

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023238.D
 Acq On : 05 Nov 2021 17:34
 Operator : SY/MD
 Sample : M4535-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:17:31 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	135562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41057	4.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	34302	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.108	63	78546	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.902	46	76809	59.863	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.720%
24) Chloroform-d	4.352	84	94995	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.037	65	43639	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	178812	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.072	67	53030	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	171429	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.625	79	19421	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.092	63	79448	56.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39265	5.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	63524	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	66727	5.048	ug/L	99
3) Chloromethane	1.240	50	57358	5.104	ug/L	97
5) Vinyl chloride	1.311	62	56727	5.054	ug/L	99
6) Bromomethane	1.523	94	35852	4.997	ug/L	98
8) Chloroethane	1.584	64	32874	5.075	ug/L	97
9) Trichlorofluoromethane	1.754	101	84919	5.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41543	4.893	ug/L	99
12) 1,1-Dichloroethene	2.118	96	40457	5.005	ug/L	91
13) Acetone	2.188	43	42680	44.996	ug/L	88
14) Carbon disulfide	2.294	76	150556	4.935	ug/L	100
15) Methyl Acetate	2.442	43	14869	4.099	ug/L	96
16) Methylene chloride	2.507	84	50301	4.264	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	95835	5.385	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	50237	5.055	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88763	5.290	ug/L	99
21) 2-Butanone	3.986	43	71843	58.656	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	50744	5.306	ug/L	96
23) Bromochloromethane	4.253	128	22415	5.083	ug/L	94
25) Chloroform	4.378	83	94970	5.310	ug/L	99

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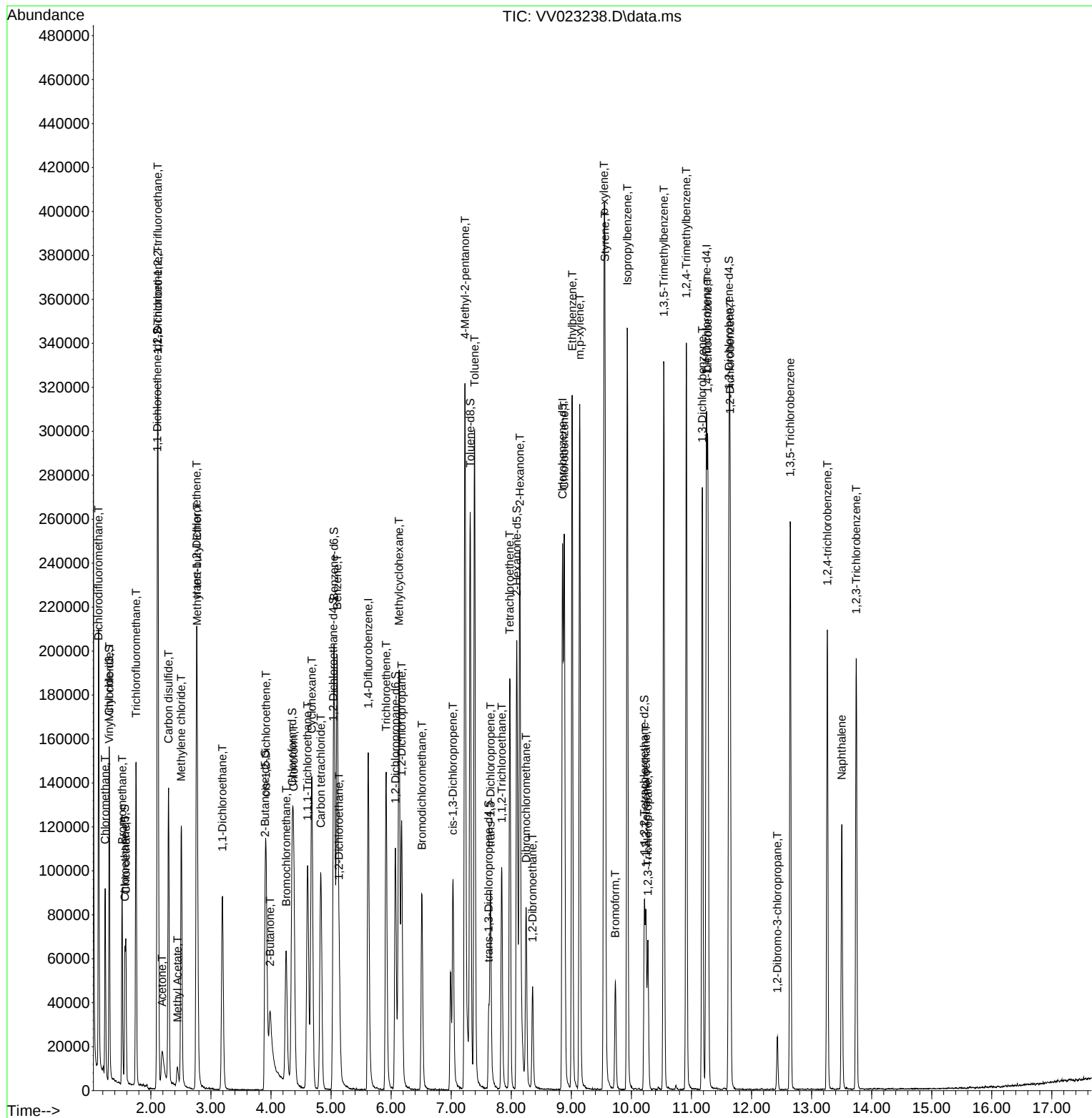
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	48747	5.124	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	82377	5.071	ug/L	99
30) Cyclohexane	4.677	56	72343	4.970	ug/L	98
31) Carbon tetrachloride	4.828	117	75345	5.165	ug/L	99
33) Benzene	5.101	78	199207	5.329	ug/L	100
34) Trichloroethene	5.915	95	49837	5.013	ug/L	98
35) Methylcyclohexane	6.133	83	74714	4.762	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46584	5.338	ug/L	99
38) Bromodichloromethane	6.513	83	60312	5.157	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	57393	4.572	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	235246	58.121	ug/L	99
42) Toluene	7.391	91	220485	5.514	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	51958	4.989	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	32697	5.214	ug/L	95
47) Tetrachloroethene	7.976	164	43350	5.032	ug/L	97
48) 2-Hexanone	8.143	43	170010	58.564	ug/L	98
49) Dibromochloromethane	8.246	129	41965	5.282	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30631	5.271	ug/L #	100
51) Chlorobenzene	8.883	112	136831	5.149	ug/L	98
52) Ethylbenzene	9.014	91	217551	5.159	ug/L	98
53) m,p-xylene	9.140	106	84874	5.128	ug/L	98
54) o-xylene	9.545	106	81678	5.261	ug/L	97
55) Styrene	9.561	104	139345	5.239	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37264	5.424	ug/L	96
59) Bromoform	9.731	173	22641	5.139	ug/L	99
60) Isopropylbenzene	9.934	105	219341	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26472	5.402	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	175836	5.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	182725	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	111255	5.144	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	110945	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	101702	5.255	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5618	5.381	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	81757	4.828	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64242	4.737	ug/L	98
71) Naphthalene	13.503	128	95680	4.785	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	59324	5.000	ug/L	97

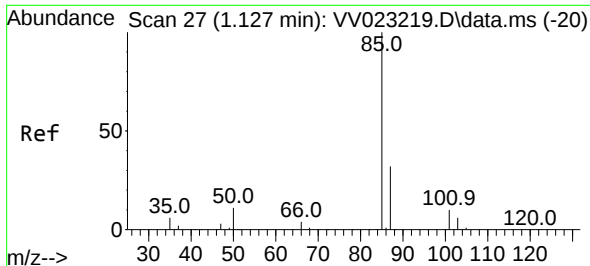
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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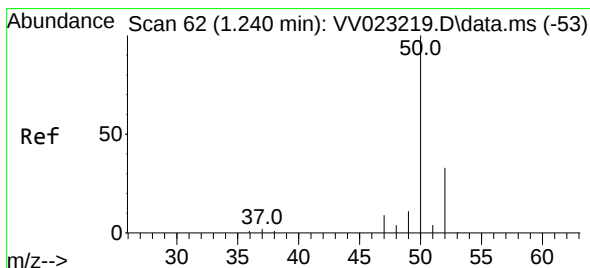
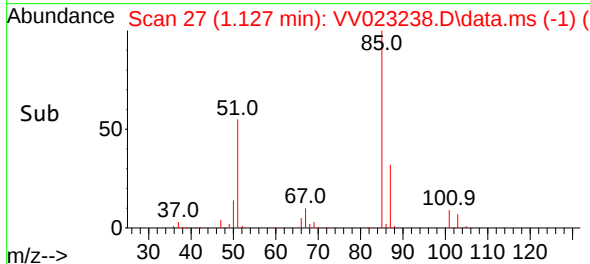
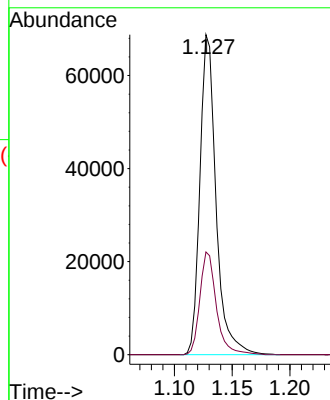
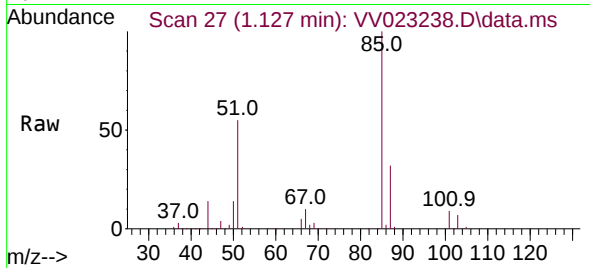




#2
 Dichlorodifluoromethane
 Concen: 5.048 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

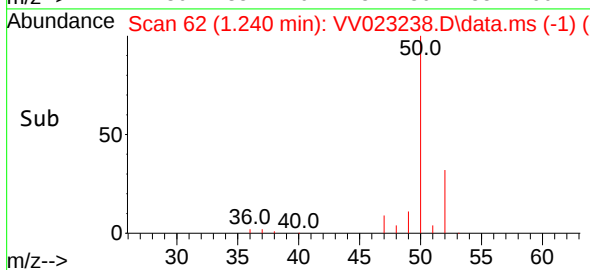
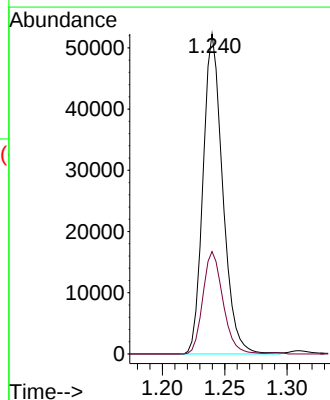
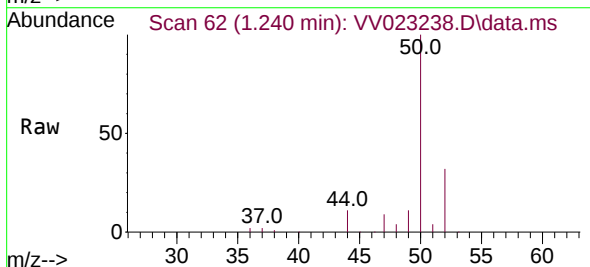
Instrument :
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 ClientSampleId :

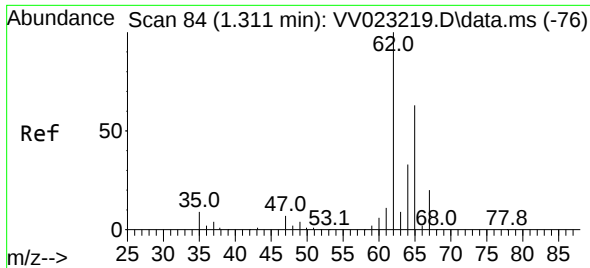
Tgt Ion: 85 Resp: 66727
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 5.104 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

Tgt Ion: 50 Resp: 57358
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.7 43.9

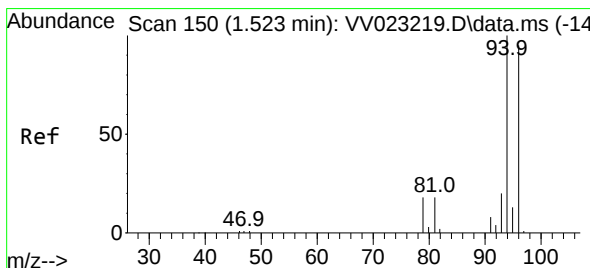
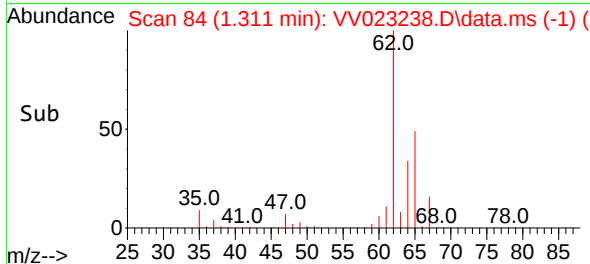
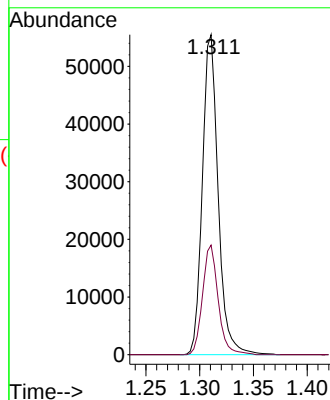
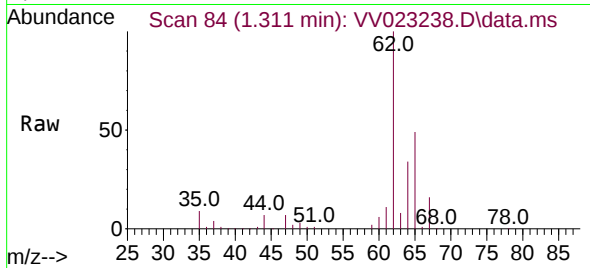




#5
 Vinyl chloride
 Concen: 5.054 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

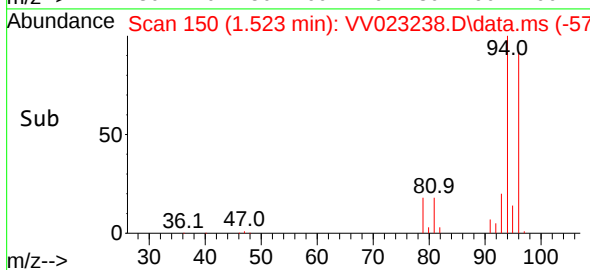
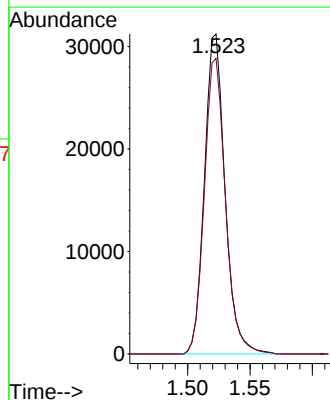
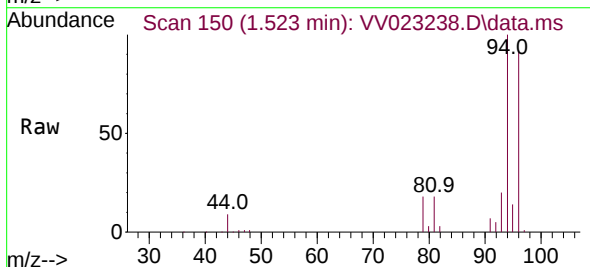
Instrument :
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 ClientSampleId :

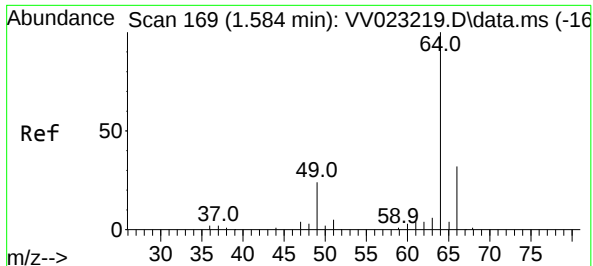
Tgt Ion: 62 Resp: 56727
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.7 43.9



#6
 Bromomethane
 Concen: 4.997 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

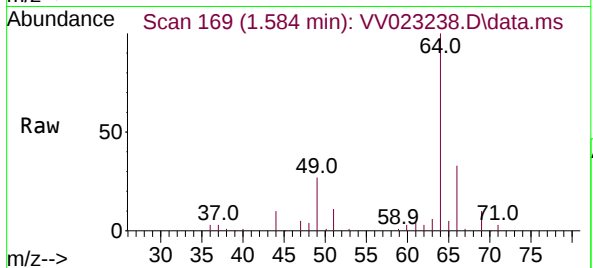
Tgt Ion: 94 Resp: 35852
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 122.1



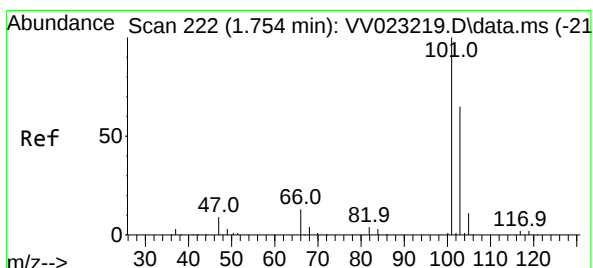
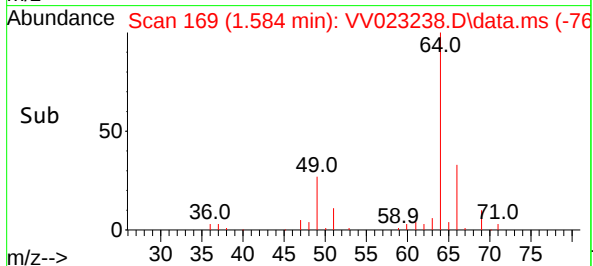
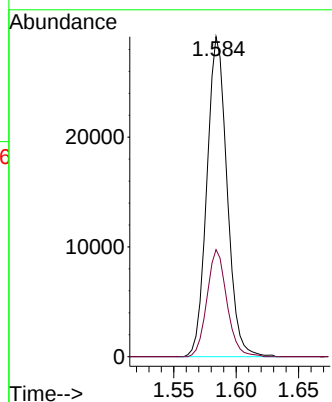


#8
Chloroethane
Concen: 5.075 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :

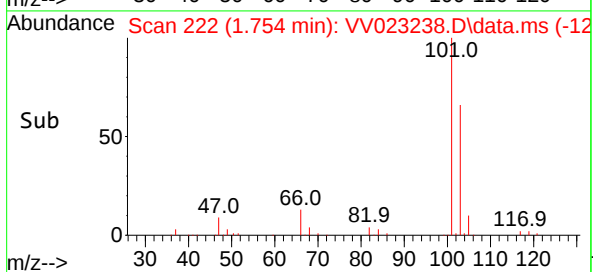
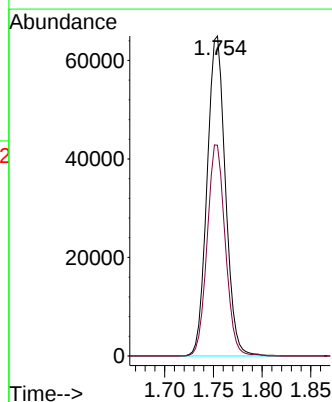
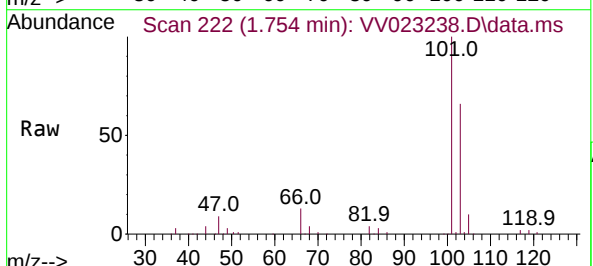


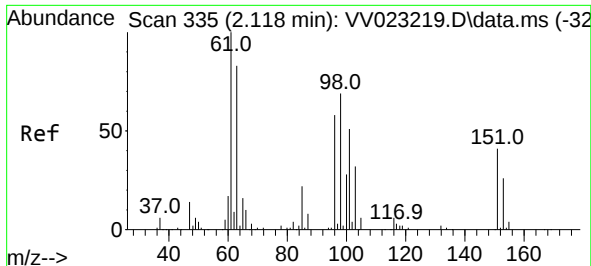
Tgt Ion: 64 Resp: 32874
Ion Ratio Lower Upper
64 100
66 33.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.035 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:101 Resp: 84919
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9

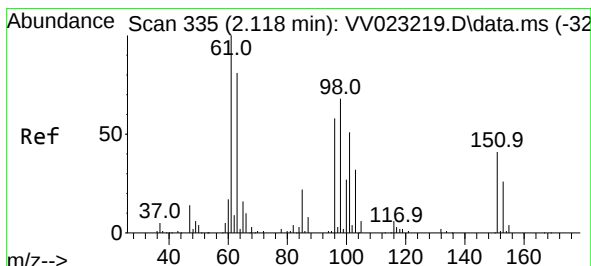
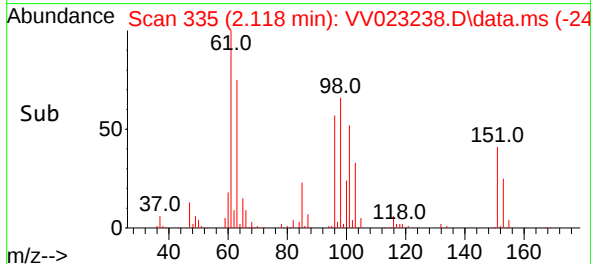
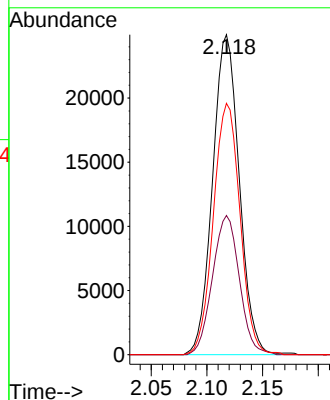
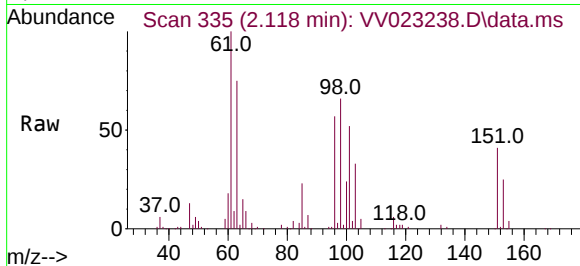




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.893 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

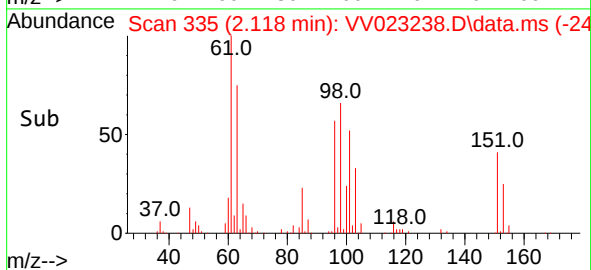
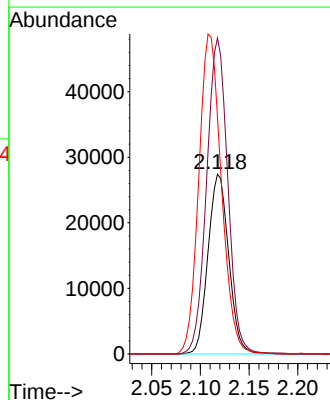
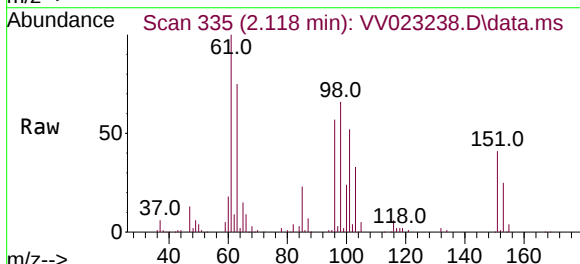
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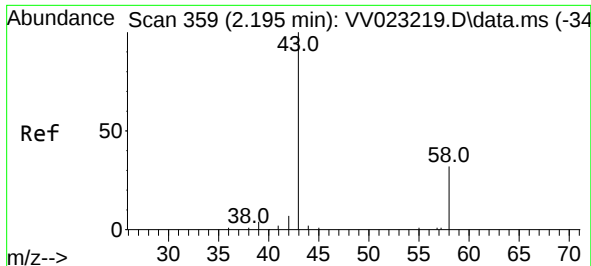
Tgt Ion:101 Resp: 41543
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.4 53.0
 151 78.7 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 5.005 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

Tgt Ion: 96 Resp: 40457
 Ion Ratio Lower Upper
 96 100
 61 175.7 117.7 218.7
 63 131.7 80.5 149.5





#13

Acetone

Concen: 44.996 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

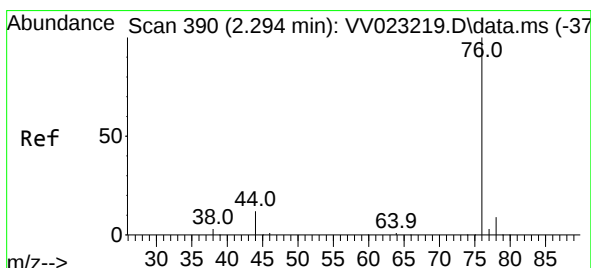
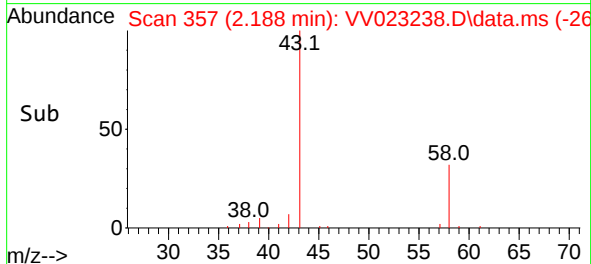
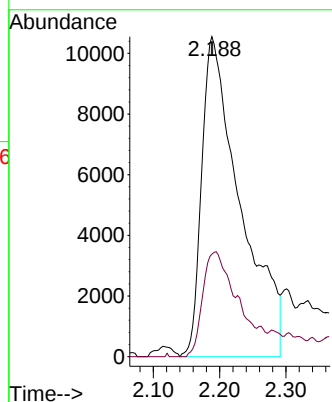
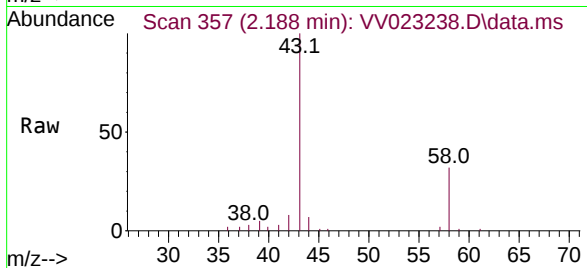
ClientSampleId :

Tgt Ion: 43 Resp: 42680

Ion Ratio Lower Upper

43 100

58 28.7 0.0 45.8



#14

Carbon disulfide

Concen: 4.935 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023238.D

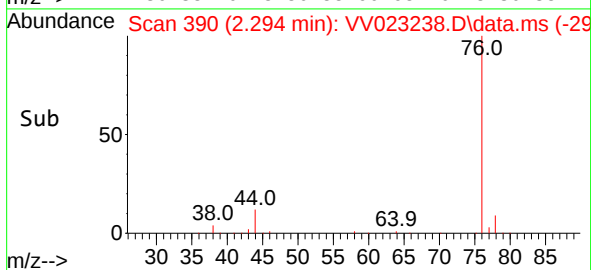
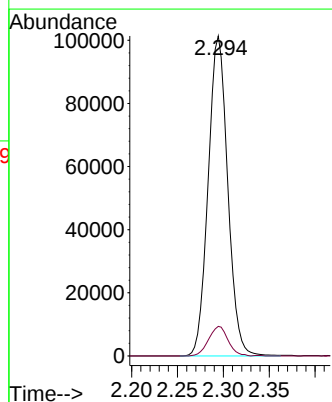
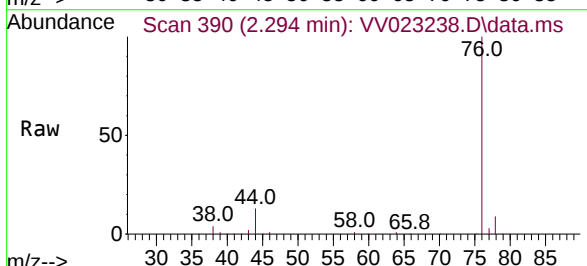
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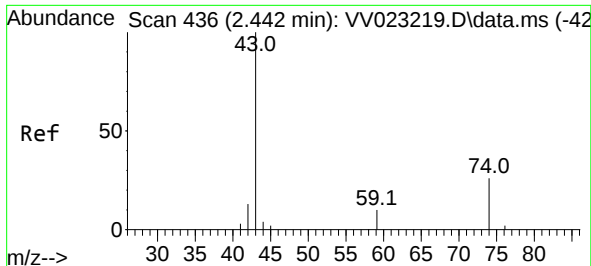
Tgt Ion: 76 Resp: 150556

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

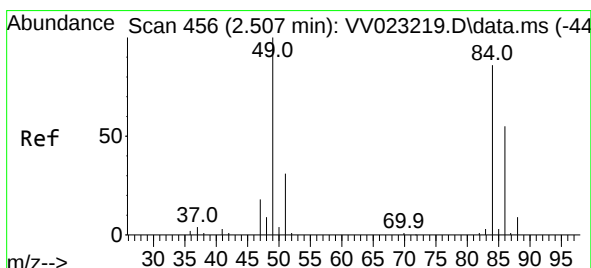
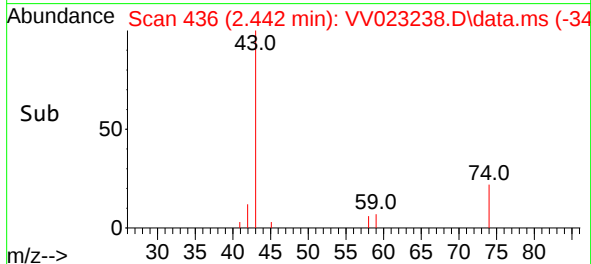
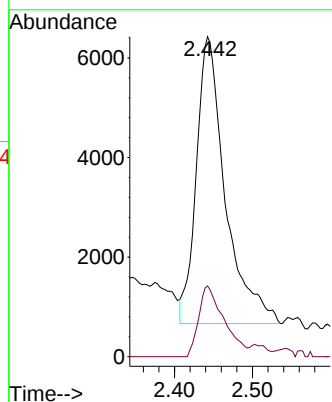
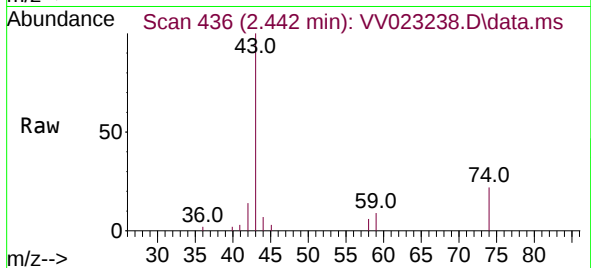




#15
Methyl Acetate
Concen: 4.099 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

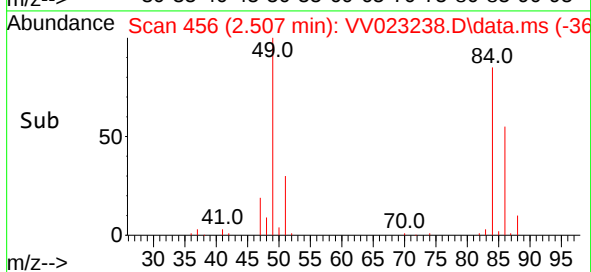
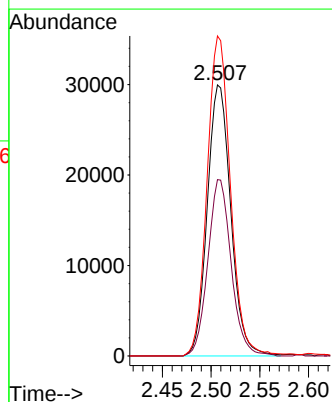
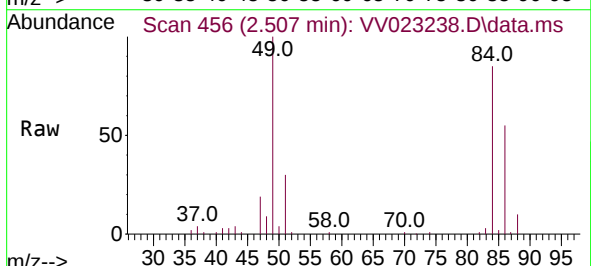
Instrument :
MSVOA_V
ClientSampleId :

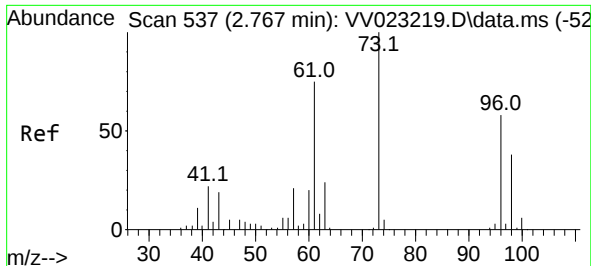
Tgt Ion: 43 Resp: 14869
Ion Ratio Lower Upper
43 100
74 21.7 16.0 24.0



#16
Methylene chloride
Concen: 4.264 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 84 Resp: 50301
Ion Ratio Lower Upper
84 100
86 65.0 43.3 80.5
49 118.1 84.1 156.1

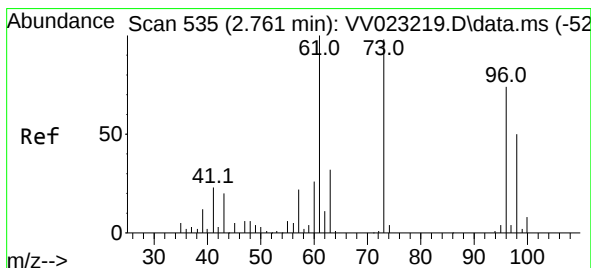
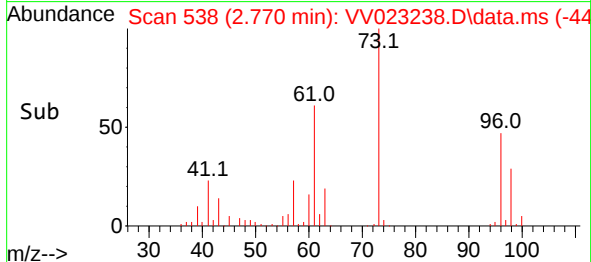
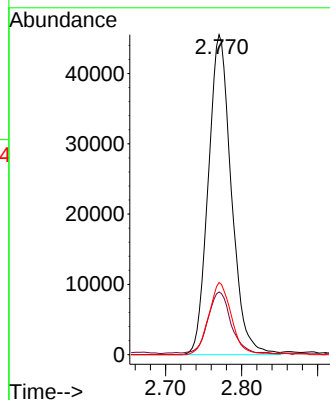
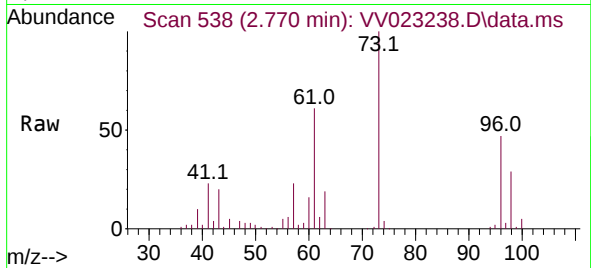




#17
Methyl tert-butyl Ether
Concen: 5.385 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

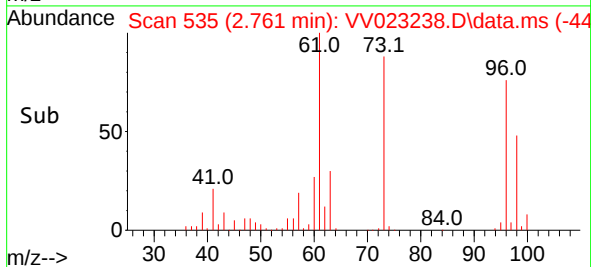
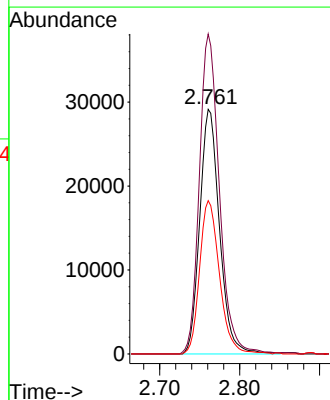
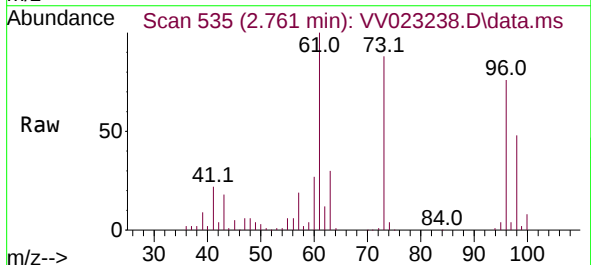
Instrument :
MSVOA_V
ClientSampleId :

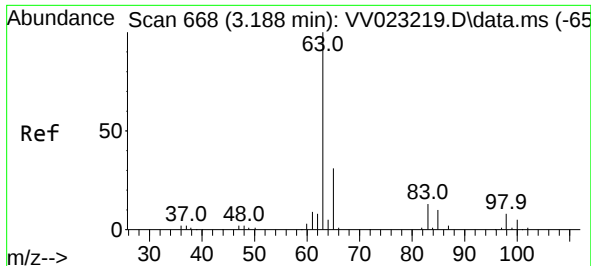
Tgt Ion: 73 Resp: 95835
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.4
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.055 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 96 Resp: 50237
Ion Ratio Lower Upper
96 100
61 130.8 89.2 165.6
98 62.6 41.9 77.9

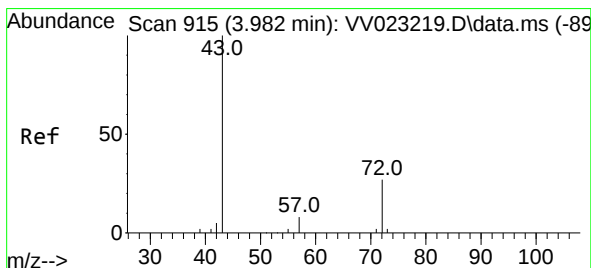
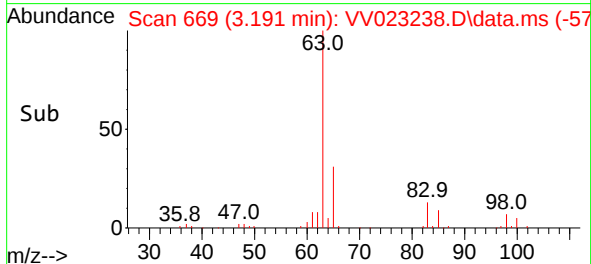
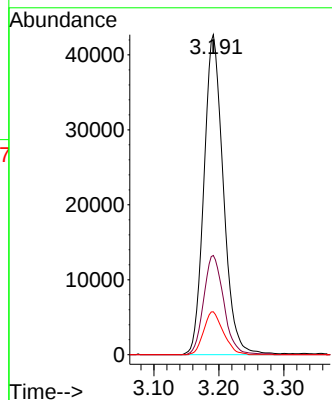
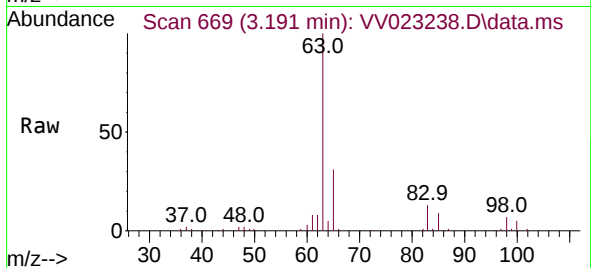




#19
1,1-Dichloroethane
Concen: 5.290 ug/L
RT: 3.191 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

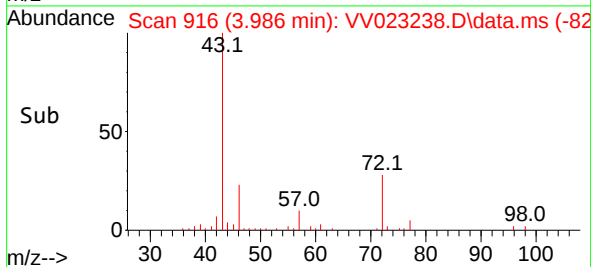
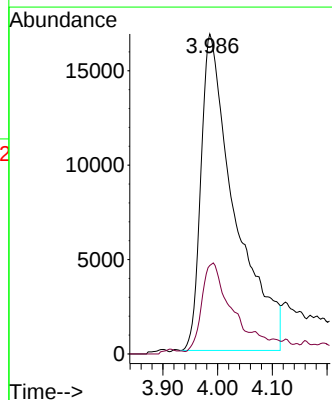
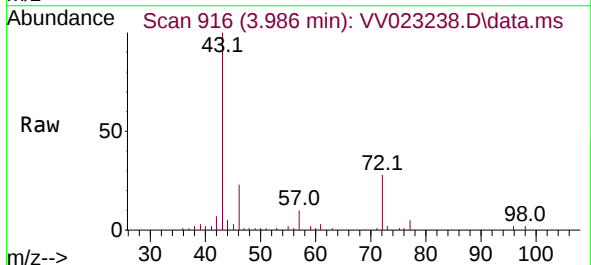
Instrument :
MSVOA_V
ClientSampleId :

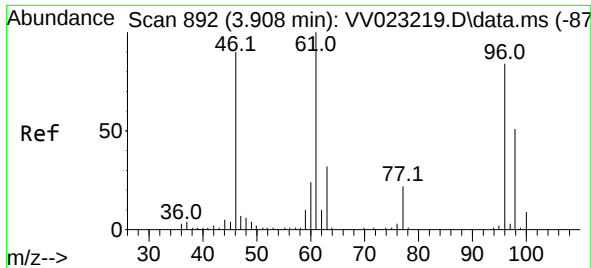
Tgt Ion: 63 Resp: 88763
Ion Ratio Lower Upper
63 100
65 31.0 21.6 40.2
83 13.4 9.8 18.2



#21
2-Butanone
Concen: 58.656 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

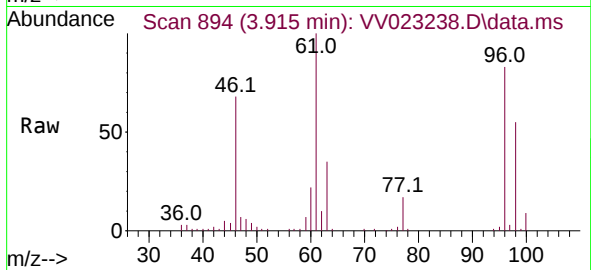
Tgt Ion: 43 Resp: 71843
Ion Ratio Lower Upper
43 100
72 23.0 11.6 34.7





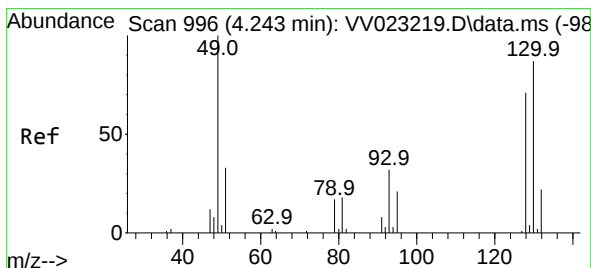
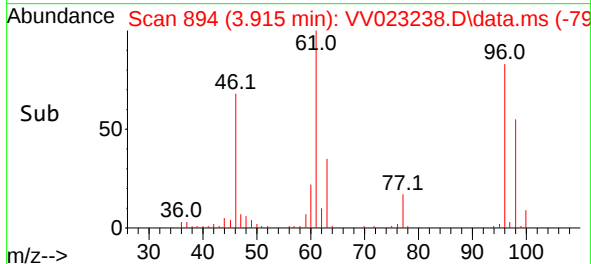
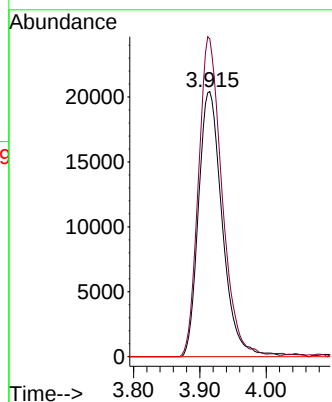
#22
 cis-1,2-Dichloroethene
 Concen: 5.306 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 50744

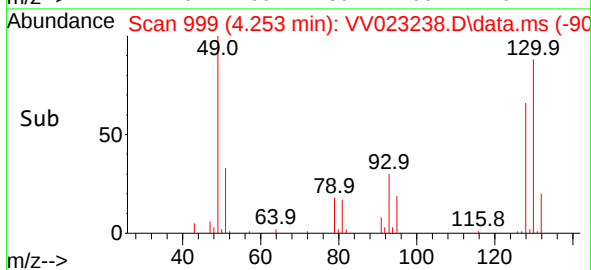
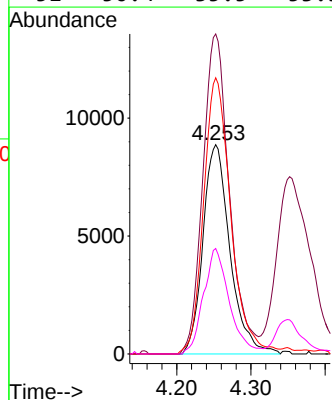
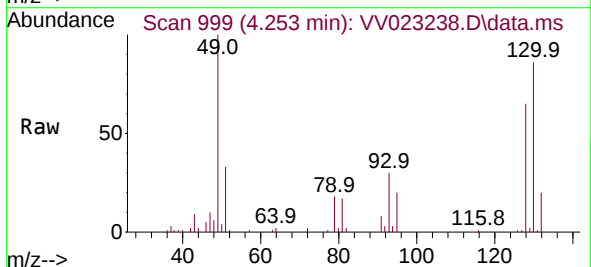
Ion	Ratio	Lower	Upper
96	100		
61	119.8	86.7	160.9
68	0.0	0.0	0.0

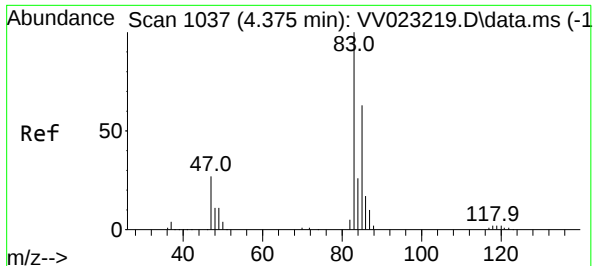


#23
 Bromochloromethane
 Concen: 5.083 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

Tgt Ion: 128 Resp: 22415

Ion	Ratio	Lower	Upper
128	100		
49	152.9	103.0	191.4
130	132.0	86.7	161.1
51	50.4	35.5	53.3





#25

Chloroform

Concen: 5.310 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

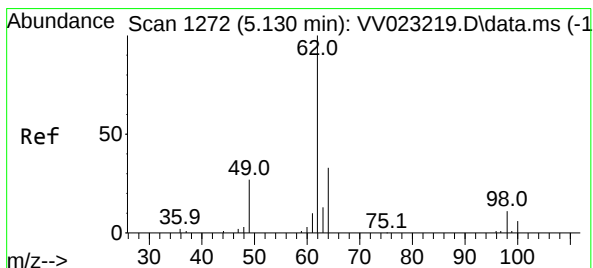
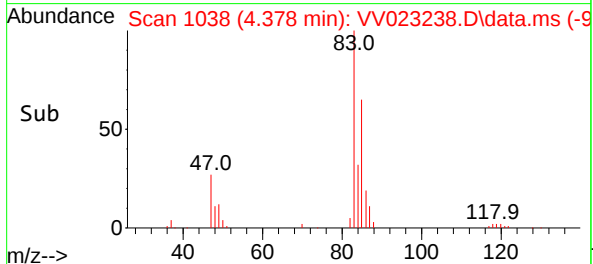
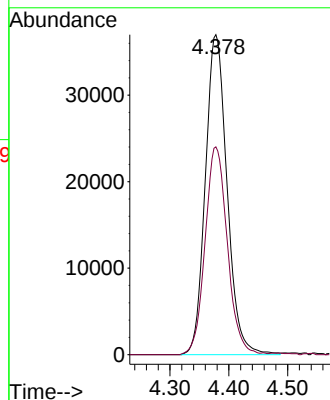
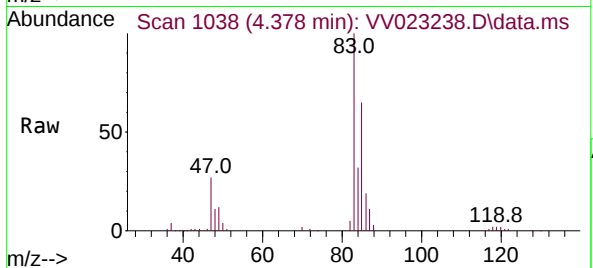
ClientSampleId :

Tgt Ion: 83 Resp: 94970

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.124 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023238.D

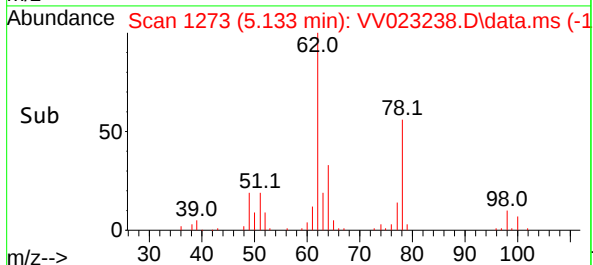
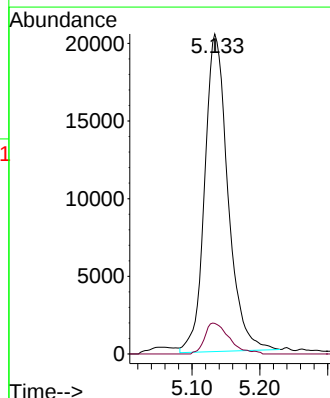
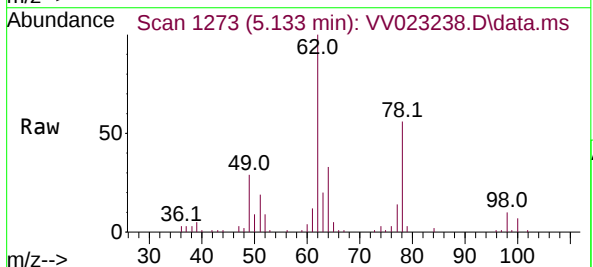
Acq: 05 Nov 2021 17:34

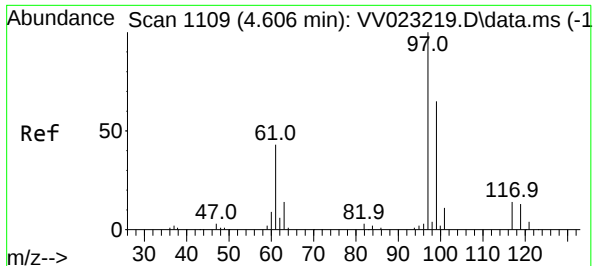
Tgt Ion: 62 Resp: 48747

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.071 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

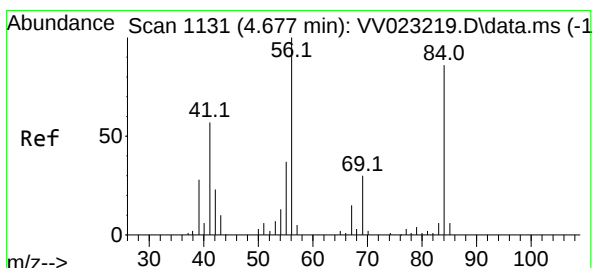
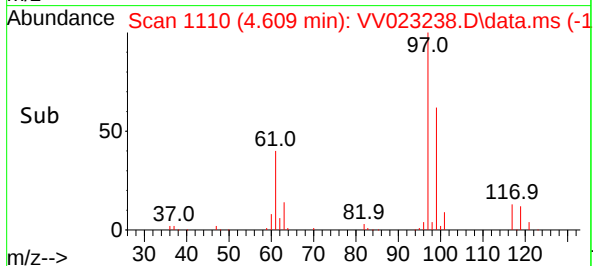
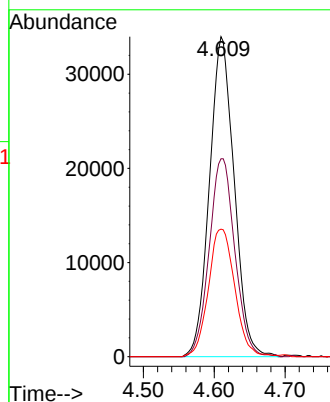
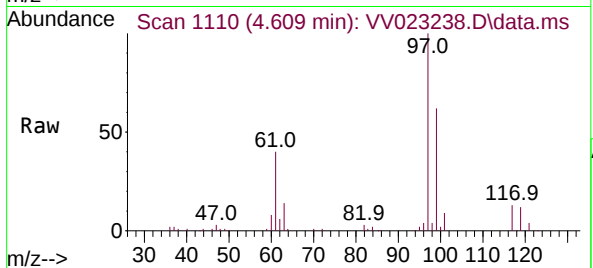
Tgt Ion: 97 Resp: 82377

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.6 33.5 50.3



#30

Cyclohexane

Concen: 4.970 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

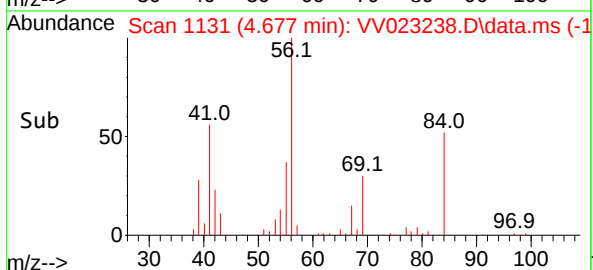
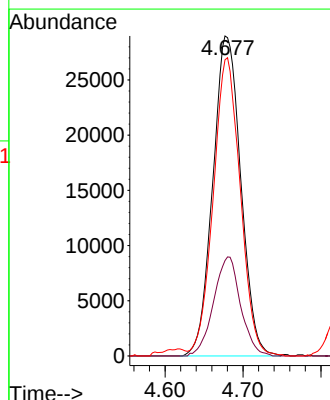
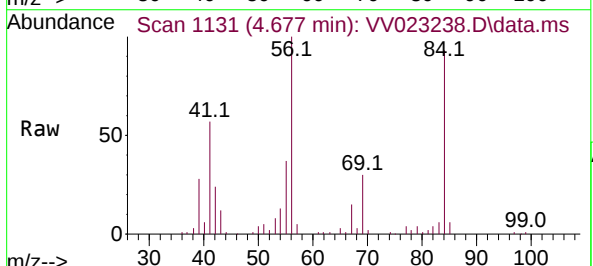
Tgt Ion: 56 Resp: 72343

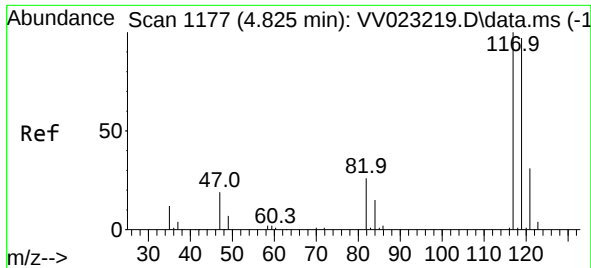
Ion Ratio Lower Upper

56 100

69 29.9 24.7 37.1

84 90.2 73.8 110.6

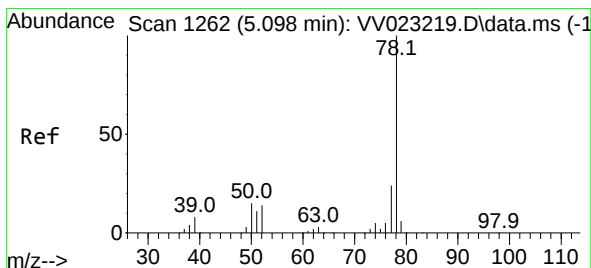
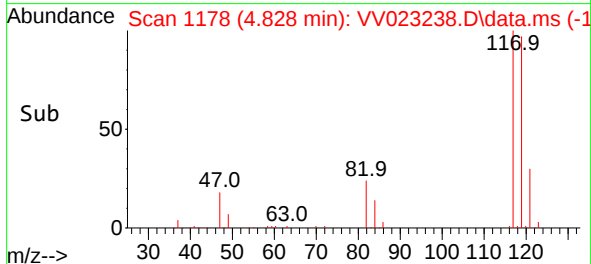
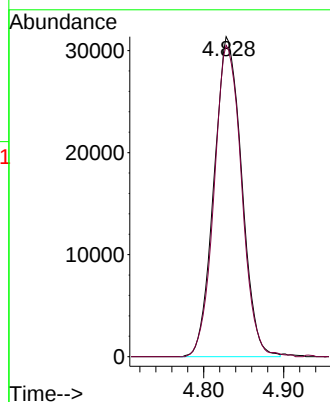
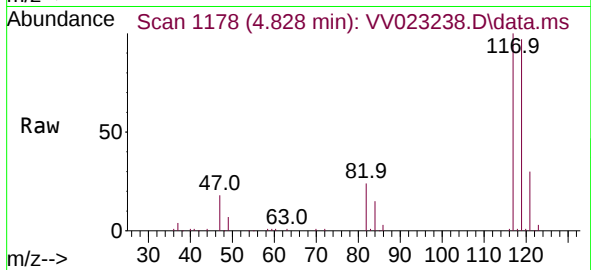




#31
Carbon tetrachloride
Concen: 5.165 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

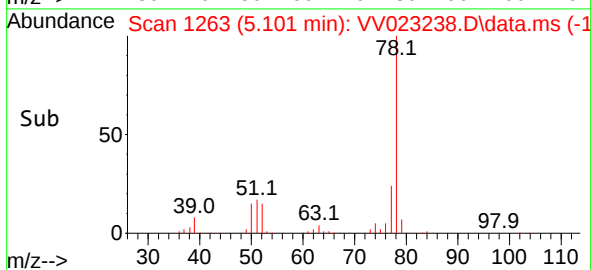
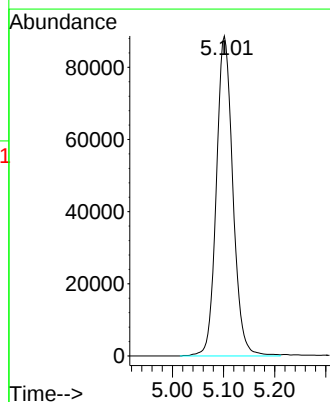
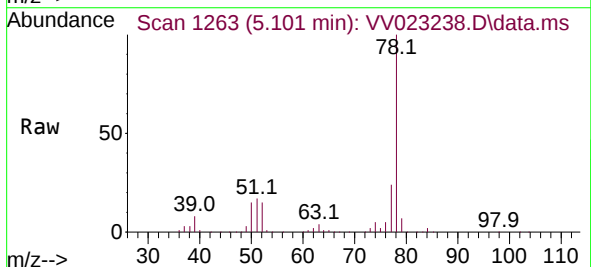
Instrument :
MSVOA_V
ClientSampleId :

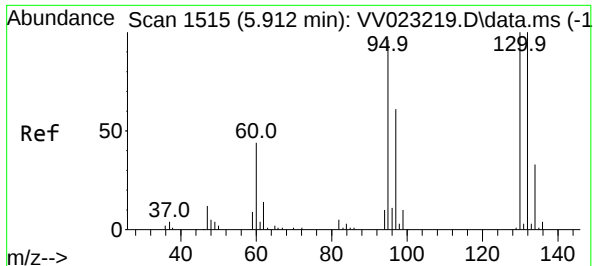
Tgt Ion:117 Resp: 75345
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#33
Benzene
Concen: 5.329 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 78 Resp: 199207

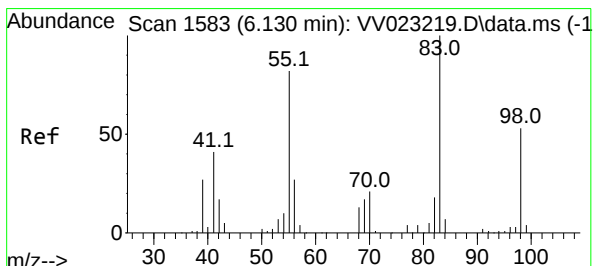
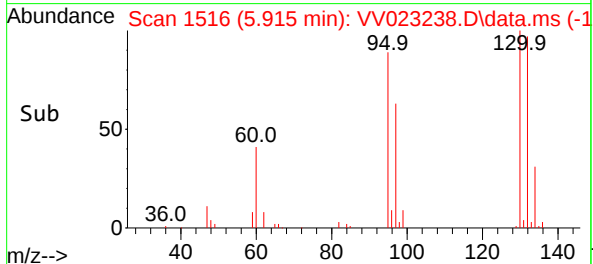
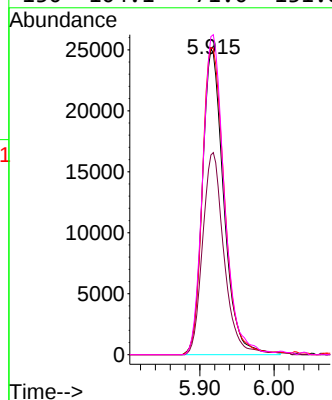
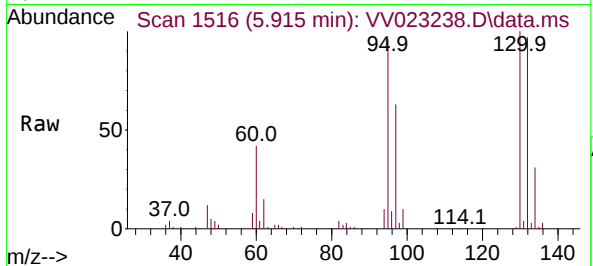




#34
Trichloroethene
Concen: 5.013 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

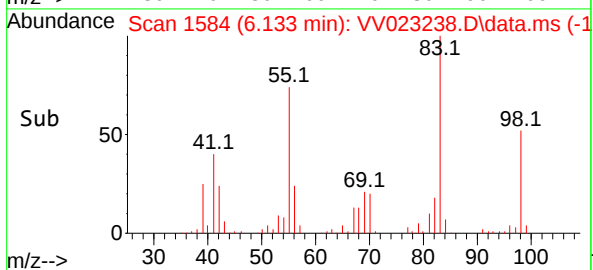
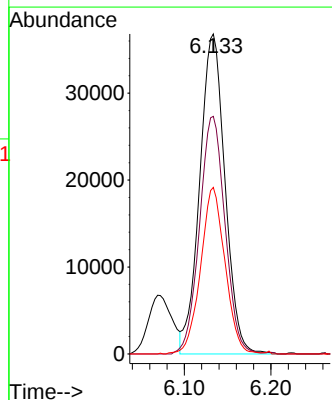
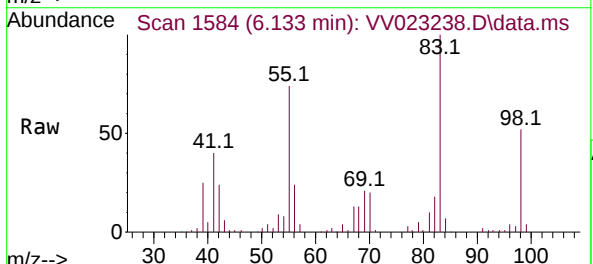
Instrument :
MSVOA_V
ClientSampleId :

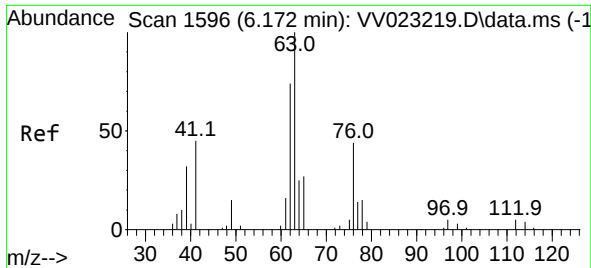
Tgt Ion: 95 Resp: 49837
Ion Ratio Lower Upper
95 100
97 65.3 43.3 80.5
132 100.5 70.0 130.0
130 104.1 71.0 131.8



#35
Methylcyclohexane
Concen: 4.762 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 83 Resp: 74714
Ion Ratio Lower Upper
83 100
55 74.9 59.6 89.4
98 50.3 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.338 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

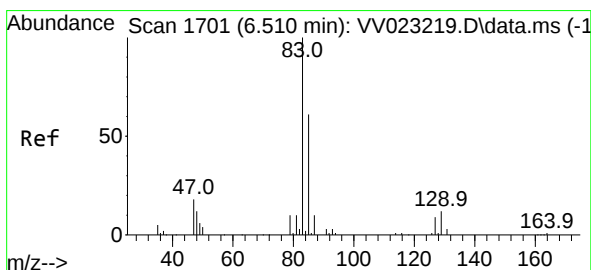
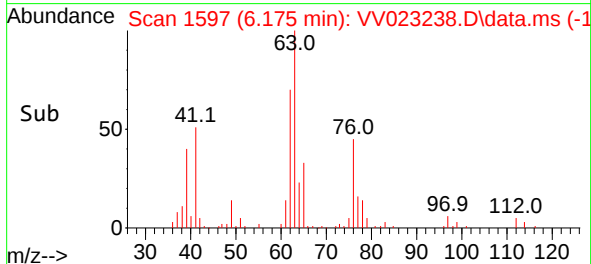
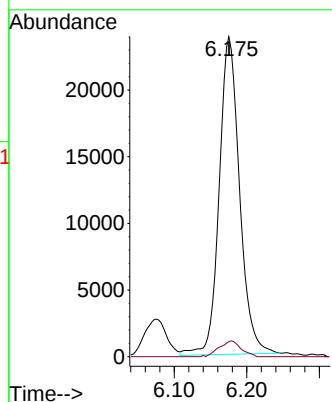
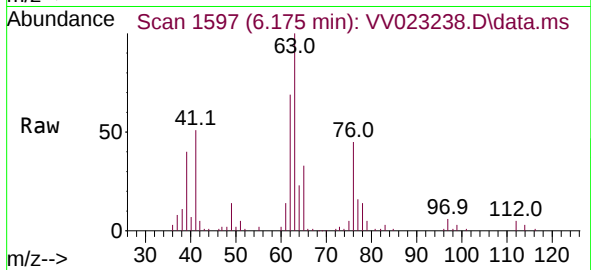
ClientSampleId :

Tgt Ion: 63 Resp: 46584

Ion Ratio Lower Upper

63 100

112 5.3 4.5 6.7



#38

Bromodichloromethane

Concen: 5.157 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

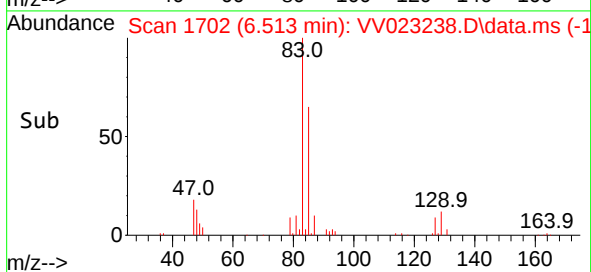
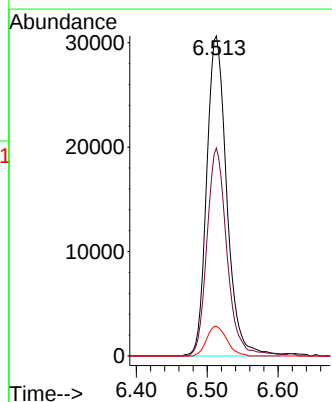
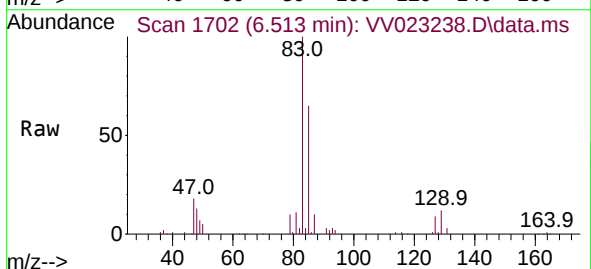
Tgt Ion: 83 Resp: 60312

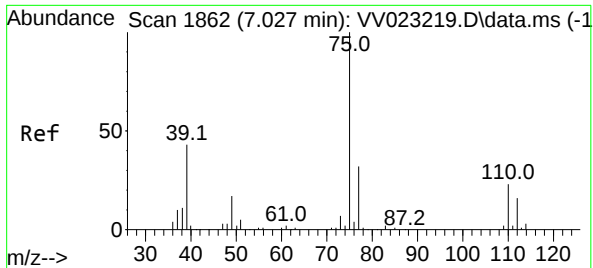
Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5

127 9.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.572 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

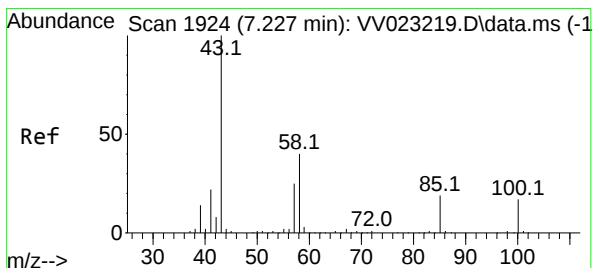
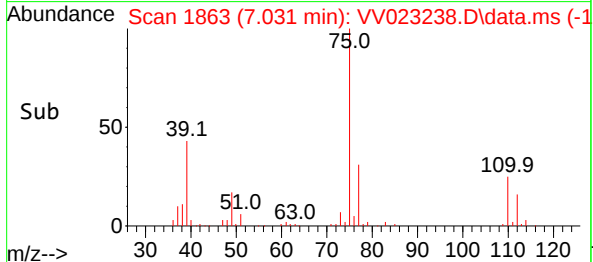
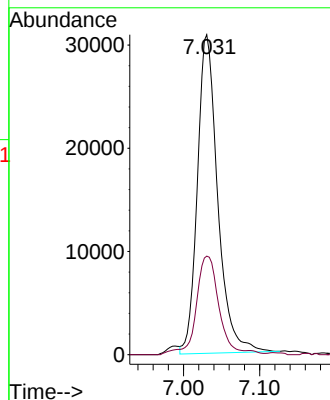
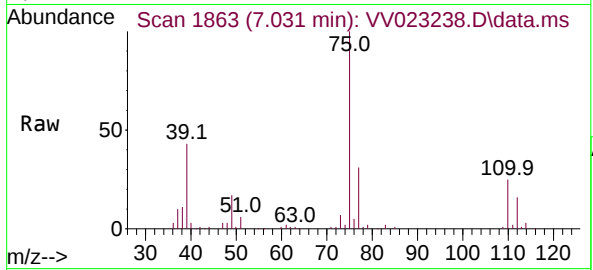
ClientSampleId :

Tgt Ion: 75 Resp: 57393

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 58.121 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

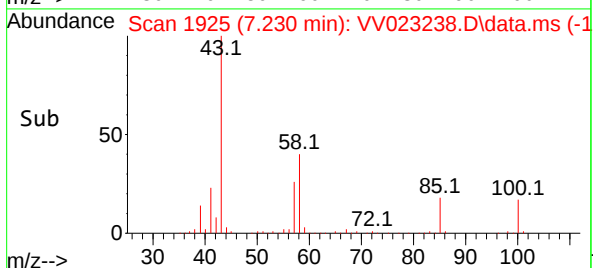
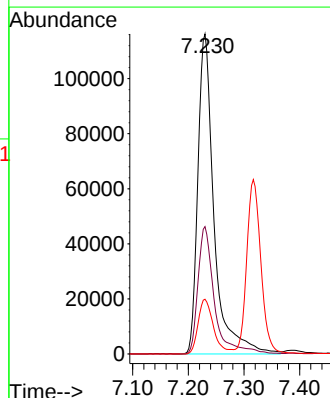
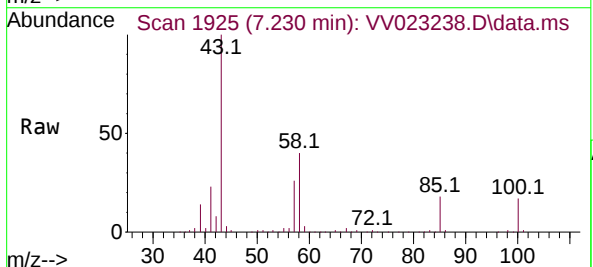
Tgt Ion: 43 Resp: 235246

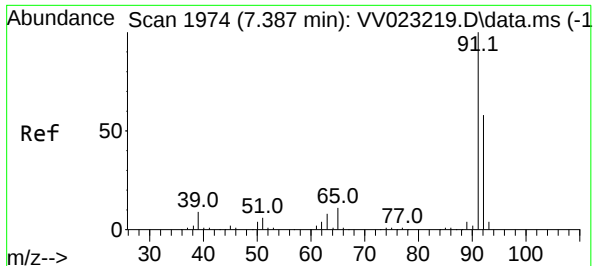
Ion Ratio Lower Upper

43 100

58 40.4 33.3 49.9

100 16.3 13.0 19.6

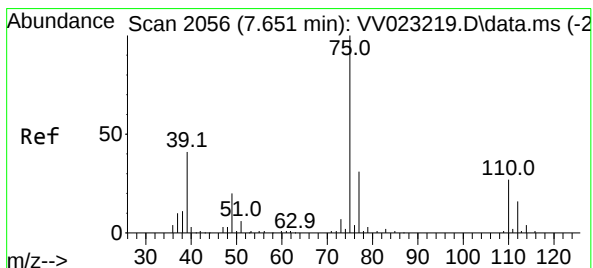
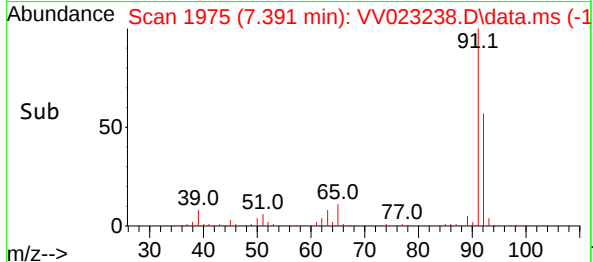
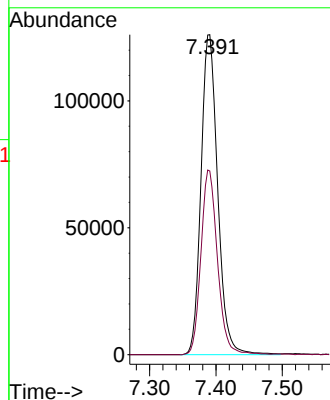
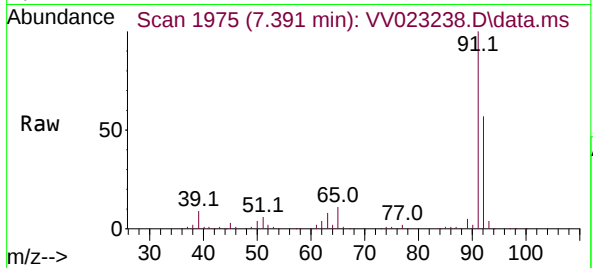




#42
Toluene
Concen: 5.514 ug/L
RT: 7.391 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

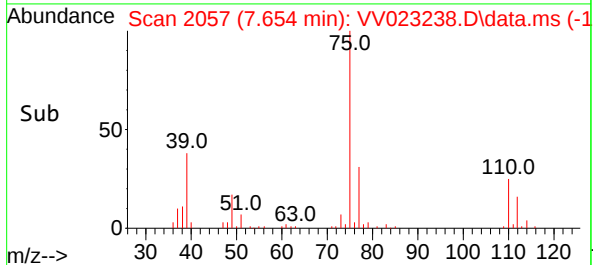
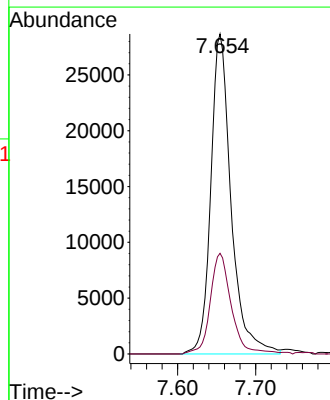
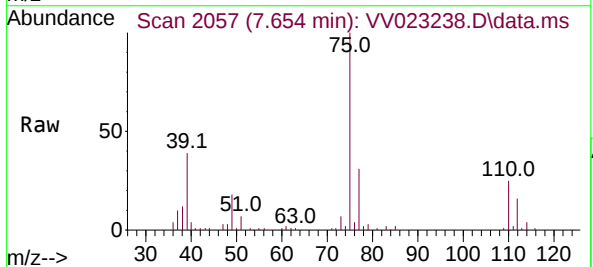
Instrument :
MSVOA_V
ClientSampleId :

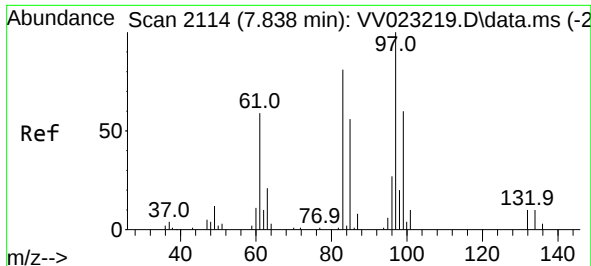
Tgt Ion: 91 Resp: 220485
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.989 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

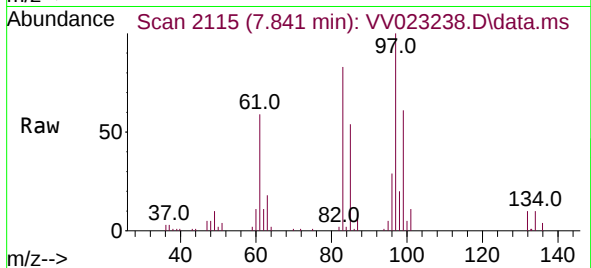
Tgt Ion: 75 Resp: 51958
Ion Ratio Lower Upper
75 100
77 31.5 21.3 39.6



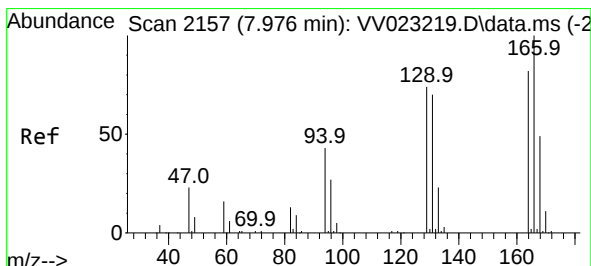
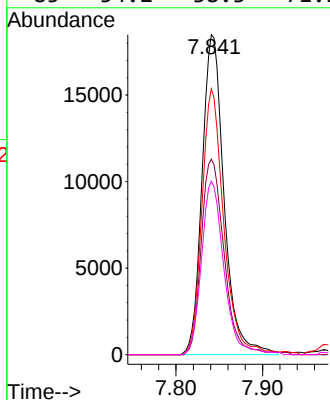
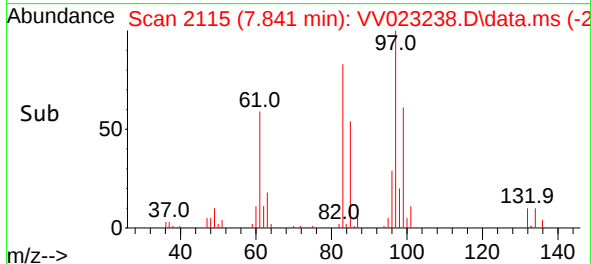


#45
1,1,2-Trichloroethane
Concen: 5.214 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

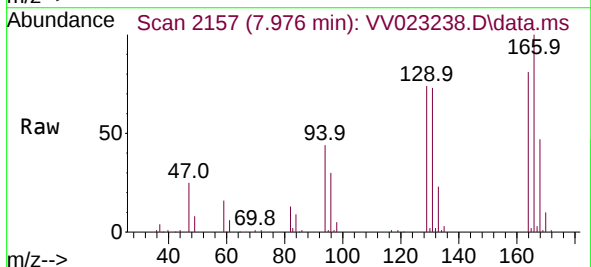
Instrument :
MSVOA_V
ClientSampleId :



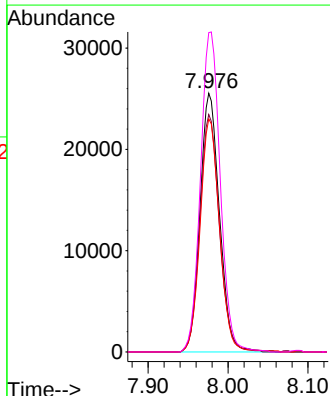
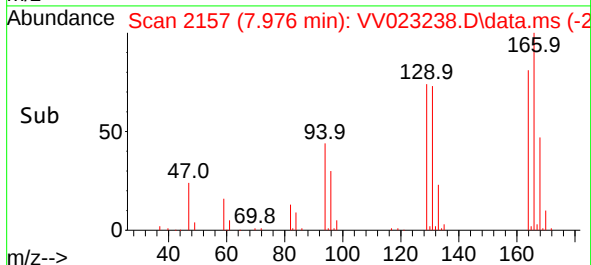
Tgt Ion: 97 Resp: 32697
Ion Ratio Lower Upper
97 100
99 61.1 47.0 87.4
83 83.1 62.6 116.3
85 54.2 38.3 71.1

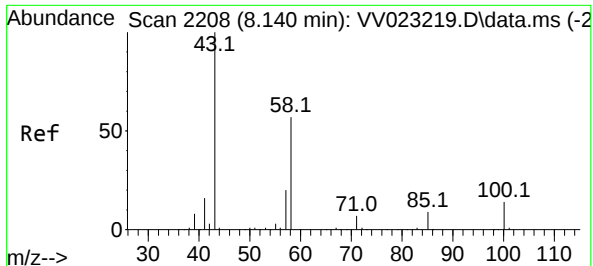


#47
Tetrachloroethene
Concen: 5.032 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion: 164 Resp: 43350
Ion Ratio Lower Upper
164 100
129 91.8 65.5 121.7
131 90.0 63.9 118.7
166 123.5 91.1 169.1

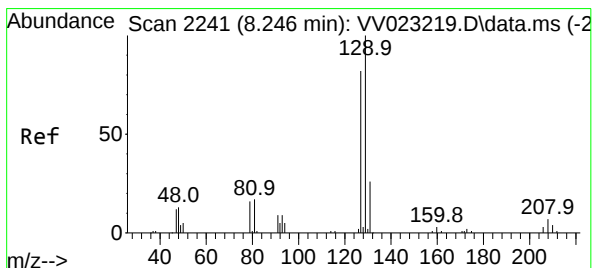
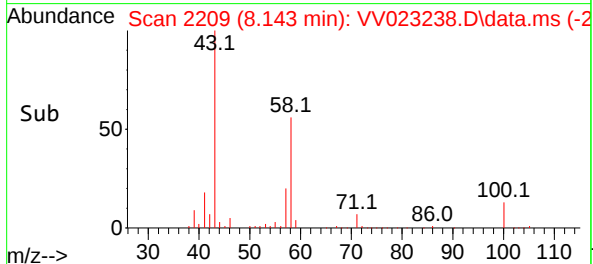
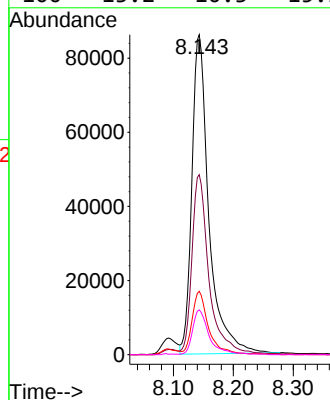
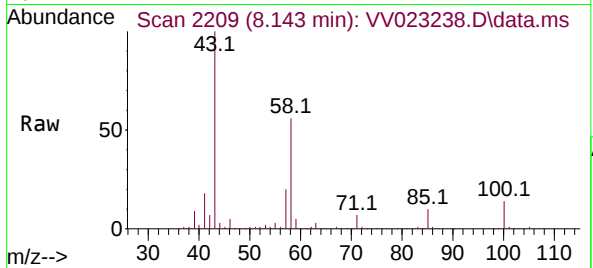




#48
2-Hexanone
Concen: 58.564 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

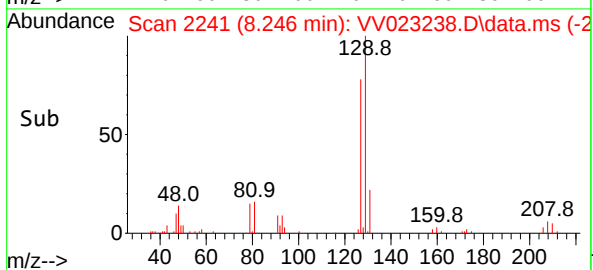
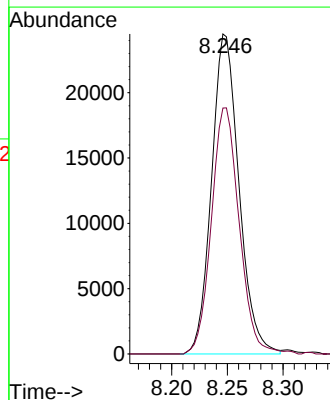
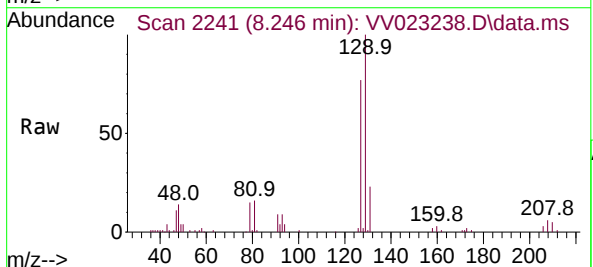
Instrument :
MSVOA_V
ClientSampleId :

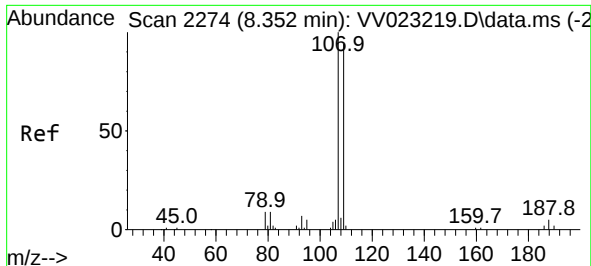
Tgt Ion: 43 Resp: 170010
Ion Ratio Lower Upper
43 100
58 55.9 43.0 64.6
57 18.6 14.9 22.3
100 13.2 10.3 15.5



#49
Dibromochloromethane
Concen: 5.282 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:129 Resp: 41965
Ion Ratio Lower Upper
129 100
127 76.8 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.271 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023238.D

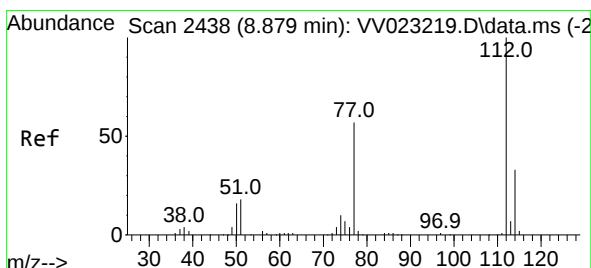
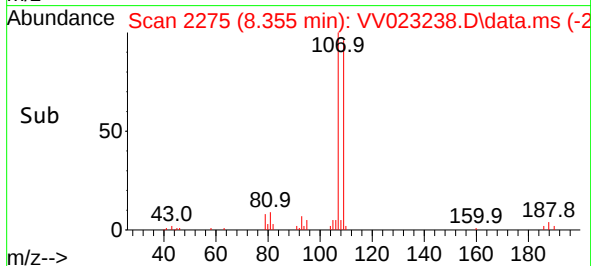
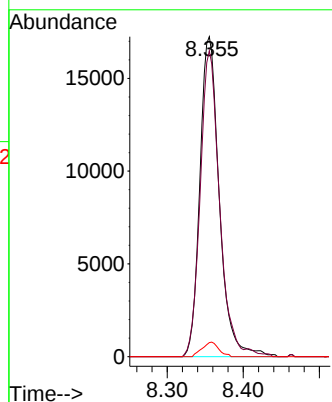
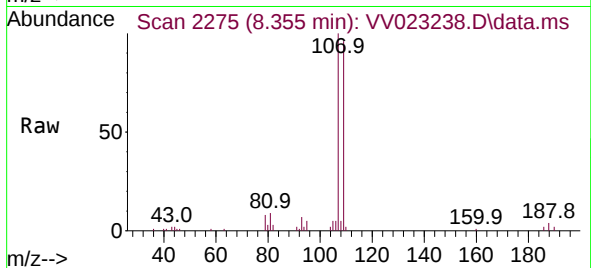
Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30631
Ion	Ratio	Lower	Upper
107	100		
109	95.6	67.0	124.4
188	4.4	2.9	4.3#



#51

Chlorobenzene

Concen: 5.149 ug/L

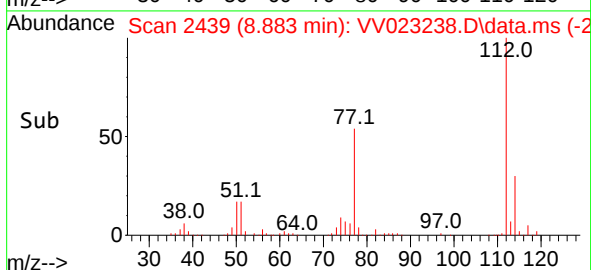
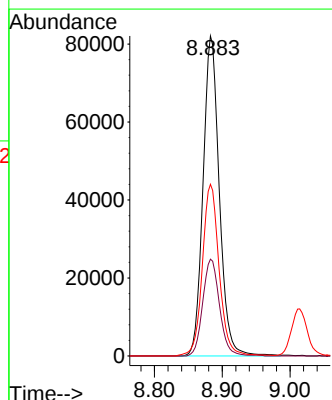
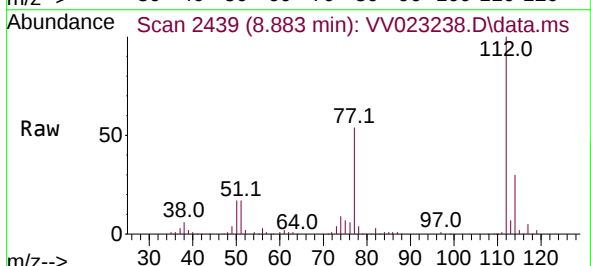
RT: 8.883 min Scan# 2439

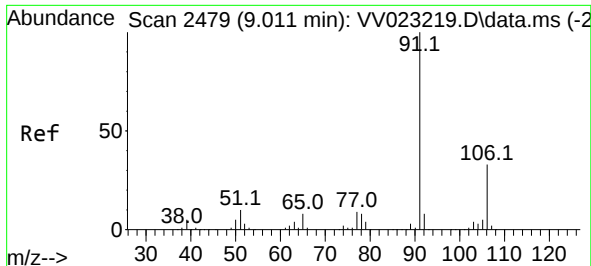
Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Tgt Ion:	112	Resp:	136831
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.4	41.6
77	53.7	43.8	65.8

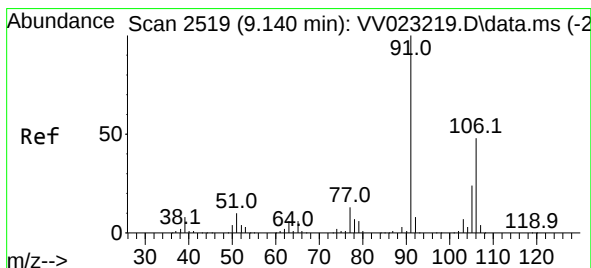
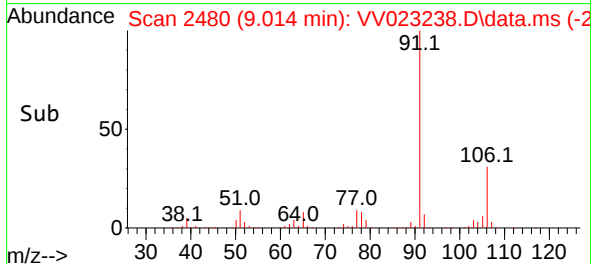
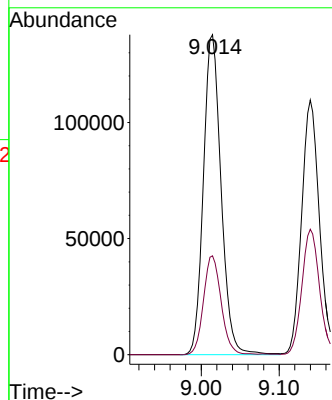
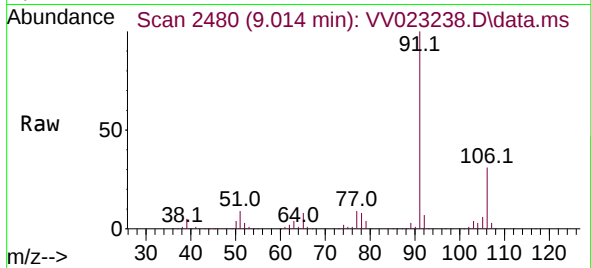




#52
Ethylbenzene
Concen: 5.159 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

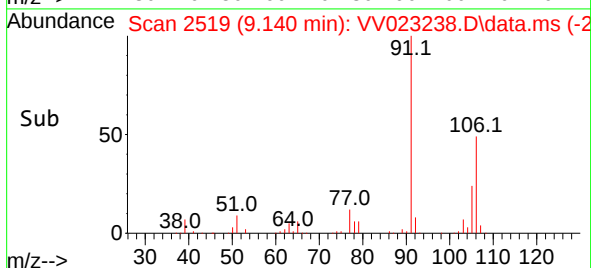
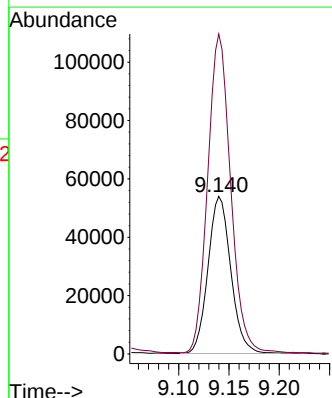
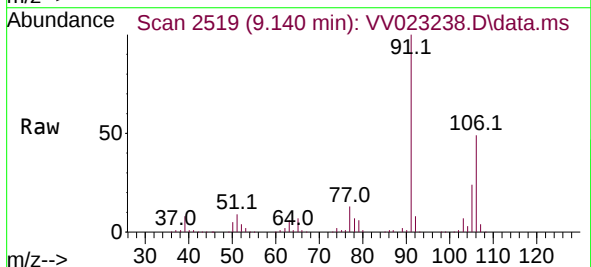
Instrument :
MSVOA_V
ClientSampleId :

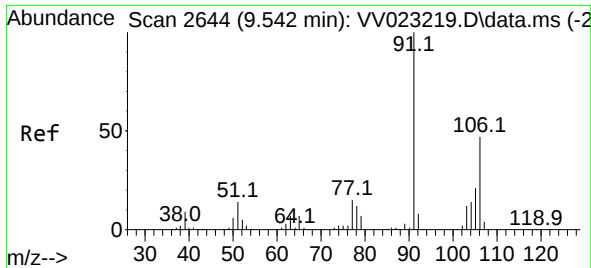
Tgt Ion: 91 Resp: 217551
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.5



#53
m,p-xylene
Concen: 5.128 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 106 Resp: 84874
Ion Ratio Lower Upper
106 100
91 203.1 140.1 260.1

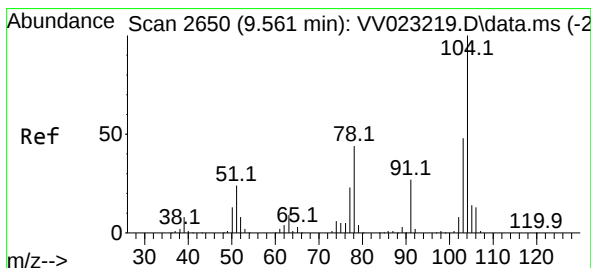
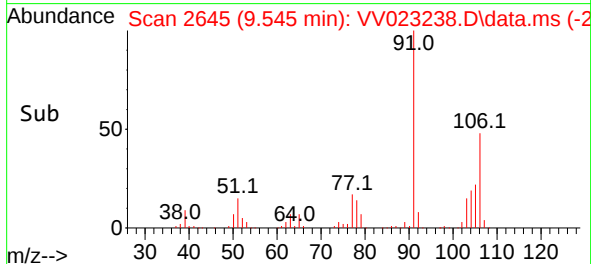
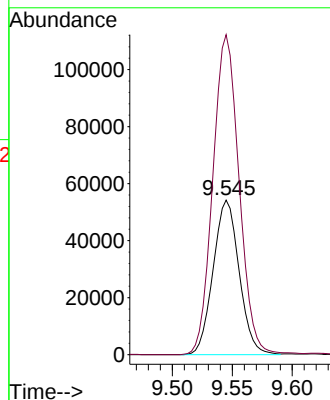
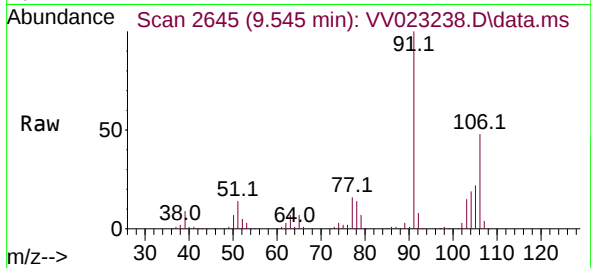




#54
o-xylene
Concen: 5.261 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

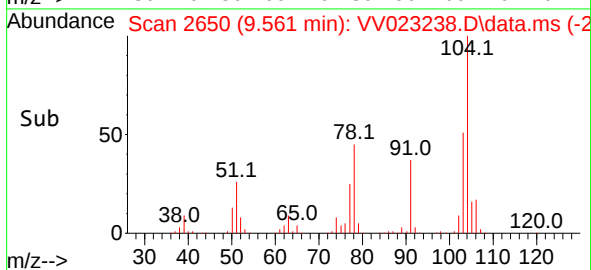
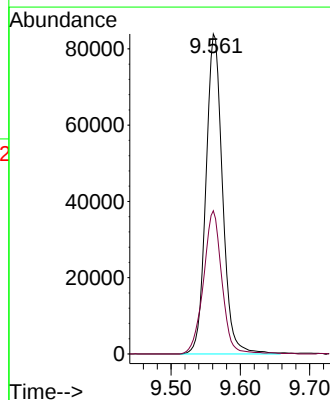
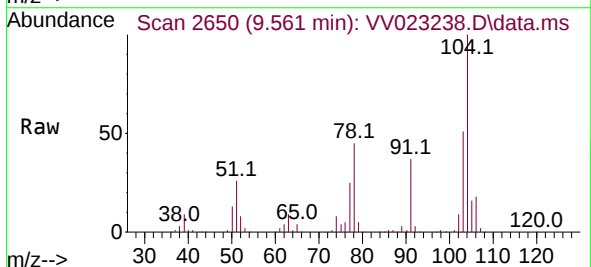
Instrument :
MSVOA_V
ClientSampleId :

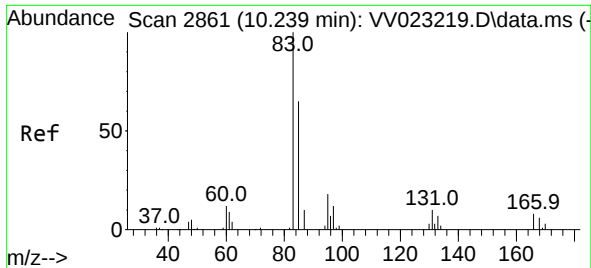
Tgt Ion:106 Resp: 81678
Ion Ratio Lower Upper
106 100
91 207.1 148.1 275.1



#55
Styrene
Concen: 5.239 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:104 Resp: 139345
Ion Ratio Lower Upper
104 100
78 44.7 30.4 56.5

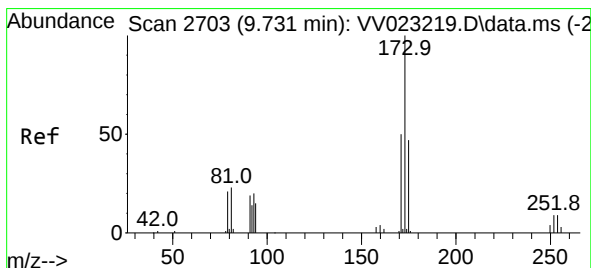
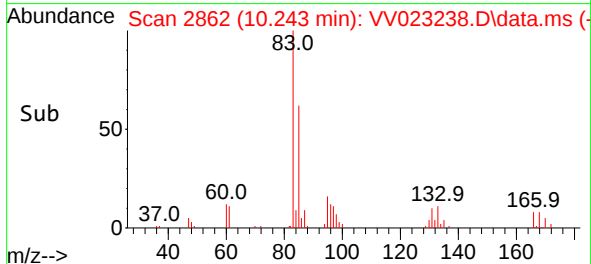
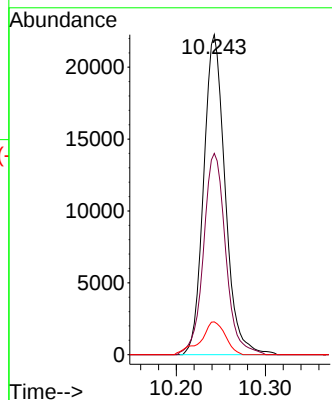
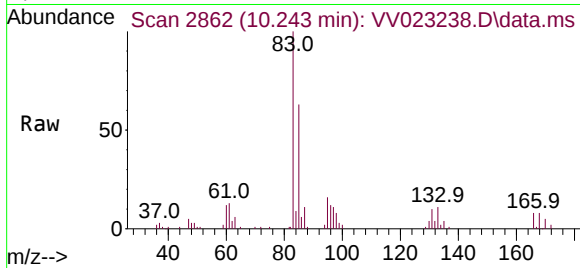




#57
1,1,2,2-Tetrachloroethane
Concen: 5.424 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

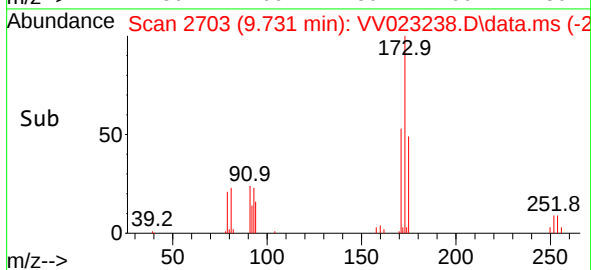
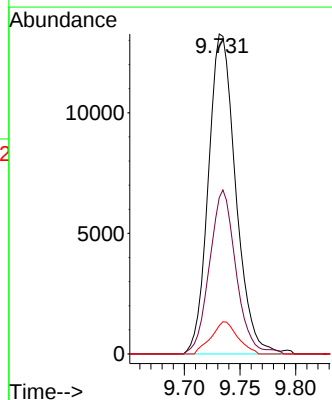
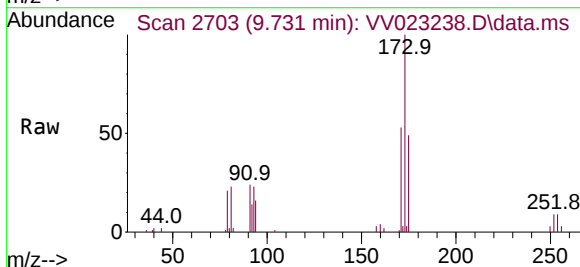
Instrument :
MSVOA_V
ClientSampleId :

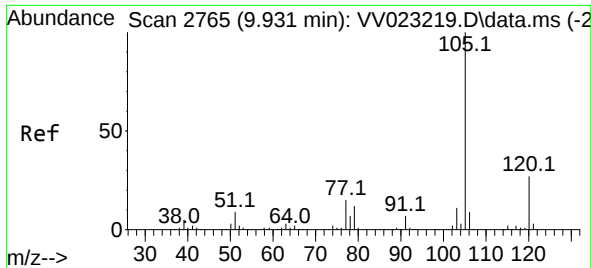
Tgt Ion: 83 Resp: 37264
Ion Ratio Lower Upper
83 100
85 62.9 46.2 85.8
131 10.3 8.7 13.1



#59
Bromoform
Concen: 5.139 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 173 Resp: 22641
Ion Ratio Lower Upper
173 100
175 49.7 39.7 59.5
254 9.8 6.6 10.0

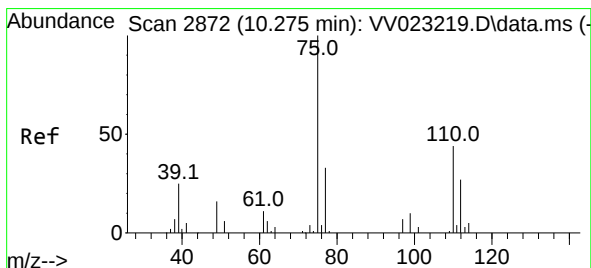
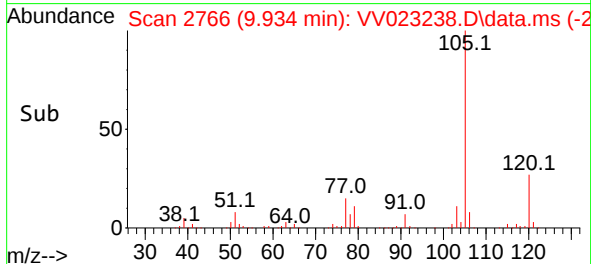
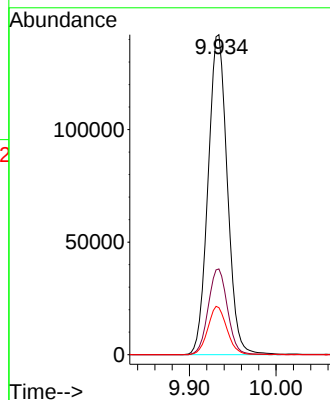
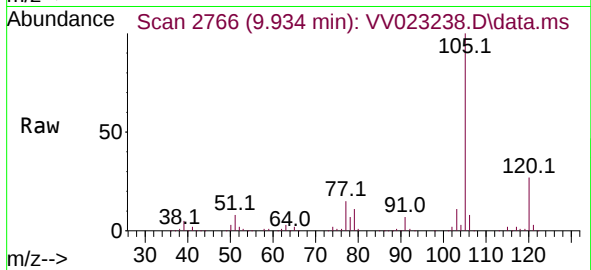




#60
Isopropylbenzene
Concen: 5.182 ug/L
RT: 9.934 min Scan# 219341
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

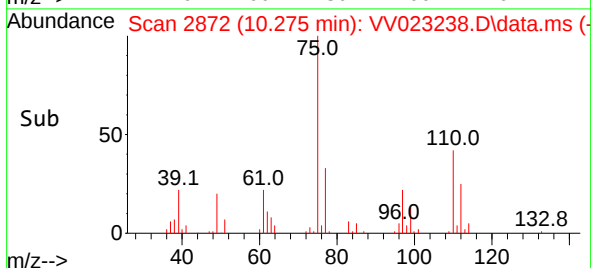
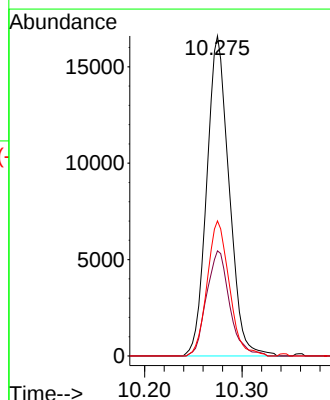
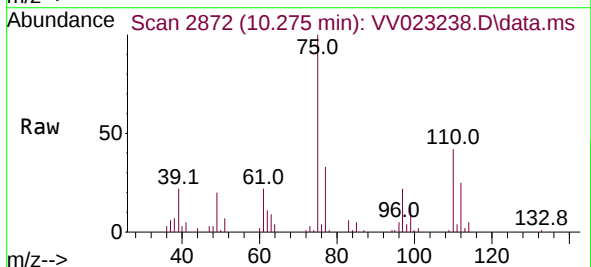
Instrument :
MSVOA_V
ClientSampleId :

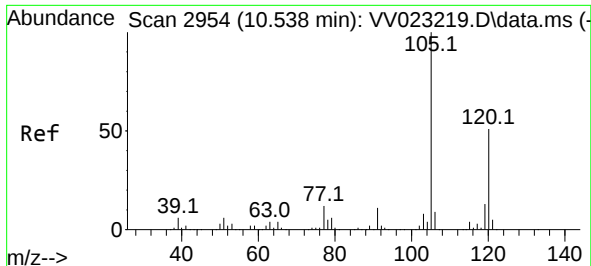
Tgt Ion:105 Resp: 219341
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.402 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 75 Resp: 26472
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
110 41.7 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 5.010 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

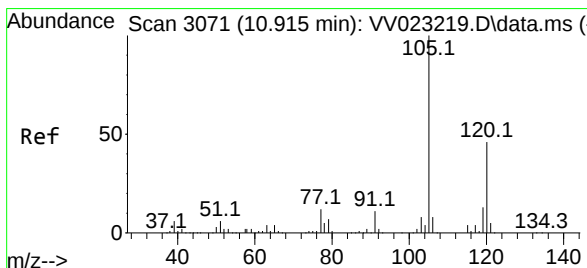
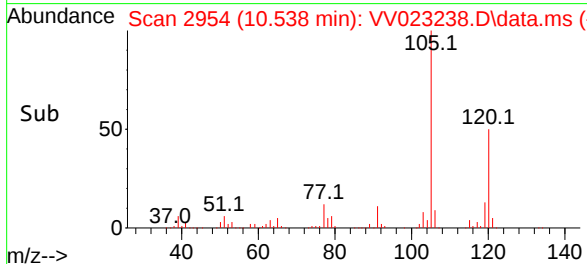
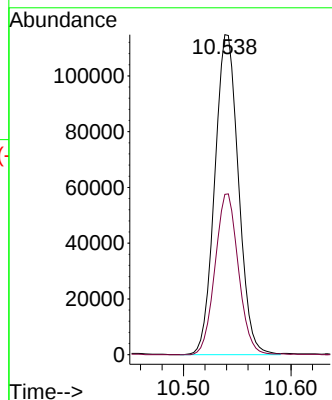
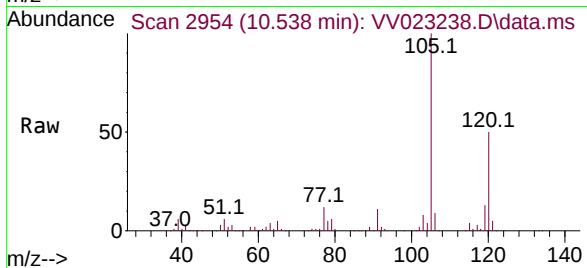
ClientSampleId :

Tgt Ion:105 Resp: 175836

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.230 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023238.D

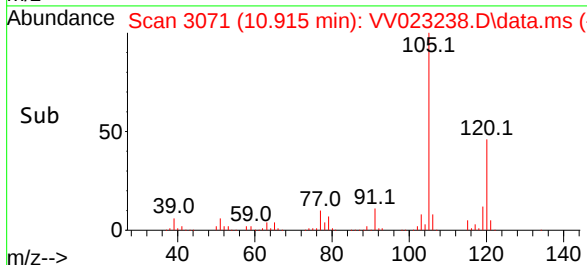
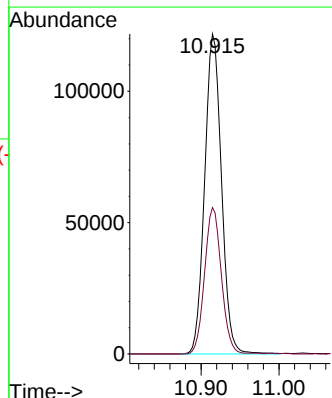
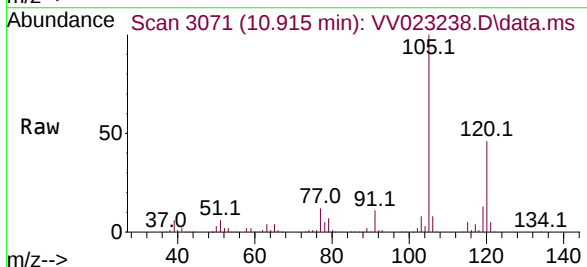
Acq: 05 Nov 2021 17:34

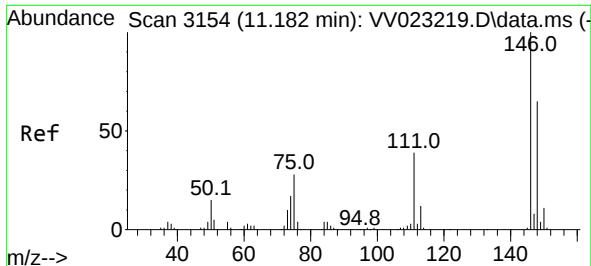
Tgt Ion:105 Resp: 182725

Ion Ratio Lower Upper

105 100

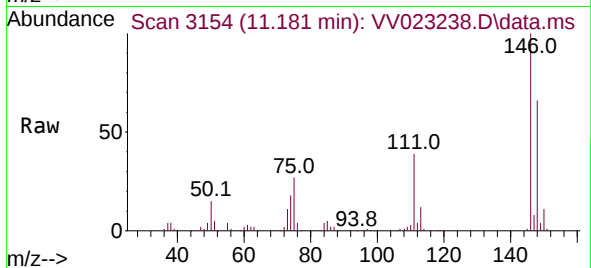
120 45.7 36.5 54.7



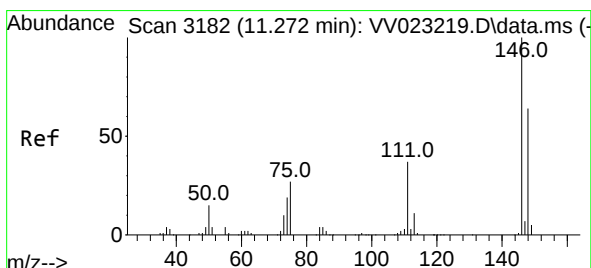
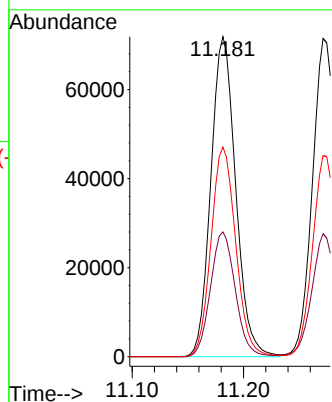
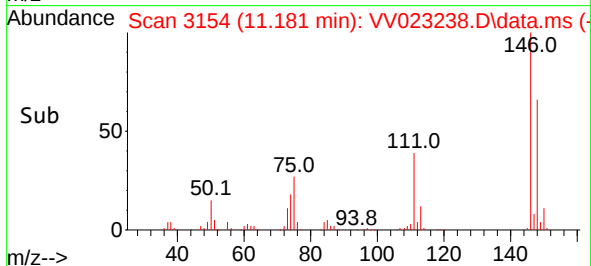


#64
1,3-Dichlorobenzene
Concen: 5.144 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

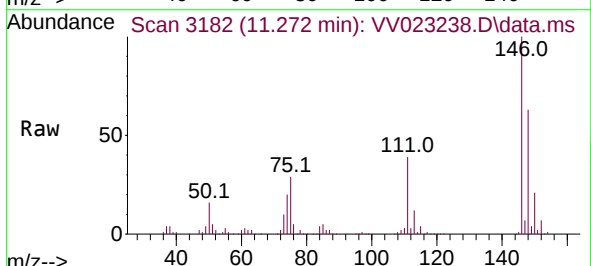
Instrument :
MSVOA_V
ClientSampleId :



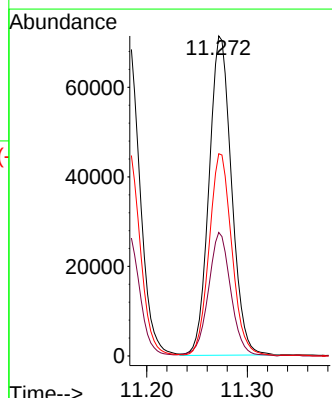
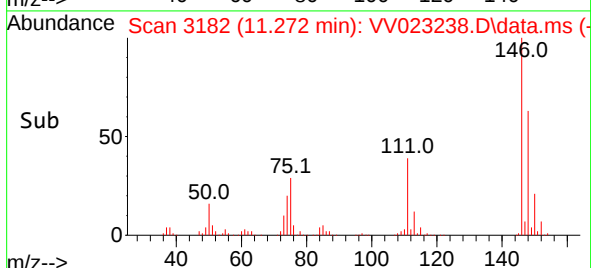
Tgt Ion:146 Resp: 111255
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.3
148 65.5 44.9 83.5

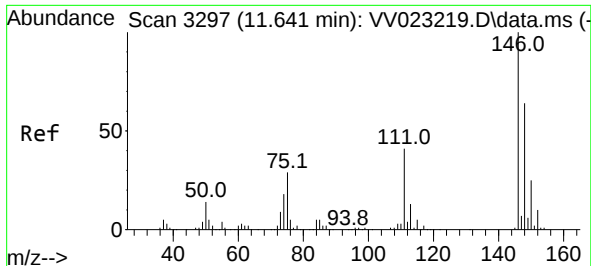


#65
1,4-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion:146 Resp: 110945
Ion Ratio Lower Upper
146 100
111 38.6 26.1 48.5
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.255 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

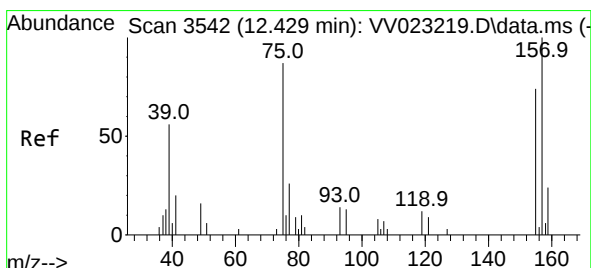
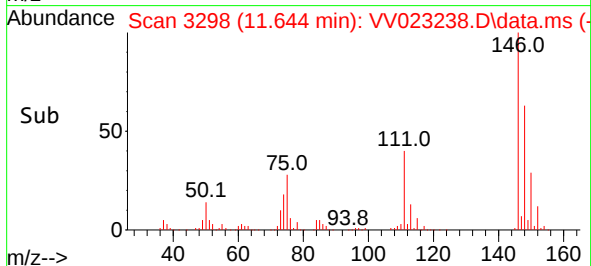
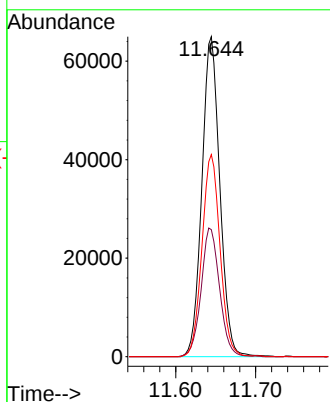
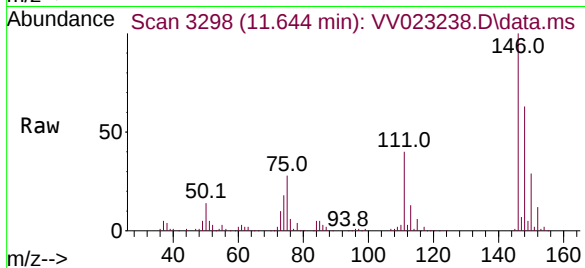
Tgt Ion:146 Resp: 101702

Ion Ratio Lower Upper

146 100

111 39.7 31.3 46.9

148 63.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.381 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

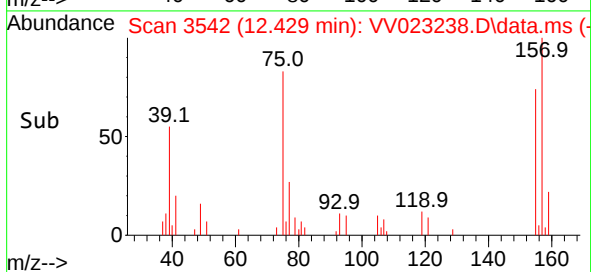
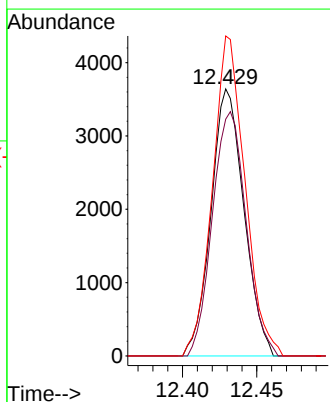
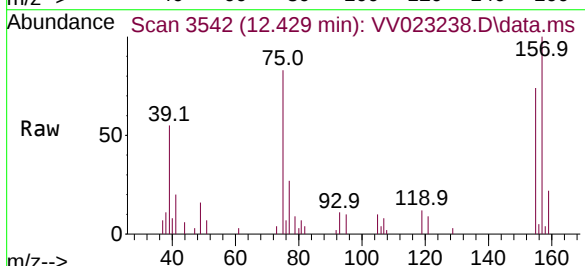
Tgt Ion: 75 Resp: 5618

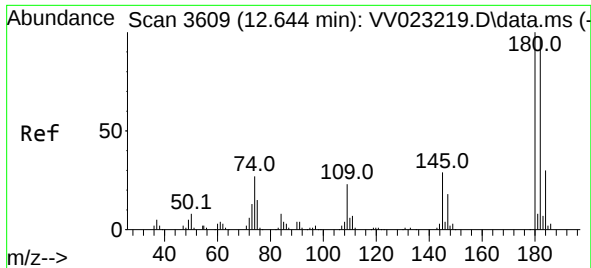
Ion Ratio Lower Upper

75 100

155 88.7 69.4 104.2

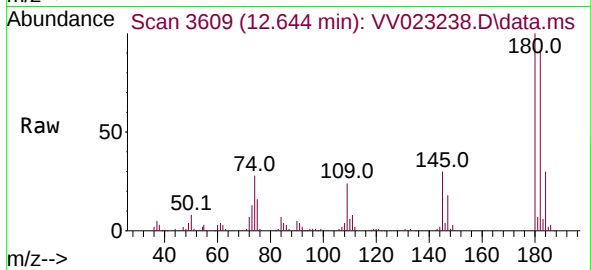
157 119.9 92.8 139.2



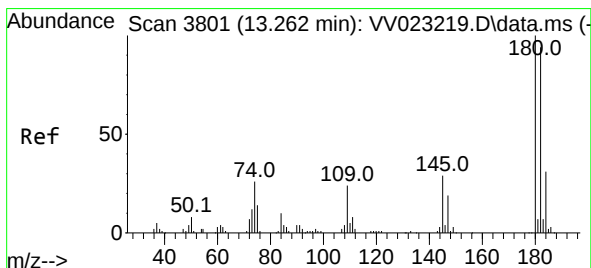
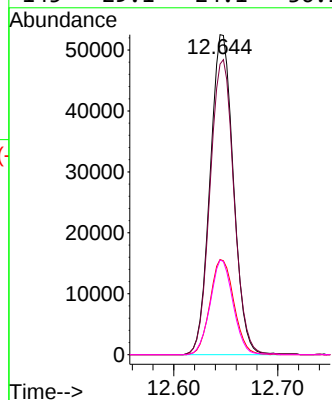
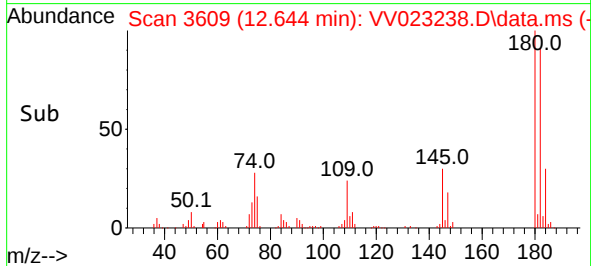


#69
 1,3,5-Trichlorobenzene
 Concen: 4.828 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

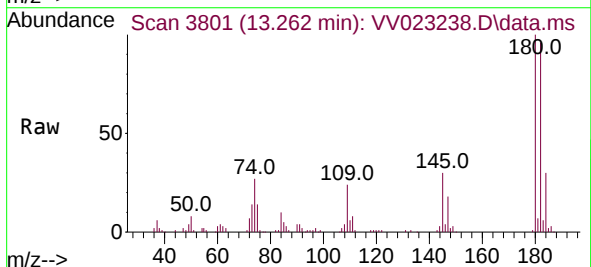
Instrument :
 MSVOA_V
 ClientSampleId :



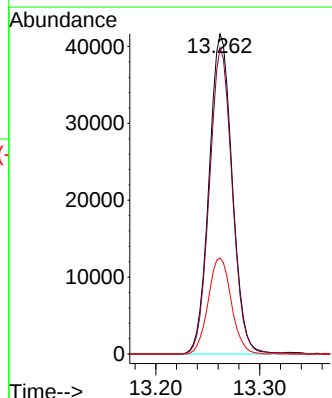
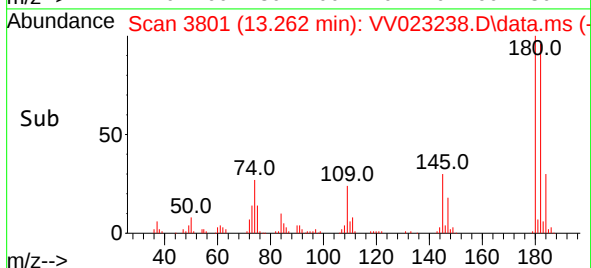
Tgt Ion:180 Resp: 81757
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 184 30.5 24.9 37.3
 145 29.1 24.1 36.1

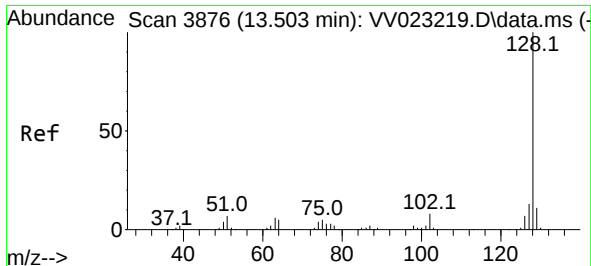


#70
 1,2,4-trichlorobenzene
 Concen: 4.737 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34



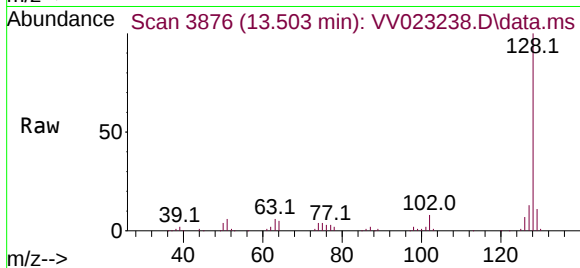
Tgt Ion:180 Resp: 64242
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.4 116.2
 145 30.0 24.1 36.1



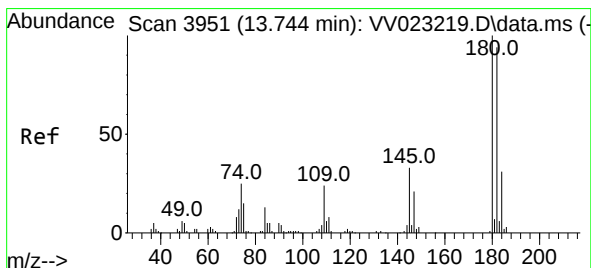
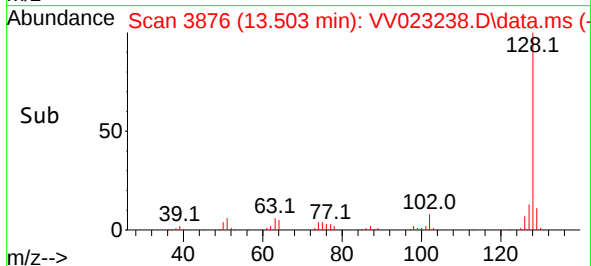
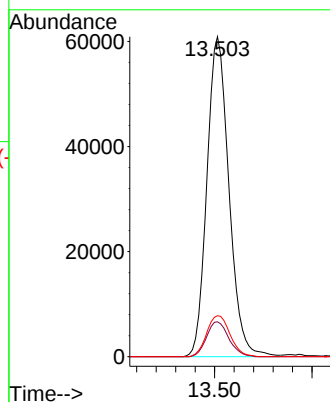


#71
Naphthalene
Concen: 4.785 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128	Resp:	95680
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.6 12.8
127	13.6	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.000 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:180	Resp:	59324
Ion Ratio	Lower	Upper
180	100	
182	93.3	77.1 115.7
145	32.0	25.4 38.0

