

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023239.D
 Acq On : 05 Nov 2021 17:57
 Operator : SY/MD
 Sample : M4535-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:17:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41164	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	35216	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.111	63	79027	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.899	46	80028	61.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.560%
24) Chloroform-d	4.352	84	93224	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.037	65	41629	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	175061	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.072	67	51943	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	165748	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.625	79	18226	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.091	63	77530	55.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37699	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	61595	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	66437	4.979	ug/L	99
3) Chloromethane	1.240	50	58681	5.172	ug/L	99
5) Vinyl chloride	1.310	62	58004	5.119	ug/L	98
6) Bromomethane	1.523	94	36012	4.972	ug/L	98
8) Chloroethane	1.584	64	32910	5.033	ug/L	97
9) Trichlorofluoromethane	1.754	101	84141	4.942	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	43126	5.031	ug/L	97
12) 1,1-Dichloroethene	2.121	96	41020	5.026	ug/L	97
13) Acetone	2.188	43	47211	49.303	ug/L	80
14) Carbon disulfide	2.294	76	151093	4.906	ug/L	100
15) Methyl Acetate	2.442	43	11575	3.161	ug/L #	88
16) Methylene chloride	2.506	84	49043	4.118	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	97128	5.407	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	50142	4.998	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88325	5.214	ug/L	98
21) 2-Butanone	3.982	43	72628	58.736	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	51227	5.306	ug/L	98
23) Bromochloromethane	4.252	128	22834	5.129	ug/L	95
25) Chloroform	4.378	83	92869	5.144	ug/L	98

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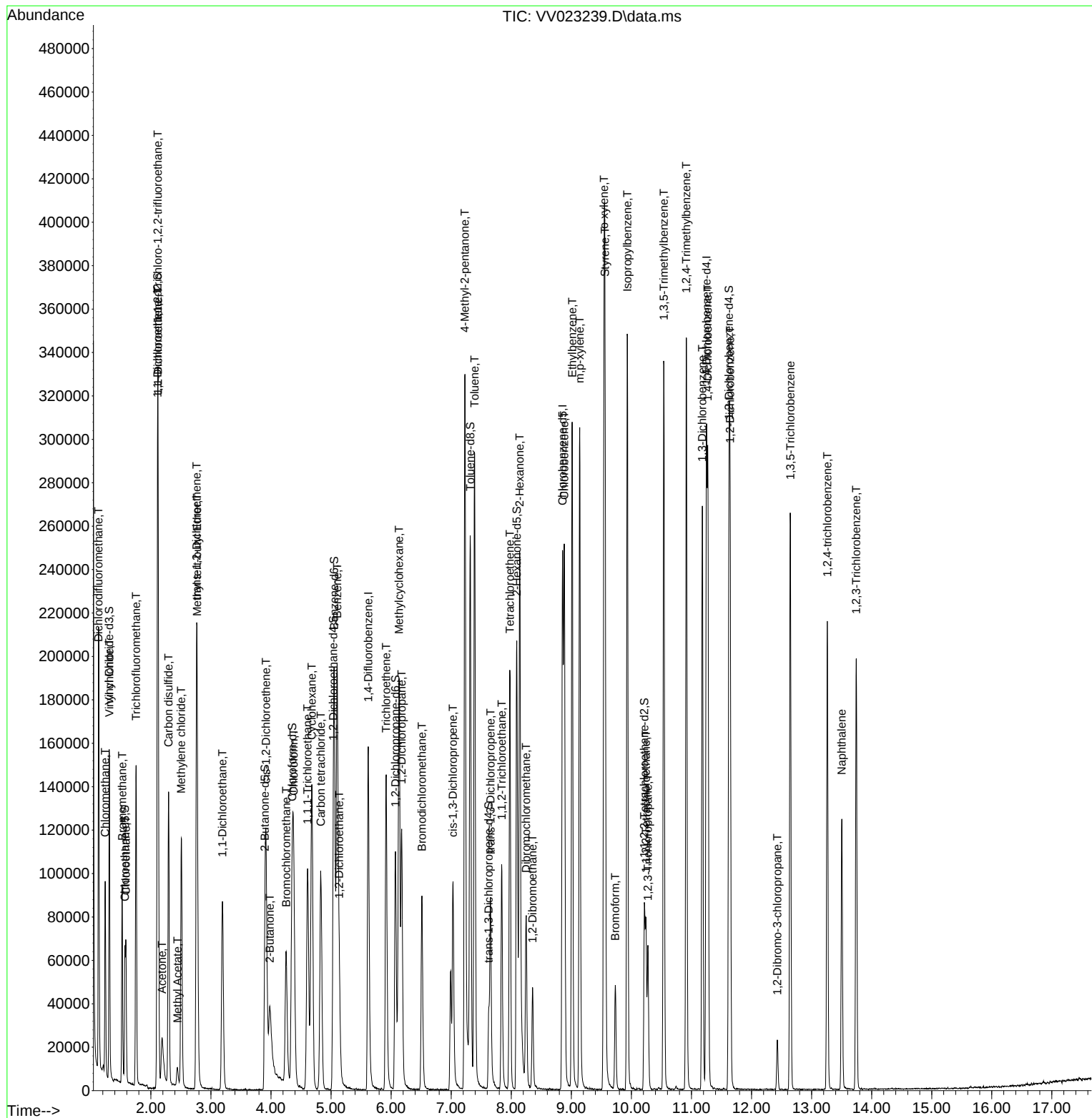
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27) 1,2-Dichloroethane	5.137	62	48011	4.999	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	83660	5.159	ug/L	98
30) Cyclohexane	4.680	56	72563	4.994	ug/L	99
31) Carbon tetrachloride	4.828	117	74829	5.138	ug/L	100
33) Benzene	5.101	78	195251	5.232	ug/L	100
34) Trichloroethene	5.915	95	50372	5.076	ug/L	96
35) Methylcyclohexane	6.133	83	76328	4.873	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46637	5.354	ug/L	100
38) Bromodichloromethane	6.513	83	60075	5.146	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	59331	4.735	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	231207	57.225	ug/L	98
42) Toluene	7.387	91	216659	5.428	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	50690	4.876	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31799	5.080	ug/L	97
47) Tetrachloroethene	7.979	164	43540	5.063	ug/L	97
48) 2-Hexanone	8.140	43	166275	57.380	ug/L	98
49) Dibromochloromethane	8.246	129	40888	5.155	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30171	5.201	ug/L #	97
51) Chlorobenzene	8.882	112	133650	5.038	ug/L	99
52) Ethylbenzene	9.014	91	215996	5.131	ug/L	99
53) m,p-xylene	9.140	106	86333	5.226	ug/L	98
54) o-xylene	9.545	106	81012	5.227	ug/L	98
55) Styrene	9.561	104	137276	5.170	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	36072	5.260	ug/L	96
59) Bromoform	9.731	173	22058	5.017	ug/L	99
60) Isopropylbenzene	9.934	105	217992	5.161	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25862	5.289	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	176516	5.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181973	5.220	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	110034	5.098	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	110242	5.002	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99613	5.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5303	5.091	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	81914	4.848	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64528	4.769	ug/L	100
71) Naphthalene	13.503	128	97752	4.899	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	59151	4.996	ug/L	100

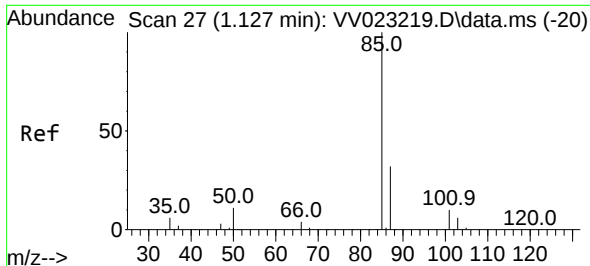
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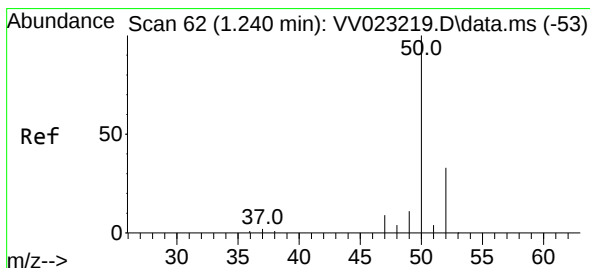
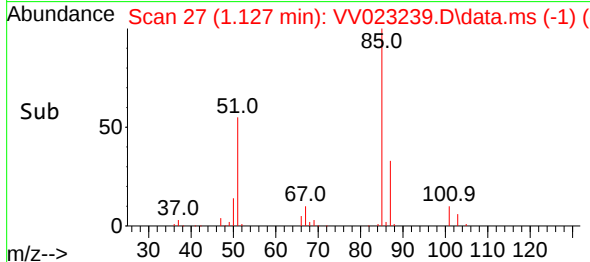
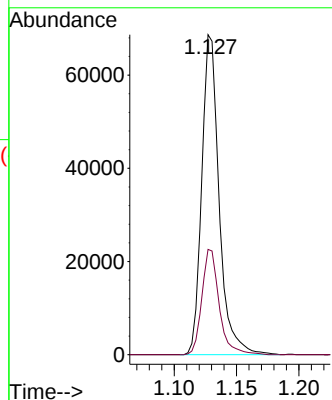
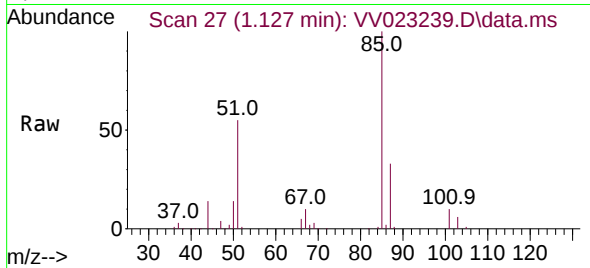




#2
 Dichlorodifluoromethane
 Concen: 4.979 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

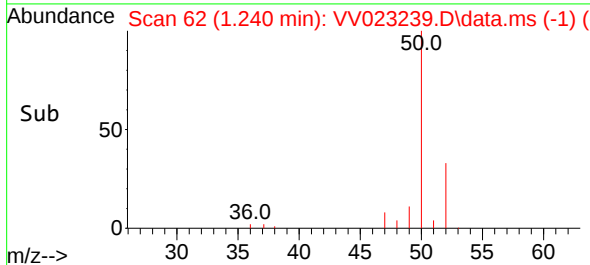
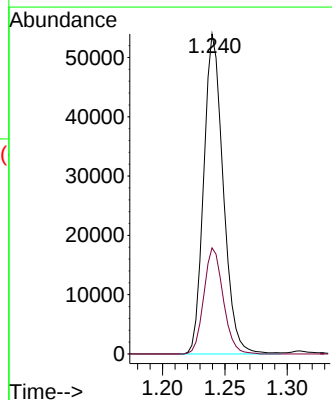
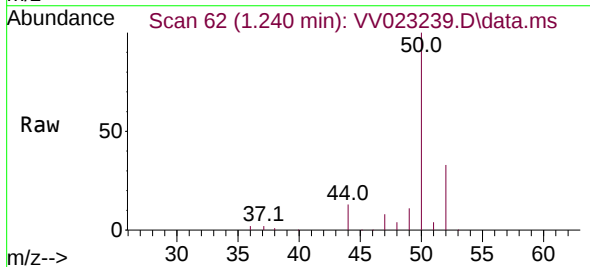
Instrument :
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 ClientSampleId :

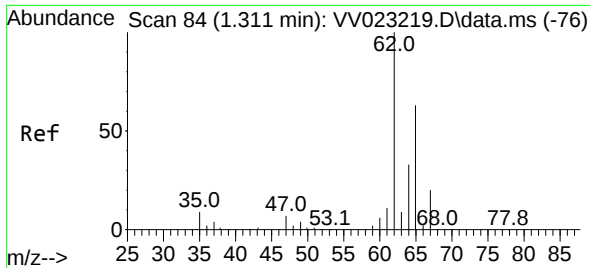
Tgt Ion: 85 Resp: 66437
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.172 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Tgt Ion: 50 Resp: 58681
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9

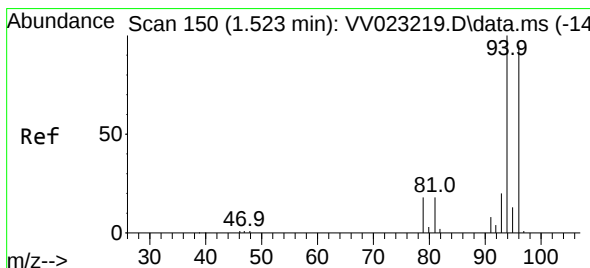
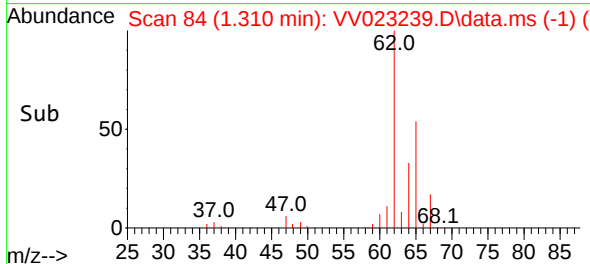
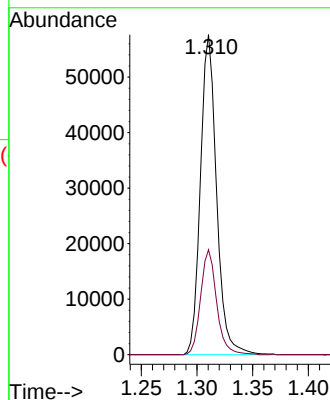
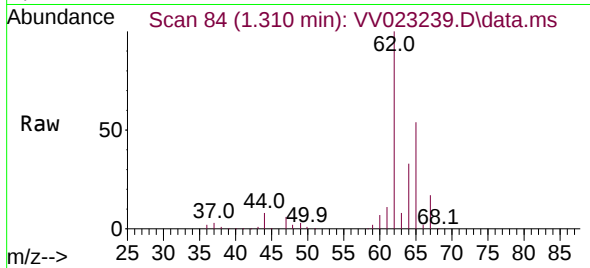




#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

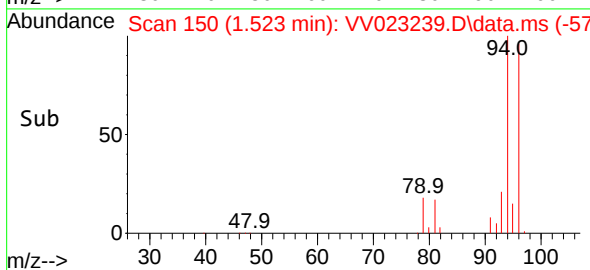
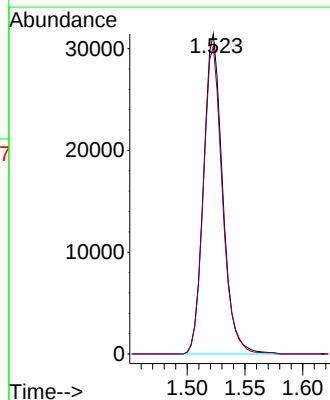
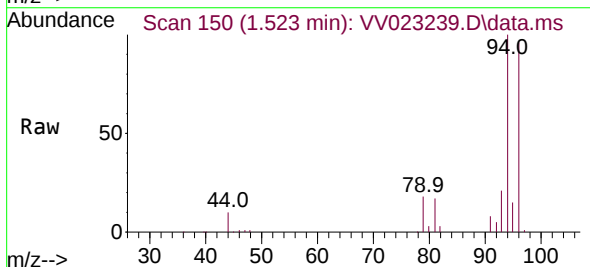
Instrument :
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 ClientSampleId :

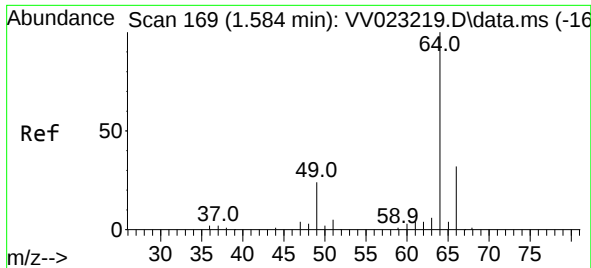
Tgt Ion: 62 Resp: 58004
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#6
 Bromomethane
 Concen: 4.972 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Tgt Ion: 94 Resp: 36012
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.7 122.1

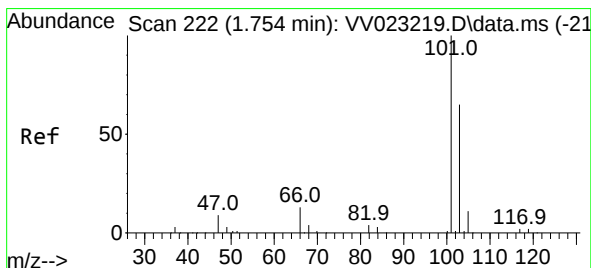
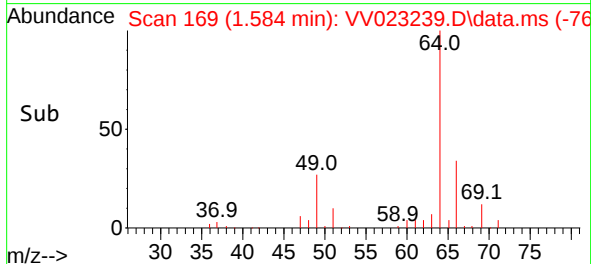
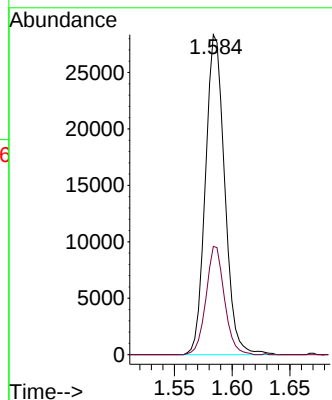
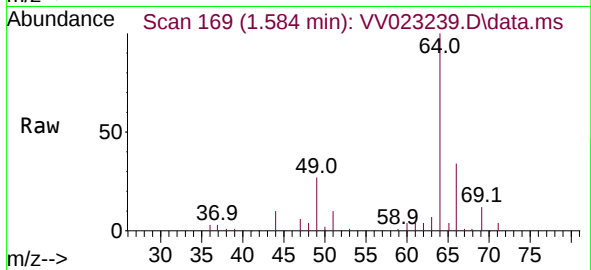




#8
Chloroethane
Concen: 5.033 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

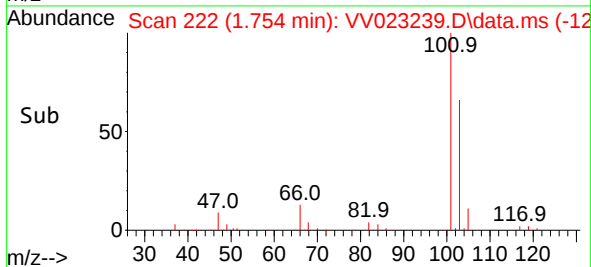
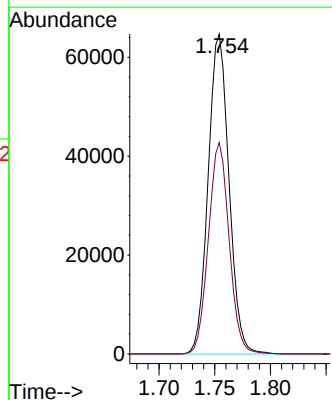
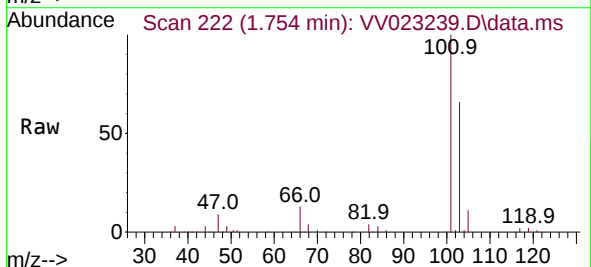
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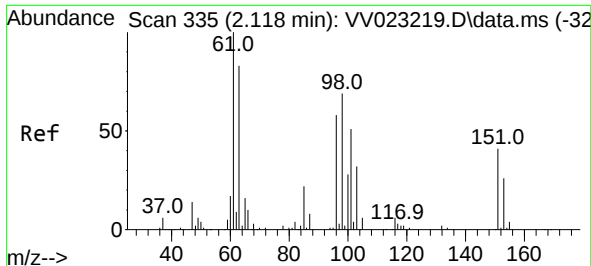
Tgt Ion: 64 Resp: 32910
Ion Ratio Lower Upper
64 100
66 33.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.942 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:101 Resp: 84141
Ion Ratio Lower Upper
101 100
103 65.7 51.9 77.9

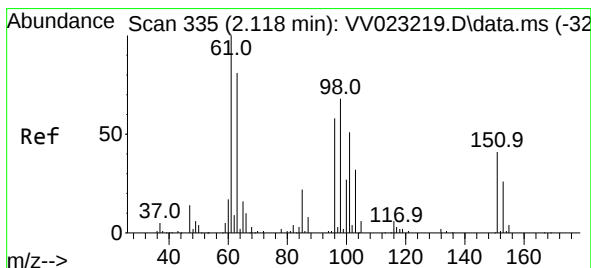
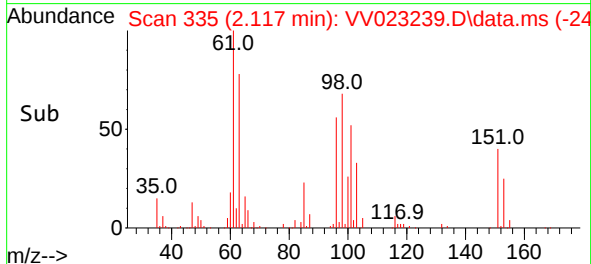
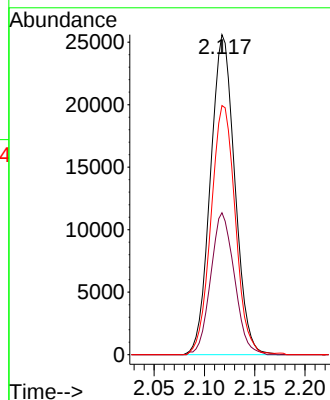
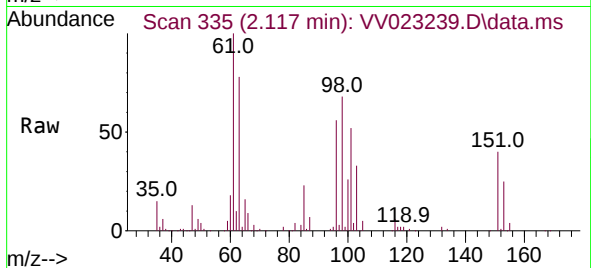




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.031 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

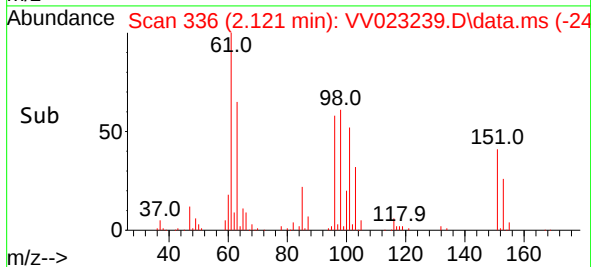
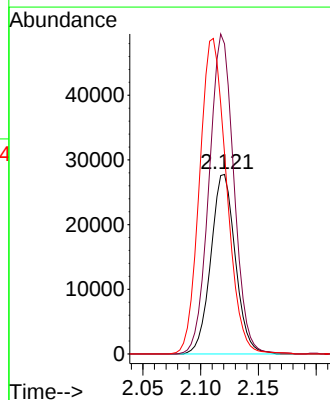
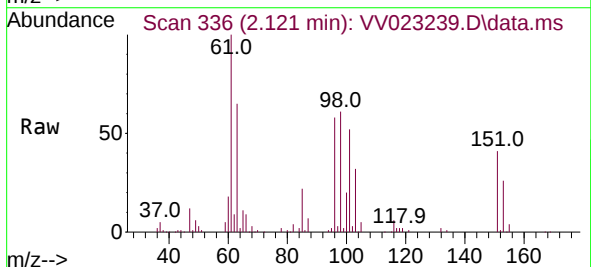
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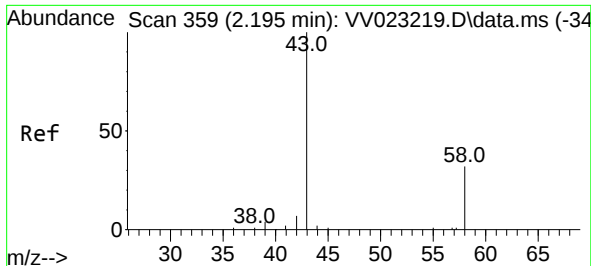
Tgt Ion:101 Resp: 43126
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.4 53.0
 151 77.7 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 5.026 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Tgt Ion: 96 Resp: 41020
 Ion Ratio Lower Upper
 96 100
 61 172.6 117.7 218.7
 63 111.8 80.5 149.5





#13

Acetone

Concen: 49.303 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

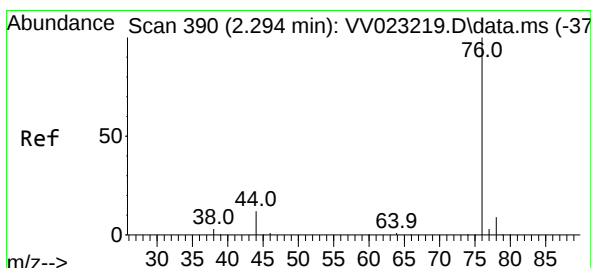
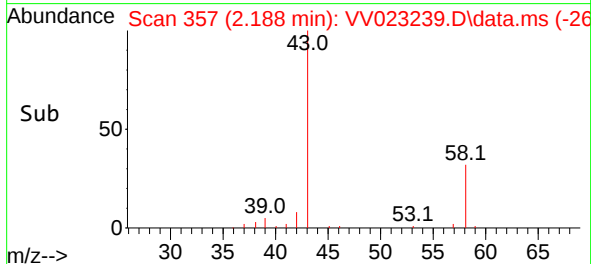
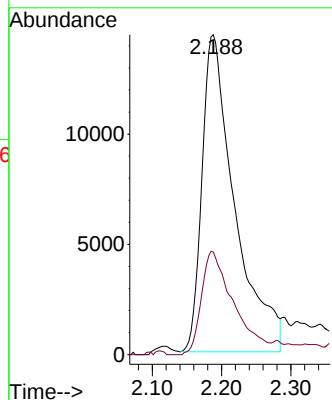
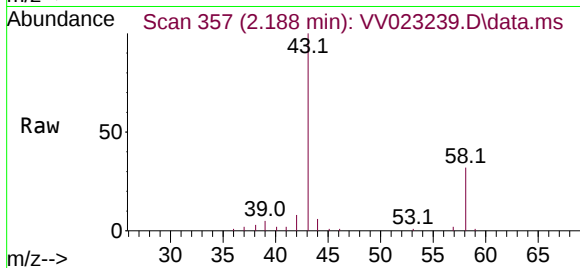
ClientSampleId :

Tgt Ion: 43 Resp: 47211

Ion Ratio Lower Upper

43 100

58 32.4 0.0 45.8



#14

Carbon disulfide

Concen: 4.906 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023239.D

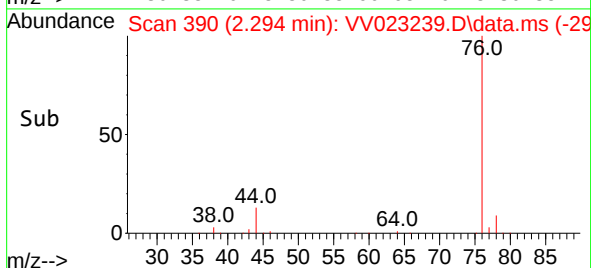
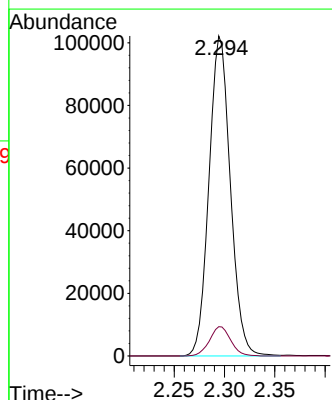
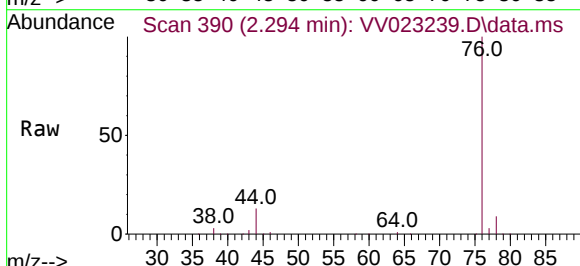
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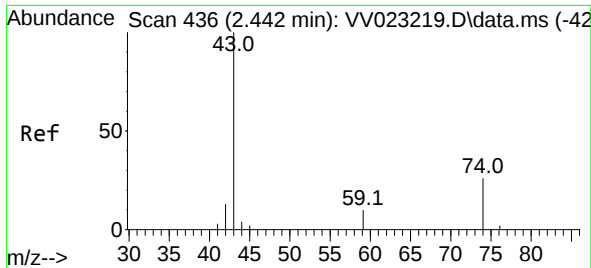
Tgt Ion: 76 Resp: 151093

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

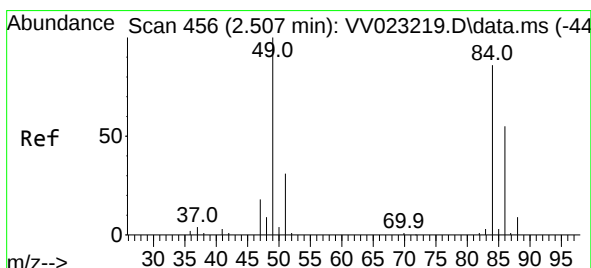
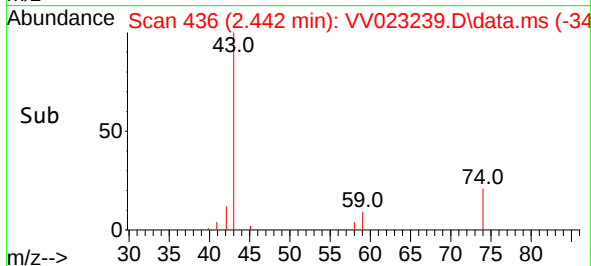
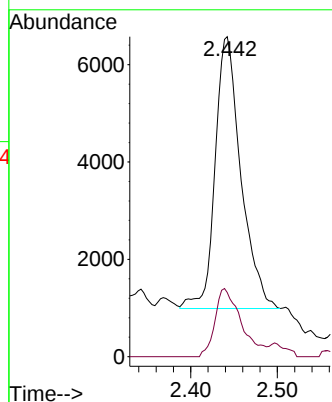
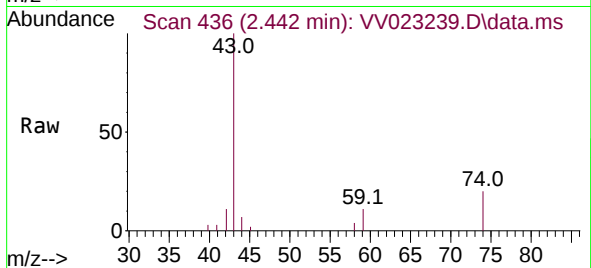




#15
Methyl Acetate
Concen: 3.161 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

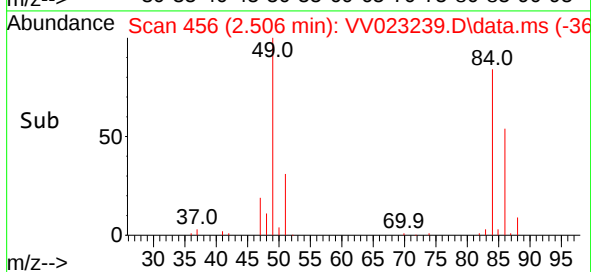
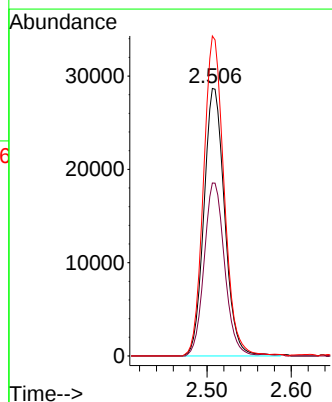
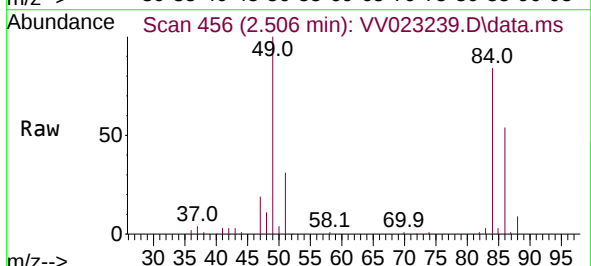
Instrument :
MSVOA_V
ClientSampleId :

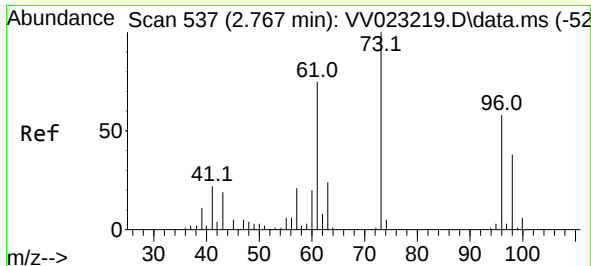
Tgt Ion: 43 Resp: 11575
Ion Ratio Lower Upper
43 100
74 25.5 16.0 24.0#



#16
Methylene chloride
Concen: 4.118 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 84 Resp: 49043
Ion Ratio Lower Upper
84 100
86 64.6 43.3 80.5
49 119.6 84.1 156.1

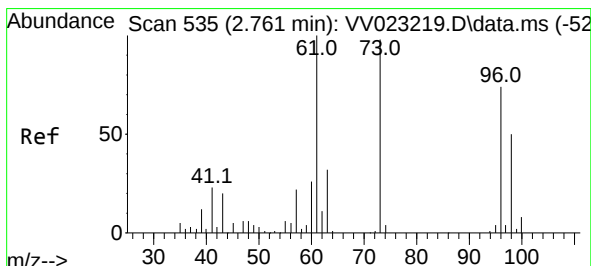
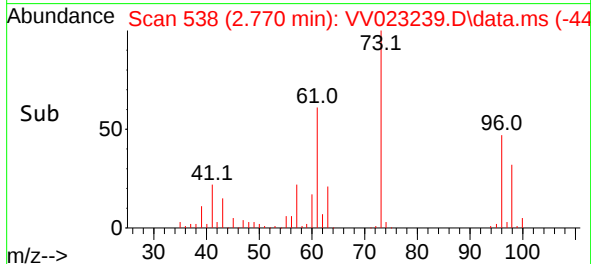
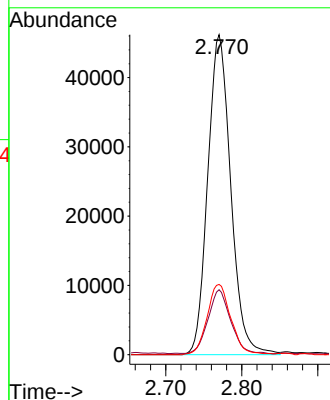
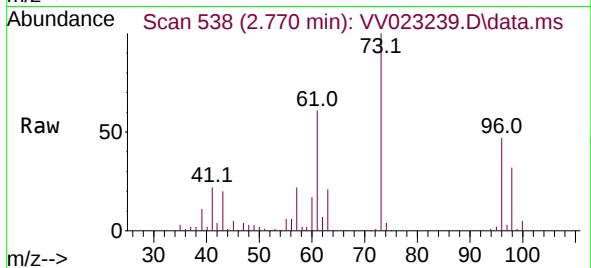




#17
Methyl tert-butyl Ether
Concen: 5.407 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

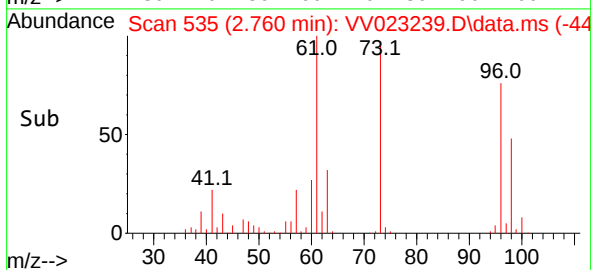
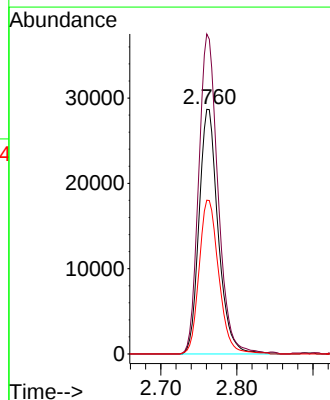
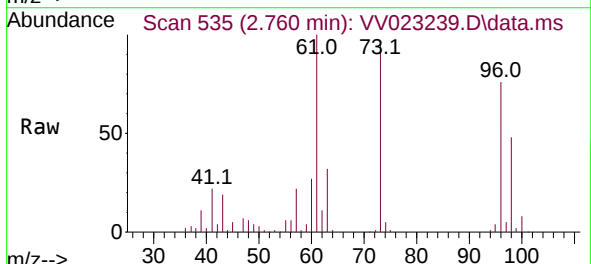
Instrument :
MSVOA_V
ClientSampleId :

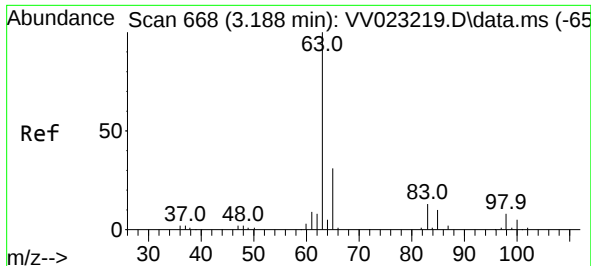
Tgt Ion: 73 Resp: 97128
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 22.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.998 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 96 Resp: 50142
Ion Ratio Lower Upper
96 100
61 130.8 89.2 165.6
98 62.9 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.214 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

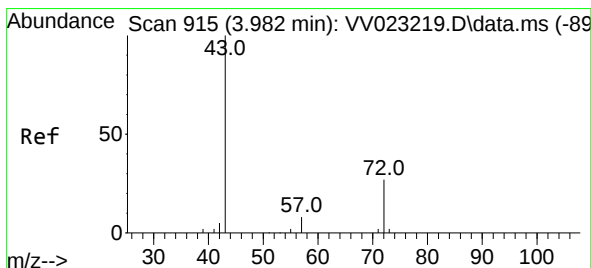
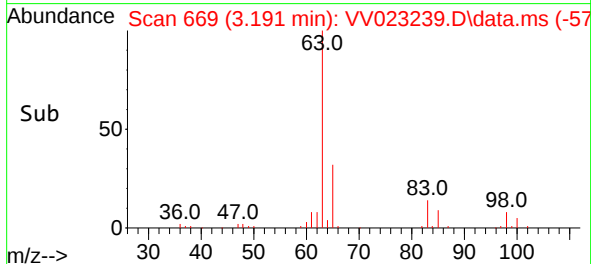
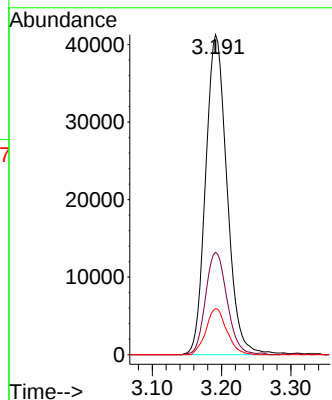
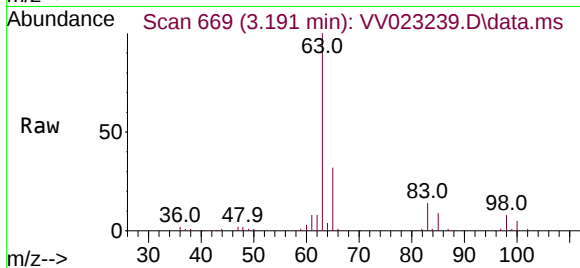
Tgt Ion: 63 Resp: 88325

Ion Ratio Lower Upper

63 100

65 32.0 21.6 40.2

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 58.736 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.000 min

Lab File: VV023239.D

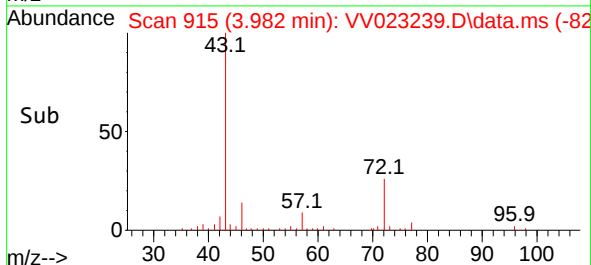
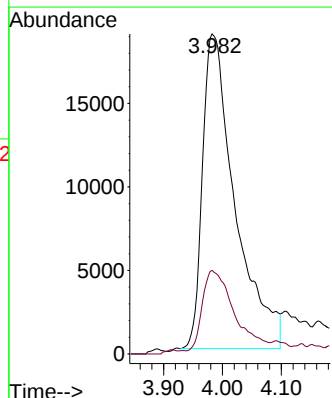
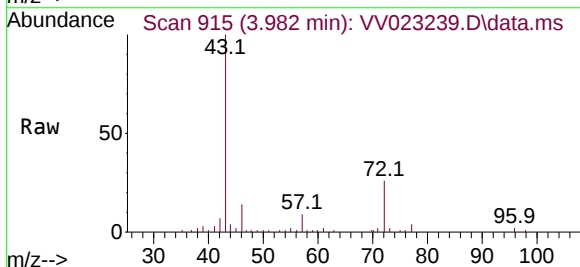
Acq: 05 Nov 2021 17:57

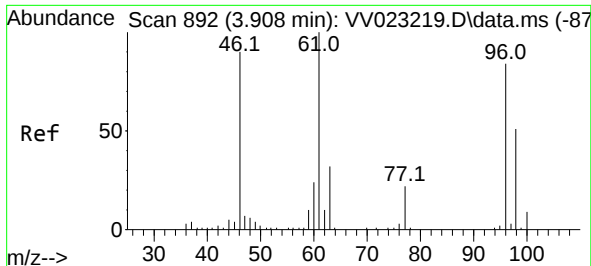
Tgt Ion: 43 Resp: 72628

Ion Ratio Lower Upper

43 100

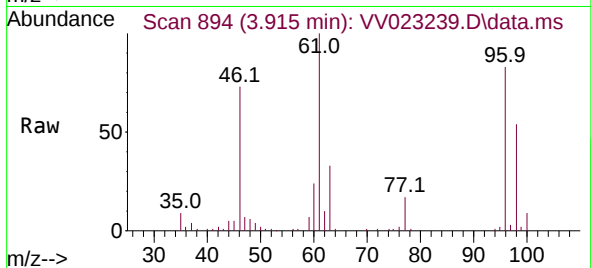
72 25.4 11.6 34.7





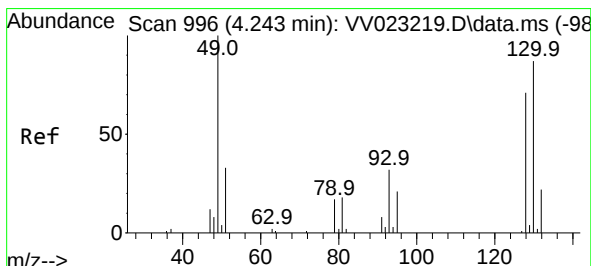
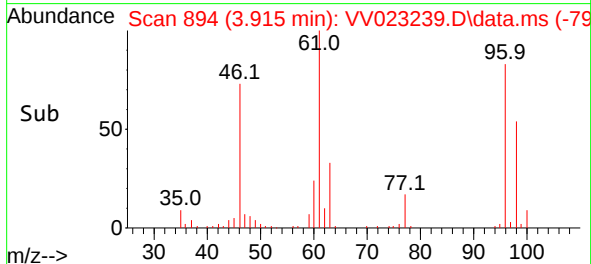
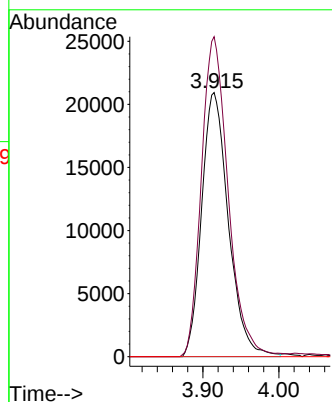
#22
 cis-1,2-Dichloroethene
 Concen: 5.306 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 51227

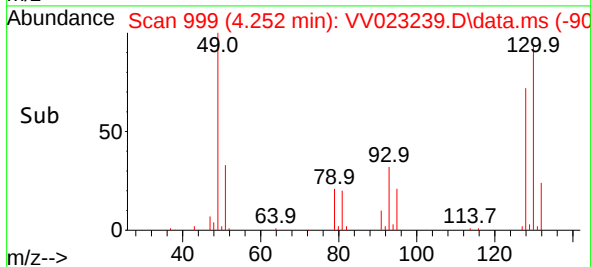
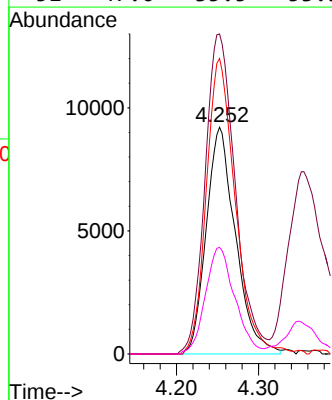
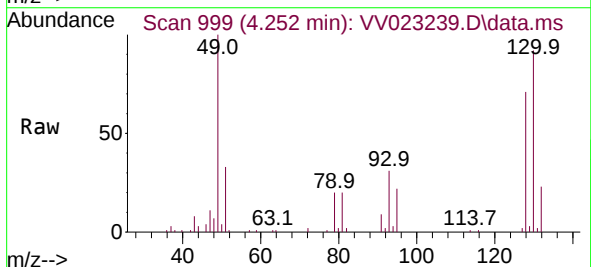
Ion	Ratio	Lower	Upper
96	100		
61	121.1	86.7	160.9
68	0.0	0.0	0.0

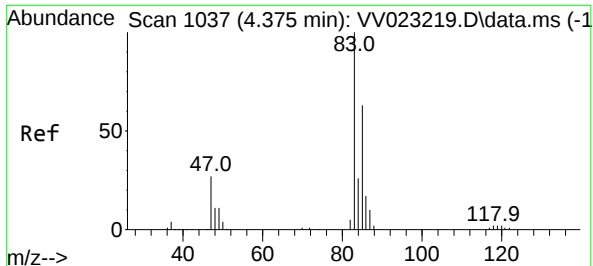


#23
 Bromochloromethane
 Concen: 5.129 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.009 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Tgt Ion: 128 Resp: 22834

Ion	Ratio	Lower	Upper
128	100		
49	141.1	103.0	191.4
130	130.4	86.7	161.1
51	47.0	35.5	53.3





#25

Chloroform

Concen: 5.144 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

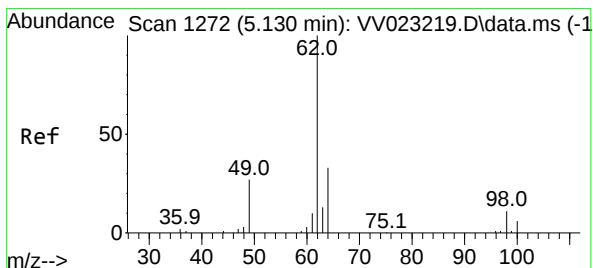
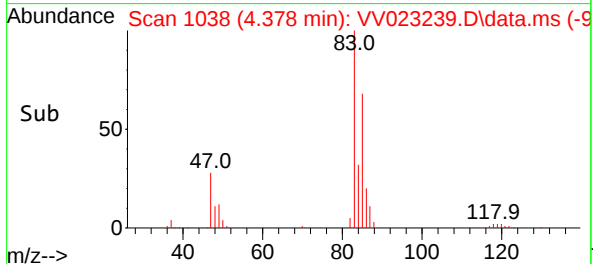
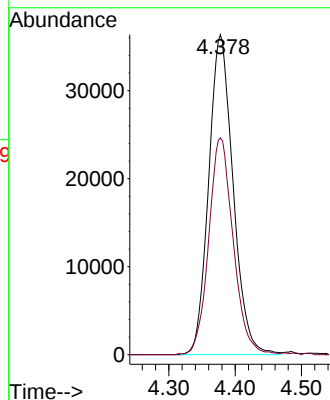
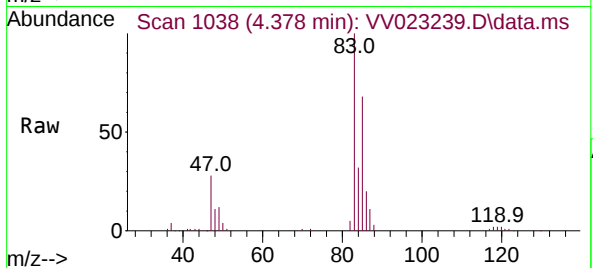
ClientSampleId :

Tgt Ion: 83 Resp: 92869

Ion Ratio Lower Upper

83 100

85 67.8 46.3 85.9



#27

1,2-Dichloroethane

Concen: 4.999 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV023239.D

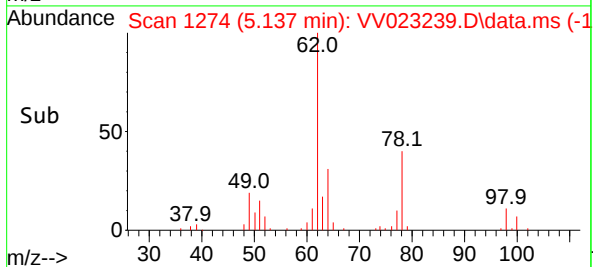
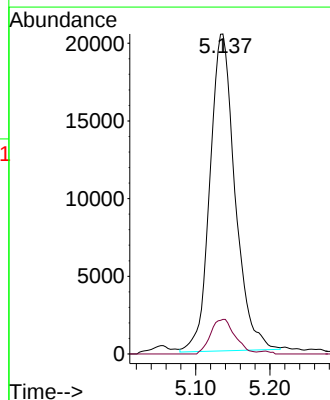
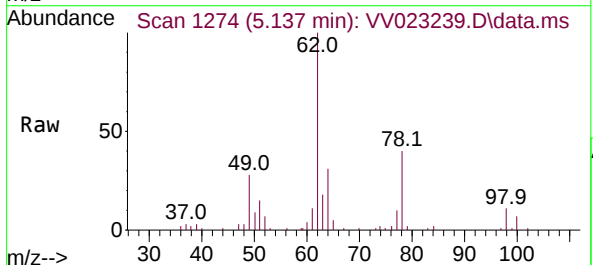
Acq: 05 Nov 2021 17:57

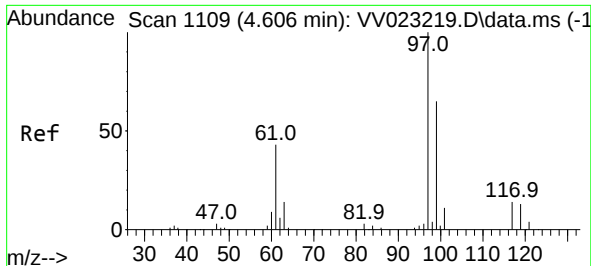
Tgt Ion: 62 Resp: 48011

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.159 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023239.D

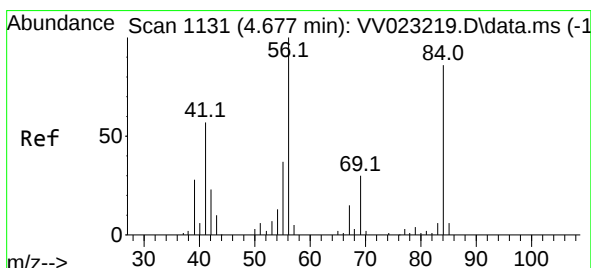
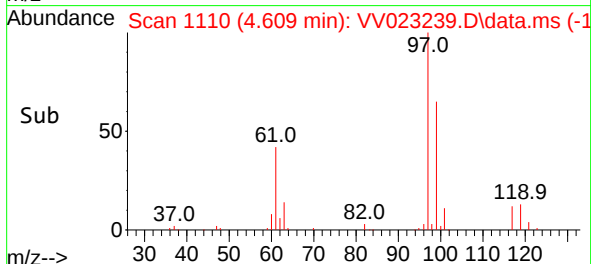
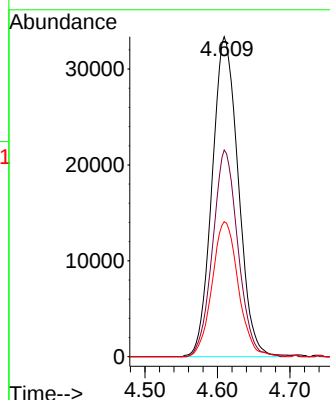
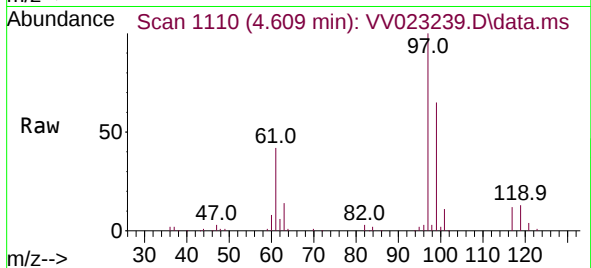
Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	83660
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.3	76.9
61	42.4	33.5	50.3



#30

Cyclohexane

Concen: 4.994 ug/L

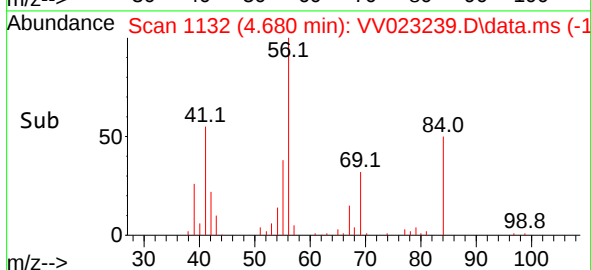
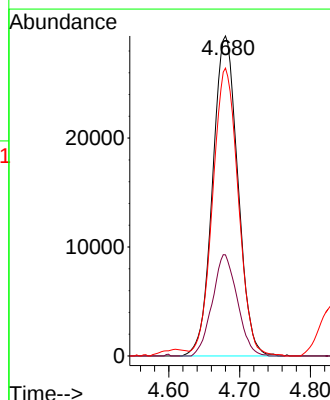
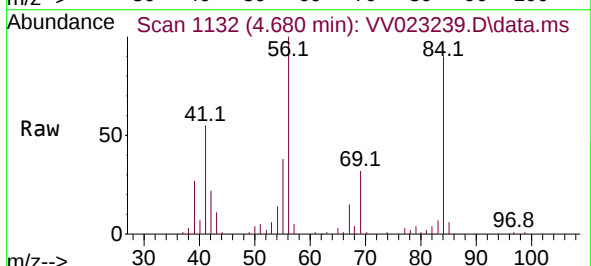
RT: 4.680 min Scan# 1132

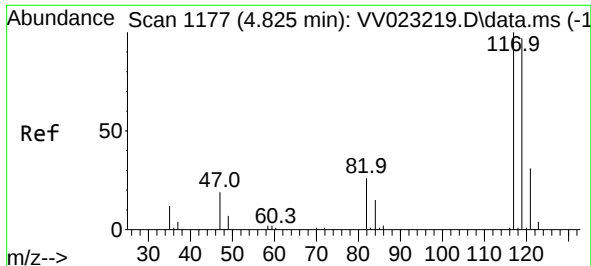
Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion:	56	Resp:	72563
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.7	37.1
84	91.4	73.8	110.6

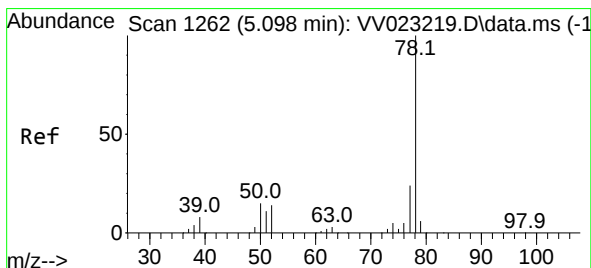
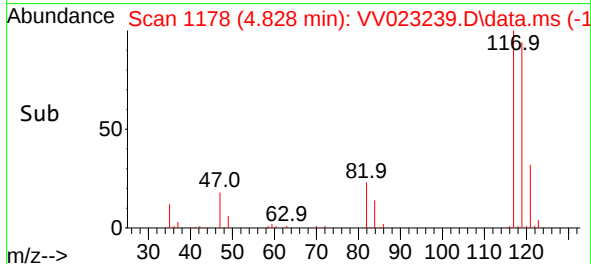
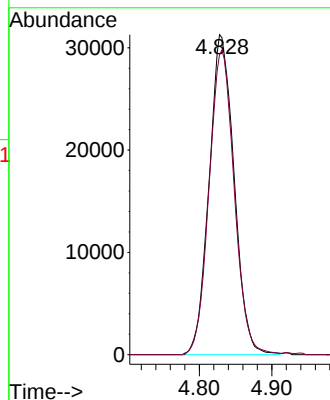
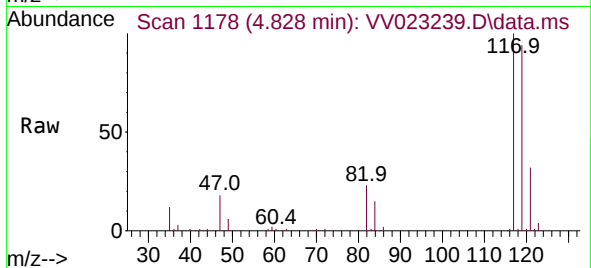




#31
Carbon tetrachloride
Concen: 5.138 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

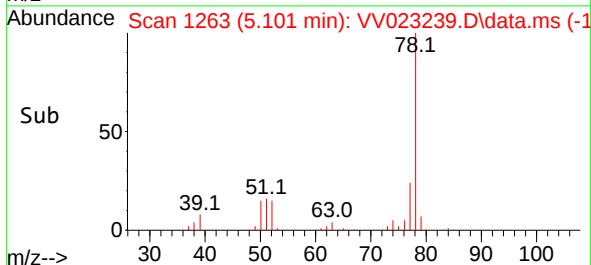
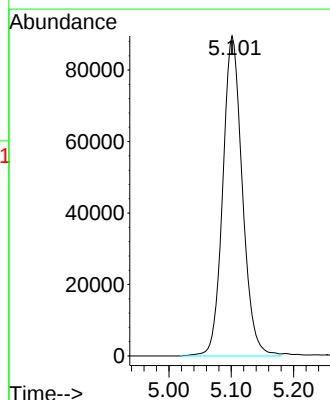
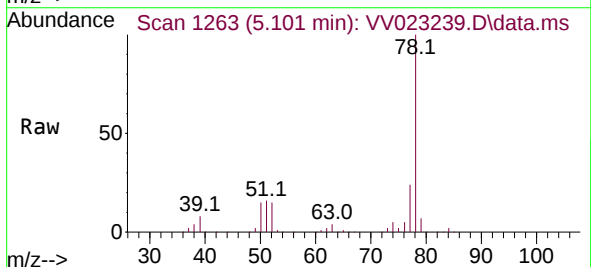
Instrument :
MSVOA_V
ClientSampleId :

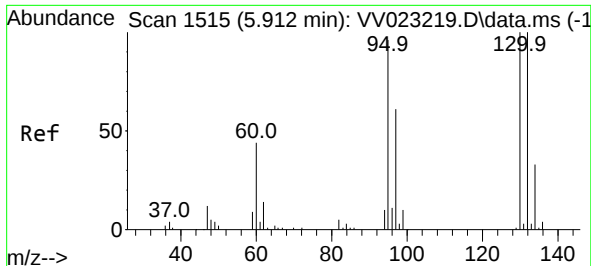
Tgt Ion:117 Resp: 74829
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.232 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 78 Resp: 195251

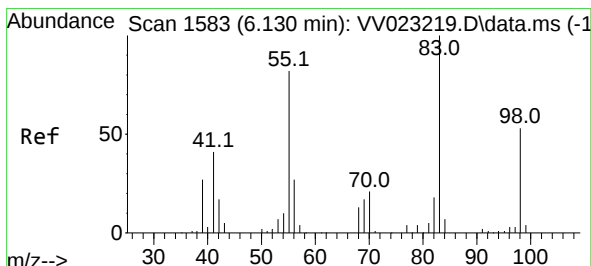
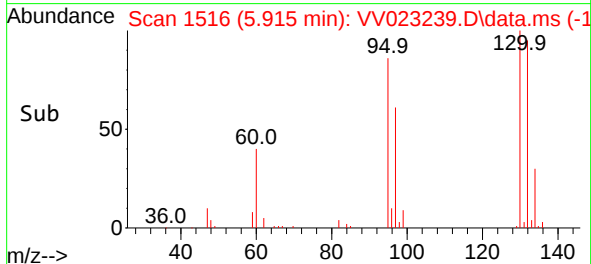
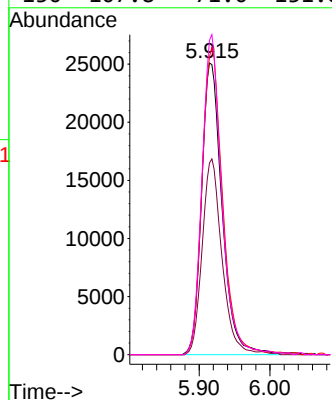
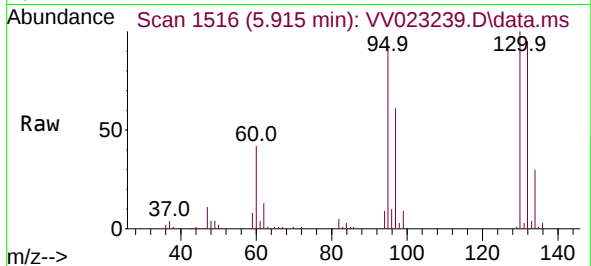




#34
Trichloroethene
Concen: 5.076 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

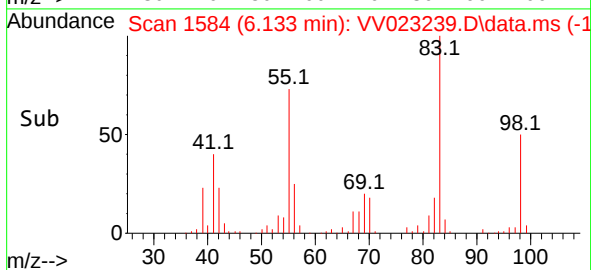
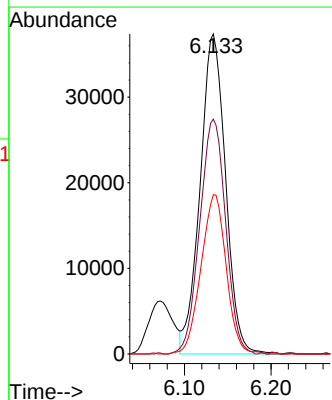
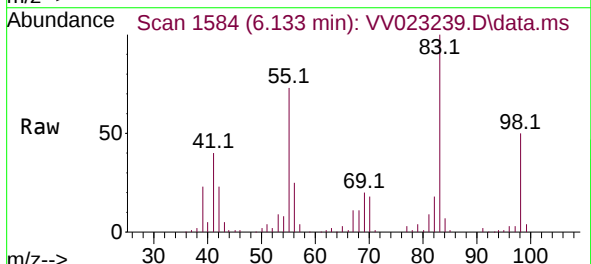
Instrument :
MSVOA_V
ClientSampleId :

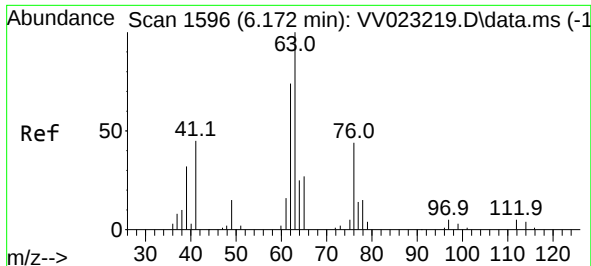
Tgt Ion: 95 Resp: 50372
Ion Ratio Lower Upper
95 100
97 65.7 43.3 80.5
132 102.2 70.0 130.0
130 107.8 71.0 131.8



#35
Methylcyclohexane
Concen: 4.873 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 83 Resp: 76328
Ion Ratio Lower Upper
83 100
55 74.9 59.6 89.4
98 49.2 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.354 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

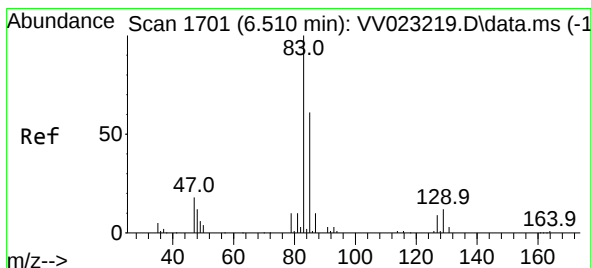
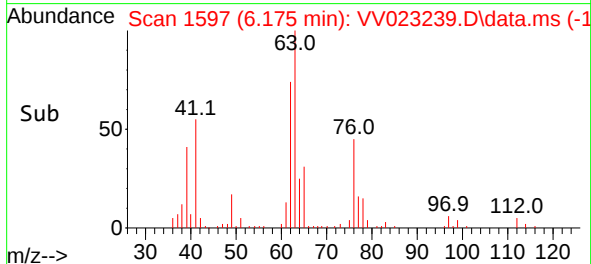
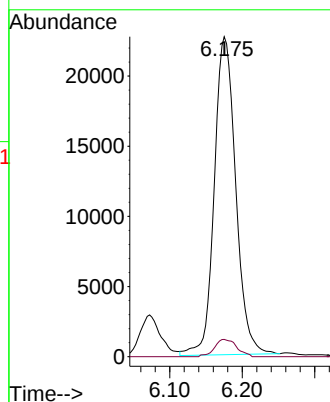
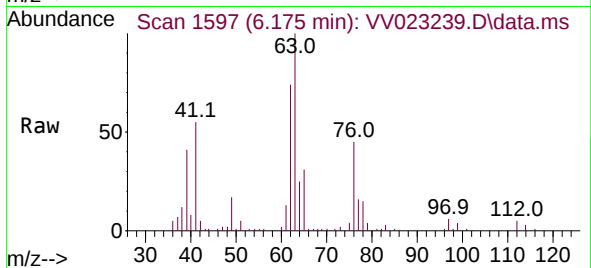
ClientSampleId :

Tgt Ion: 63 Resp: 46637

Ion Ratio Lower Upper

63 100

112 5.6 4.5 6.7



#38

Bromodichloromethane

Concen: 5.146 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

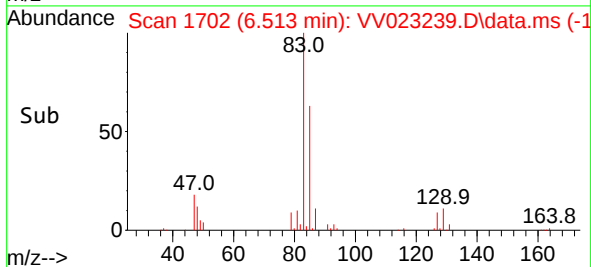
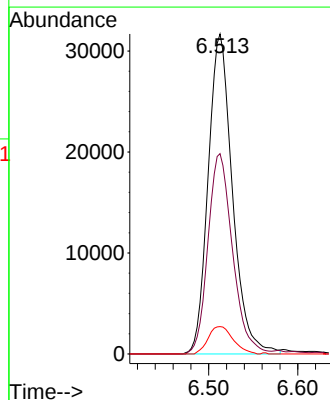
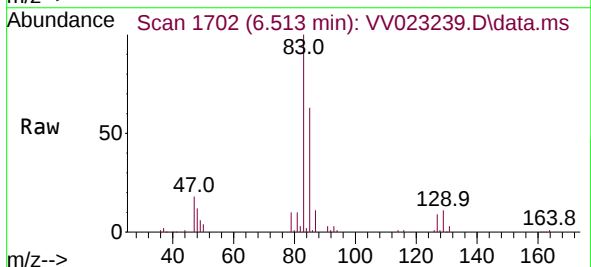
Tgt Ion: 83 Resp: 60075

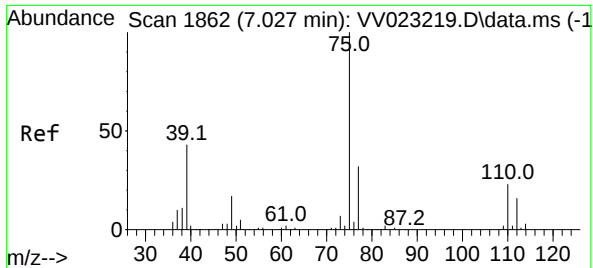
Ion Ratio Lower Upper

83 100

85 62.6 46.1 85.5

127 8.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.735 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

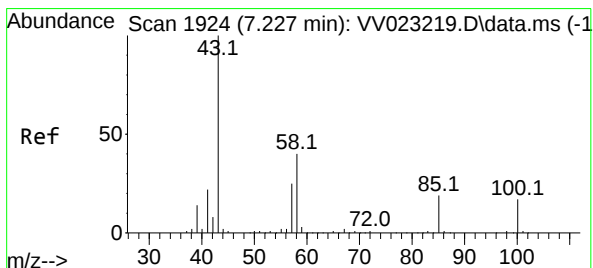
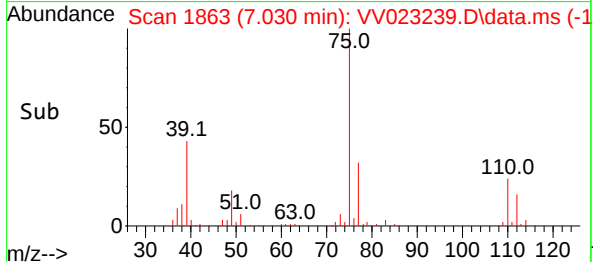
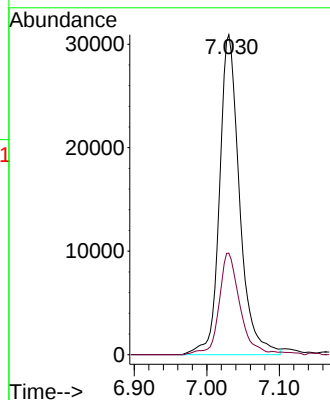
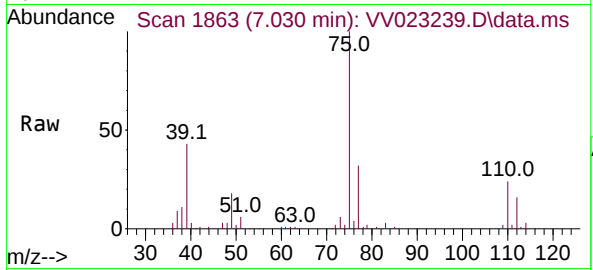
ClientSampleId :

Tgt Ion: 75 Resp: 59331

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.225 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

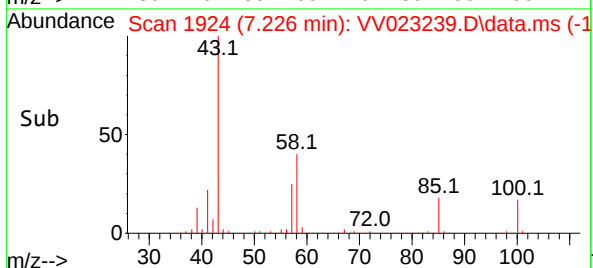
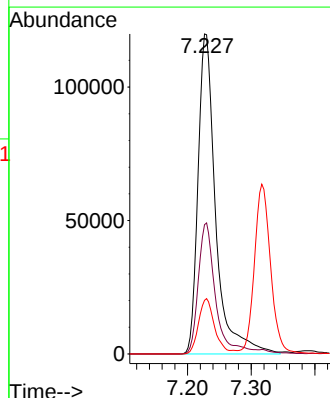
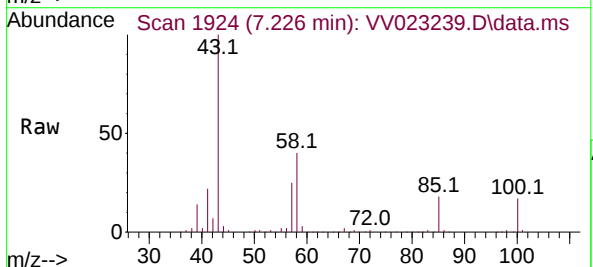
Tgt Ion: 43 Resp: 231207

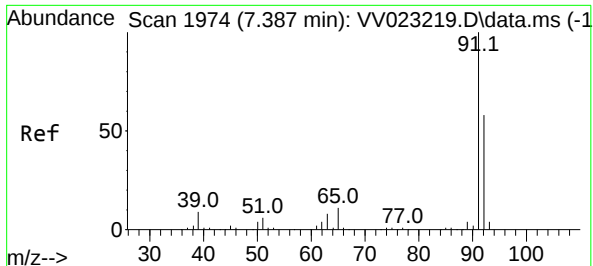
Ion Ratio Lower Upper

43 100

58 39.9 33.3 49.9

100 15.6 13.0 19.6





#42

Toluene

Concen: 5.428 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

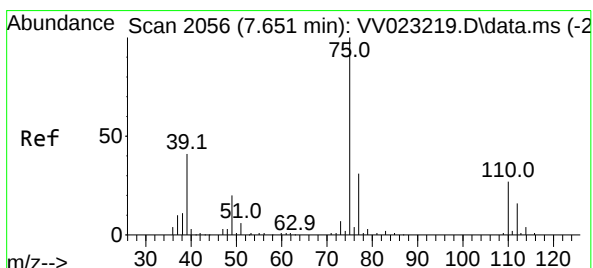
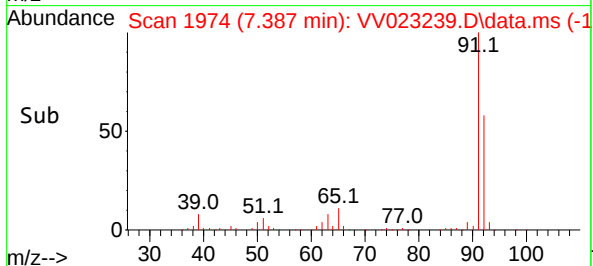
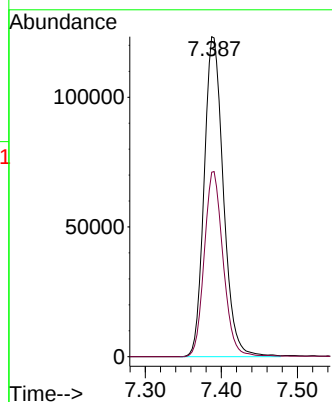
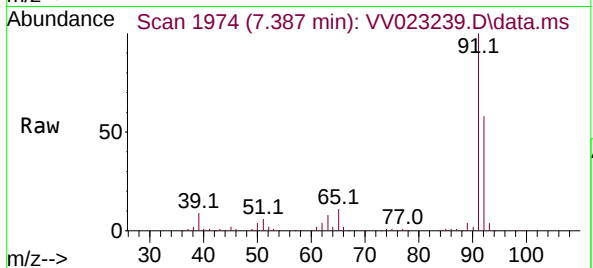
ClientSampleId :

Tgt Ion: 91 Resp: 216659

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.876 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023239.D

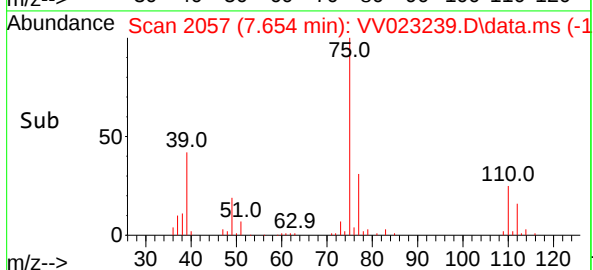
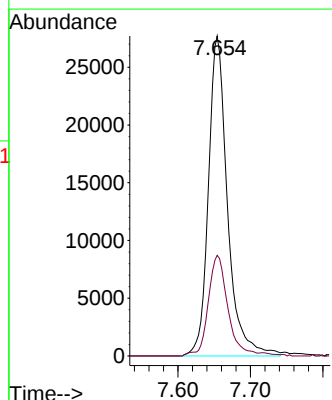
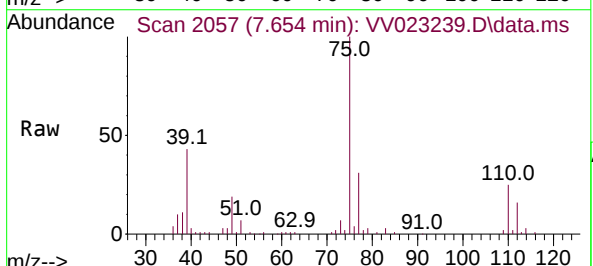
Acq: 05 Nov 2021 17:57

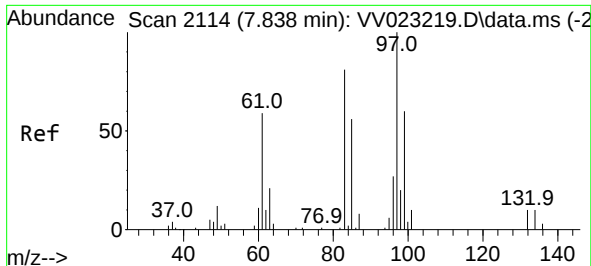
Tgt Ion: 75 Resp: 50690

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.080 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 31799

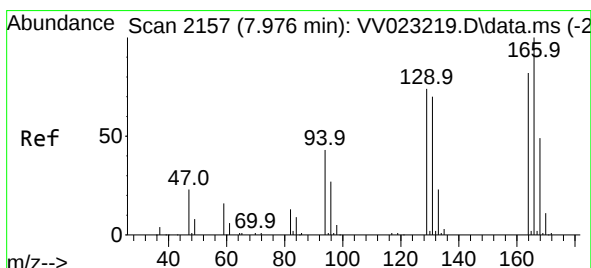
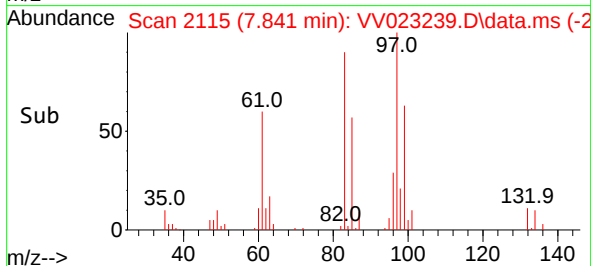
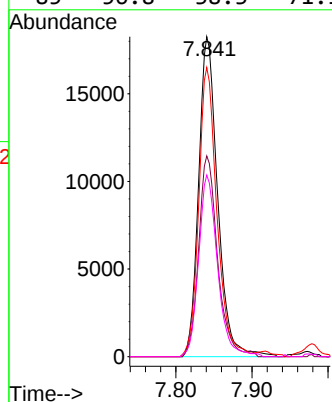
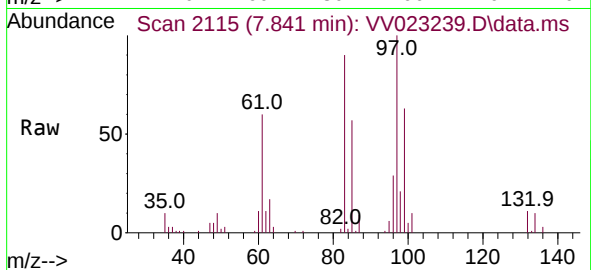
Ion Ratio Lower Upper

97 100

99 62.7 47.0 87.4

83 90.4 62.6 116.3

85 56.8 38.3 71.1



#47

Tetrachloroethene

Concen: 5.063 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion:164 Resp: 43540

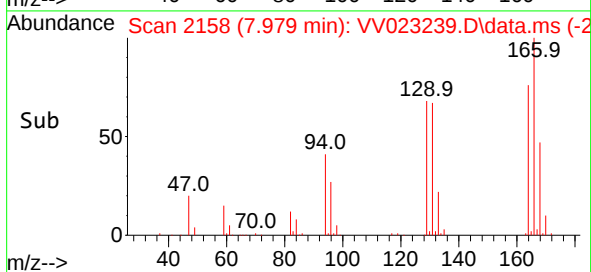
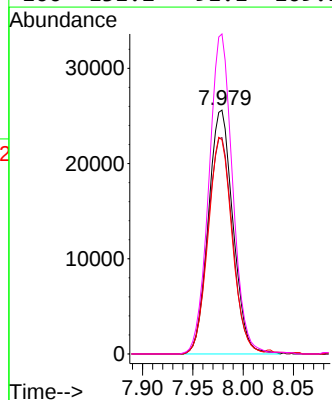
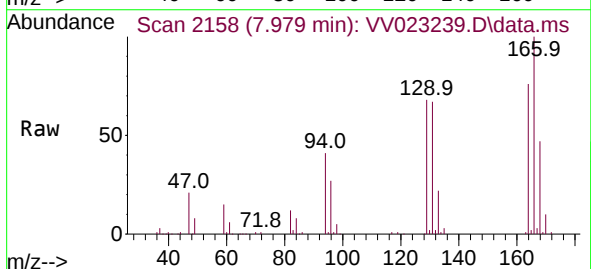
Ion Ratio Lower Upper

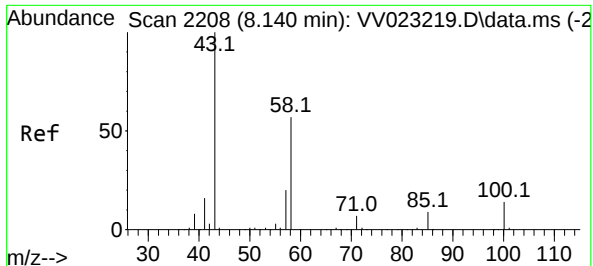
164 100

129 88.7 65.5 121.7

131 87.8 63.9 118.7

166 131.2 91.1 169.1

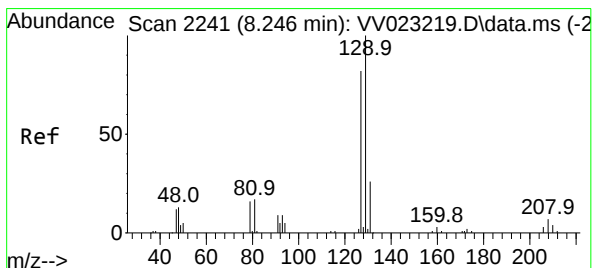
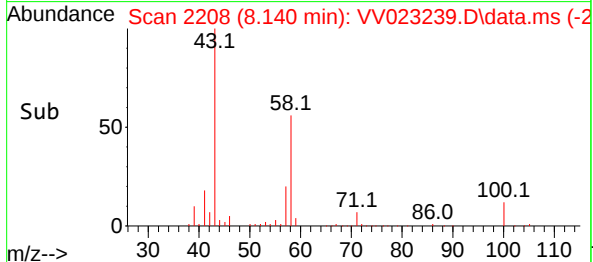
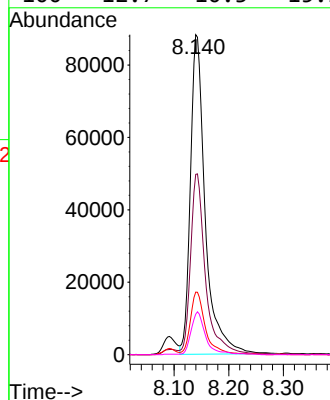
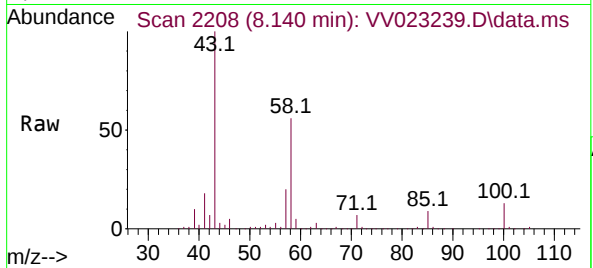




#48
2-Hexanone
Concen: 57.380 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

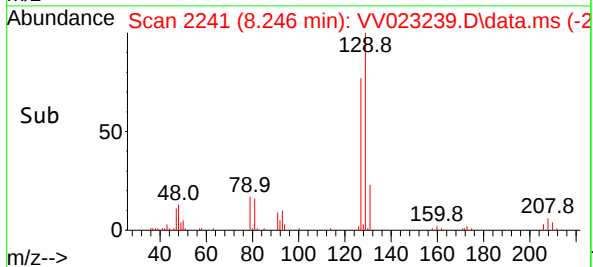
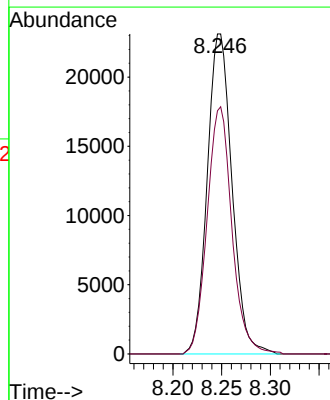
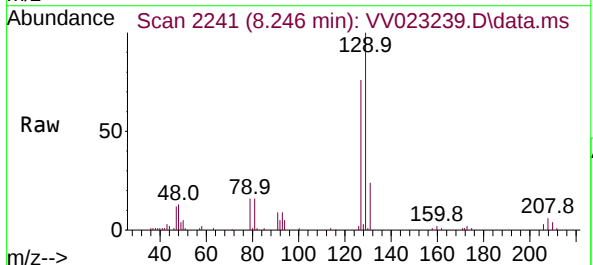
Instrument :
MSVOA_V
ClientSampleId :

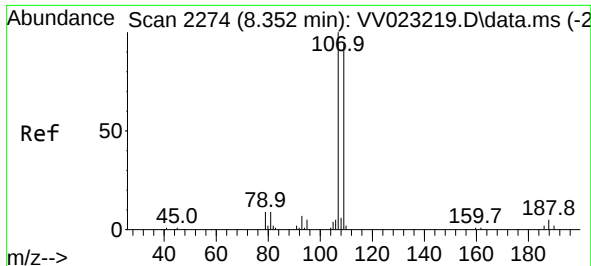
Tgt Ion: 43 Resp: 166275
Ion Ratio Lower Upper
43 100
58 55.7 43.0 64.6
57 19.0 14.9 22.3
100 12.7 10.3 15.5



#49
Dibromochloromethane
Concen: 5.155 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:129 Resp: 40888
Ion Ratio Lower Upper
129 100
127 76.0 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.201 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023239.D

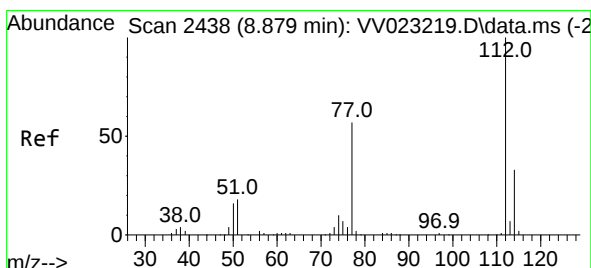
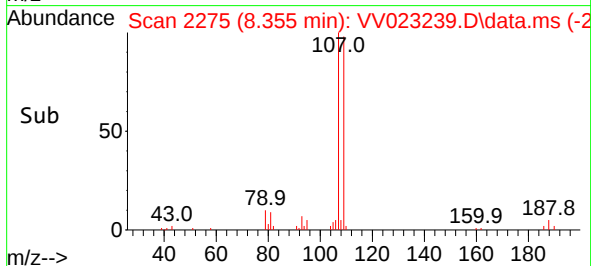
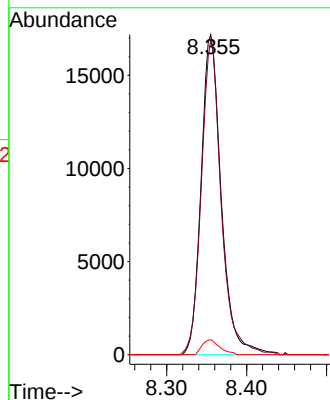
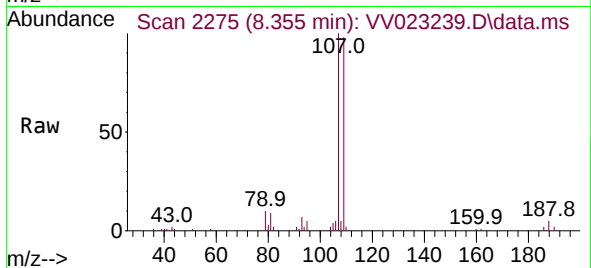
Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30171
Ion Ratio	Lower	Upper	
107	100		
109	98.3	67.0	124.4
188	4.6	2.9	4.3#



#51

Chlorobenzene

Concen: 5.038 ug/L

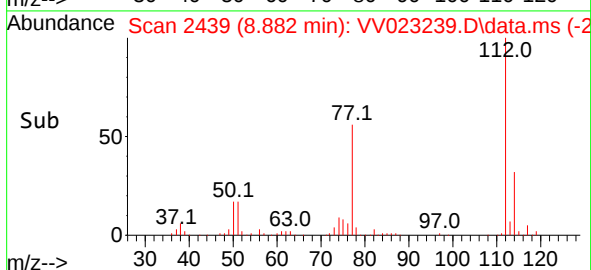
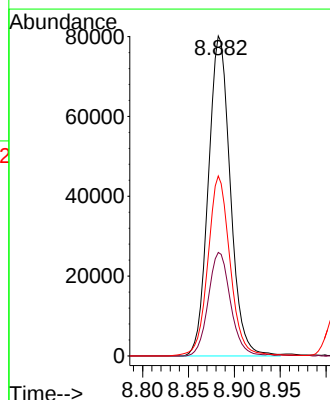
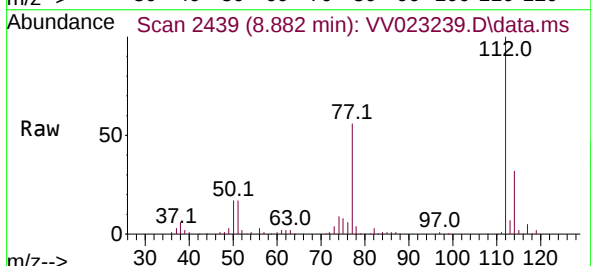
RT: 8.882 min Scan# 2439

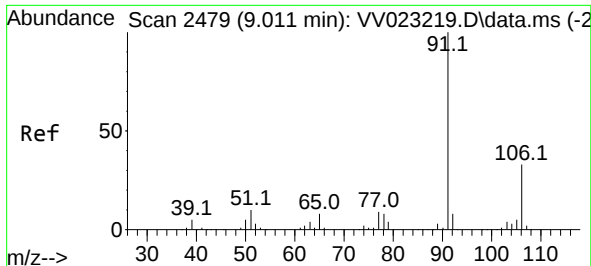
Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion:	112	Resp:	133650
Ion Ratio	Lower	Upper	
112	100		
114	32.3	22.4	41.6
77	56.2	43.8	65.8





#52

Ethylbenzene

Concen: 5.131 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

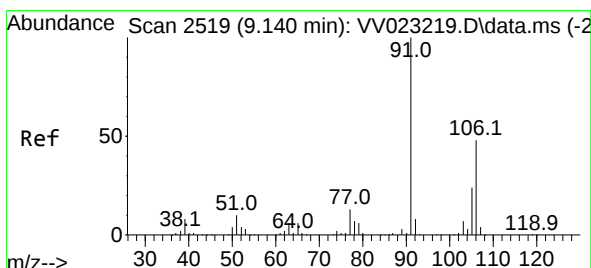
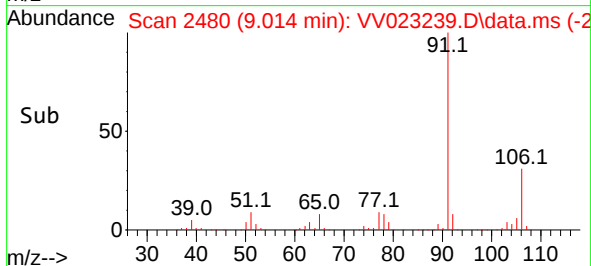
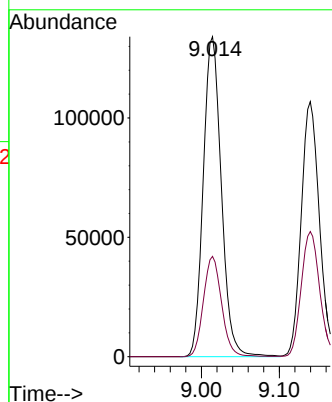
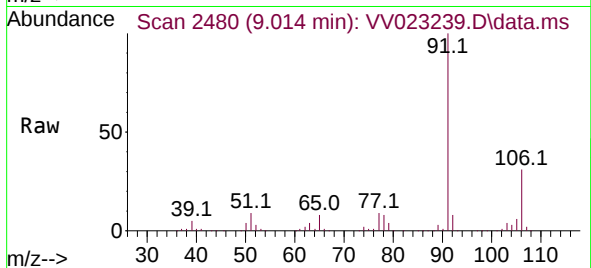
ClientSampleId :

Tgt Ion: 91 Resp: 215996

Ion Ratio Lower Upper

91 100

106 31.3 22.3 41.5



#53

m,p-xylene

Concen: 5.226 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023239.D

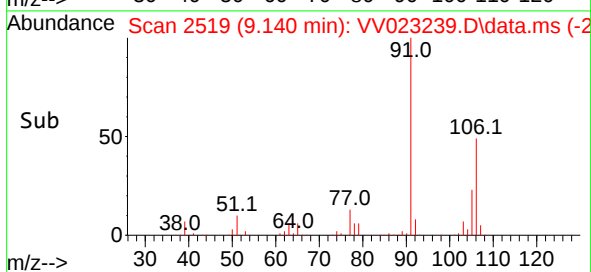
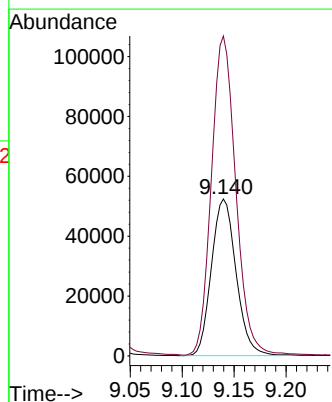
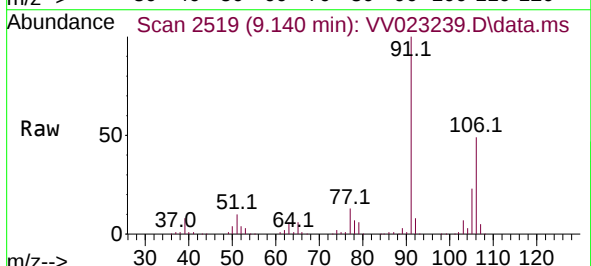
Acq: 05 Nov 2021 17:57

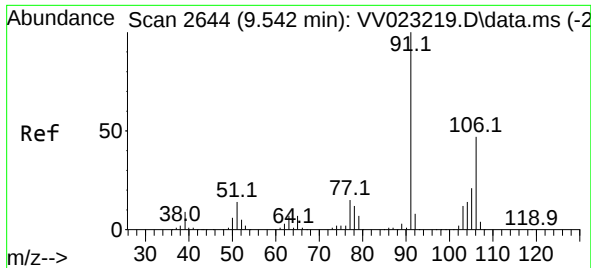
Tgt Ion: 106 Resp: 86333

Ion Ratio Lower Upper

106 100

91 203.8 140.1 260.1

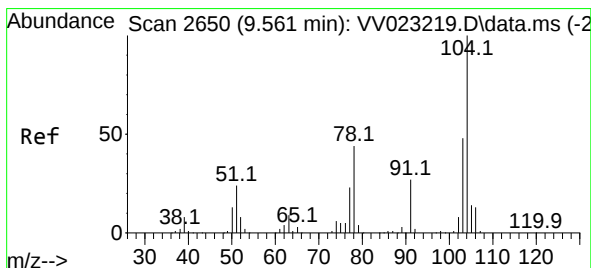
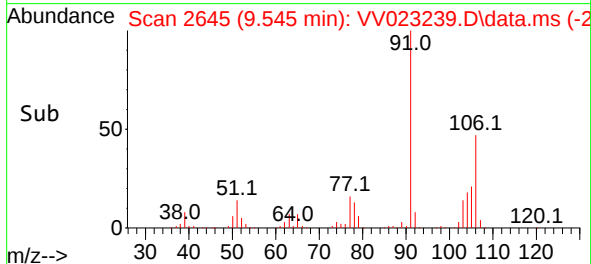
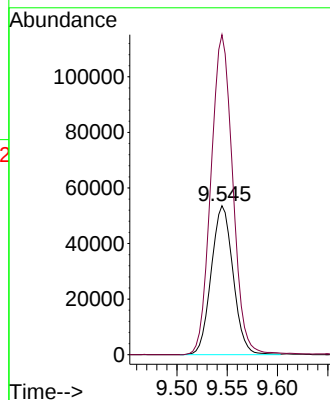
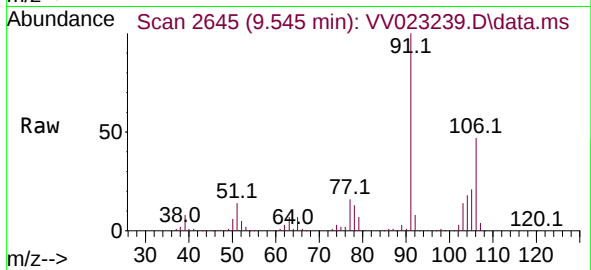




#54
o-xylene
Concen: 5.227 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

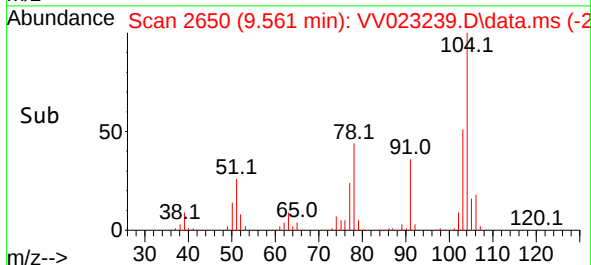
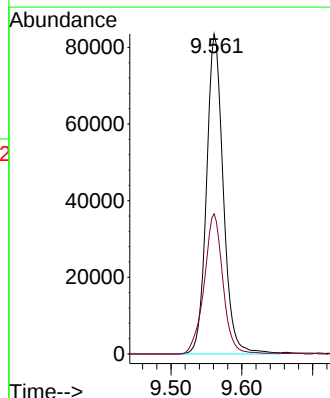
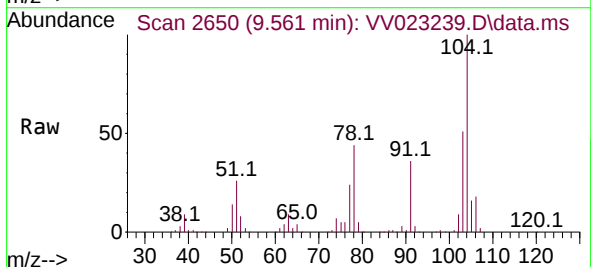
Instrument :
MSVOA_V
ClientSampleId :

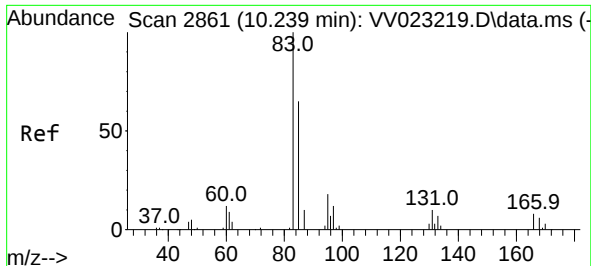
Tgt Ion:106 Resp: 81012
Ion Ratio Lower Upper
106 100
91 214.7 148.1 275.1



#55
Styrene
Concen: 5.170 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:104 Resp: 137276
Ion Ratio Lower Upper
104 100
78 43.8 30.4 56.5

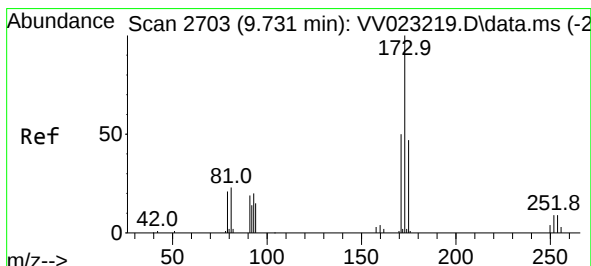
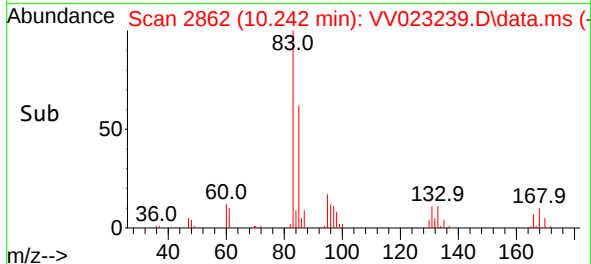
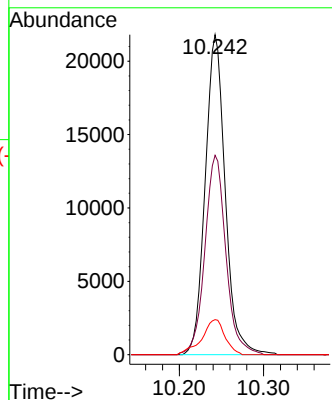
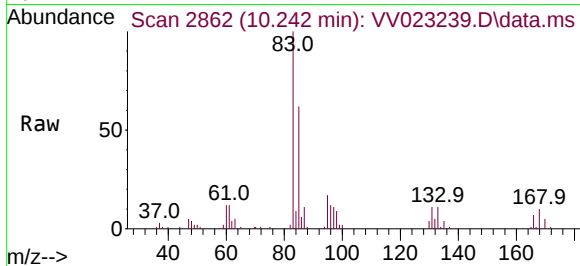




#57
1,1,2,2-Tetrachloroethane
Concen: 5.260 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

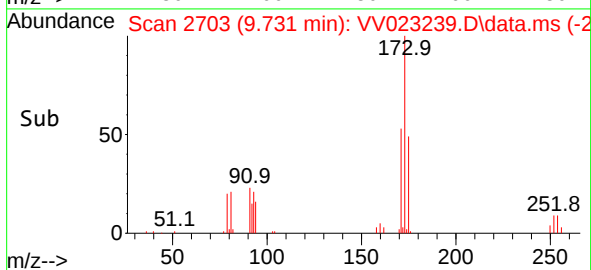
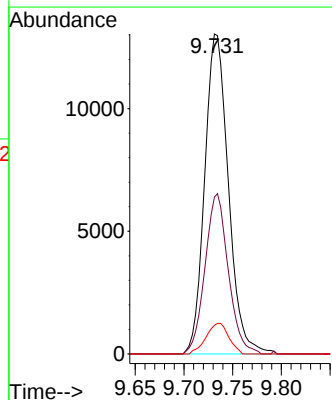
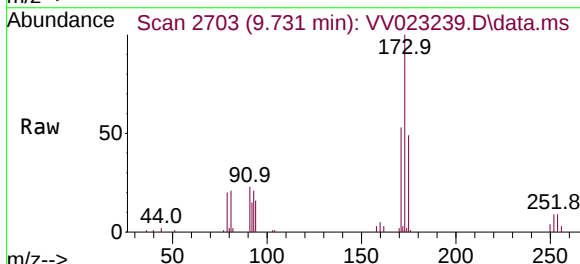
Instrument :
MSVOA_V
ClientSampleId :

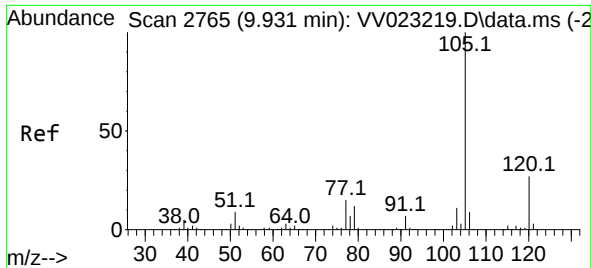
Tgt Ion: 83 Resp: 36072
Ion Ratio Lower Upper
83 100
85 62.3 46.2 85.8
131 11.0 8.7 13.1



#59
Bromoform
Concen: 5.017 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 173 Resp: 22058
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
254 9.1 6.6 10.0

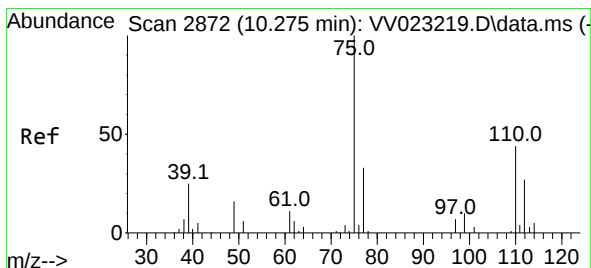
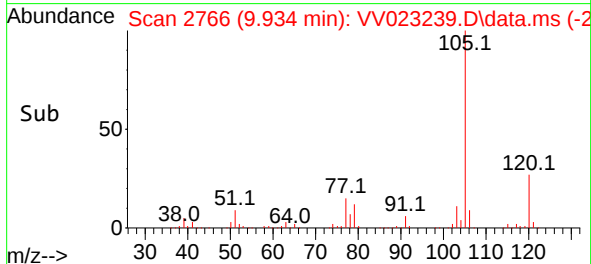
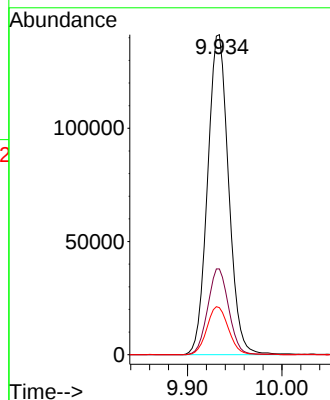
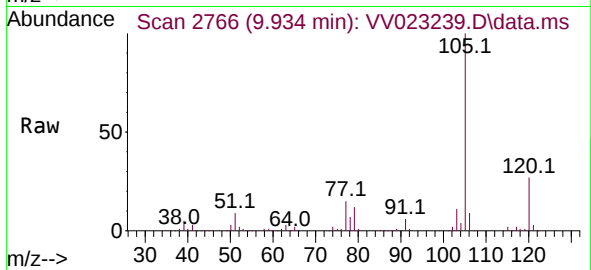




#60
Isopropylbenzene
Concen: 5.161 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

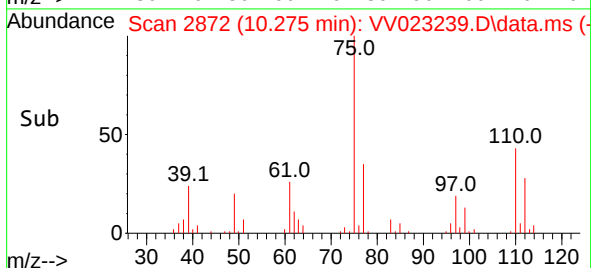
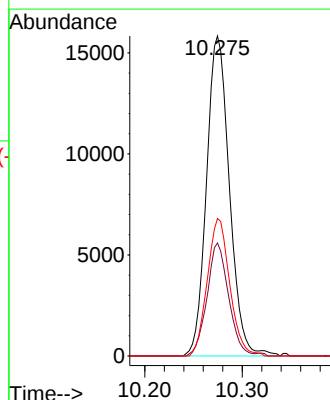
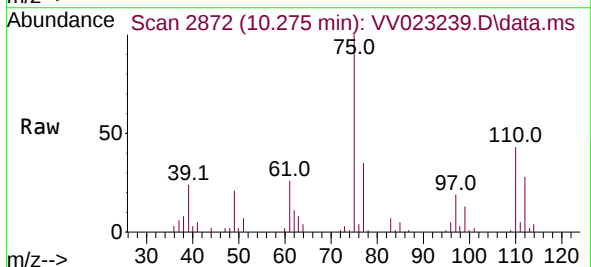
Instrument :
MSVOA_V
ClientSampleId :

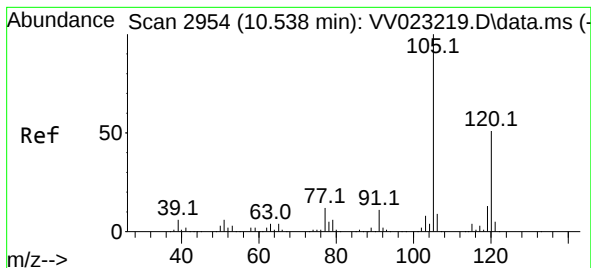
Tgt Ion:105 Resp: 217992
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 15.4 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.289 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 75 Resp: 25862
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 42.2 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 5.040 ug/L

RT: 10.541 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

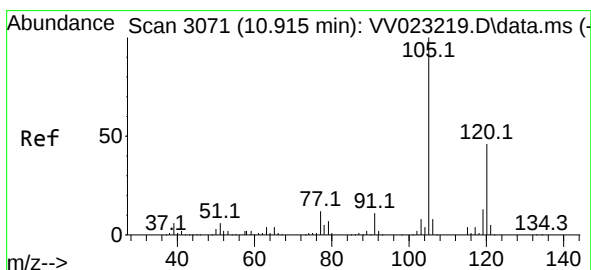
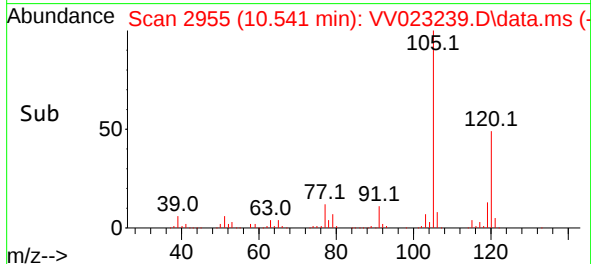
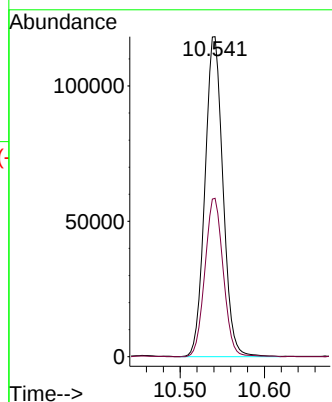
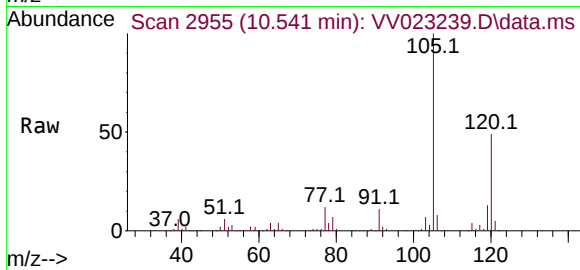
ClientSampleId :

Tgt Ion:105 Resp: 176516

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.220 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023239.D

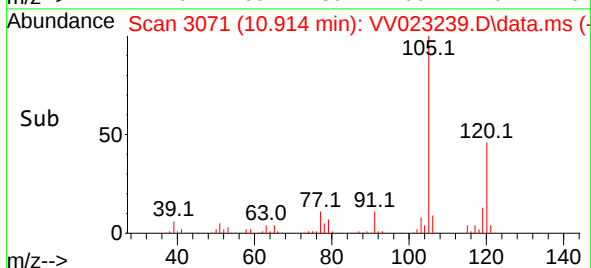
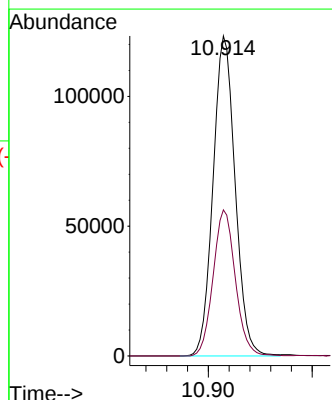
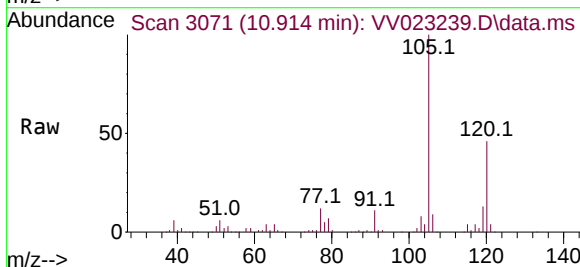
Acq: 05 Nov 2021 17:57

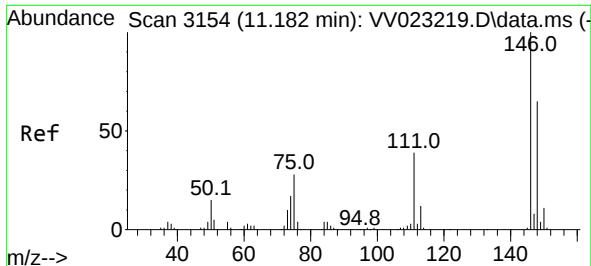
Tgt Ion:105 Resp: 181973

Ion Ratio Lower Upper

105 100

120 45.9 36.5 54.7

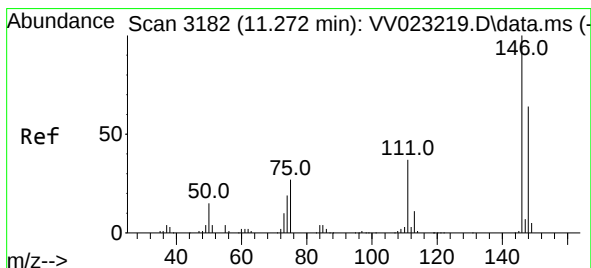
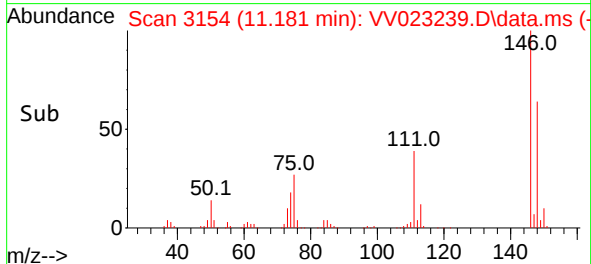
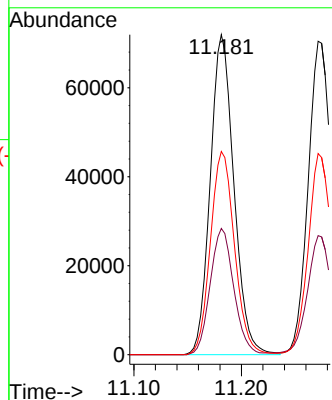
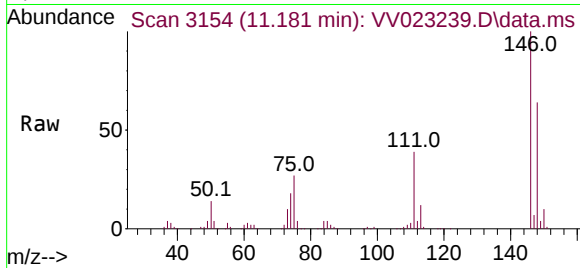




#64
1,3-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

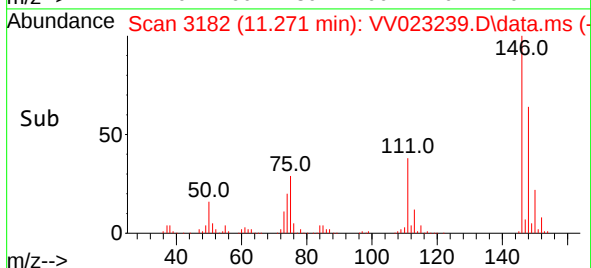
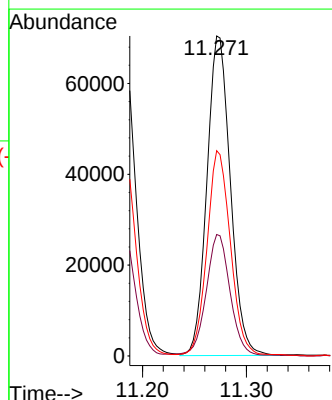
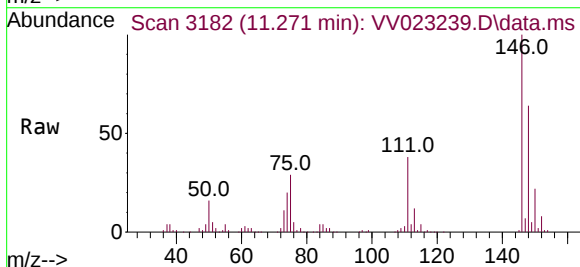
Instrument :
MSVOA_V
ClientSampleId :

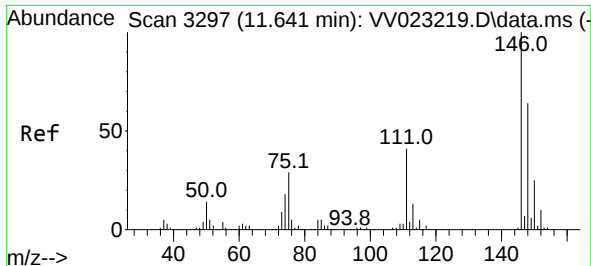
Tgt Ion:146 Resp: 110034
Ion Ratio Lower Upper
146 100
111 39.5 28.1 52.3
148 63.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

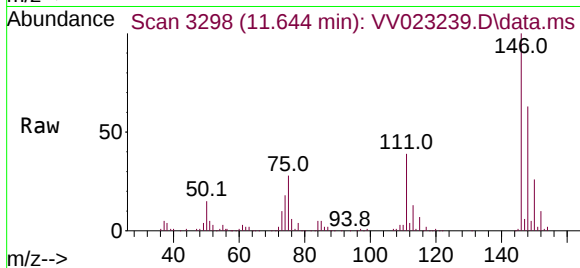
Tgt Ion:146 Resp: 110242
Ion Ratio Lower Upper
146 100
111 38.0 26.1 48.5
148 64.2 44.7 83.1



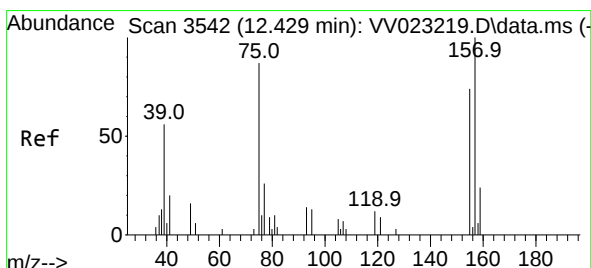
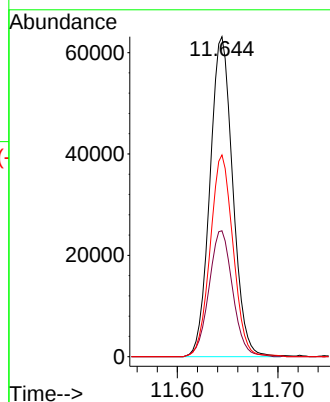
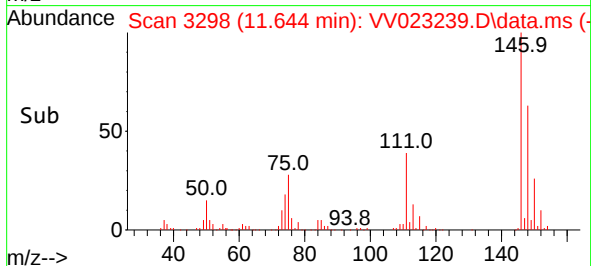


#67
1,2-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

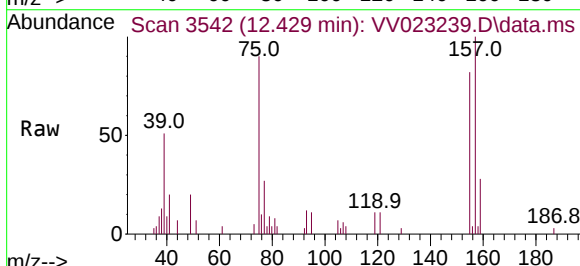
Instrument :
MSVOA_V
ClientSampleId :



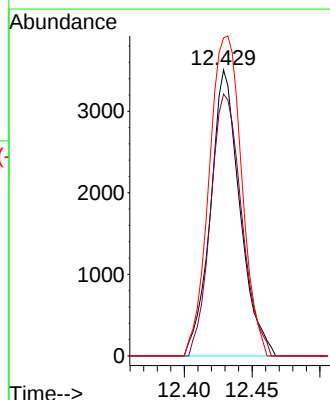
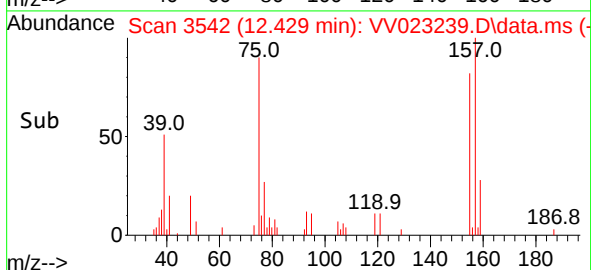
Tgt Ion:146 Resp: 99613
Ion Ratio Lower Upper
146 100
111 39.4 31.3 46.9
148 63.0 51.4 77.2

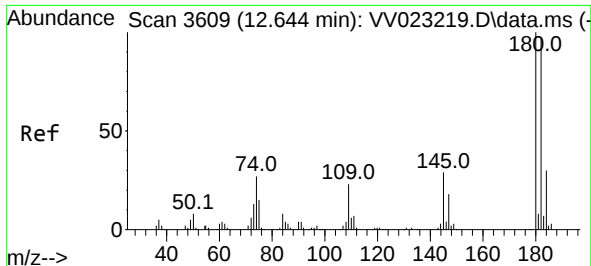


#68
1,2-Dibromo-3-chloropropane
Concen: 5.091 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



Tgt Ion: 75 Resp: 5303
Ion Ratio Lower Upper
75 100
155 91.6 69.4 104.2
157 111.2 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.848 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

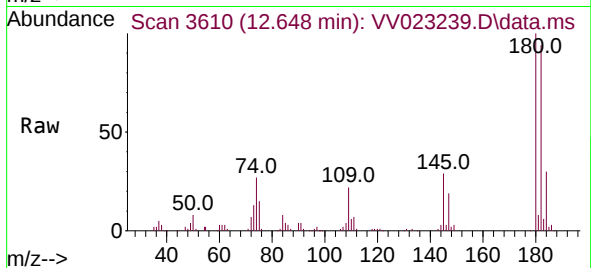
Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 81914

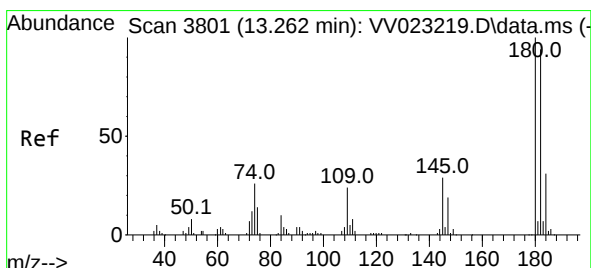
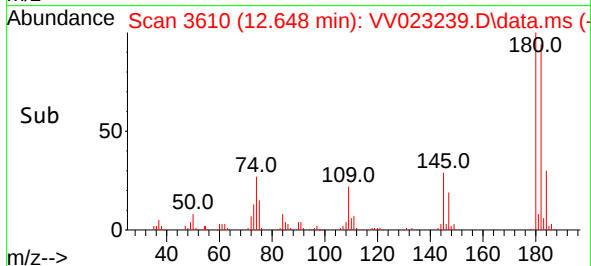
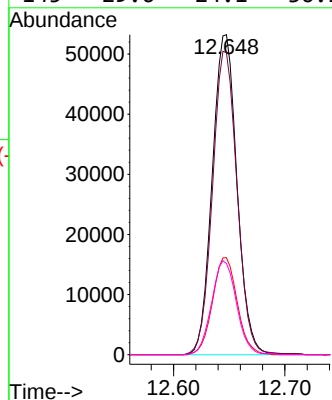
Ion Ratio Lower Upper

180 100

182 94.6 77.1 115.7

184 30.4 24.9 37.3

145 29.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.769 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

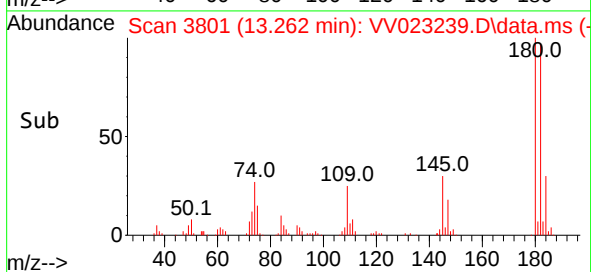
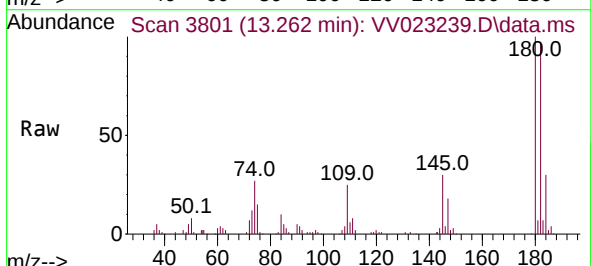
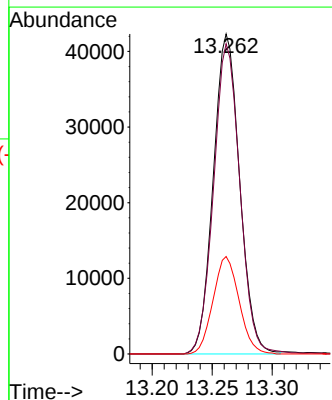
Tgt Ion:180 Resp: 64528

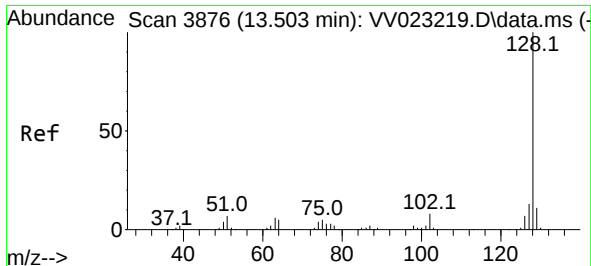
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

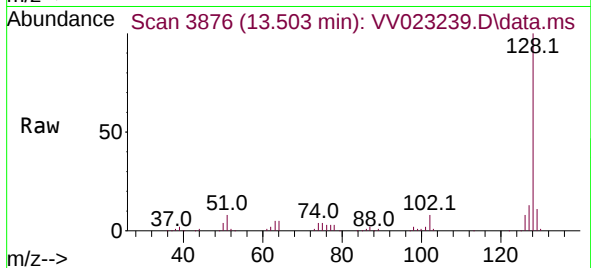
145 30.1 24.1 36.1



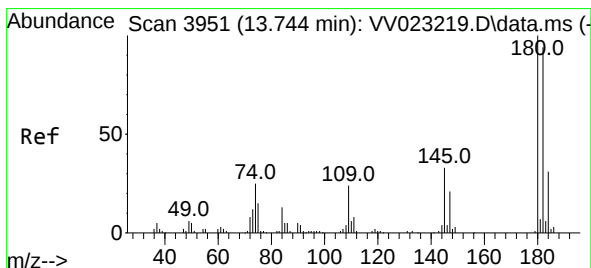
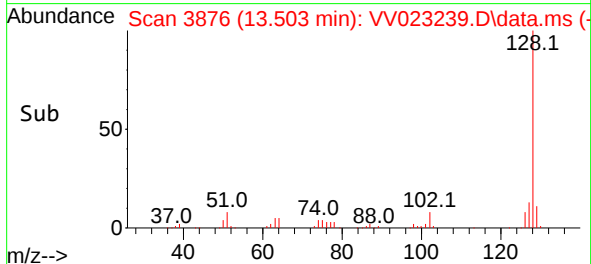
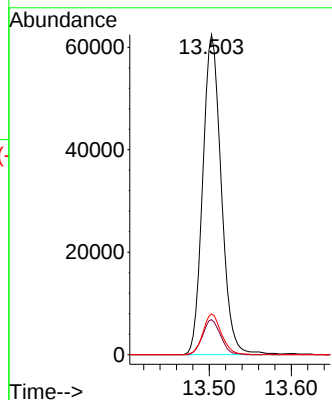


#71
Naphthalene
Concen: 4.899 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 97752
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.996 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:180 Resp: 59151
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
145 31.6 25.4 38.0

