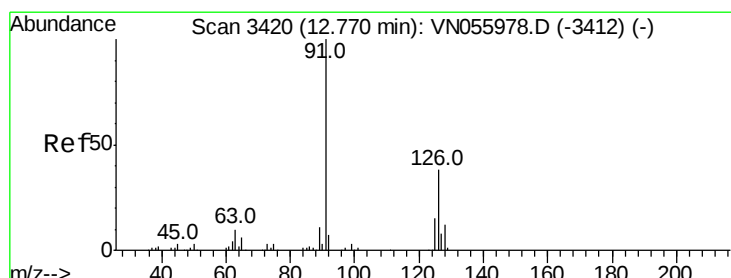
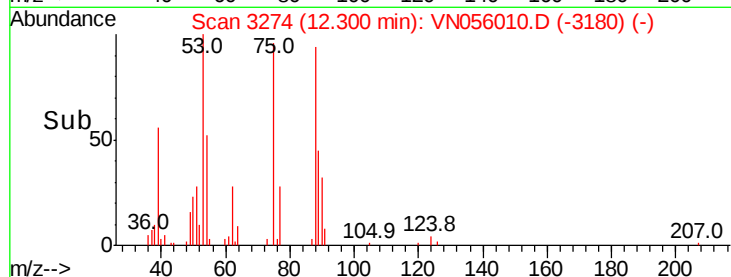
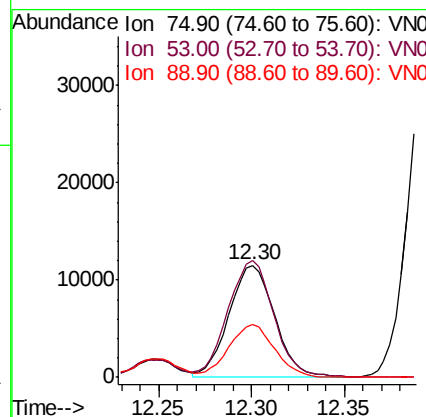
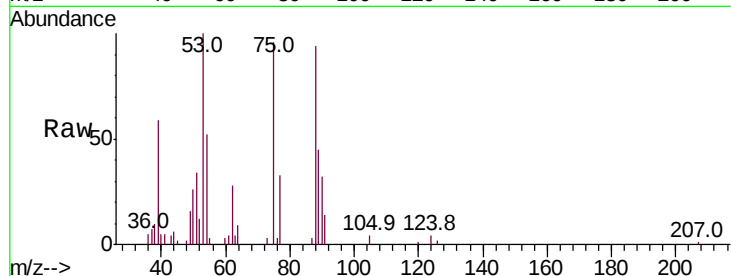
53 104.8 68.1 102.1#

89 46.9 36.9 55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.501 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056010.D

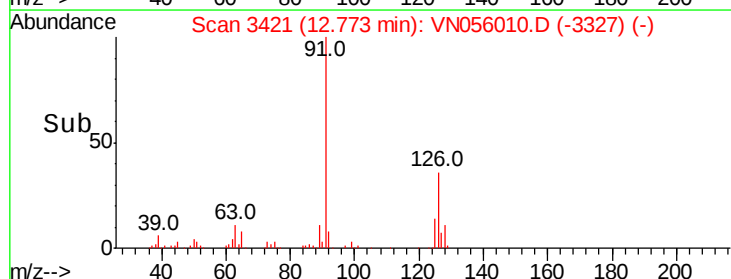
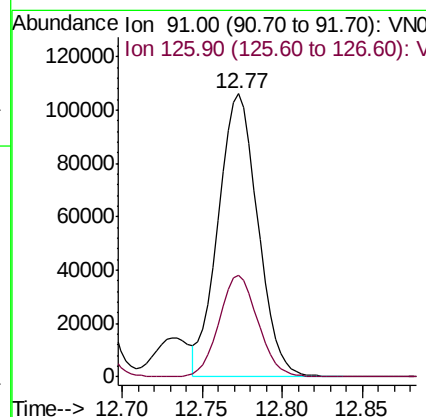
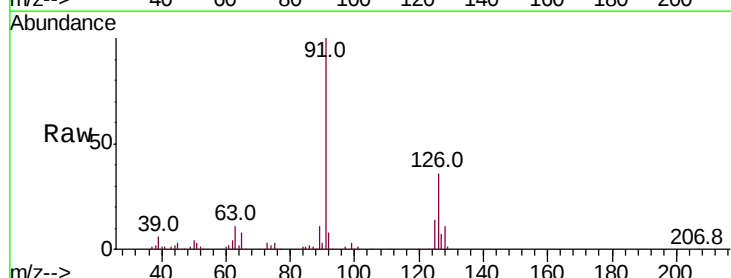
Acq: 5 Jun 2019 15:22

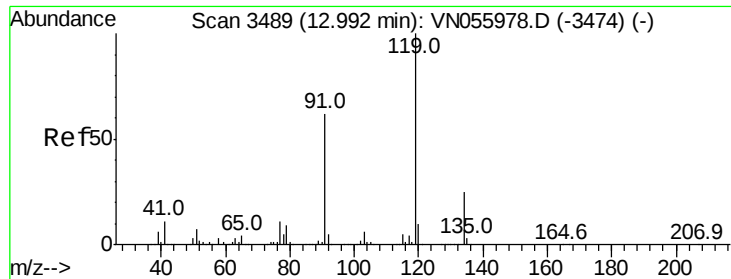
Tgt Ion: 91 Resp: 181557

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.3





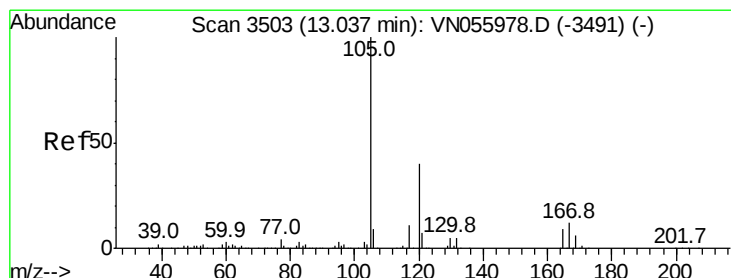
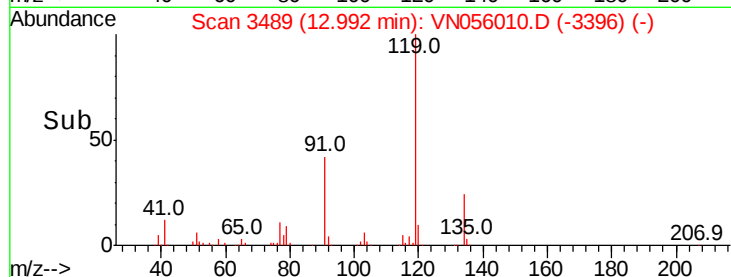
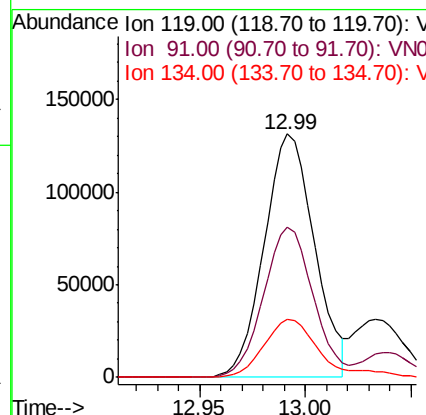
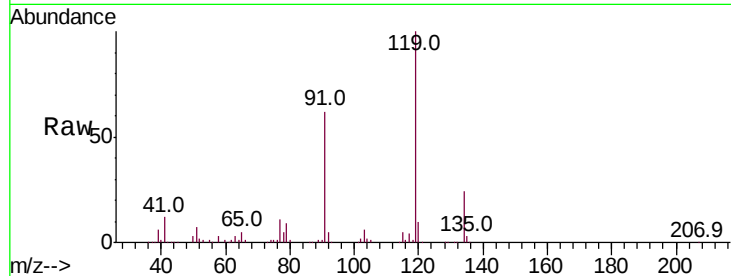
#83
tert-Butylbenzene
Concen: 21.808 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :
VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.9	92.8
134	26.5	13.3	39.8

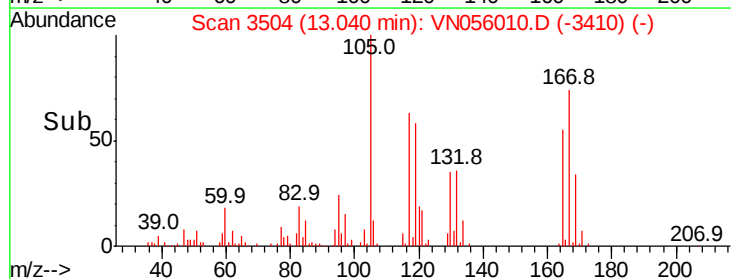
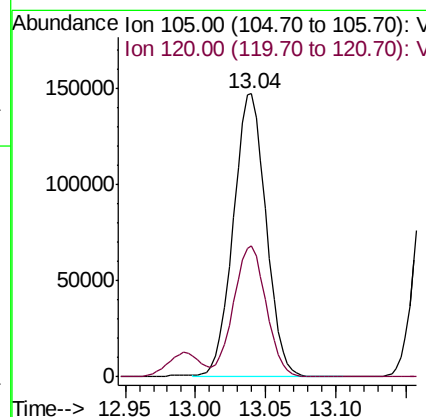
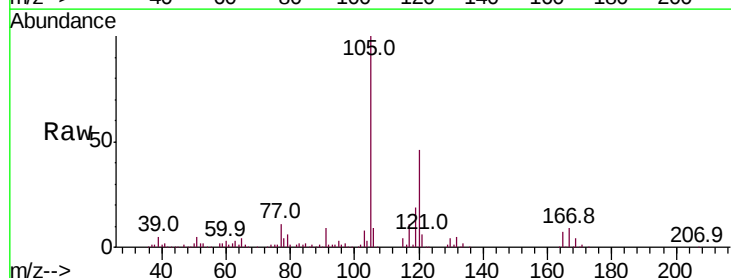
Manual Integrations
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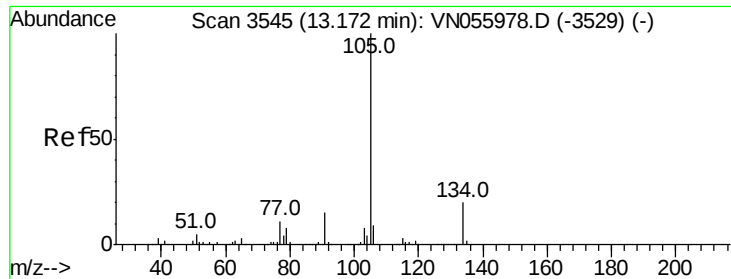
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#84
1,2,4-Trimethylbenzene
Concen: 20.938 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





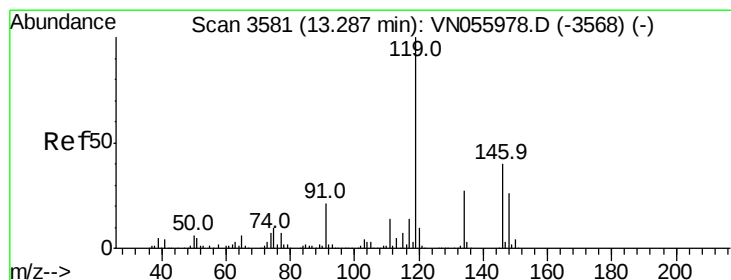
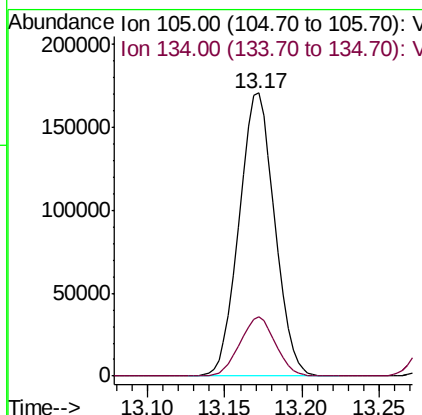
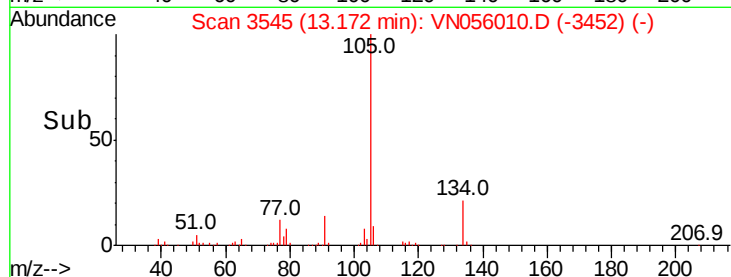
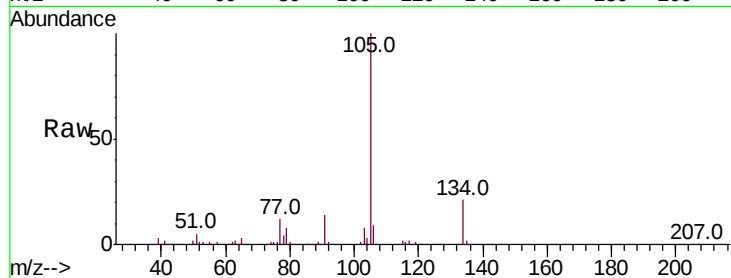
#85
 sec-Butylbenzene
 Concen: 20.379 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

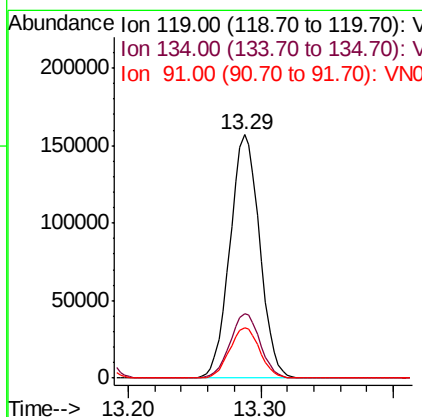
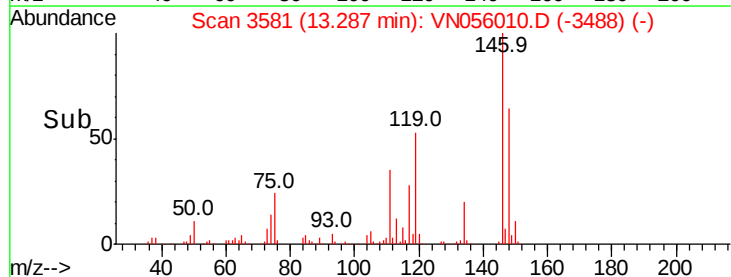
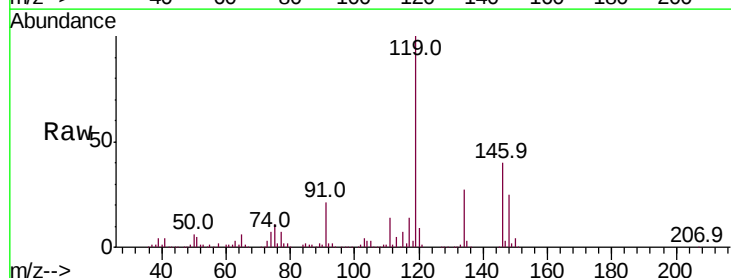
Manual Integrations
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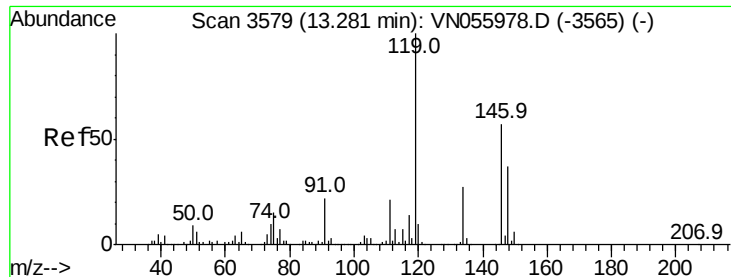
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#86
 p-Isopropyltoluene
 Concen: 20.372 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	21.0	10.9	32.9





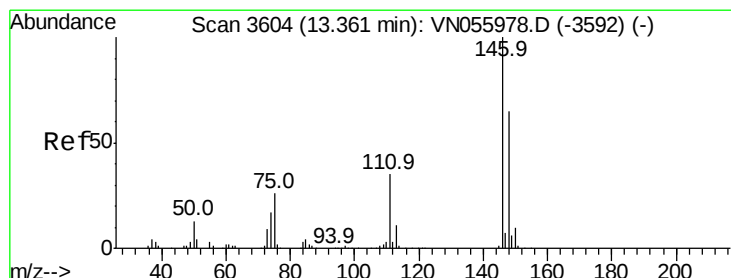
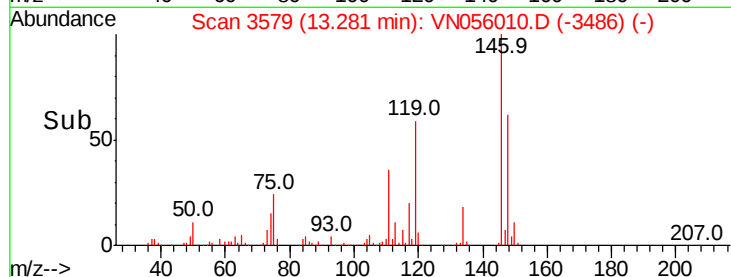
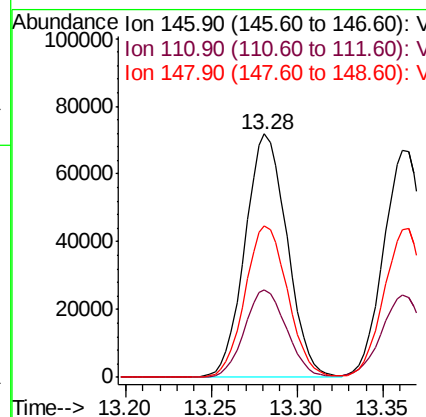
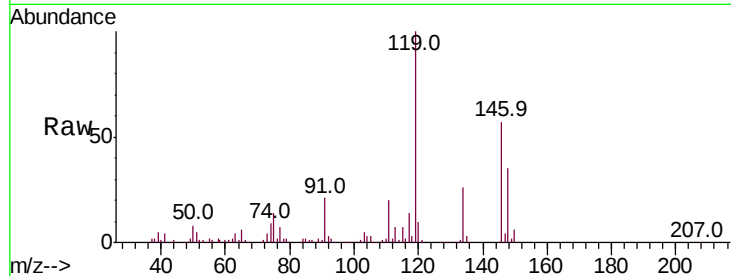
#87
 1,3-Dichlorobenzene
 Concen: 20.560 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.5	55.5
148	62.9	32.0	96.2

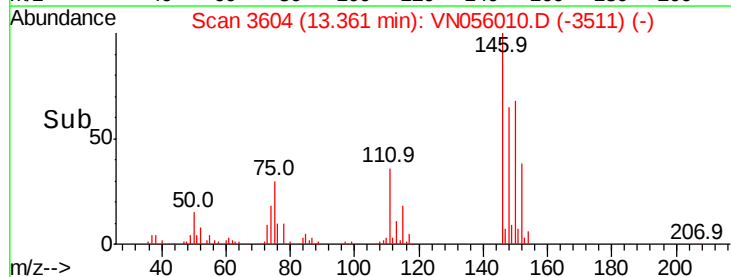
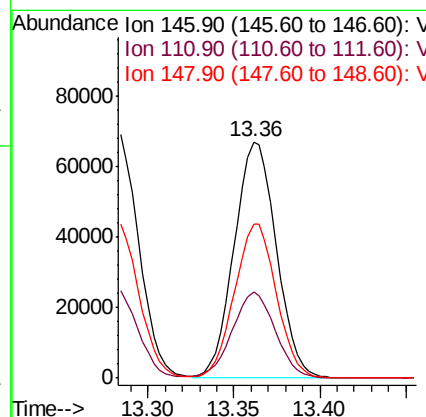
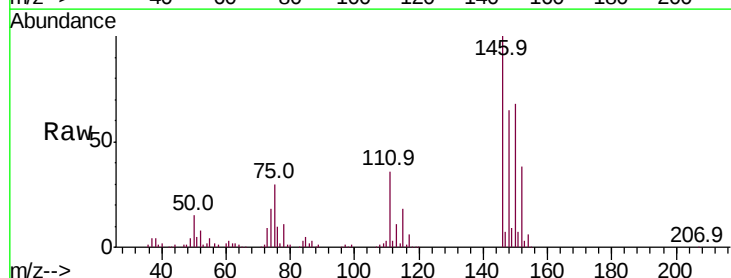
Manual Integrations
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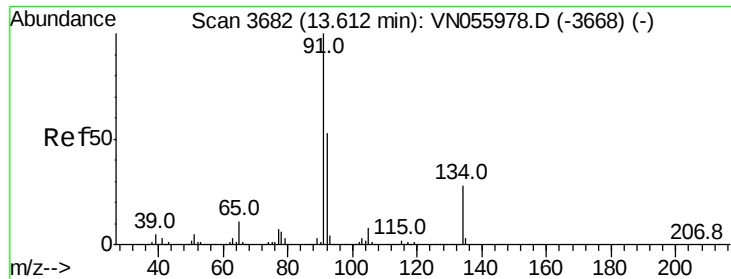
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 6/6/2019 12:04:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.052 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.4
148	64.8	32.1	96.5





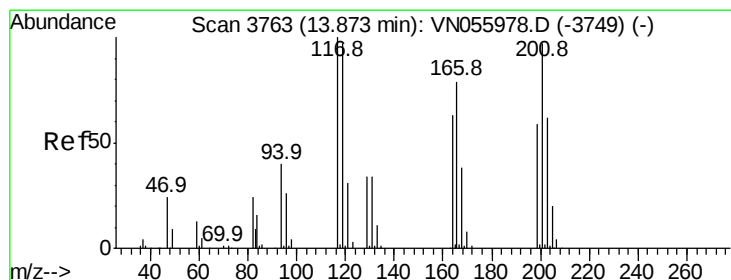
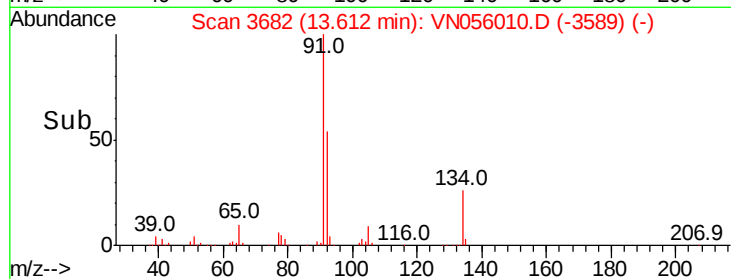
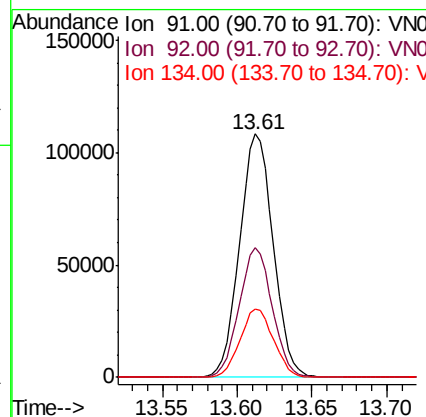
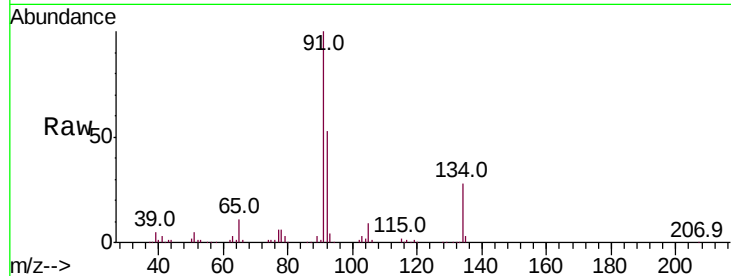
#89
n-Butylbenzene
Concen: 19.066 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	169456		
92	52.4	26.4	79.0	
134	28.0	13.9	41.7	

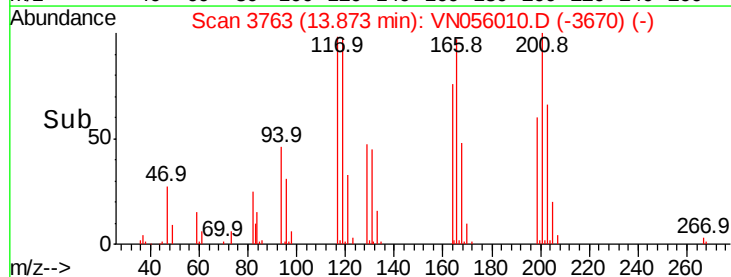
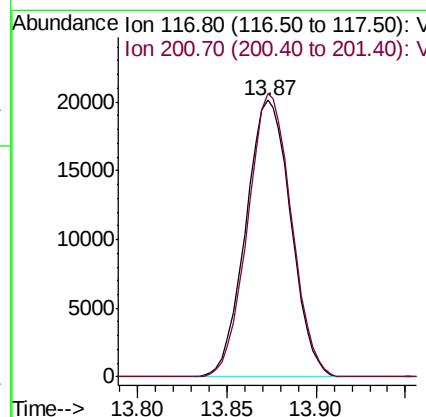
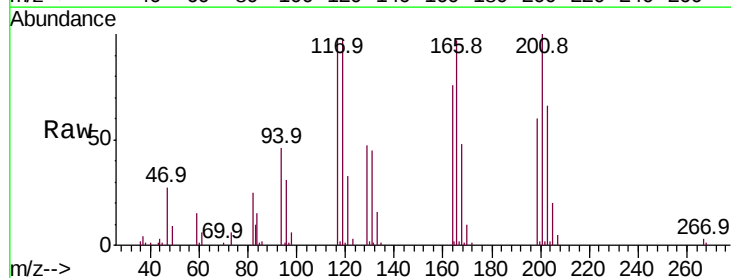
Manual Integrations
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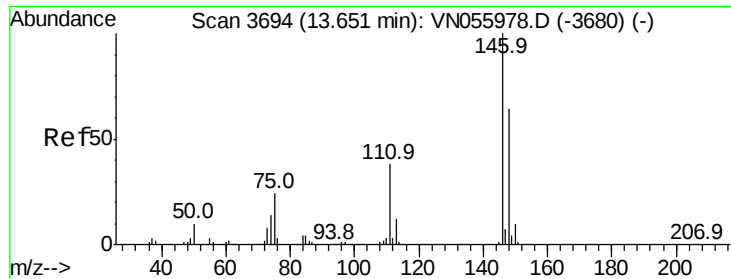
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#90
Hexachloroethane
Concen: 19.664 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35579		
201	99.3	50.0	150.0	





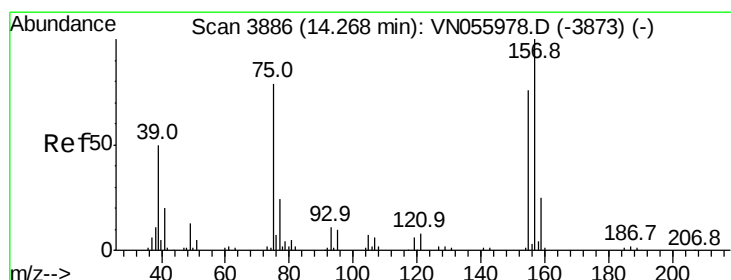
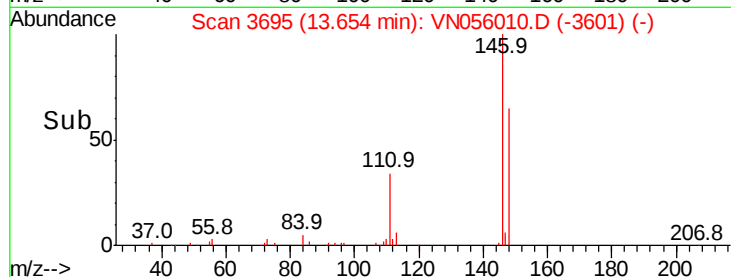
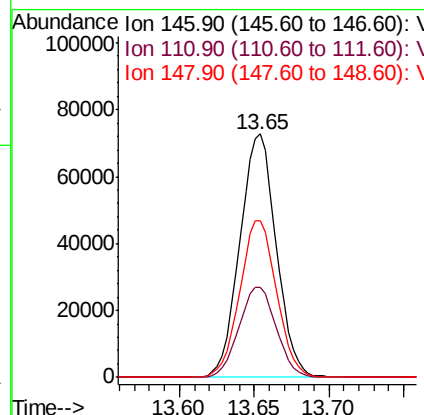
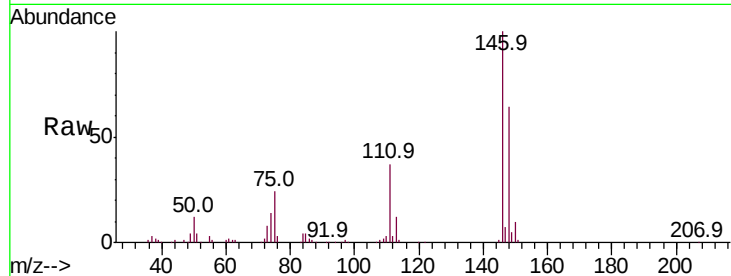
#91
 1,2-Dichlorobenzene
 Concen: 20.583 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123215		
111	37.9	19.1	57.5	
148	65.1	31.9	95.9	

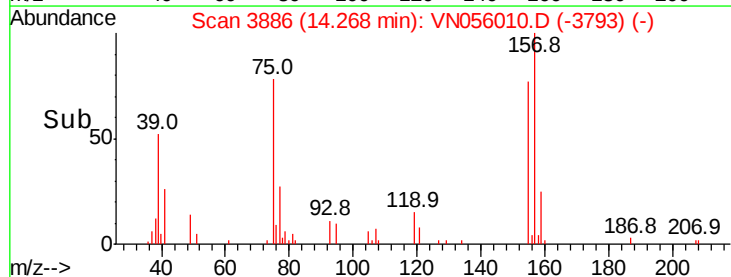
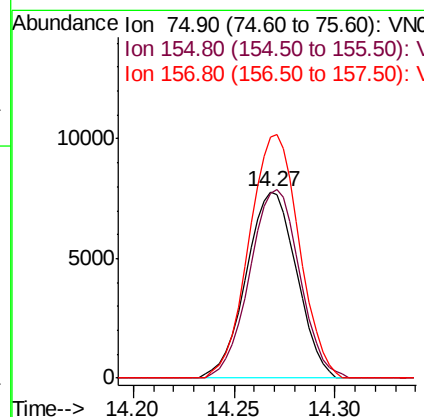
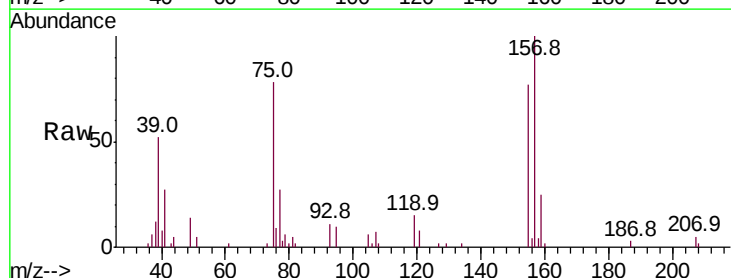
Manual Integrations
 APPROVED

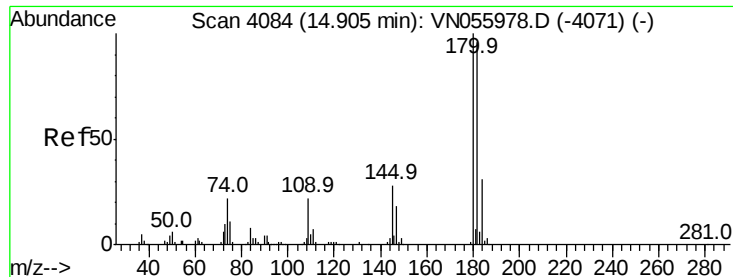
MMDadoda
 6/6/2019 12:04:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.893 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13601		
155	100.2	50.0	150.1	
157	129.8	64.8	194.3	





#93

1,2,4-Trichlorobenzene

Concen: 17.961 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

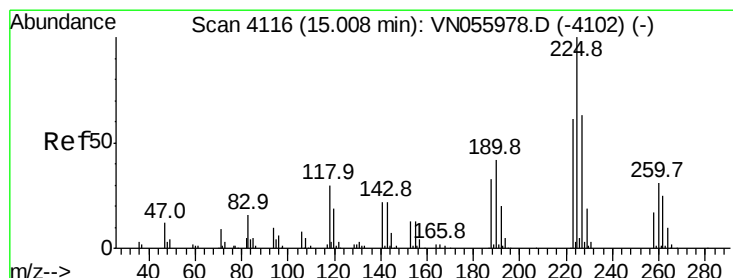
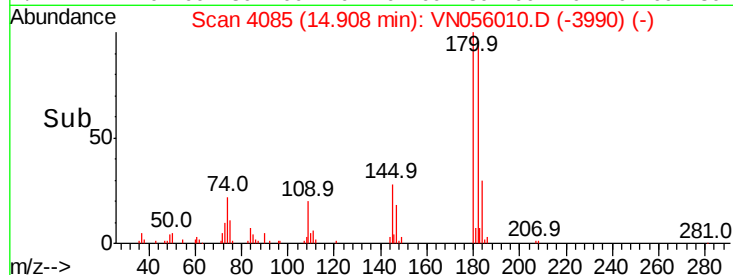
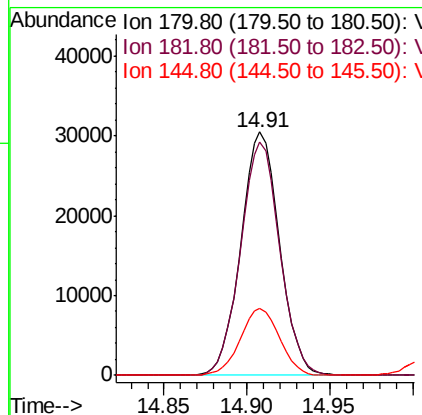
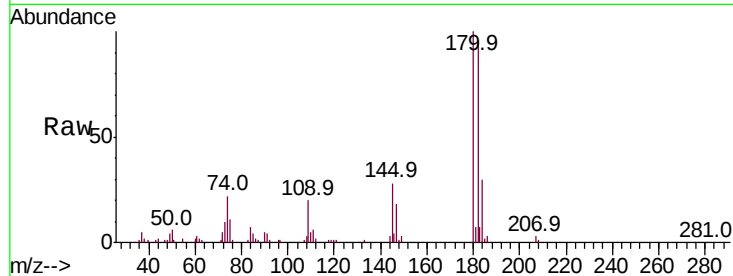
ClientSampled :

VN0605WBSD01

Tot Ion:	180	Resp:	49380
Ion Ratio	Lower	Upper	
180	100		
182	97.0	48.3	144.9
145	27.8	14.0	41.9

Manual Integrations
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6/6/2019 12:04:55 PM



#94

Hexachlorobutadiene

Concen: 19.938 ug/l

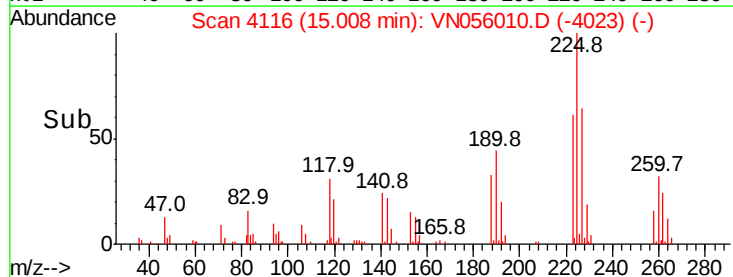
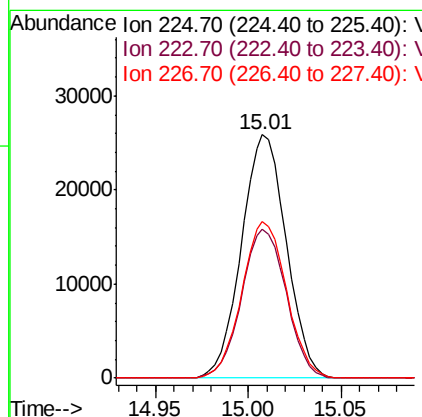
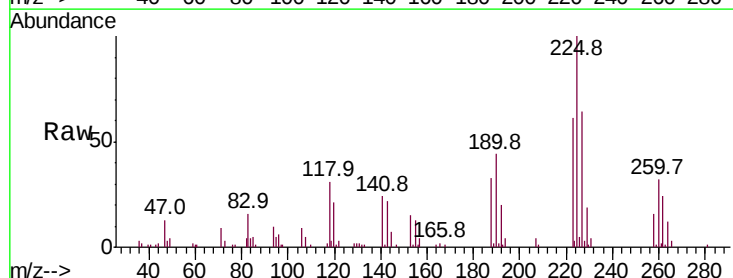
RT: 15.01 min Scan# 4116

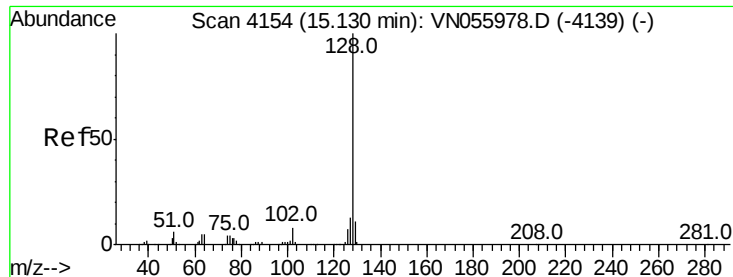
Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion:	225	Resp:	43508
Ion Ratio	Lower	Upper	
225	100		
223	60.9	30.9	92.7
227	64.0	31.6	94.7





#95

Naphthalene

Concen: 19.530 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

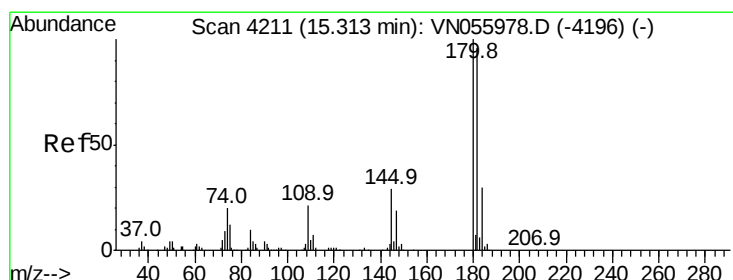
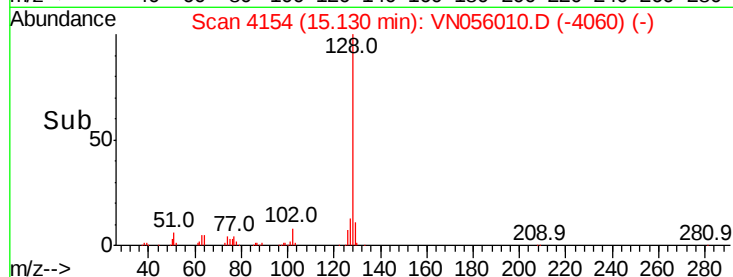
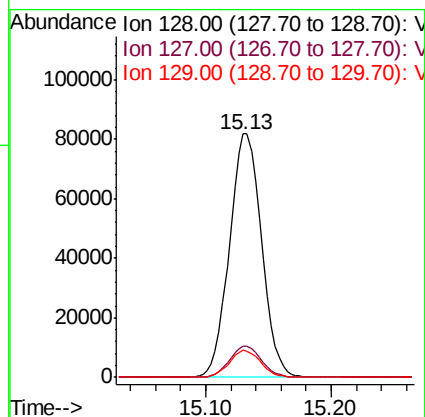
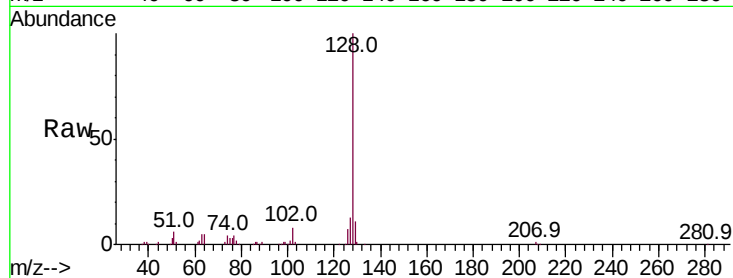
ClientSampleId :

VN0605WBSD01

Tot Ion:	128	Resp:	145384
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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6/6/2019 12:04:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.056 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion:	180	Resp:	57348
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.7
145	29.2	14.9	44.7

