

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056267.D
 Acq On : 12 Jun 2019 22:35
 Operator : JC/SP
 Sample : K3315-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:08:54 AM

Quant Time: Jun 13 06:05:08 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	292355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	400784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	134651	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.59	113	128990	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.09	98	461741	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	161289	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	132261	41.242	ug/l	99
3) Chloromethane	2.06	50	139146	43.906	ug/l	99
4) Vinyl Chloride	2.18	62	140609	44.231	ug/l	100
5) Bromomethane	2.52	94	84499	42.079	ug/l	99
6) Chloroethane	2.68	64	81025	43.960	ug/l	98
7) Trichlorofluoromethane	3.00	101	188459	46.438	ug/l	99
8) Diethyl Ether	3.40	74	73989	44.334	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115947	47.033	ug/l	95
10) Methyl Iodide	3.94	142	177581	45.329	ug/l	100
11) Tert butyl alcohol	4.82	59	120497	238.534	ug/l	99
12) 1,1-Dichloroethene	3.72	96	113220	46.132	ug/l	95
13) Acrolein	3.60	56	31245	214.461	ug/l	96
14) Allyl chloride	4.31	41	177275	45.743	ug/l	98
15) Acrylonitrile	4.99	53	341161	277.435	ug/l	99
16) Acetone	3.82	43	279730	201.486	ug/l	99
17) Carbon Disulfide	4.04	76	249004	42.373	ug/l	99
18) Methyl Acetate	4.33	43	157150	57.715	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	370864	47.406	ug/l	98
20) Methylene Chloride	4.54	84	135260	47.289	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	120877	45.967	ug/l	97
22) Diisopropyl ether	5.96	45	378070	47.193	ug/l	99
23) Vinyl Acetate	5.90	43	1536479	243.547	ug/l	99
24) 1,1-Dichloroethane	5.84	63	219963	47.600	ug/l	99
25) 2-Butanone	6.84	43	447042	254.853	ug/l	98
26) 2,2-Dichloropropane	6.82	77	115439	32.014	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	165751	53.622	ug/l	93
28) Bromochloromethane	7.19	49	108823	49.797	ug/l	92
29) Tetrahydrofuran	7.22	42	294259	271.384	ug/l	98
30) Chloroform	7.37	83	232972	50.116	ug/l	98
31) Cyclohexane	7.65	56	188637	40.953	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	189999	48.944	ug/l	99
36) 1,1-Dichloropropene	7.79	75	158913	46.113	ug/l	98
37) Ethyl Acetate	6.93	43	170303	55.541	ug/l	100
38) Carbon Tetrachloride	7.77	117	167820	52.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	194601	45.330	ug/l	96
40) Benzene	8.04	78	517976	49.487	ug/l	100
41) Methacrylonitrile	7.18	41	86982	61.655	ug/l	99
42) 1,2-Dichloroethane	8.12	62	165541	49.168	ug/l	99
43) Isopropyl Acetate	8.17	43	257325	51.788	ug/l #	91
44) Trichloroethene	8.83	130	276275	91.858	ug/l	95
45) 1,2-Dichloropropane	9.12	63	136236	50.815	ug/l	100
46) Dibromomethane	9.21	93	91872	52.403	ug/l	92
47) Bromodichloromethane	9.40	83	175158	55.125	ug/l	99
48) Methyl methacrylate	9.20	41	131061	53.915	ug/l	96
49) 1,4-Dioxane	9.21	88	62829	1197.206	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	877058	282.263	ug/l	99
52) Toluene	10.16	92	326991	50.205	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	161402	43.645	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	188630	49.388	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	138339	53.621	ug/l	99
56) Ethyl methacrylate	10.43	69	199047	52.884	ug/l	99
57) 1,3-Dichloropropane	10.71	76	217765	51.922	ug/l	99
59) 2-Hexanone	10.75	43	620609	275.575	ug/l	99
60) Dibromochloromethane	10.90	129	153242	53.666	ug/l	98
61) 1,2-Dibromoethane	11.00	107	145899	55.317	ug/l	100
64) Tetrachloroethene	10.63	164	153754	48.234	ug/l	97
65) Chlorobenzene	11.43	112	364168	49.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141635	55.968	ug/l	99
67) Ethyl Benzene	11.51	91	616692	48.391	ug/l	99
68) m/p-Xylenes	11.62	106	486760	99.985	ug/l	96
69) o-Xylene	11.95	106	239212	49.952	ug/l	97
70) Stvrene	11.96	104	399403	52.493	ug/l	99
71) Bromoform	12.13	173	122084	57.053	ug/l #	100
73) Isopropylbenzene	12.25	105	621036	49.053	ug/l	99
74) N-amyl acetate	12.07	43	213160	45.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	196192	47.627	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	158849m	48.650	ug/l	
77) Bromobenzene	12.53	156	179155	47.156	ug/l	92
78) n-propylbenzene	12.59	91	657280	43.783	ug/l	98
79) 2-Chlorotoluene	12.67	91	410147	49.220	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	522036	43.755	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42200	43.040	ug/l	89
82) 4-Chlorotoluene	12.77	91	393517	44.806	ug/l	97
83) tert-Butylbenzene	12.99	119	463653	50.091	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	507869	44.888	ug/l	98
85) sec-Butylbenzene	13.17	105	584480	43.964	ug/l	98
86) p-Isopropyltoluene	13.29	119	531555	44.675	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	280358	47.680	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268726	47.509	ug/l	99
89) n-Butylbenzene	13.61	91	370162	41.997	ug/l	99
90) Hexachloroethane	13.87	117	92282	51.429	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	285496	48.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31833	54.028	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	130754	40.825	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	113402	55.943	ug/l	99
95) Naphthalene	15.13	128	329798	39.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147449	44.576	ug/l	99

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

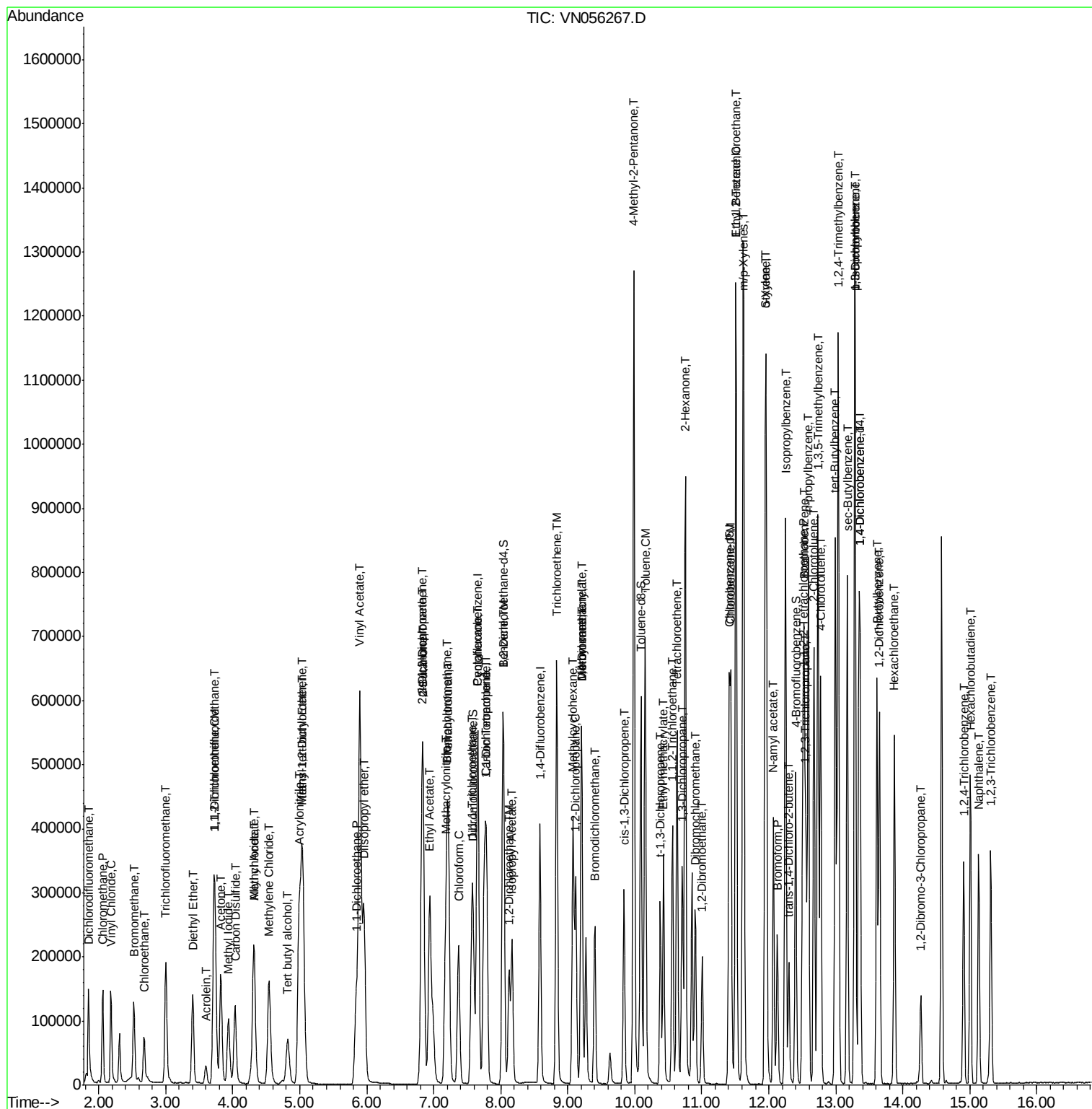
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion:168 Resp: 292355

Ion Ratio Lower Upper

168 100

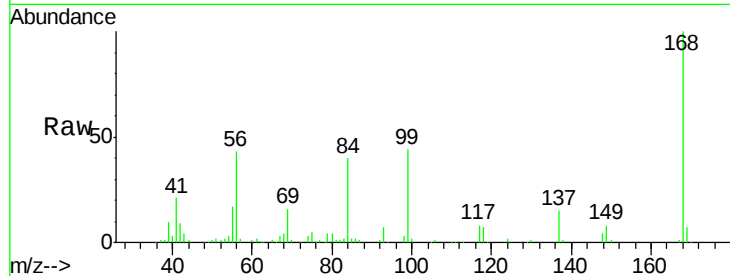
99 43.9 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

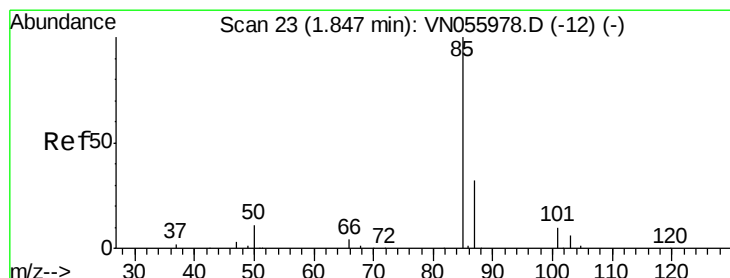
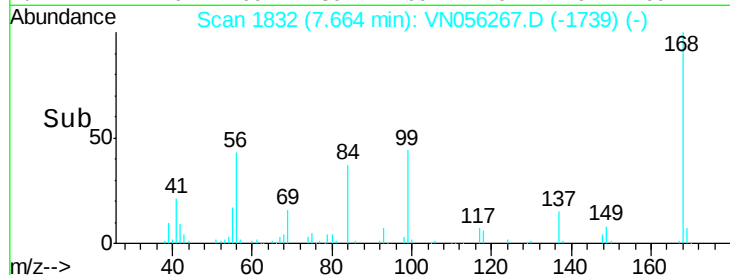
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.242 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056267.D

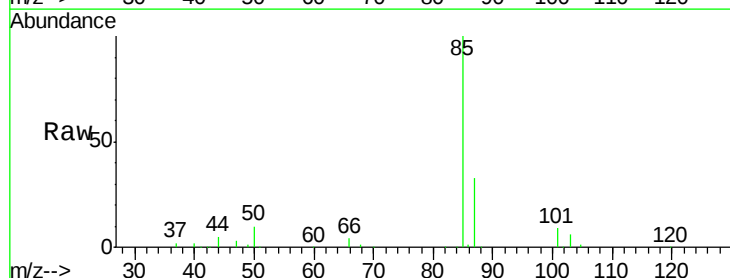
Acq: 12 Jun 2019 22:35

Tgt Ion: 85 Resp: 132261

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

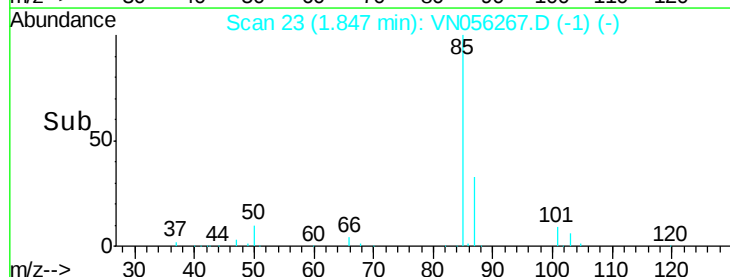
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.906 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 50 Resp: 139146

Ion Ratio Lower Upper

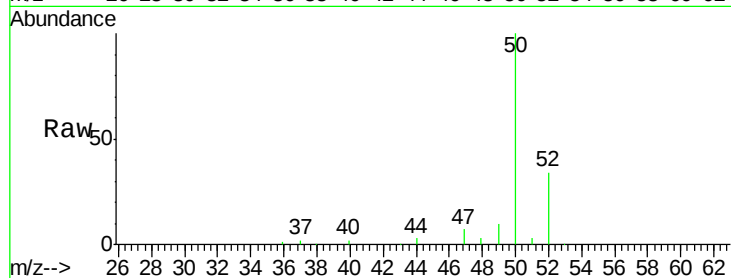
50 100

52 33.9 26.6 40.0

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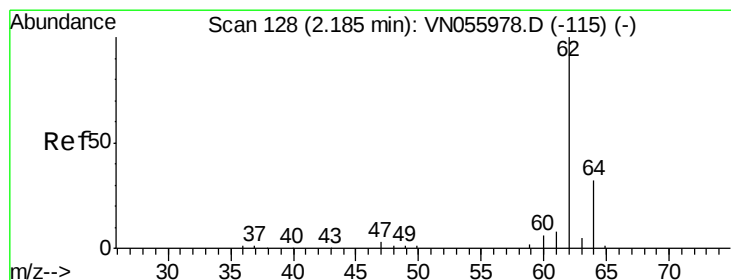
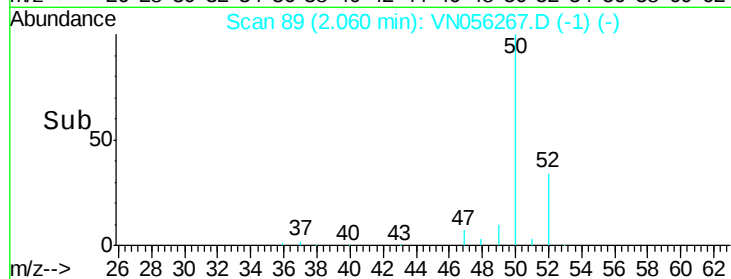
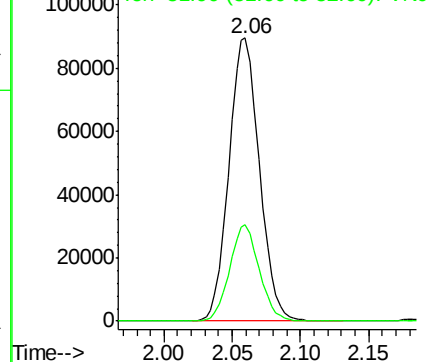
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.231 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056267.D

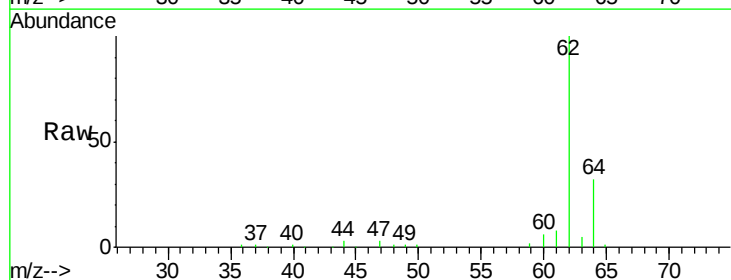
Acq: 12 Jun 2019 22:35

Tgt Ion: 62 Resp: 140609

Ion Ratio Lower Upper

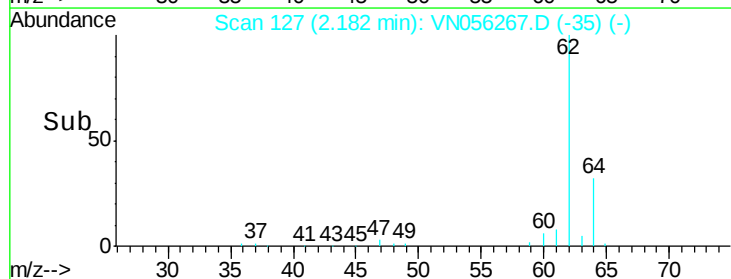
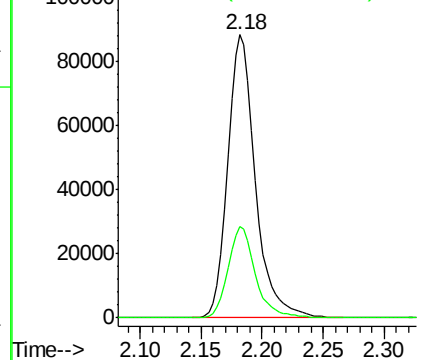
62 100

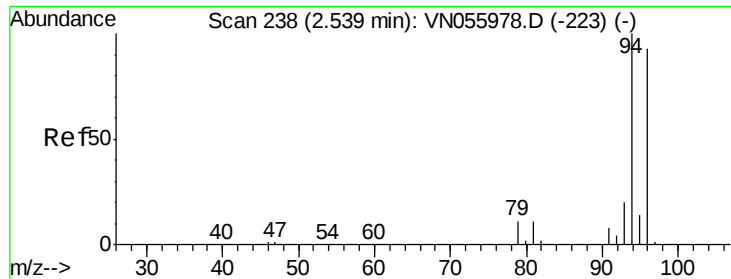
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 42.079 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.02 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 84499

Ion Ratio Lower Upper

94 100

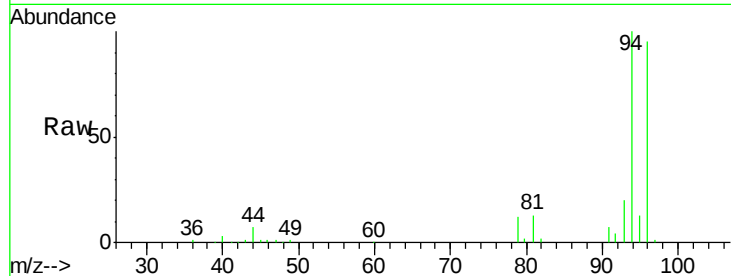
96 95.2 75.5 113.3

Manual Integrations

APPROVED

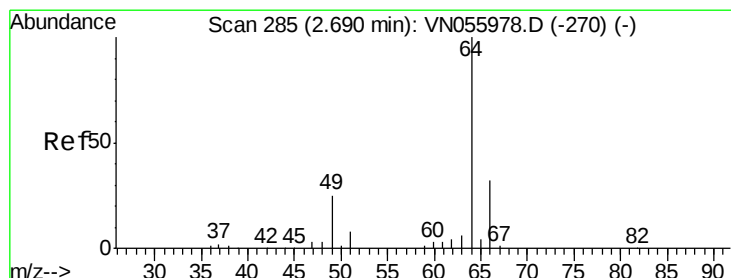
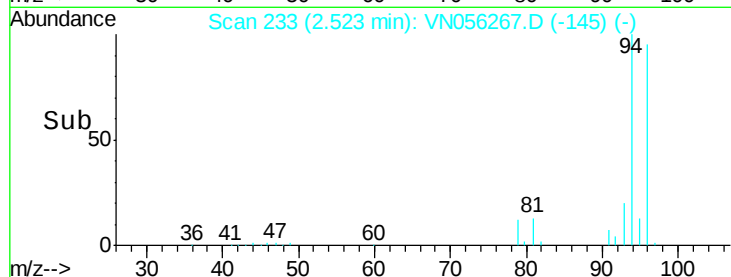
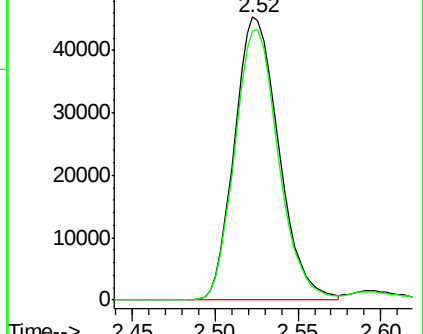
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.960 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN056267.D

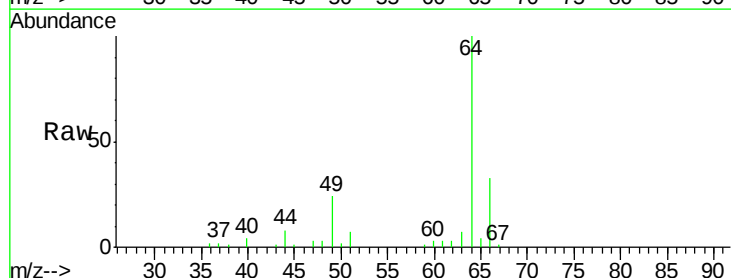
Acq: 12 Jun 2019 22:35

Tgt Ion: 64 Resp: 81025

Ion Ratio Lower Upper

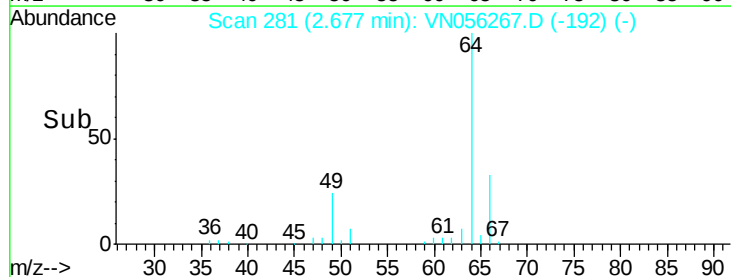
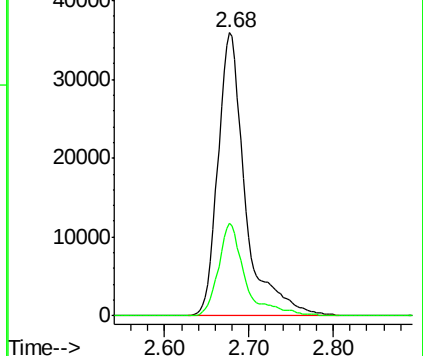
64 100

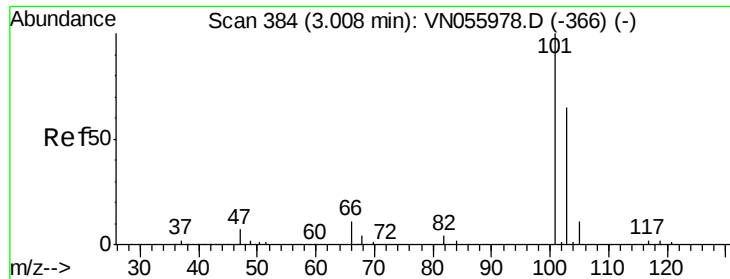
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

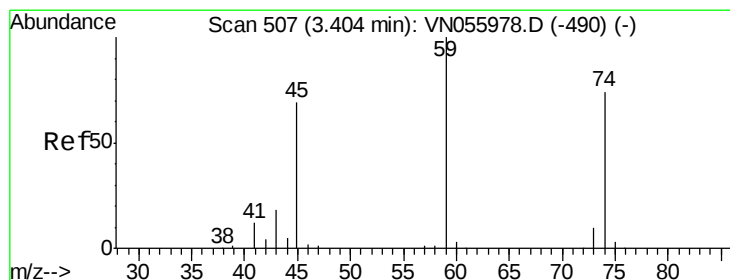
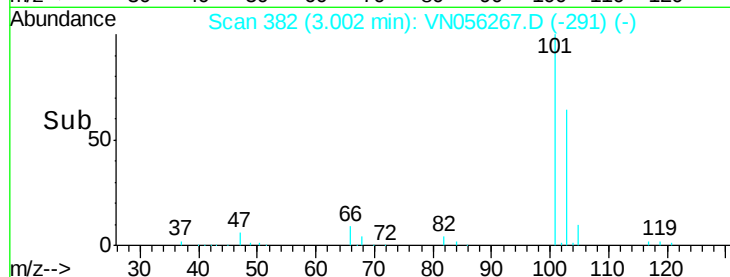
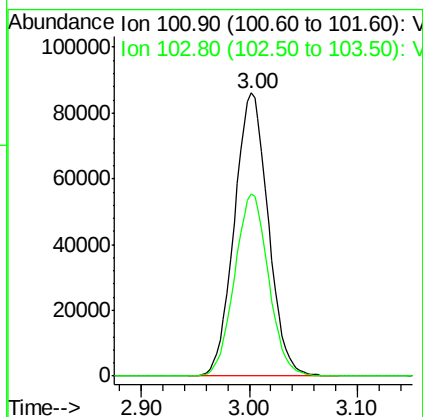
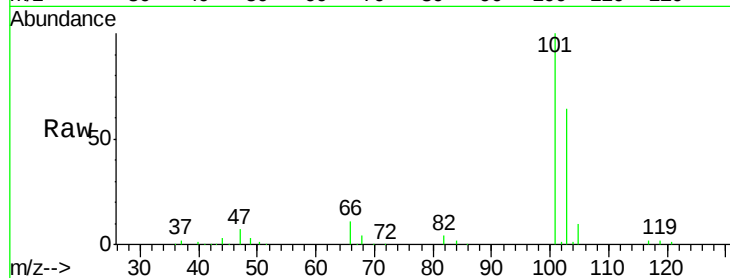
Trichlorofluoromethane
Concen: 46.438 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.2	76.8

Manual Integrations
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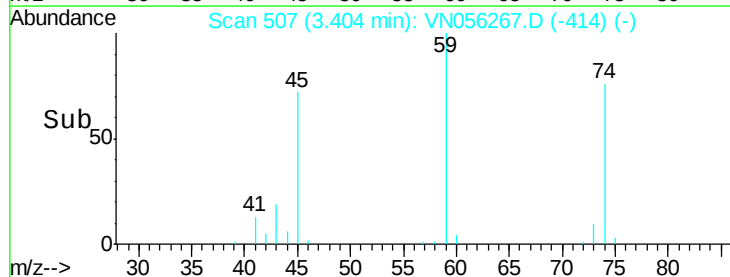
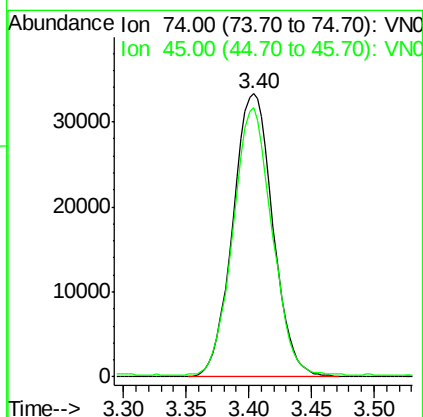
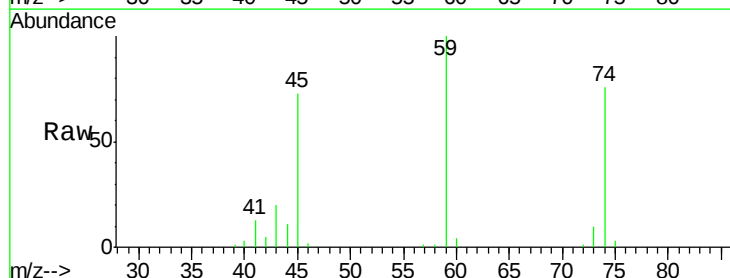
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#8

Diethyl Ether
Concen: 44.334 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.033 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

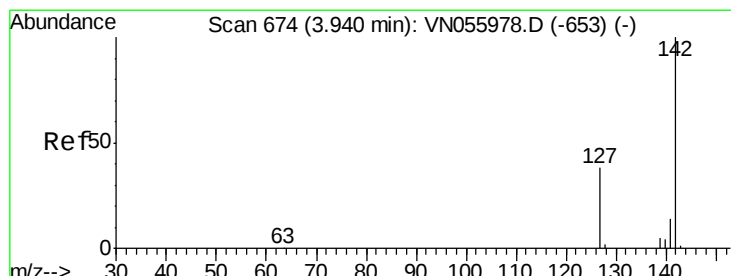
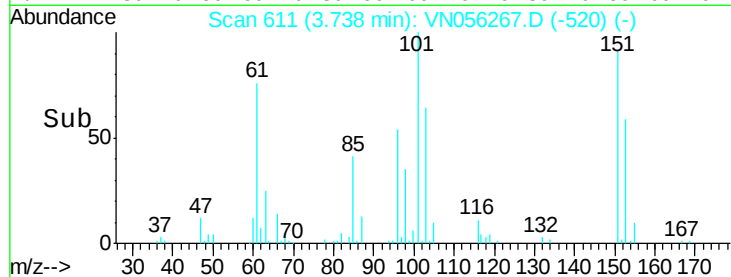
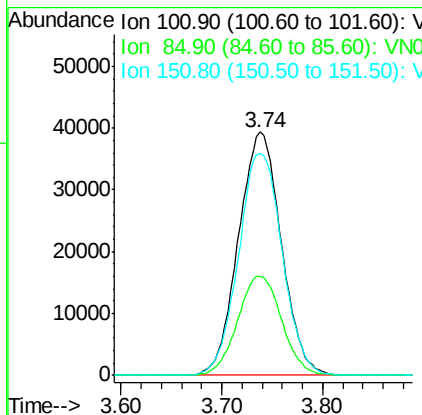
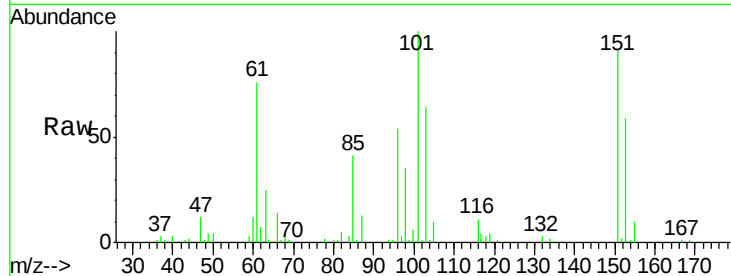
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	101	Resp:	115947
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.2
151	93.4	69.4	104.2

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#10

Methyl Iodide

Concen: 45.329 ug/l

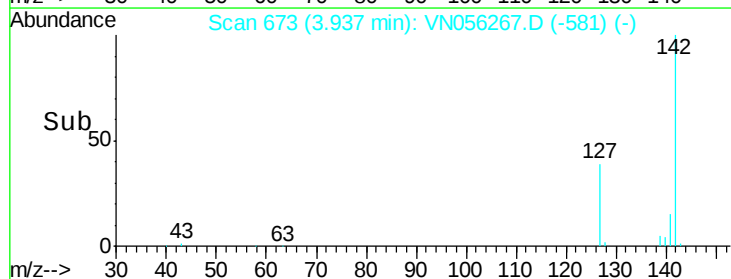
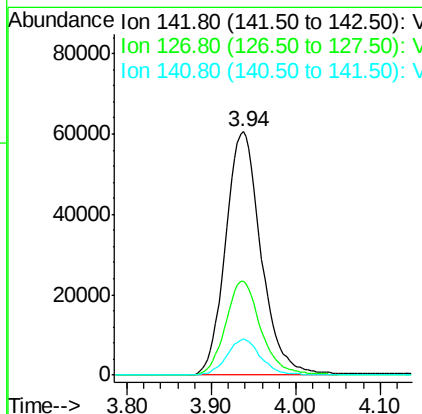
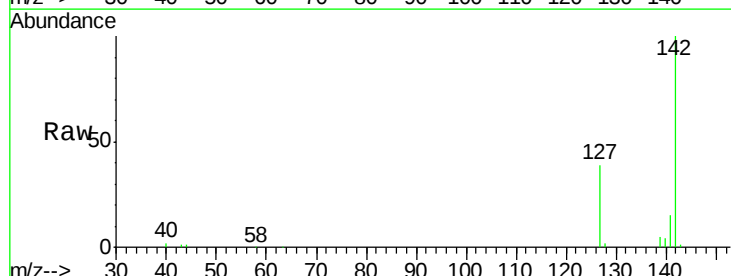
RT: 3.94 min Scan# 673

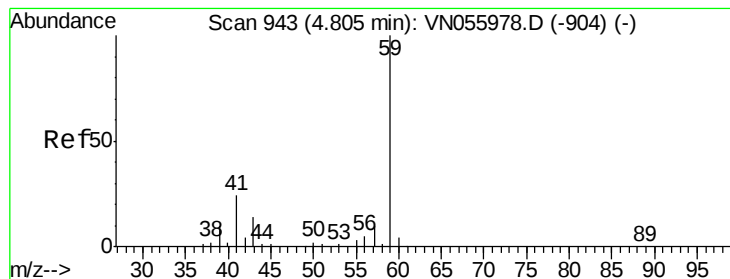
Delta R.T. -0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	142	Resp:	177581
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	14.2	11.4	17.0





#11

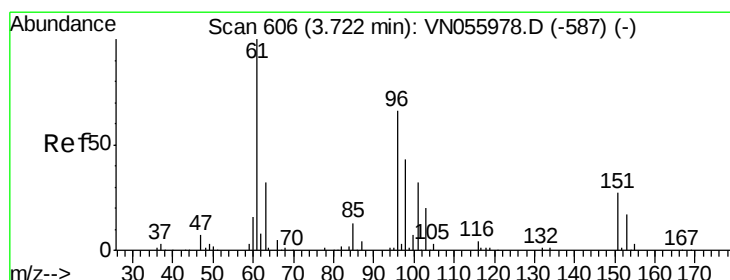
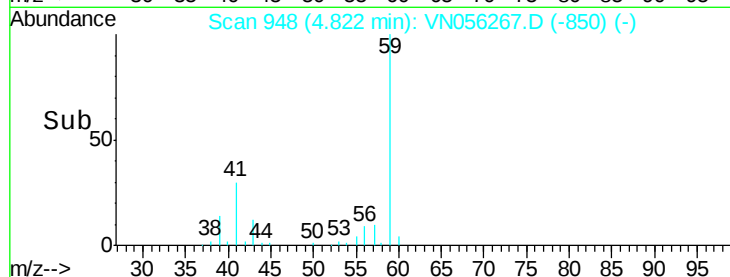
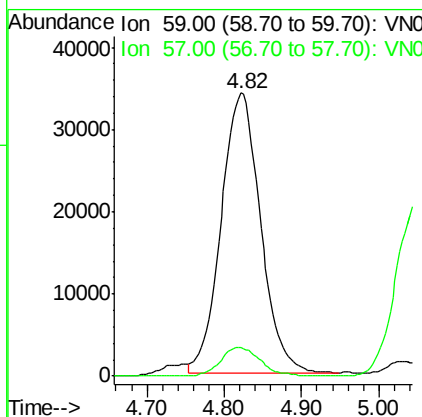
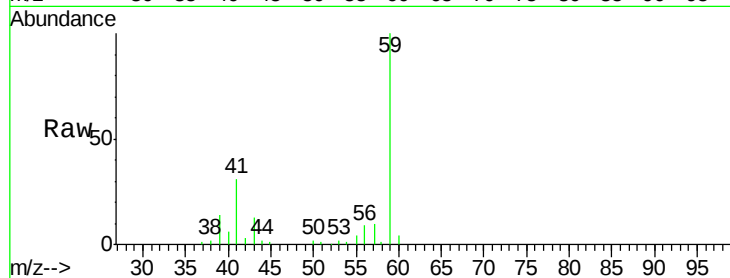
Tert butyl alcohol
Concen: 238.534 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.02 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

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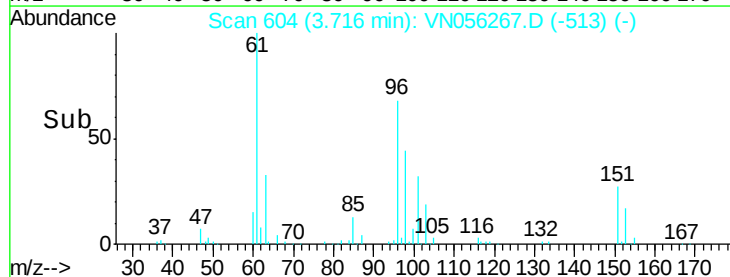
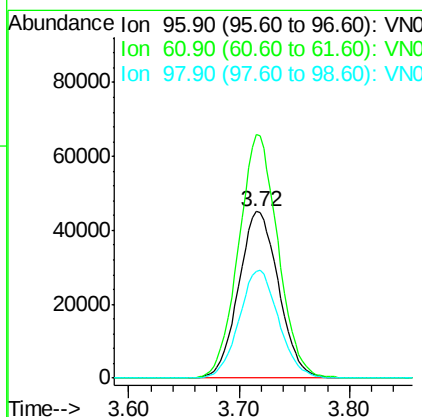
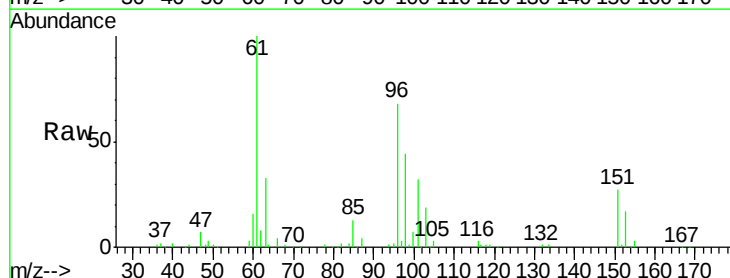
MMDadoda
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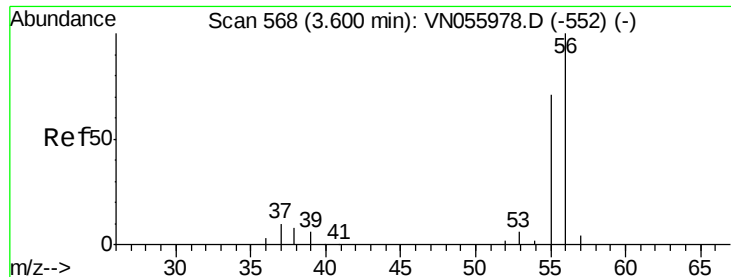


#12

1,1-Dichloroethene
Concen: 46.132 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.01 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.1	123.2	184.8
98	64.2	50.4	75.6





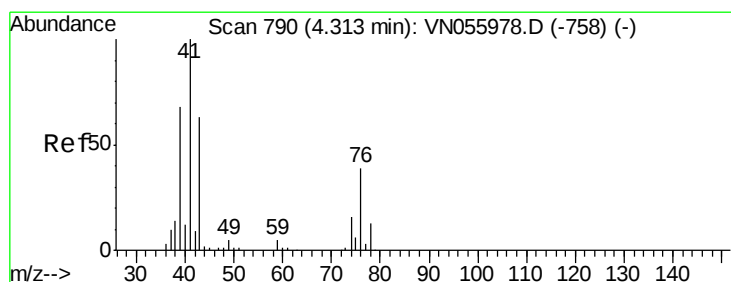
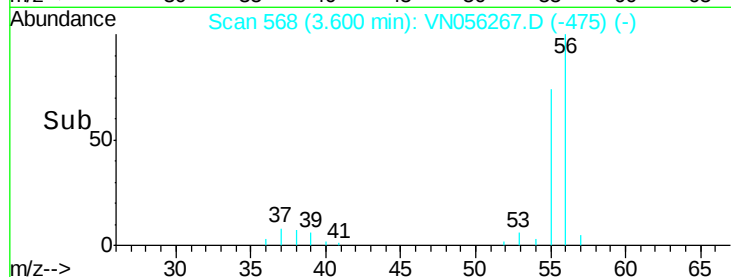
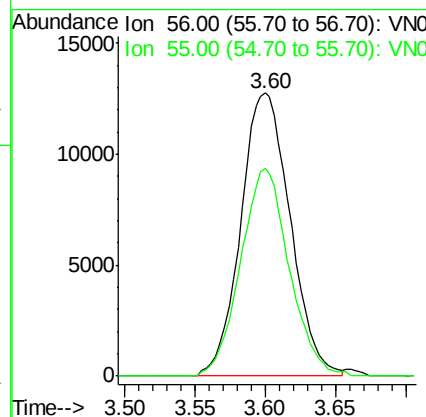
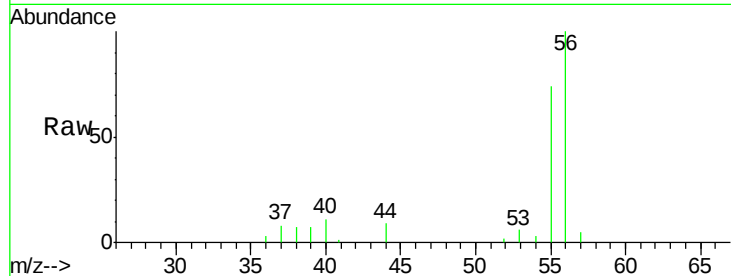
#13
Acrolein
Concen: 214.461 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	55.4	83.2

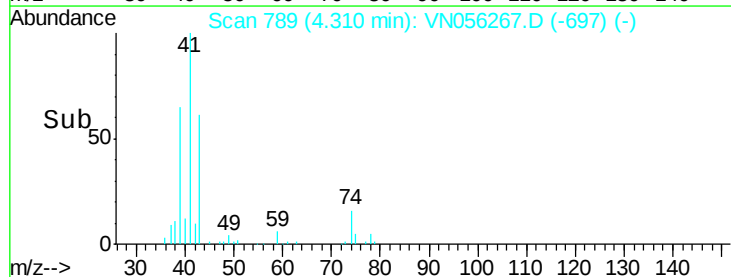
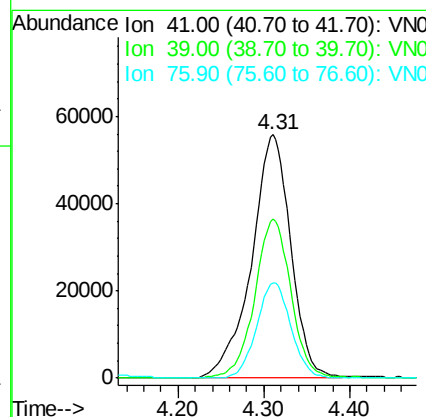
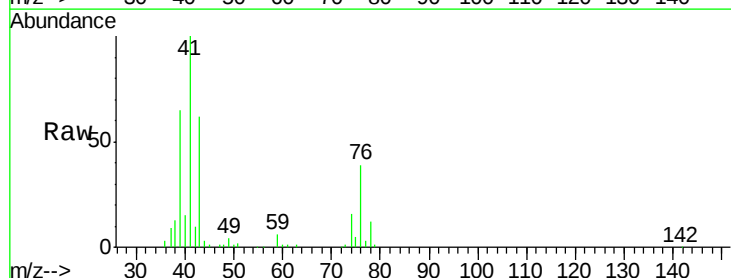
Manual Integrations
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#14
Allyl chloride
Concen: 45.743 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.4	50.0	75.0
76	34.1	28.2	42.2





#15

Acrylonitrile

Concen: 277.435 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

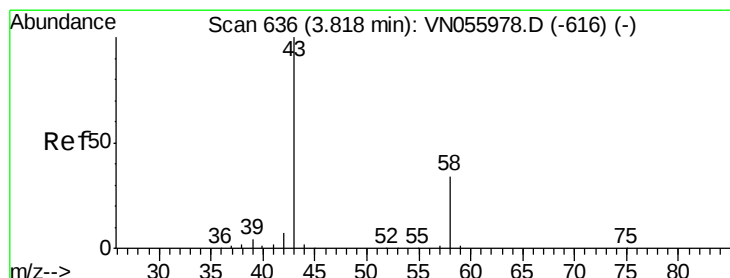
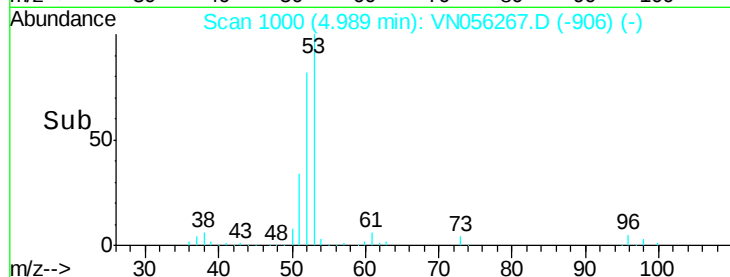
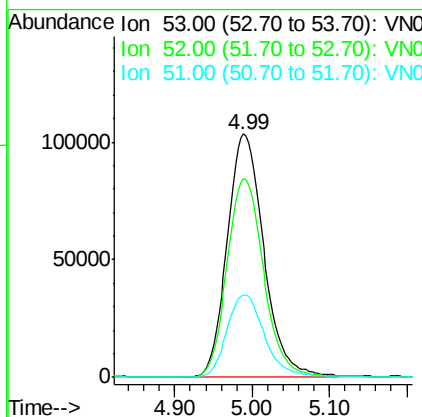
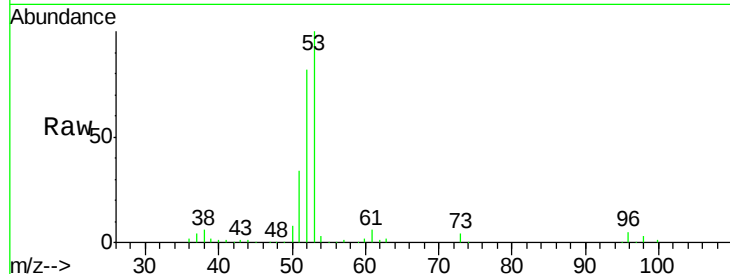
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	53	Resp:	341161
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.8	98.8
51	35.0	28.2	42.4

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#16

Acetone

Concen: 201.486 ug/l

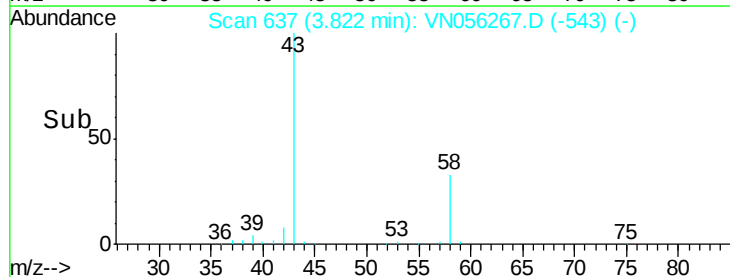
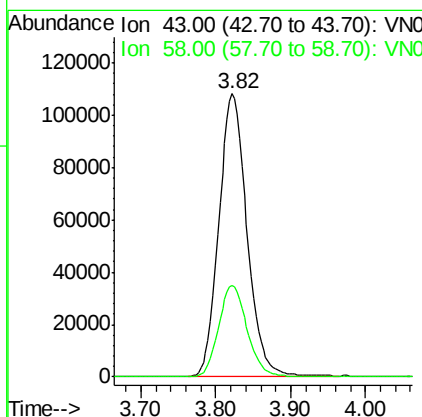
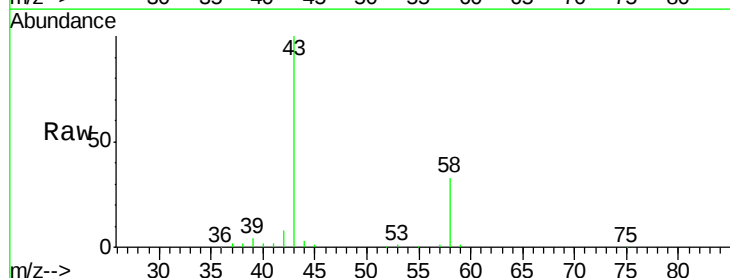
RT: 3.82 min Scan# 637

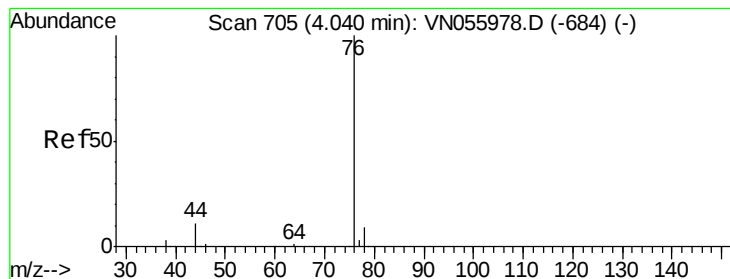
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	43	Resp:	279730
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.6	39.8





#17

Carbon Disulfide

Concen: 42.373 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 76 Resp: 249004

Ion Ratio Lower Upper

76 100

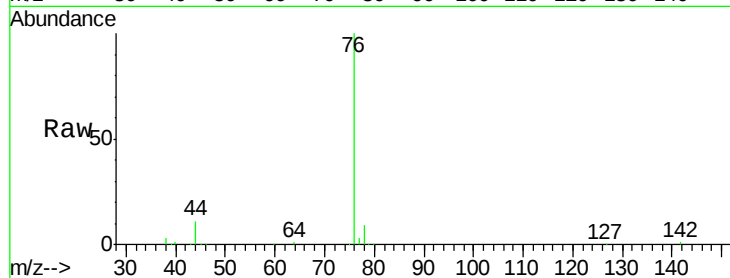
78 9.0 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VN055978.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN055978.D (-684) (-)

4.04

100000

80000

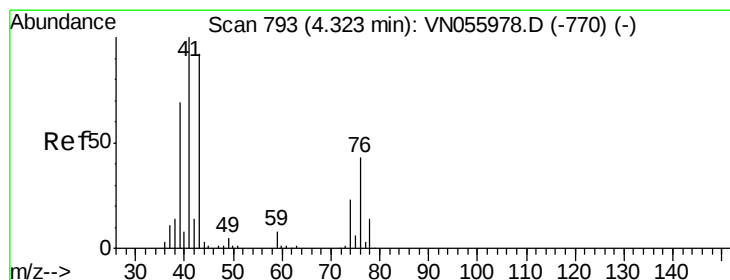
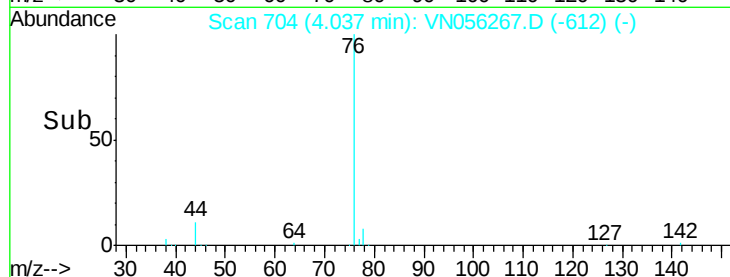
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 57.715 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056267.D

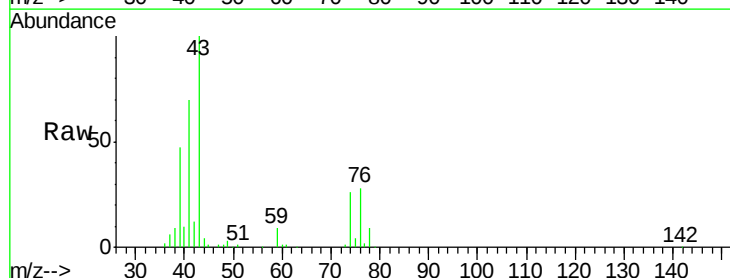
Acq: 12 Jun 2019 22:35

Tgt Ion: 43 Resp: 157150

Ion Ratio Lower Upper

43 100

74 24.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

4.33

60000

50000

40000

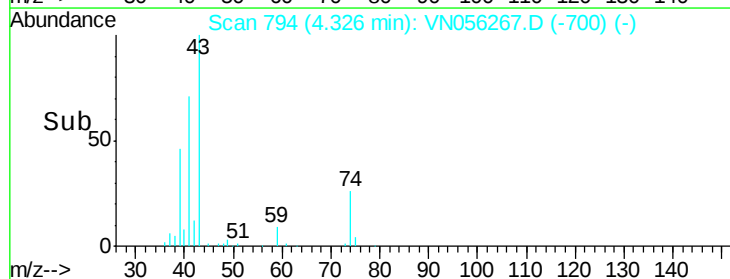
30000

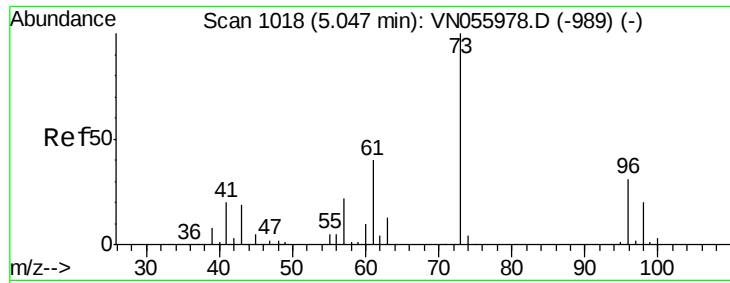
20000

10000

0

Time-->





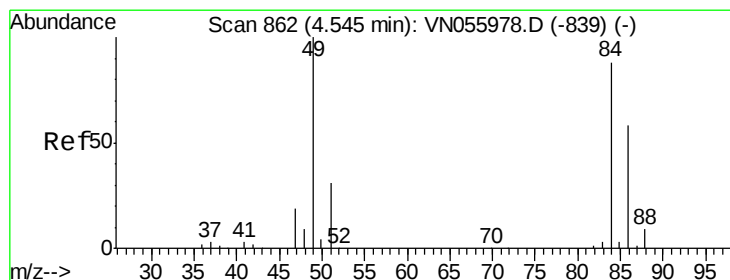
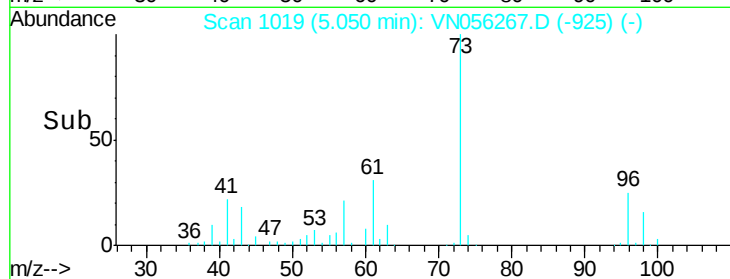
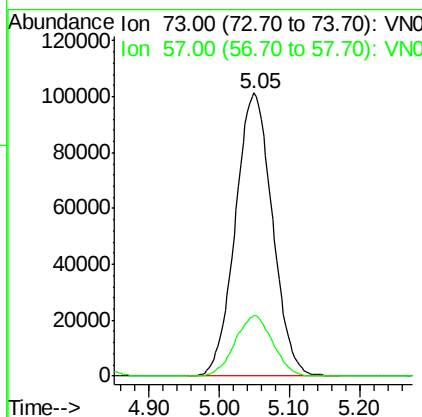
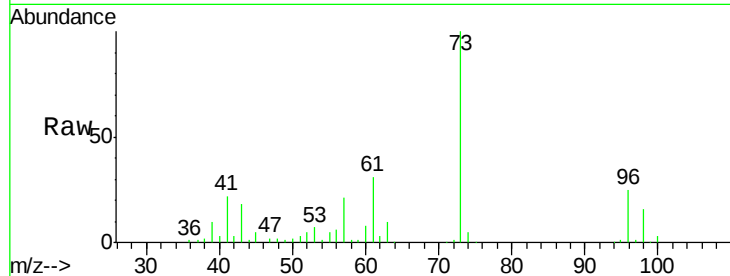
#19
Methvl tert-butvl Ether
Concen: 47.406 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 73 Resp: 370864
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8

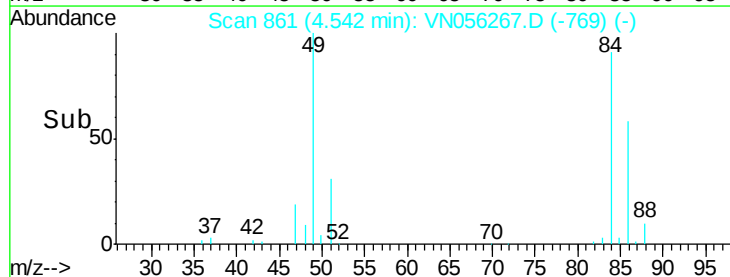
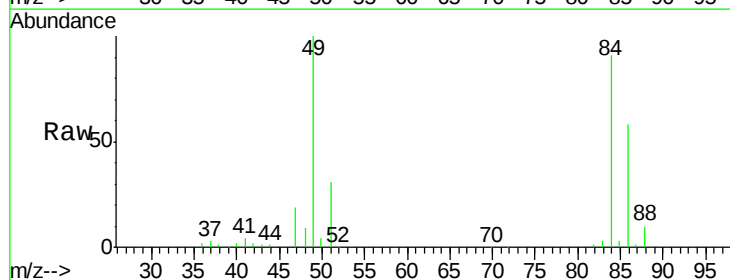
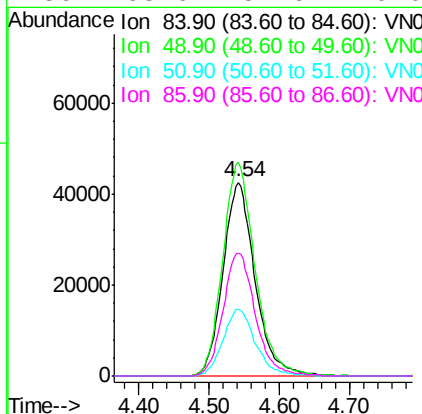
Manual Integrations
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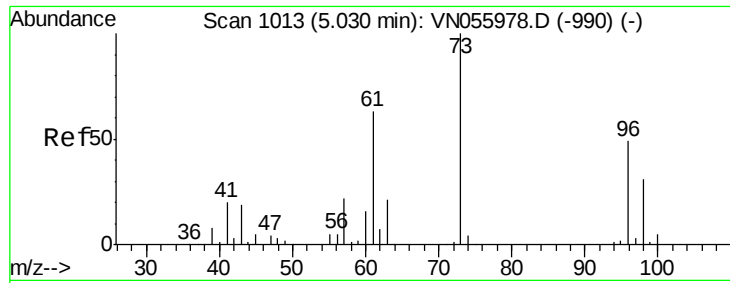
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#20
Methylene Chloride
Concen: 47.289 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 84 Resp: 135260
Ion Ratio Lower Upper
84 100
49 110.4 93.5 140.3
51 34.7 28.6 43.0
86 63.6 52.6 79.0





#21

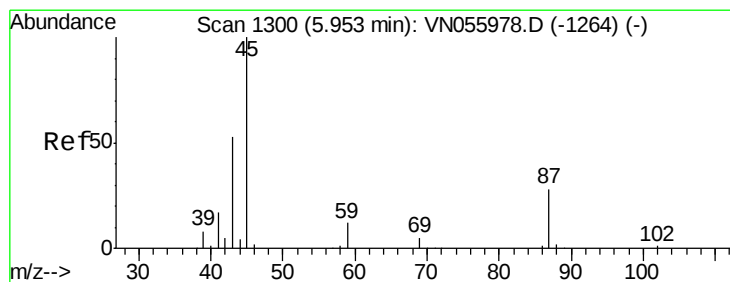
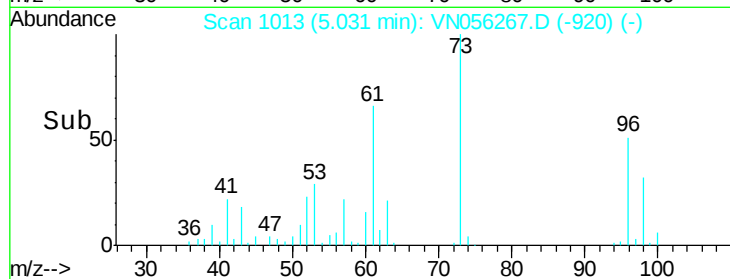
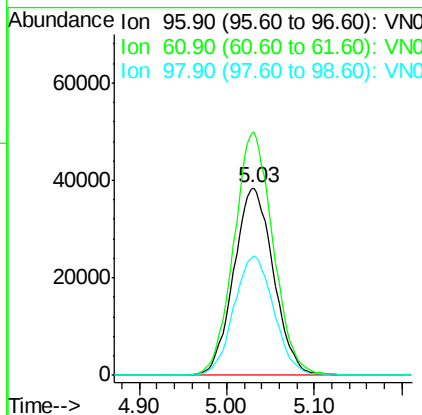
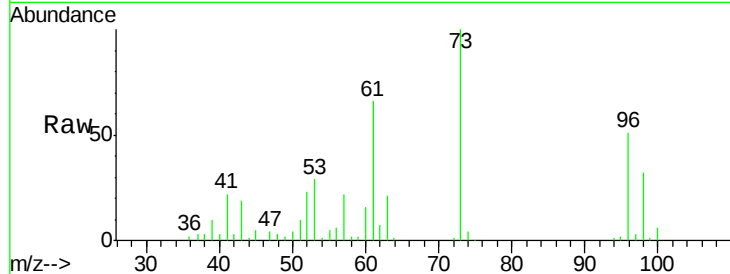
trans-1,2-Dichloroethene
Concen: 45.967 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.7	107.8	161.8
98	63.4	49.8	74.8

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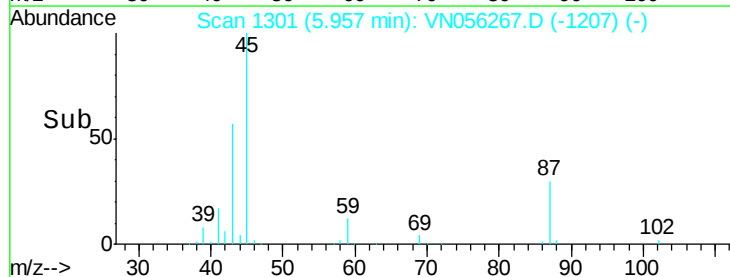
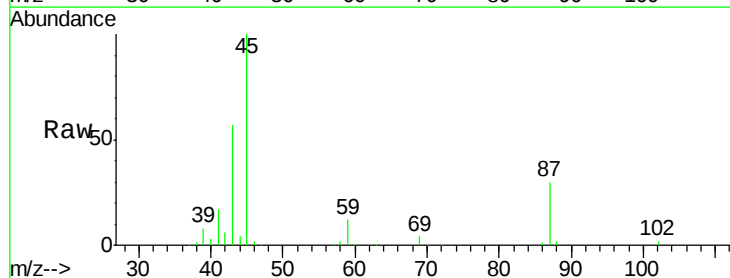
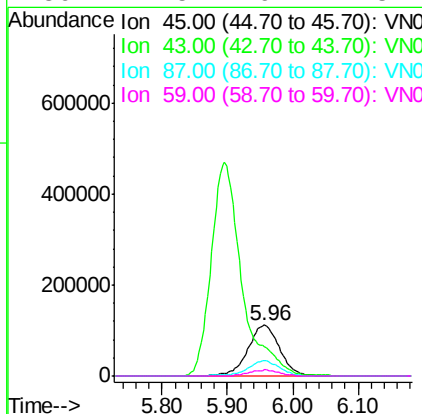
MMDadoda
6/13/2019 11:08:54 AM

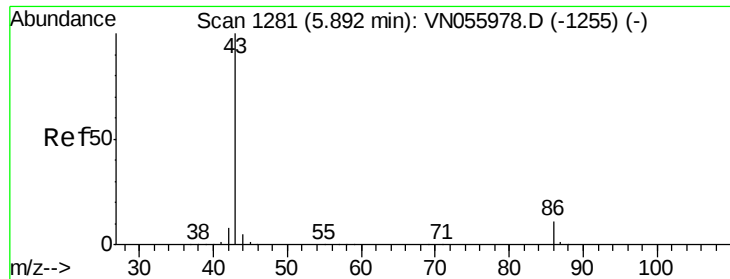


#22

Diisopropyl ether
Concen: 47.193 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.0	67.6
87	29.6	22.2	33.4
59	11.5	9.1	13.7





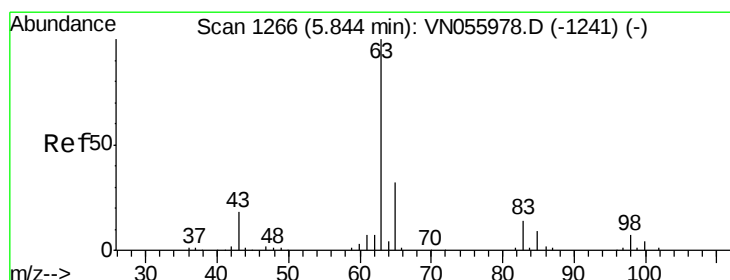
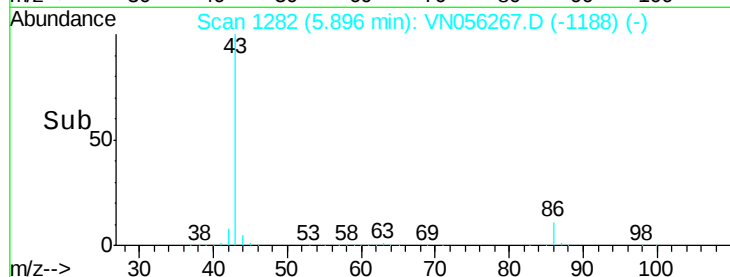
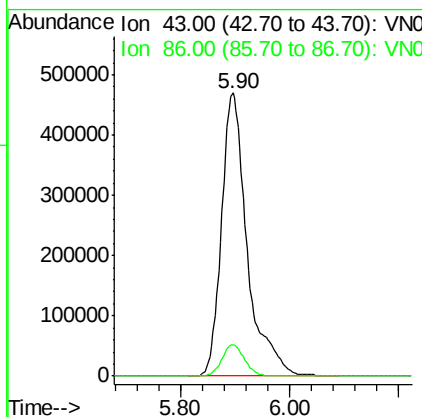
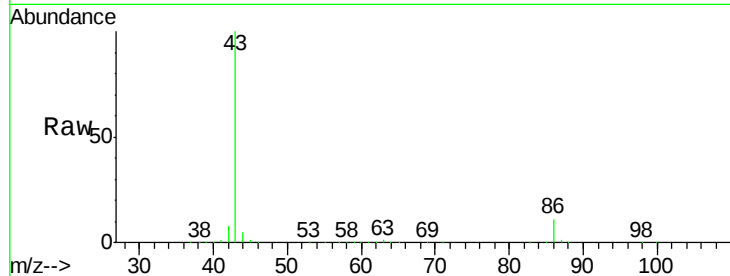
#23
 Vinyl Acetate
 Concen: 243.547 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion: 43 Resp: 1536479
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

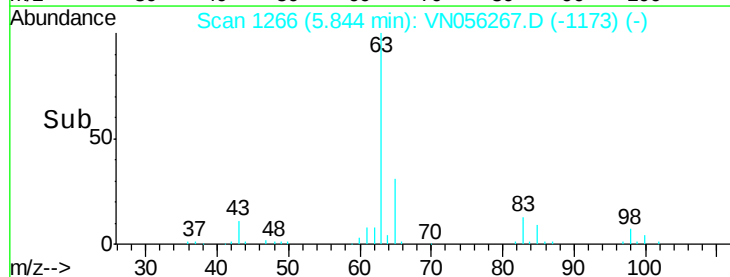
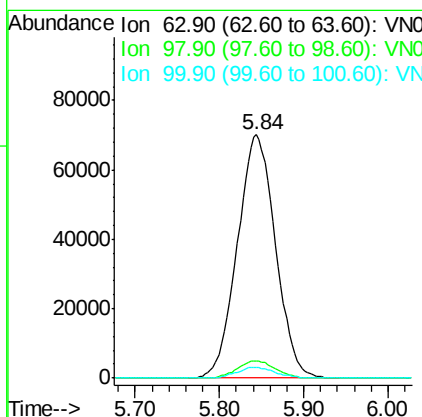
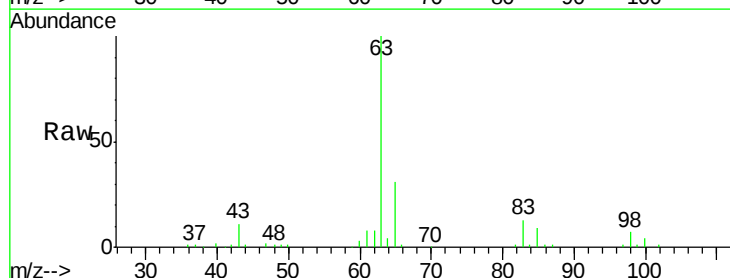
Manual Integrations
 APPROVED

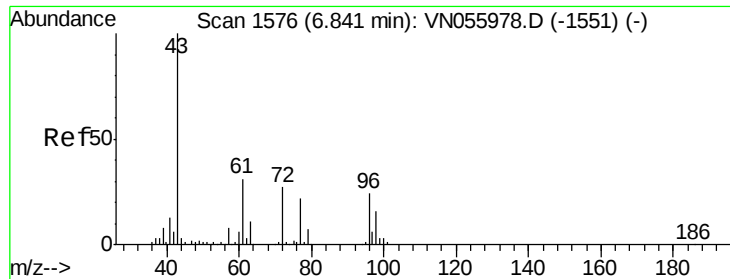
MMDadoda
 6/13/2019 11:08:54 AM



#24
 1,1-Dichloroethane
 Concen: 47.600 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 63 Resp: 219963
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.3 2.2 6.6





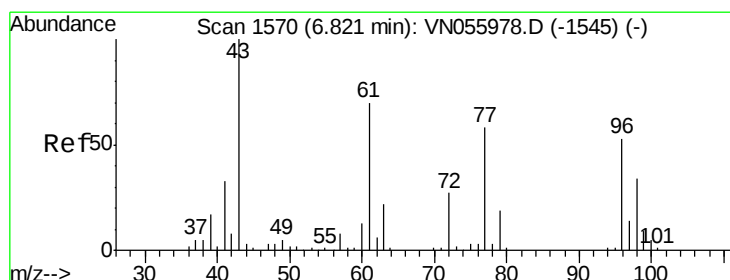
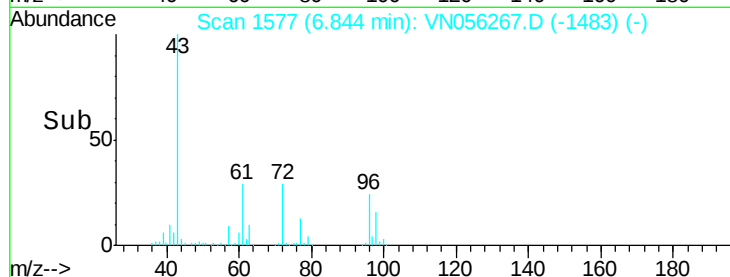
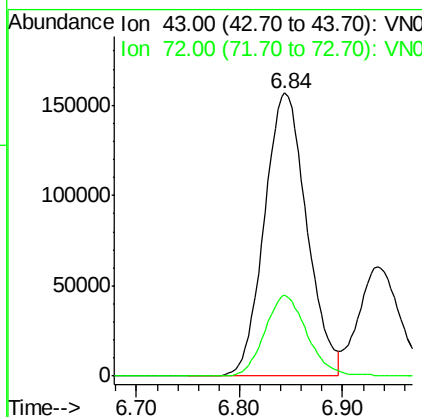
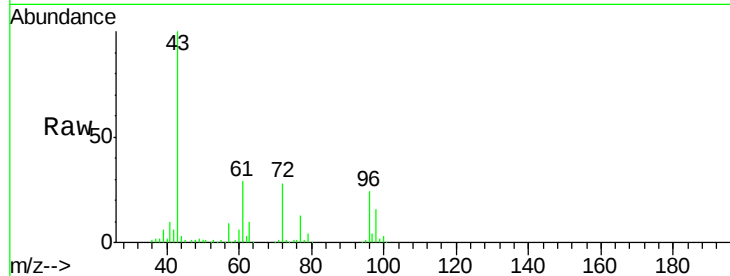
#25
2-Butanone
Concen: 254.853 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 43 Resp: 447042
Ion Ratio Lower Upper
43 100
72 28.5 21.9 32.9

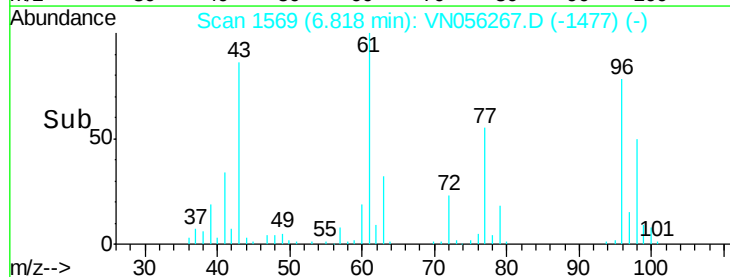
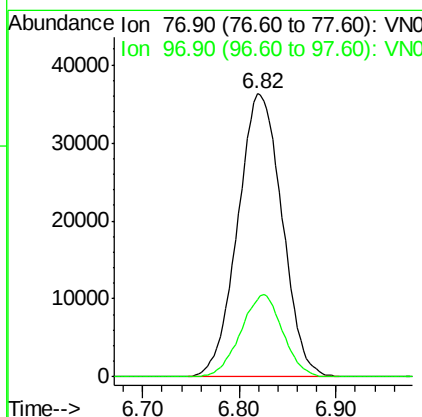
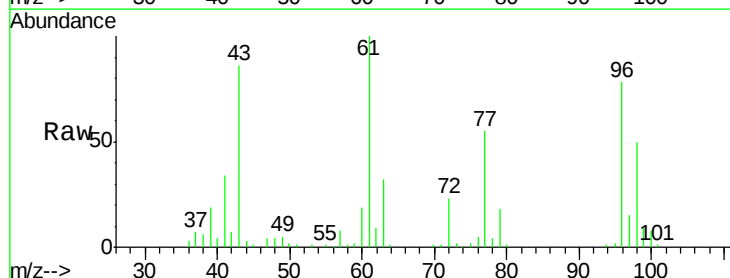
Manual Integrations
APPROVED

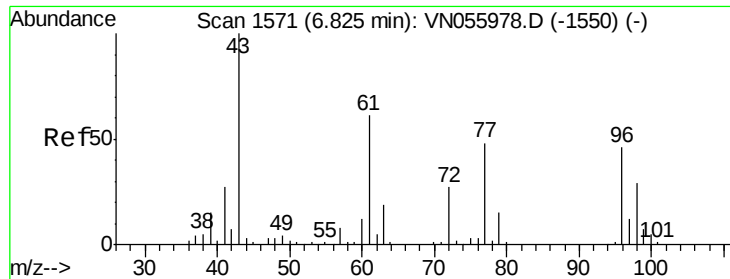
MMDadoda
6/13/2019 11:08:54 AM



#26
2,2-Dichloropropane
Concen: 32.014 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 77 Resp: 115439
Ion Ratio Lower Upper
77 100
97 27.5 12.2 36.6





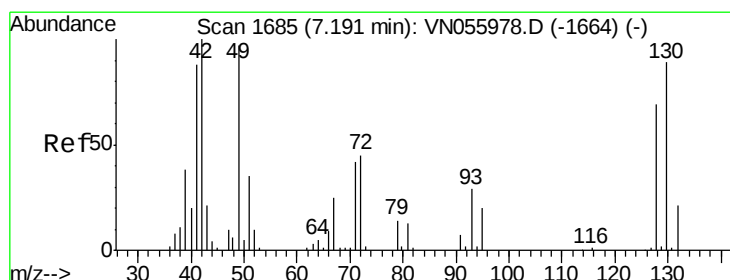
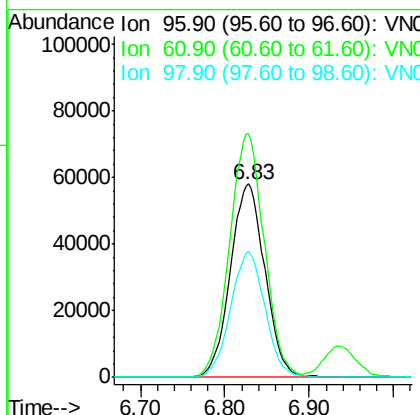
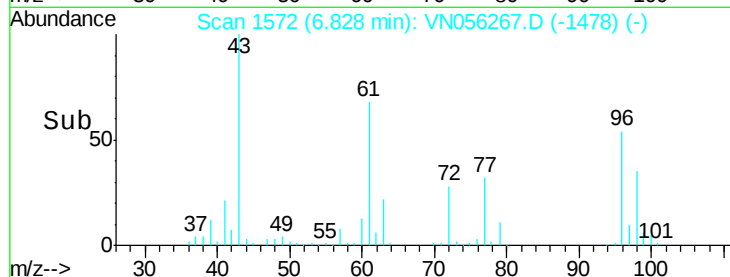
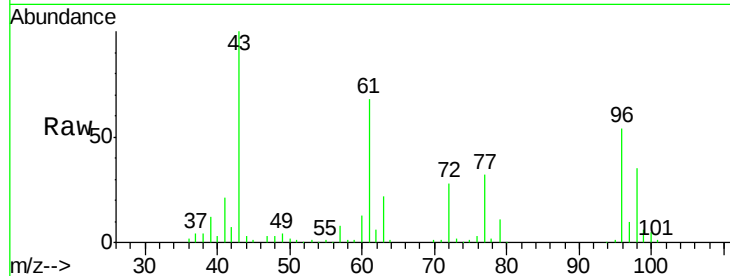
#27
 cis-1,2-Dichloroethene
 Concen: 53.622 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165751		
61	126.3	0.0	275.8	
98	64.7	0.0	128.4	

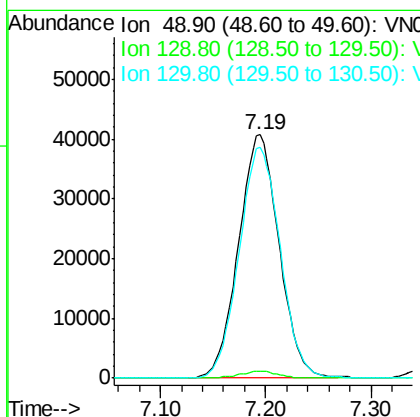
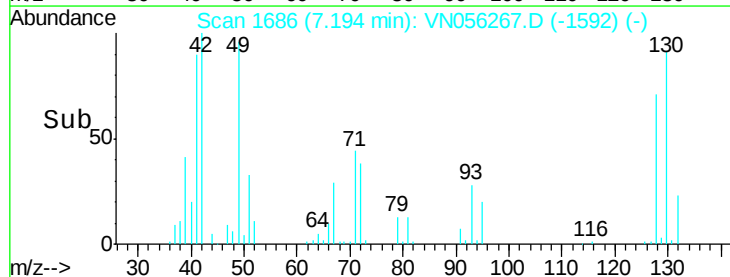
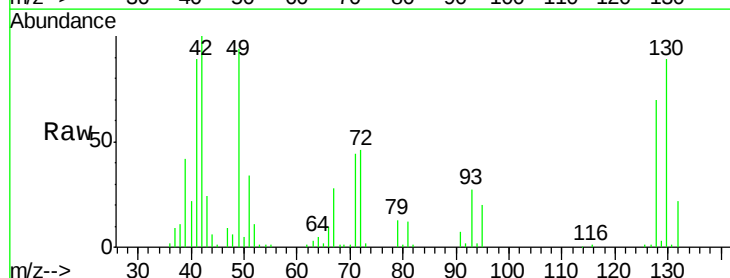
Manual Integrations
 APPROVED

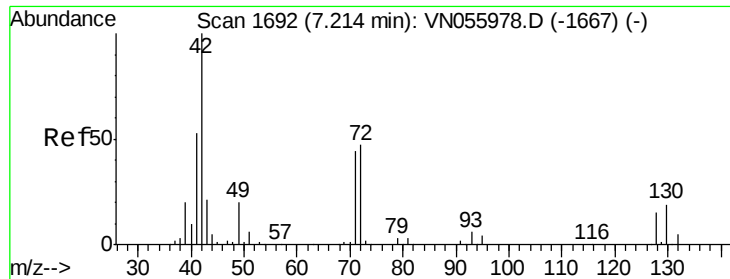
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#28
 Bromochloromethane
 Concen: 49.797 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108823		
129	2.5	0.0	4.4	
130	96.2	71.2	106.8	





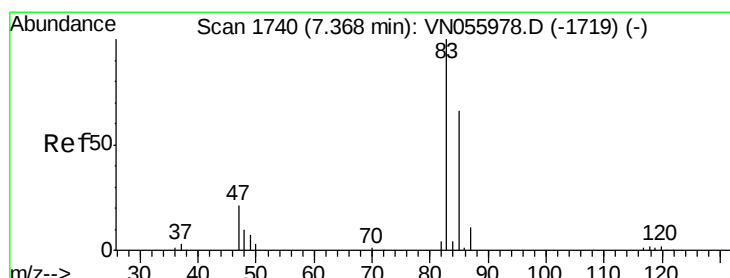
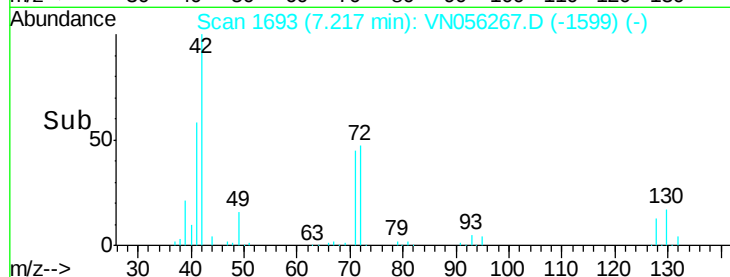
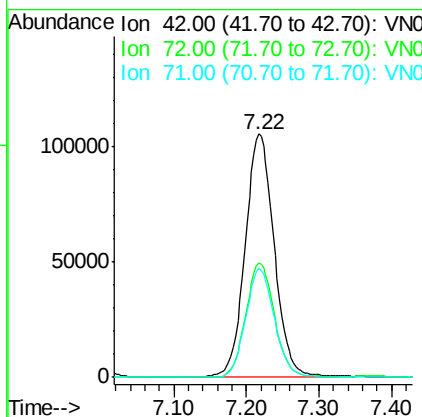
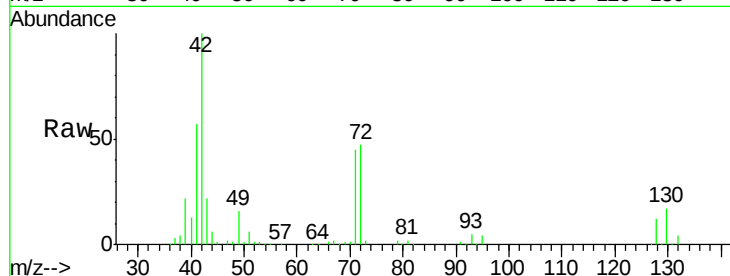
#29
Tetrahydrofuran
Concen: 271.384 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.9	53.9
71	43.9	34.0	51.0

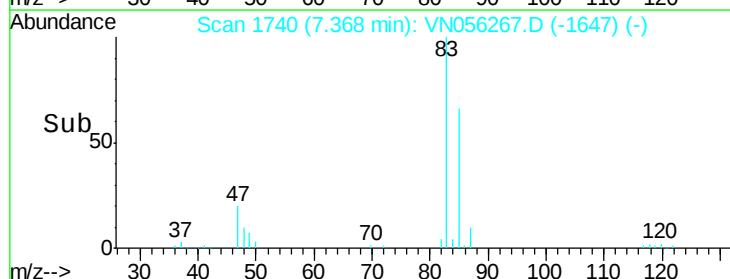
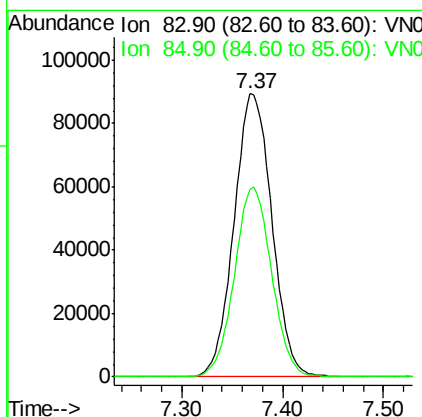
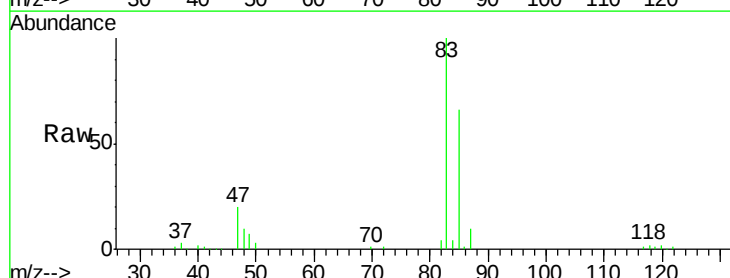
Manual Integrations
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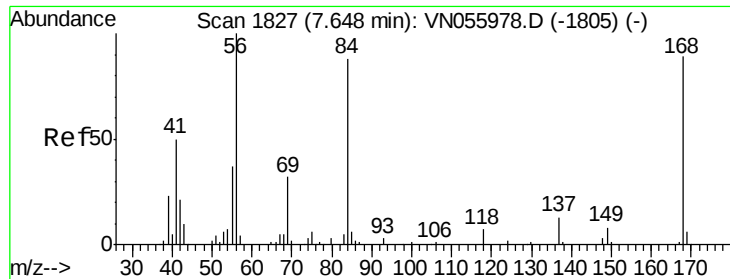
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#30
Chloroform
Concen: 50.116 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.8





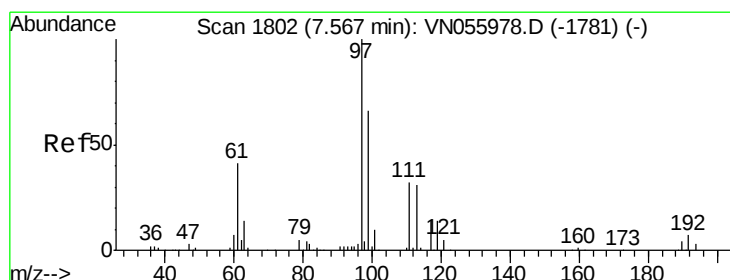
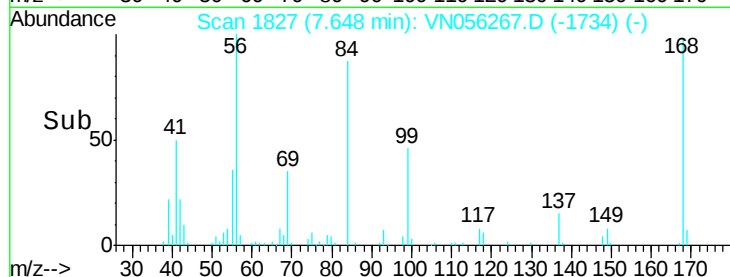
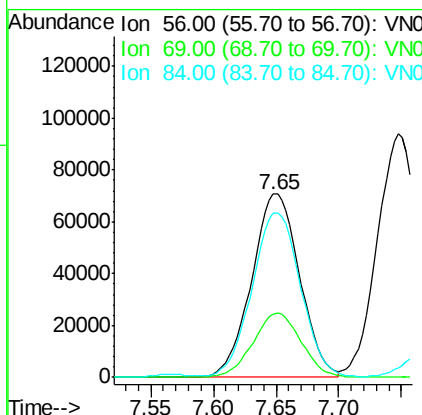
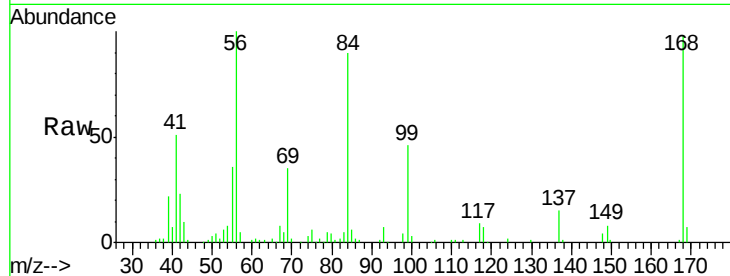
#31
Cyclohexane
Concen: 40.953 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	25.6	38.4
84	88.6	67.4	101.0

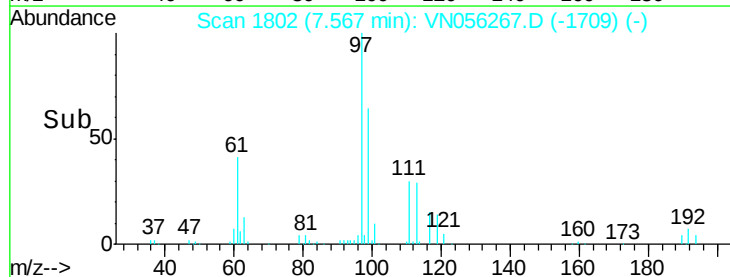
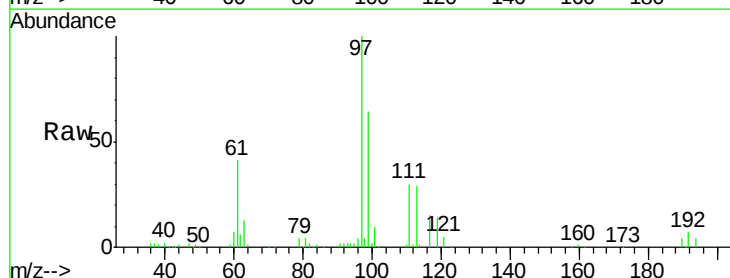
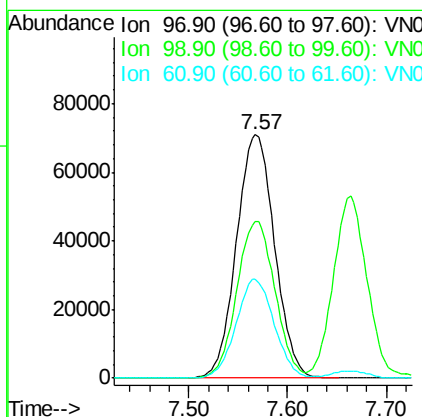
Manual Integrations
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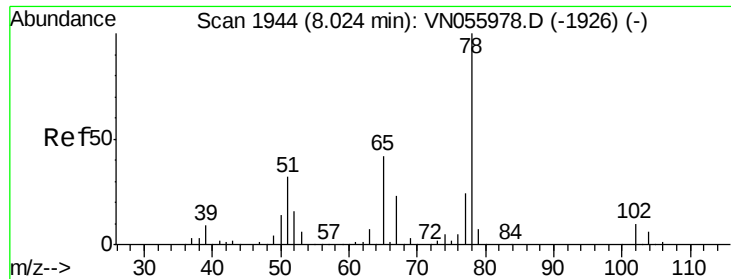
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#32
1,1,1-Trichloroethane
Concen: 48.944 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	40.7	32.9	49.3





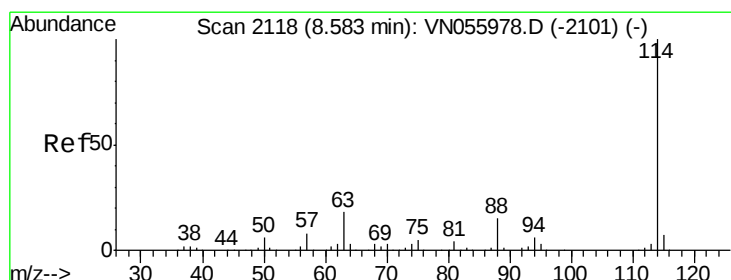
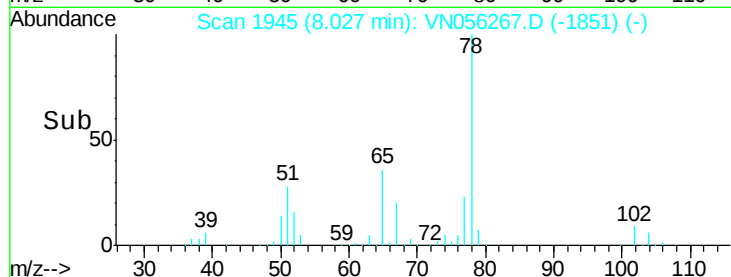
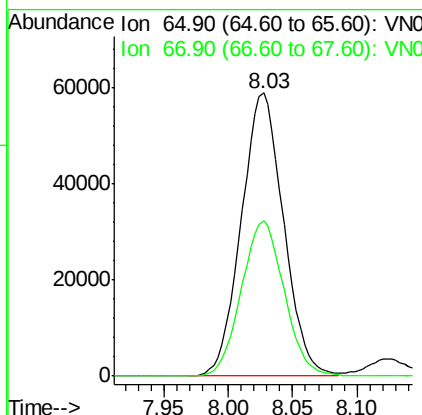
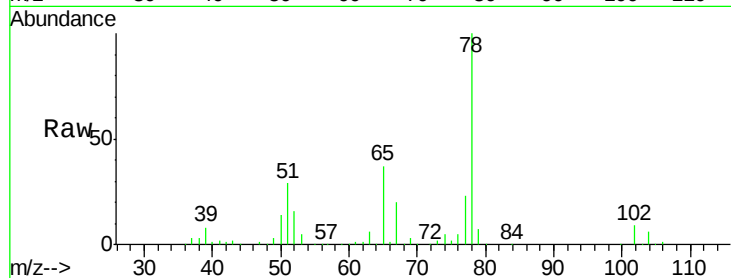
#33
 1,2-Dichloroethane-d4
 Concen: 46.386 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.7	0.0	109.2	

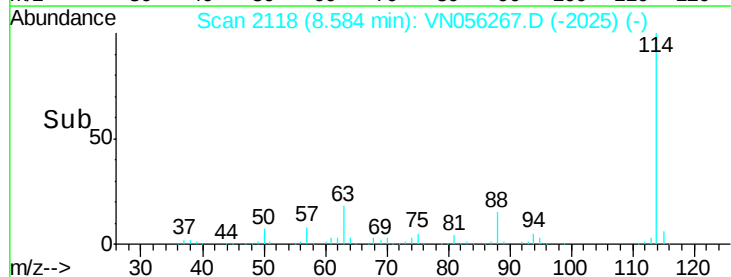
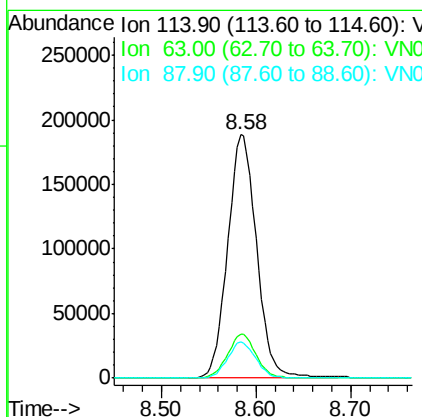
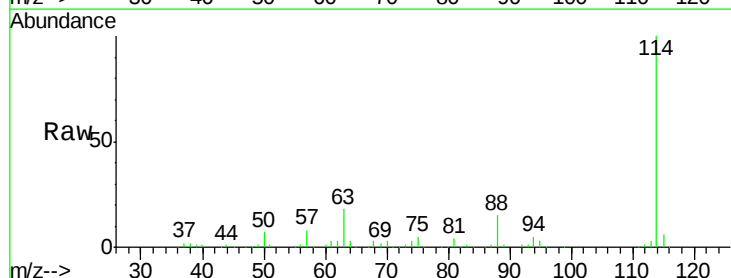
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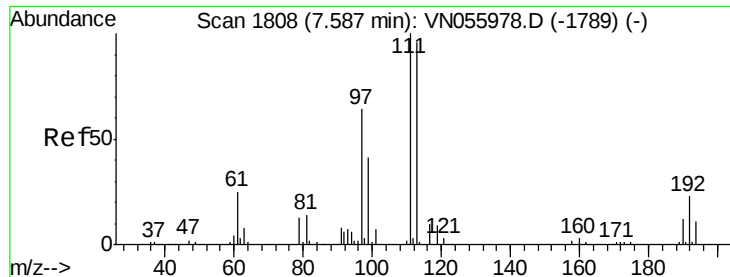
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

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: 52.458 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

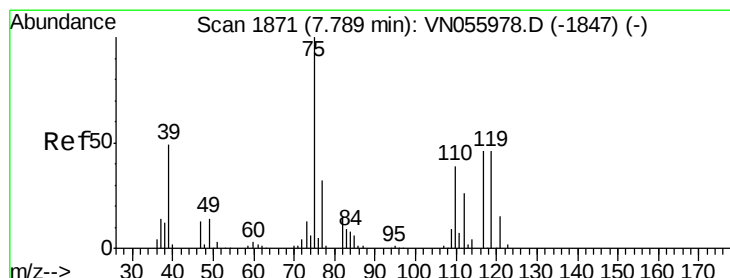
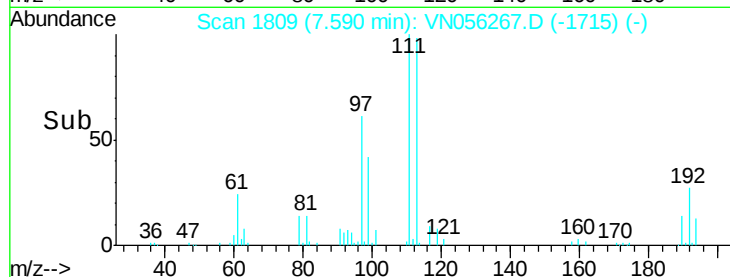
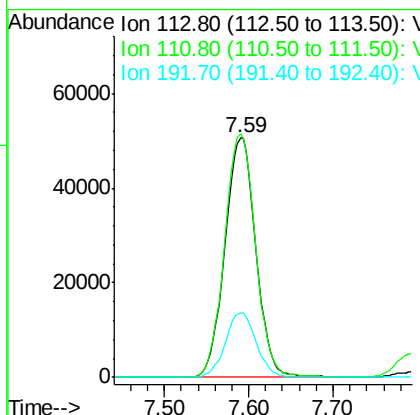
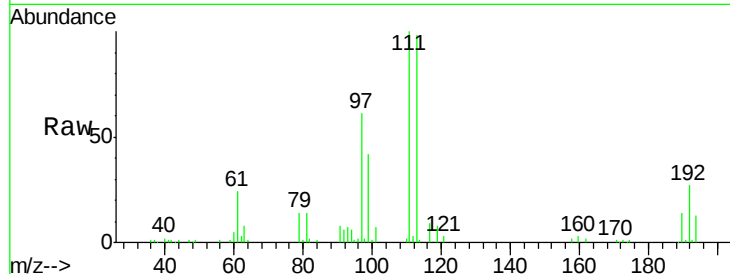
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	113	Resp:	128990
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	26.8	19.5	29.3

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#36

1,1-Dichloropropene

Concen: 46.113 ug/l

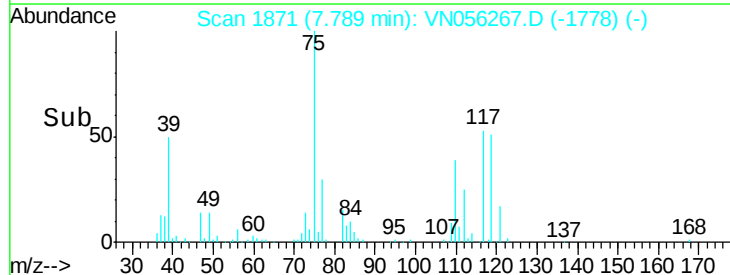
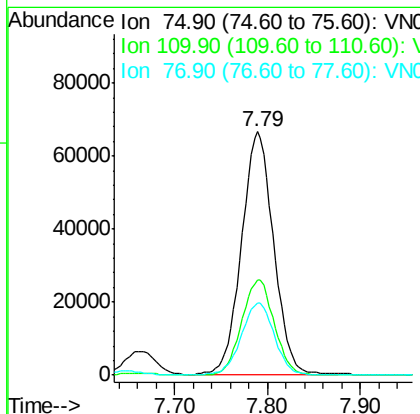
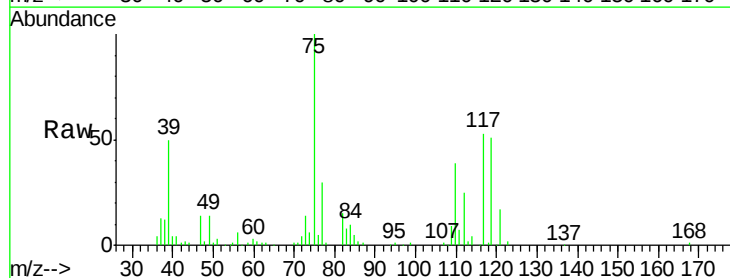
RT: 7.79 min Scan# 1871

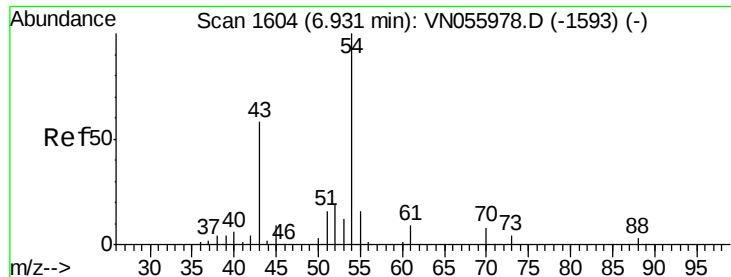
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	75	Resp:	158913
Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.0	57.0
77	30.8	25.1	37.7





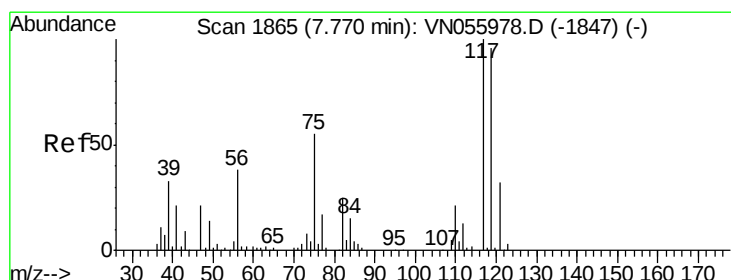
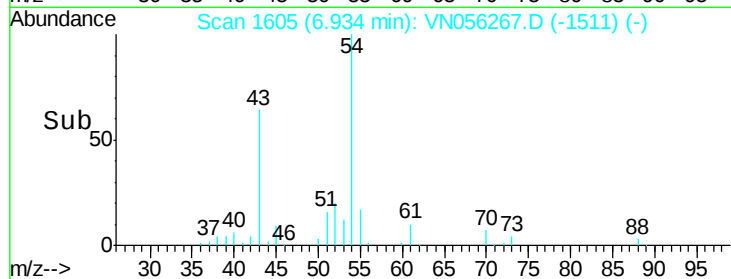
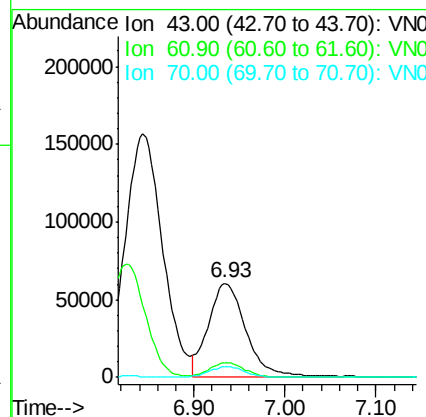
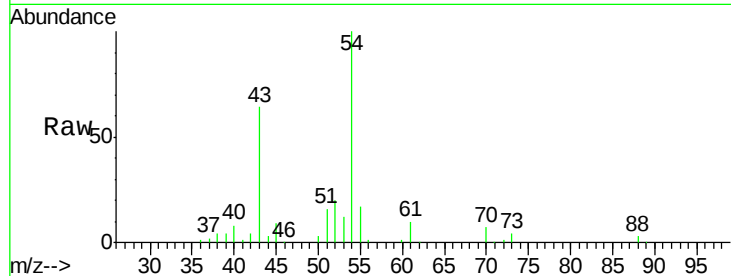
#37
Ethyl Acetate
Concen: 55.541 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.2	18.2
70	11.0	8.9	13.3

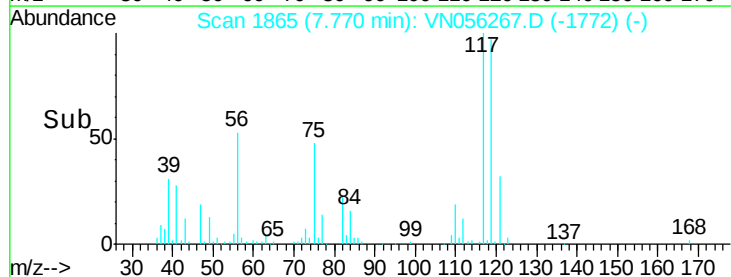
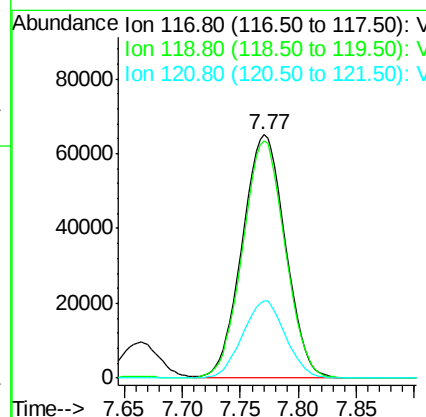
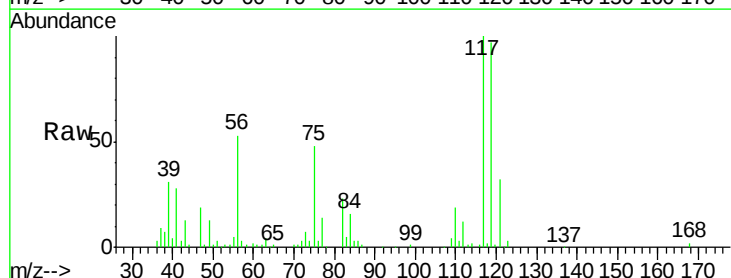
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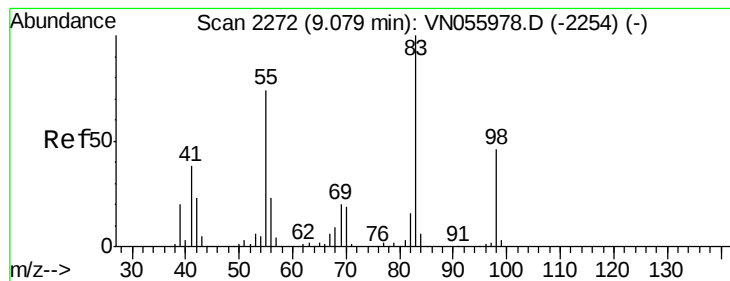
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#38
Carbon Tetrachloride
Concen: 52.820 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	79.0	118.6
121	32.0	24.7	37.1





#39

Methvlcvclohexane

Concen: 45.330 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

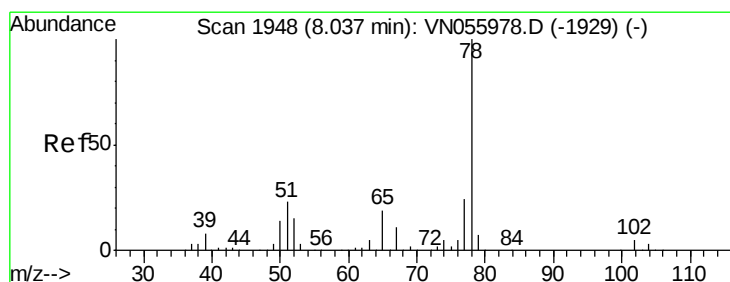
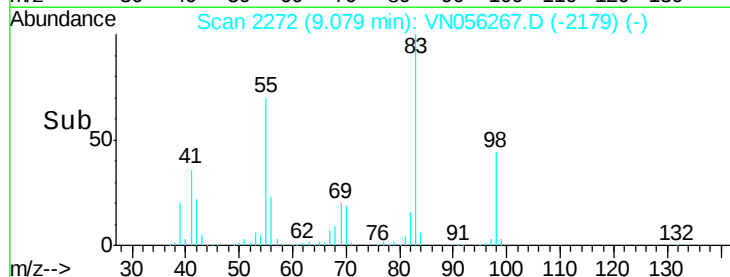
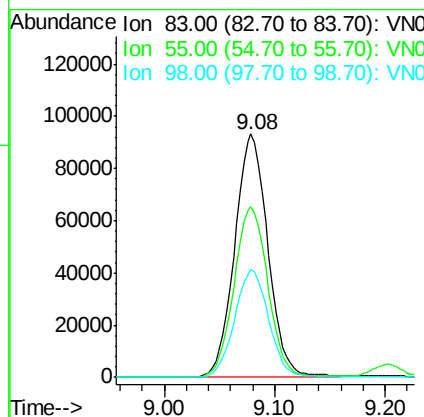
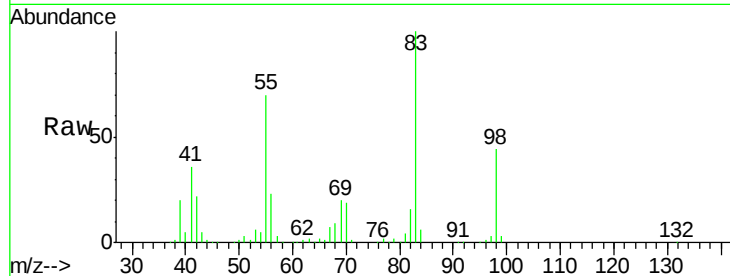
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	83	Resp:	194601
Ion Ratio	Lower	Upper	
83	100		
55	69.9	59.3	88.9
98	44.1	36.6	54.8

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#40

Benzene

Concen: 49.487 ug/l

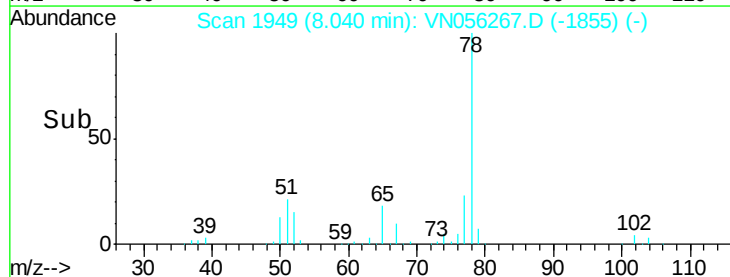
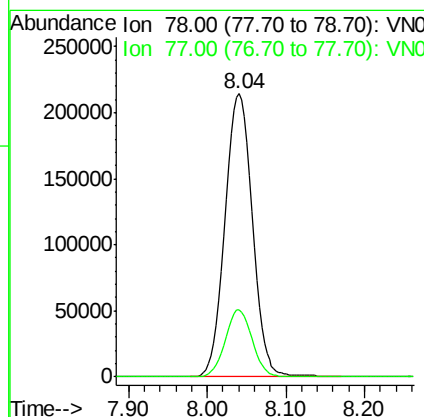
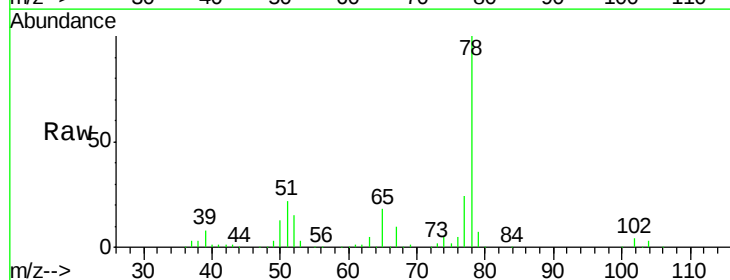
RT: 8.04 min Scan# 1949

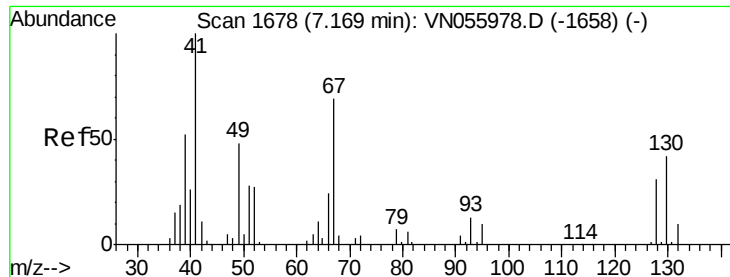
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	78	Resp:	517976
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.8	28.2





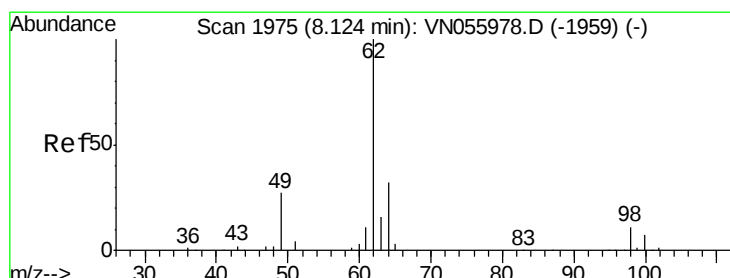
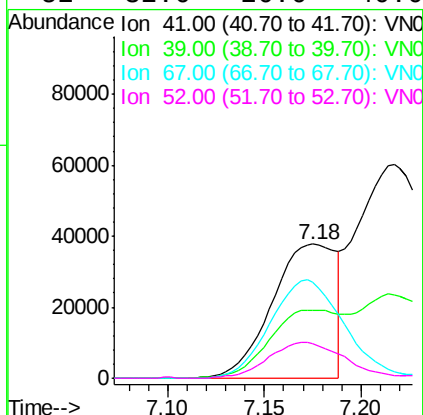
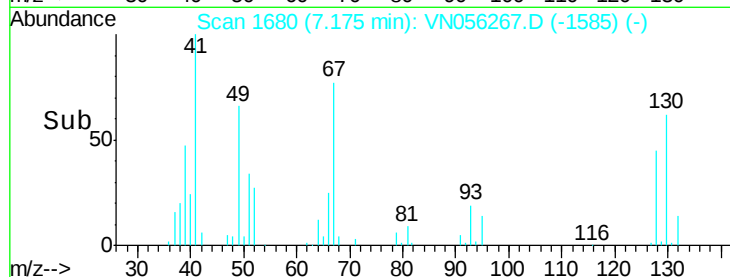
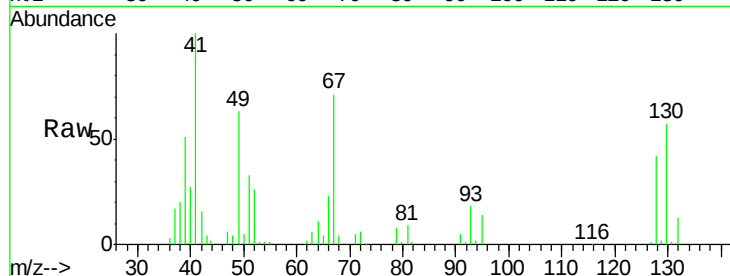
#41
Methacrylonitrile
Concen: 61.655 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:	41	Resp:	86982
Ion Ratio	Lower	Upper	
41	100		
39	56.5	45.6	68.4
67	85.9	67.7	101.5
52	32.6	26.6	40.0

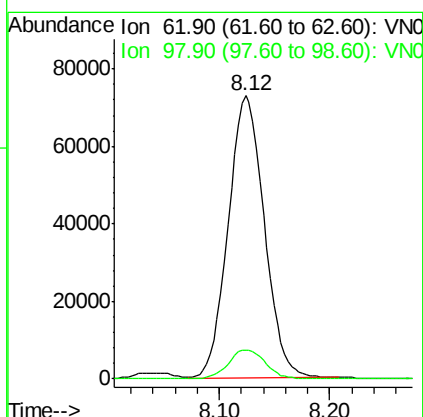
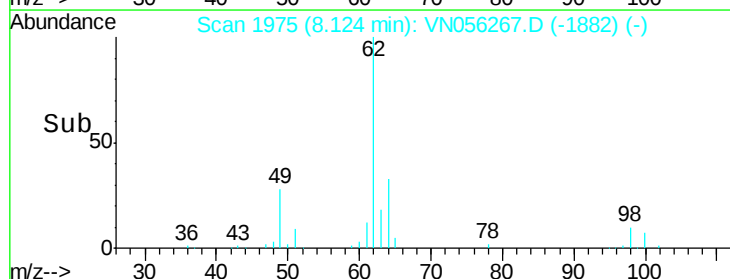
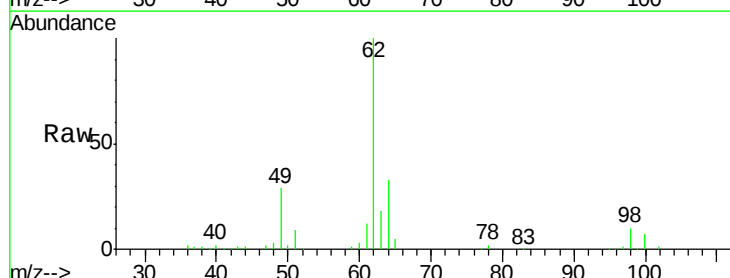
Manual Integrations
APPROVED

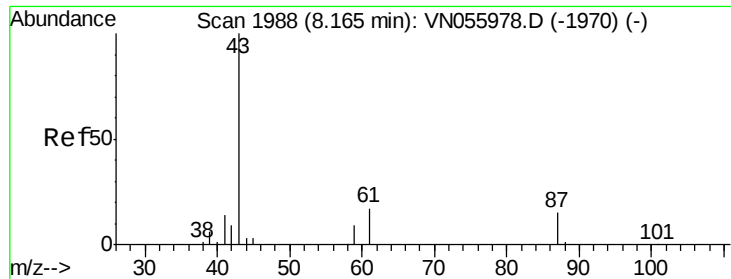
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#42
1,2-Dichloroethane
Concen: 49.168 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:	62	Resp:	165541
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	20.2





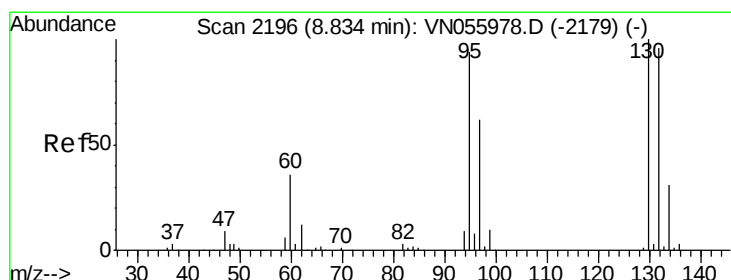
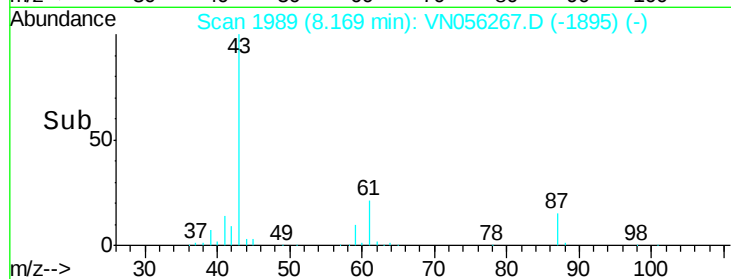
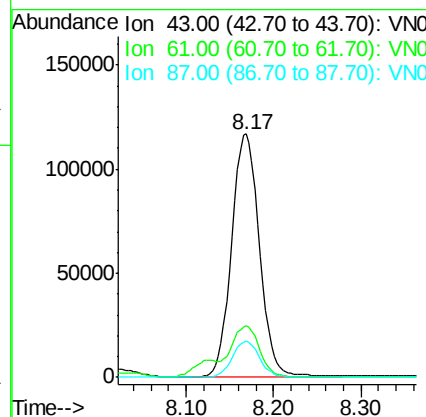
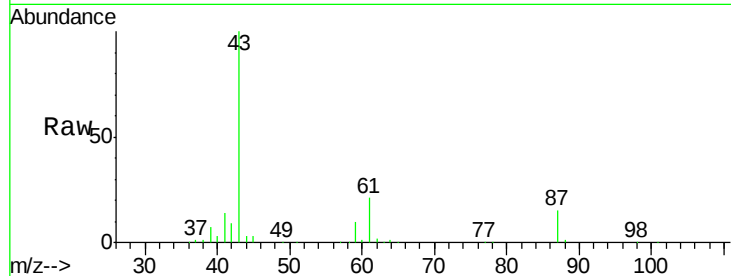
#43
Isopropyl Acetate
Concen: 51.788 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	22.2	33.4#
87	14.7	11.4	17.2

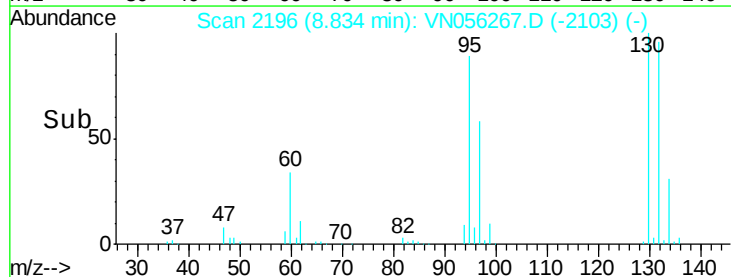
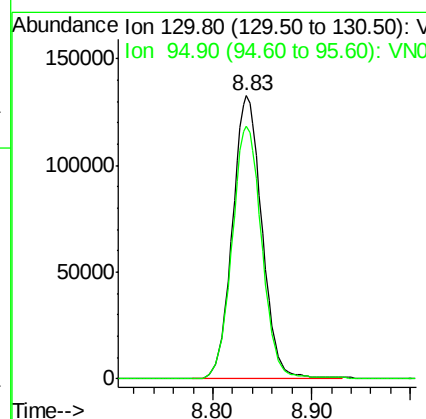
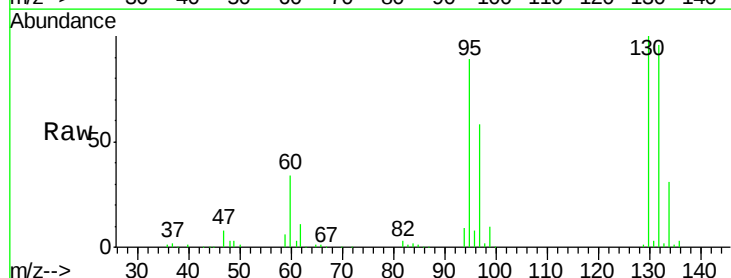
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#44
Trichloroethene
Concen: 91.858 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	188.0





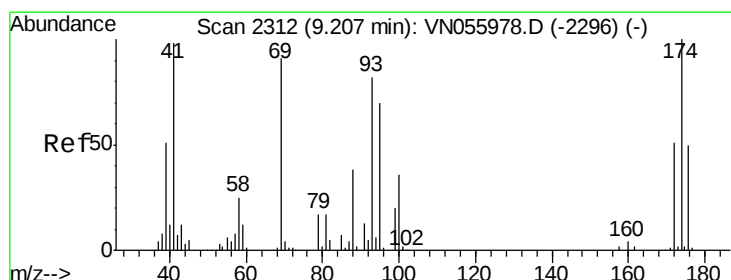
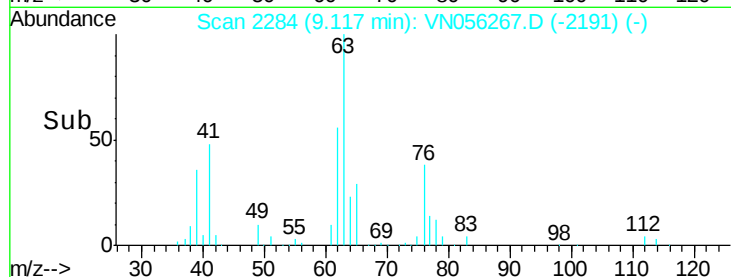
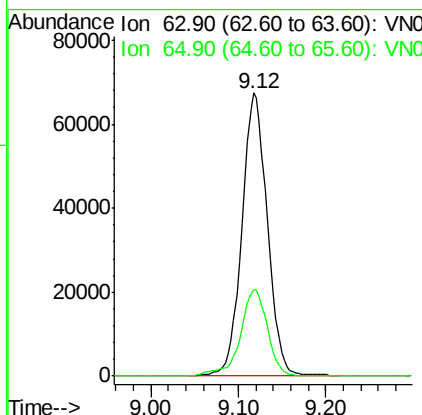
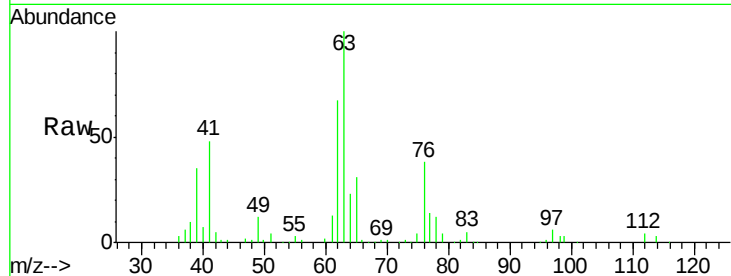
#45
 1,2-Dichloropropane
 Concen: 50.815 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.6	36.8

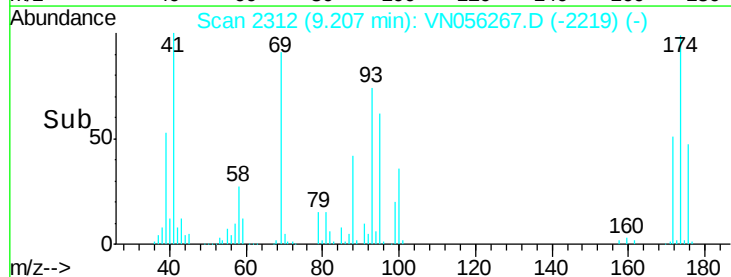
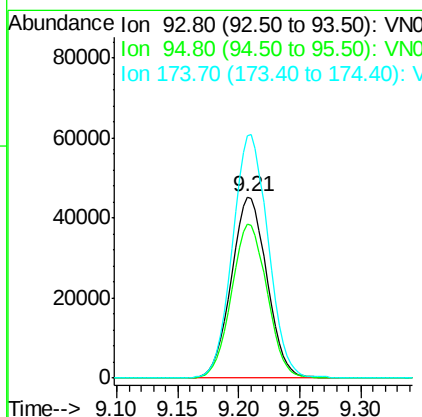
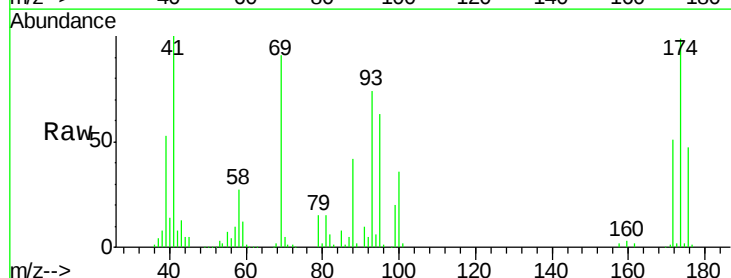
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#46
 Dibromomethane
 Concen: 52.403 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.7	100.1
174	134.0	96.4	144.6





#47

Bromodichloromethane

Concen: 55.125 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

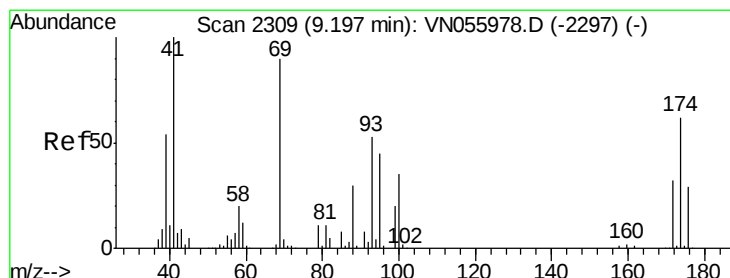
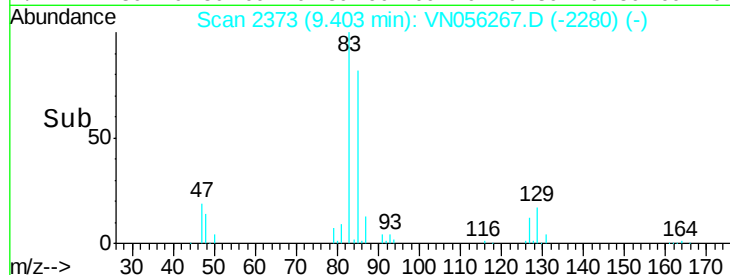
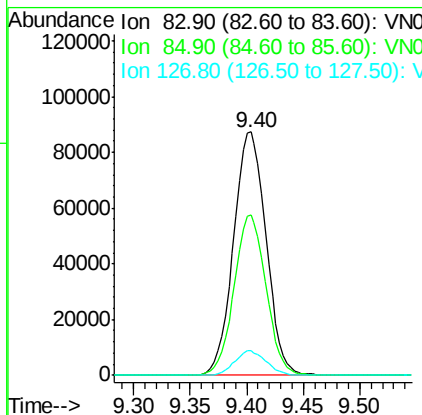
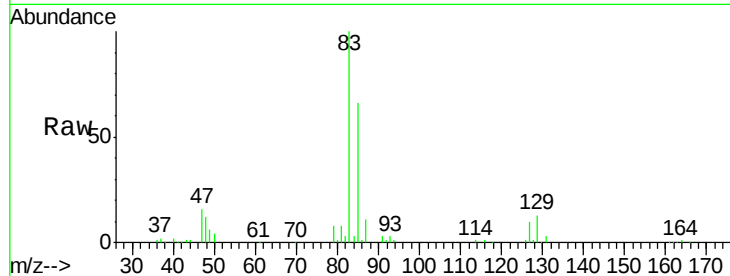
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	83	Resp:	175158
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.2	78.2
127	10.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.915 ug/l

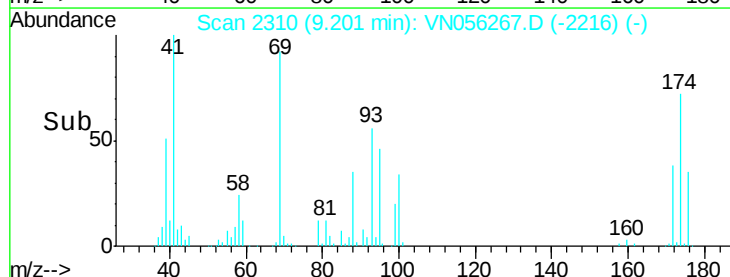
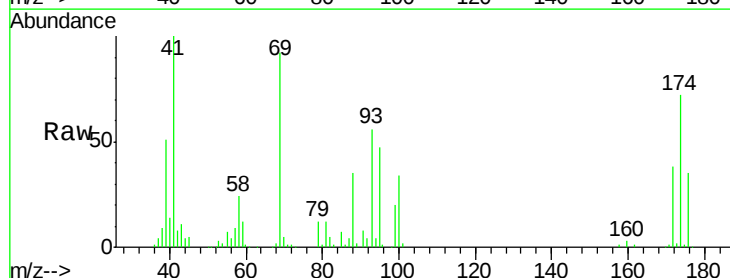
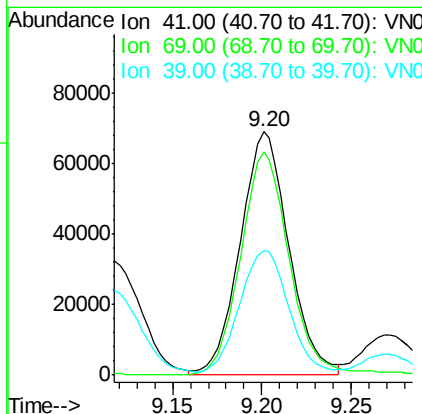
RT: 9.20 min Scan# 2310

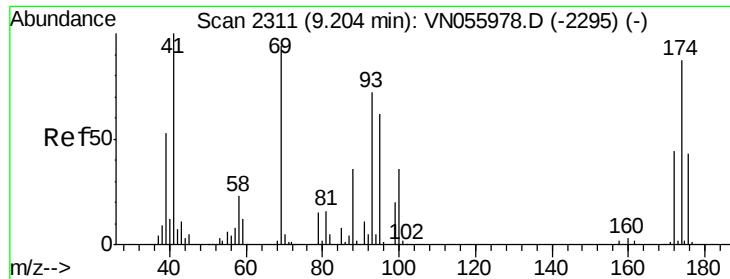
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	41	Resp:	131061
Ion	Ratio	Lower	Upper
41	100		
69	92.9	71.0	106.6
39	52.5	44.2	66.2





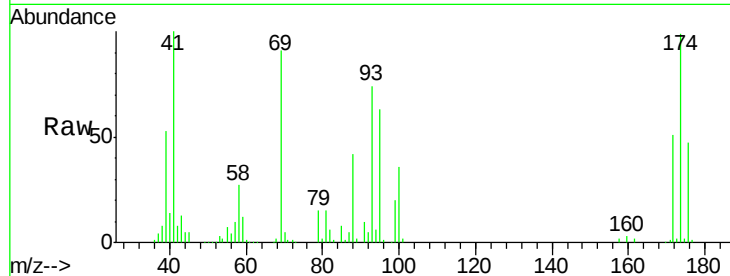
#49
1,4-Dioxane
Concen: 1197.206 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.2	20.5	30.7
58	66.3	55.8	83.6

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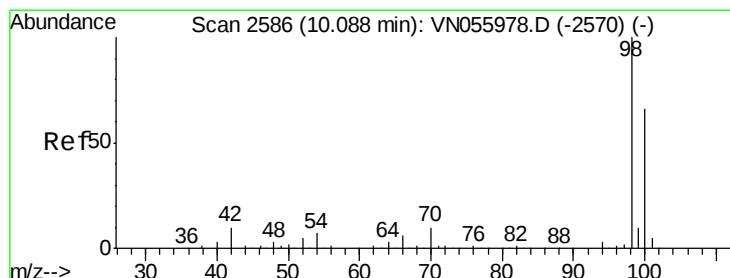
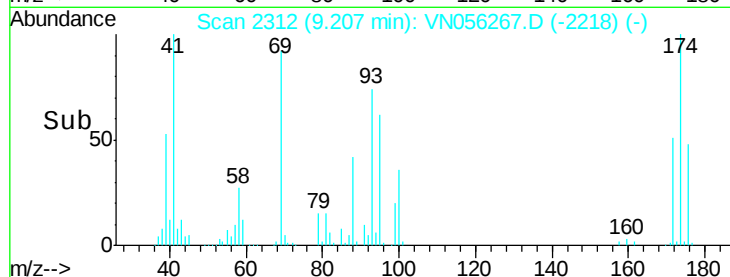
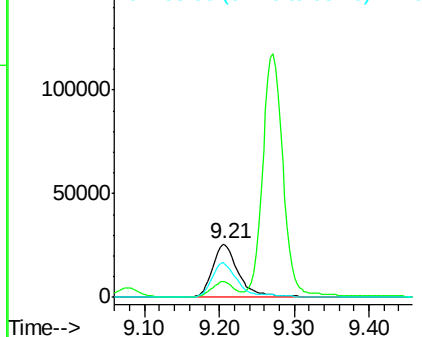


Abundance

Ion 88.00 (87.70 to 88.70): VN055978.D (-2295) (-)

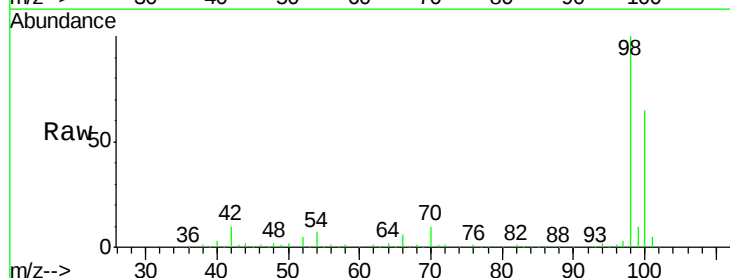
Ion 43.00 (42.70 to 43.70): VN055978.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2295) (-)



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

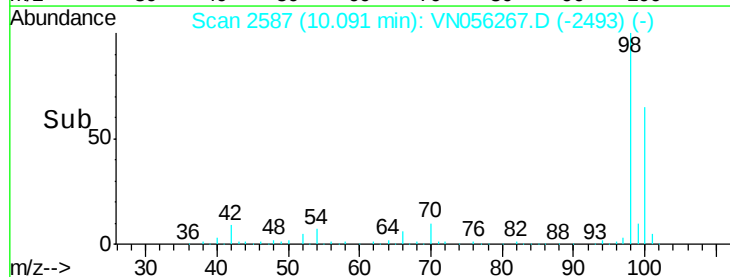
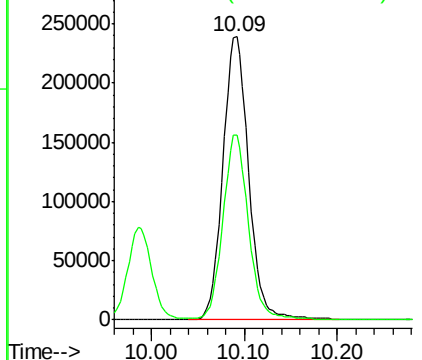
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9

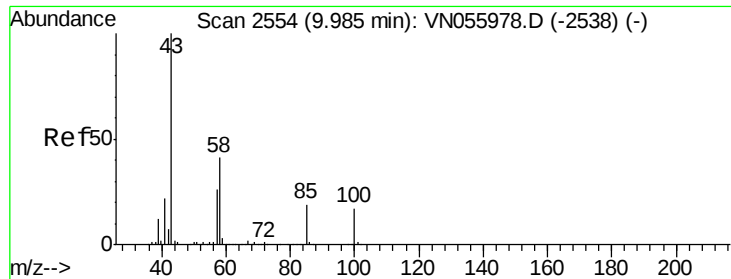


Abundance

Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 282.263 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 43 Resp: 877058

Ion Ratio Lower Upper

43 100

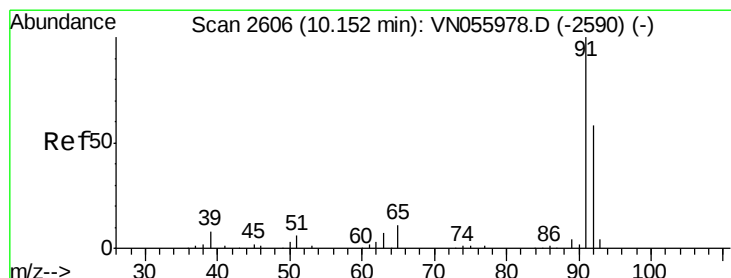
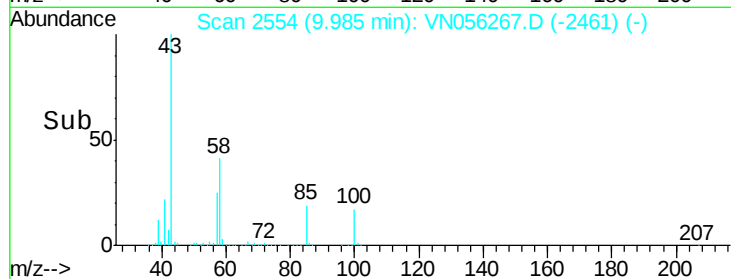
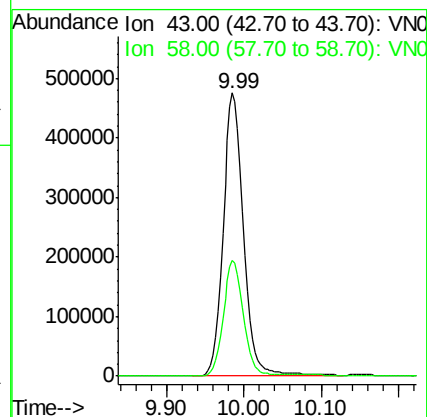
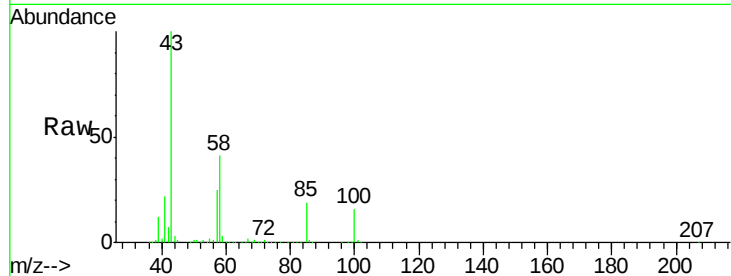
58 40.6 32.1 48.1

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#52

Toluene

Concen: 50.205 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056267.D

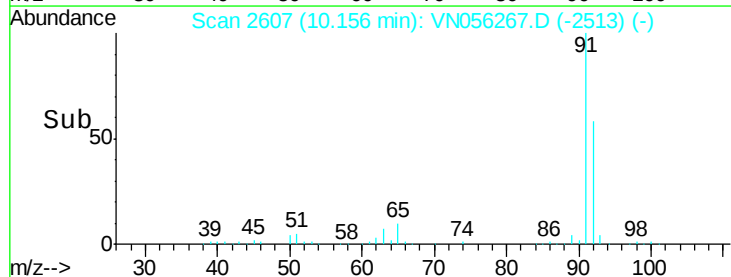
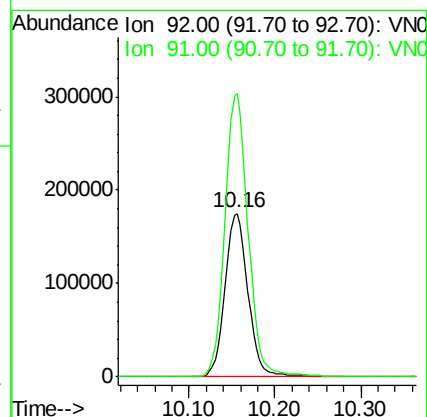
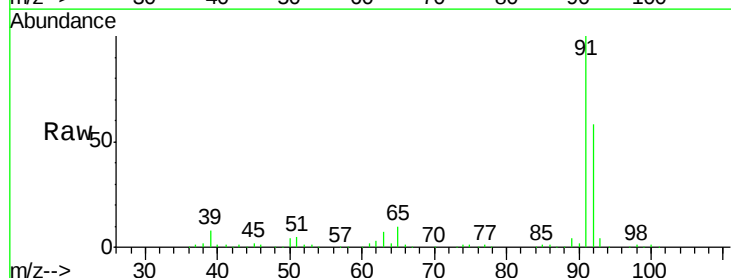
Acq: 12 Jun 2019 22:35

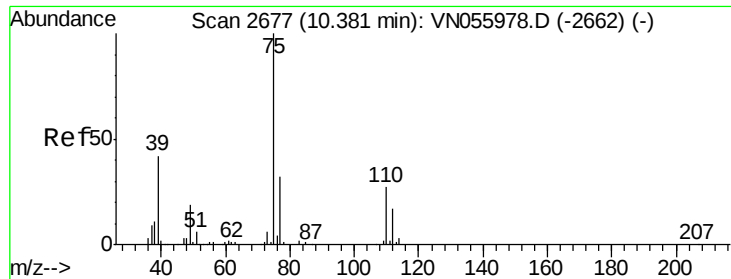
Tgt Ion: 92 Resp: 326991

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.2





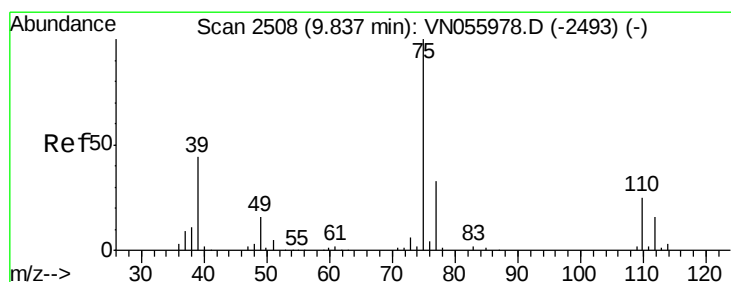
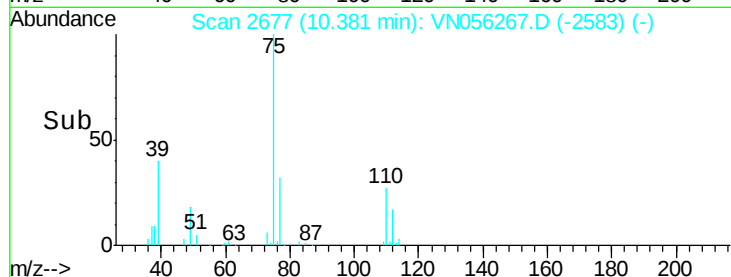
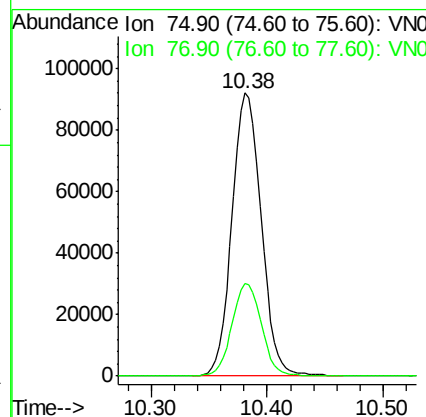
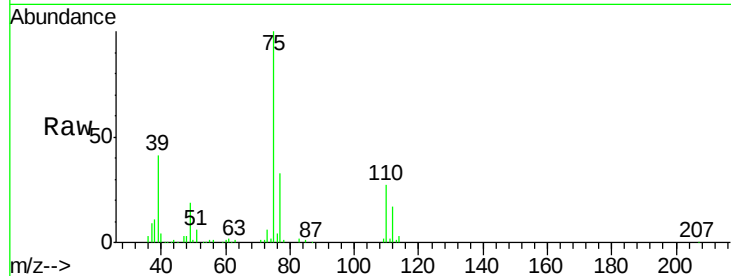
#53
t-1,3-Dichloropropene
Concen: 43.645 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 75 Resp: 161402
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

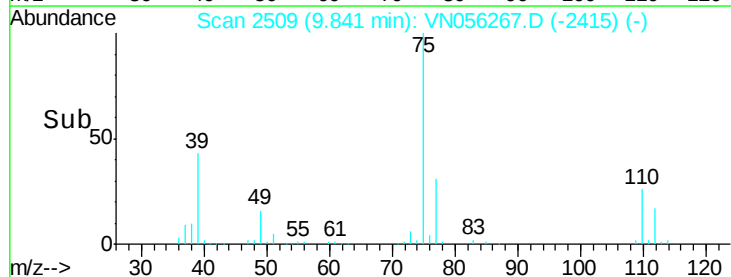
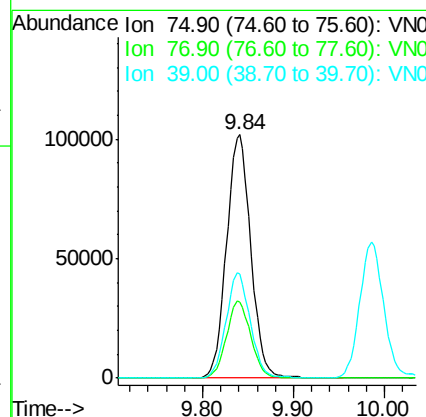
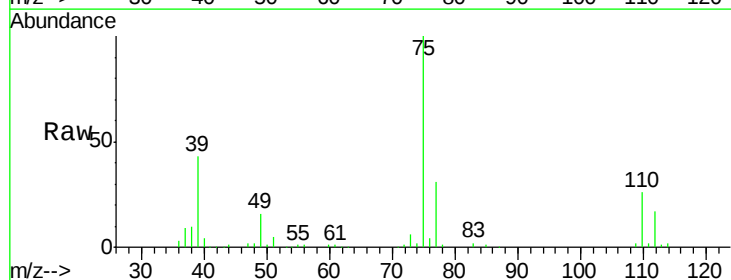
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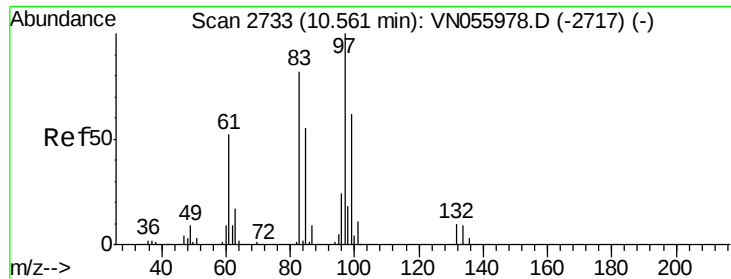
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#54
cis-1,3-Dichloropropene
Concen: 49.388 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 75 Resp: 188630
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 42.6 36.3 54.5





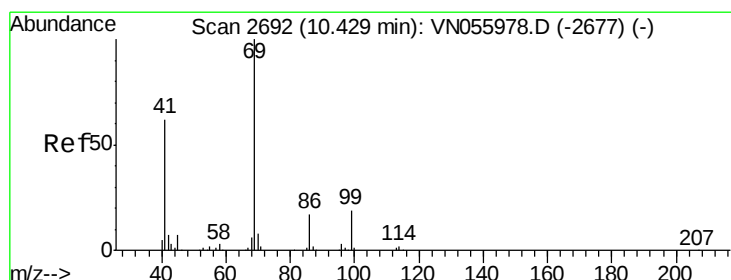
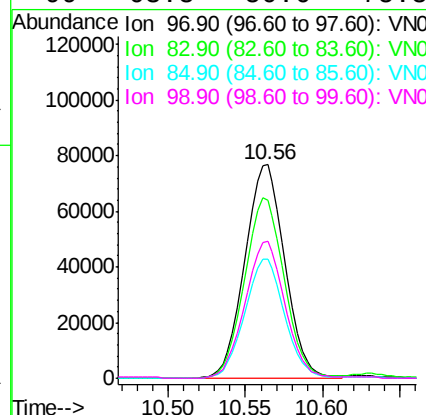
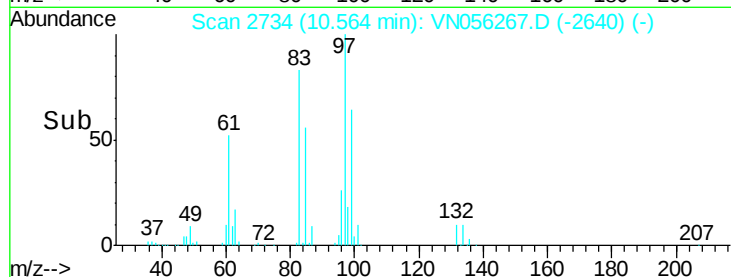
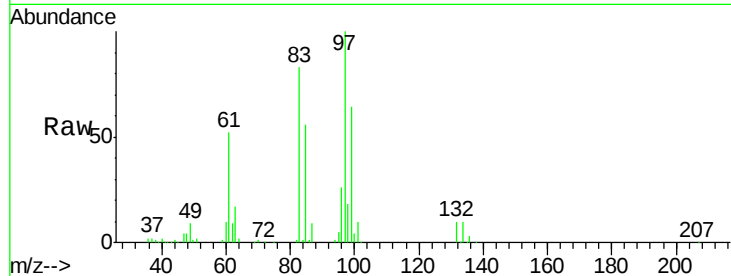
#55
 1,1,2-Trichloroethane
 Concen: 53.621 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	138339		
83	83.1	67.0	100.6	
85	55.7	44.0	66.0	
99	63.8	50.6	75.8	

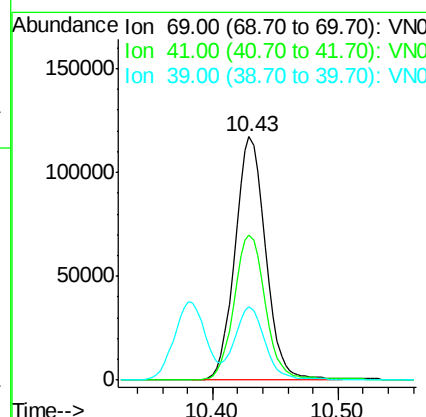
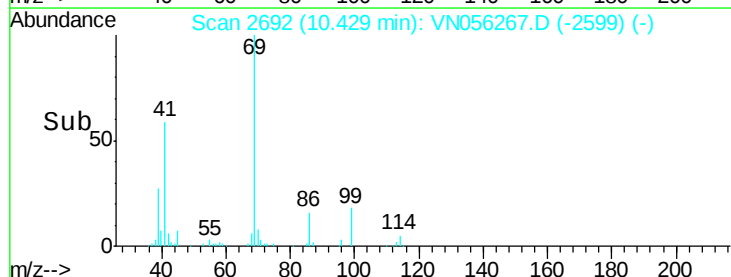
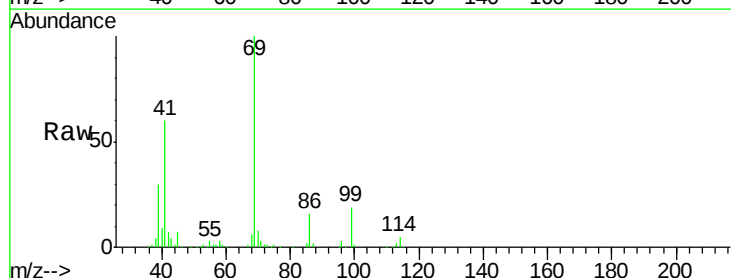
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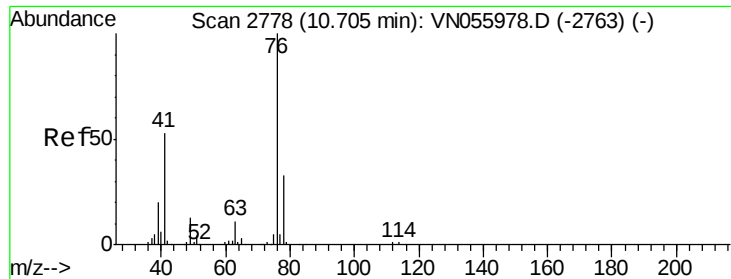
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 6/13/2019 11:08:54 AM



#56
 Ethyl methacrylate
 Concen: 52.884 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	199047		
41	62.0	49.7	74.5	
39	29.2	24.7	37.1	





#57

1,3-Dichloropropane

Concen: 51.922 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 76 Resp: 217765

Ion Ratio Lower Upper

76 100

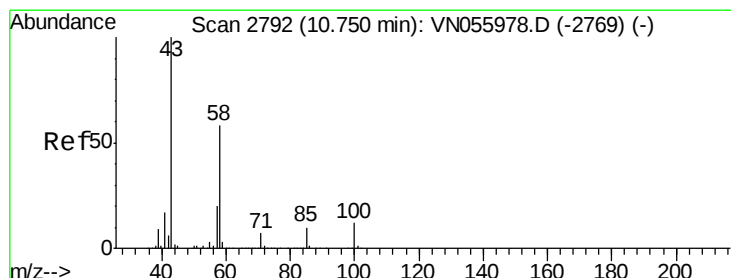
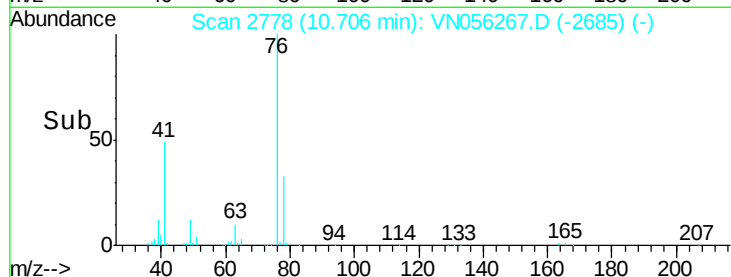
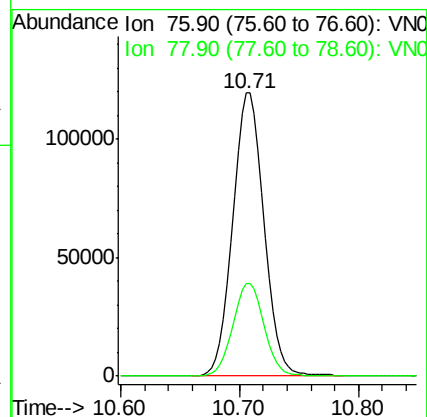
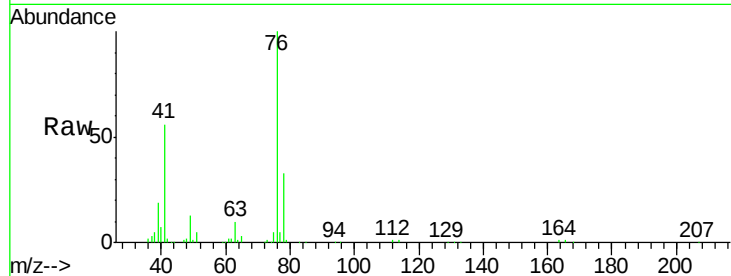
78 32.9 25.8 38.6

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#59

2-Hexanone

Concen: 275.575 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN056267.D

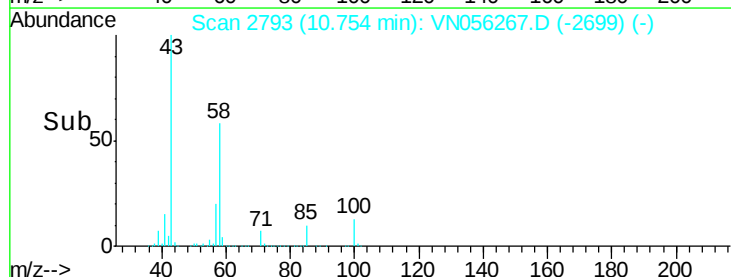
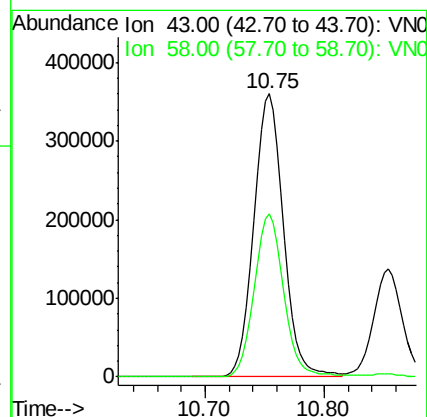
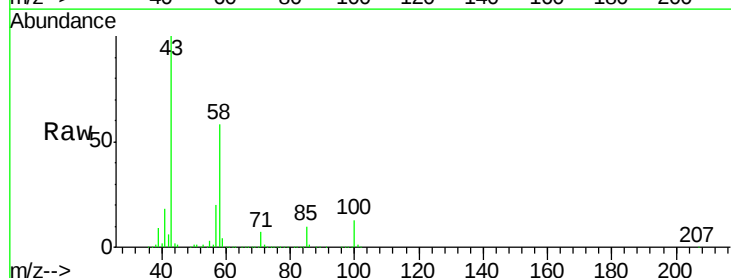
Acq: 12 Jun 2019 22:35

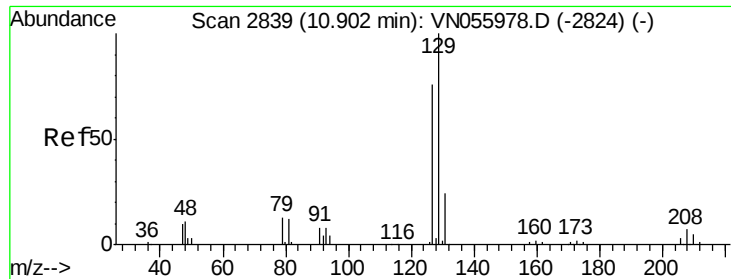
Tgt Ion: 43 Resp: 620609

Ion Ratio Lower Upper

43 100

58 57.3 28.2 84.7





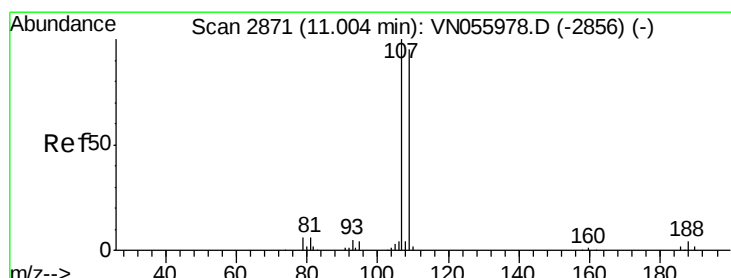
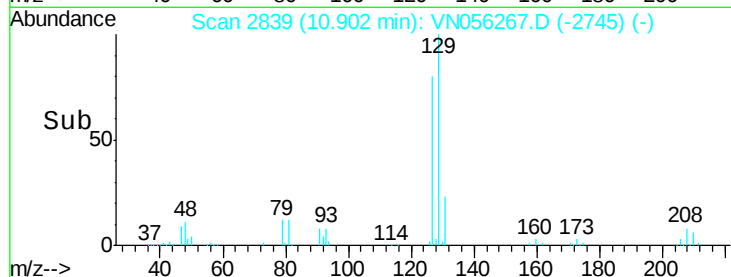
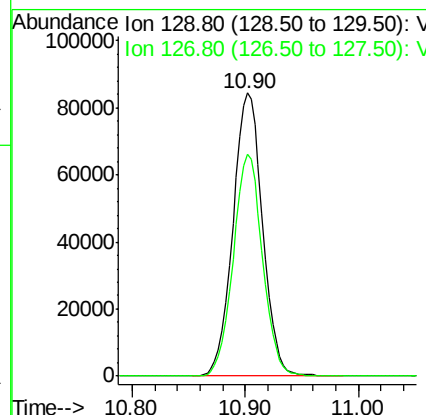
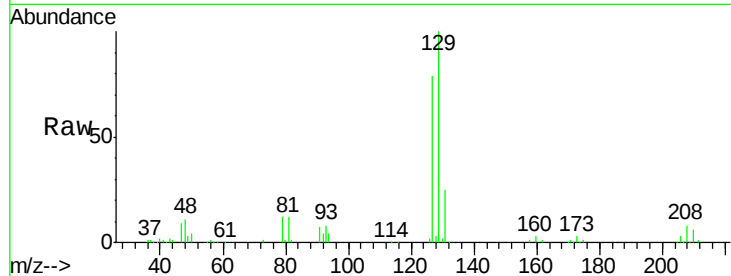
#60
Dibromochloromethane
Concen: 53.666 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:129 Resp: 153242
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3

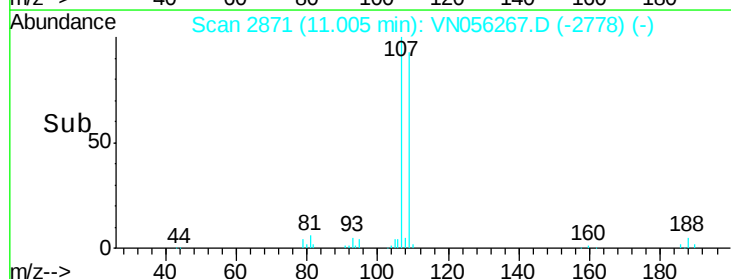
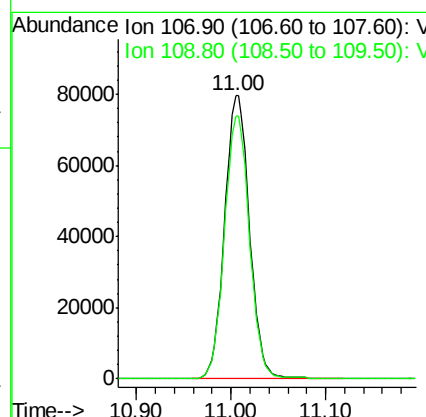
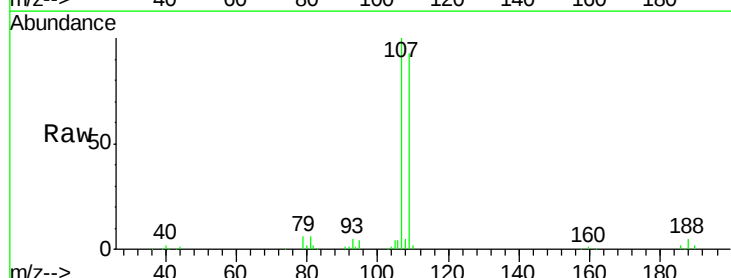
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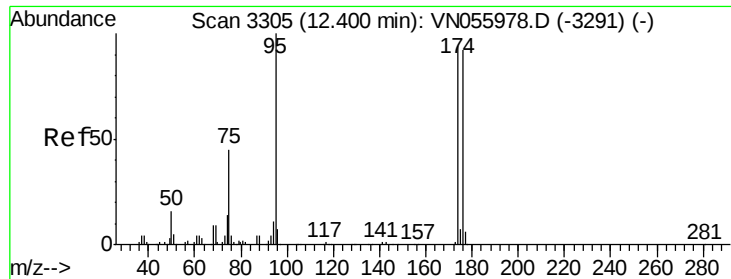
MMDadoda
6/13/2019 11:08:54 AM



#61
1,2-Dibromoethane
Concen: 55.317 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:107 Resp: 145899
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2





#62

4-Bromofluorobenzene

Concen: 50.124 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

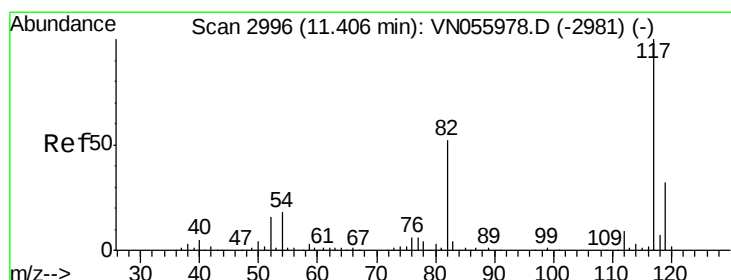
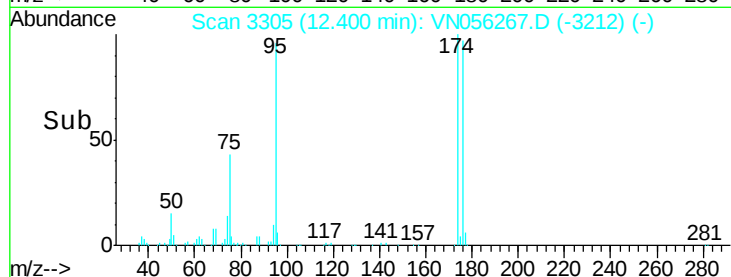
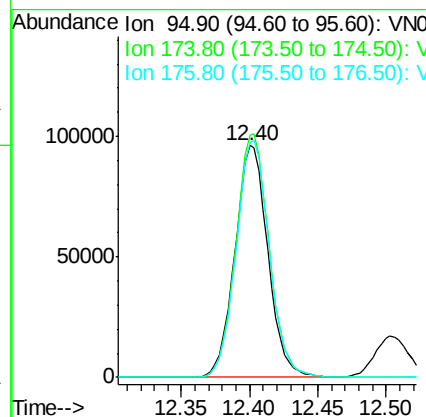
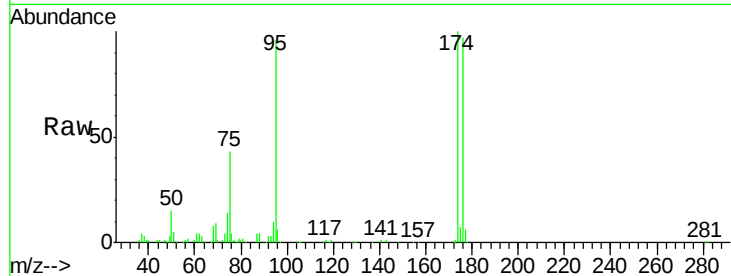
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	95	Resp:	161289
Ion	Ratio	Lower	Upper
95	100		
174	105.8	0.0	191.0
176	103.0	0.0	185.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

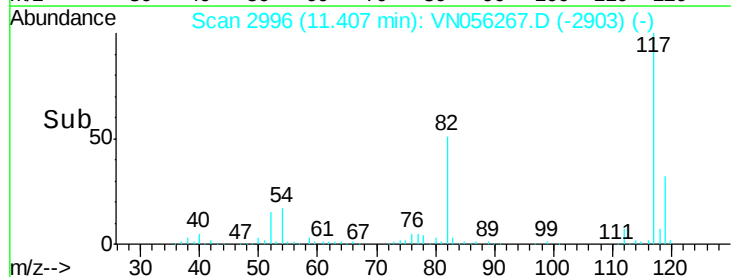
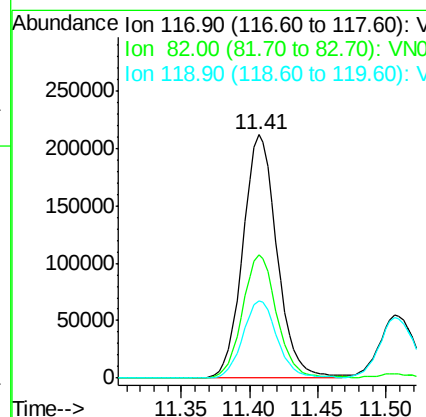
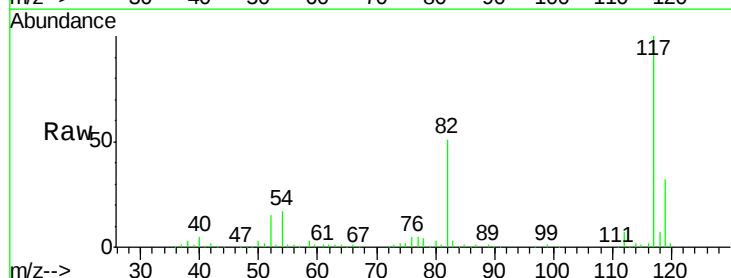
RT: 11.41 min Scan# 2996

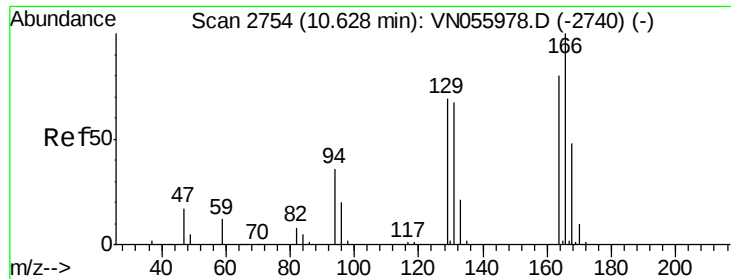
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	117	Resp:	368255
Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.8	62.8
119	31.9	25.4	38.0





#64

Tetrachloroethene

Concen: 48.234 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion:164 Resp: 153754

Ion Ratio Lower Upper

164 100

166 126.4 103.0 154.6

129 85.6 70.6 105.8

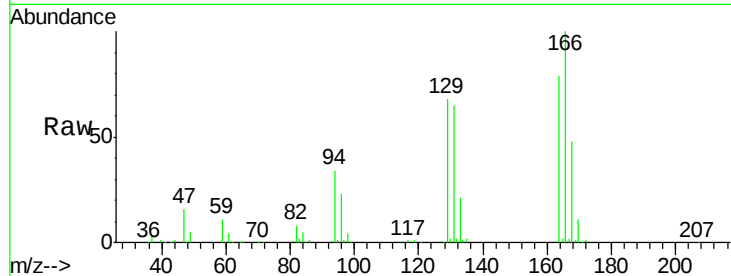
131 82.7 68.6 102.8

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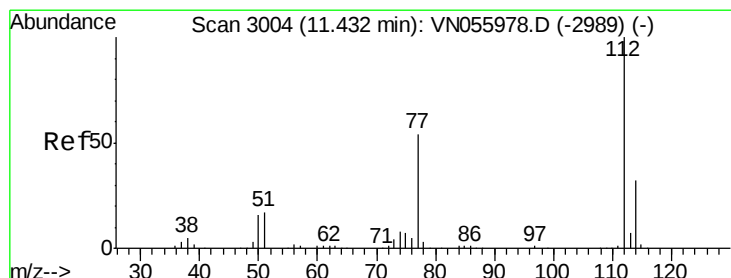
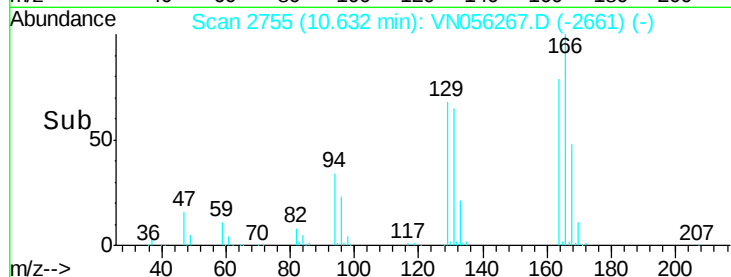
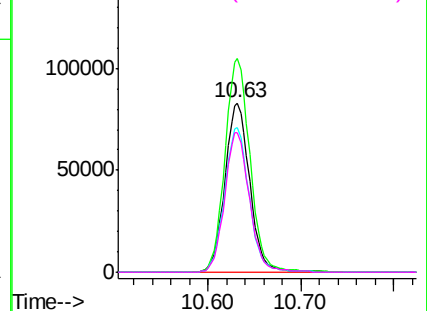


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.689 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056267.D

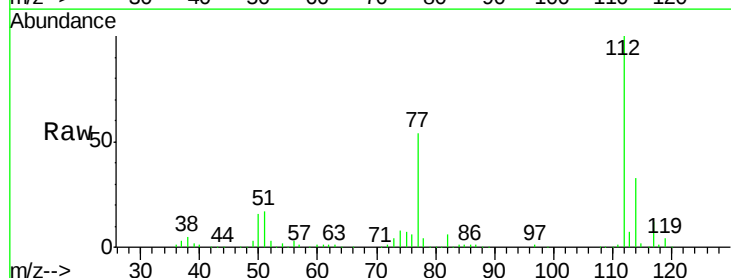
Acq: 12 Jun 2019 22:35

Tgt Ion:112 Resp: 364168

Ion Ratio Lower Upper

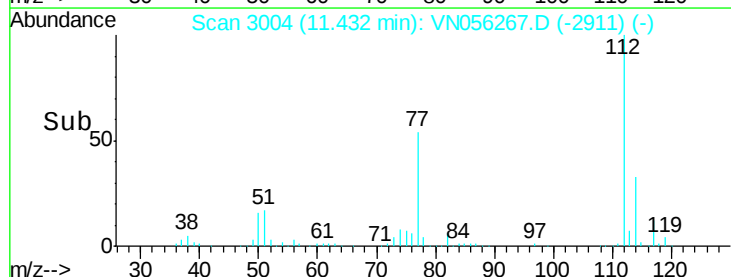
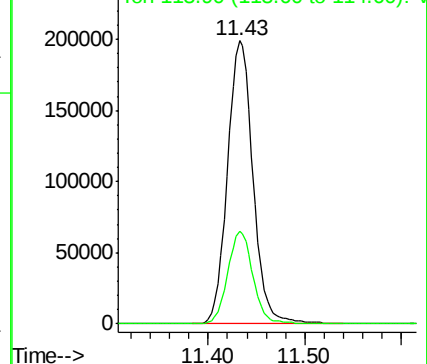
112 100

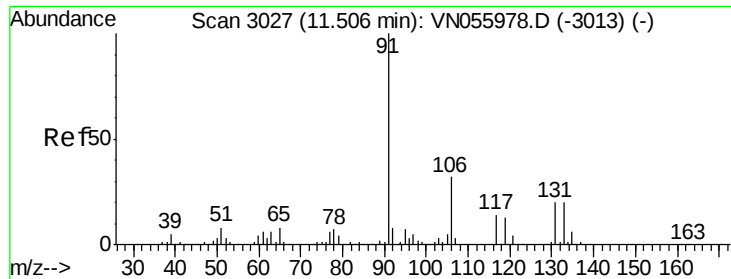
114 32.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 55.968 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

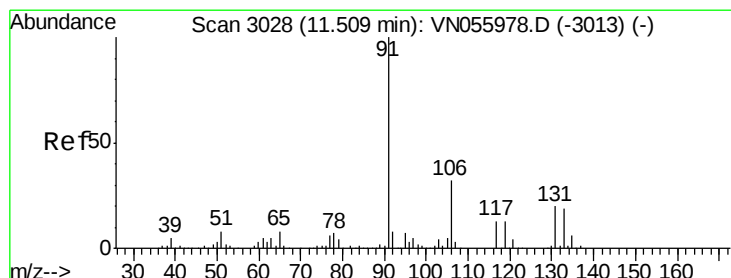
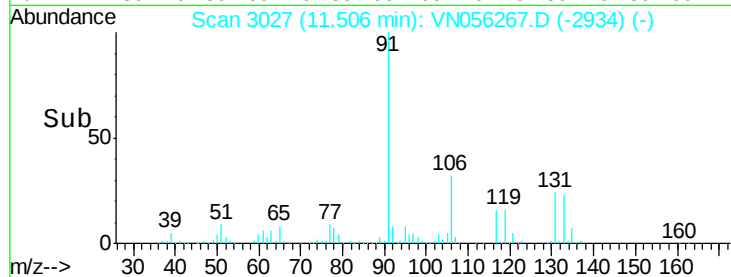
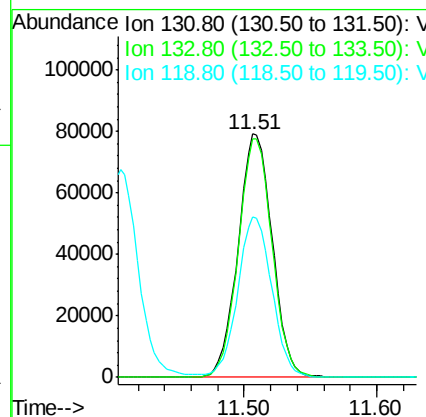
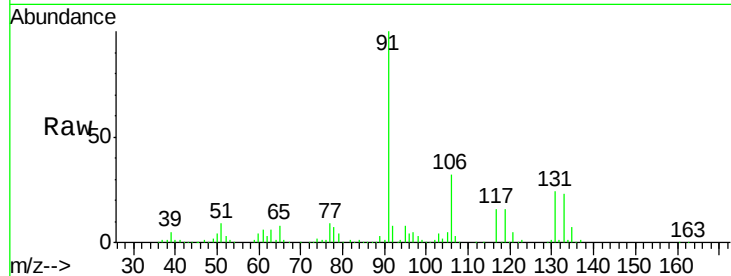
ClientSampleId :

RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.0	144.0
119	65.9	33.1	99.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.391 ug/l

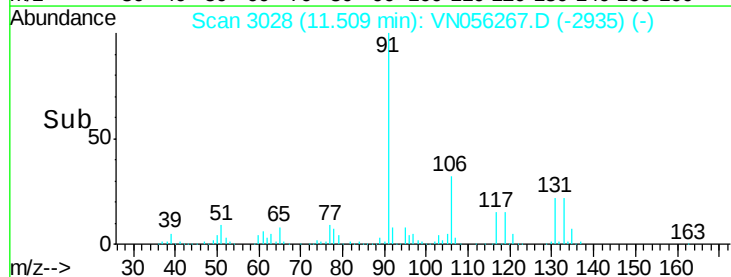
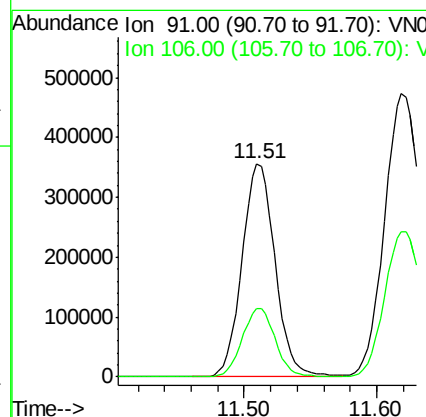
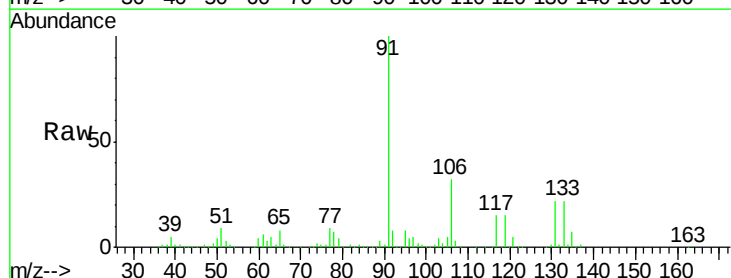
RT: 11.51 min Scan# 3028

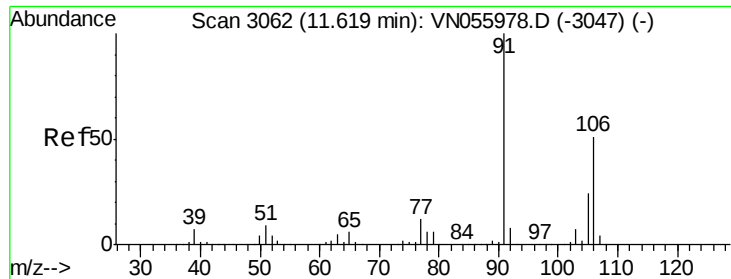
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.1	37.7





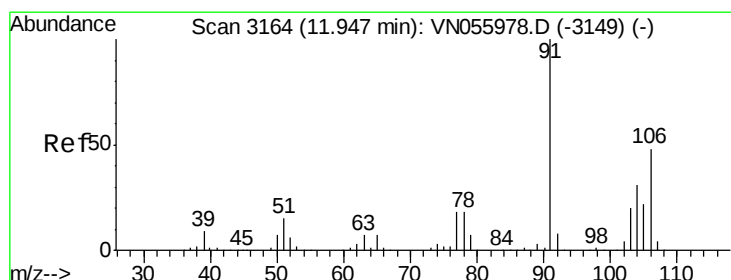
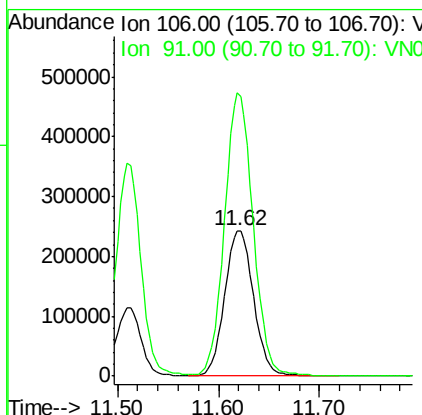
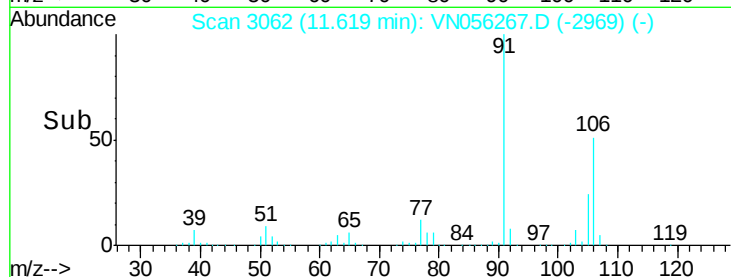
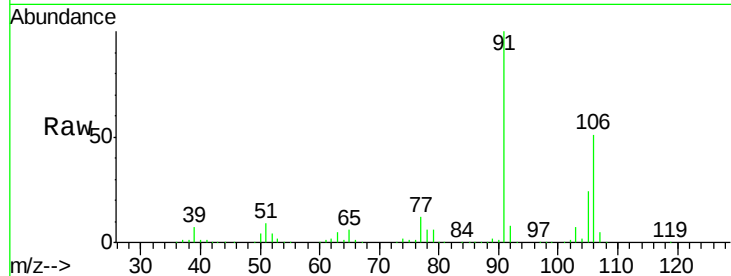
#68
m/p-Xvlenes
Concen: 99.985 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:106 Resp: 486760
Ion Ratio Lower Upper
106 100
91 192.4 159.3 238.9

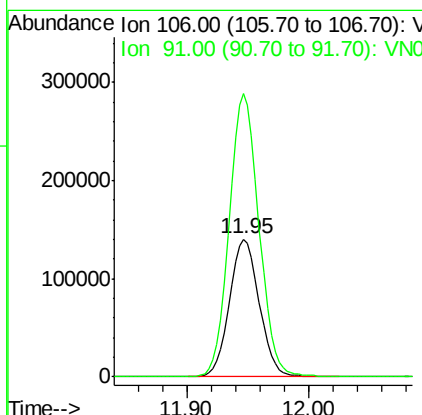
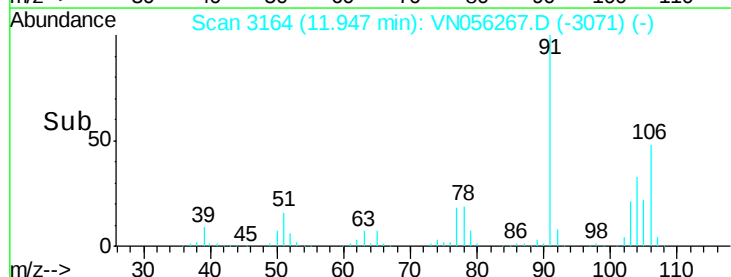
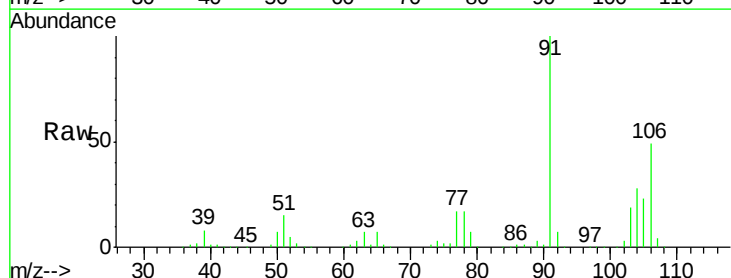
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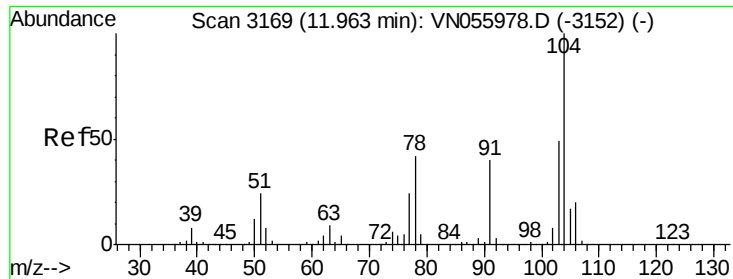
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#69
o-Xylene
Concen: 49.952 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:106 Resp: 239212
Ion Ratio Lower Upper
106 100
91 205.1 104.7 314.1





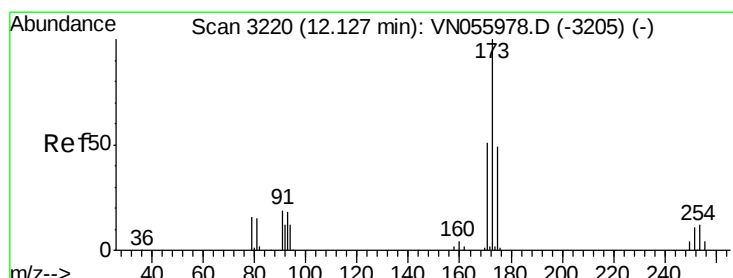
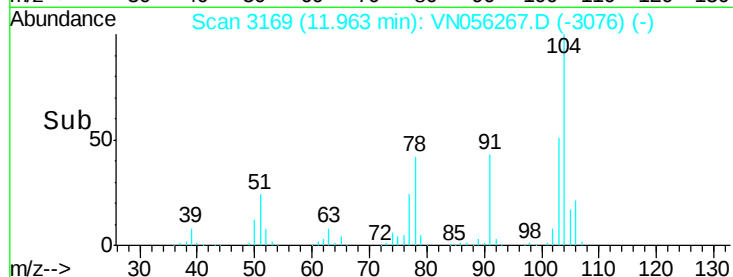
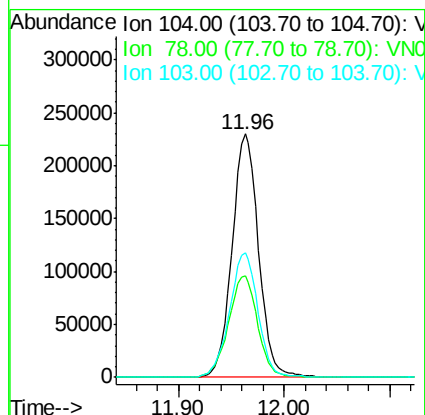
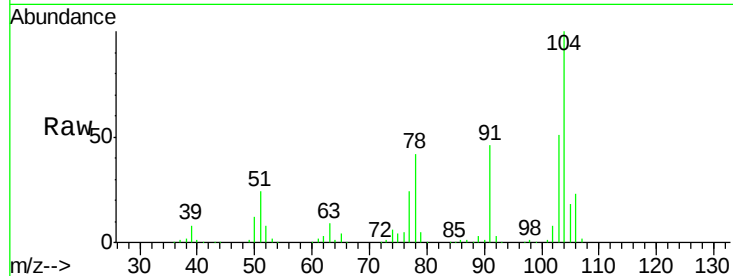
#70
Stvrene
Concen: 52.493 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.9	37.8	56.6
103	55.0	44.2	66.2

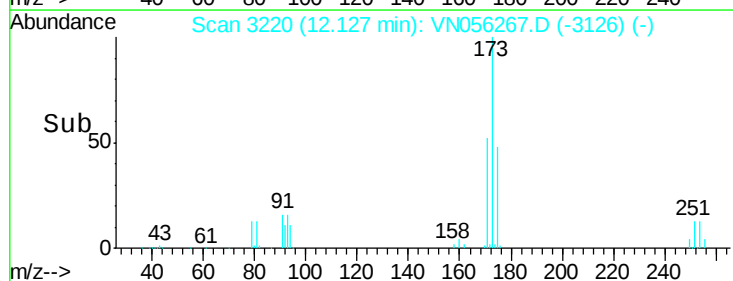
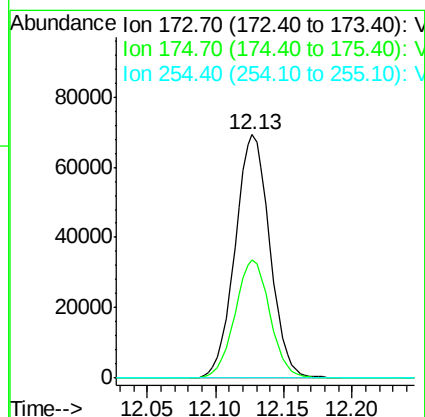
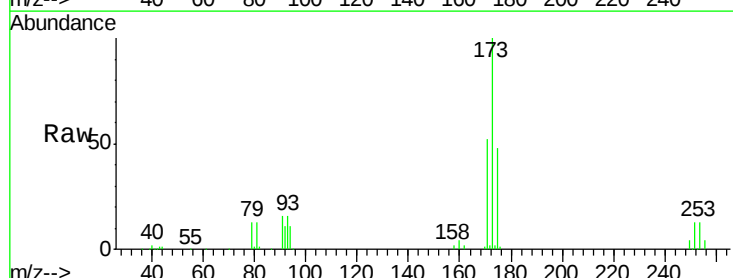
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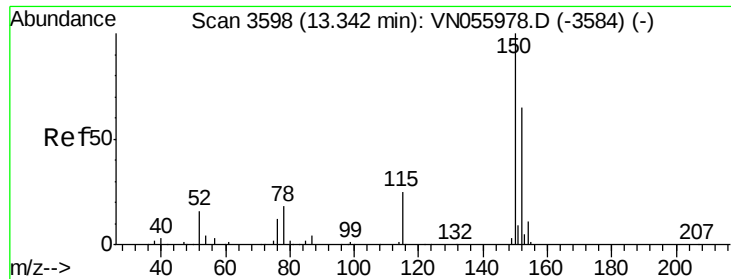
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#71
Bromoform
Concen: 57.053 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion:152 Resp: 177450

Ion Ratio Lower Upper

152 100

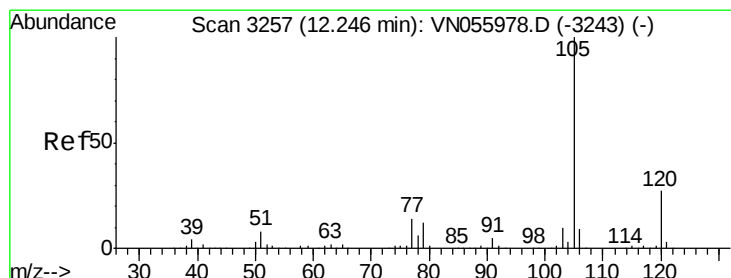
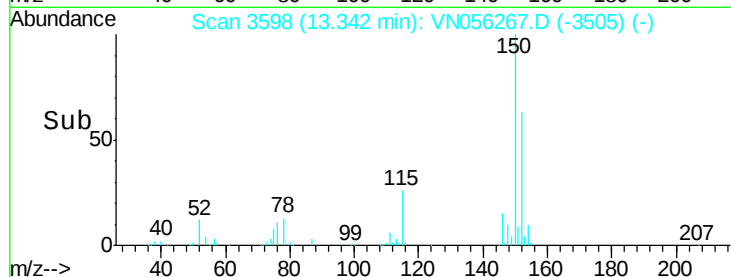
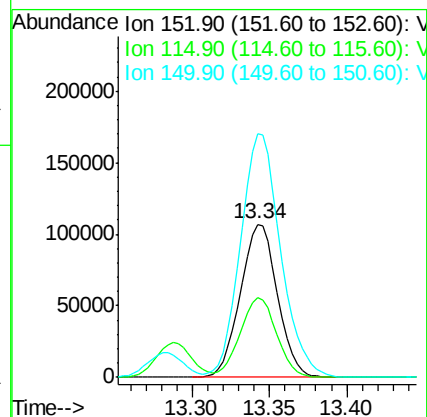
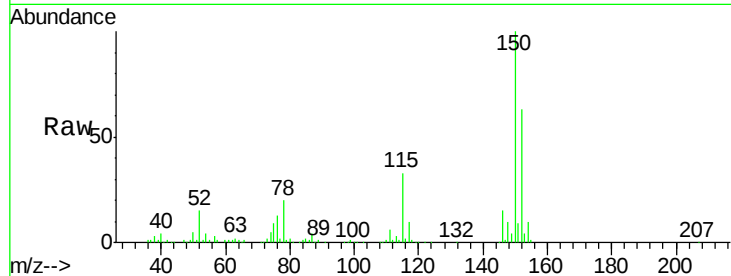
115 51.5 27.0 81.0

150 173.1 0.0 343.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 49.053 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056267.D

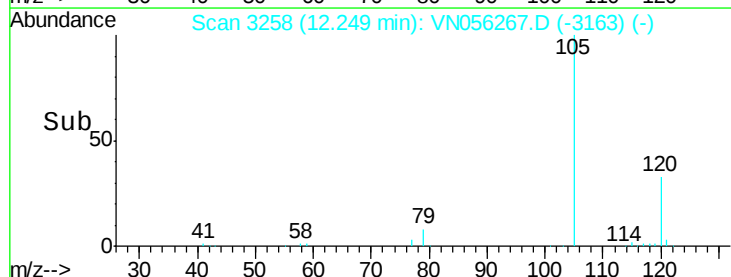
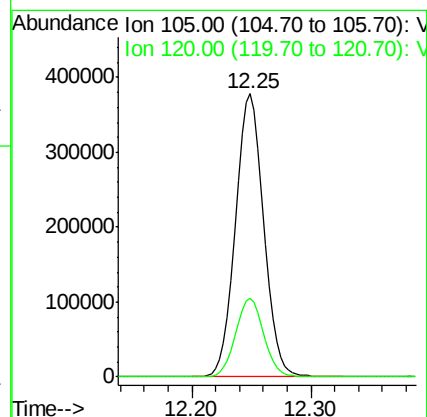
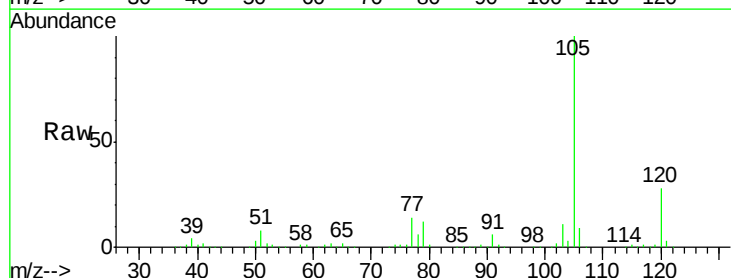
Acq: 12 Jun 2019 22:35

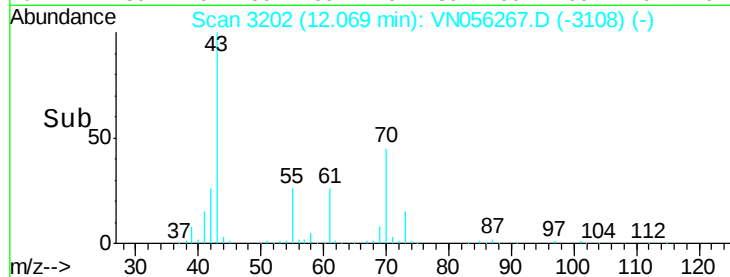
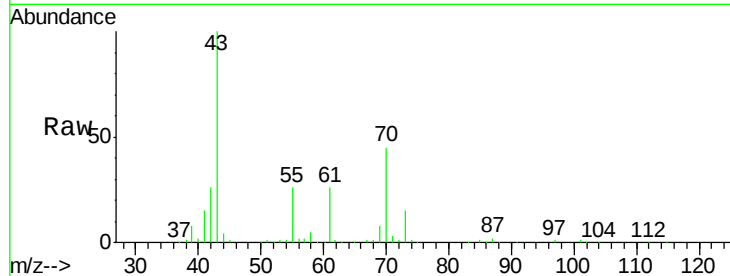
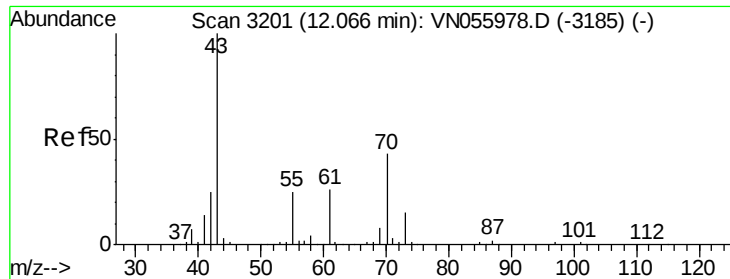
Tgt Ion:105 Resp: 621036

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7





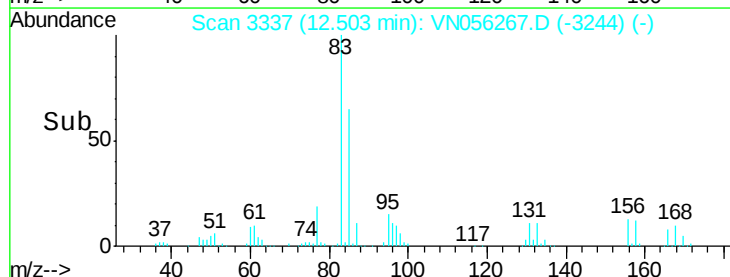
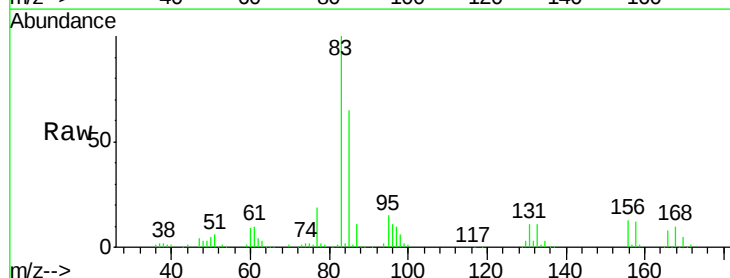
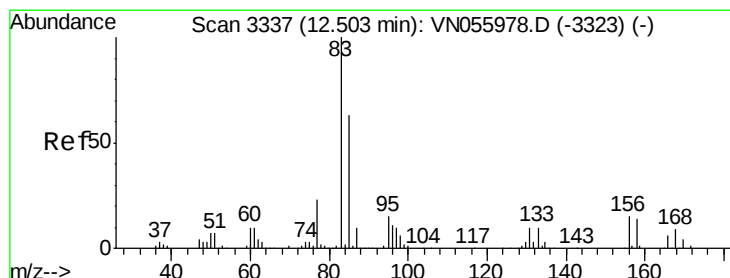
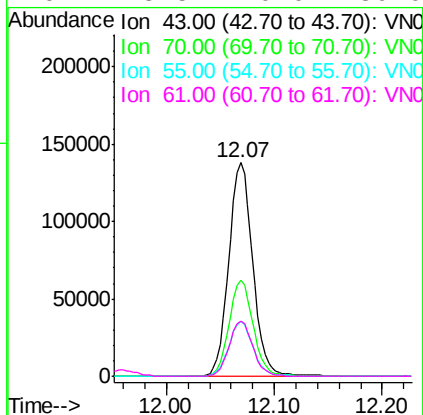
#74
N-amvl acetate
Concen: 45.064 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tot Ion	Ratio	Lower	Upper
43	100		
70	44.9	34.0	51.0
55	26.1	18.6	28.0
61	25.5	20.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

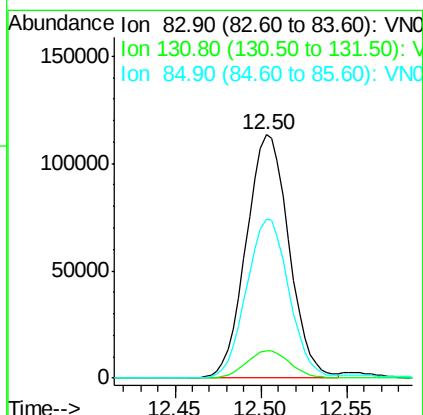
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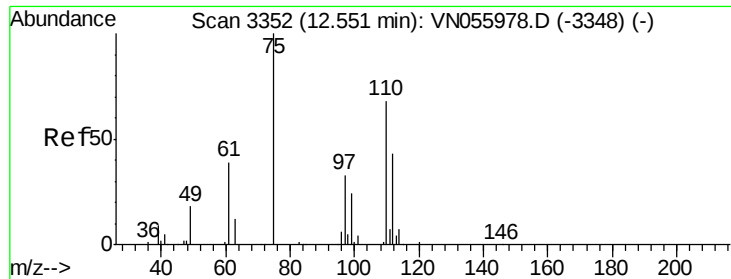
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#75
1,1,2,2-Tetrachloroethane
Concen: 47.627 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.4	16.2
85	65.1	32.4	97.0





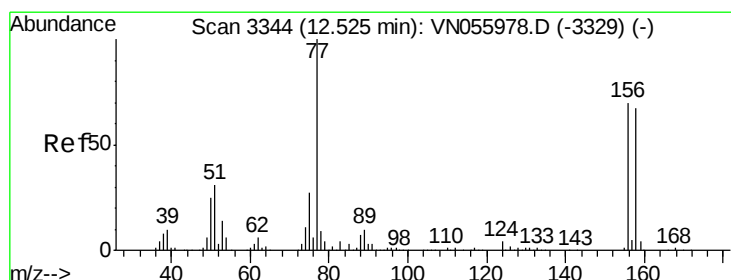
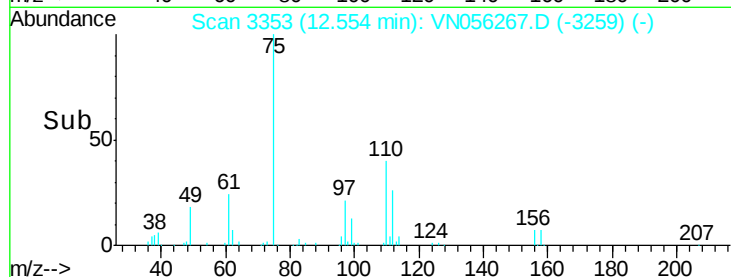
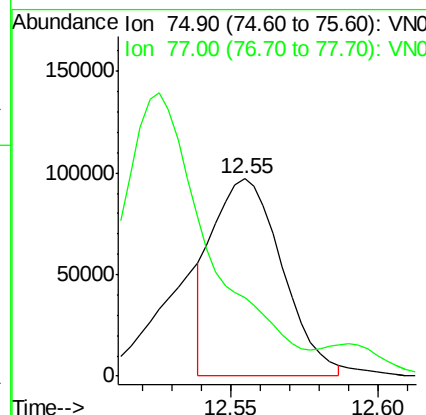
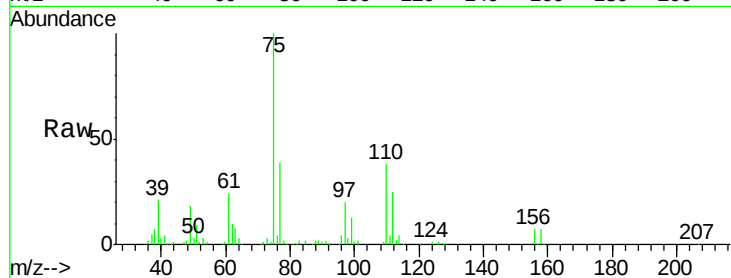
#76
 1,2,3-Trichloropropane
 Concen: 48.650 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion: 75 Resp: 158849
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

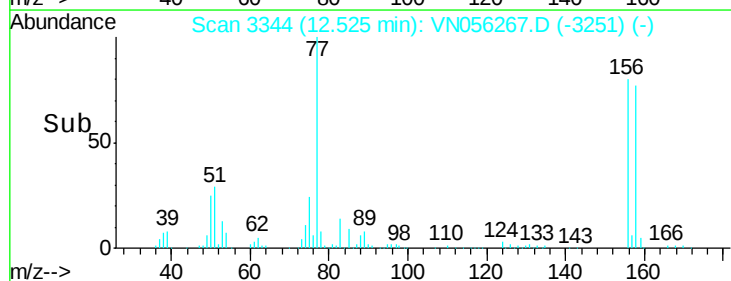
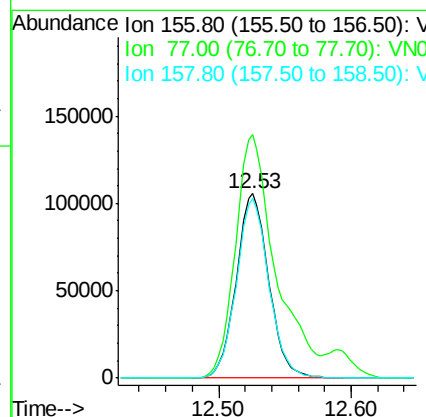
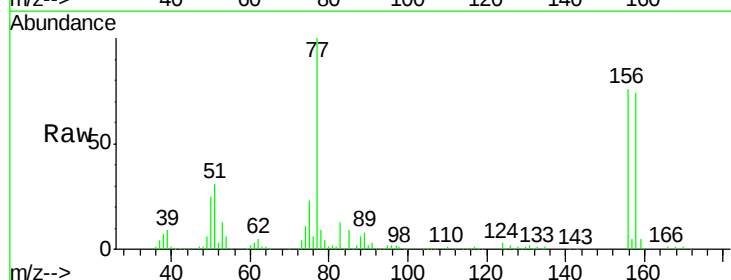
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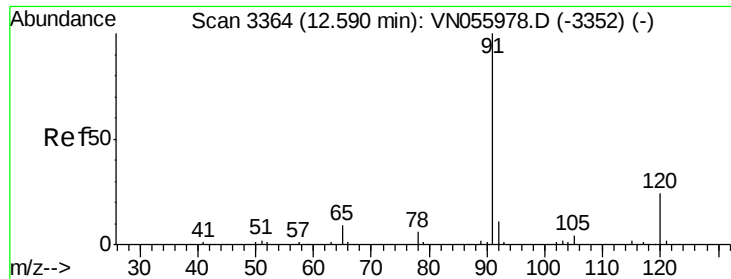
MMDadoda
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#77
 Bromobenzene
 Concen: 47.156 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 156 Resp: 179155
 Ion Ratio Lower Upper
 156 100
 77 164.0 90.8 272.5
 158 97.7 49.3 147.8





#78

n-propylbenzene

Concen: 43.783 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 91 Resp: 657280

Ion Ratio Lower Upper

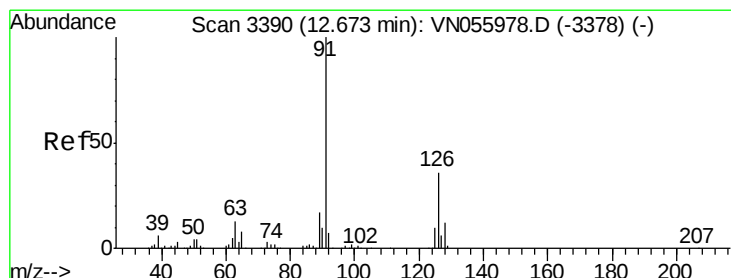
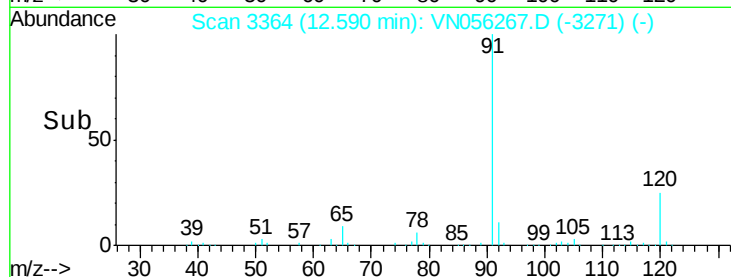
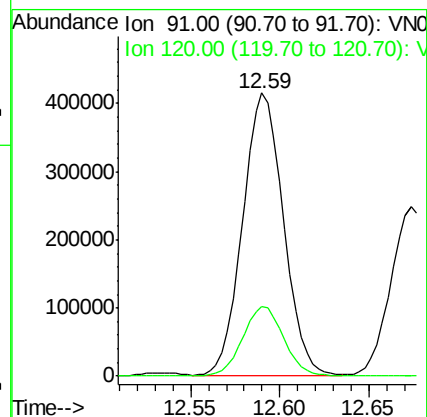
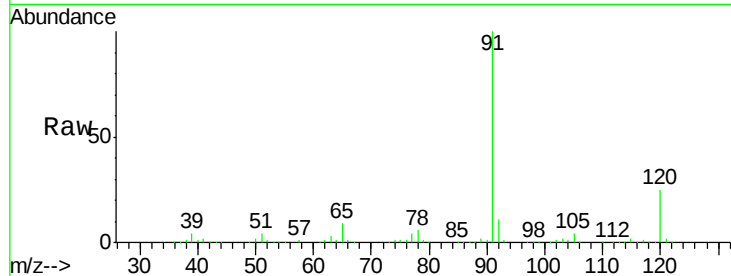
91 100

120 24.9 12.0 36.0

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#79

2-Chlorotoluene

Concen: 49.220 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056267.D

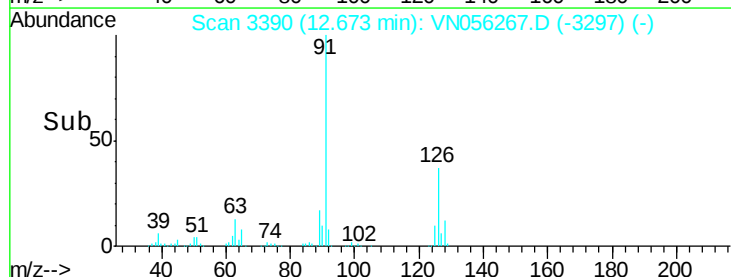
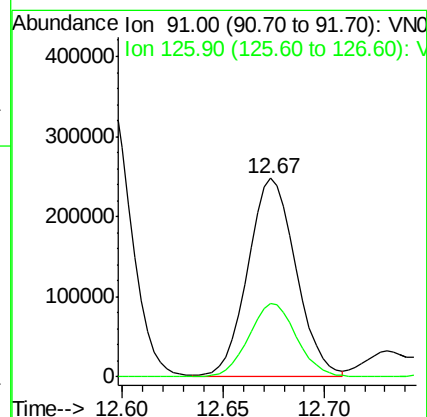
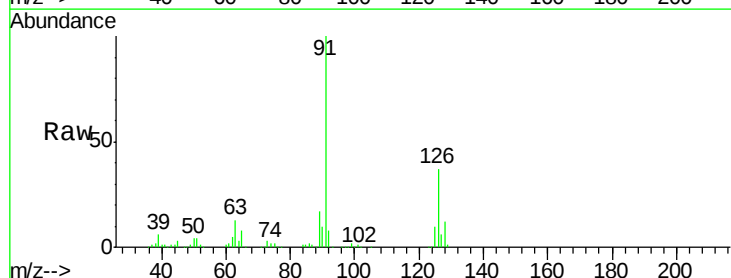
Acq: 12 Jun 2019 22:35

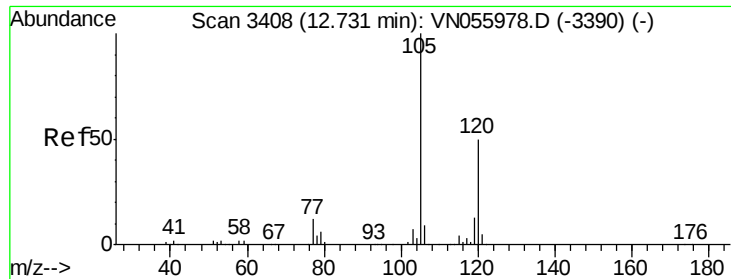
Tgt Ion: 91 Resp: 410147

Ion Ratio Lower Upper

91 100

126 37.3 18.1 54.4





#80

1,3,5-Trimethylbenzene

Concen: 43.755 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion:105 Resp: 522036

Ion Ratio Lower Upper

105 100

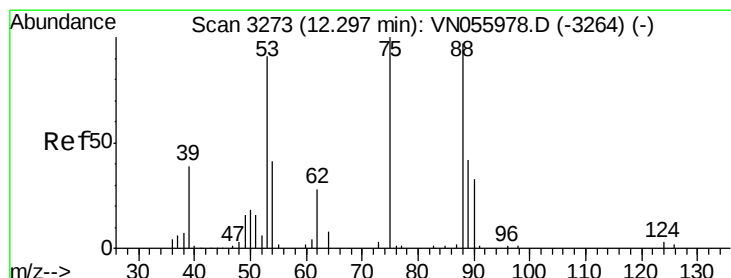
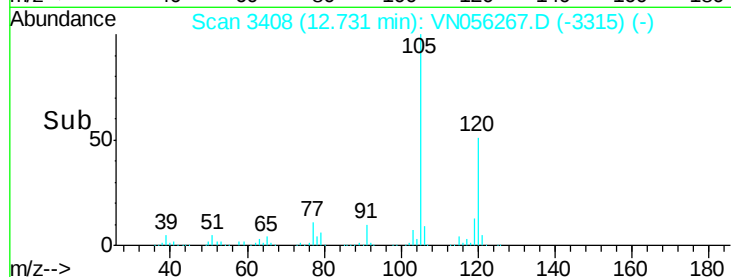
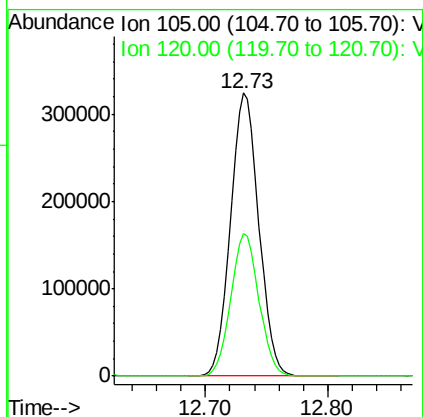
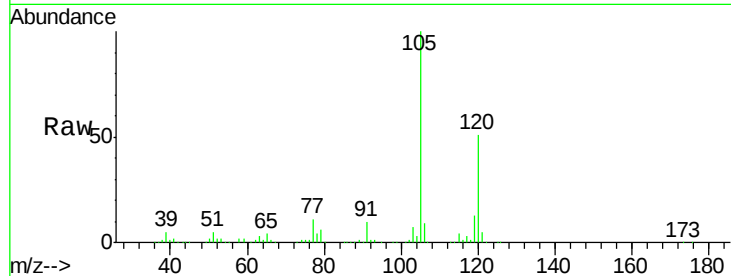
120 50.2 24.7 74.1

Manual Integrations

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#81

trans-1,4-Dichloro-2-butene

Concen: 43.040 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

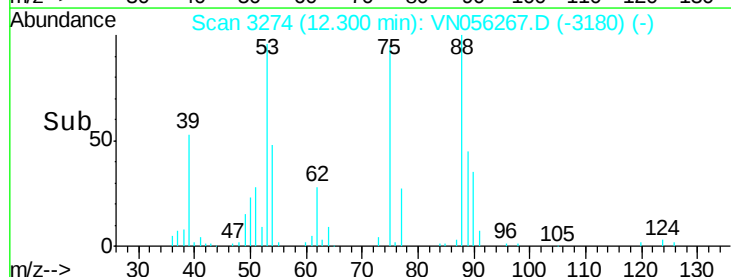
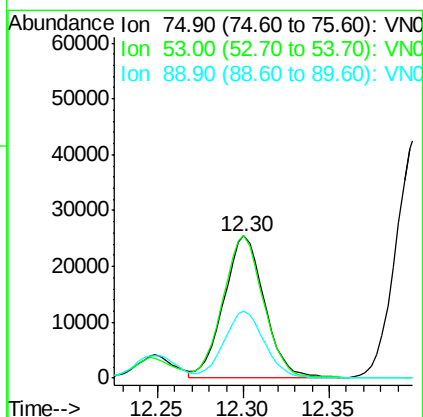
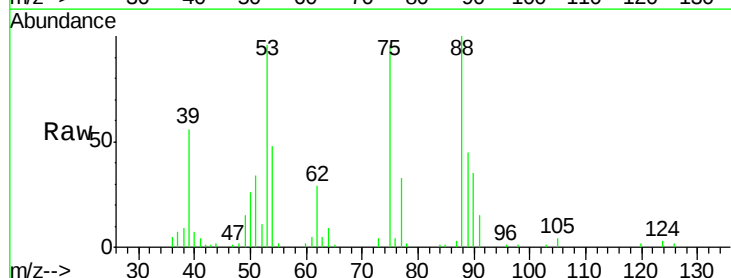
Tgt Ion: 75 Resp: 42200

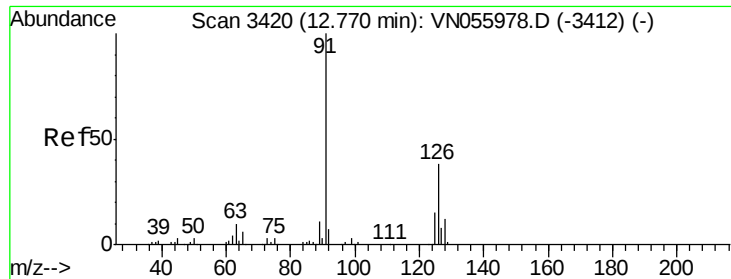
Ion Ratio Lower Upper

75 100

53 100.1 68.1 102.1

89 46.5 36.9 55.3





#82

4-Chlorotoluene

Concen: 44.806 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

Tot Ion: 91 Resp: 393517

Ion Ratio Lower Upper

91 100

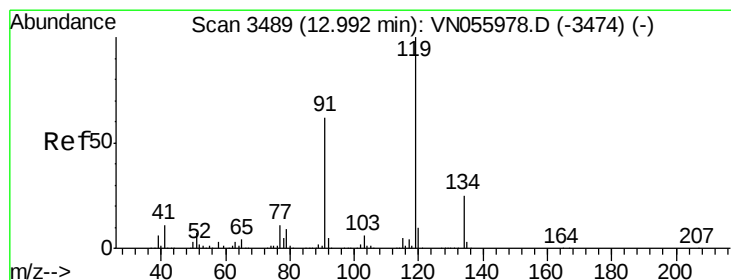
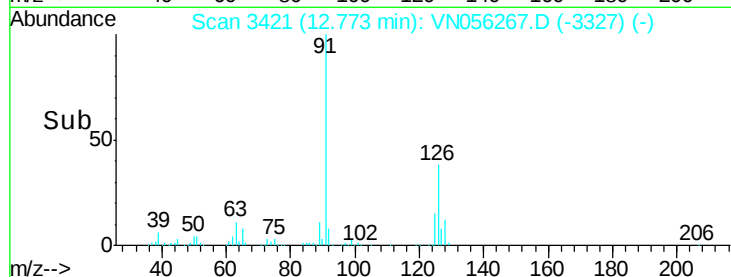
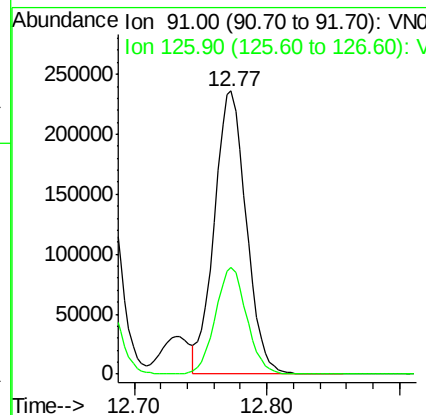
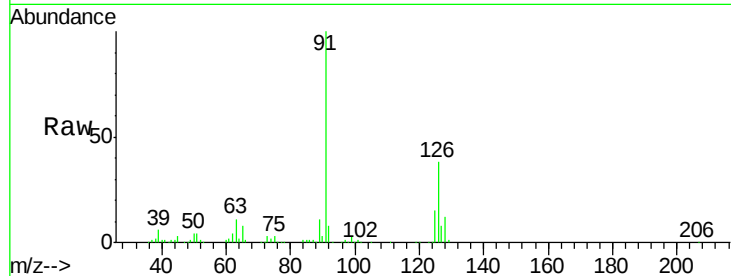
126 37.1 17.8 53.3

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.091 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

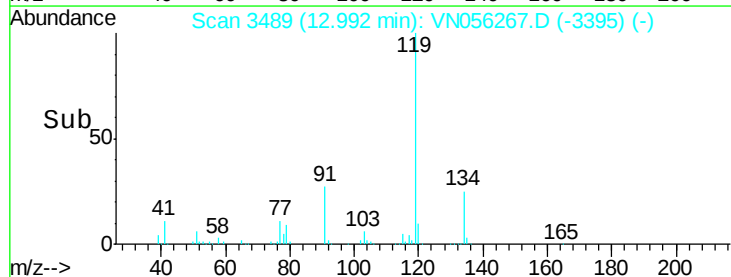
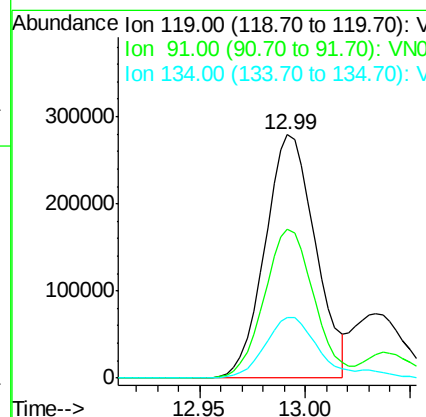
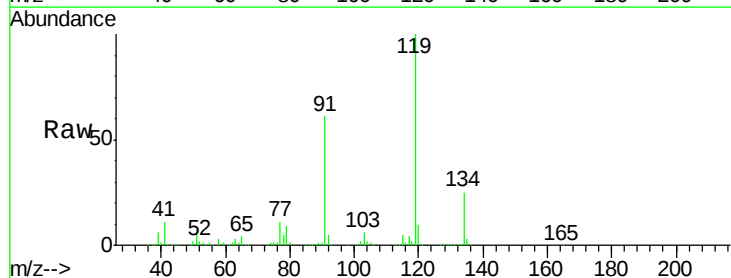
Tgt Ion: 119 Resp: 463653

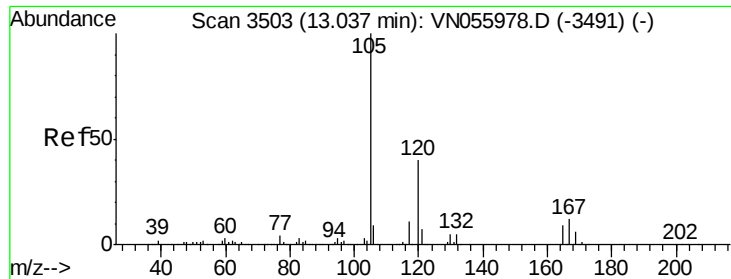
Ion Ratio Lower Upper

119 100

91 60.2 30.9 92.8

134 27.6 13.3 39.8





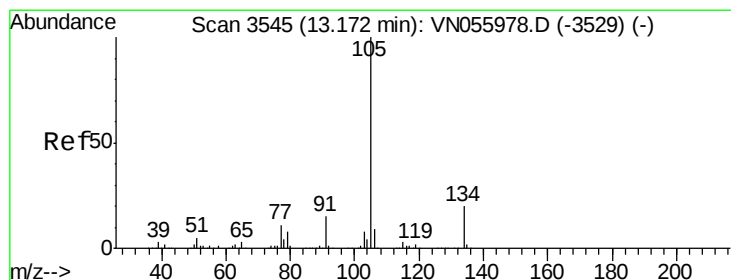
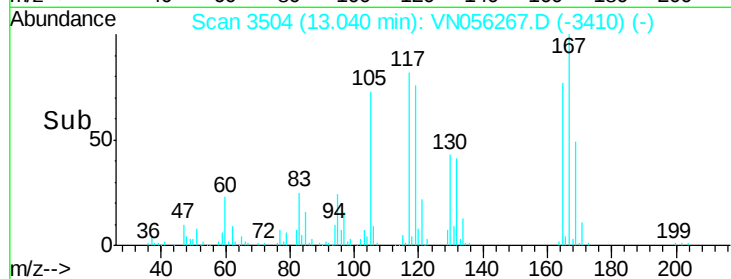
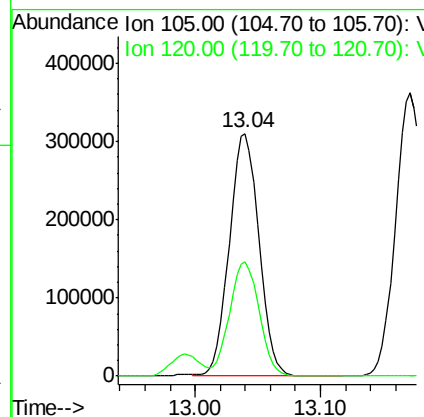
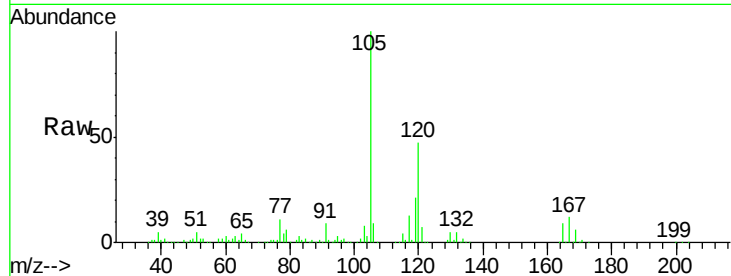
#84
 1,2,4-Trimethylbenzene
 Concen: 44.888 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.0	69.0

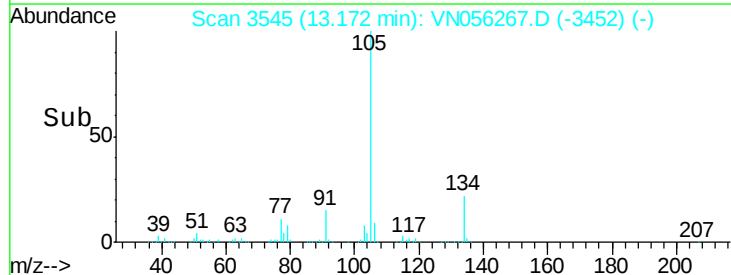
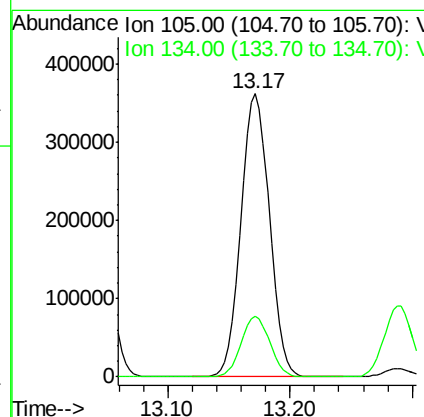
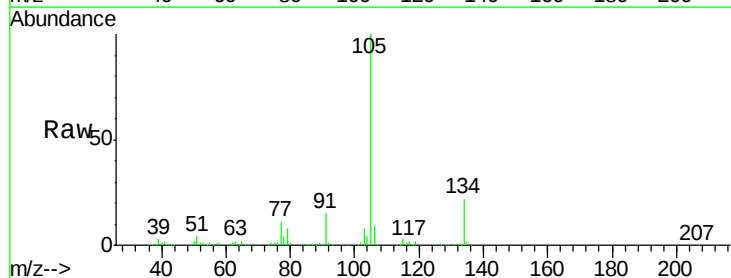
Manual Integrations
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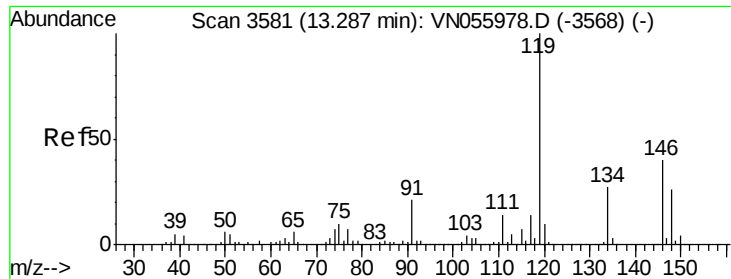
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 43.964 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.4	31.2





#86

p-Isopropyltoluene

Concen: 44.675 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

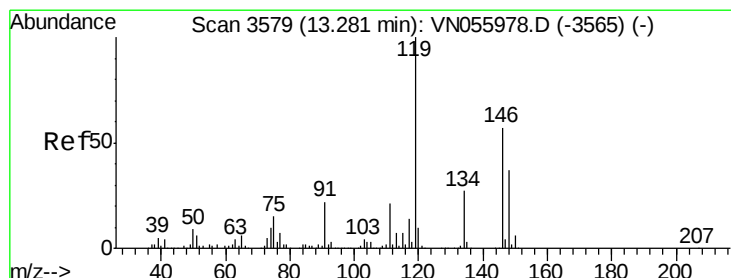
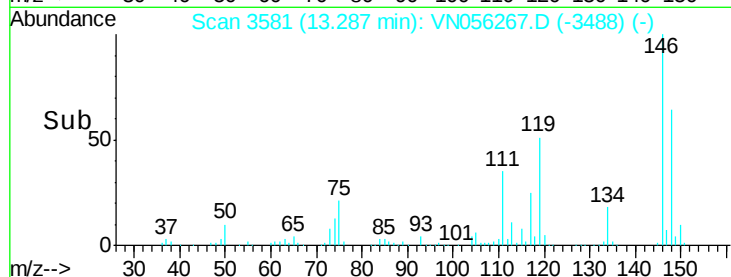
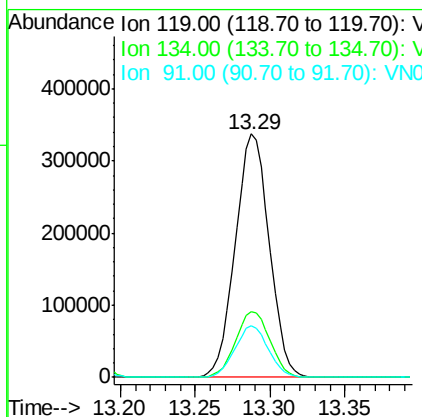
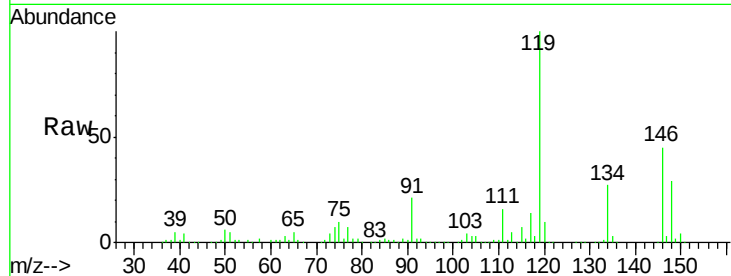
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	119	Resp:	531555
Ion Ratio	Lower	Upper	
119	100		
134	27.5	13.4	40.1
91	21.0	10.9	32.9

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#87

1,3-Dichlorobenzene

Concen: 47.680 ug/l

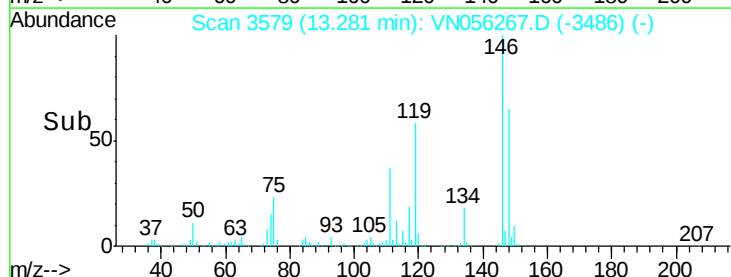
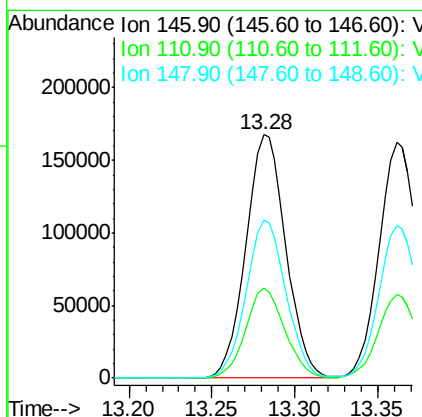
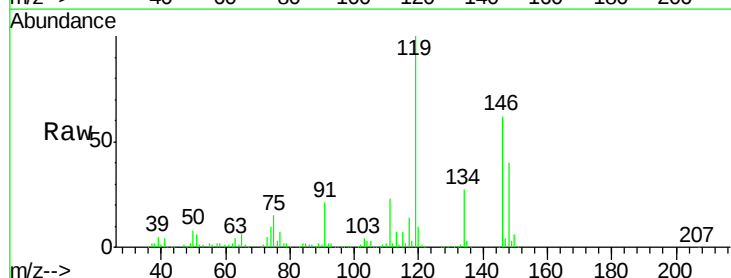
RT: 13.28 min Scan# 3579

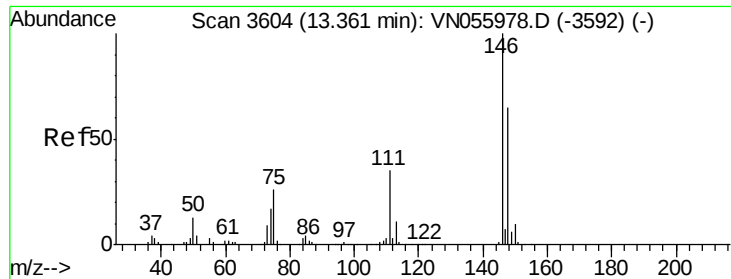
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	146	Resp:	280358
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.5	55.5
148	64.7	32.0	96.2





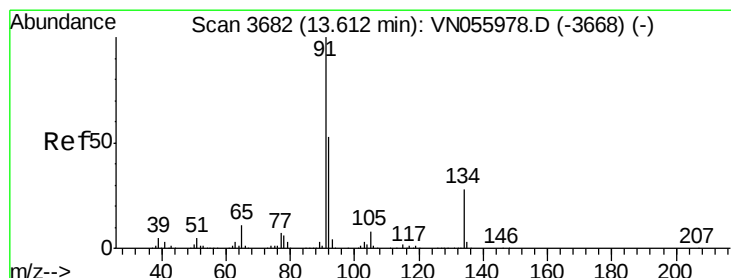
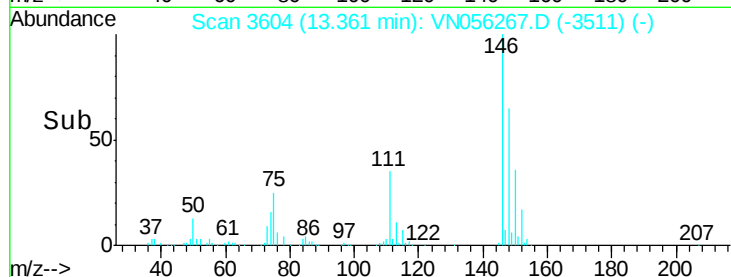
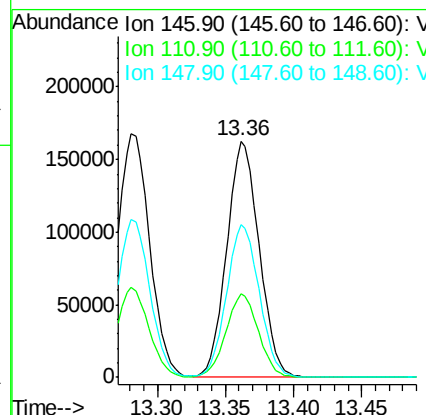
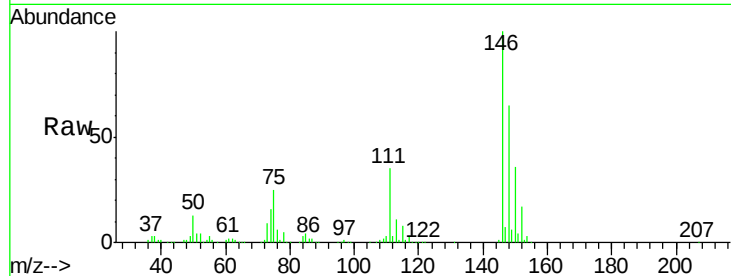
#88
 1,4-Dichlorobenzene
 Concen: 47.509 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.1	54.4
148	65.2	32.1	96.5

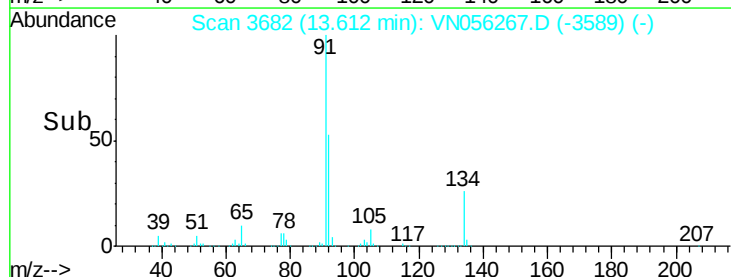
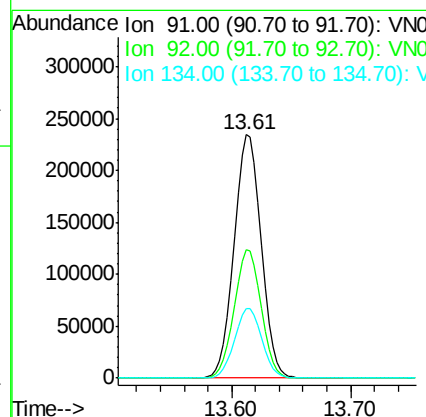
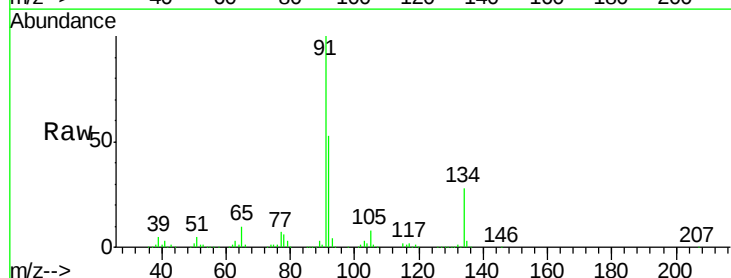
Manual Integrations
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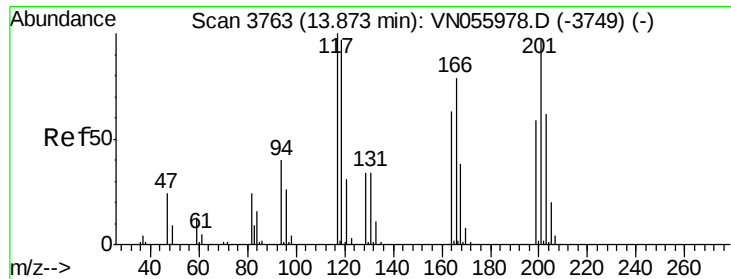
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 6/13/2019 11:08:54 AM



#89
 n-Butylbenzene
 Concen: 41.997 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	28.8	13.9	41.7





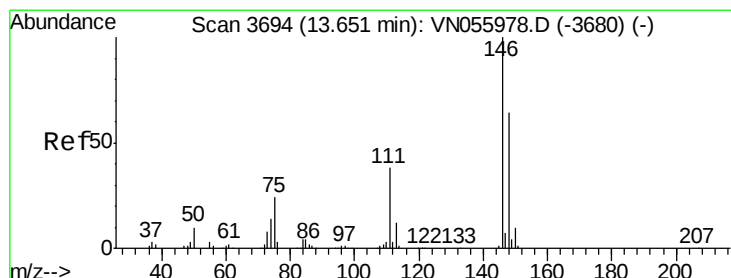
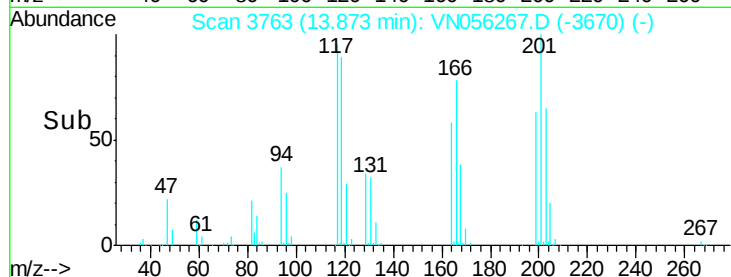
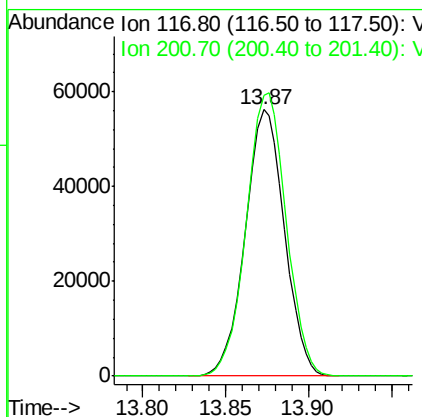
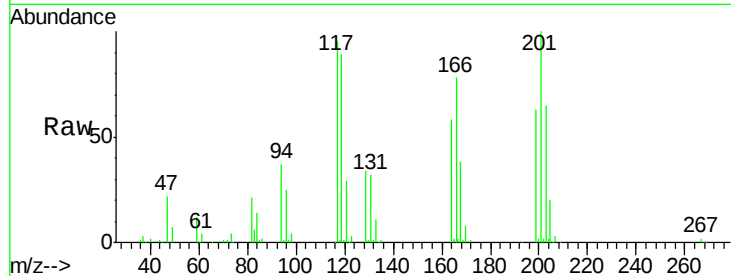
#90
Hexachloroethane
Concen: 51.429 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:117 Resp: 92282
Ion Ratio Lower Upper
117 100
201 108.1 50.0 150.0

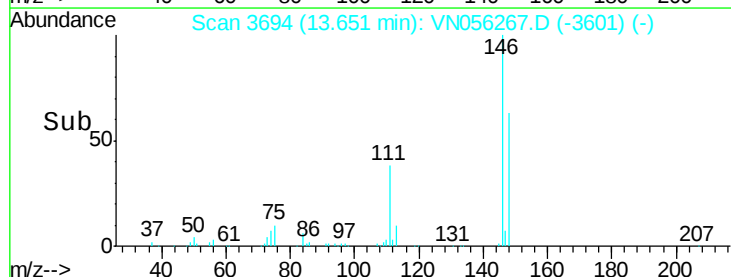
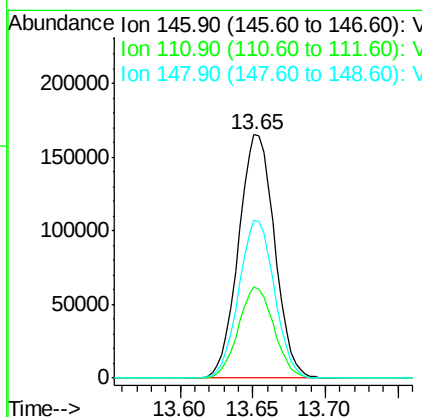
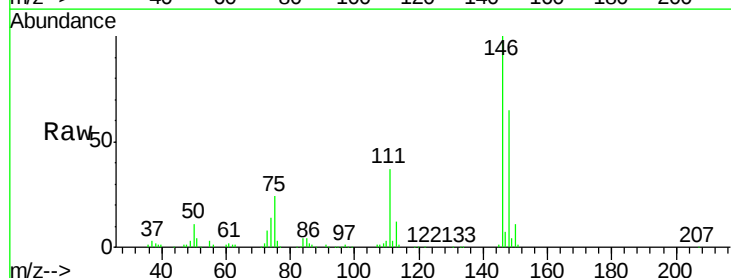
Manual Integrations
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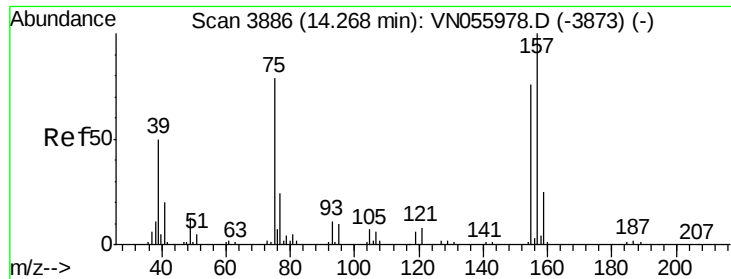
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#91
1,2-Dichlorobenzene
Concen: 48.091 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:146 Resp: 285496
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.5
148 64.0 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.028 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

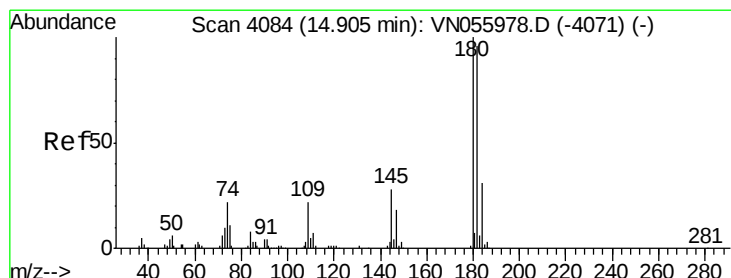
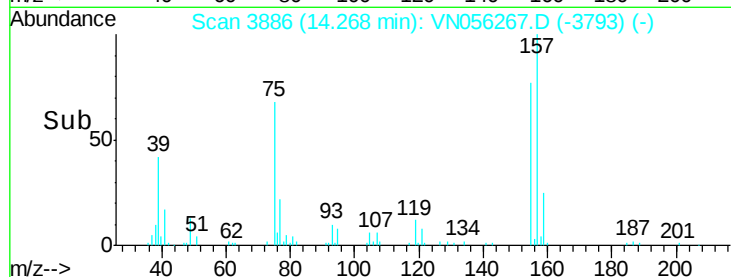
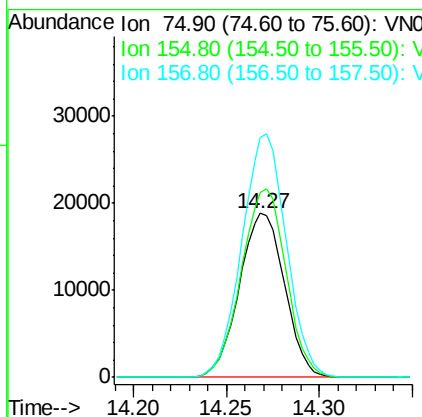
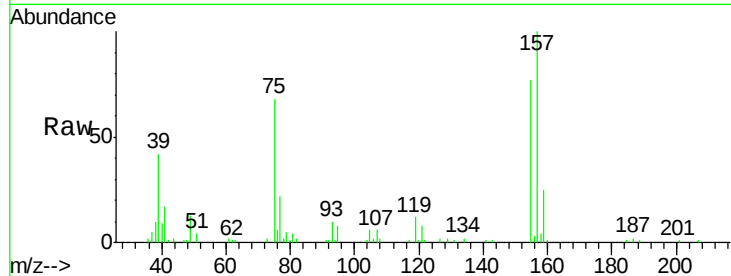
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	75	Resp:	31833
Ion	Ratio	Lower	Upper
75	100		
155	114.1	50.0	150.1
157	146.3	64.8	194.3

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#93

1,2,4-Trichlorobenzene

Concen: 40.825 ug/l

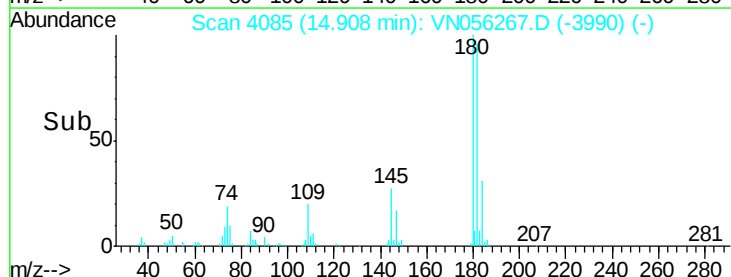
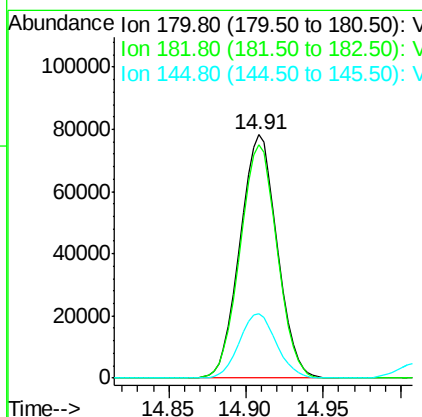
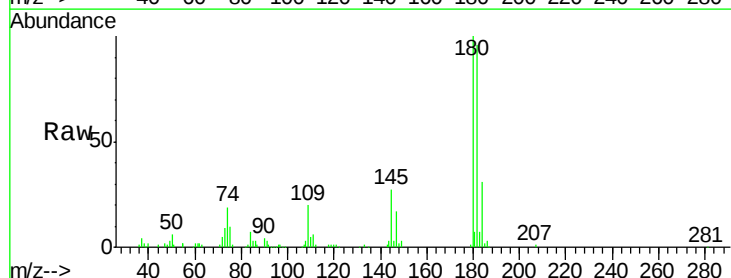
RT: 14.91 min Scan# 4085

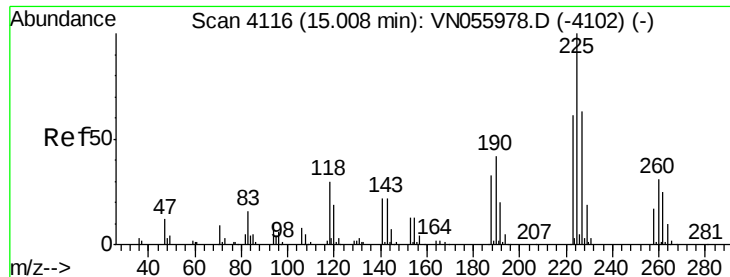
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	180	Resp:	130754
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.3	144.9
145	26.3	14.0	41.9





#94

Hexachlorobutadiene

Concen: 55.943 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

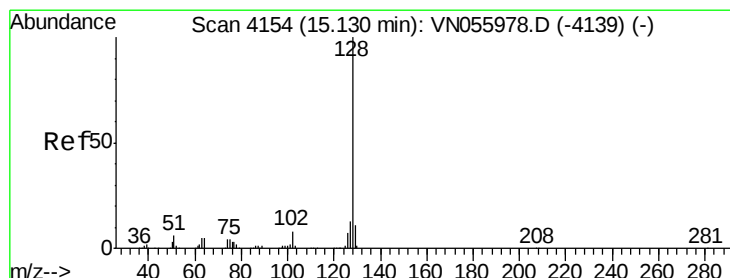
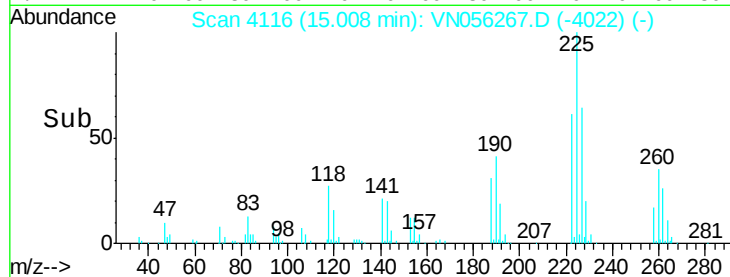
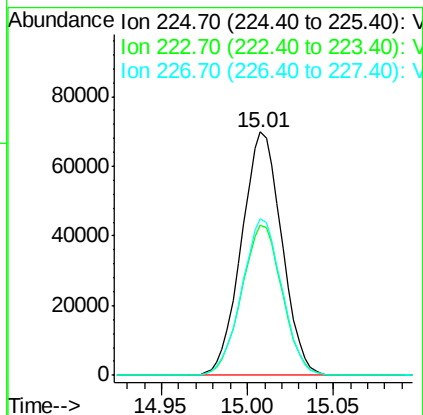
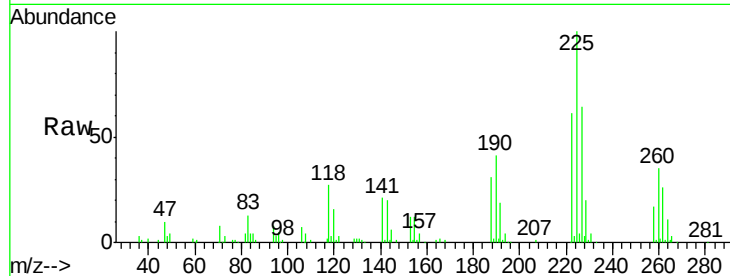
ClientSampleId :

RE104D2-20190607MS

Tot Ion:	225	Resp:	113402
Ion Ratio		Lower	Upper
225	100		
223	62.2	30.9	92.7
227	64.1	31.6	94.7

Manual Integrations
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#95

Naphthalene

Concen: 39.715 ug/l

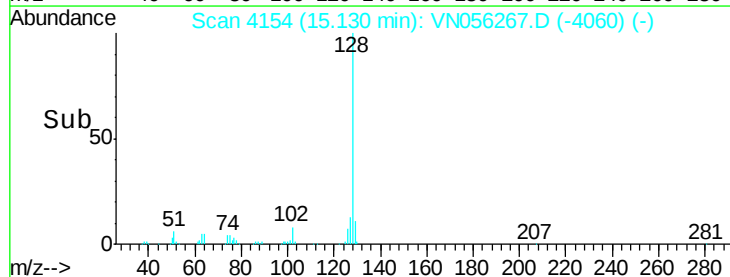
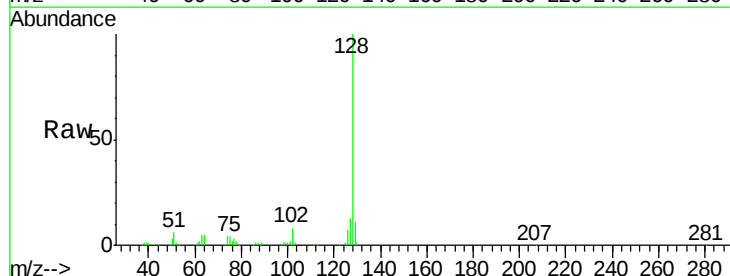
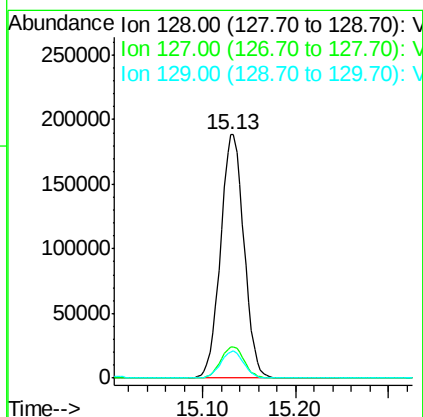
RT: 15.13 min Scan# 4154

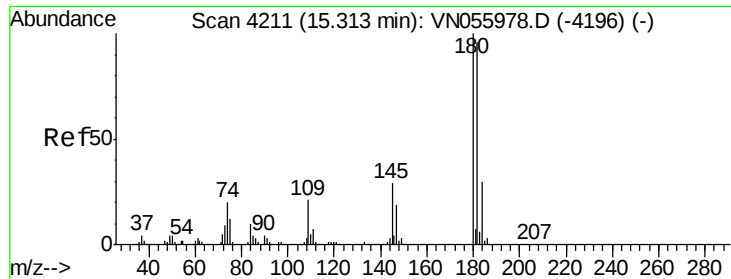
Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:	128	Resp:	329798
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.576 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147449		
182	96.1	47.9	143.7	
145	28.3	14.9	44.7	

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:08:54 AM

