

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057002.D
 Acq On : 31 Jul 2019 10:25
 Operator : JC/SP
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Manual Integrations
 APPROVED

MMdadoda
 8/2/2019 10:54:21 PM

Quant Time: Aug 01 01:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	487995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	708617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	250374	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.58	113	233445	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.08	98	884906	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	271461	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	105378	21.360	ug/l	97
3) Chloromethane	2.05	50	112906	19.112	ug/l	100
4) Vinyl Chloride	2.18	62	107689	19.441	ug/l	99
5) Bromomethane	2.55	94	67552	19.617	ug/l	99
6) Chloroethane	2.69	64	58247	19.075	ug/l	99
7) Trichlorofluoromethane	3.00	101	150022	20.690	ug/l	99
8) Diethyl Ether	3.40	74	53718	19.795	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	88686	19.728	ug/l	98
10) Methyl Iodide	3.94	142	114615	19.080	ug/l	98
11) Tert butyl alcohol	4.78	59	68480	101.421	ug/l	99
12) 1,1-Dichloroethene	3.73	96	85762	19.994	ug/l	96
13) Acrolein	3.60	56	20426	57.036	ug/l	92
14) Allyl chloride	4.31	41	132995	19.061	ug/l	98
15) Acrylonitrile	4.97	53	199371	100.688	ug/l	98
16) Acetone	3.81	43	173034	95.615	ug/l	99
17) Carbon Disulfide	4.04	76	207655	18.218	ug/l	99
18) Methyl Acetate	4.31	43	106643	18.472	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	256576	20.061	ug/l	97
20) Methylene Chloride	4.54	84	100956	19.367	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	91022	19.980	ug/l	99
22) Diisopropyl ether	5.94	45	285882	19.886	ug/l	98
23) Vinyl Acetate	5.88	43	955235	95.900	ug/l	99
24) 1,1-Dichloroethane	5.83	63	168887	19.911	ug/l	99
25) 2-Butanone	6.82	43	246769	96.163	ug/l	98
26) 2,2-Dichloropropane	6.81	77	122580	19.006	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	107009	19.860	ug/l	98
28) Bromochloromethane	7.18	49	68351	17.144	ug/l	97
29) Tetrahydrofuran	7.20	42	165823	99.042	ug/l	99
30) Chloroform	7.36	83	172621	19.904	ug/l	97
31) Cyclohexane	7.64	56	152933	18.632	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	138880	20.070	ug/l	98
36) 1,1-Dichloropropene	7.78	75	121839	19.540	ug/l	100
37) Ethyl Acetate	6.92	43	96262	19.276	ug/l #	93
38) Carbon Tetrachloride	7.76	117	119357	20.237	ug/l	98

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Quant Time: Aug 01 01:37:19 2019
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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	151227	18.976	ug/l	100
40) Benzene	8.03	78	388567	20.233	ug/l	99
41) Methacrylonitrile	7.17	41	41619m	18.027	ug/l	
42) 1,2-Dichloroethane	8.11	62	122792	20.401	ug/l	99
43) Isopropyl Acetate	8.16	43	158626	19.218	ug/l	93
44) Trichloroethene	8.82	130	107387	20.296	ug/l	96
45) 1,2-Dichloropropane	9.11	63	102569	19.967	ug/l	100
46) Dibromomethane	9.20	93	65300	21.079	ug/l	98
47) Bromodichloromethane	9.39	83	122051	20.038	ug/l	97
48) Methyl methacrylate	9.19	41	76593	19.220	ug/l	97
49) 1,4-Dioxane	9.19	88	33348	406.069	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	490882	100.092	ug/l	99
52) Toluene	10.15	92	237266	20.563	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	121629	19.243	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	142296	19.363	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	93217	20.145	ug/l	99
56) Ethyl methacrylate	10.42	69	122512	18.675	ug/l	99
57) 1,3-Dichloropropane	10.70	76	152758	19.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	201691	72.735	ug/l	99
59) 2-Hexanone	10.74	43	339939	91.607	ug/l	99
60) Dibromochloromethane	10.90	129	95637	20.173	ug/l	97
61) 1,2-Dibromoethane	11.00	107	93038	20.603	ug/l	99
64) Tetrachloroethene	10.63	164	111228	20.910	ug/l	97
65) Chlorobenzene	11.43	112	254536	20.231	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	93561	19.758	ug/l	99
67) Ethyl Benzene	11.51	91	434879	20.000	ug/l	99
68) m/p-Xylenes	11.62	106	326211	40.650	ug/l	99
69) o-Xylene	11.94	106	161495	20.570	ug/l	97
70) Styrene	11.96	104	254530	19.524	ug/l	100
71) Bromoform	12.12	173	65695	19.871	ug/l #	100
73) Isopropylbenzene	12.24	105	428508	21.110	ug/l	100
74) N-amyl acetate	12.07	43	116451	19.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118783	21.706	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	94458m	19.803	ug/l	
77) Bromobenzene	12.52	156	108723	20.522	ug/l	99
78) n-propylbenzene	12.59	91	444055	20.488	ug/l	100
79) 2-Chlorotoluene	12.67	91	274542	20.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	358769	21.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28544	19.227	ug/l	92
82) 4-Chlorotoluene	12.77	91	255904	20.490	ug/l	100
83) tert-Butylbenzene	12.99	119	313148	21.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	346454	21.612	ug/l	100
85) sec-Butylbenzene	13.17	105	394683	20.747	ug/l	100
86) p-Isopropyltoluene	13.29	119	353557	20.934	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	162384	20.150	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	152762	19.691	ug/l	99
89) n-Butylbenzene	13.61	91	257951	19.817	ug/l	100
90) Hexachloroethane	13.87	117	58030	19.954	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	166138	20.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15997	19.814	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	57087	15.907	ug/l	100
94) Hexachlorobutadiene	15.01	225	69104	23.160	ug/l	99
95) Naphthalene	15.12	128	137041	16.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	67104	17.614	ug/l	98

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

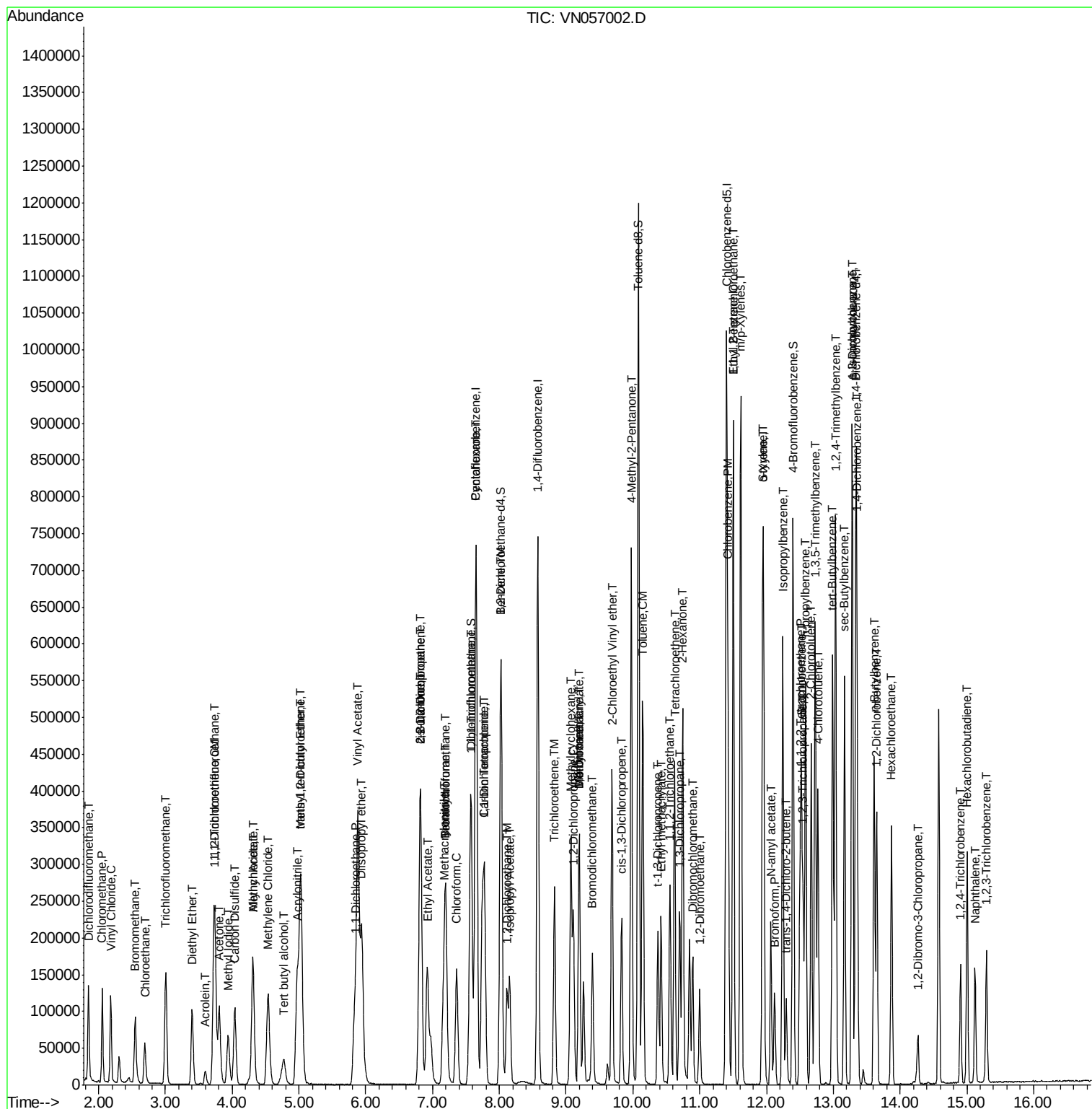
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Data File : VN057002.D
Acq On : 31 Jul 2019 10:25
Operator : JC/SP
Sample : VN0731WBS01
Misc : 5.00mL/MSVOA N/WATER
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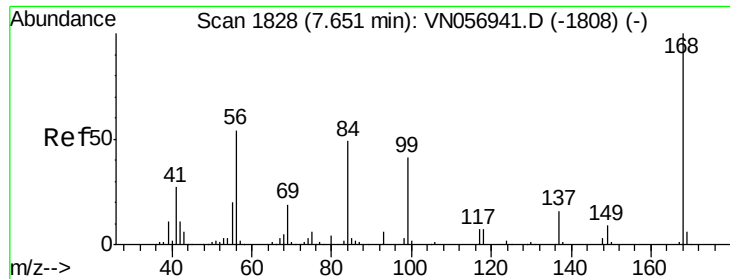
Instrument :
MSVOA_N
Client Sample ID :
VN0731WBS01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion:168 Resp: 487995

Ion Ratio Lower Upper

168 100

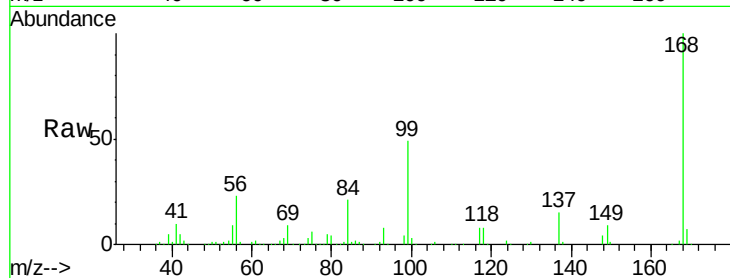
99 48.8 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

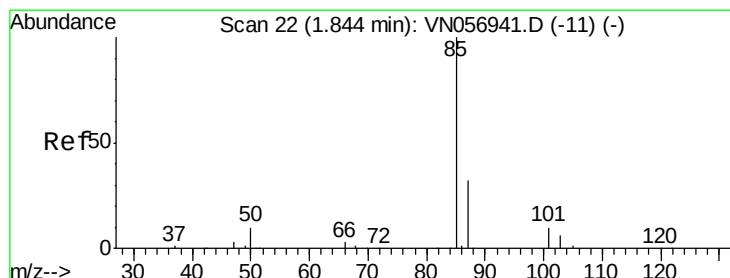
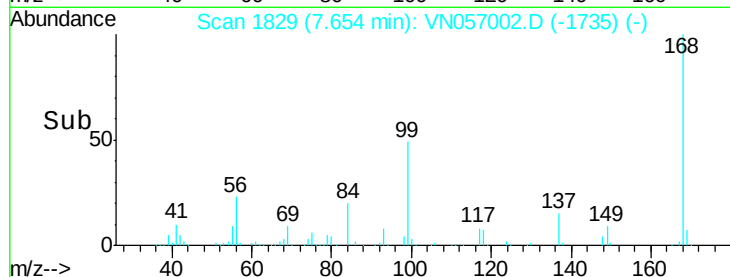
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.360 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057002.D

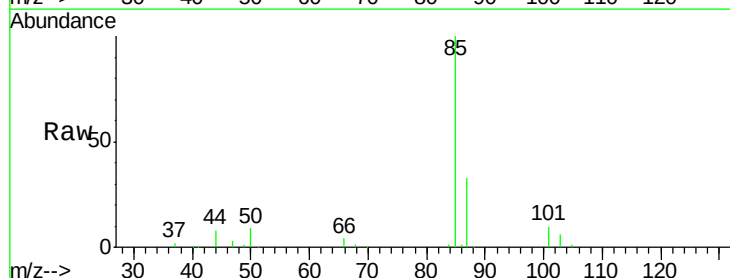
Acq: 31 Jul 2019 10:25

Tgt Ion: 85 Resp: 105378

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

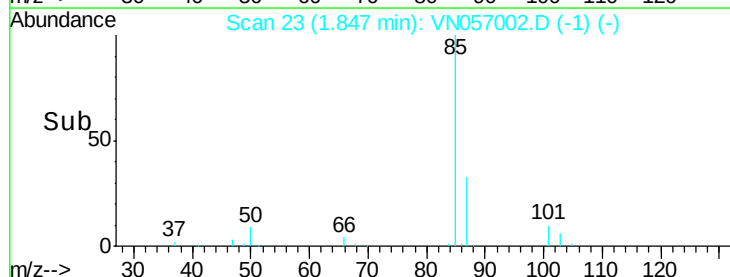
40000

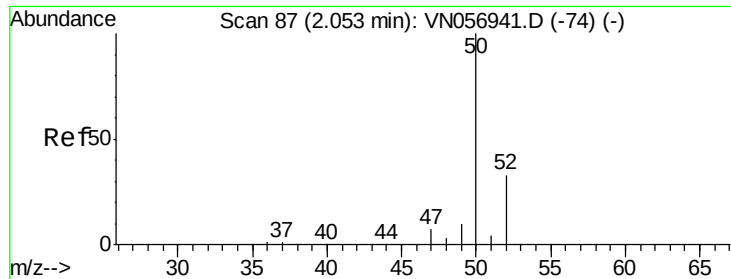
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.112 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 50 Resp: 112906

Ion Ratio Lower Upper

50 100

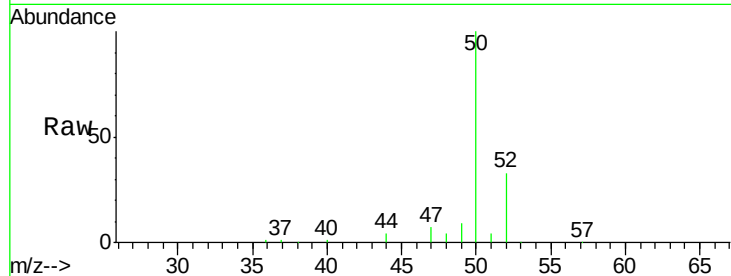
52 32.8 26.2 39.2

Manual Integrations

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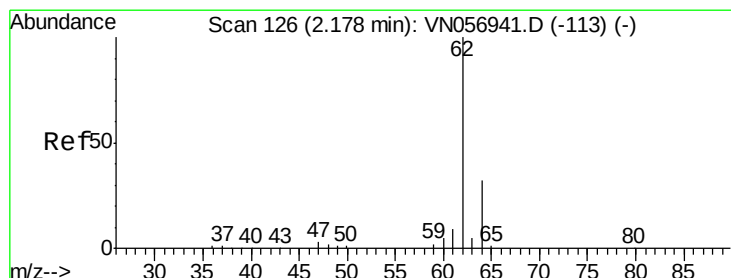
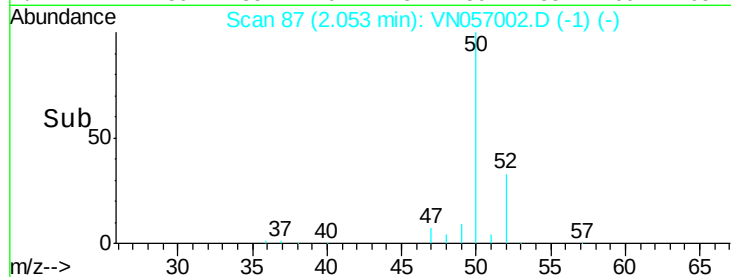
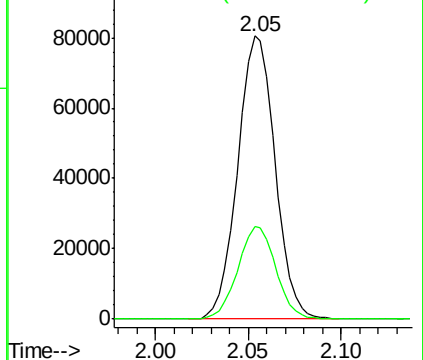
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.441 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057002.D

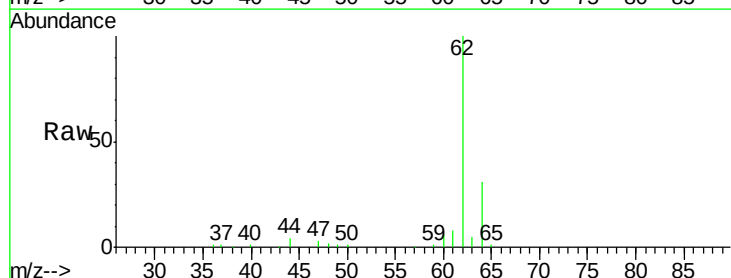
Acq: 31 Jul 2019 10:25

Tgt Ion: 62 Resp: 107689

Ion Ratio Lower Upper

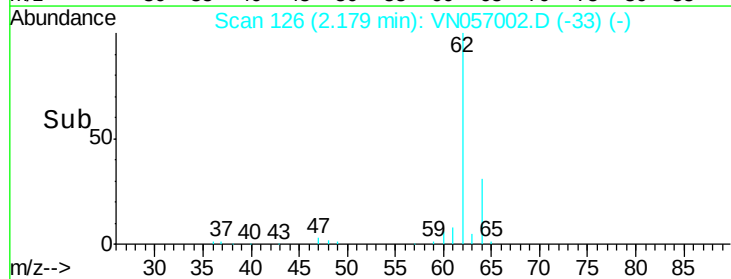
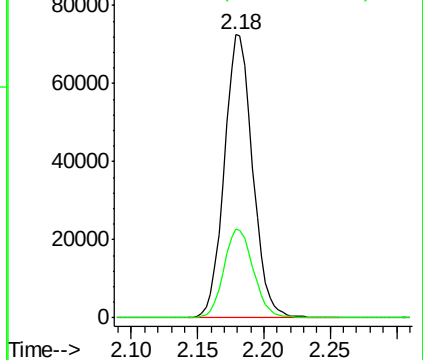
62 100

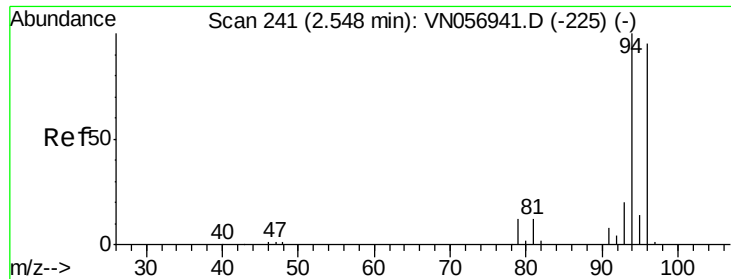
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.617 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 94 Resp: 67552

Ion Ratio Lower Upper

94 100

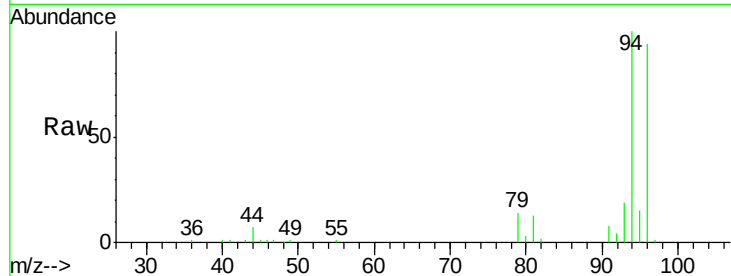
96 94.2 76.2 114.2

Manual Integrations

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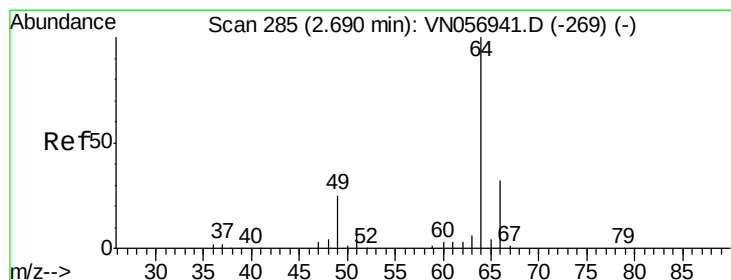
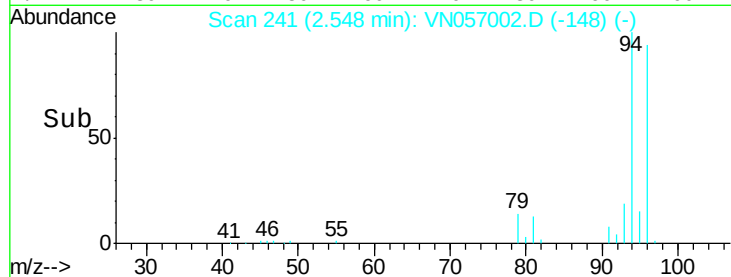
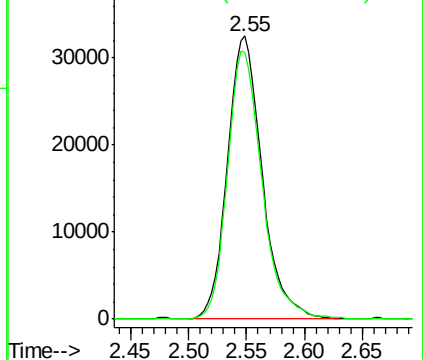
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.075 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN057002.D

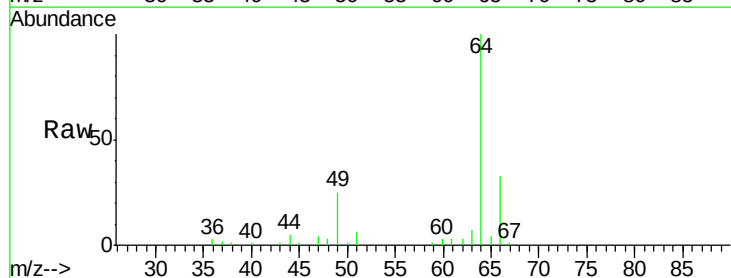
Acq: 31 Jul 2019 10:25

Tgt Ion: 64 Resp: 58247

Ion Ratio Lower Upper

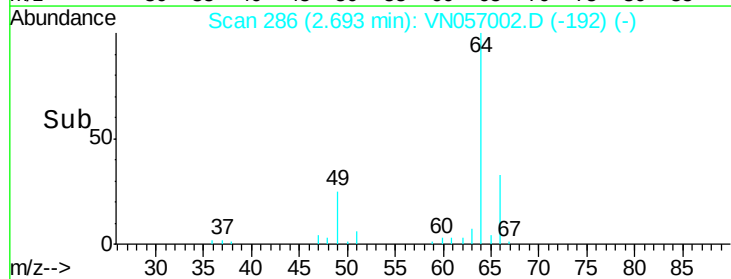
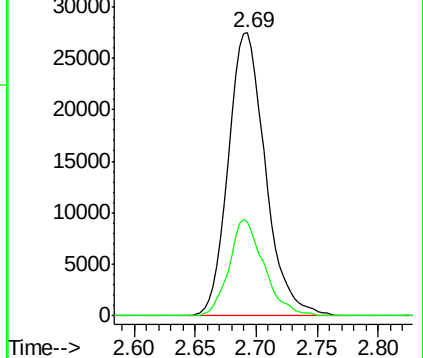
64 100

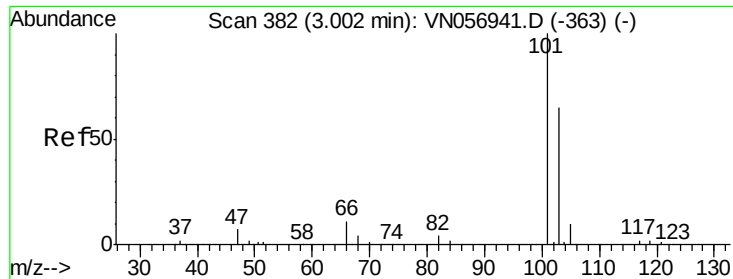
66 33.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

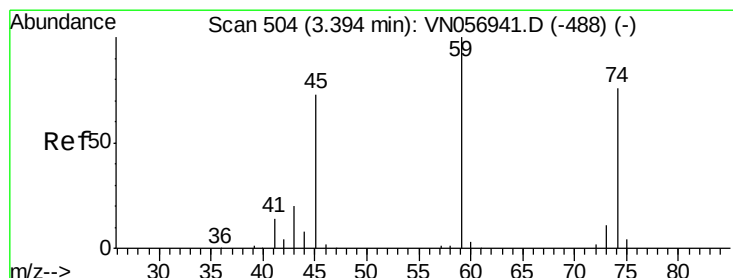
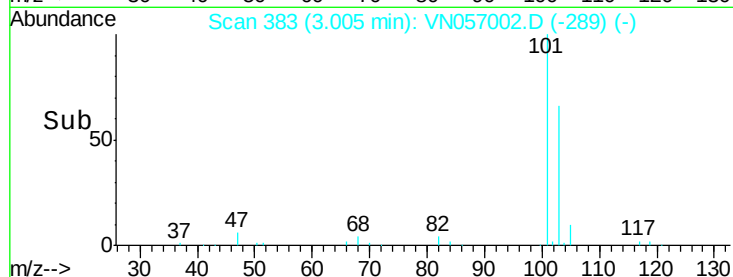
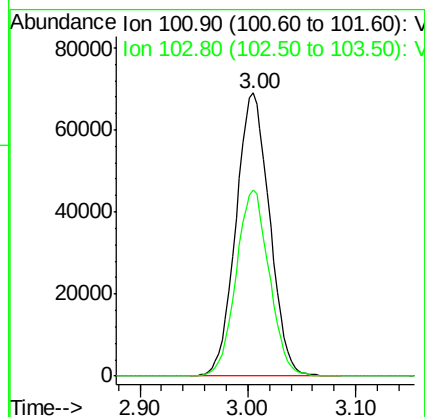
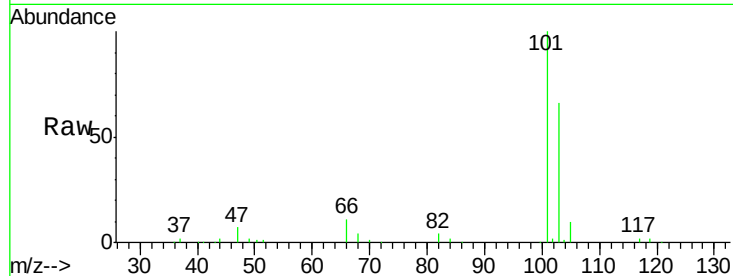
Trichlorofluoromethane
Concen: 20.690 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion:101 Resp: 150022
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1

Manual Integrations
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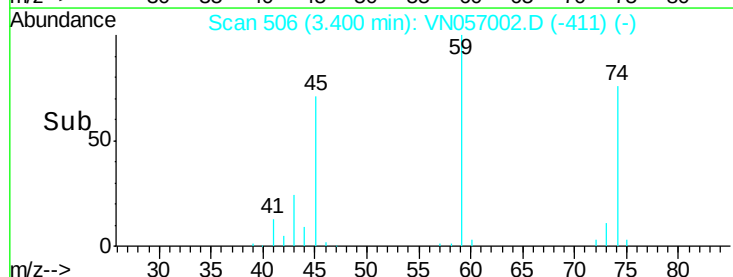
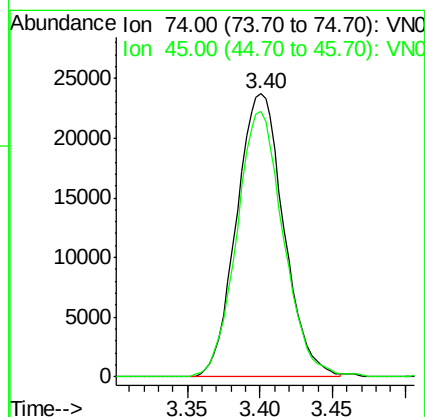
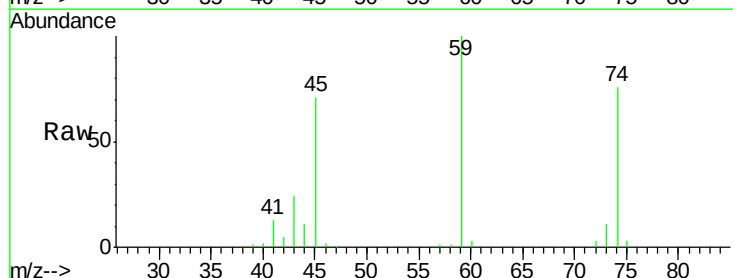
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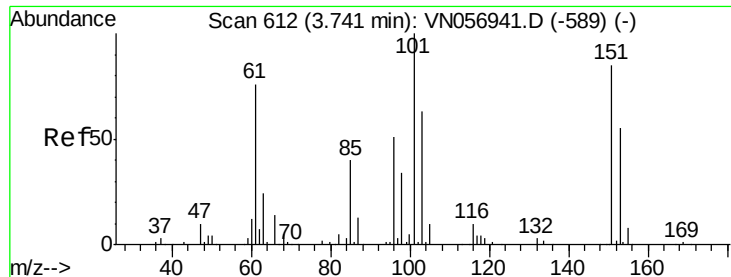


#8

Diethyl Ether
Concen: 19.795 ug/l
RT: 3.40 min Scan# 506
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 74 Resp: 53718
Ion Ratio Lower Upper
74 100
45 92.9 48.1 144.3





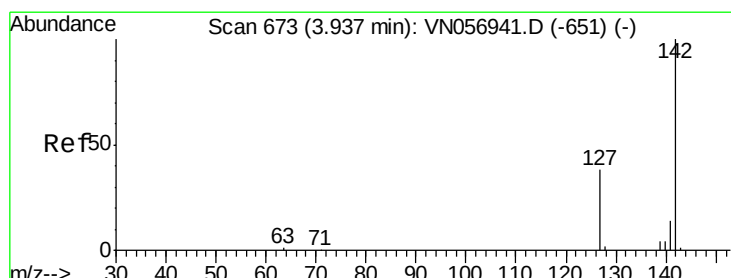
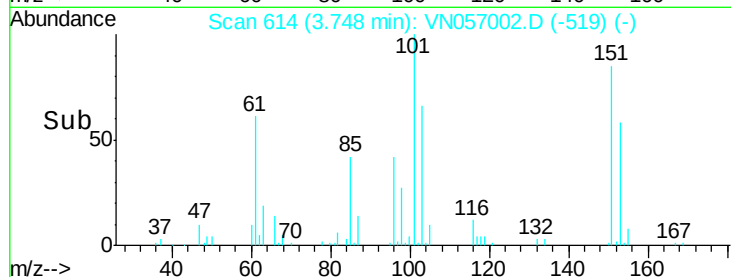
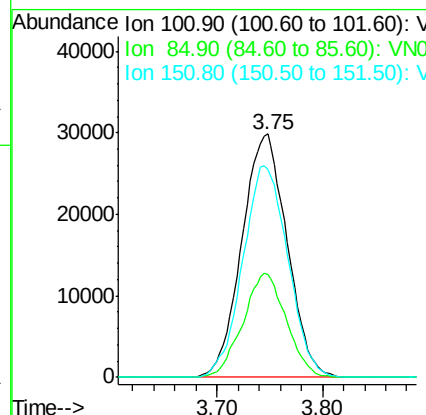
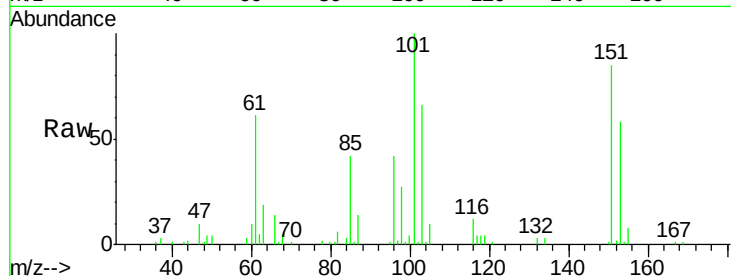
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.728 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.1	32.3	48.5
151	87.0	68.0	102.0

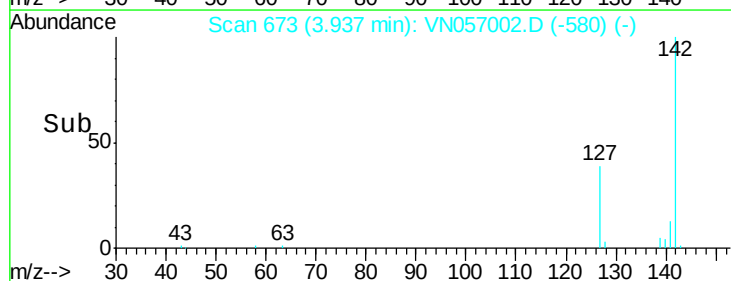
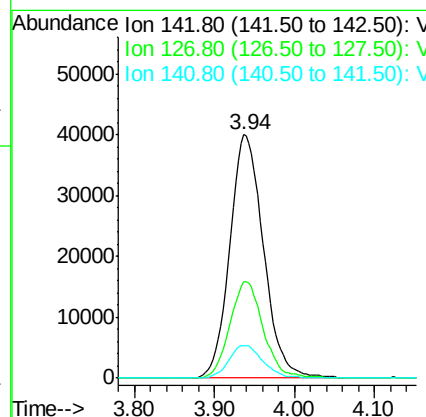
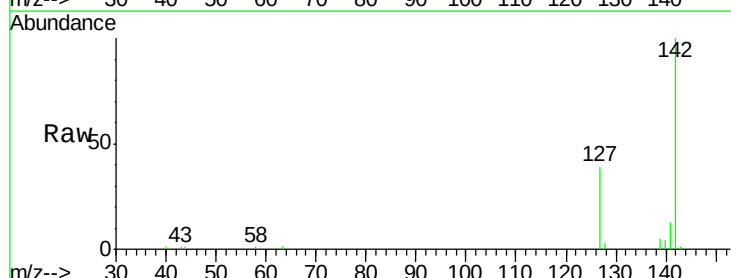
Manual Integrations
 APPROVED

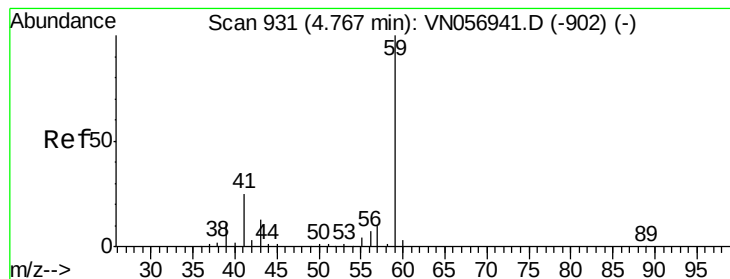
MMdadoda
 8/2/2019 10:54:21 PM



#10
 Methyl Iodide
 Concen: 19.080 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.2	30.4	45.6
141	13.5	11.1	16.7





#11

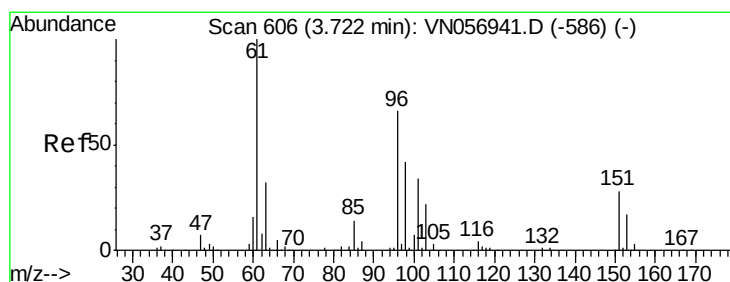
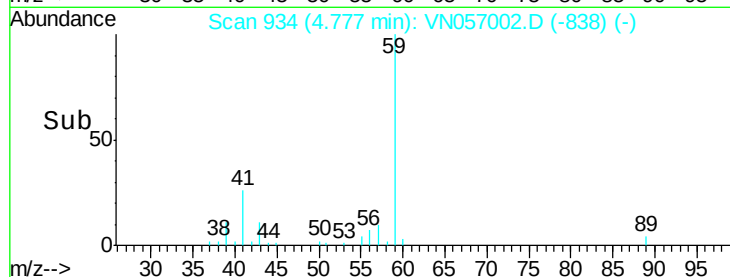
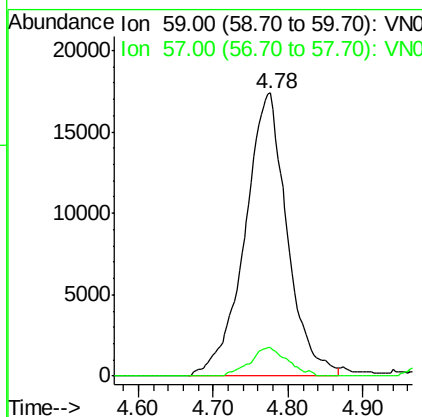
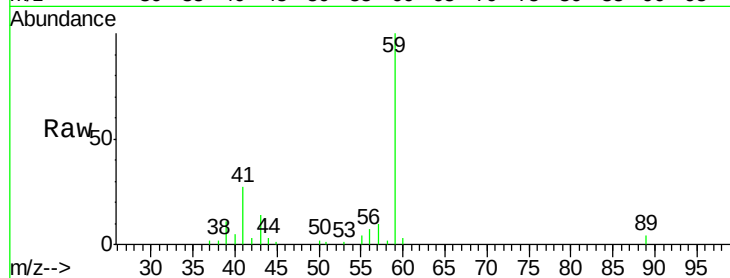
Tert butyl alcohol
Concen: 101.421 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	7.5	11.3

Manual Integrations
APPROVED

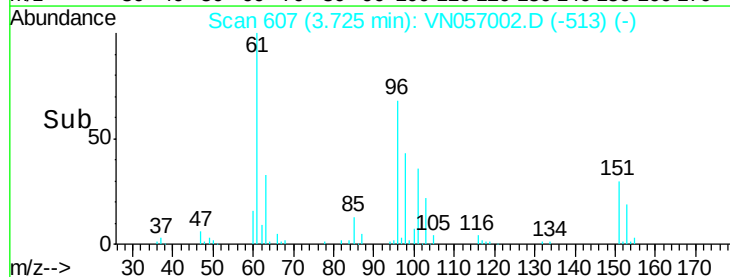
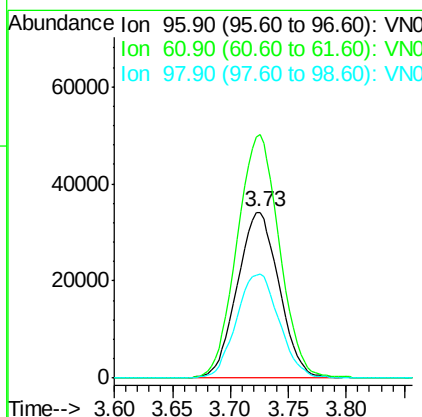
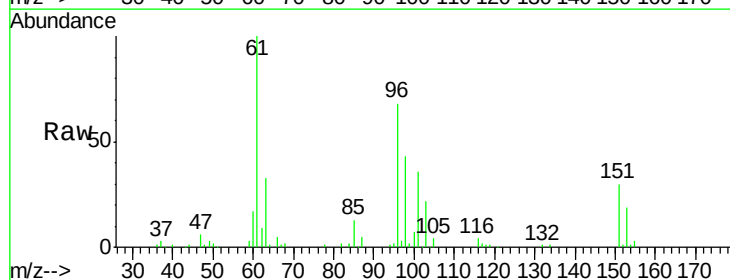
MMdadoda
8/2/2019 10:54:21 PM

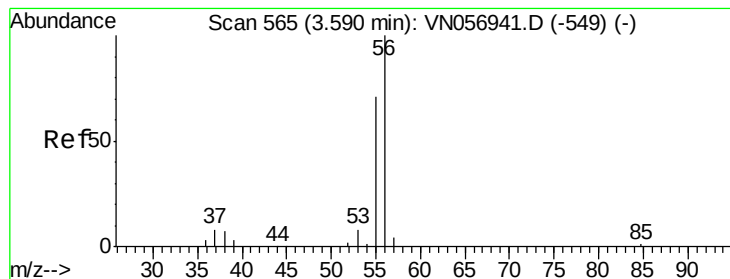


#12

1,1-Dichloroethene
Concen: 19.994 ug/l
RT: 3.73 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	121.8	182.8
98	62.5	51.7	77.5





#13

Acrolein

Concen: 57.036 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 56 Resp: 20426

Ion Ratio Lower Upper

56 100

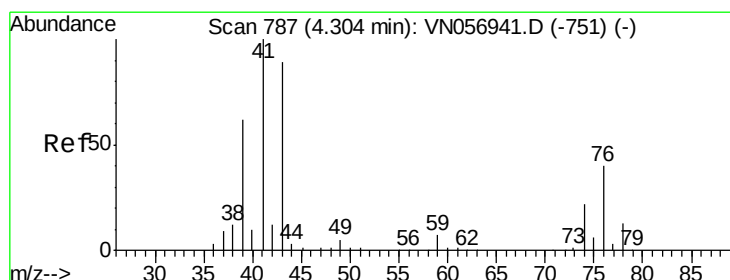
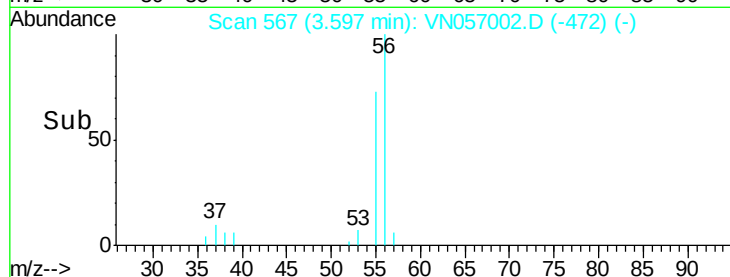
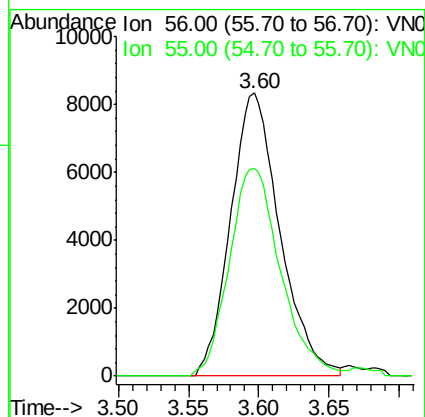
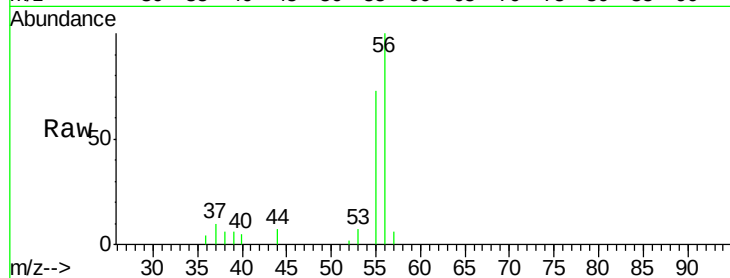
55 76.1 55.8 83.6

Manual Integrations

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MMdadoda

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#14

Allyl chloride

Concen: 19.061 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

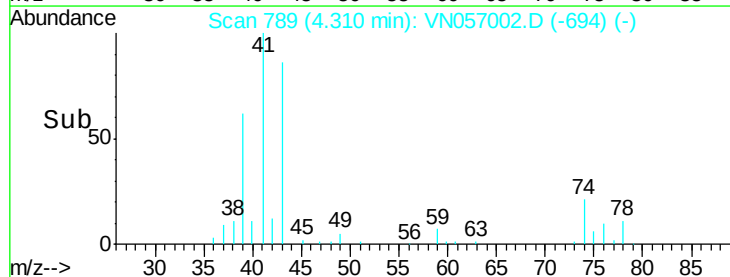
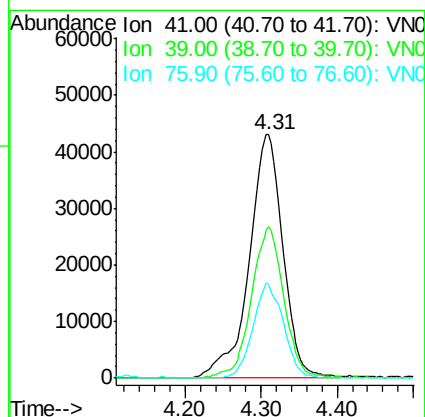
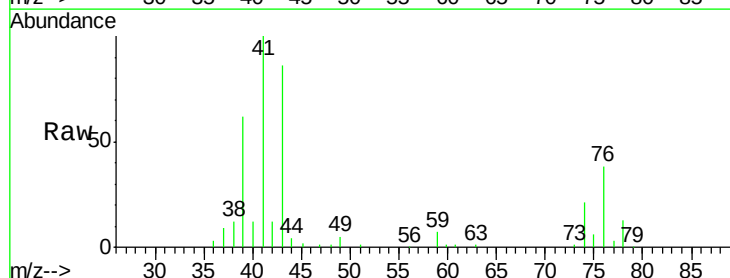
Tgt Ion: 41 Resp: 132995

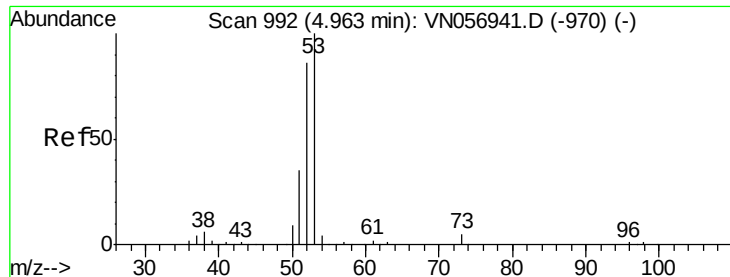
Ion Ratio Lower Upper

41 100

39 59.4 46.4 69.6

76 35.0 28.4 42.6





#15

Acrylonitrile

Concen: 100.688 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

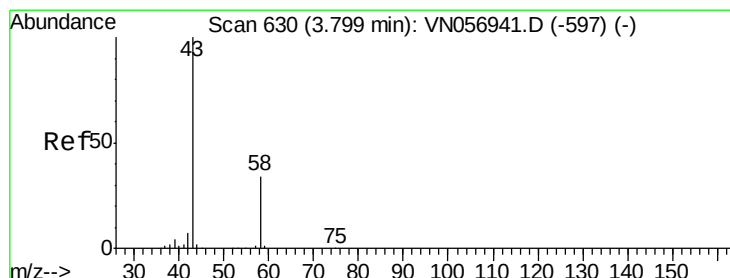
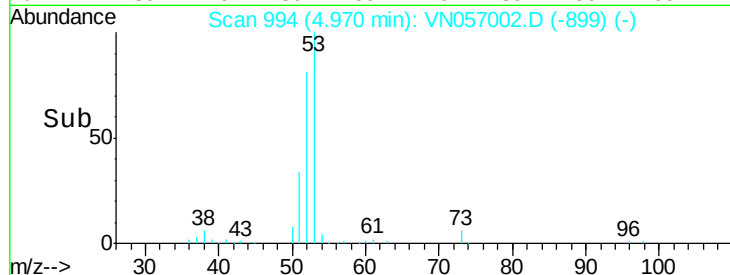
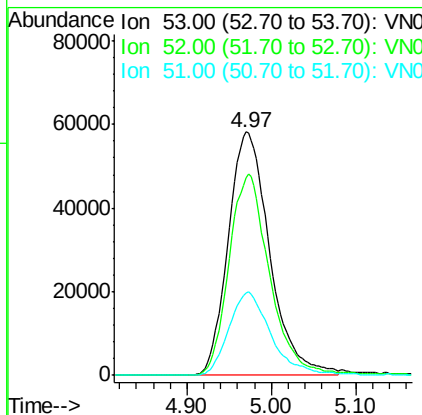
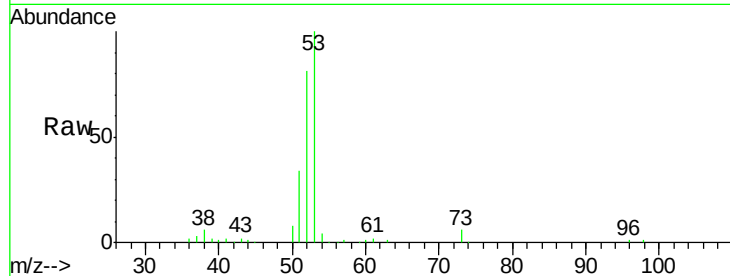
ClientSampled :

VN0731WBS01

Tot Ion:	53	Resp:	199371
Ion Ratio		Lower	Upper
53	100		
52	81.1	66.5	99.7
51	34.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 95.615 ug/l

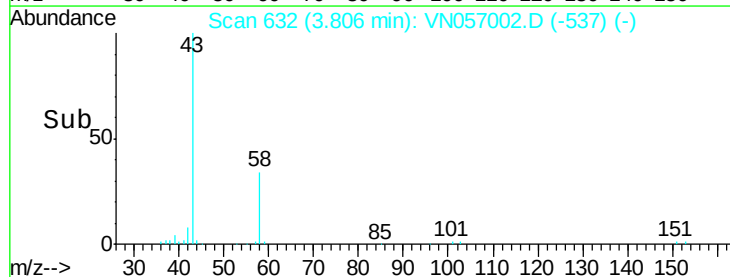
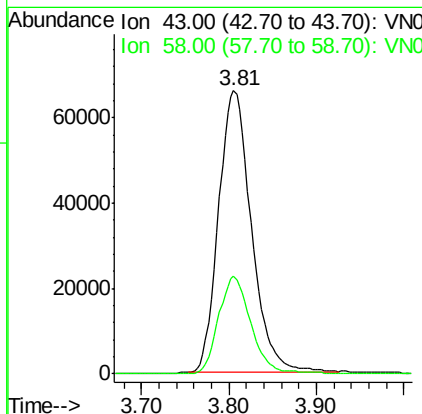
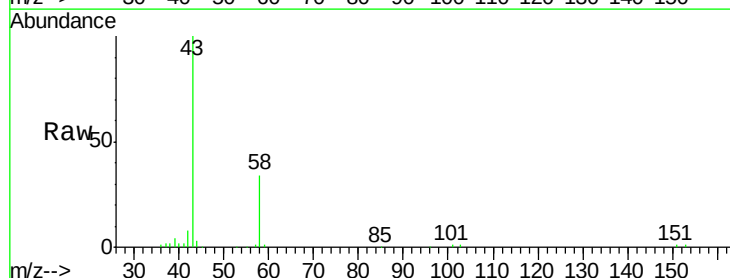
RT: 3.81 min Scan# 632

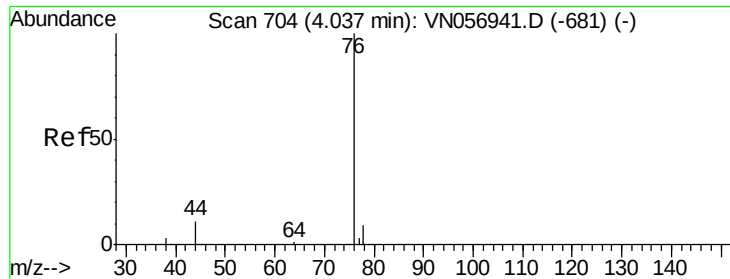
Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	43	Resp:	173034
Ion Ratio		Lower	Upper
43	100		
58	34.6	27.2	40.8





#17

Carbon Disulfide

Concen: 18.218 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tot Ion: 76 Resp: 207655

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

Instrument :

MSVOA_N

ClientSampled :

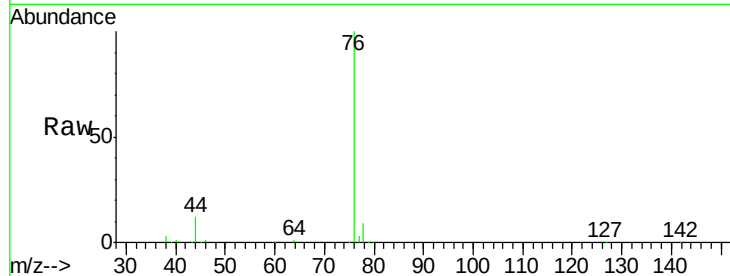
VN0731WBS01

Manual Integrations

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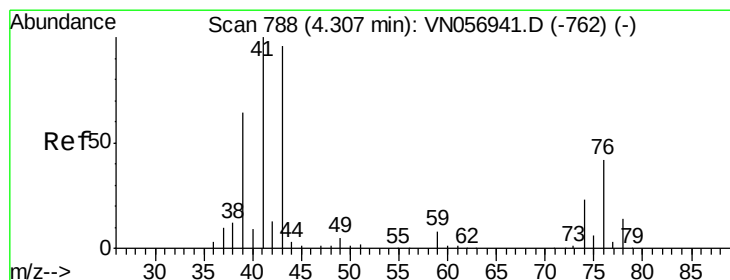
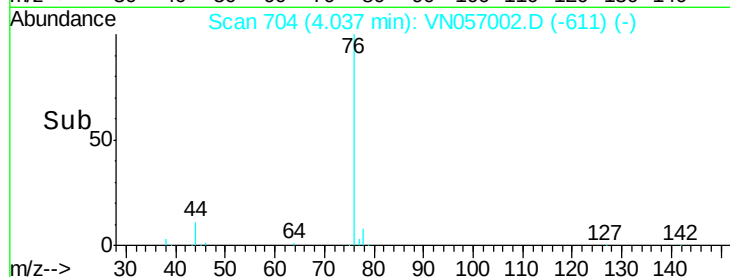
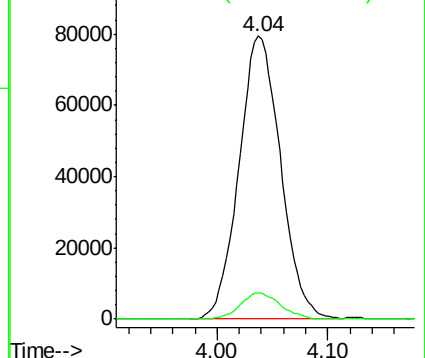
MMdadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.472 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057002.D

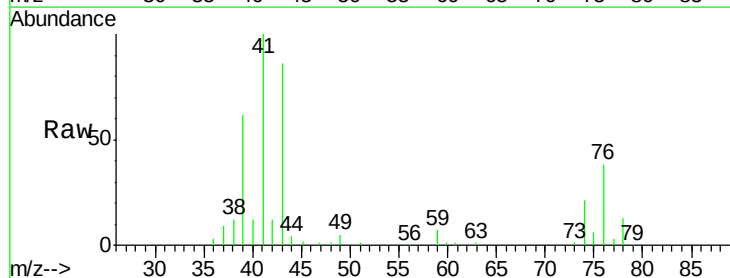
Acq: 31 Jul 2019 10:25

Tgt Ion: 43 Resp: 106643

Ion Ratio Lower Upper

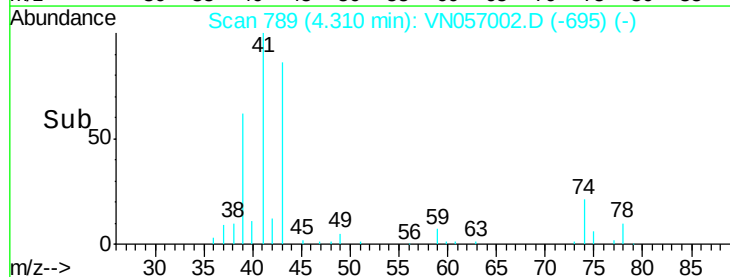
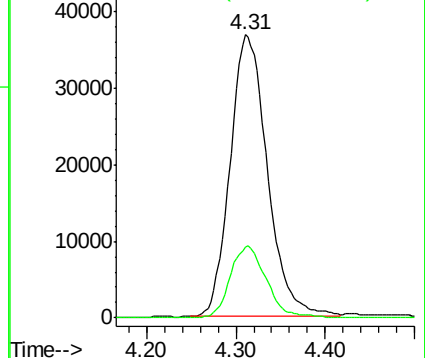
43 100

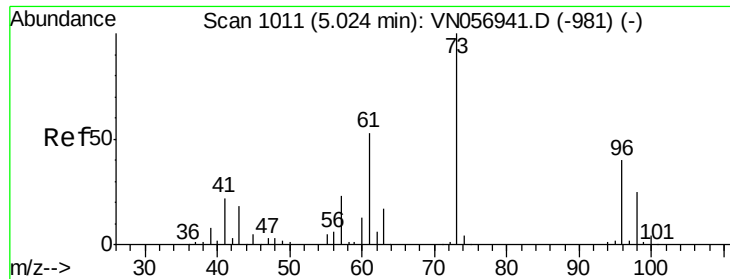
74 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





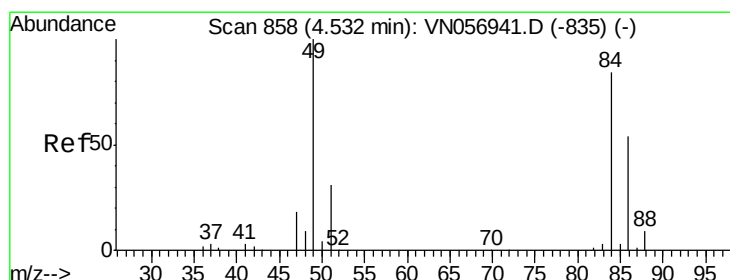
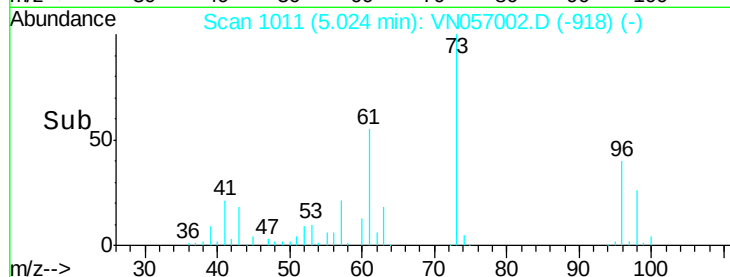
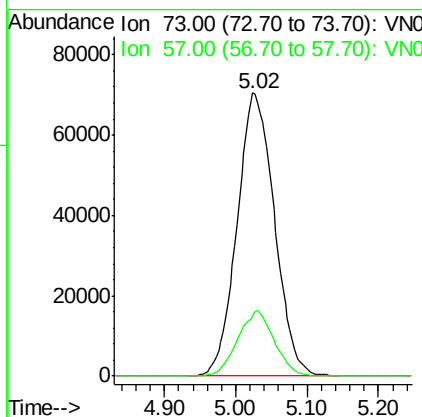
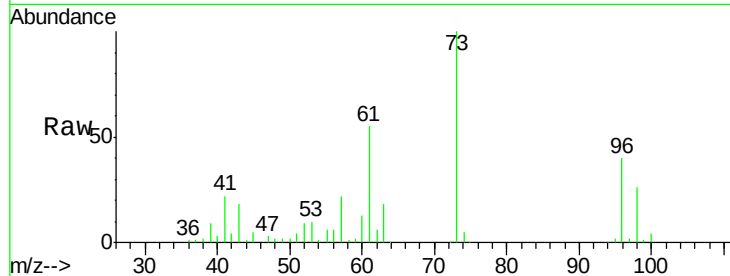
#19
Methvl tert-butyl Ether
Concen: 20.061 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.3	27.5

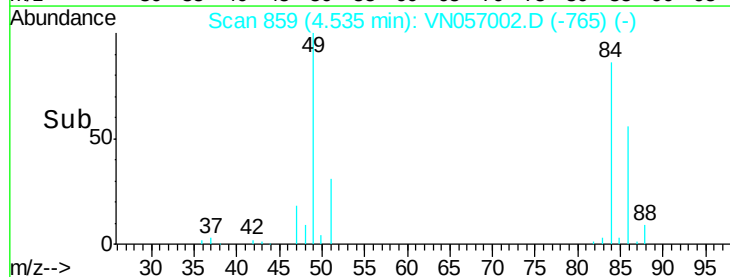
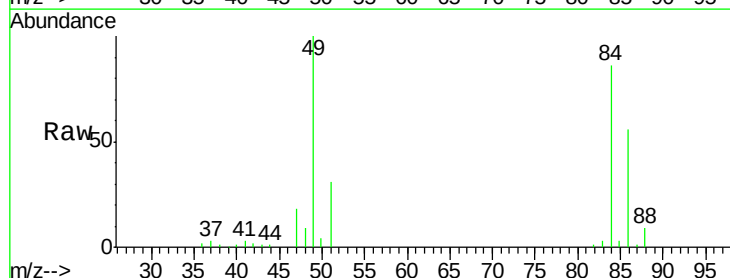
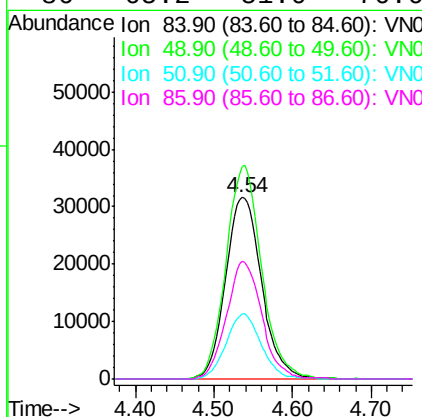
Manual Integrations
APPROVED

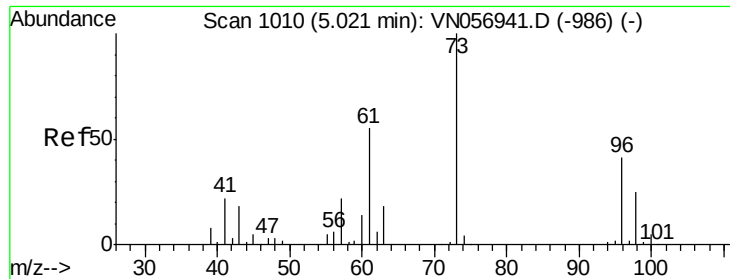
MMdadoda
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#20
Methylene Chloride
Concen: 19.367 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.2	142.8
51	36.1	29.7	44.5
86	65.2	51.0	76.6





#21

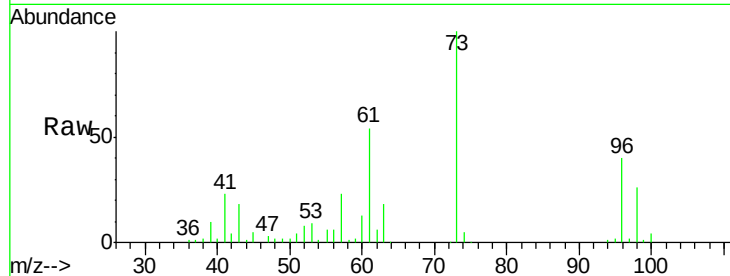
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.5	161.3
98	64.4	49.9	74.9

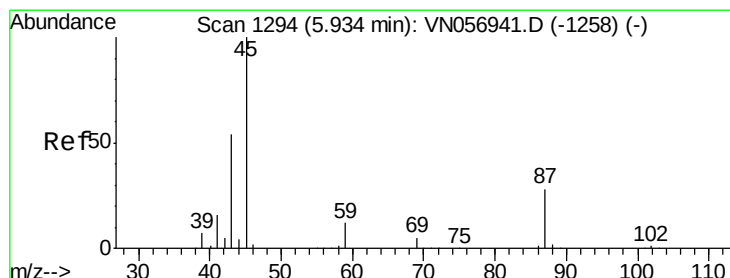
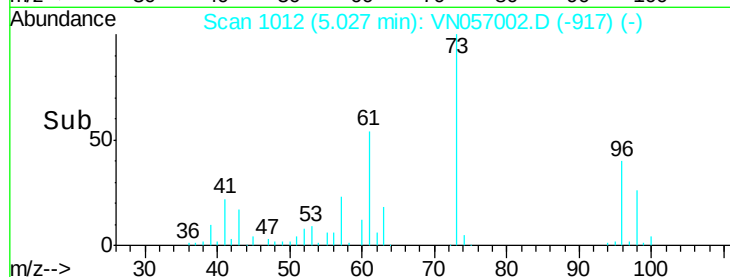
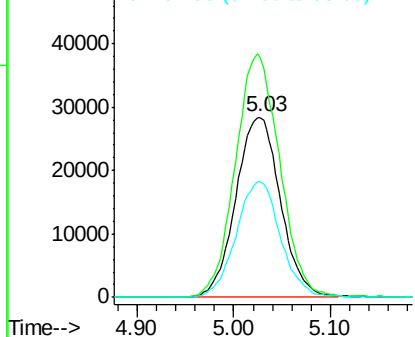
Manual Integrations
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Abundance

Ion 95.90 (95.60 to 96.60): VN056941.D (-986) (-)



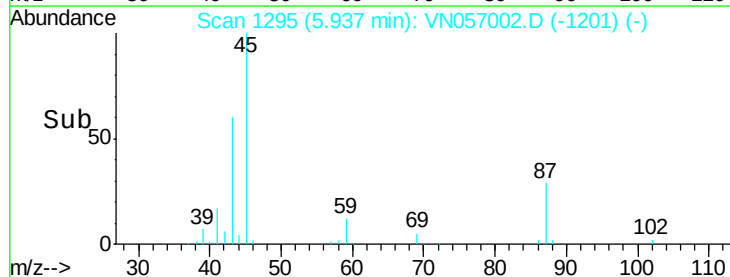
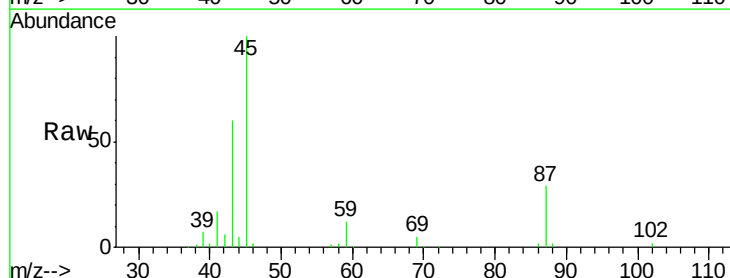
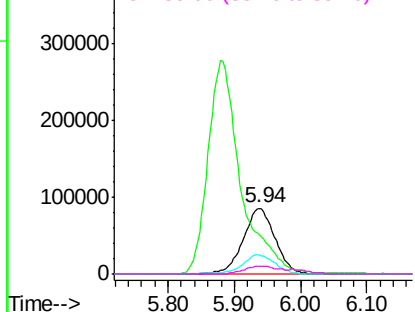
#22

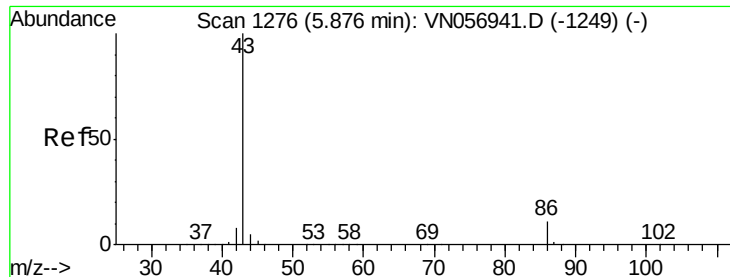
Diisopropyl ether
Concen: 19.886 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.4	44.7	67.1
87	28.9	23.0	34.6
59	11.5	9.8	14.8

Abundance

Ion 45.00 (44.70 to 45.70): VN056941.D (-1258) (-)





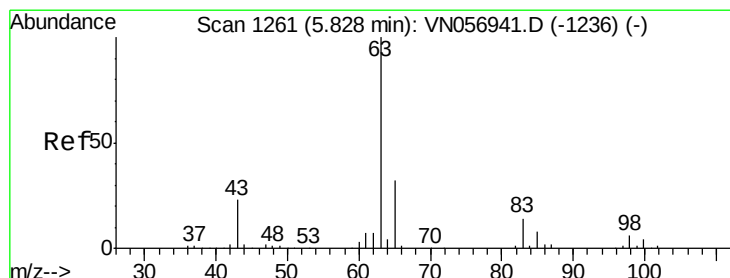
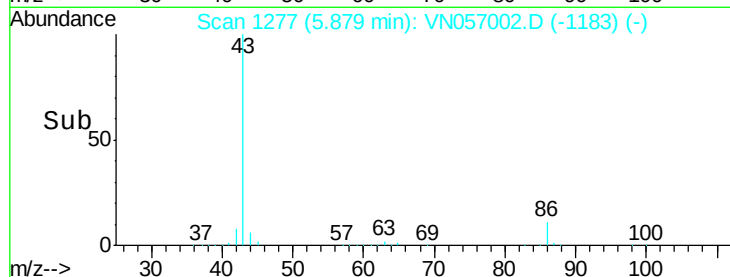
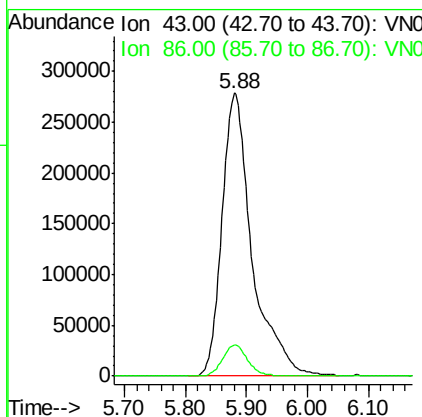
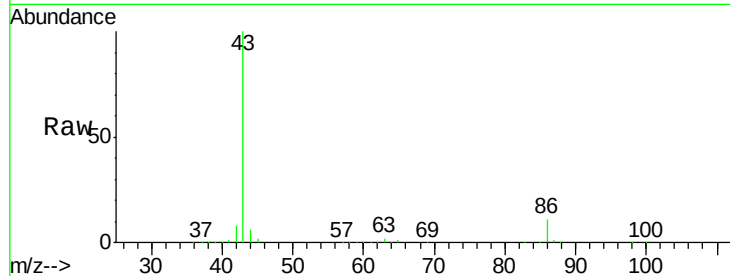
#23
 Vinyl Acetate
 Concen: 95.900 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.5	12.7

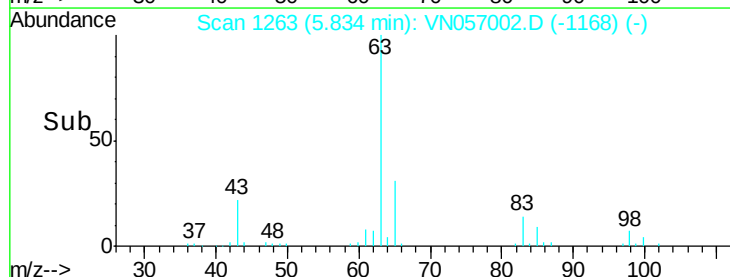
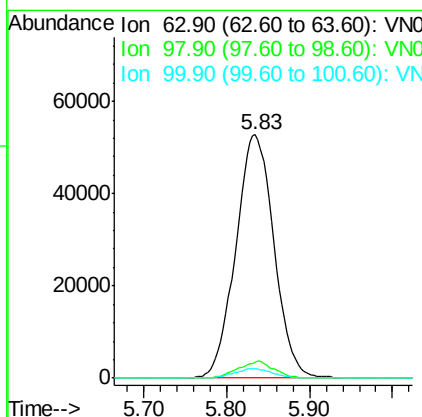
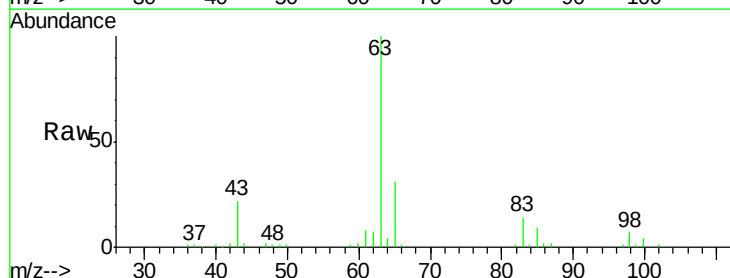
Manual Integrations
 APPROVED

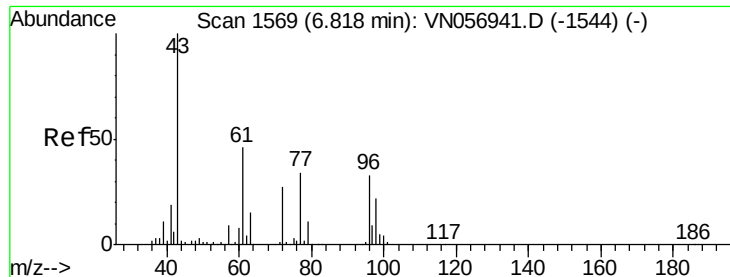
MMdadoda
 8/2/2019 10:54:21 PM



#24
 1,1-Dichloroethane
 Concen: 19.911 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.2	9.6
100	3.9	2.1	6.3





#25

2-Butanone

Concen: 96.163 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 43 Resp: 246769

Ion Ratio Lower Upper

43 100

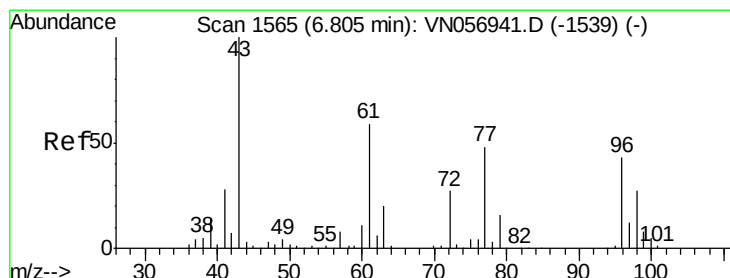
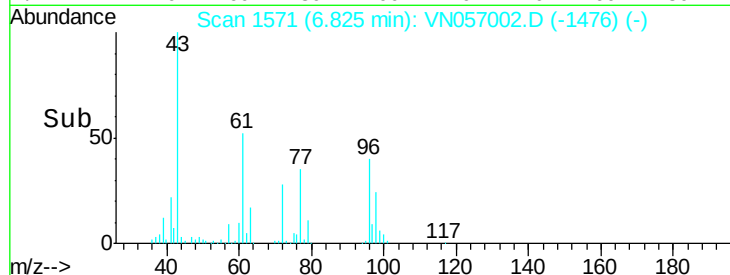
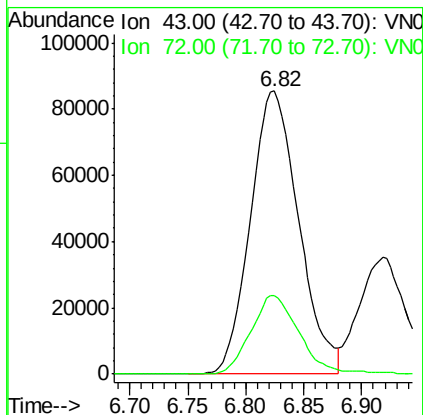
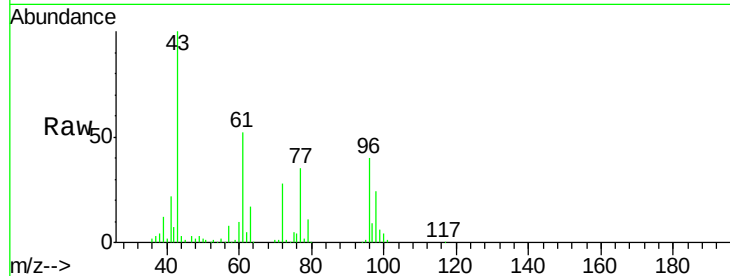
72 27.8 21.5 32.3

Manual Integrations

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MMdadoda

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#26

2,2-Dichloropropane

Concen: 19.006 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN057002.D

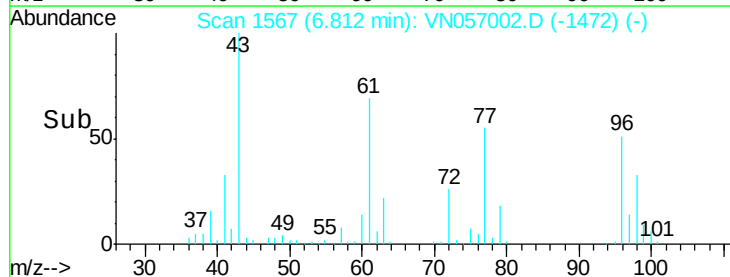
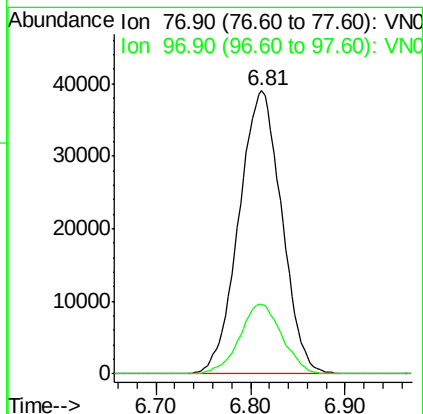
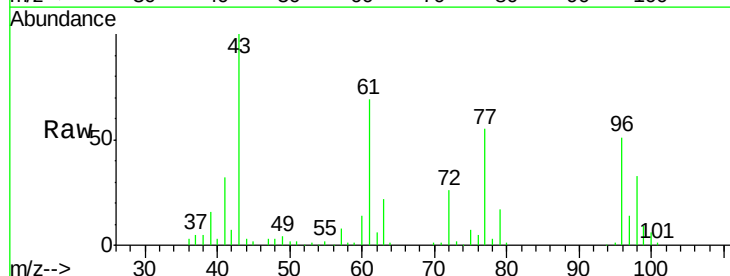
Acq: 31 Jul 2019 10:25

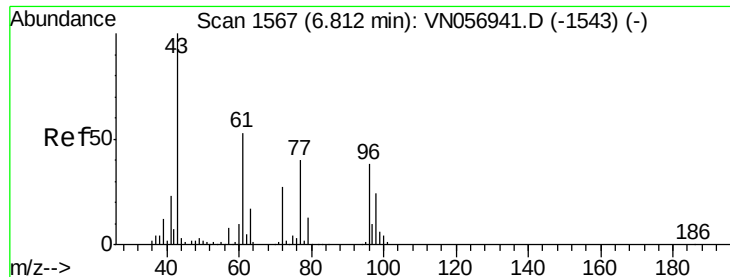
Tgt Ion: 77 Resp: 122580

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.860 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

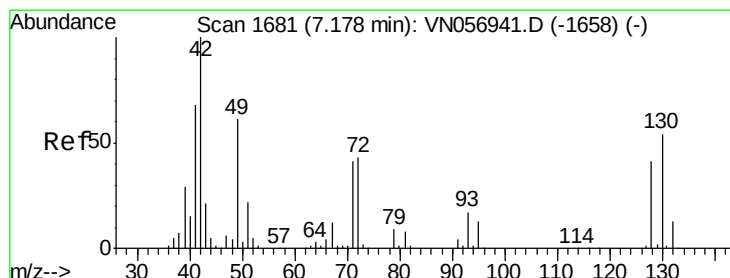
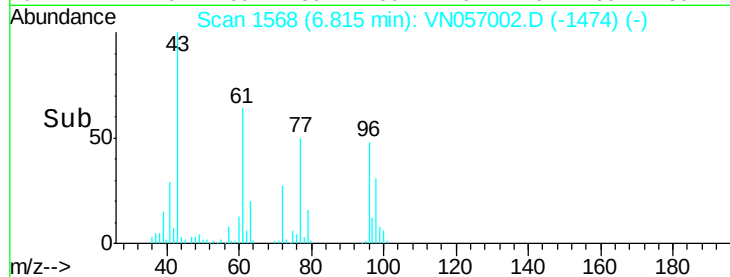
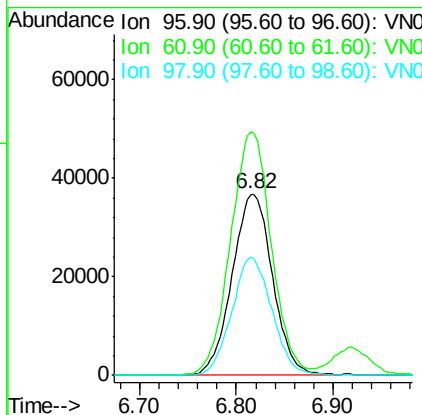
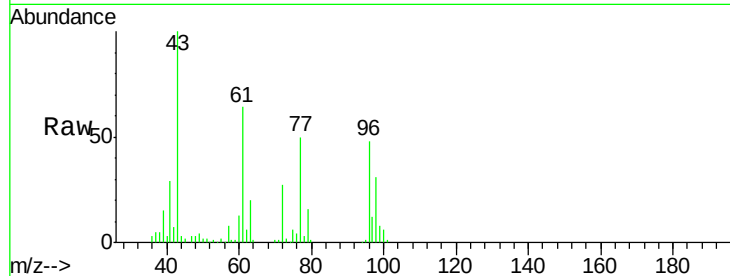
ClientSampled :

VN0731WBS01

Tot Ion:	96	Resp:	107009
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	277.2
98	64.6	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 17.144 ug/l

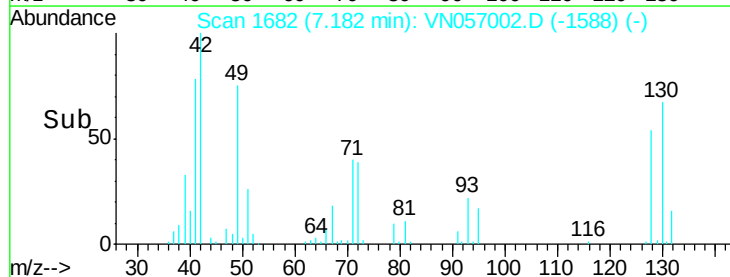
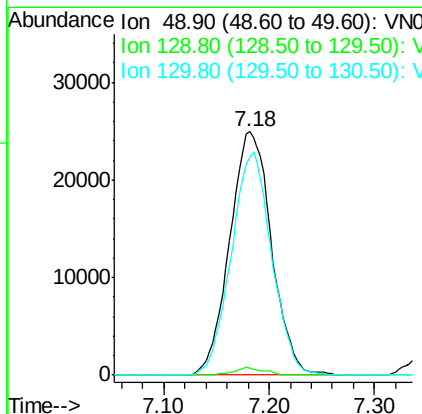
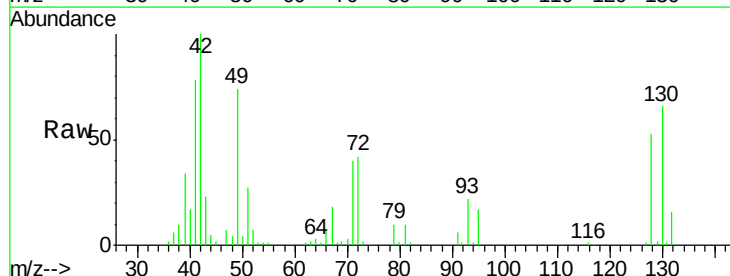
RT: 7.18 min Scan# 1682

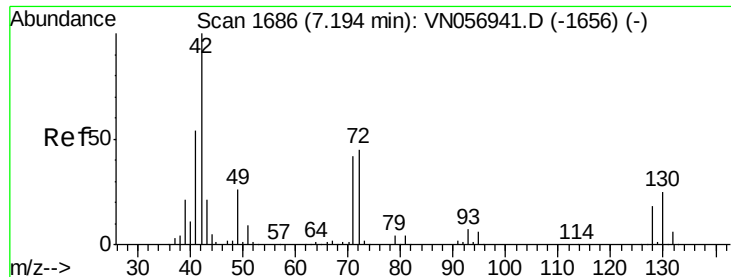
Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	49	Resp:	68351
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	88.9	69.0	103.4





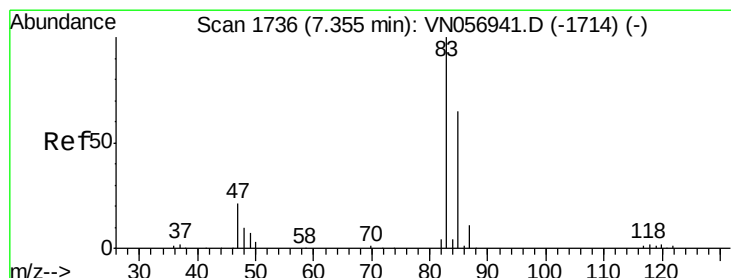
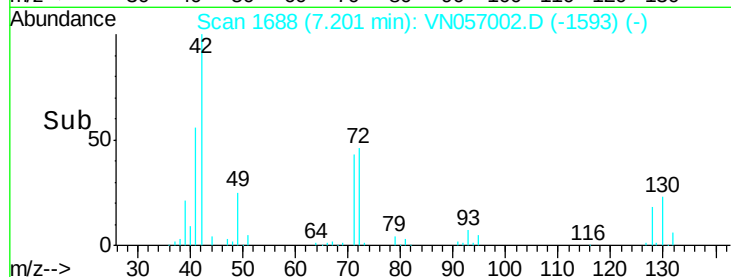
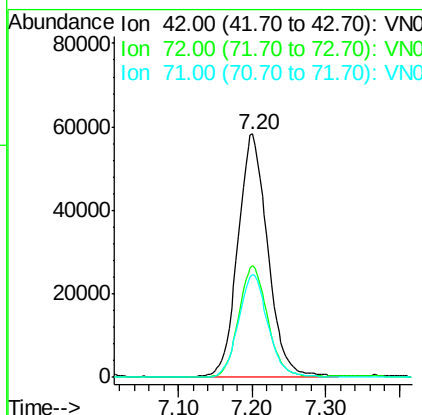
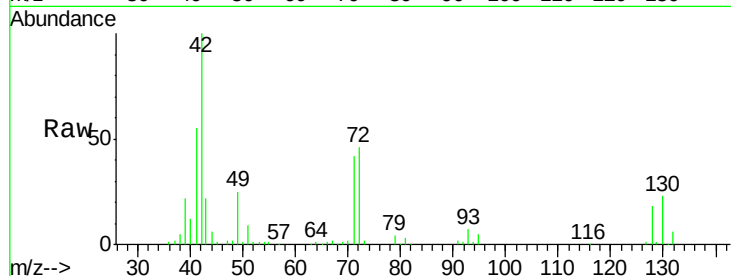
#29
Tetrahydrofuran
Concen: 99.042 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.6	53.4
71	41.3	33.5	50.3

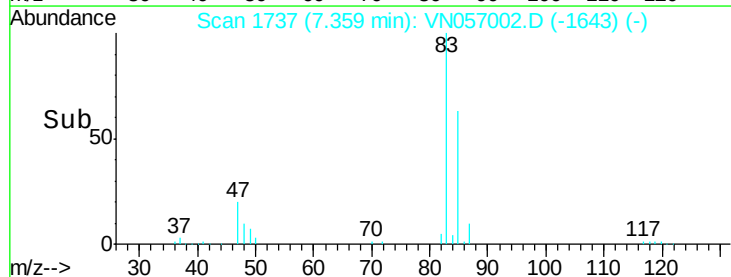
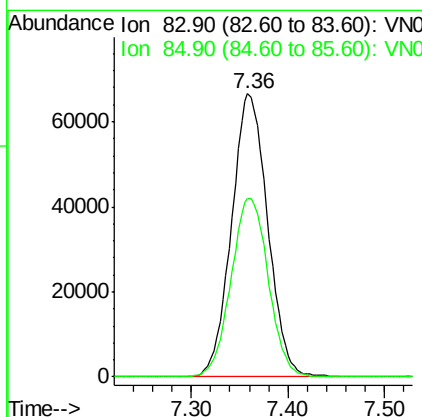
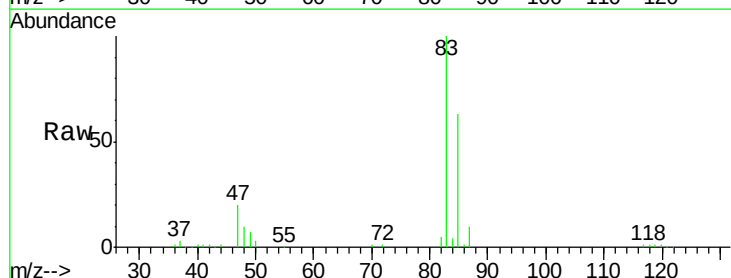
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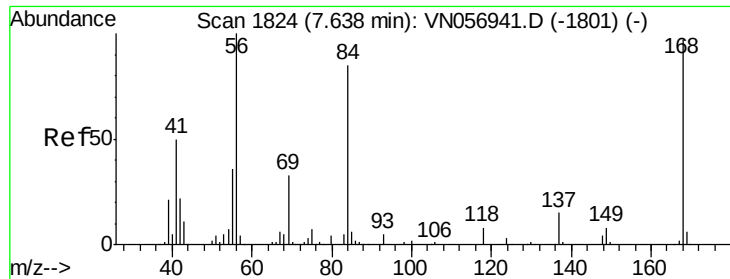
MMdadoda
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#30
Chloroform
Concen: 19.904 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.2





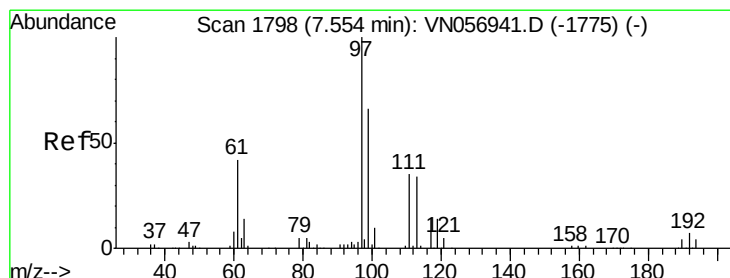
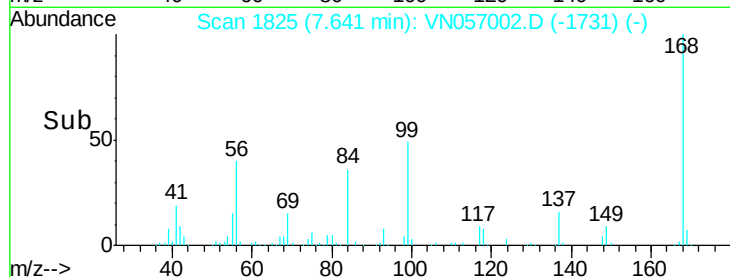
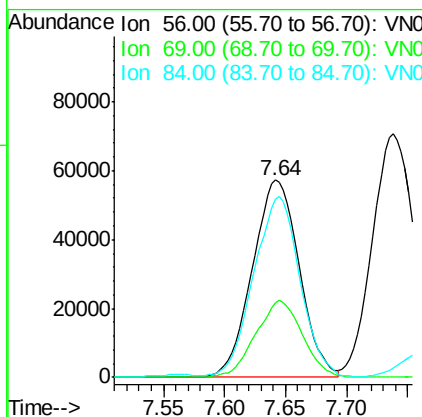
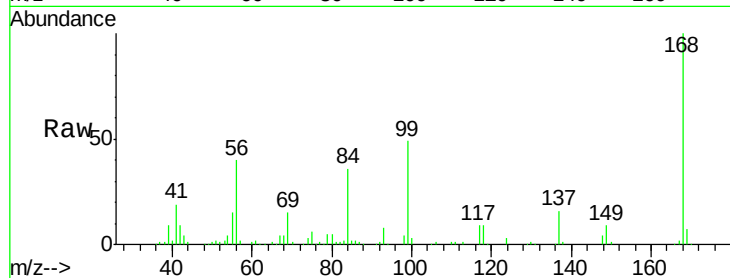
#31
Cyclohexane
Concen: 18.632 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	26.2	39.2
84	89.5	68.2	102.2

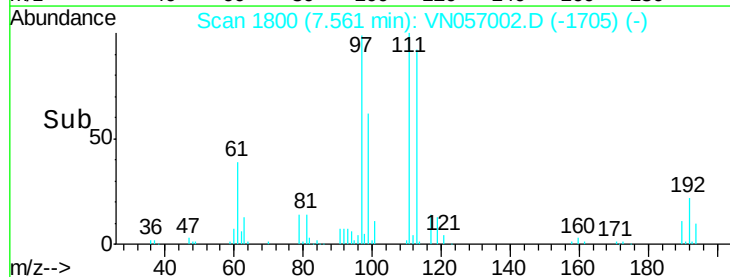
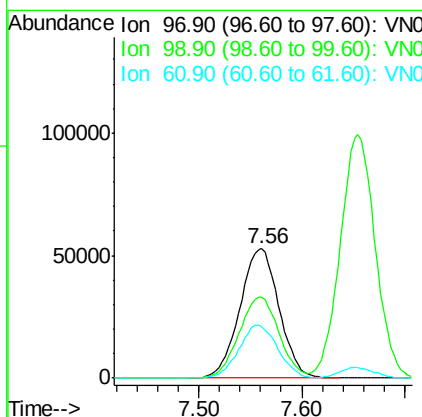
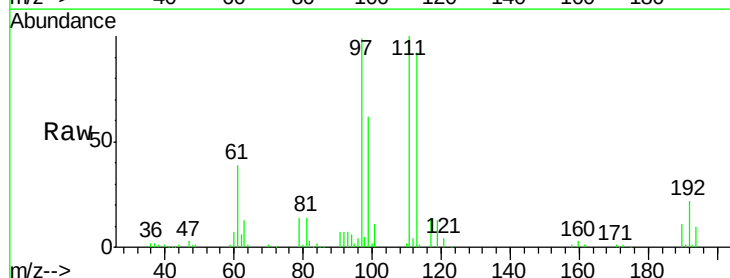
Manual Integrations
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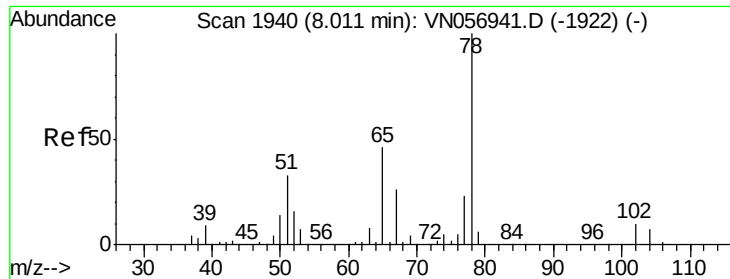
MMdadoda
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#32
1,1,1-Trichloroethane
Concen: 20.070 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.3	78.5
61	41.1	33.9	50.9





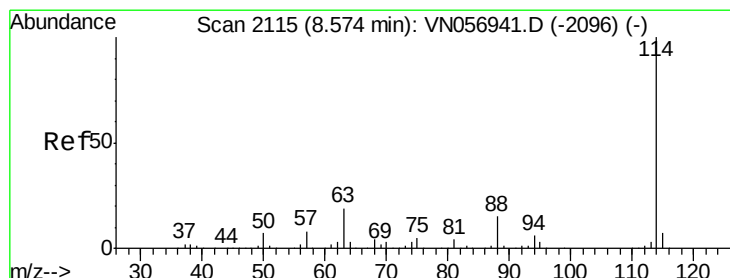
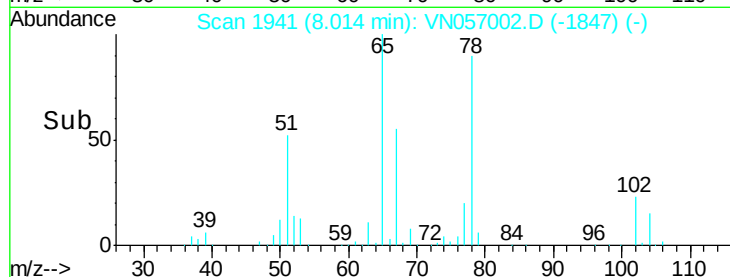
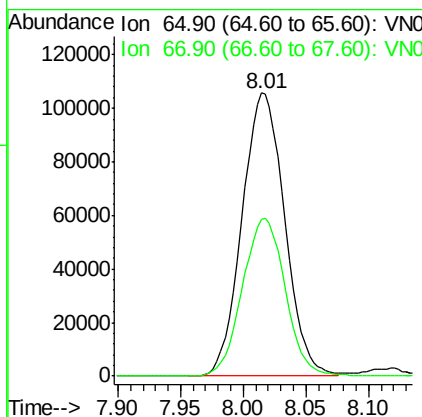
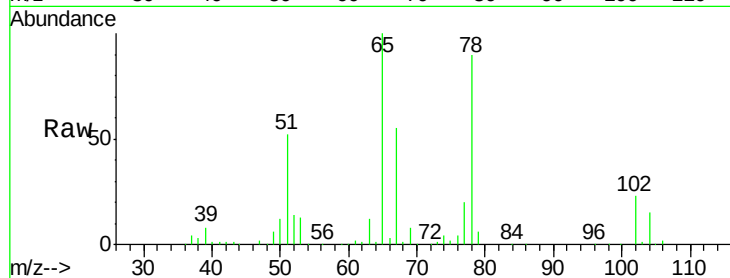
#33
 1,2-Dichloroethane-d4
 Concen: 50.122 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion: 65 Resp: 250374
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.0

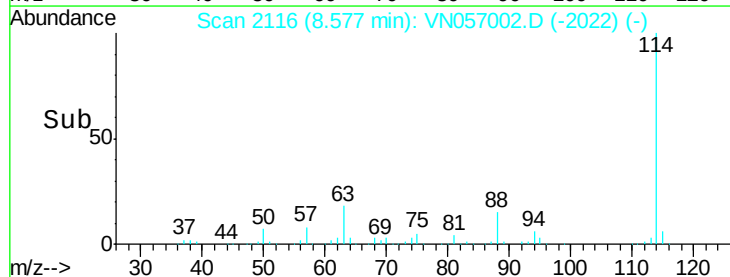
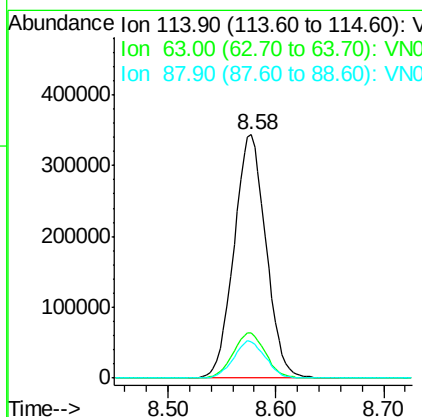
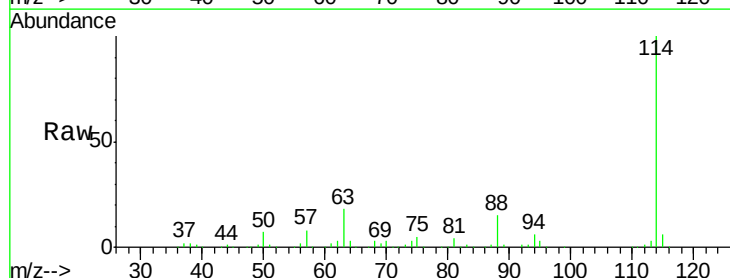
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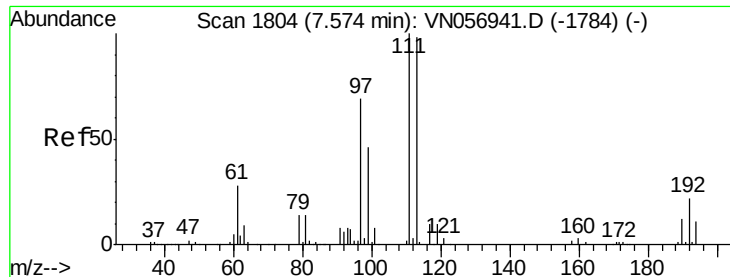
MMdadoda
 8/2/2019 10:54:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 114 Resp: 708617
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.0
 88 14.9 0.0 30.0





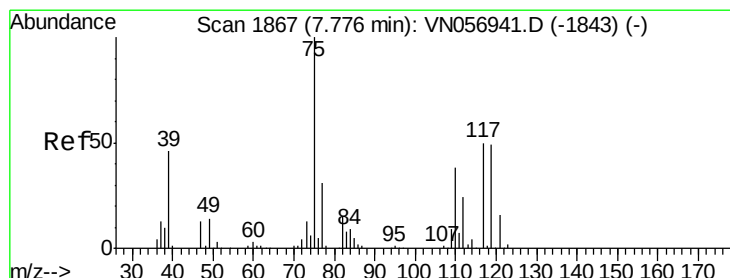
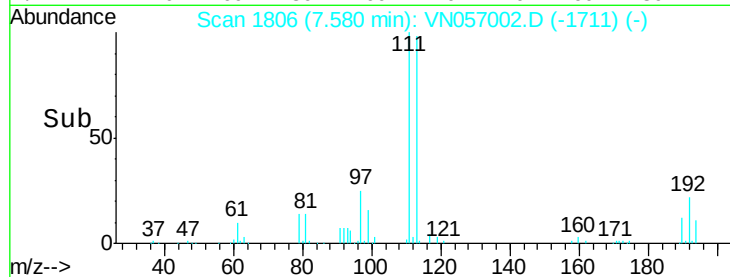
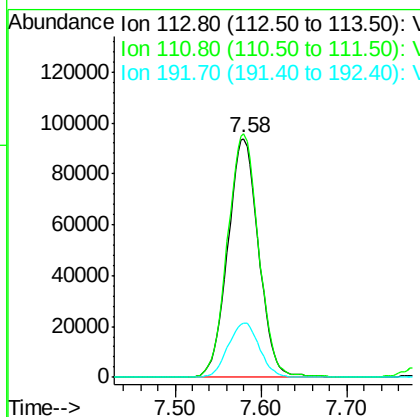
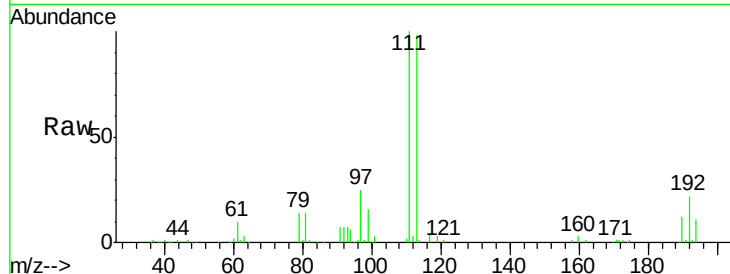
#35
 Dibromofluoromethane
 Concen: 51.461 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.0	123.0	
192	23.1	18.4	27.6	

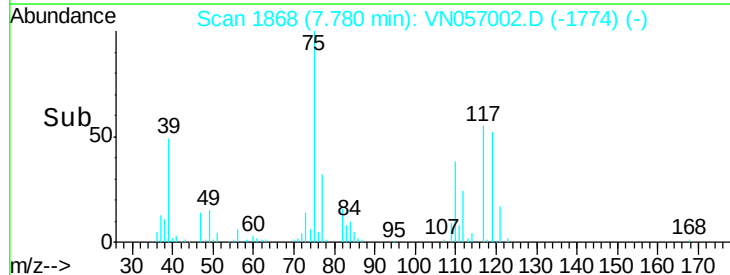
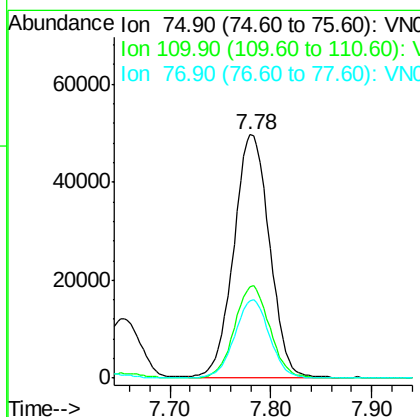
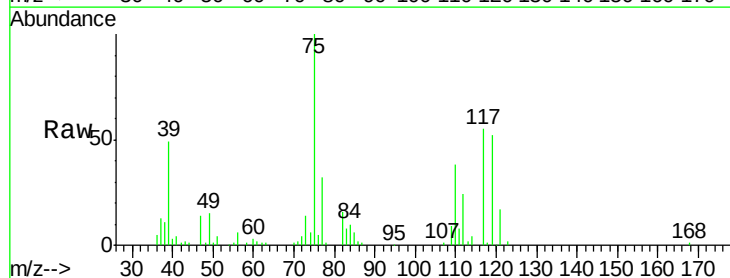
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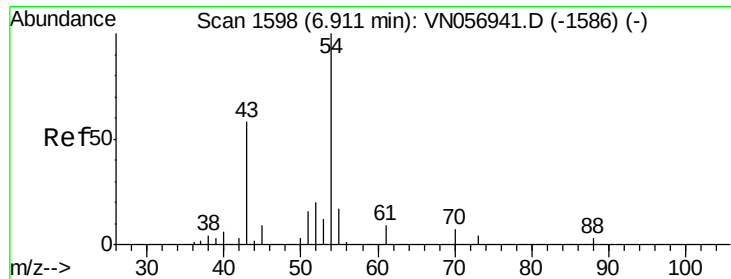
MMdadoda
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#36
 1,1-Dichloropropene
 Concen: 19.540 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.4	18.6	55.8	
77	31.5	25.2	37.8	





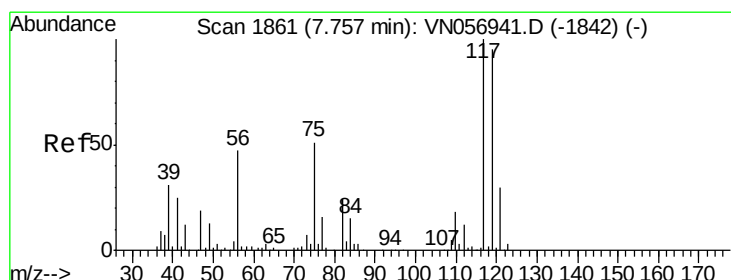
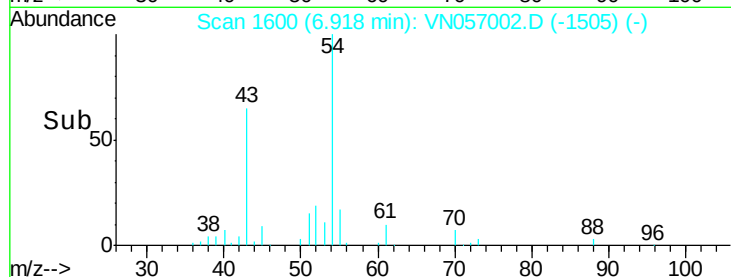
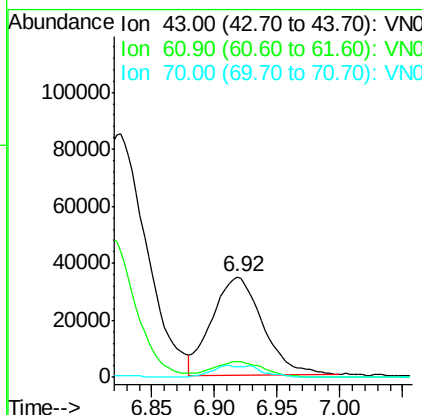
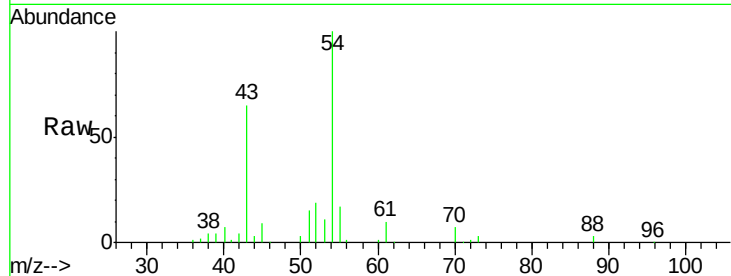
#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	43	61	70
Resp	96262		
Ratio	100	16.5	6.2
Lower		11.8	8.5
Upper		17.6	12.7

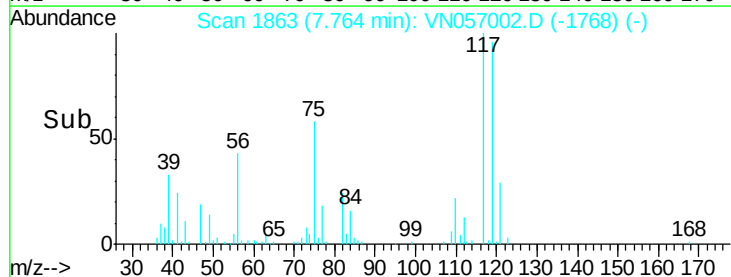
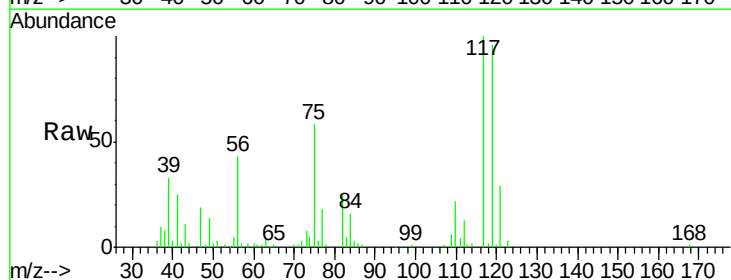
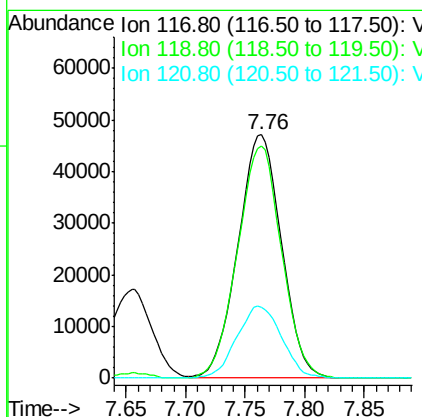
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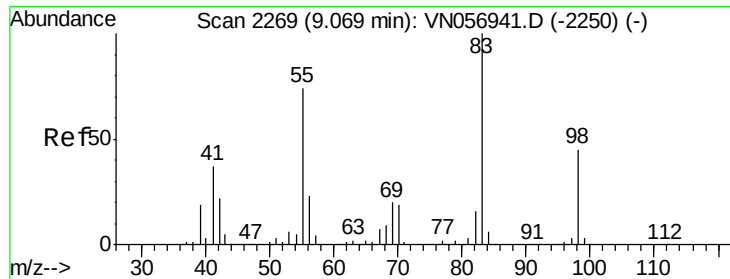
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.237 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	117	119	121
Resp	119357		
Ratio	100	95.6	29.2
Lower		75.3	24.2
Upper		112.9	36.4





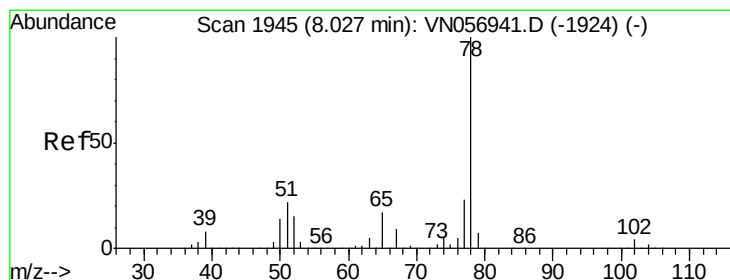
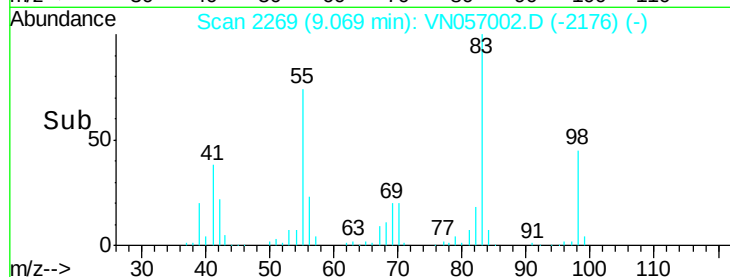
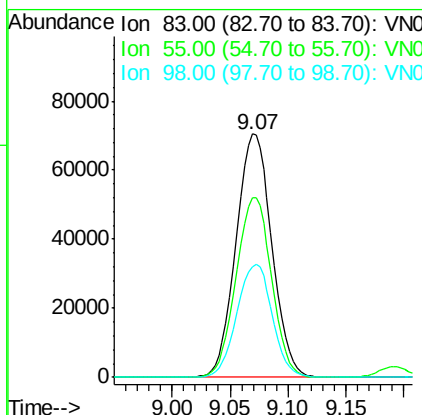
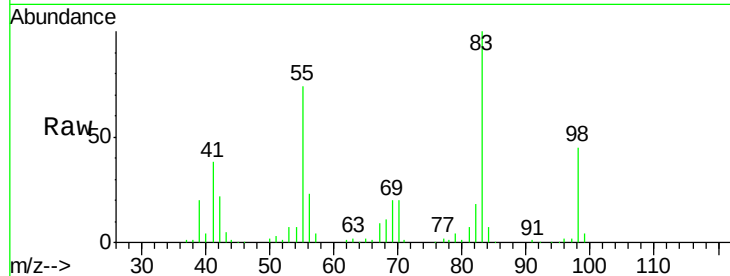
#39
Methylvlcyclohexane
Concen: 18.976 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.0	88.6
98	45.5	36.2	54.4

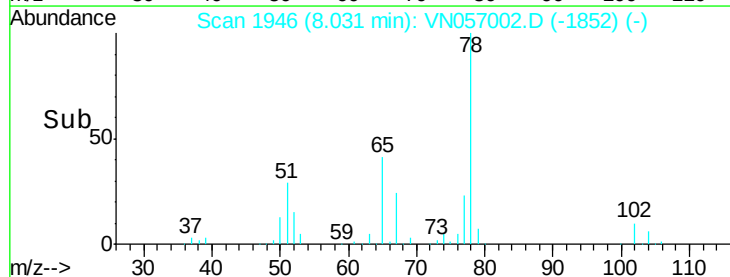
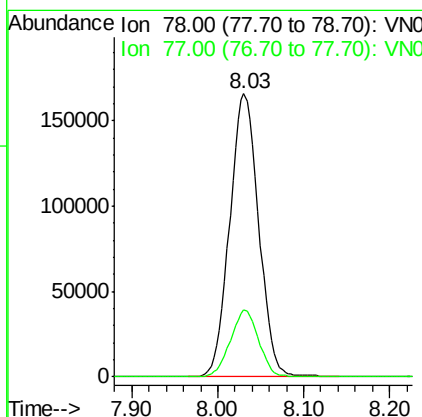
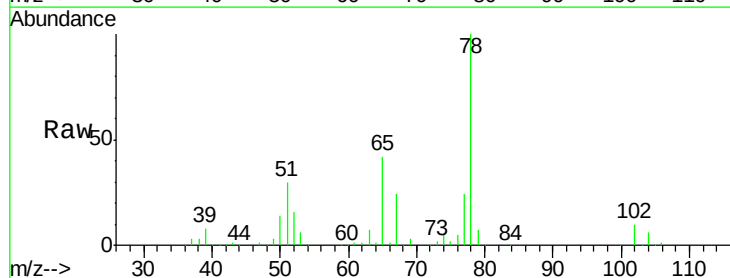
Manual Integrations
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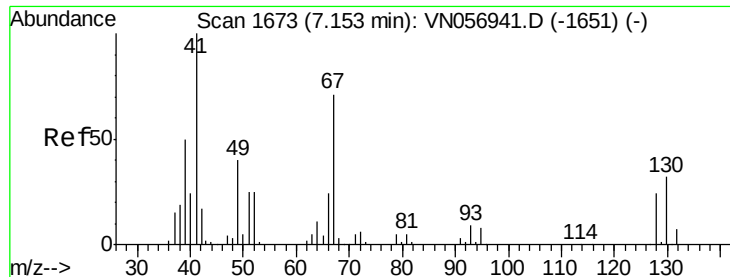
MMdadoda
8/2/2019 10:54:21 PM



#40
Benzene
Concen: 20.233 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5





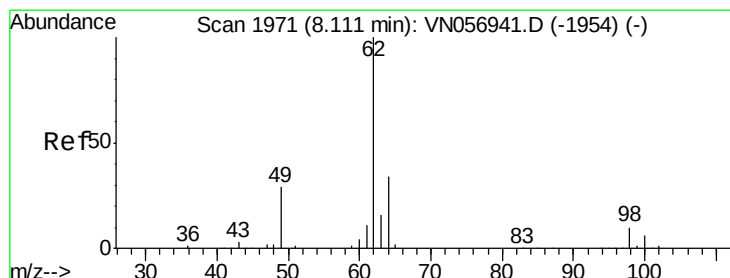
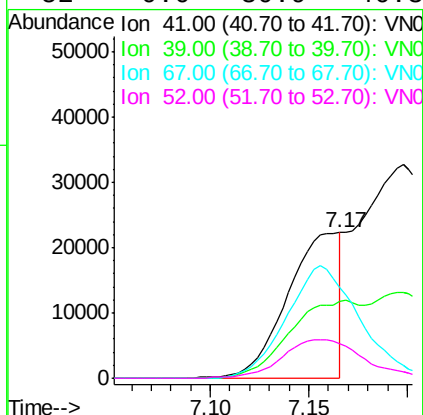
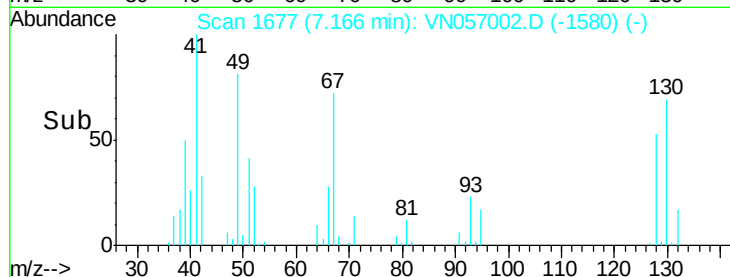
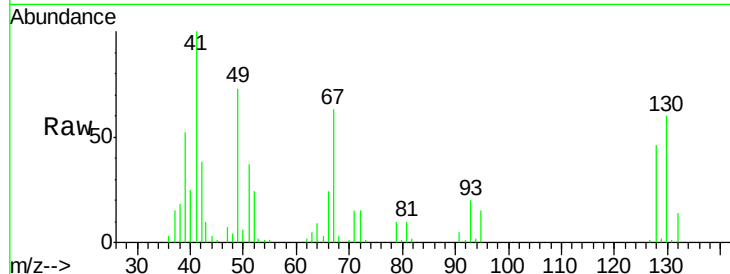
#41
Methacrylonitrile
Concen: 18.027 ug/l m
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
67	0.0	83.4	125.0#
52	0.0	30.9	46.3#

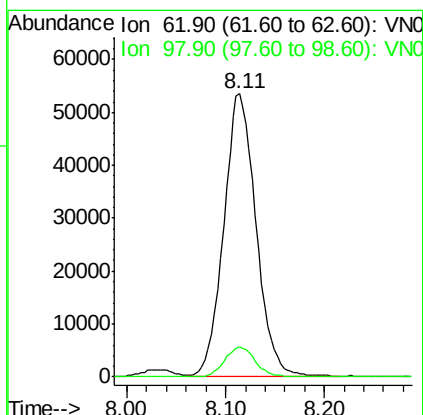
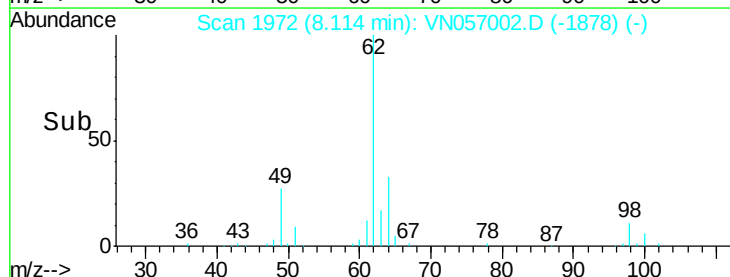
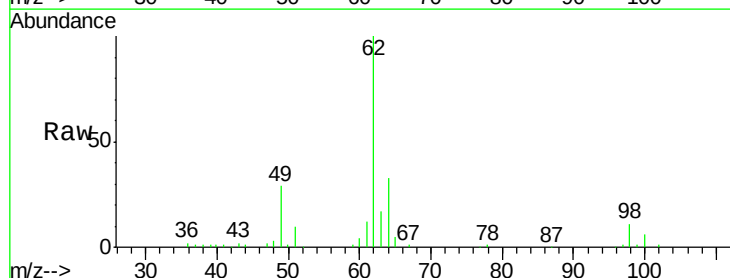
Manual Integrations
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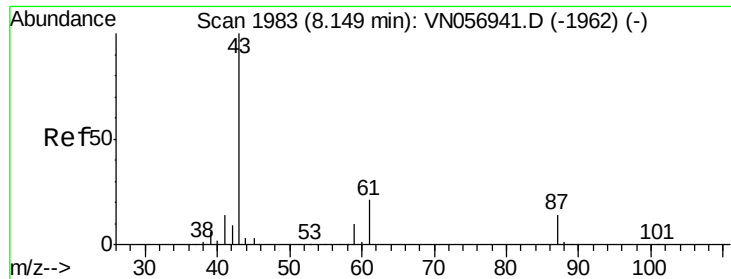
MMdadoda
8/2/2019 10:54:21 PM



#42
1,2-Dichloroethane
Concen: 20.401 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.218 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

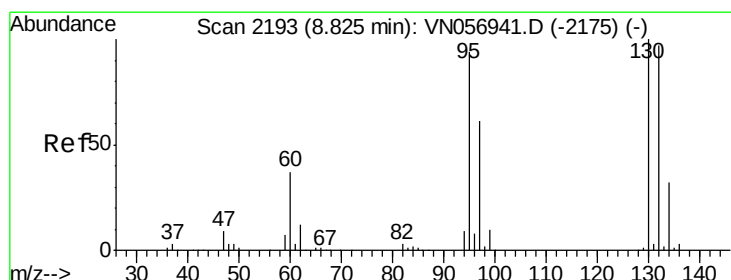
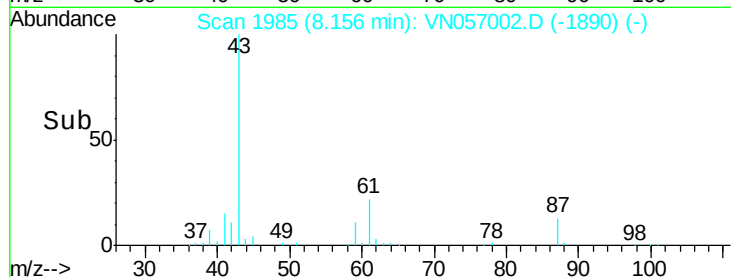
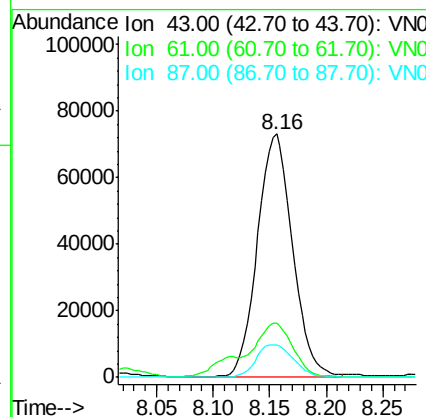
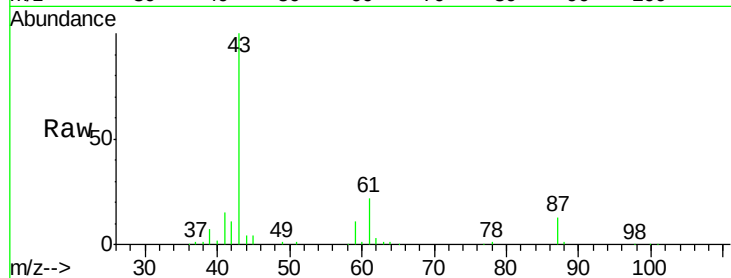
ClientSampleId :

VN0731WBS01

Tot Ion:	43	Resp:	158626
Ion	Ratio	Lower	Upper
43	100		
61	23.0	23.0	34.6
87	14.5	11.7	17.5

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#44

Trichloroethene

Concen: 20.296 ug/l

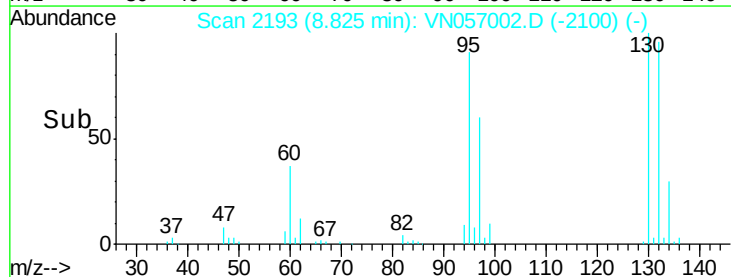
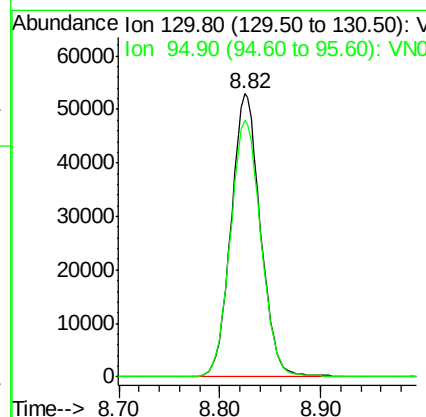
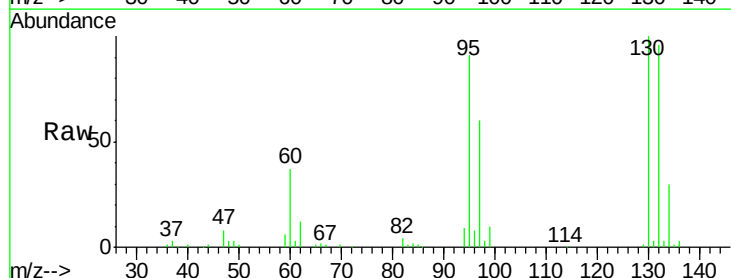
RT: 8.82 min Scan# 2193

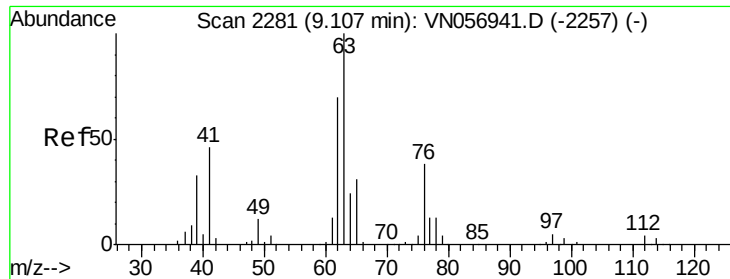
Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	130	Resp:	107387
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	189.0





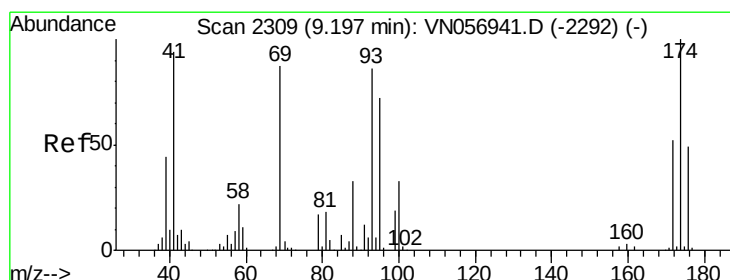
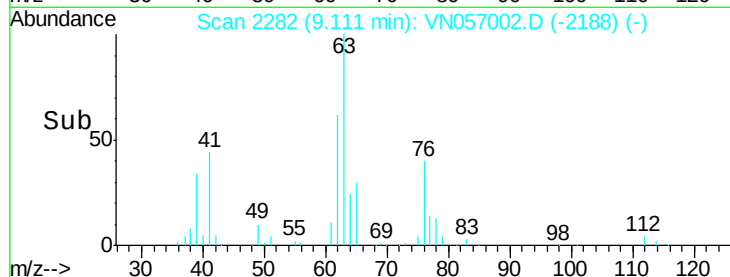
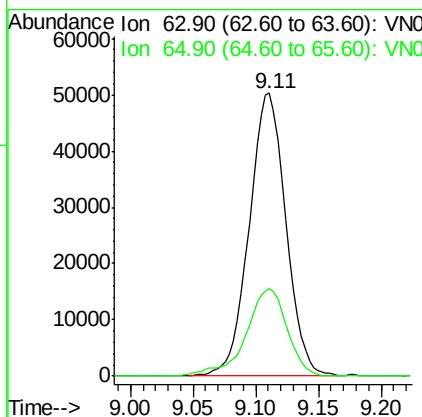
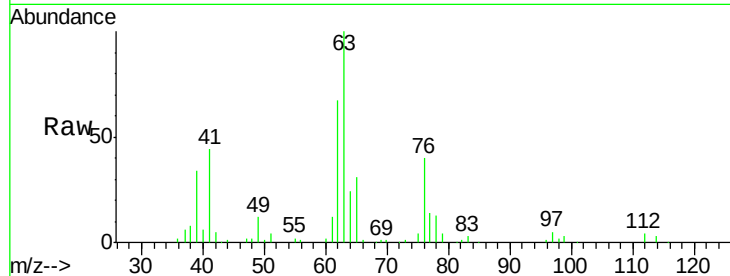
#45
 1,2-Dichloropropane
 Concen: 19.967 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.8	37.2

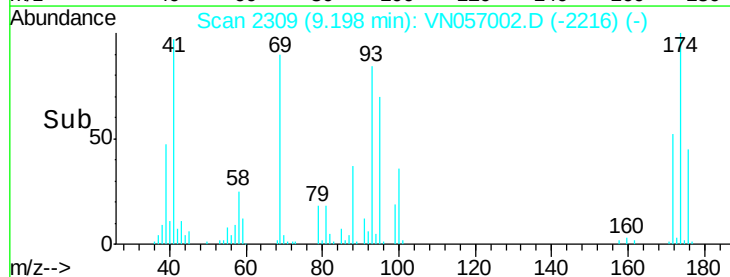
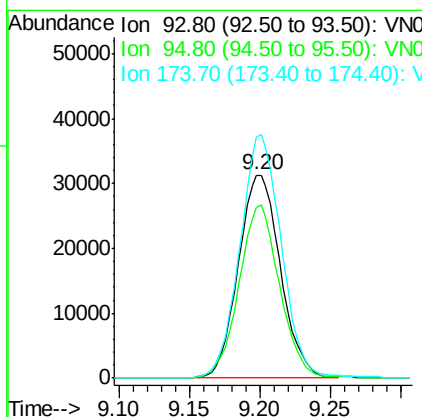
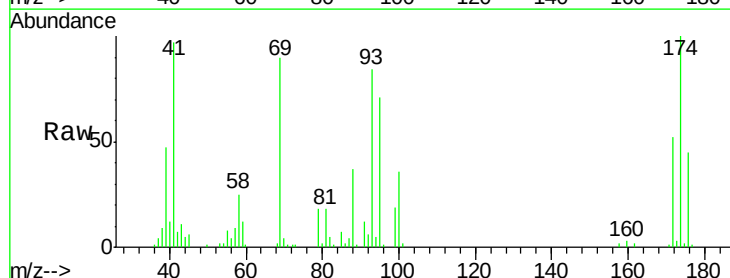
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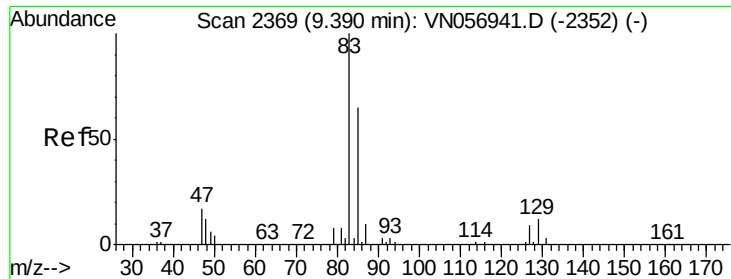
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#46
 Dibromomethane
 Concen: 21.079 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.0	100.6
174	117.9	92.7	139.1





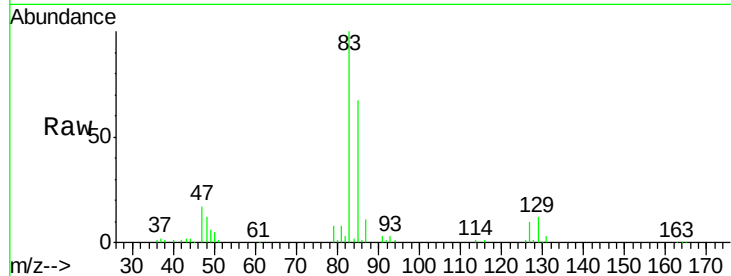
#47
Bromodichloromethane
Concen: 20.038 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

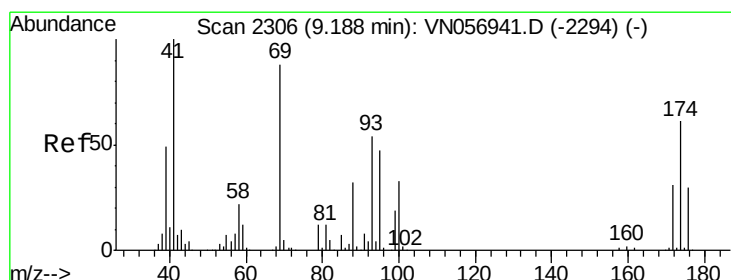
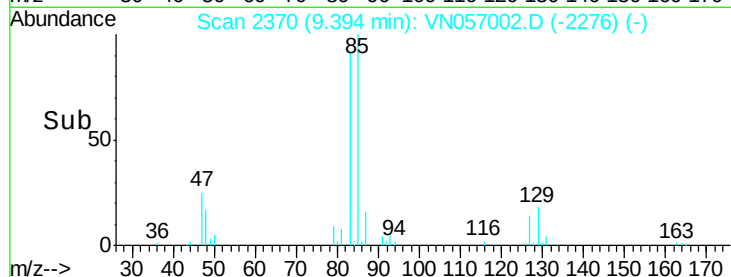
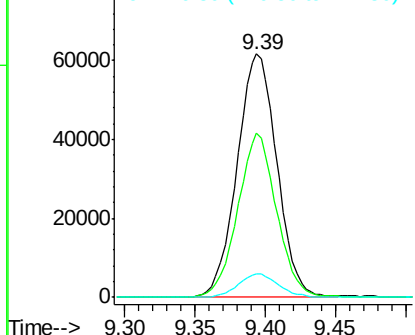
Tot Ion	83	Resp	122051
Ion Ratio	100		
85	67.2	51.6	77.4
127	9.6	7.3	10.9

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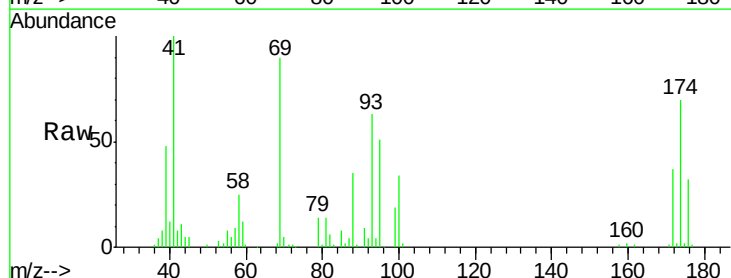


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

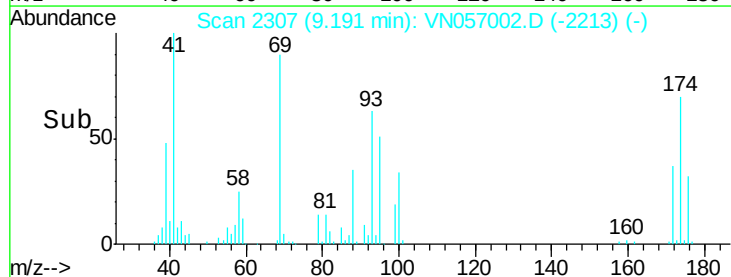
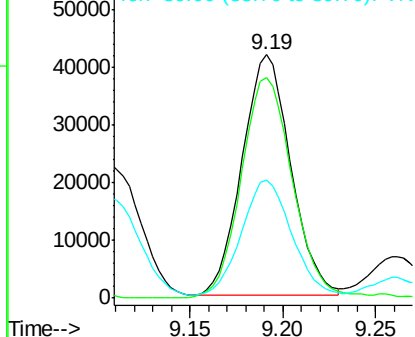


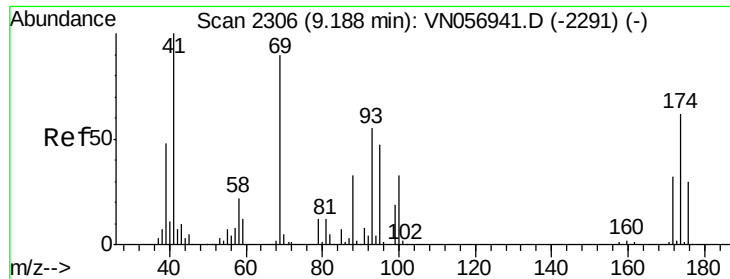
#48
Methyl methacrylate
Concen: 19.220 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	41	Resp	76593
Ion Ratio	100		
69	96.4	73.4	110.0
39	50.2	39.9	59.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





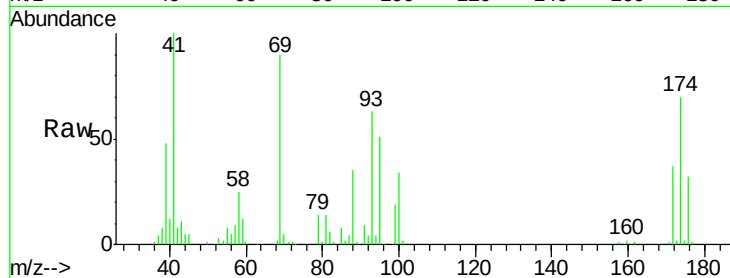
#49
1,4-Dioxane
Concen: 406.069 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

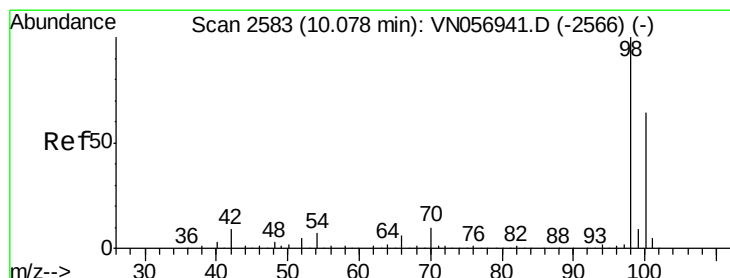
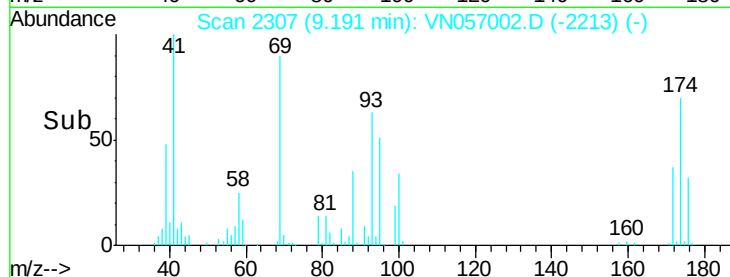
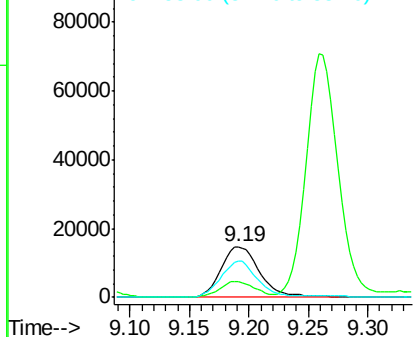
Tot Ion	88	Resp	33348
Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.2	33.2
58	67.0	54.1	81.1

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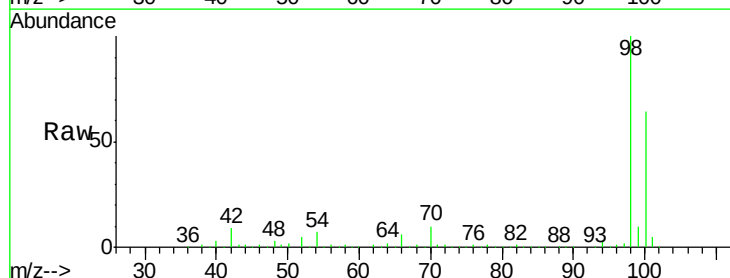


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

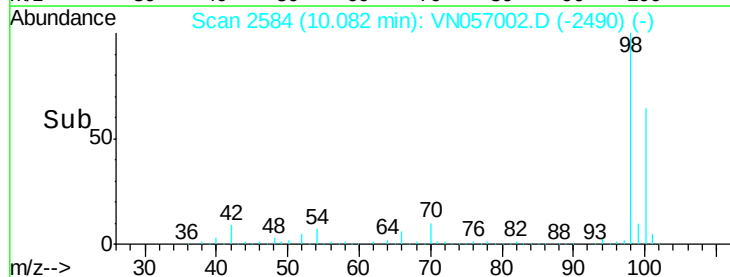
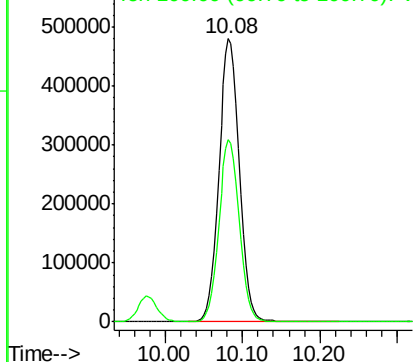


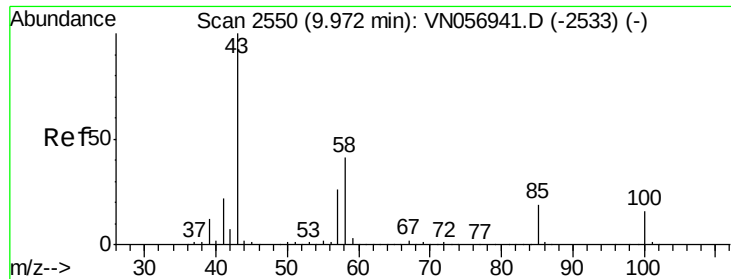
#50
Toluene-d8
Concen: 51.153 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	98	Resp	884906
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





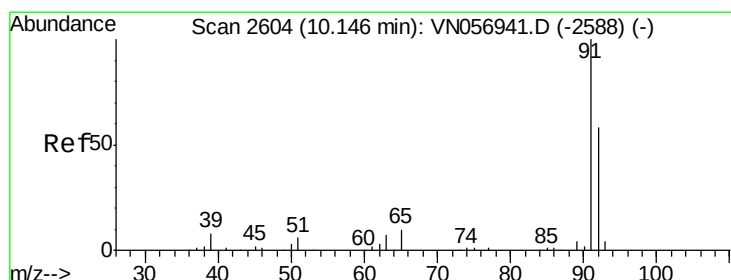
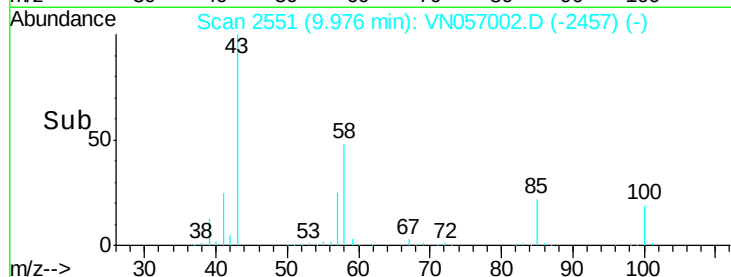
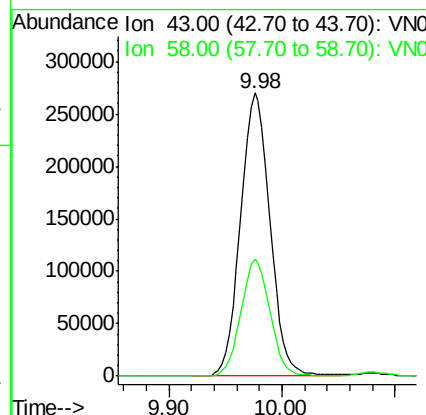
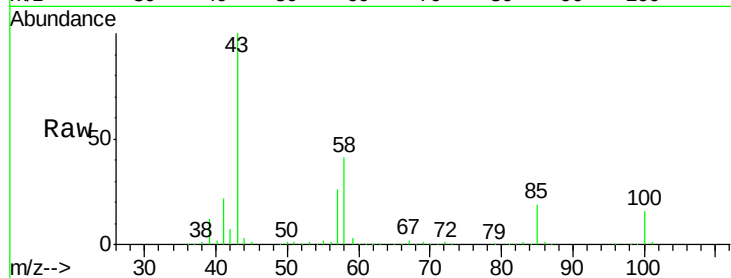
#51
4-Methyl-2-Pentanone
Concen: 100.092 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.1	49.7

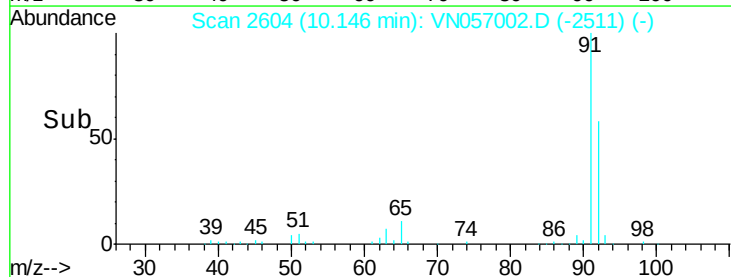
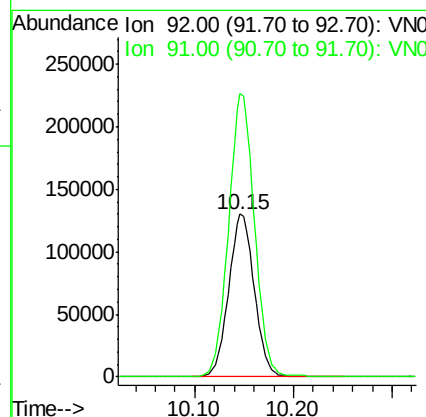
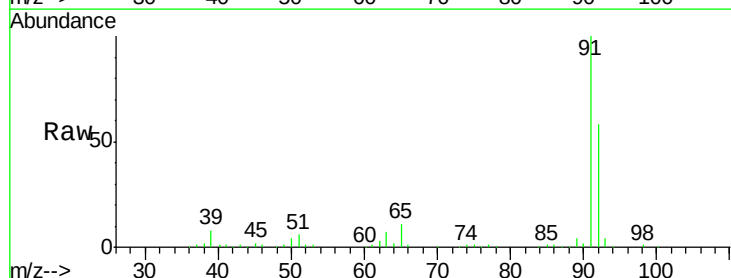
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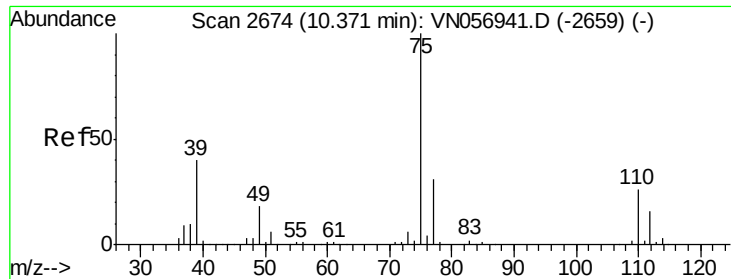
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#52
Toluene
Concen: 20.563 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.1	138.0	207.0





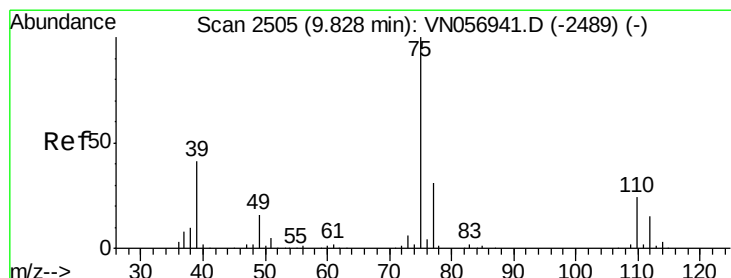
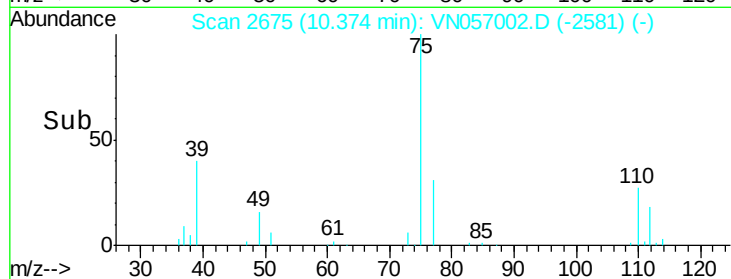
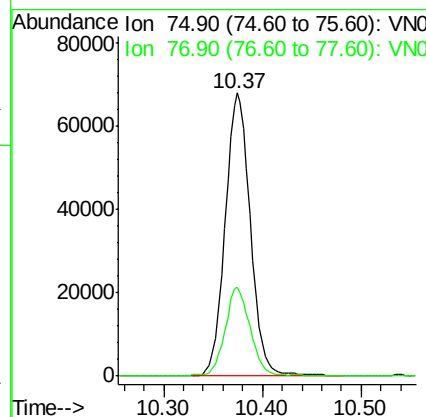
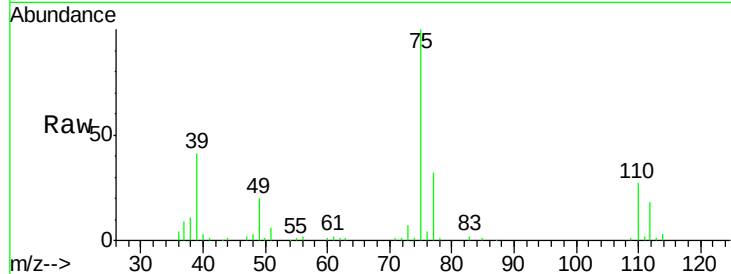
#53
t-1,3-Dichloropropene
Concen: 19.243 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion: 75 Resp: 121629
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

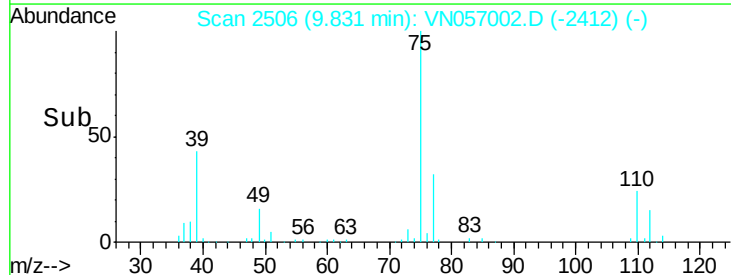
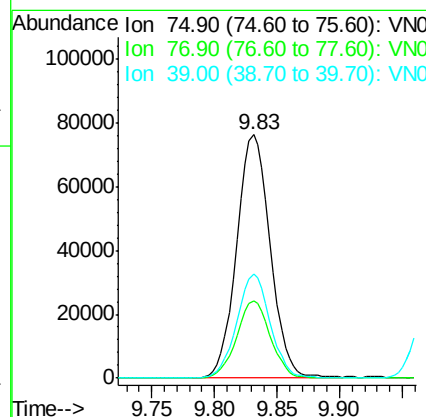
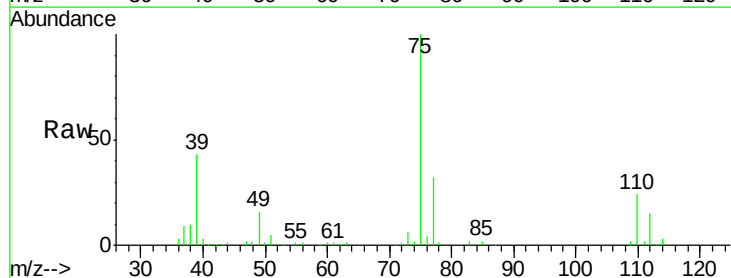
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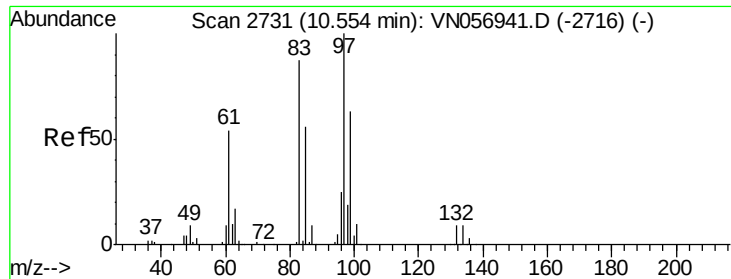
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#54
cis-1,3-Dichloropropene
Concen: 19.363 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 75 Resp: 142296
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 42.7 32.6 49.0





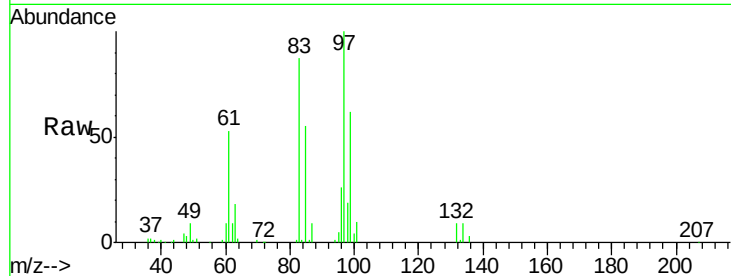
#55
 1,1,2-Trichloroethane
 Concen: 20.145 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion:	97	Resp:	93217
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.4	104.0
85	54.5	44.7	67.1
99	61.9	50.1	75.1

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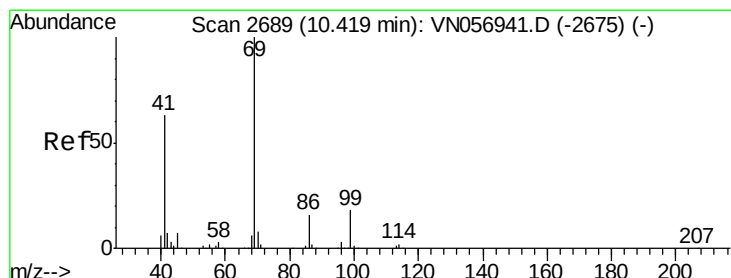
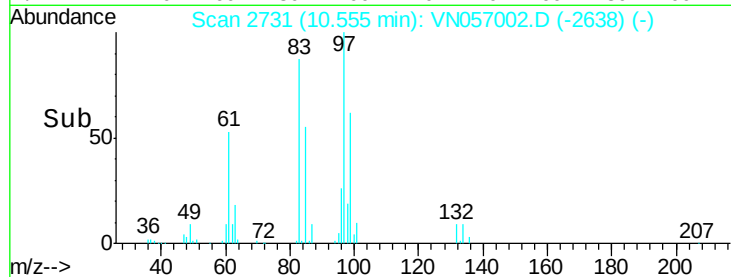
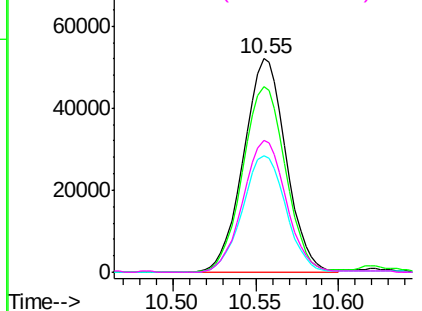


Abundance Ion 96.90 (96.60 to 97.60): VN056941.D (-2716) (-)

Ion 82.90 (82.60 to 83.60): VN056941.D (-2716) (-)

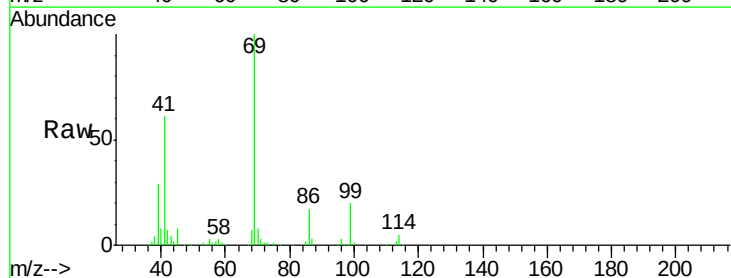
Ion 84.90 (84.60 to 85.60): VN056941.D (-2716) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-2716) (-)



#56
 Ethyl methacrylate
 Concen: 18.675 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

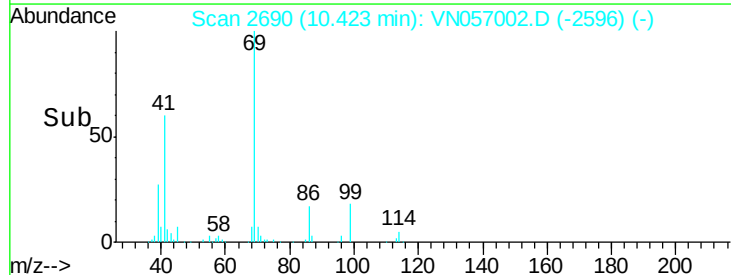
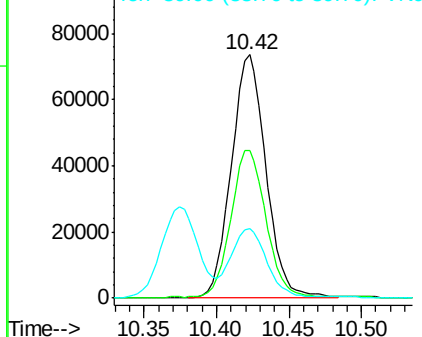
Tgt Ion:	69	Resp:	122512
Ion	Ratio	Lower	Upper
69	100		
41	60.4	49.2	73.8
39	29.0	23.1	34.7

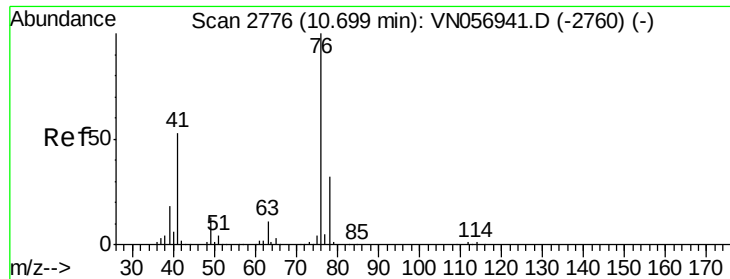


Abundance Ion 69.00 (68.70 to 69.70): VN056941.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN056941.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN056941.D (-2675) (-)





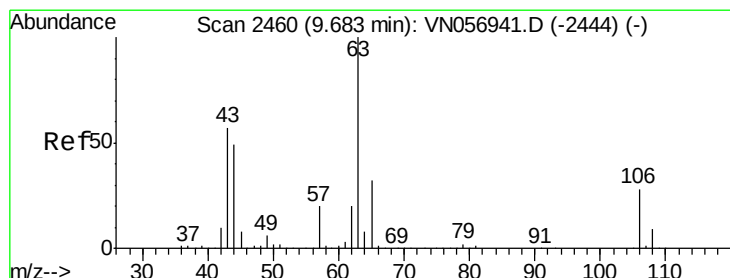
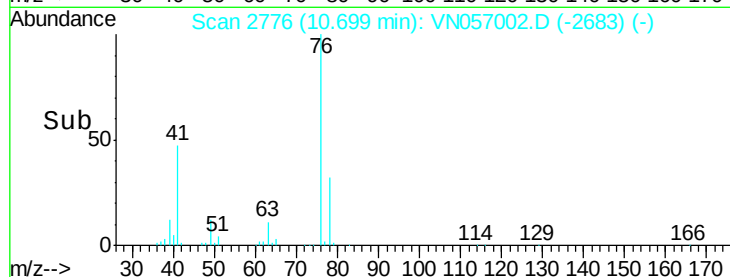
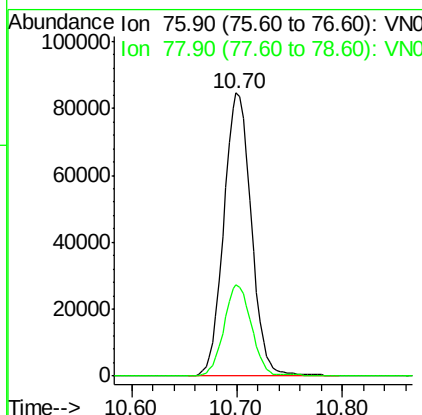
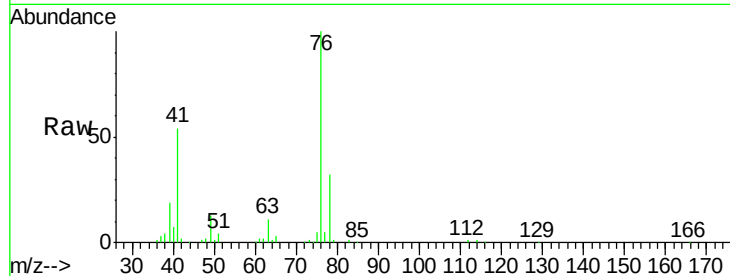
#57
 1,3-Dichloropropane
 Concen: 19.908 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion: 76 Resp: 152758
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

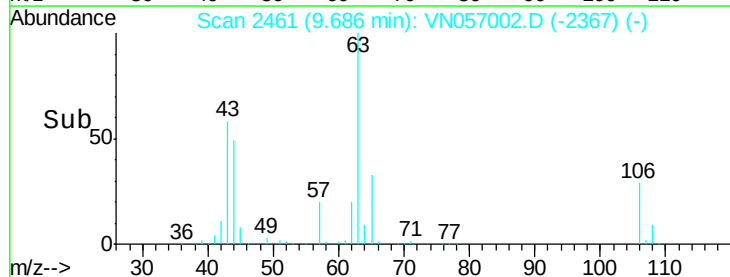
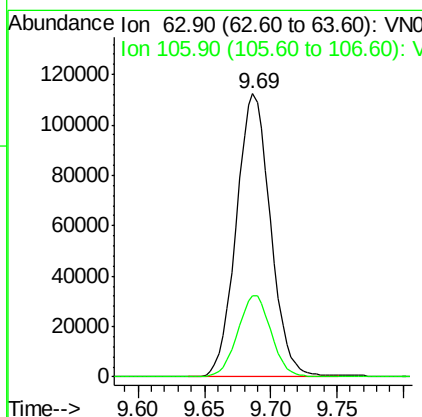
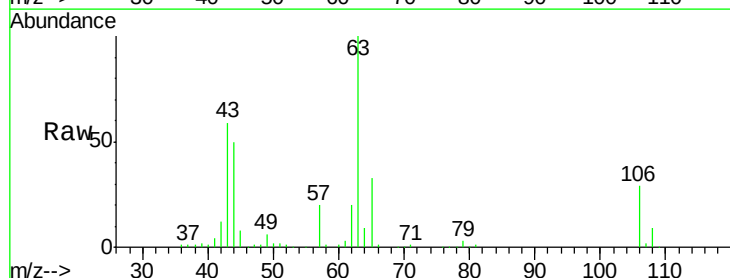
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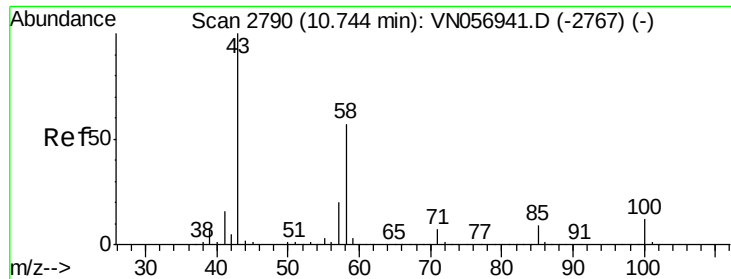
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#58
 2-Chloroethyl Vinyl ether
 Concen: 72.735 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 63 Resp: 201691
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.0 33.0





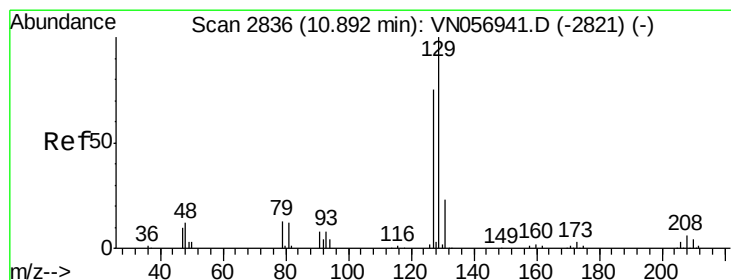
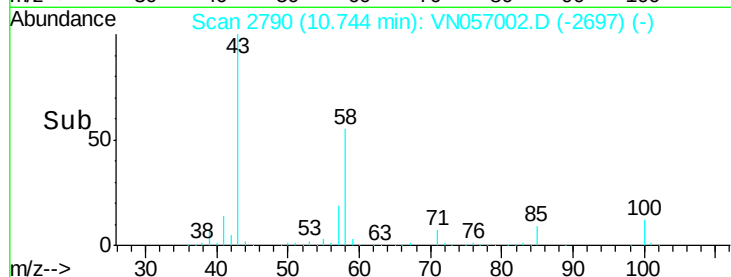
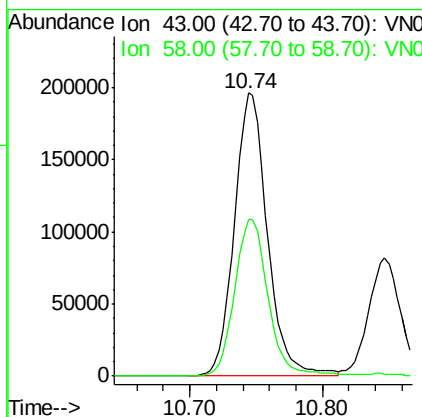
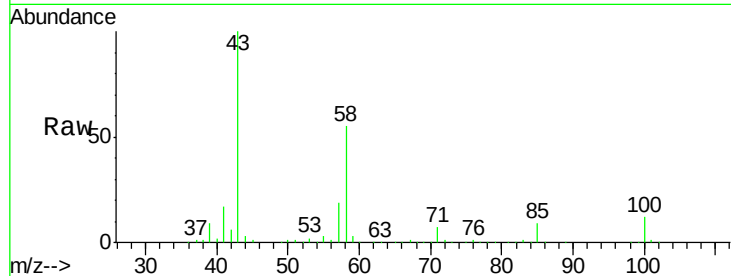
#59
2-Hexanone
Concen: 91.607 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	43	Resp	339939
Ion Ratio	100	Lower	Upper
58	56.1	28.5	85.5

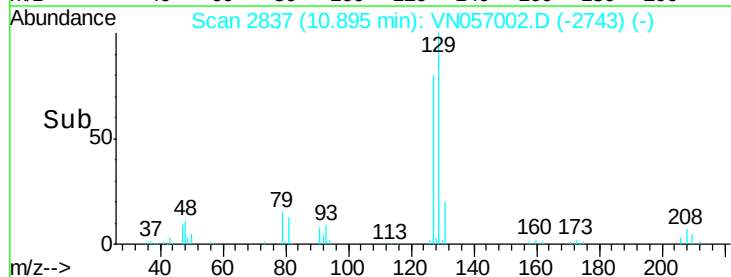
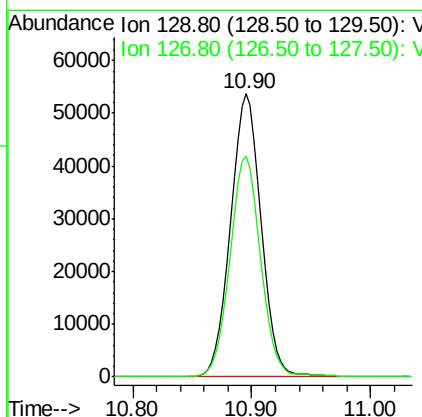
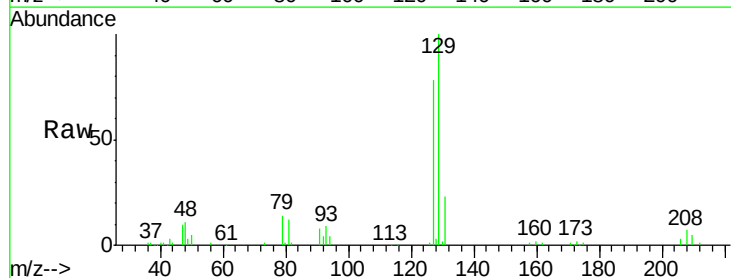
Manual Integrations
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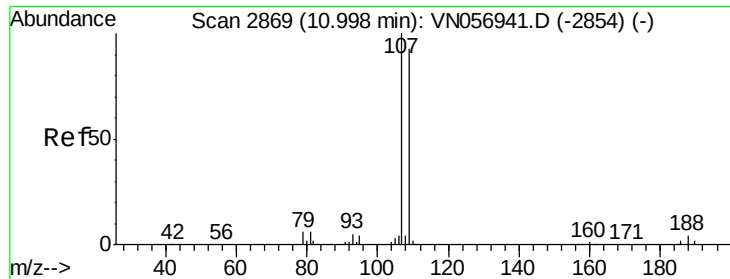
MMDadoda
8/2/2019 10:54:21 PM



#60
Dibromochloromethane
Concen: 20.173 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	129	Resp	95637
Ion Ratio	100	Lower	Upper
127	78.1	38.0	113.9





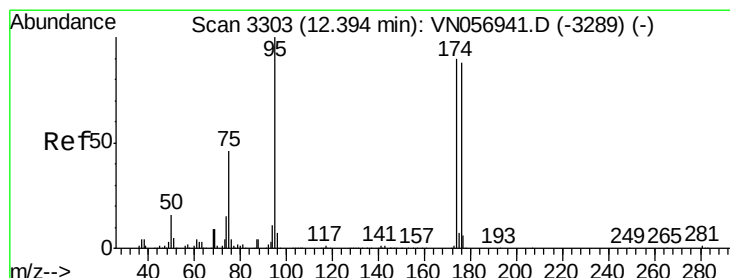
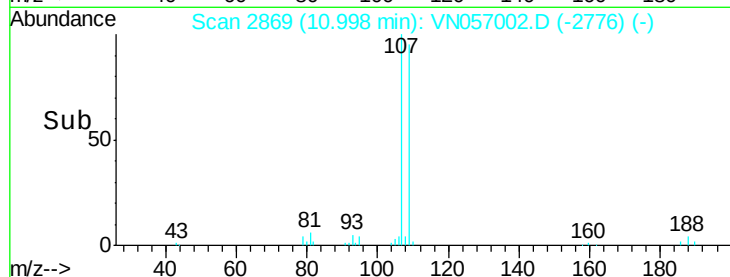
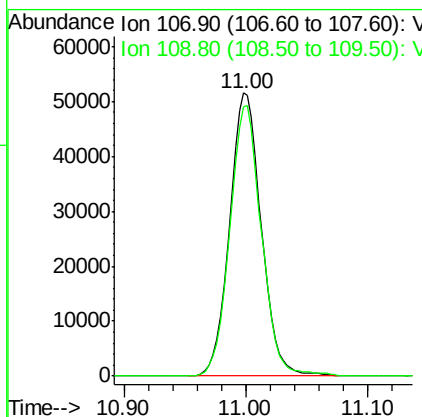
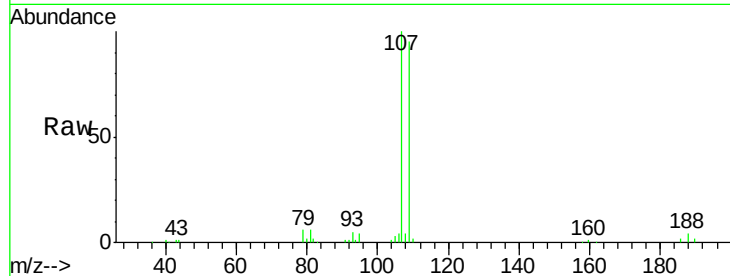
#61
 1,2-Dibromoethane
 Concen: 20.603 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion: 107 Resp: 93038
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.0 114.0

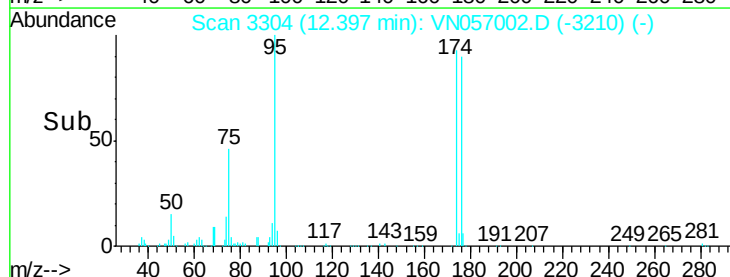
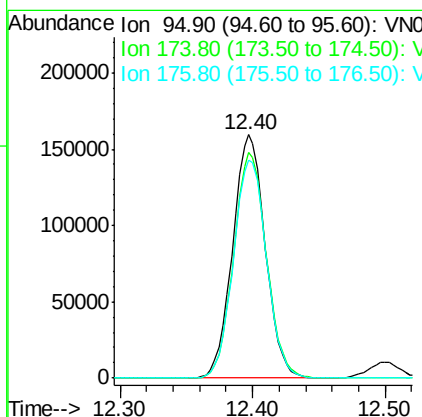
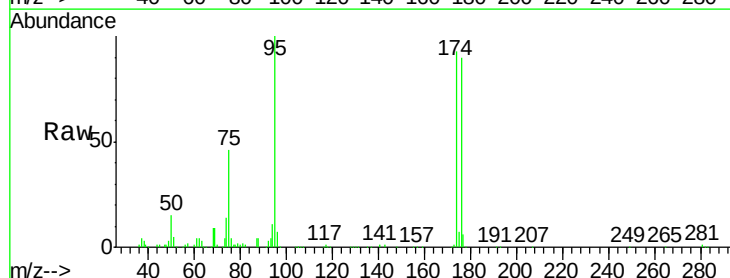
Manual Integrations
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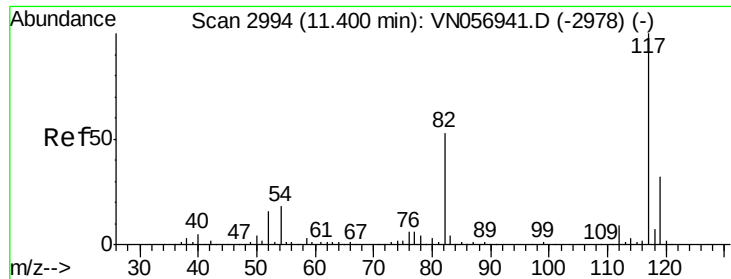
MMdadoda
 8/2/2019 10:54:21 PM



#62
 4-Bromofluorobenzene
 Concen: 48.203 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 95 Resp: 271461
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 182.2
 176 91.2 0.0 179.4





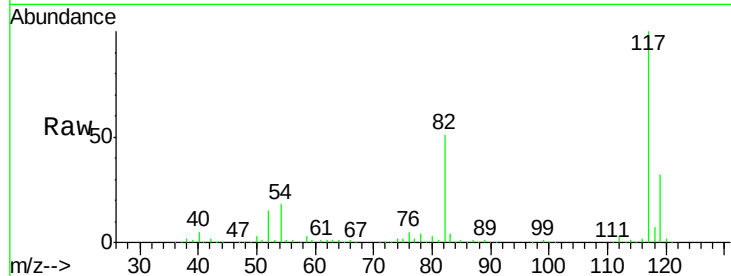
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.2	63.4
119	32.0	25.8	38.6

Manual Integrations
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MMdadoda
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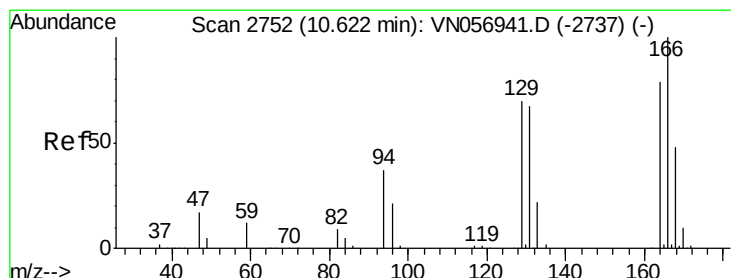
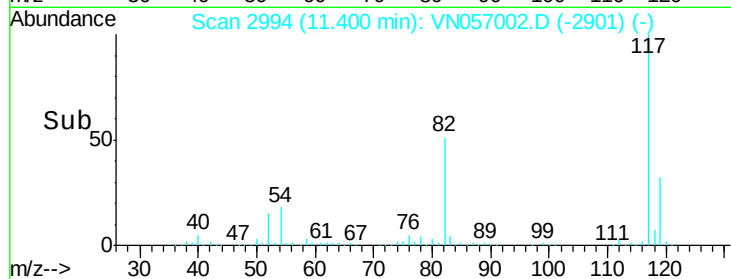
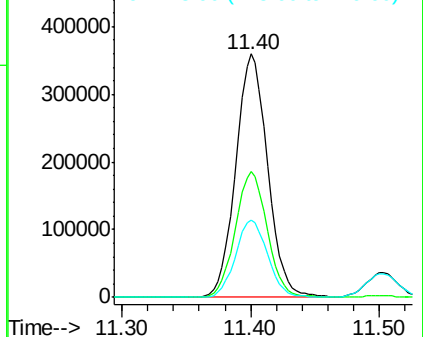


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.910 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.1	151.7
129	89.2	70.9	106.3
131	92.0	67.7	101.5

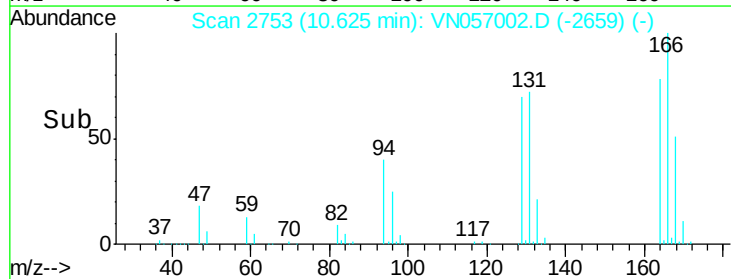
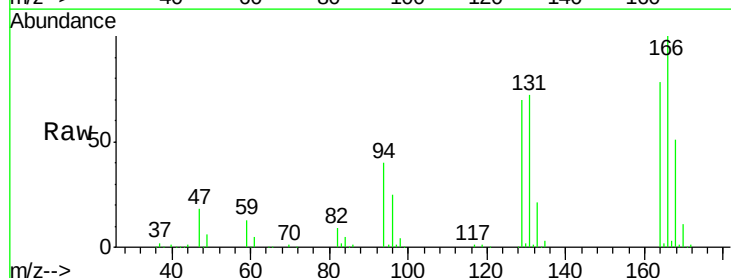
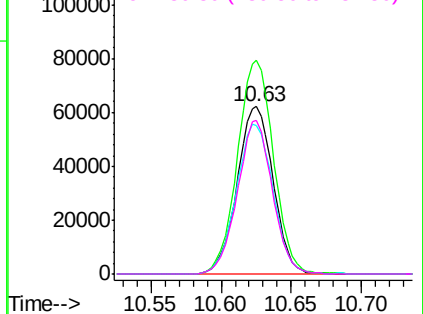
Abundance

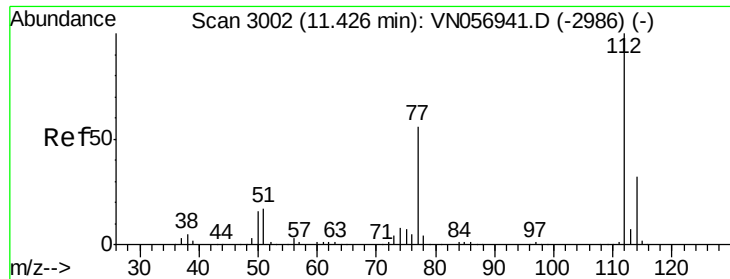
Ion 163.80 (163.50 to 164.50): V

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





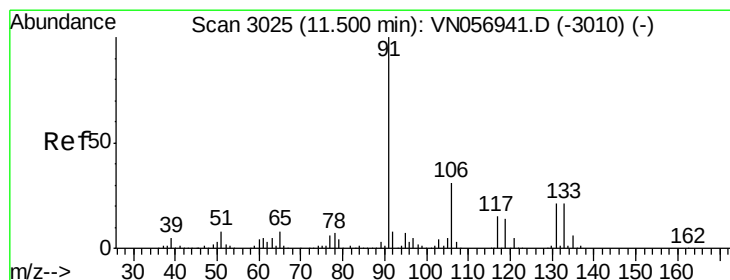
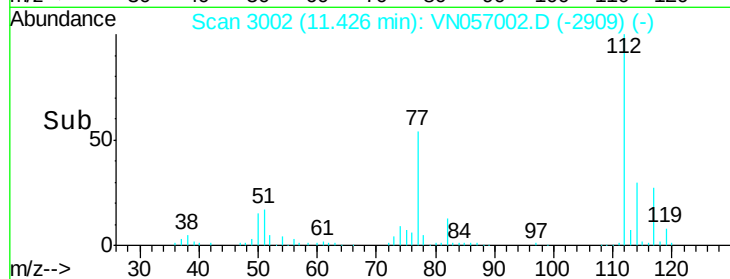
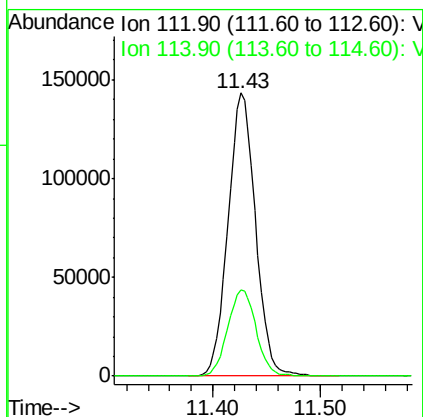
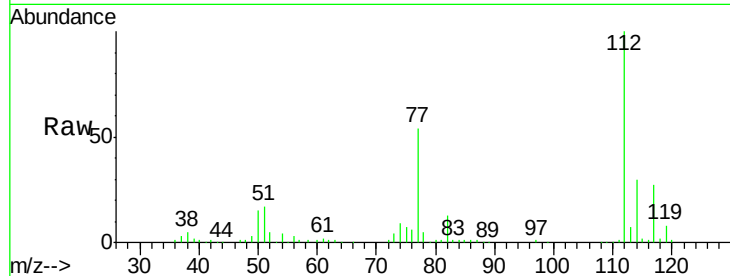
#65
Chlorobenzene
Concen: 20.231 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:112 Resp: 254536
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0

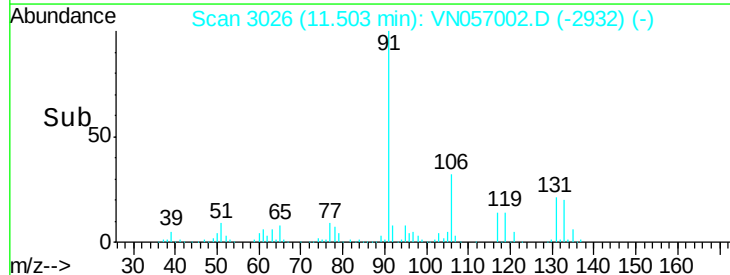
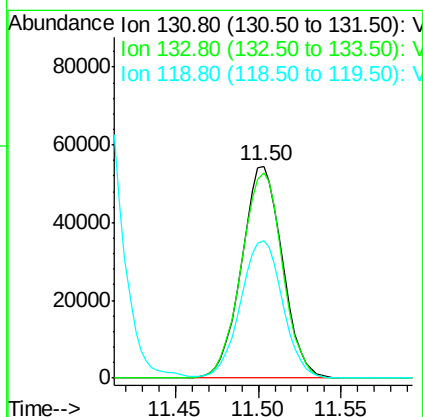
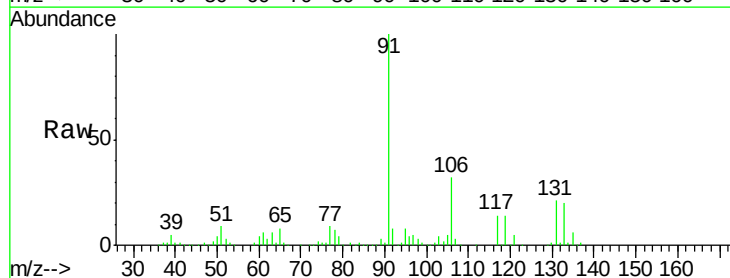
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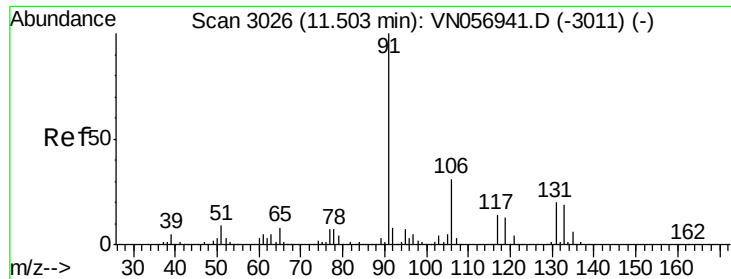
MMdadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.758 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:131 Resp: 93561
Ion Ratio Lower Upper
131 100
133 97.7 48.0 144.0
119 66.7 33.2 99.6





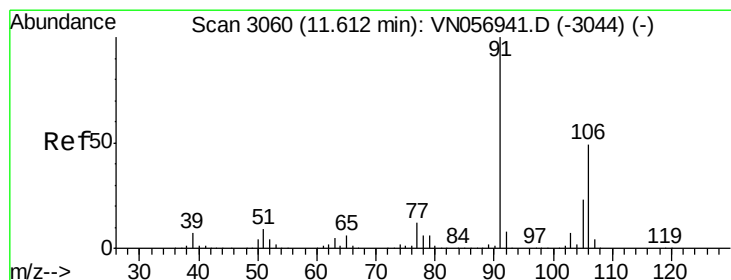
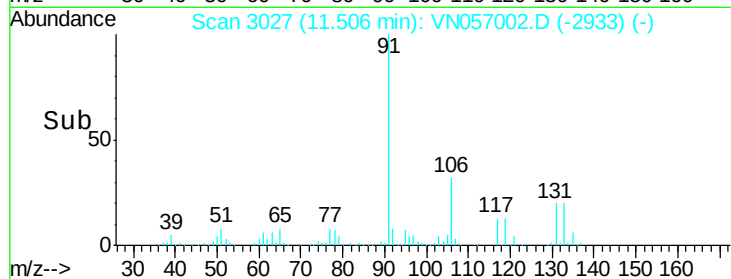
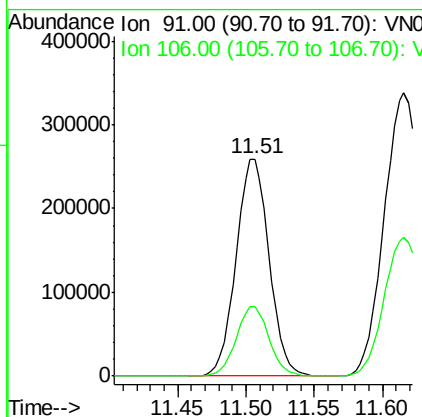
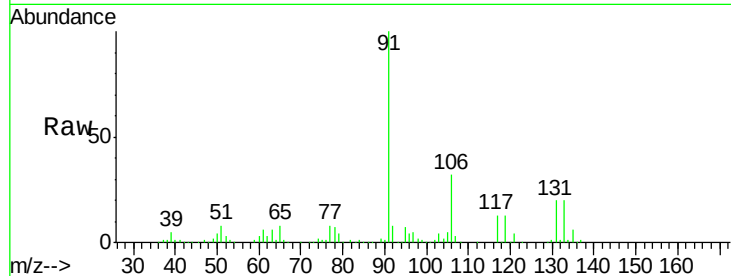
#67
Ethyl Benzene
Concen: 20.000 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion: 91 Resp: 434879
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7

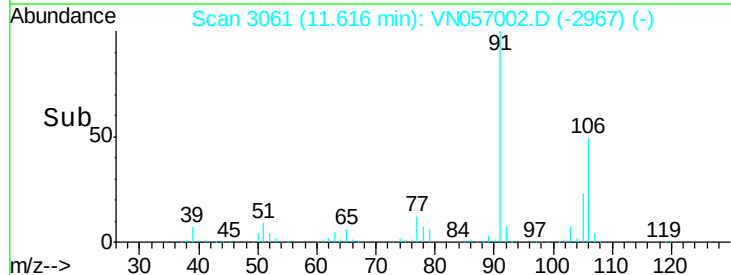
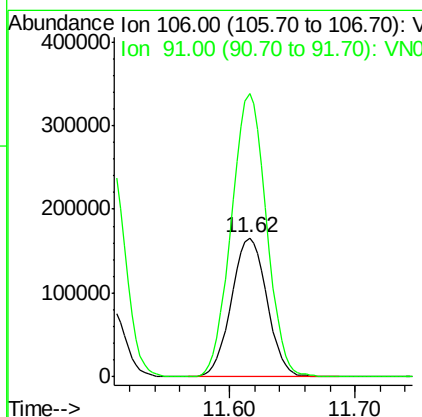
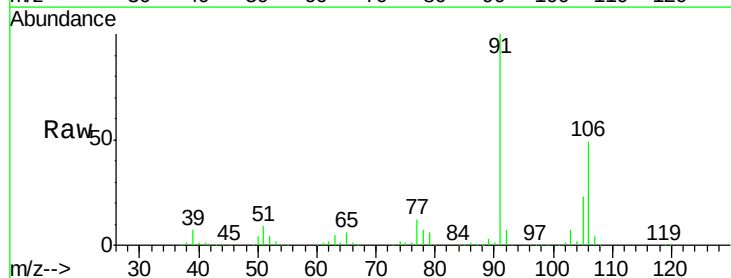
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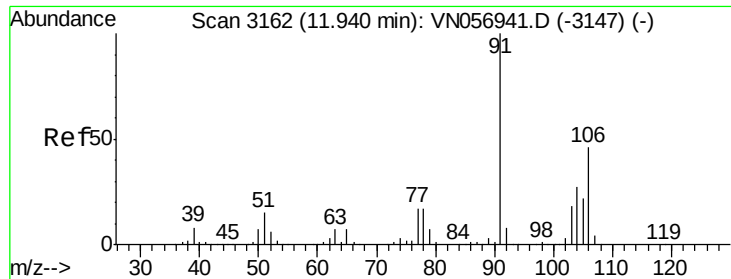
MMdadoda
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#68
m/p-Xylenes
Concen: 40.650 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 106 Resp: 326211
Ion Ratio Lower Upper
106 100
91 201.6 160.0 240.0





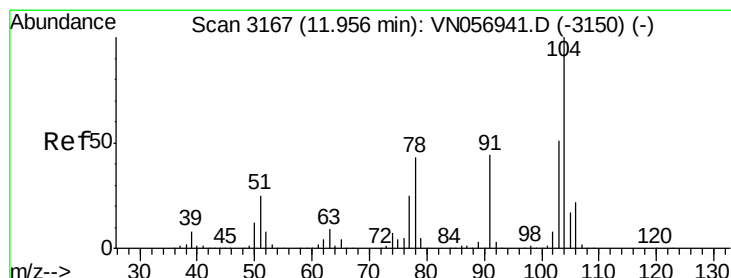
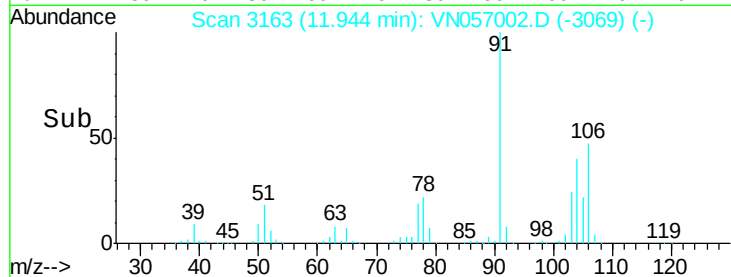
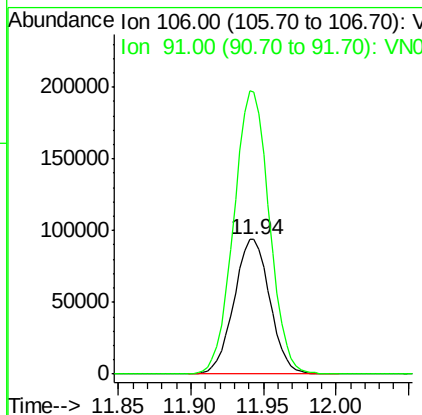
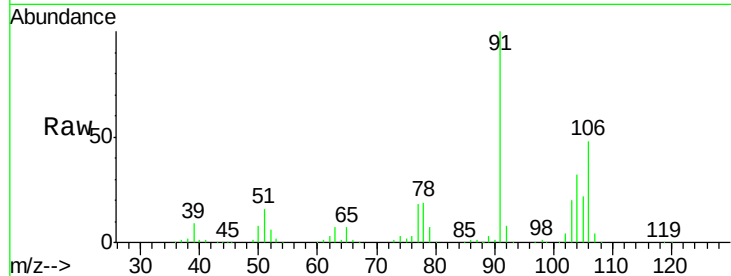
#69
o-Xylene
Concen: 20.570 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion:106 Resp: 161495
Ion Ratio Lower Upper
106 100
91 208.4 106.2 318.6

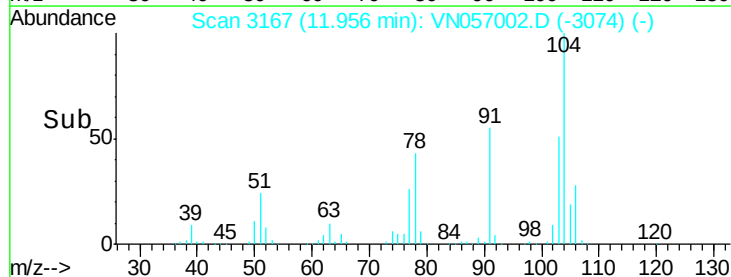
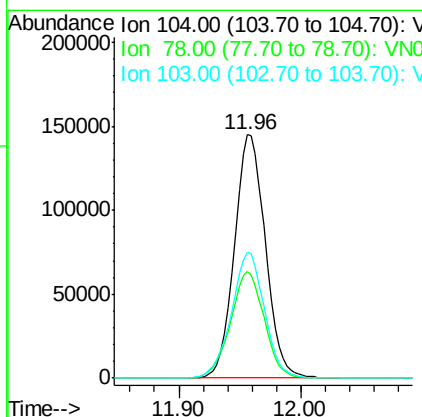
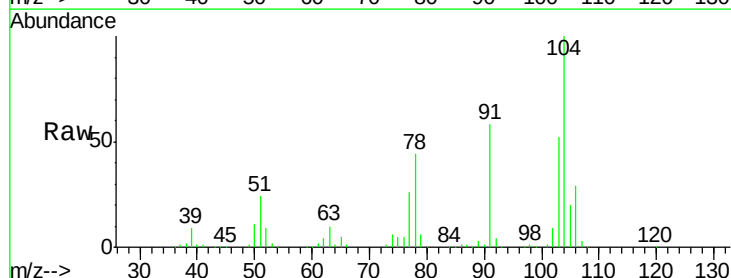
Manual Integrations
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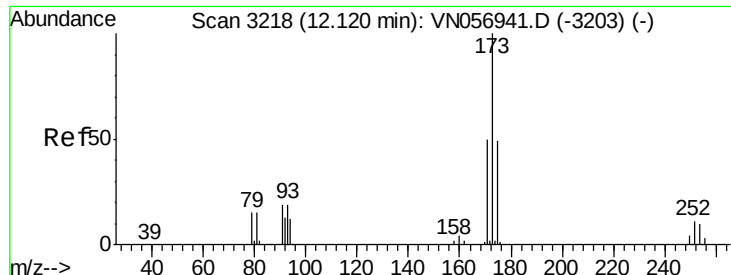
MMdadoda
8/2/2019 10:54:21 PM



#70
Styrene
Concen: 19.524 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:104 Resp: 254530
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 19.871 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

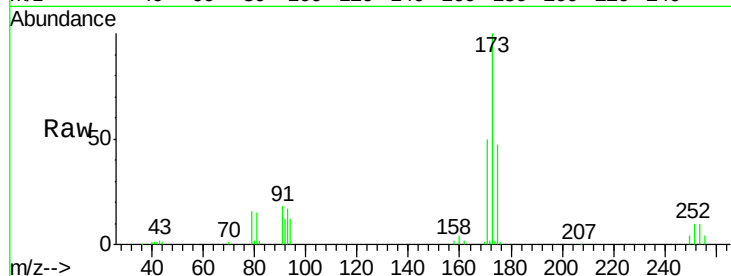
ClientSampled :

VN0731WBS01

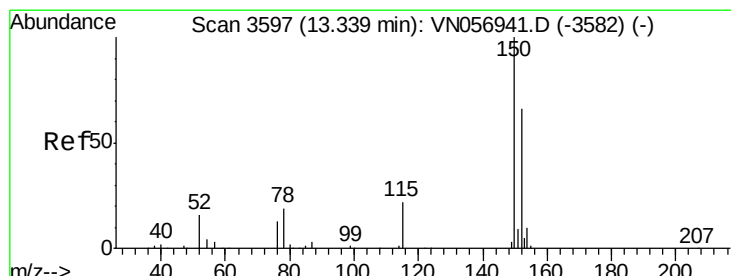
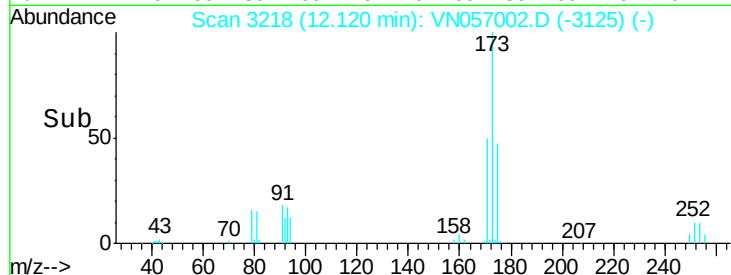
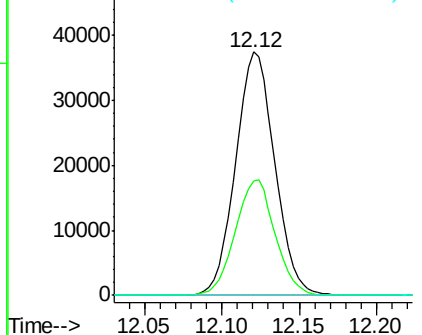
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1#

Manual Integrations
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8/2/2019 10:54:21 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

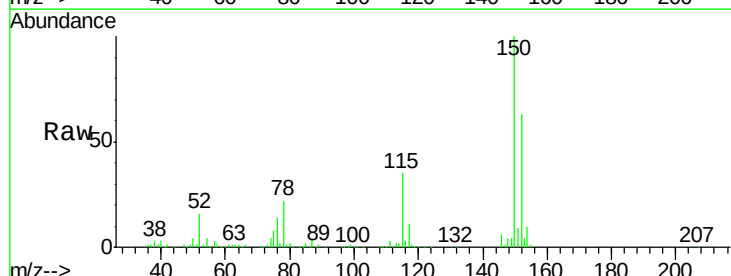
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

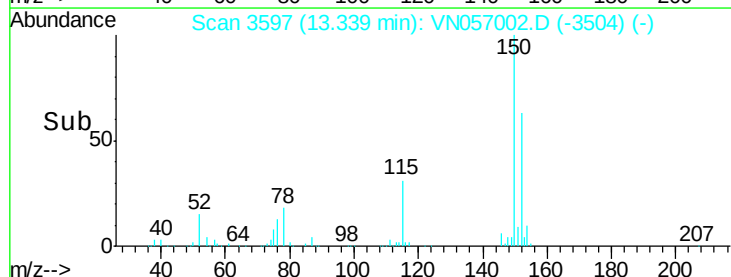
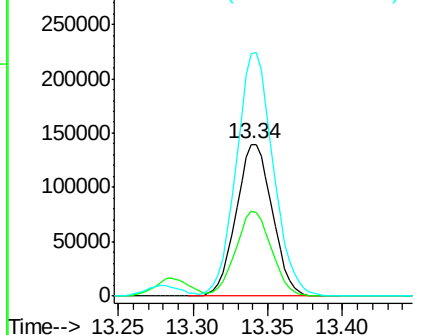
Lab File: VN057002.D

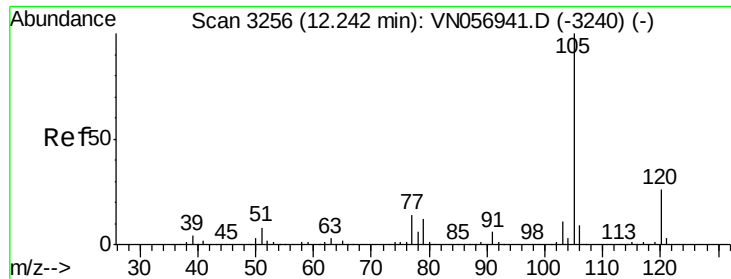
Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.6
150	164.7	0.0	349.4



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





#73

Isopropylbenzene

Concen: 21.110 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion:105 Resp: 428508

Ion Ratio Lower Upper

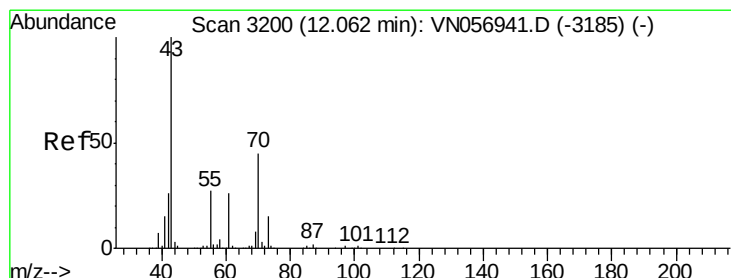
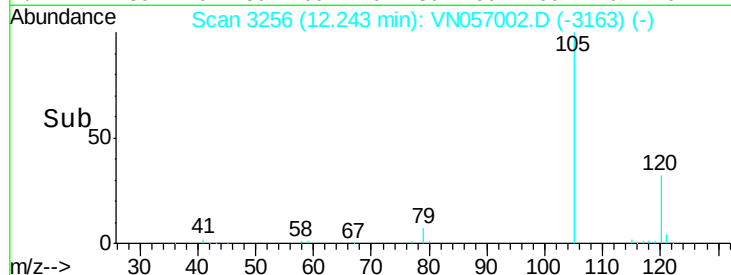
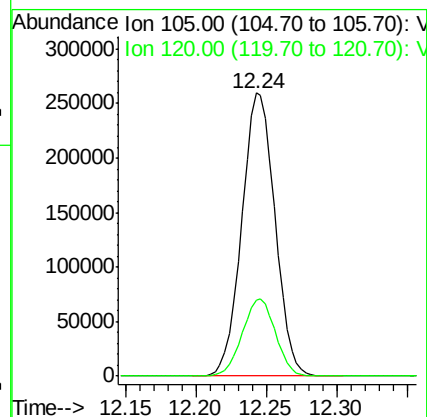
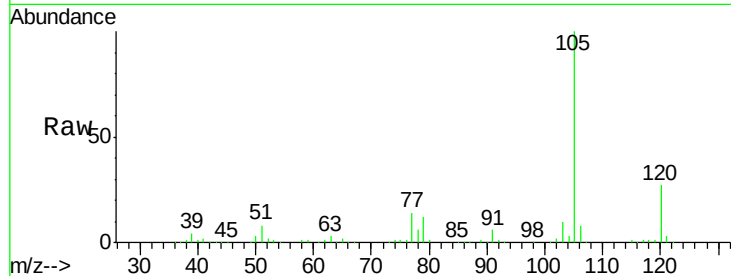
105 100

120 27.2 13.5 40.5

Manual Integrations
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MMdadoda

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#74

N-ethyl acetate

Concen: 19.757 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion: 43 Resp: 116451

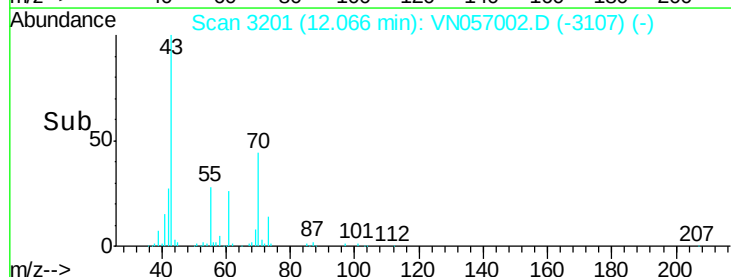
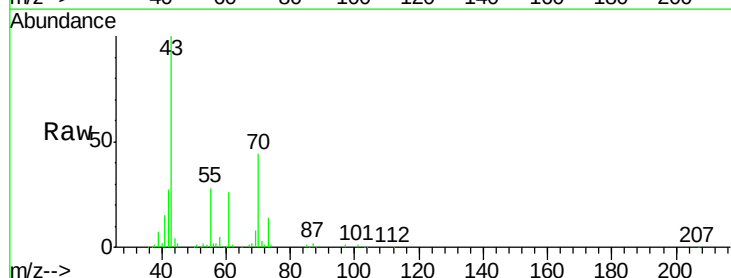
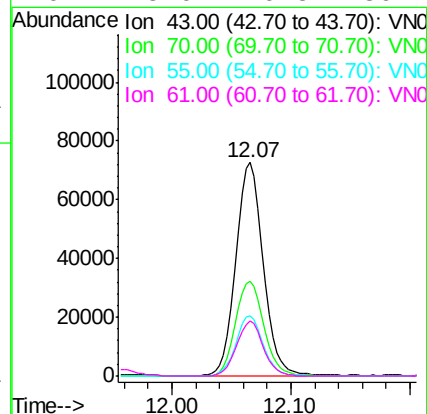
Ion Ratio Lower Upper

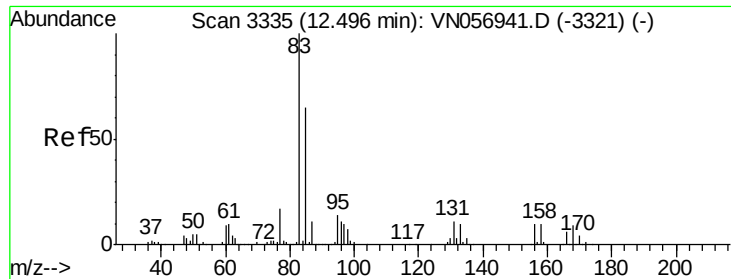
43 100

70 45.8 36.5 54.7

55 27.9 21.4 32.0

61 25.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

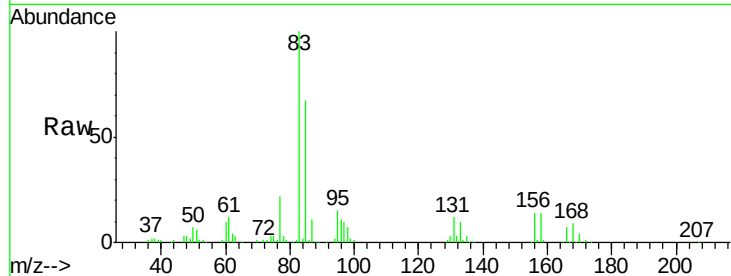
ClientSampleId :

VN0731WBS01

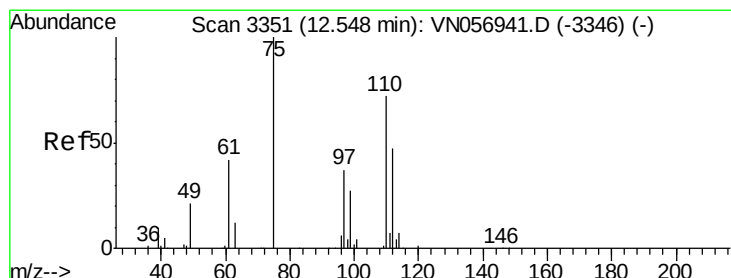
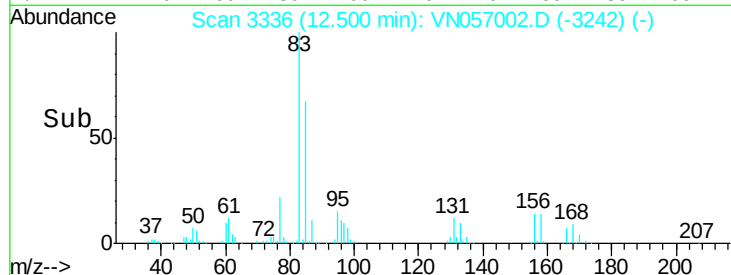
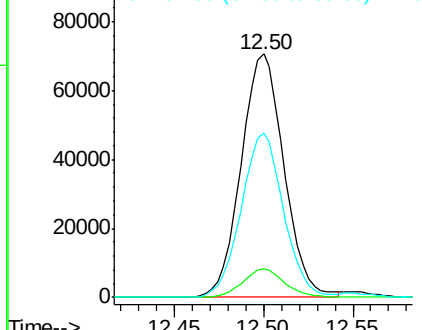
Tot Ion:	83	Resp:	118783
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	16.1
85	66.6	32.5	97.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN057002.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 19.803 ug/l m

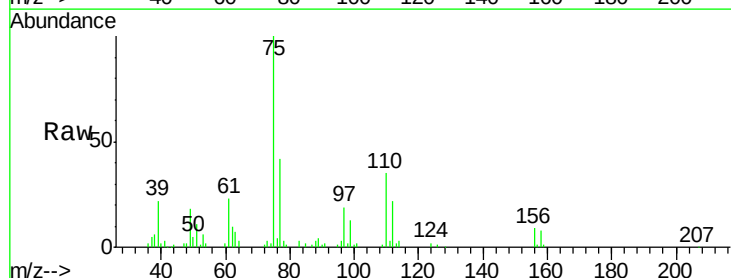
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

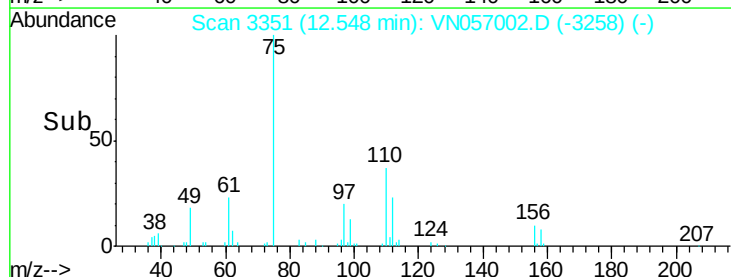
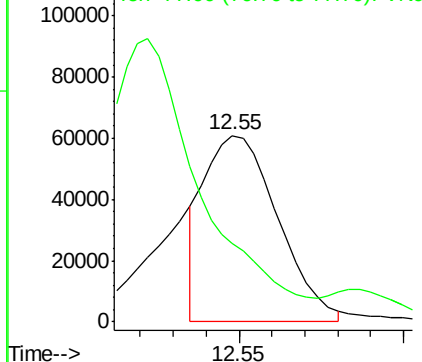
Lab File: VN057002.D

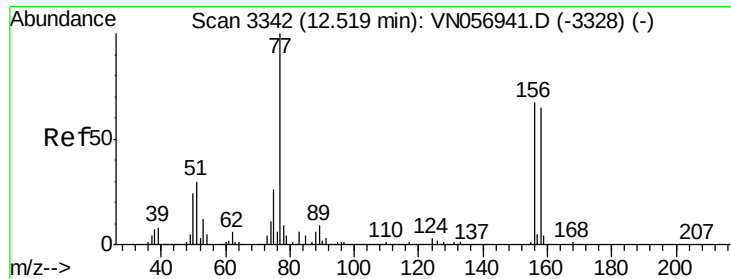
Acq: 31 Jul 2019 10:25

Tgt Ion:	75	Resp:	94458
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057002.D (-3258) (-)





#77

Bromobenzene

Concen: 20.522 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

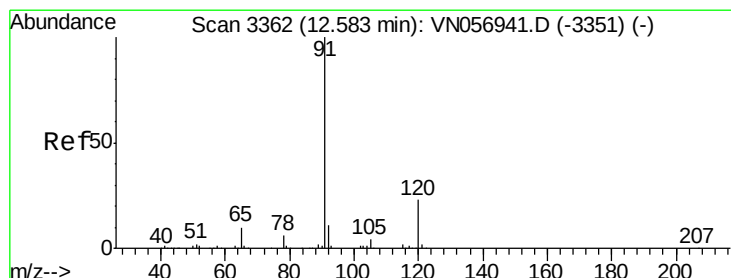
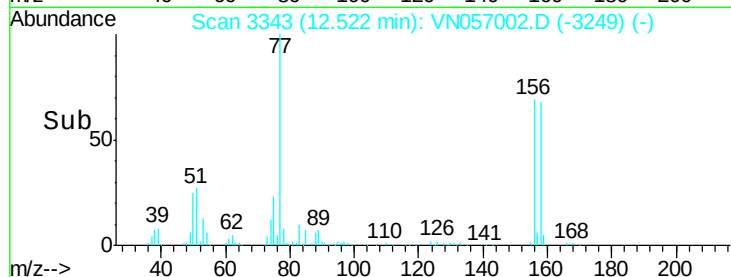
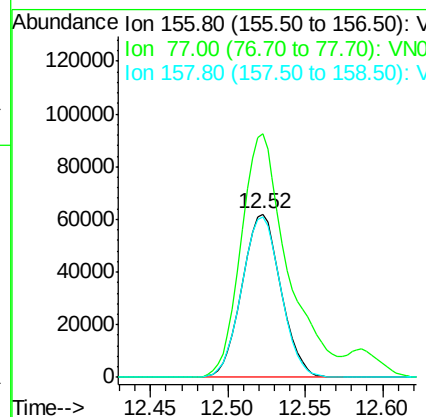
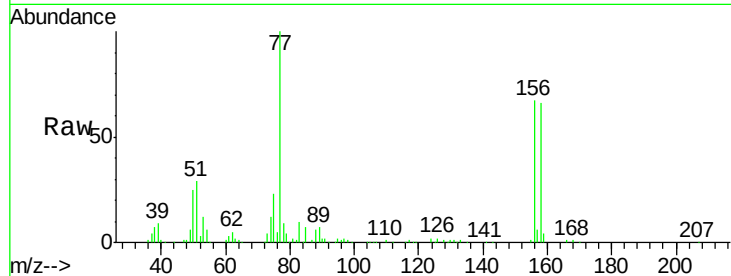
ClientSampled :

VN0731WBS01

Tot Ion:	156	Resp:	108723
Ion Ratio	Lower	Upper	
156	100		
77	178.6	89.5	268.5
158	98.8	48.4	145.3

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#78

n-propylbenzene

Concen: 20.488 ug/l

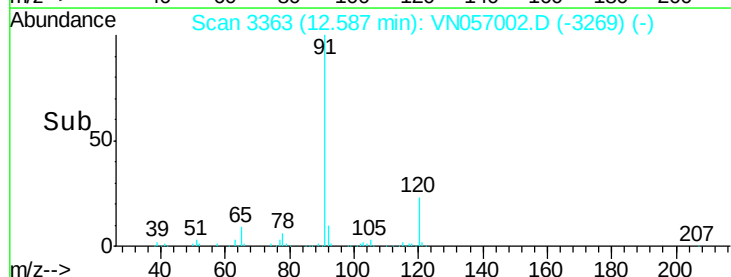
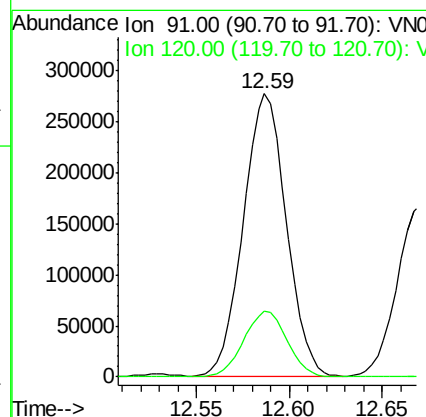
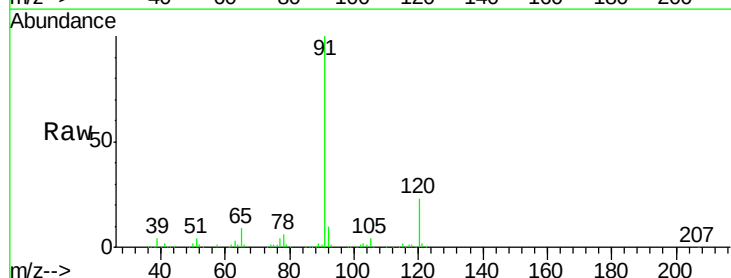
RT: 12.59 min Scan# 3363

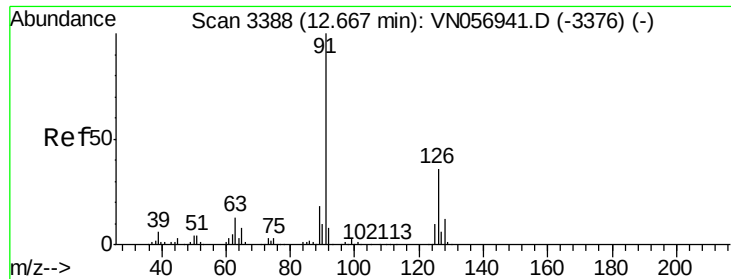
Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	91	Resp:	444055
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 20.571 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 91 Resp: 274542

Ion Ratio Lower Upper

91 100

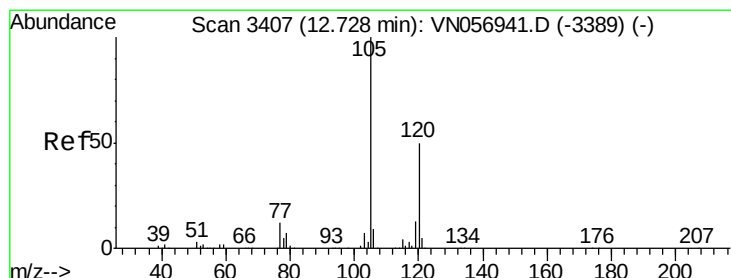
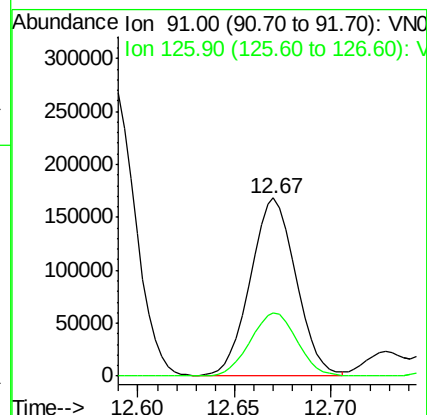
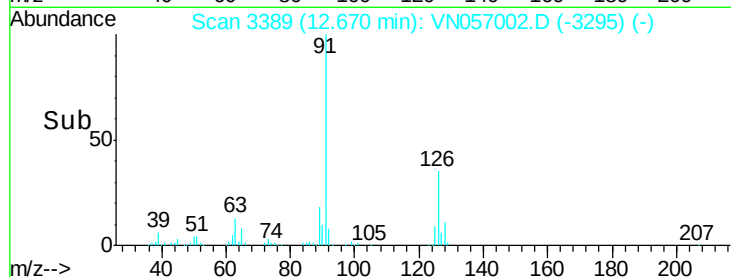
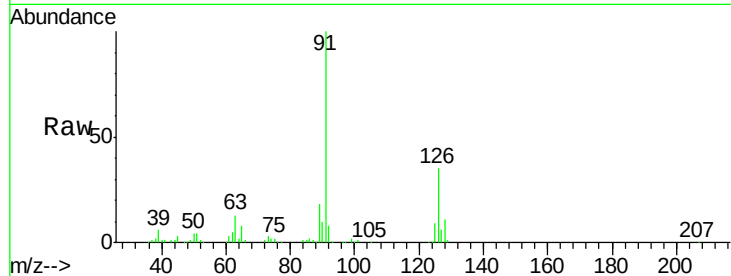
126 36.5 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.535 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057002.D

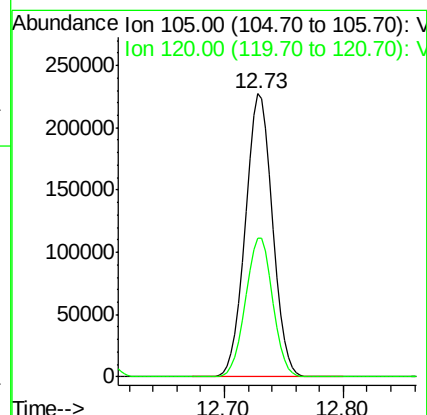
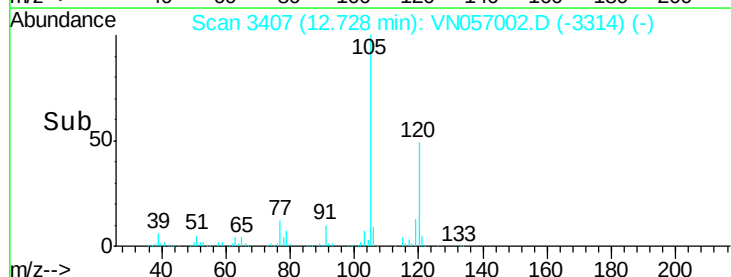
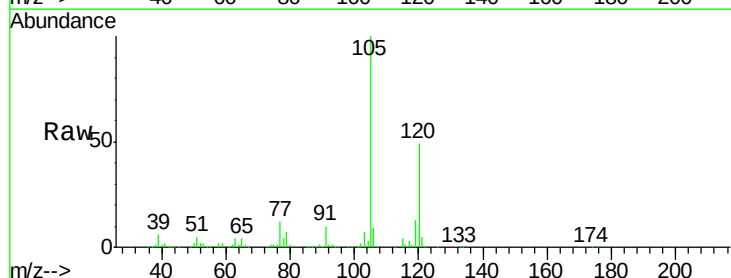
Acq: 31 Jul 2019 10:25

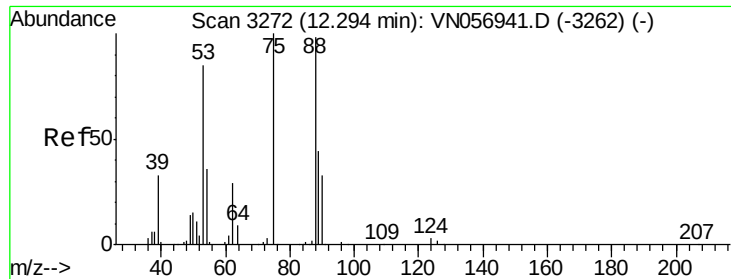
Tgt Ion: 105 Resp: 358769

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.227 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

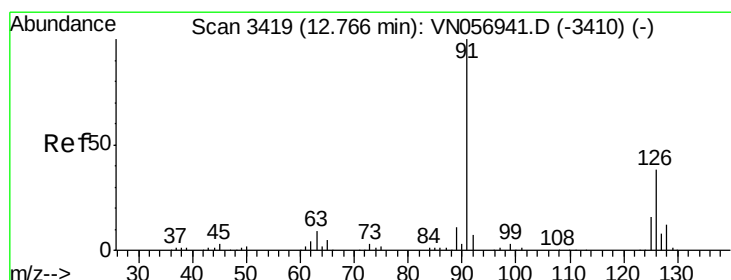
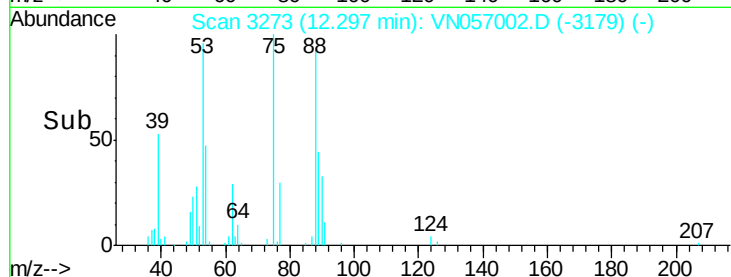
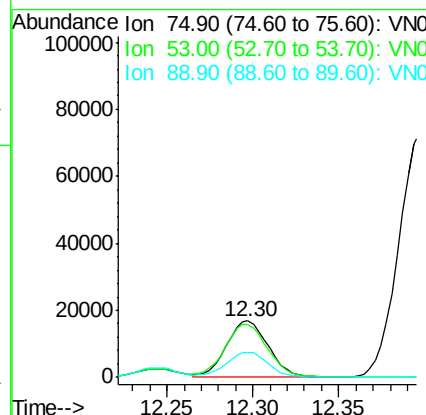
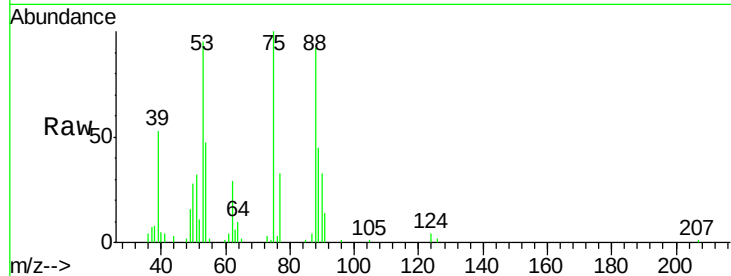
ClientSampleId :

VN0731WBS01

Tot Ion:	75	Resp:	28544
Ion	Ratio	Lower	Upper
75	100		
53	97.5	69.3	103.9
89	45.5	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.490 ug/l

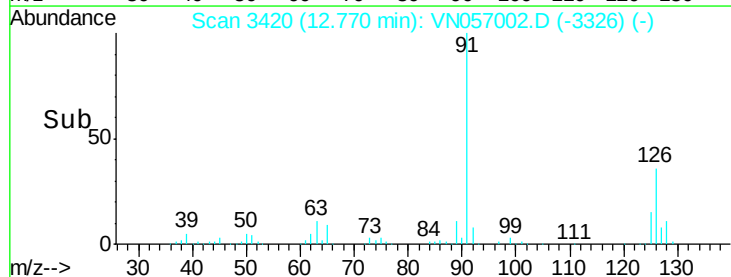
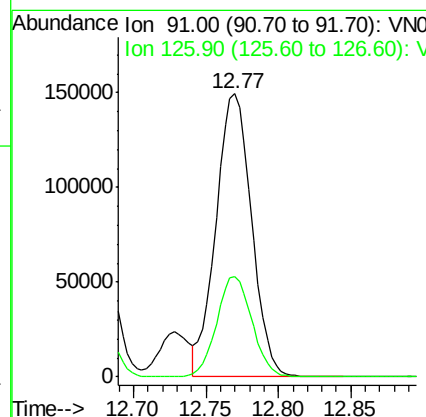
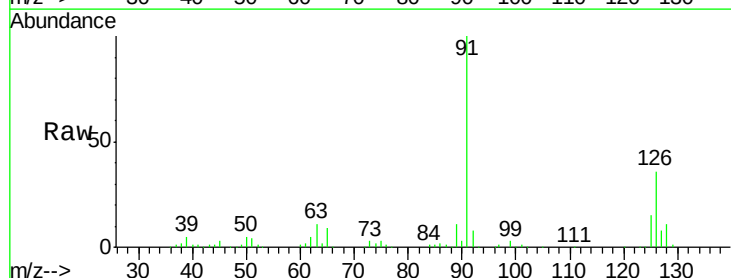
RT: 12.77 min Scan# 3420

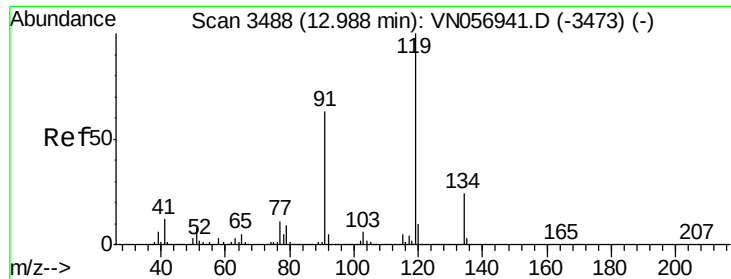
Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	91	Resp:	255904
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.5	52.5





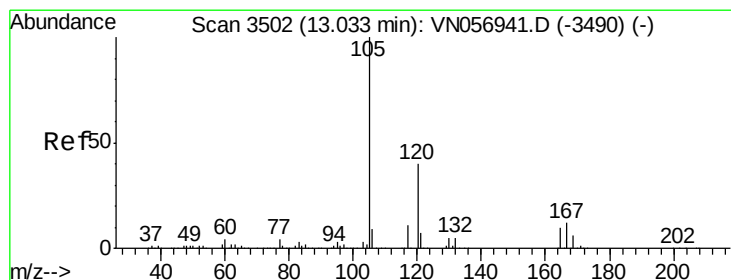
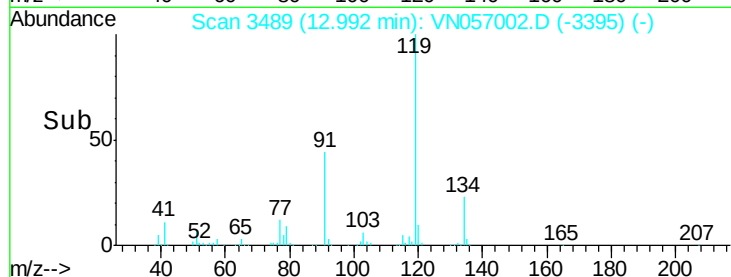
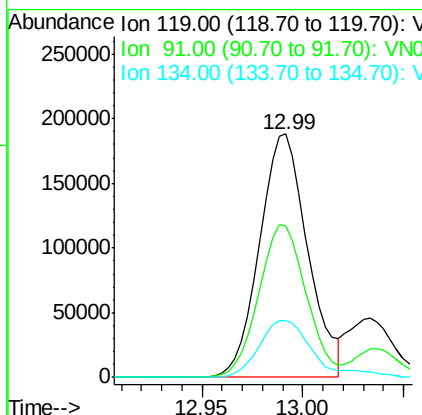
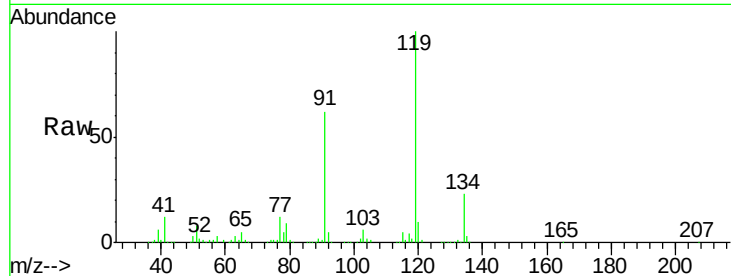
#83
 tert-Butylbenzene
 Concen: 21.233 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	313148		
91	61.8		31.3	93.8
134	26.2		13.3	39.8

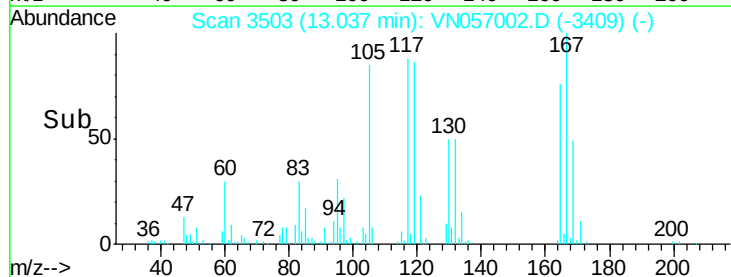
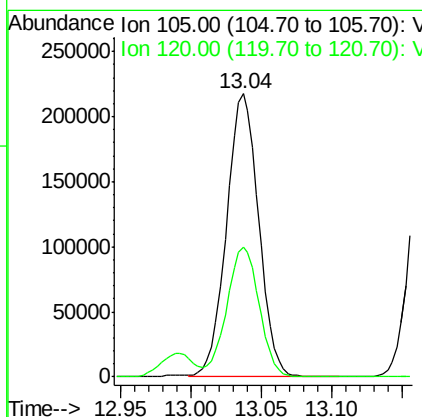
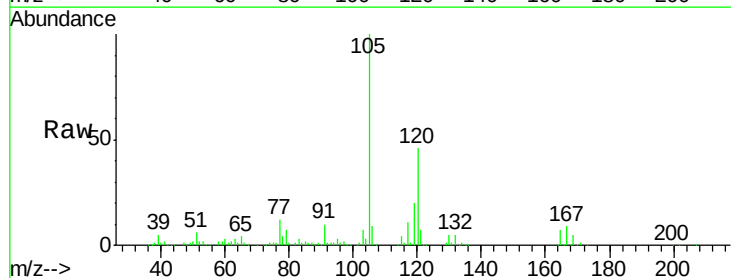
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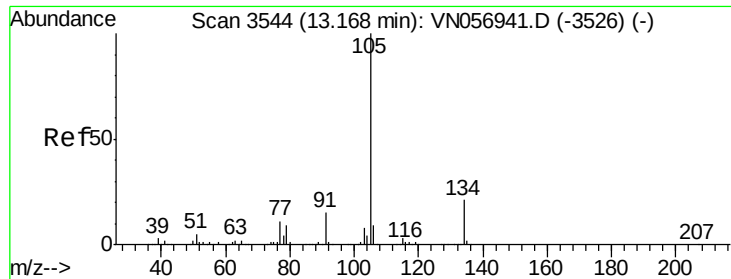
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.612 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	346454		
120	46.2		23.2	69.6





#85

sec-Butylbenzene

Concen: 20.747 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion:105 Resp: 394683

Ion Ratio Lower Upper

105 100

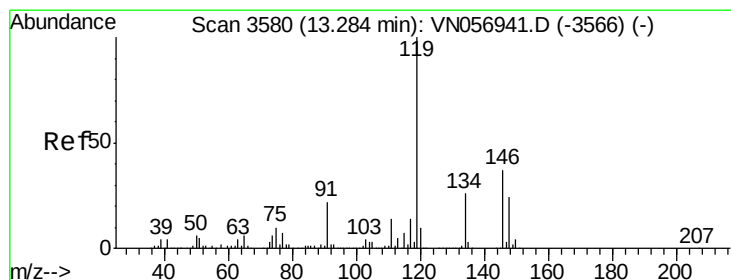
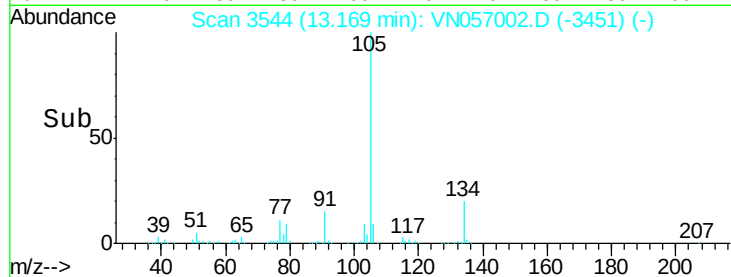
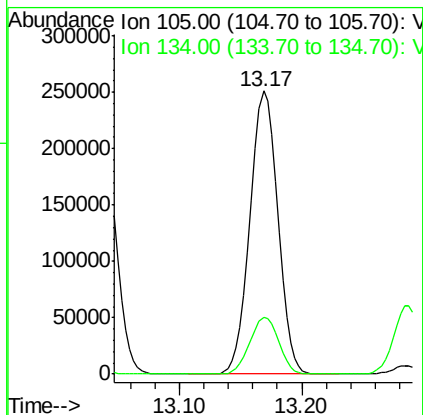
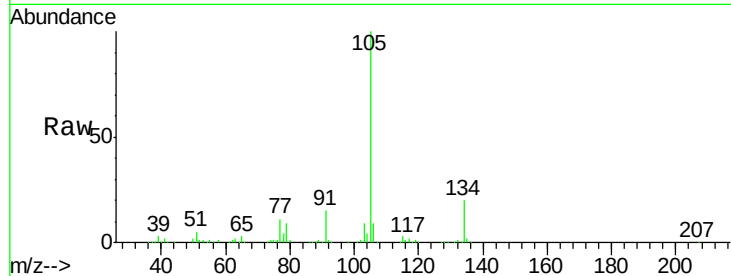
134 20.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.934 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

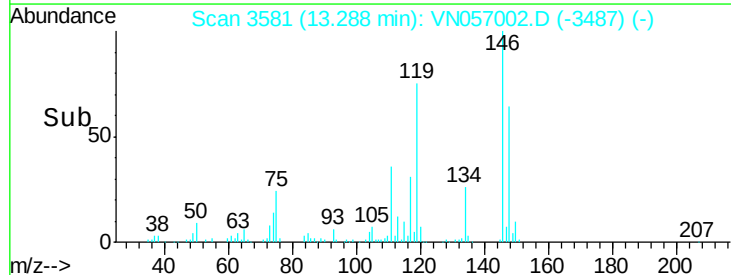
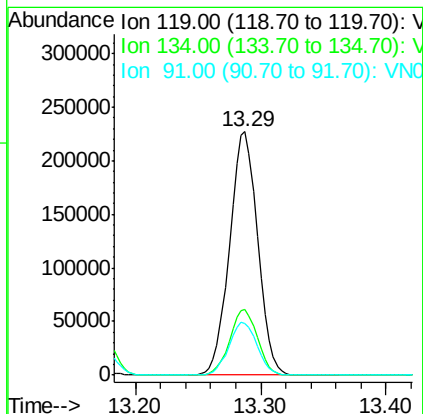
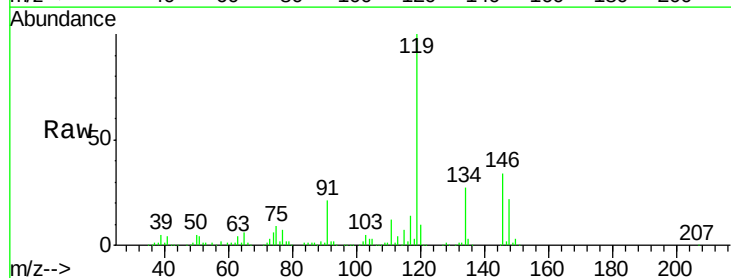
Tgt Ion:119 Resp: 353557

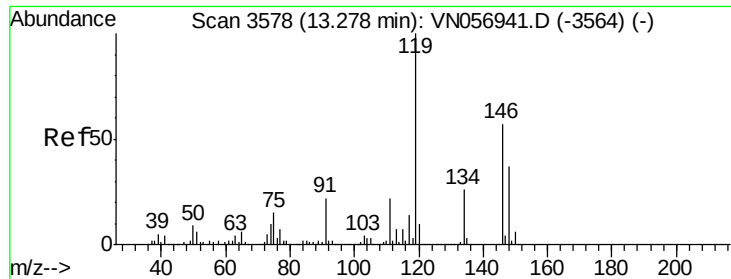
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.0 11.0 33.0





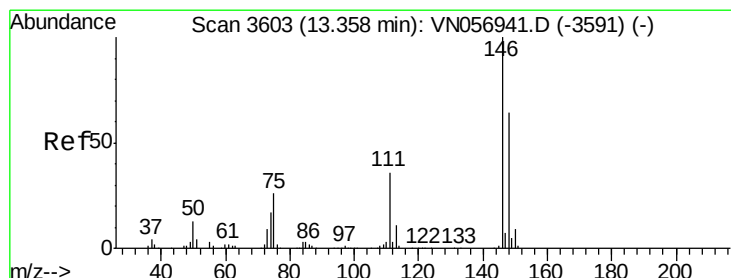
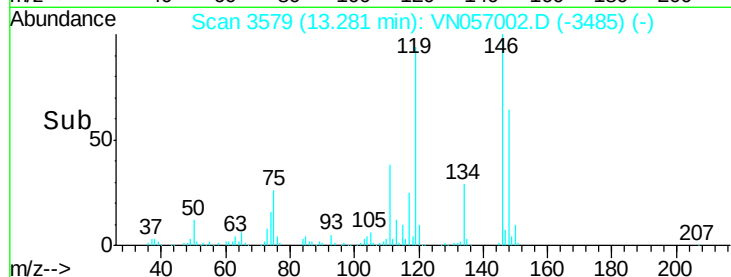
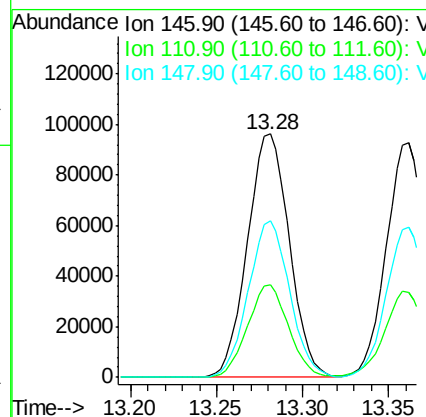
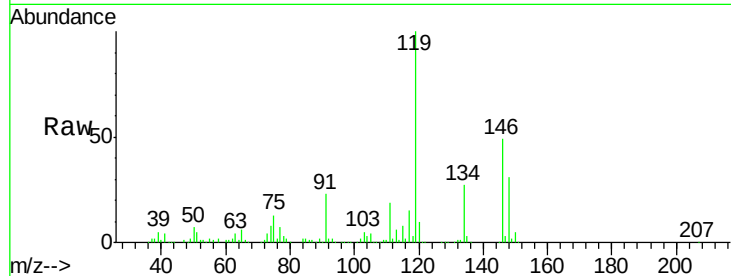
#87
 1,3-Dichlorobenzene
 Concen: 20.150 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.5	32.2	96.6

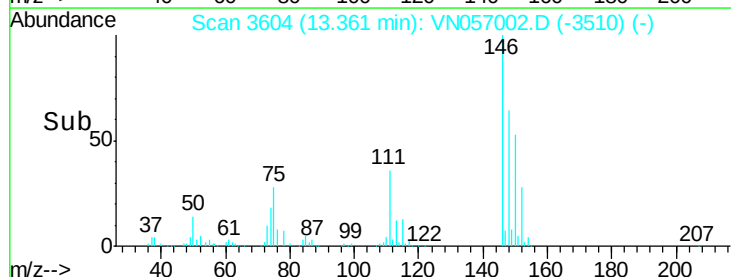
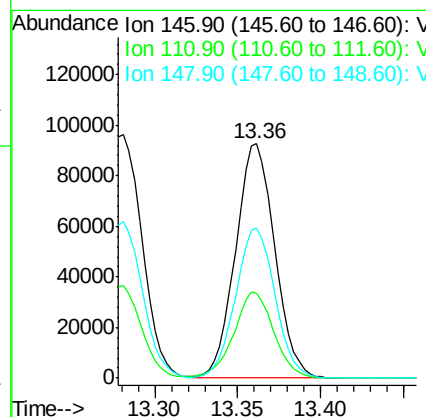
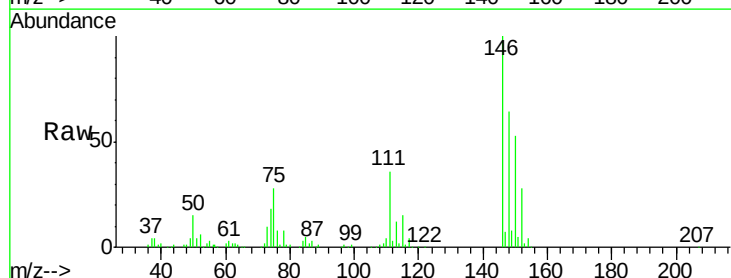
Manual Integrations
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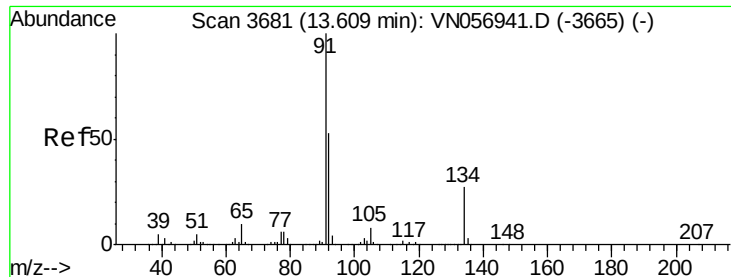
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#88
 1,4-Dichlorobenzene
 Concen: 19.691 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	64.3	32.3	96.9





#89

n-Butylbenzene

Concen: 19.817 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

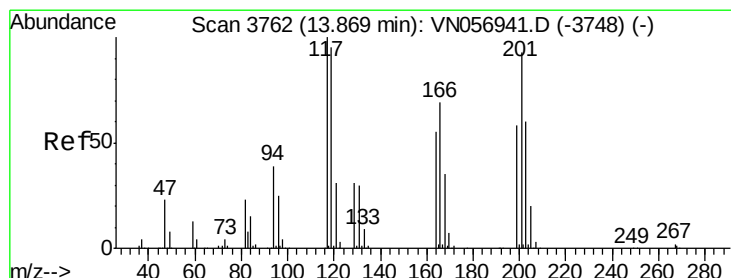
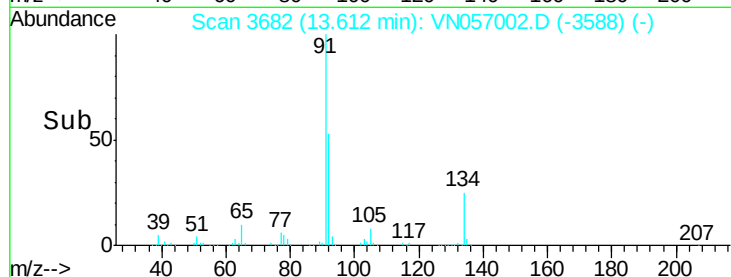
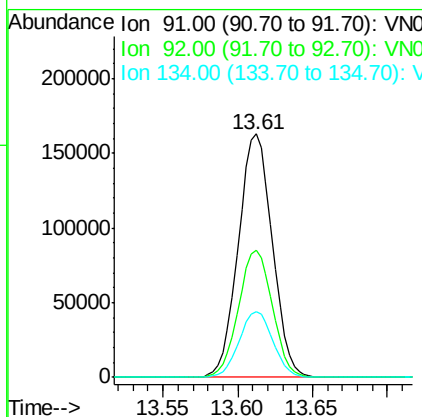
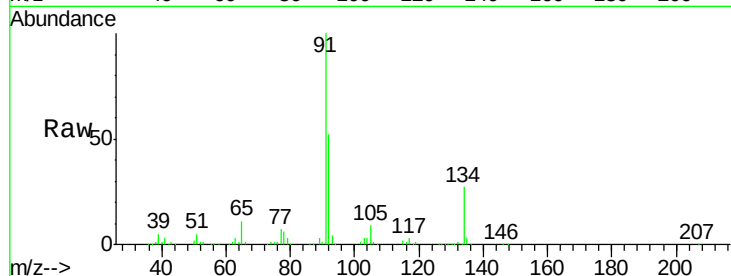
ClientSampled :

VN0731WBS01

Tot Ion:	91	Resp:	257951
Ion Ratio	Lower	Upper	
91	100		
92	52.0	26.2	78.5
134	27.0	13.5	40.4

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#90

Hexachloroethane

Concen: 19.954 ug/l

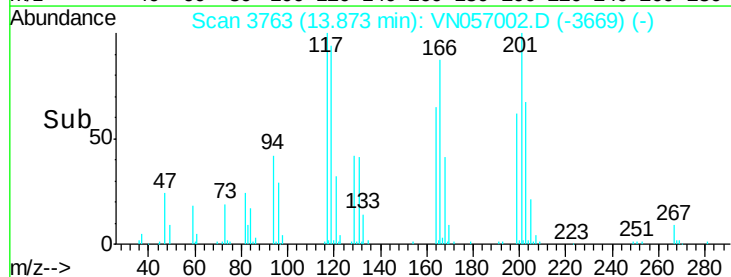
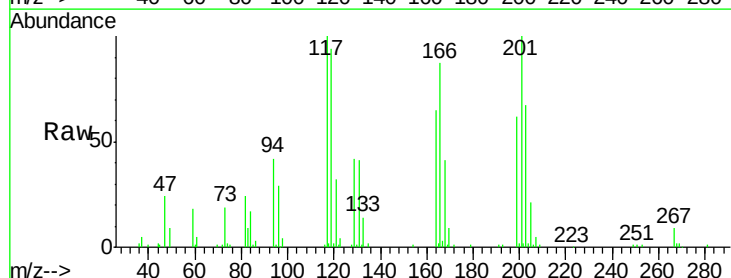
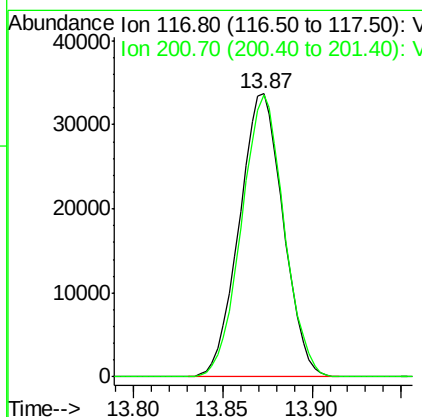
RT: 13.87 min Scan# 3763

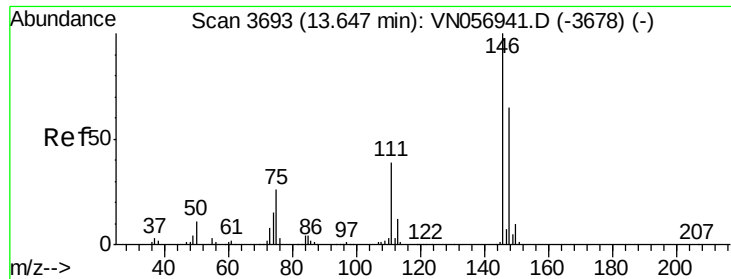
Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	117	Resp:	58030
Ion Ratio	Lower	Upper	
117	100		
201	96.5	47.0	141.2





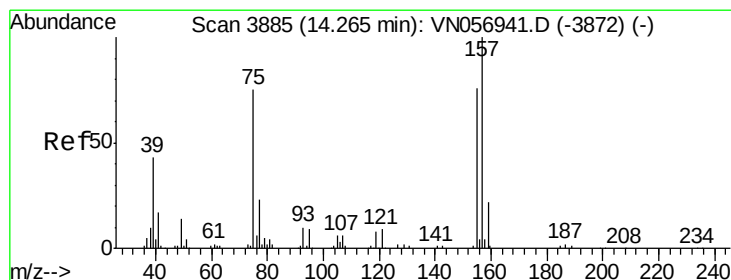
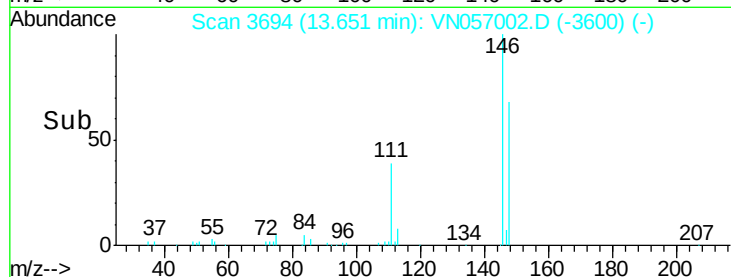
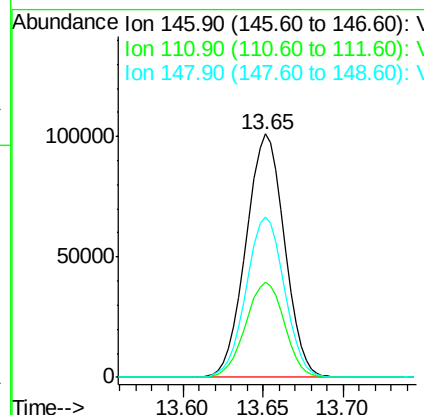
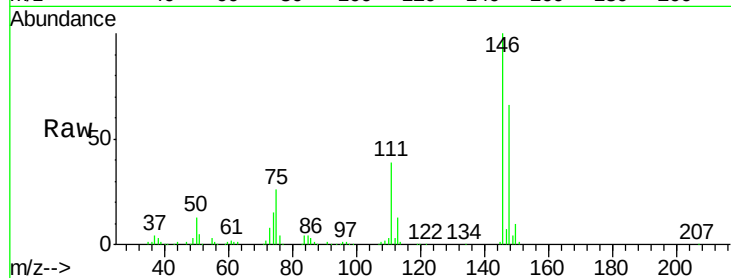
#91
 1,2-Dichlorobenzene
 Concen: 20.947 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.4
148	65.6	32.2	96.6

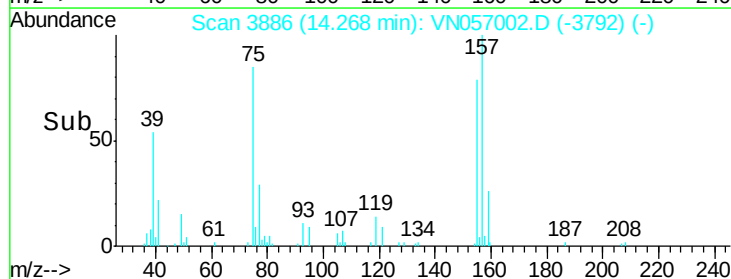
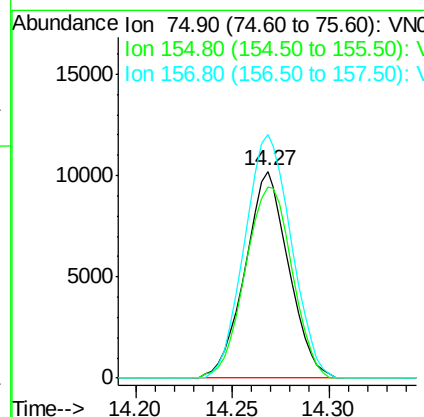
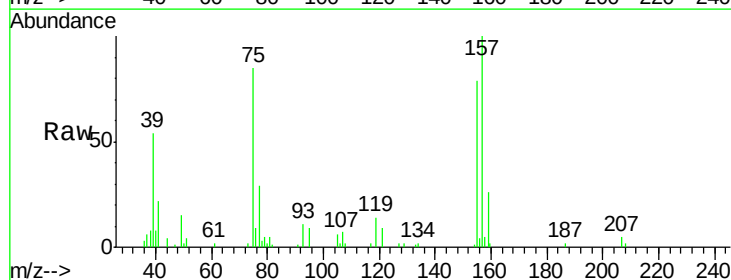
Manual Integrations
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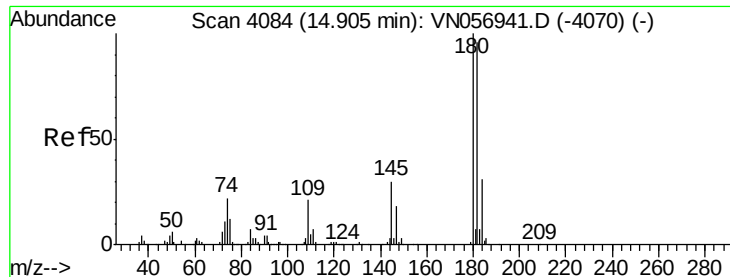
MMdadoda
 8/2/2019 10:54:21 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.814 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	50.2	150.6
157	126.0	65.1	195.4





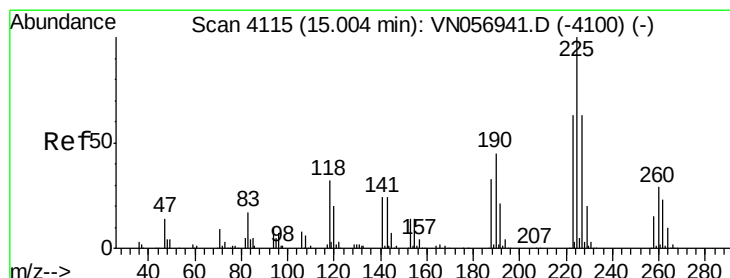
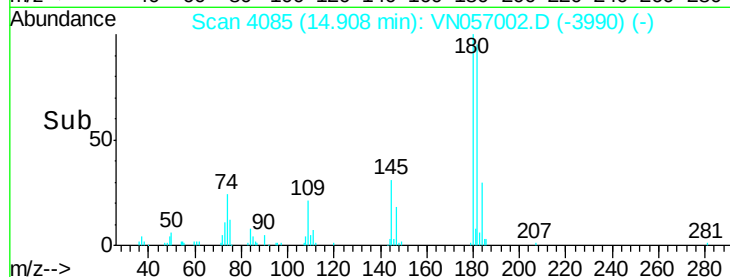
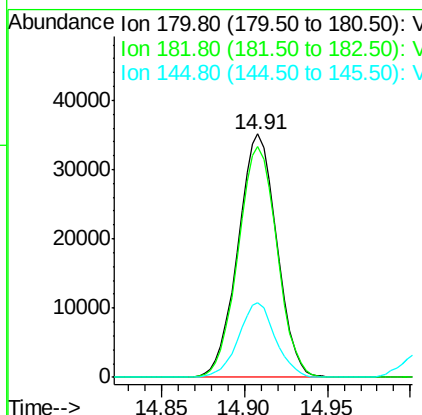
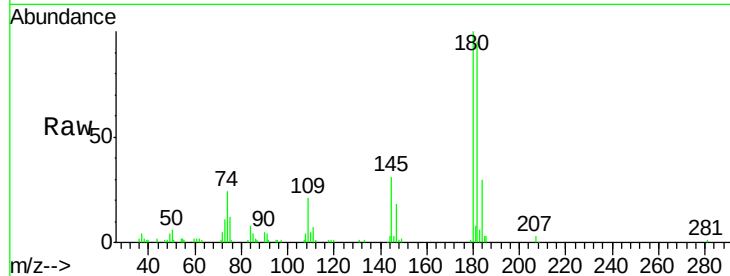
#93
 1,2,4-Trichlorobenzene
 Concen: 15.907 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	29.0	14.2	42.8

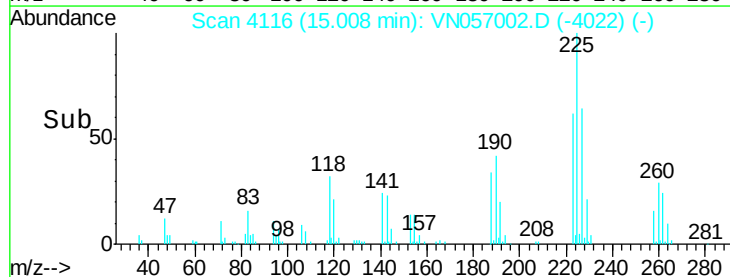
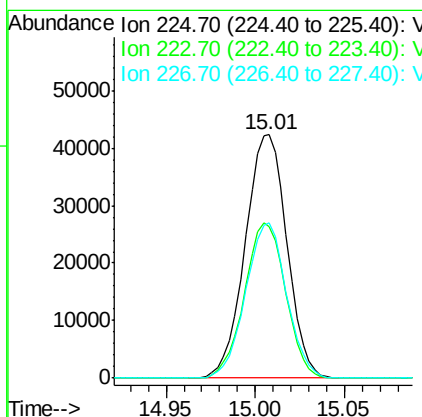
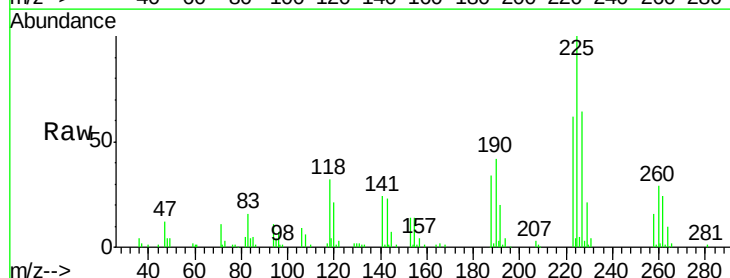
Manual Integrations
 APPROVED

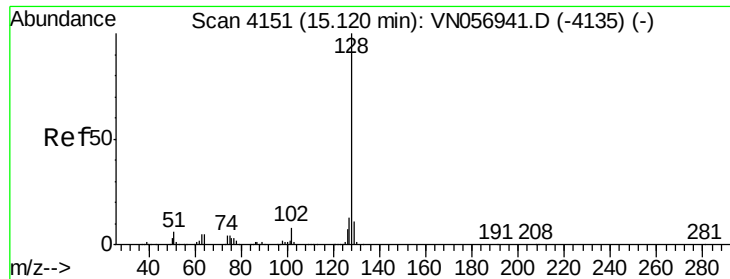
MMdadoda
 8/2/2019 10:54:21 PM



#94
 Hexachlorobutadiene
 Concen: 23.160 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.8	92.4
227	62.3	31.1	93.5





#95

Naphthalene

Concen: 16.335 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

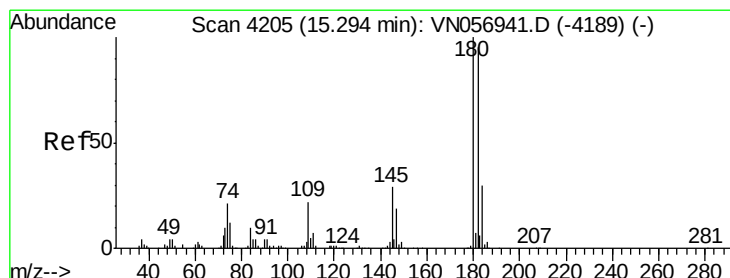
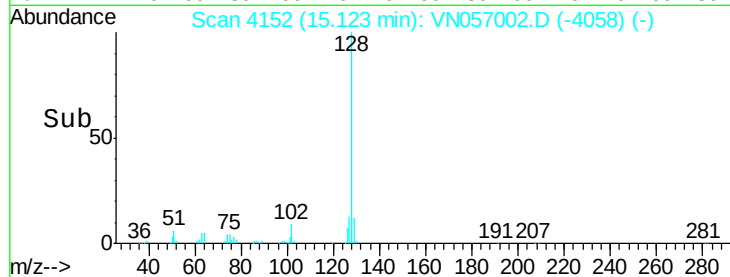
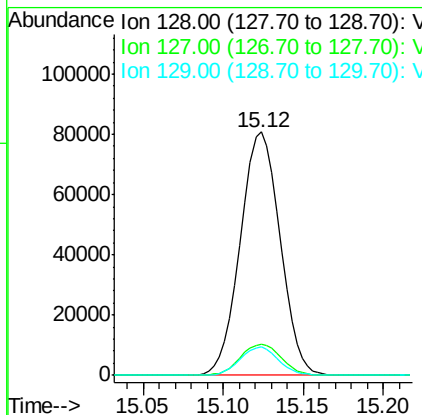
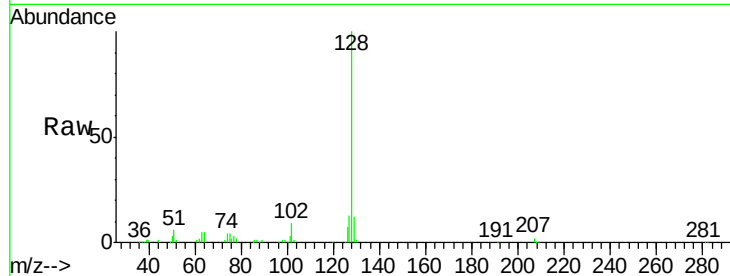
ClientSampled :

VN0731WBS01

Tot Ion:	128	Resp:	137041
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMdadoda
8/2/2019 10:54:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.614 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion:	180	Resp:	67104
Ion Ratio	Lower	Upper	
180	100		
182	93.5	48.0	144.2
145	29.9	15.0	45.0

