

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050422\
 Data File : VV025838.D
 Acq On : 04 May 2022 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 04:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	215373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	121569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90699	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.568	69	88026	4.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.111	63	190224	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.886	46	143901	44.542	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.080%
24) Chloroform-d	4.346	84	152584	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.031	65	68213	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.047	84	301894	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	88460	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.310	98	279356	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	27530	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.085	63	118141	46.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58388	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	89834	4.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	115188	4.543	ug/L	99
3) Chloromethane	1.243	50	131968	4.470	ug/L	99
5) Vinyl chloride	1.314	62	139289	4.726	ug/L	99
6) Bromomethane	1.523	94	75421	4.700	ug/L	100
8) Chloroethane	1.587	64	93525	4.932	ug/L	97
9) Trichlorofluoromethane	1.754	101	190821	4.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	103535	4.786	ug/L	98
12) 1,1-Dichloroethene	2.121	96	97456	4.695	ug/L #	81
13) Acetone	2.182	43	100286	47.165	ug/L	95
14) Carbon disulfide	2.294	76	257880	4.805	ug/L	100
15) Methyl Acetate	2.439	43	21334	4.191	ug/L	92
16) Methylene chloride	2.507	84	85731	4.258	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	145124	4.599	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	83886	4.587	ug/L	97
19) 1,1-Dichloroethane	3.188	63	156459	4.797	ug/L	99
21) 2-Butanone	3.973	43	143791	50.540	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	86598	4.626	ug/L	89
23) Bromochloromethane	4.243	128	35923	4.693	ug/L #	91
25) Chloroform	4.371	83	163295	4.796	ug/L	98

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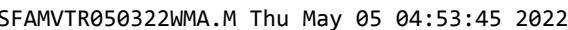
Instrument :
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 ClientSampleId :

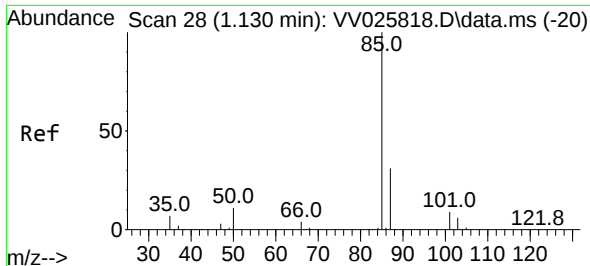
Quant Time: May 05 04:53:34 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	84430	4.575	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	141421	4.828	ug/L	98
30) Cyclohexane	4.674	56	129191	4.876	ug/L	96
31) Carbon tetrachloride	4.822	117	119901	4.795	ug/L	100
33) Benzene	5.095	78	351778	4.853	ug/L	100
34) Trichloroethene	5.912	95	89499	4.693	ug/L	99
35) Methylcyclohexane	6.127	83	144610	4.921	ug/L	94
37) 1,2-Dichloropropane	6.169	63	86488	4.911	ug/L	99
38) Bromodichloromethane	6.506	83	105048	4.812	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	105261	4.879	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	369816	50.546	ug/L	94
42) Toluene	7.384	91	388871	5.052	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	82228	4.779	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	52942	4.711	ug/L	99
47) Tetrachloroethene	7.973	164	69763	4.286	ug/L	97
48) 2-Hexanone	8.137	43	269568	52.244	ug/L #	94
49) Dibromochloromethane	8.243	129	59319	4.784	ug/L	99
50) 1,2-Dibromoethane	8.349	107	47969	4.839	ug/L	99
51) Chlorobenzene	8.879	112	236482	4.829	ug/L	98
52) Ethylbenzene	9.008	91	399623	5.011	ug/L	99
53) m,p-Xylene	9.137	106	157649	5.031	ug/L	98
54) o-Xylene	9.542	106	148159	4.985	ug/L	97
55) Styrene	9.558	104	259005	5.276	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	57253	4.786	ug/L	98
59) Bromoform	9.728	173	25343	4.433	ug/L	98
60) Isopropylbenzene	9.928	105	396923	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	43464	4.467	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	165288	4.701	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	318092	4.950	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	180135	4.784	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	183520	4.774	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	156780	4.664	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8266	4.554	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	131024	4.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95818	4.542	ug/L	99
71) Naphthalene	13.500	128	134293	4.483	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	81269	4.727	ug/L	97

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

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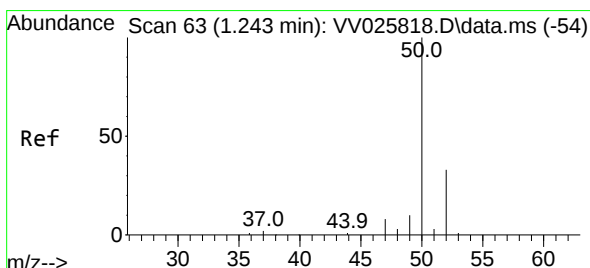
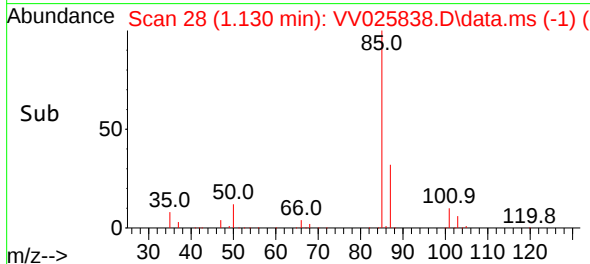
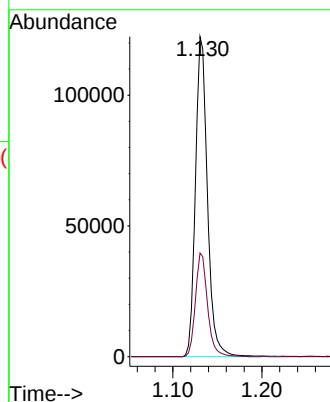
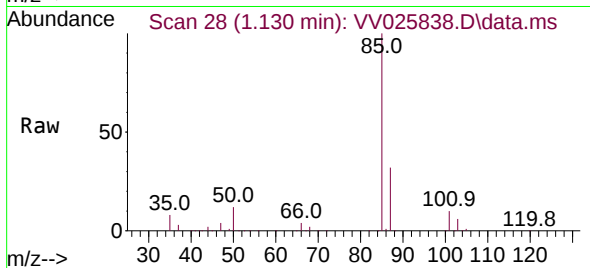




#2
 Dichlorodifluoromethane
 Concen: 4.543 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

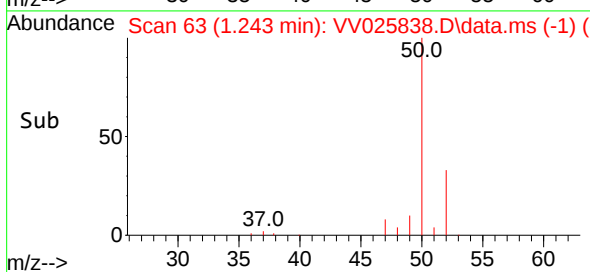
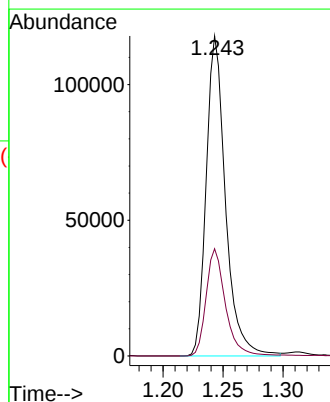
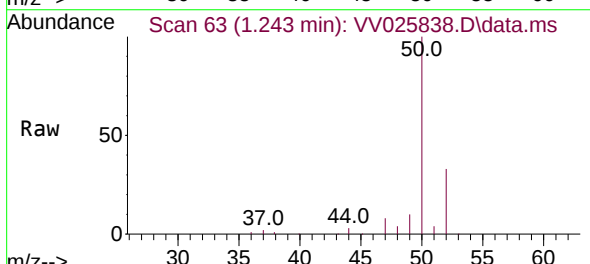
Instrument :
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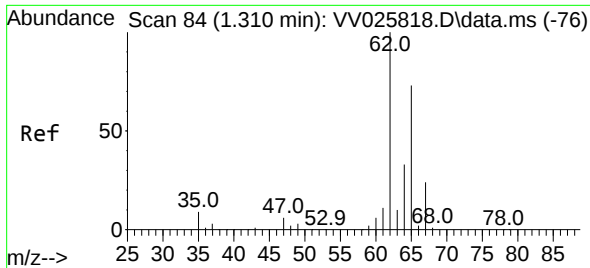
Tgt Ion: 85 Resp: 115188
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.470 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

Tgt Ion: 50 Resp: 131968
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9

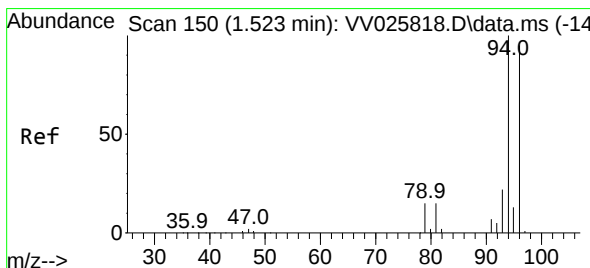
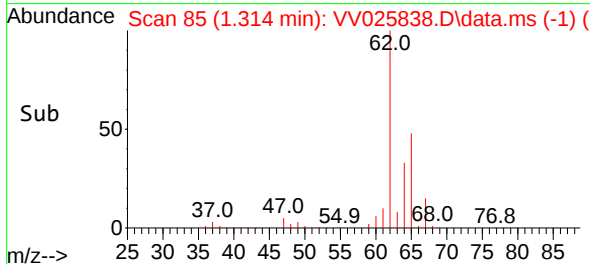
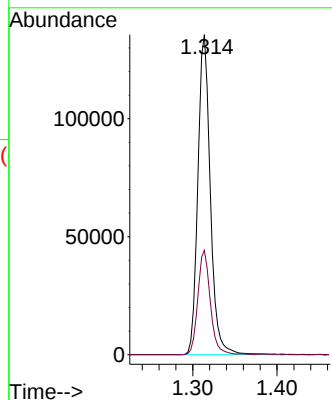
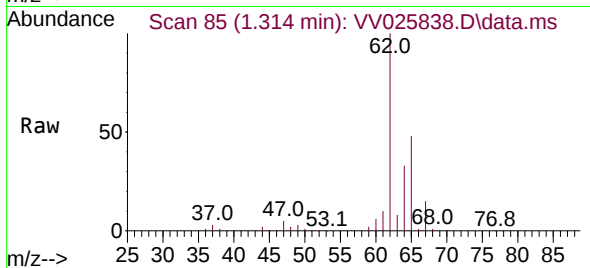




#5
 Vinyl chloride
 Concen: 4.726 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

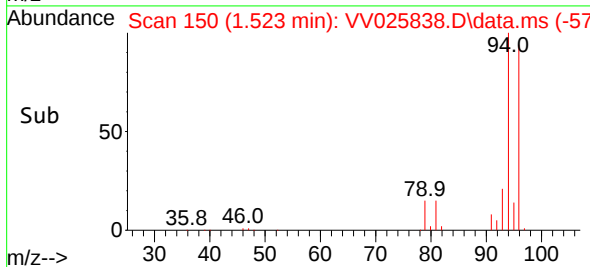
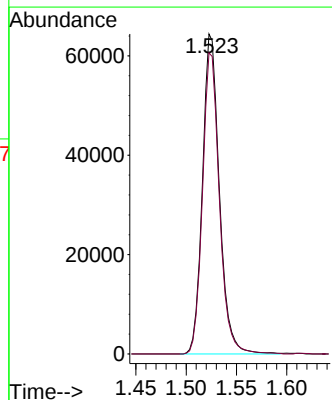
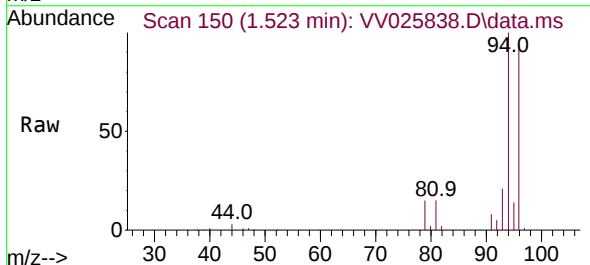
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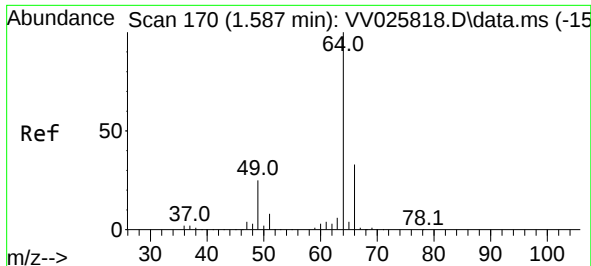
Tgt Ion: 62 Resp: 139289
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 4.700 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

Tgt Ion: 94 Resp: 75421
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.7

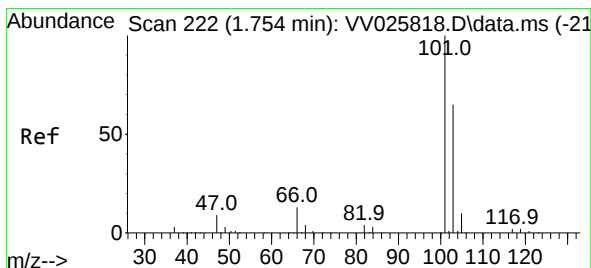
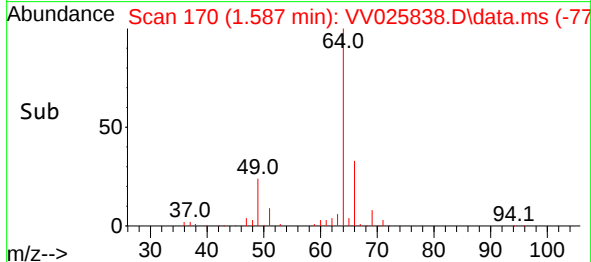
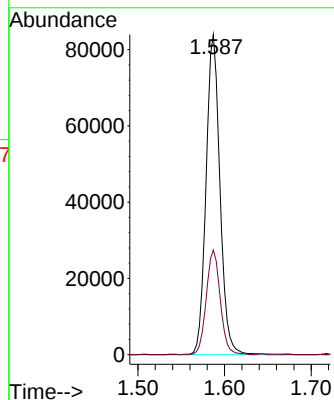
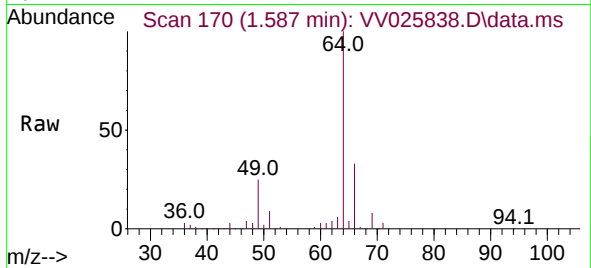




#8
Chloroethane
Concen: 4.932 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

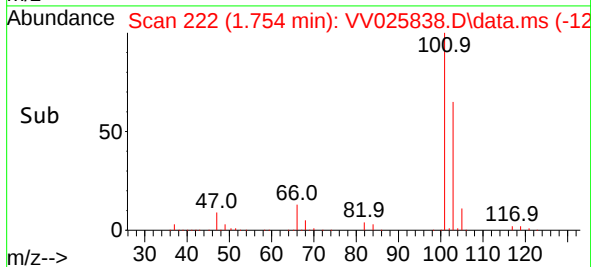
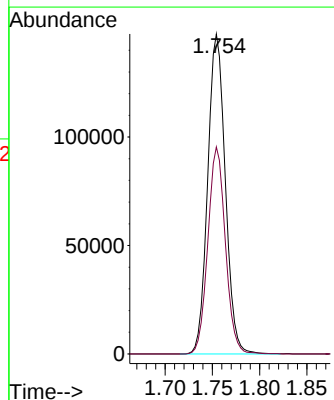
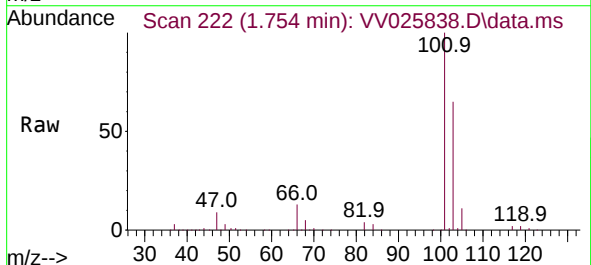
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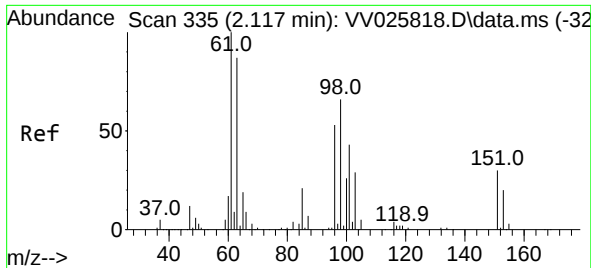
Tgt Ion: 64 Resp: 93525
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.758 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion:101 Resp: 190821
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

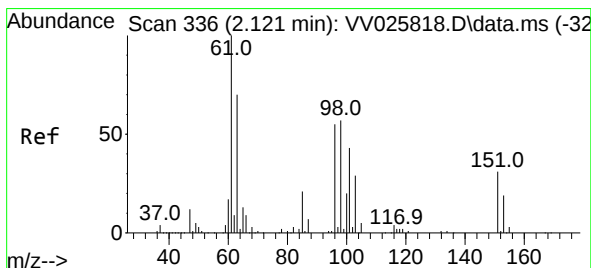
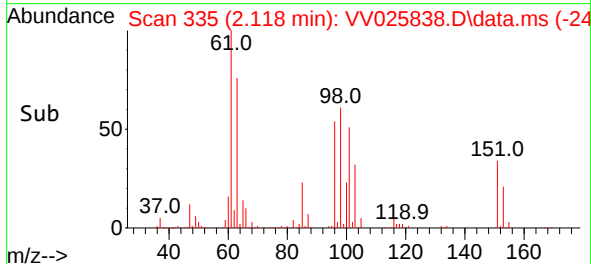
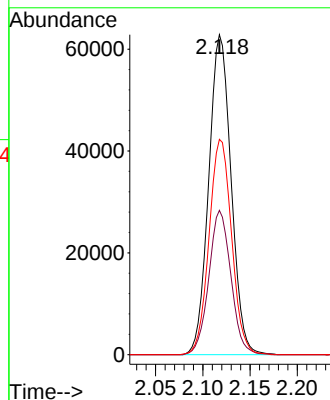
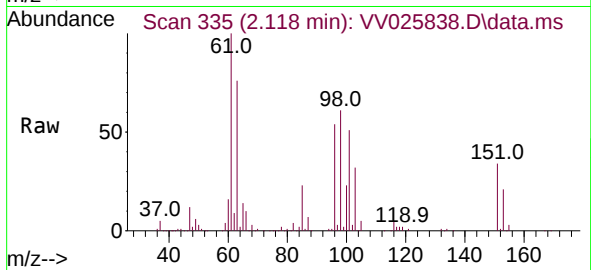




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.786 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

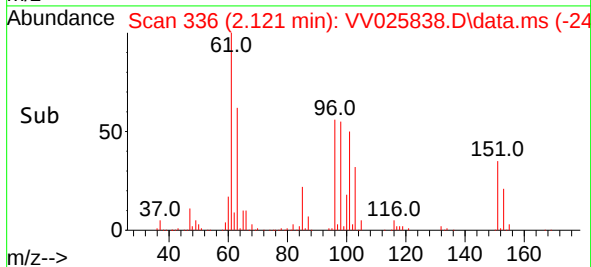
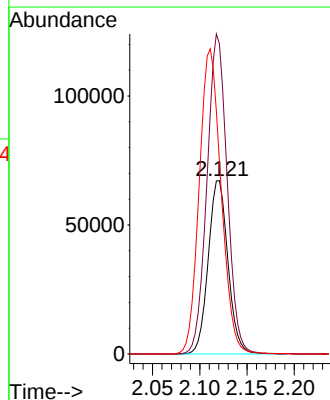
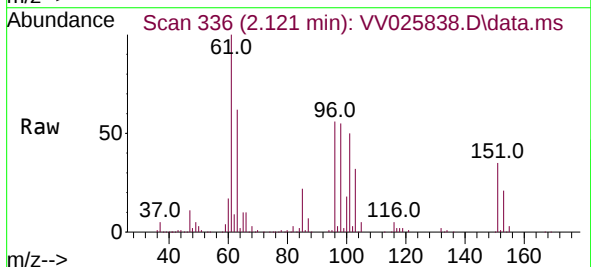
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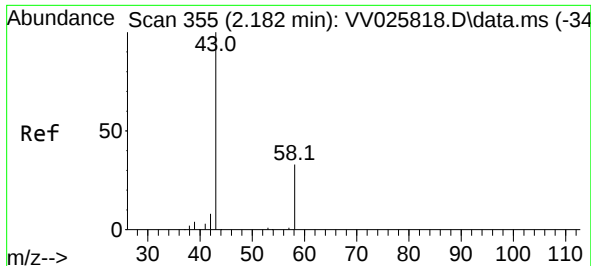
Tgt Ion:101 Resp: 103535
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.9 53.9
 151 67.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.695 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

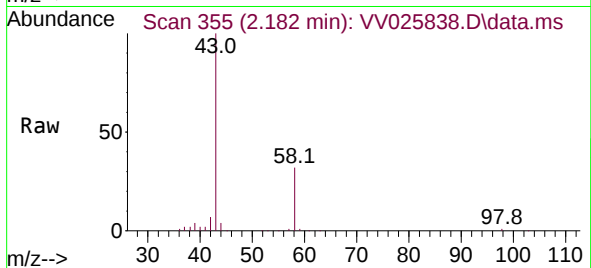
Tgt Ion: 96 Resp: 97456
 Ion Ratio Lower Upper
 96 100
 61 178.9 125.2 232.4
 63 111.3 114.4 212.4#



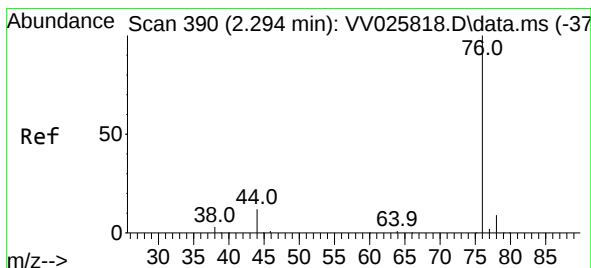
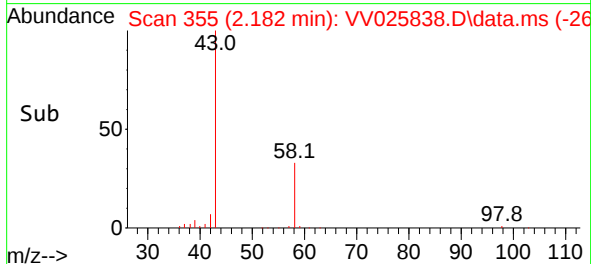
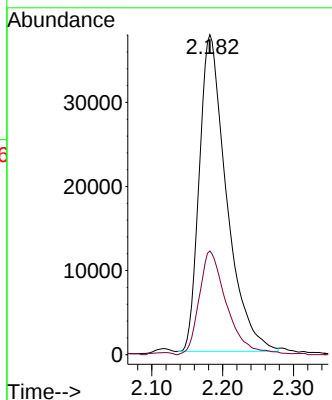


#13
Acetone
Concen: 47.165 ug/L
RT: 2.182 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Instrument :
MSVOA_V
ClientSampleId :

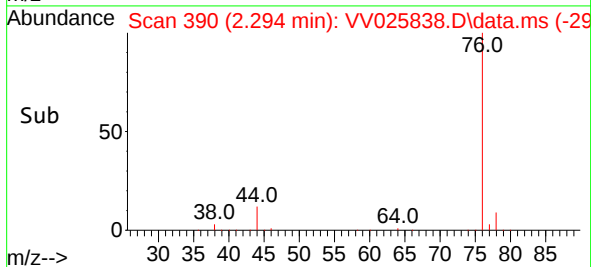
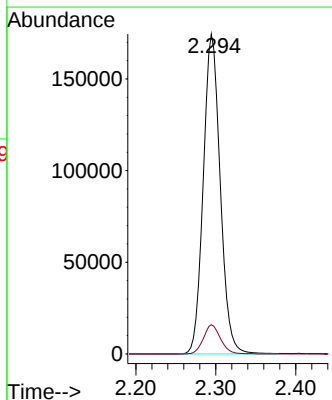
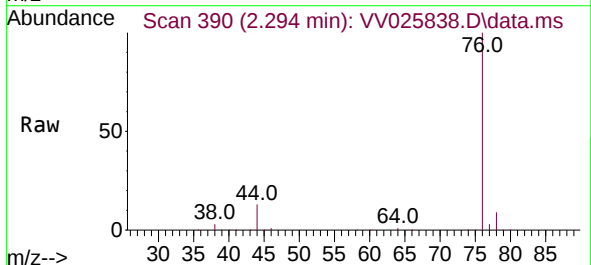


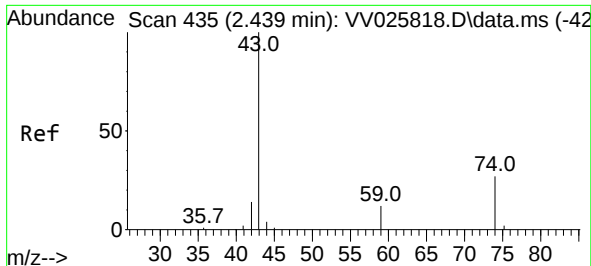
Tgt Ion: 43 Resp: 100286
Ion Ratio Lower Upper
43 100
58 33.2 0.0 72.2



#14
Carbon disulfide
Concen: 4.805 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 76 Resp: 257880
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

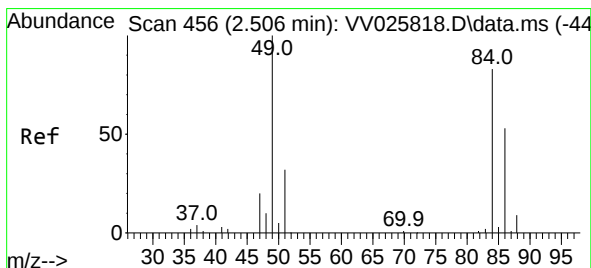
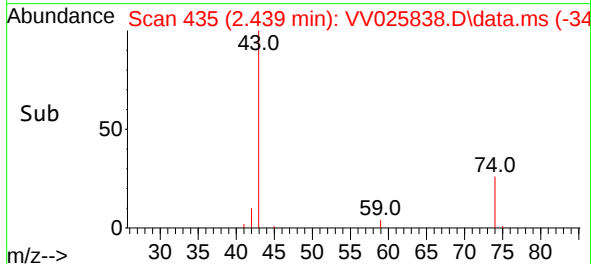
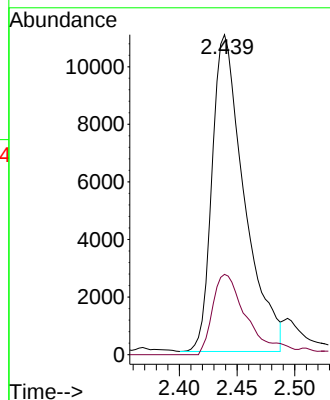
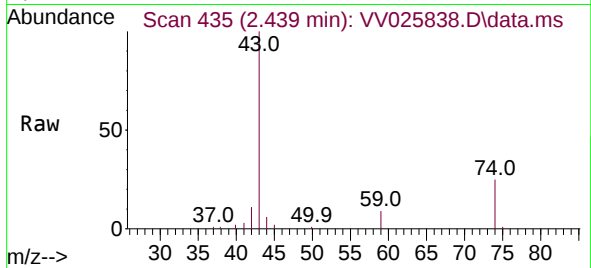




#15
Methyl Acetate
Concen: 4.191 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

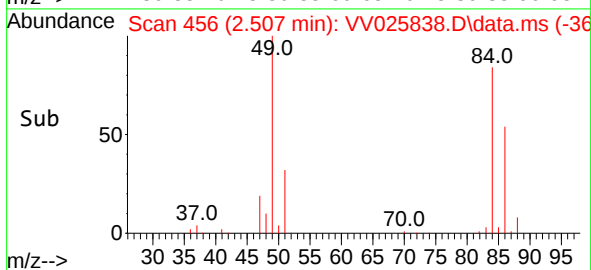
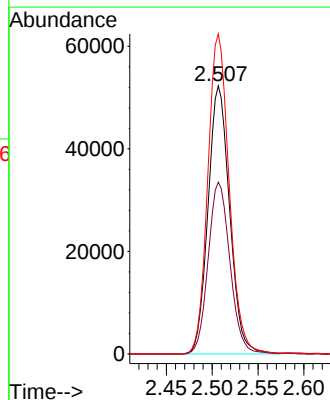
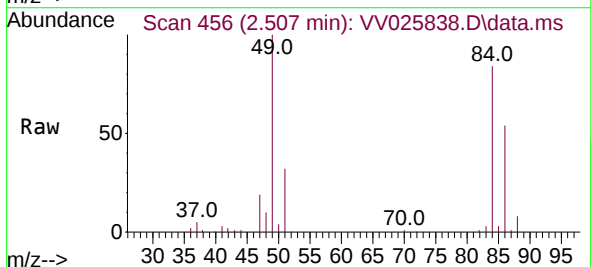
Instrument :
MSVOA_V
ClientSampleId :

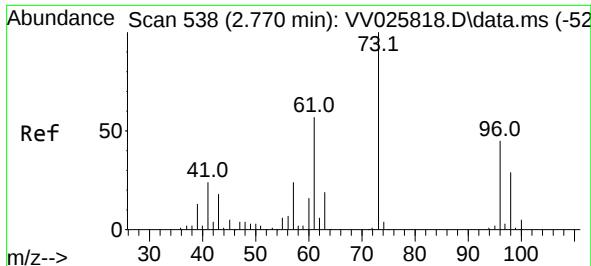
Tgt Ion: 43 Resp: 21334
Ion Ratio Lower Upper
43 100
74 27.2 25.2 37.8



#16
Methylene chloride
Concen: 4.258 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 84 Resp: 85731
Ion Ratio Lower Upper
84 100
86 64.1 45.9 85.3
49 119.3 76.6 142.3

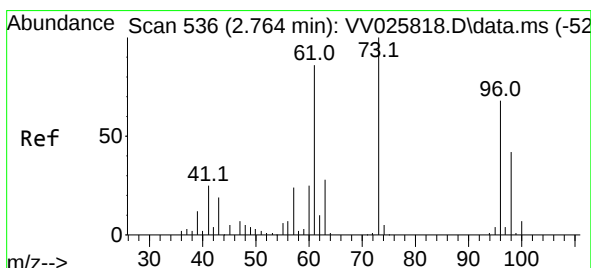
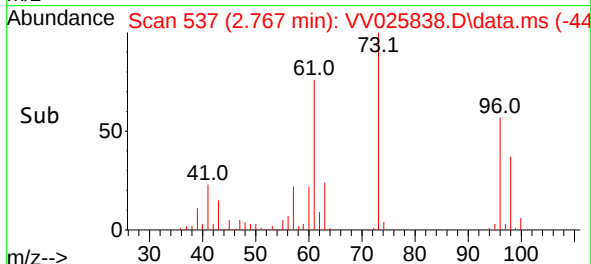
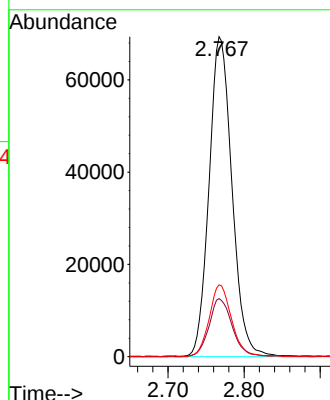
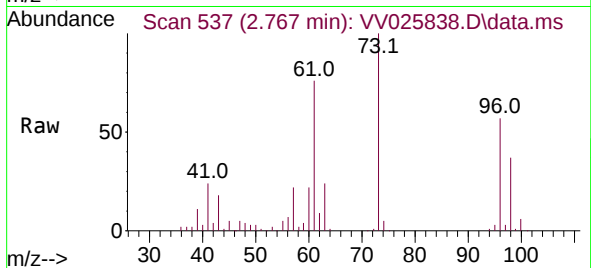




#17
Methyl tert-butyl Ether
Concen: 4.599 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

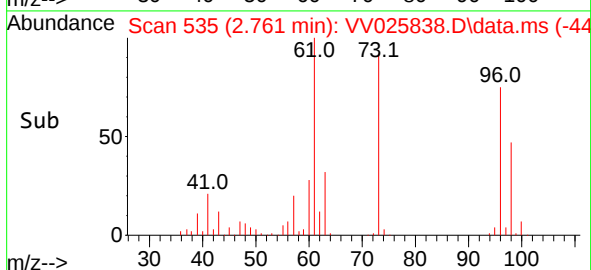
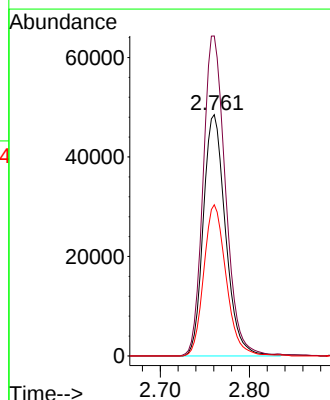
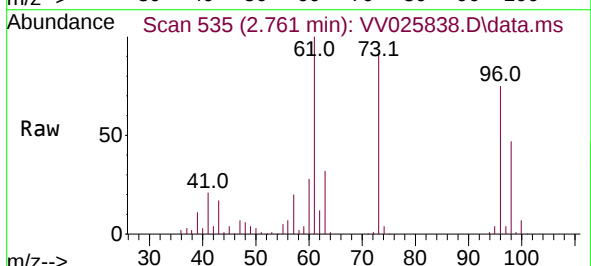
Instrument :
MSVOA_V
ClientSampleId :

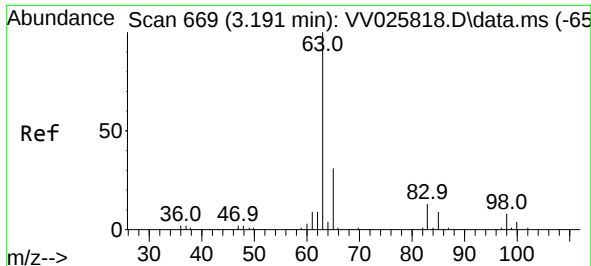
Tgt Ion: 73 Resp: 145124
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 21.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.587 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 96 Resp: 83886
Ion Ratio Lower Upper
96 100
61 132.6 92.1 171.1
98 62.6 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.797 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

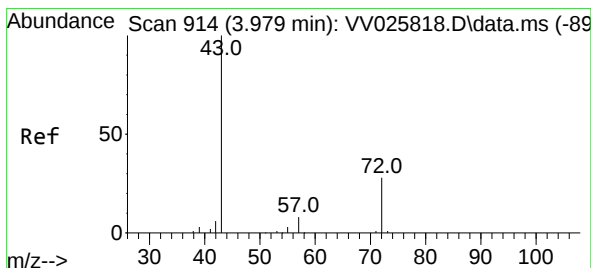
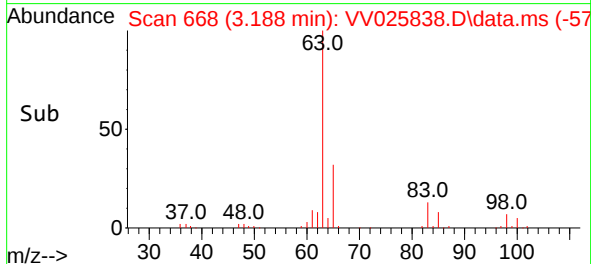
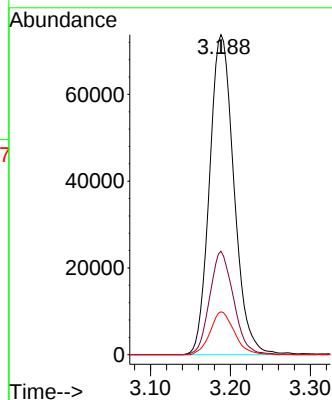
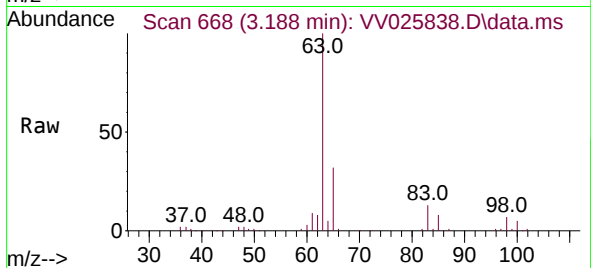
Tgt Ion: 63 Resp: 156459

Ion Ratio Lower Upper

63 100

65 32.3 23.2 43.0

83 13.4 9.0 16.8



#21

2-Butanone

Concen: 50.540 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.006 min

Lab File: VV025838.D

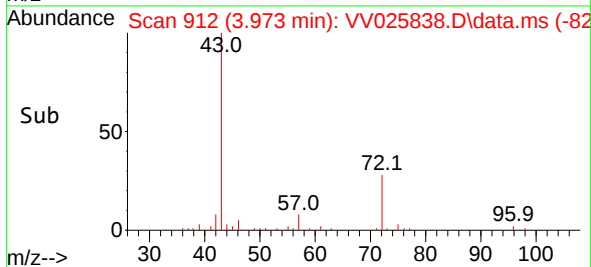
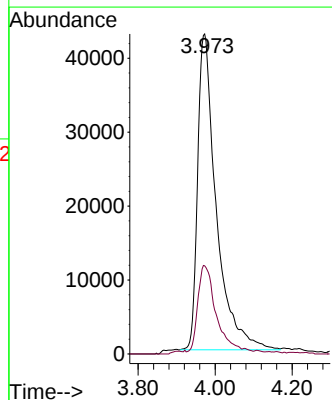
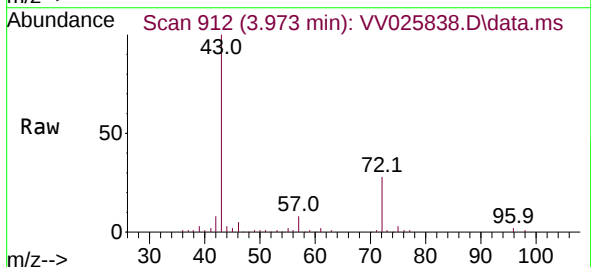
Acq: 04 May 2022 10:17

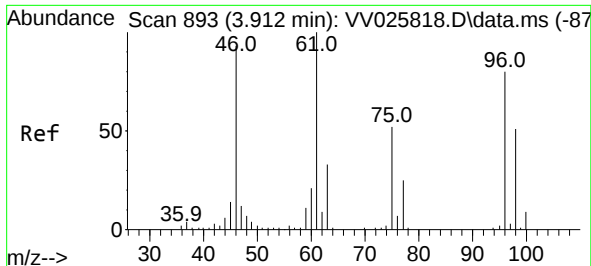
Tgt Ion: 43 Resp: 143791

Ion Ratio Lower Upper

43 100

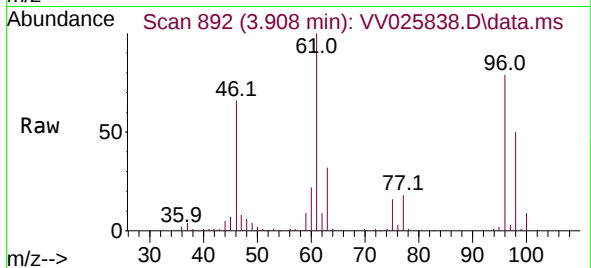
72 26.3 15.2 45.6



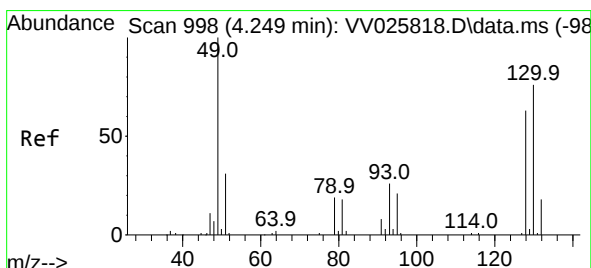
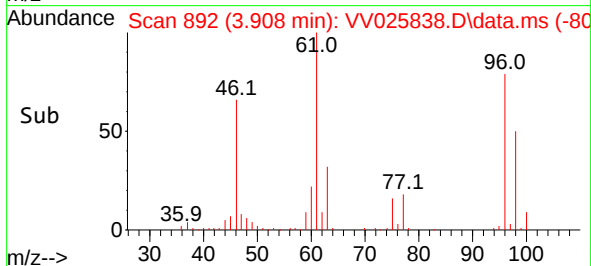
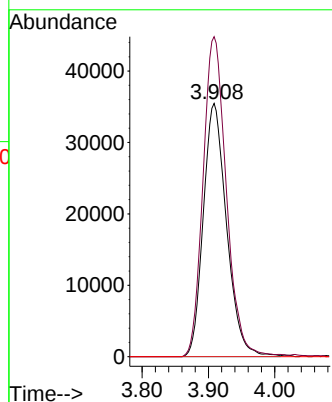


#22
 cis-1,2-Dichloroethene
 Concen: 4.626 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

Instrument :
 MSVOA_V
 ClientSampleId :

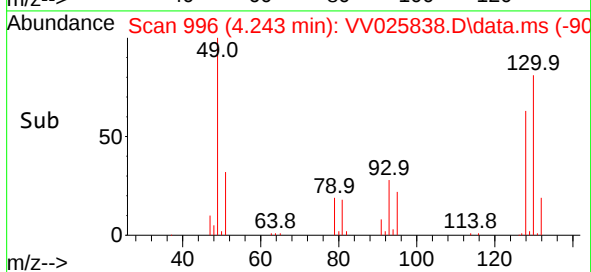
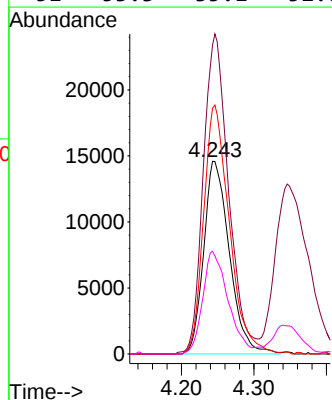
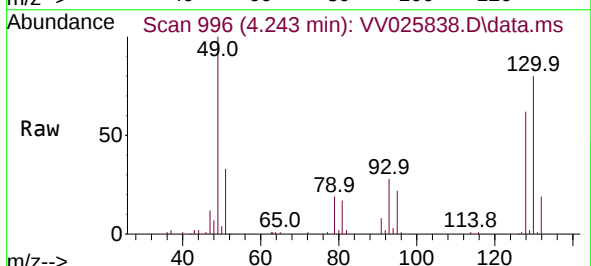


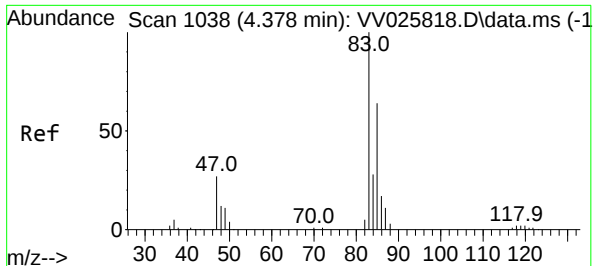
Tgt Ion: 96 Resp: 86598
 Ion Ratio Lower Upper
 96 100
 61 126.4 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.693 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

Tgt Ion: 128 Resp: 35923
 Ion Ratio Lower Upper
 128 100
 49 160.3 100.5 186.7
 130 127.5 87.8 163.0
 51 53.3 35.1 52.7#





#25

Chloroform

Concen: 4.796 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

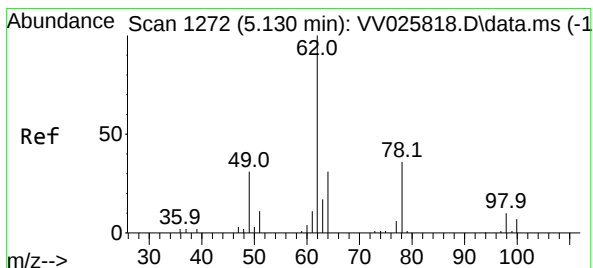
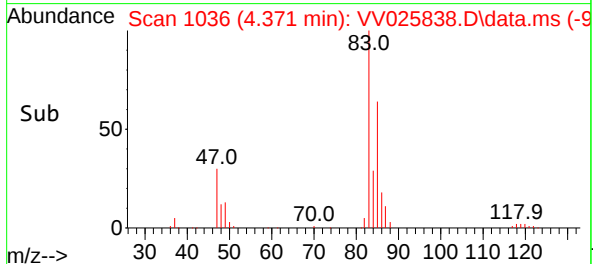
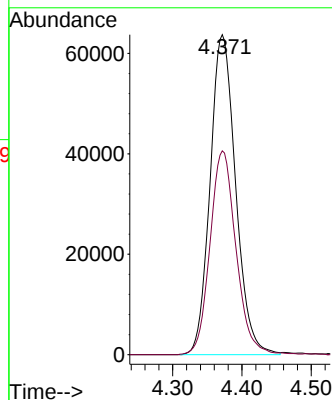
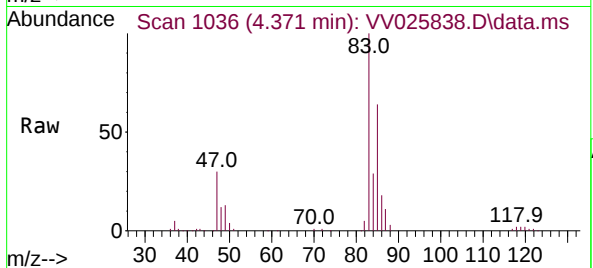
ClientSampleId :

Tgt Ion: 83 Resp: 163295

Ion Ratio Lower Upper

83 100

85 63.7 43.5 80.7



#27

1,2-Dichloroethane

Concen: 4.575 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV025838.D

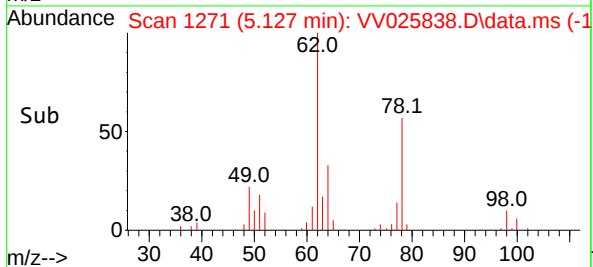
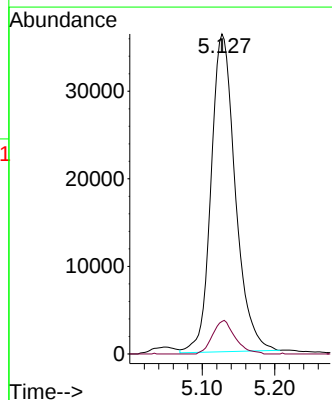
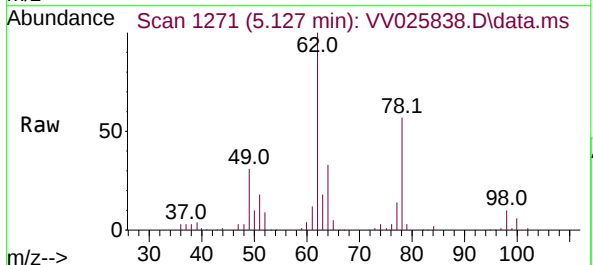
Acq: 04 May 2022 10:17

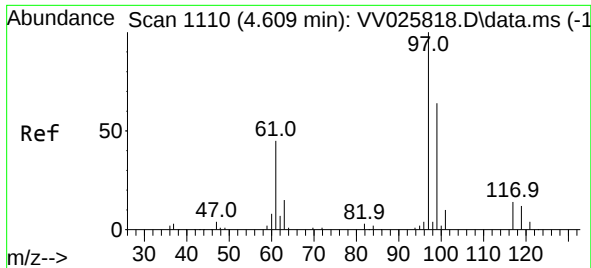
Tgt Ion: 62 Resp: 84430

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2

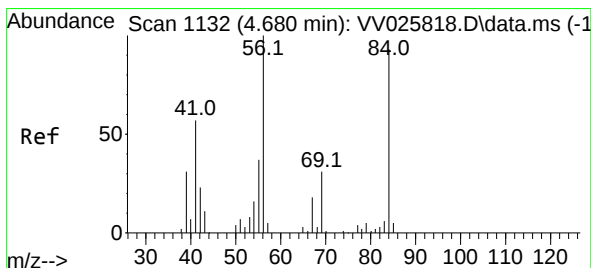
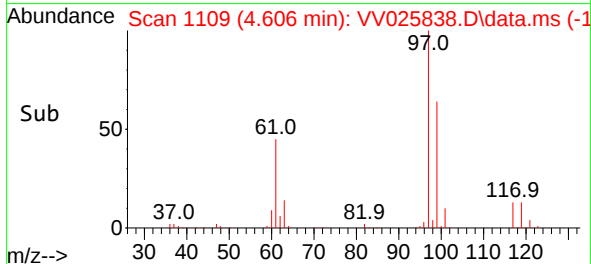
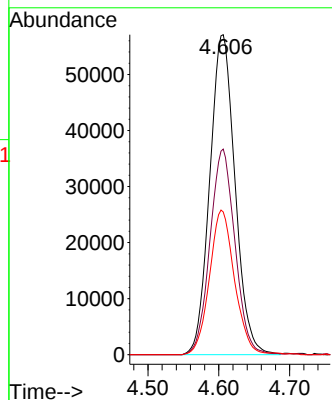
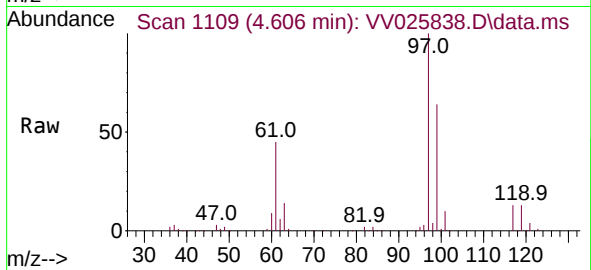




#29
1,1,1-Trichloroethane
Concen: 4.828 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

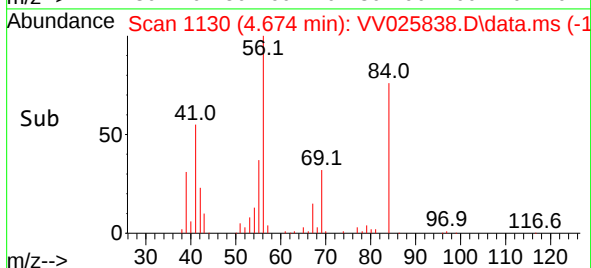
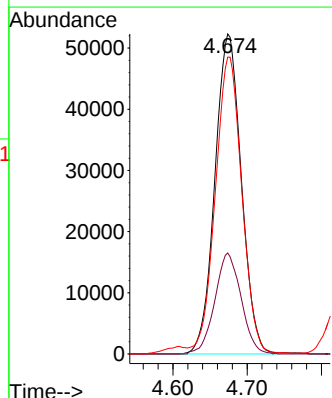
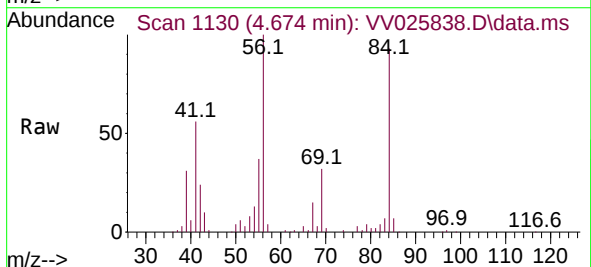
Instrument :
MSVOA_V
ClientSampleId :

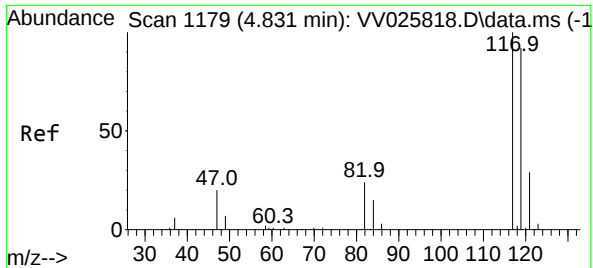
Tgt Ion: 97 Resp: 141421
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 44.7 34.3 51.5



#30
Cyclohexane
Concen: 4.876 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 56 Resp: 129191
Ion Ratio Lower Upper
56 100
69 31.3 26.1 39.1
84 93.5 78.6 118.0

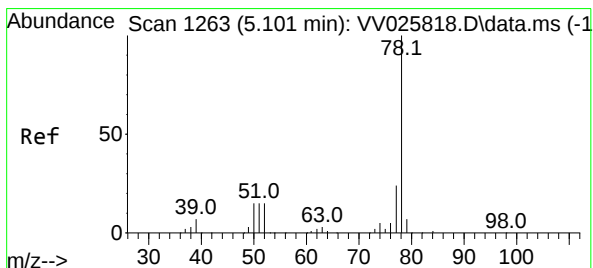
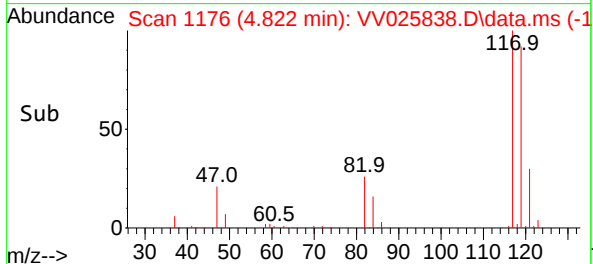
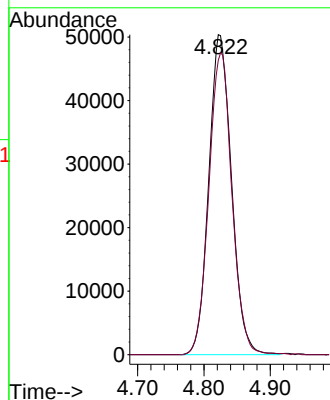
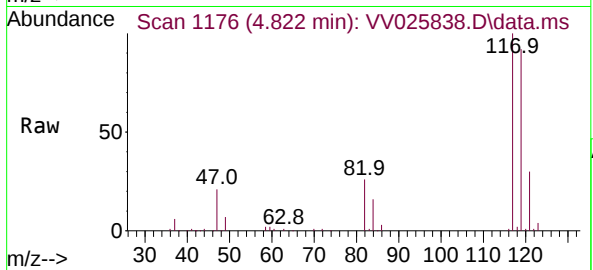




#31
Carbon tetrachloride
Concen: 4.795 ug/L
RT: 4.822 min Scan# 1179
Delta R.T. -0.010 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

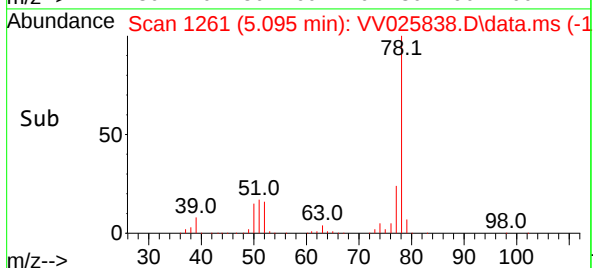
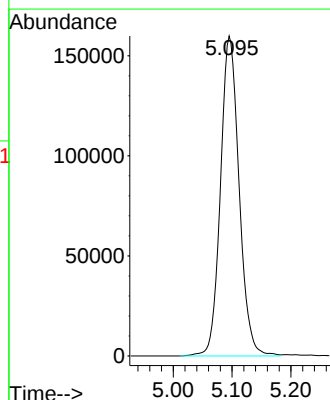
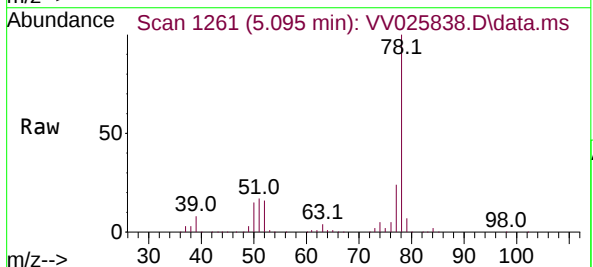
Instrument :
MSVOA_V
ClientSampleId :

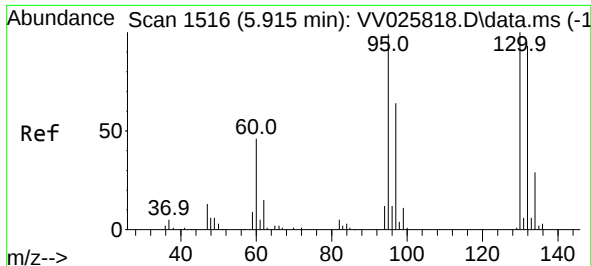
Tgt Ion:117 Resp: 119901
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 4.853 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 78 Resp: 351778

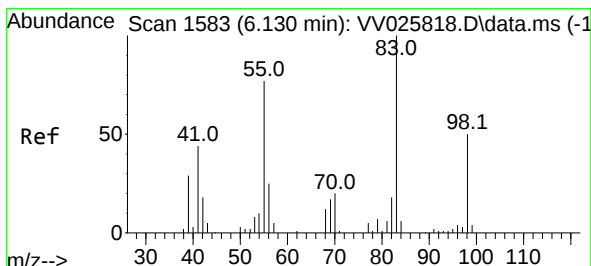
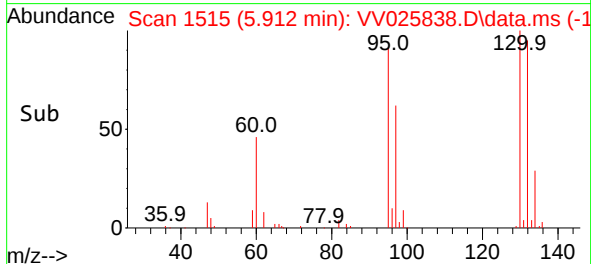
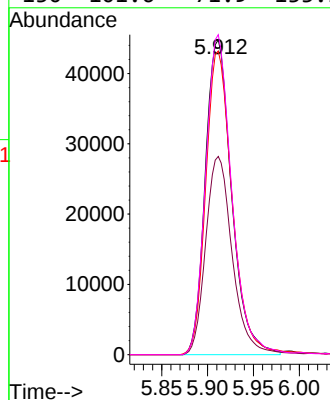
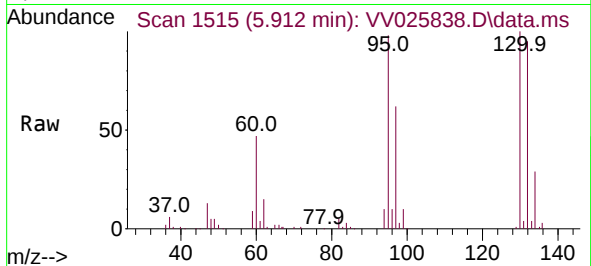




#34
Trichloroethene
Concen: 4.693 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

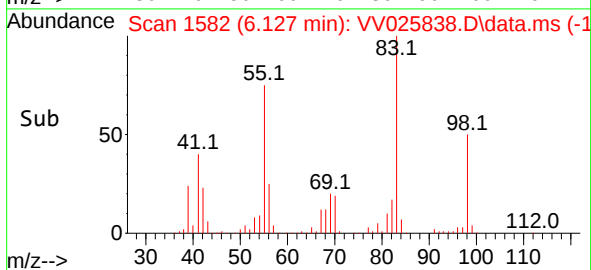
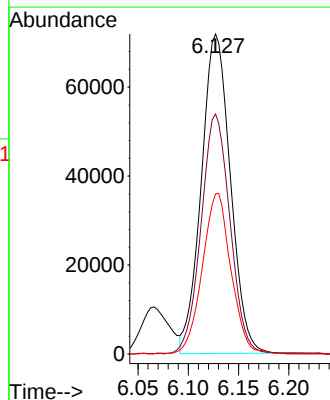
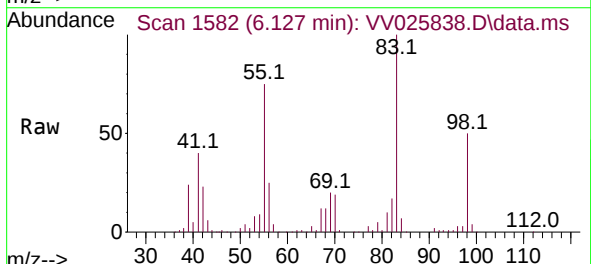
Instrument :
MSVOA_V
ClientSampleId :

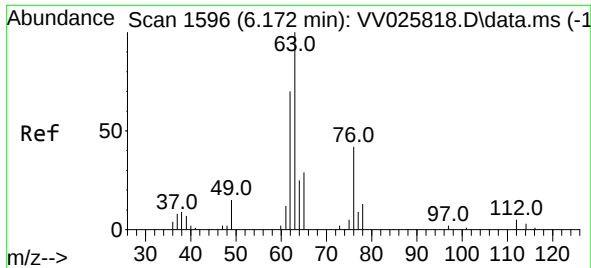
Tgt Ion: 95 Resp: 89499
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.2
132 96.4 68.0 126.4
130 101.6 71.9 133.5



#35
Methylcyclohexane
Concen: 4.921 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 83 Resp: 144610
Ion Ratio Lower Upper
83 100
55 74.9 53.7 80.5
98 49.5 39.6 59.4

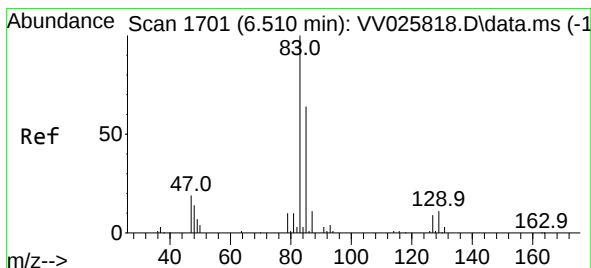
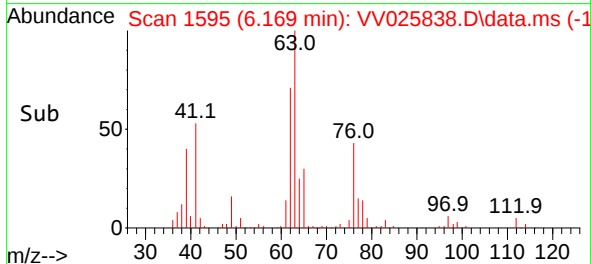
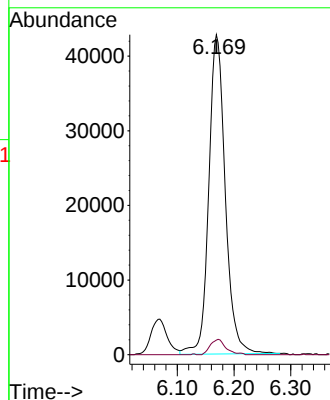
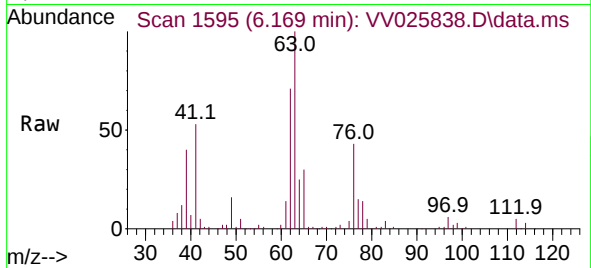




#37
1,2-Dichloropropane
Concen: 4.911 ug/L
RT: 6.169 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

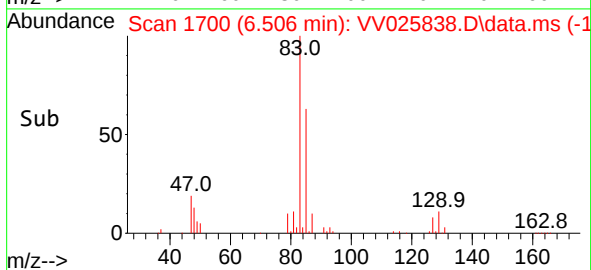
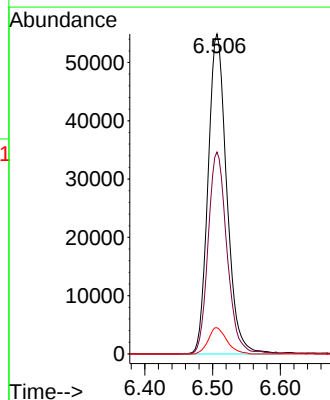
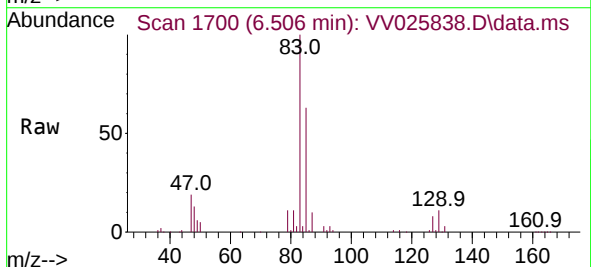
Instrument :
MSVOA_V
ClientSampleId :

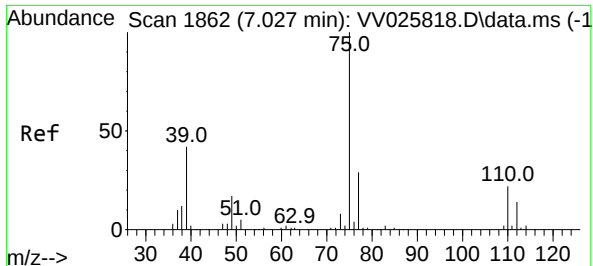
Tgt Ion: 63 Resp: 86488
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.8



#38
Bromodichloromethane
Concen: 4.812 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 83 Resp: 105048
Ion Ratio Lower Upper
83 100
85 63.1 44.4 82.4
127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.879 ug/L

RT: 7.024 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

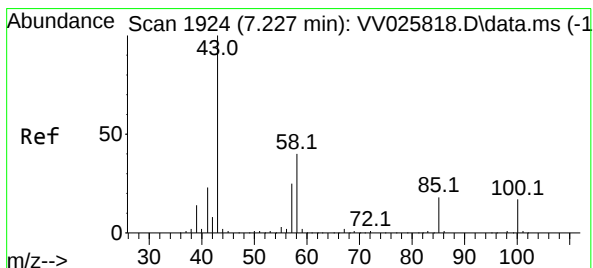
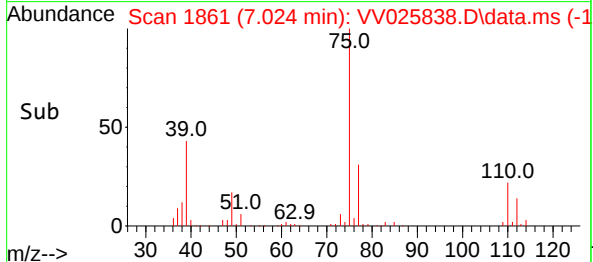
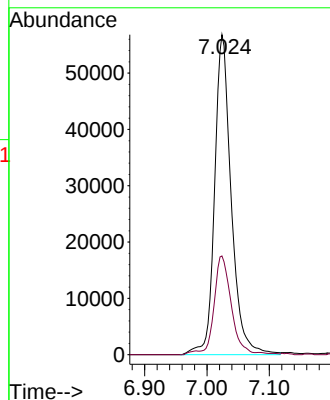
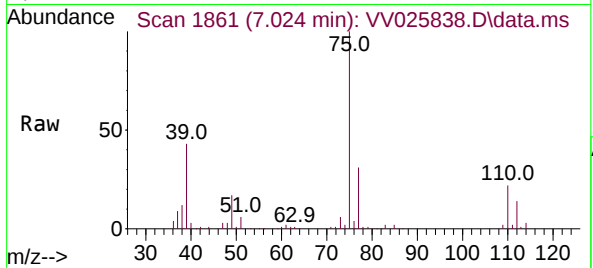
ClientSampleId :

Tgt Ion: 75 Resp: 105261

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.546 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

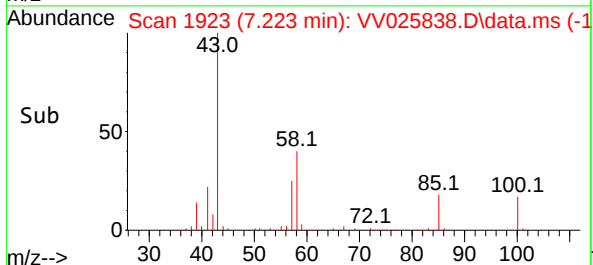
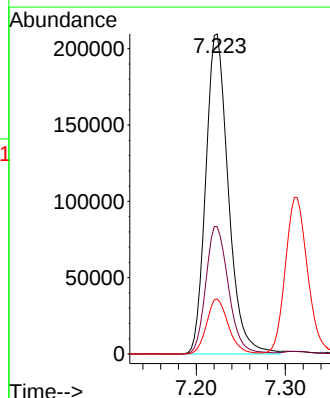
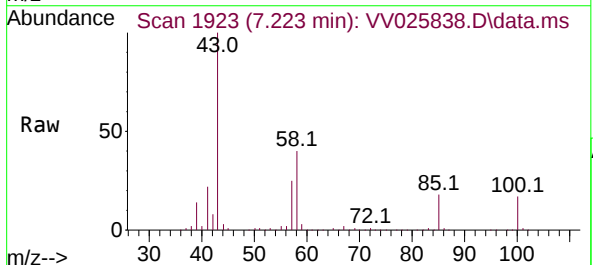
Tgt Ion: 43 Resp: 369816

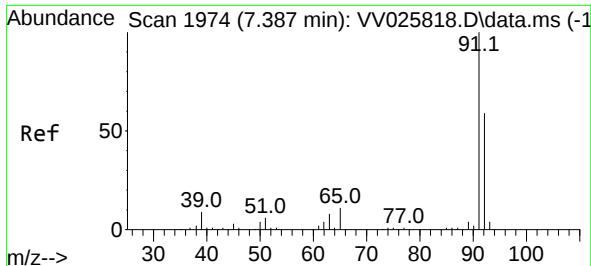
Ion Ratio Lower Upper

43 100

58 40.0 35.1 52.7

100 16.6 15.3 22.9





#42

Toluene

Concen: 5.052 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

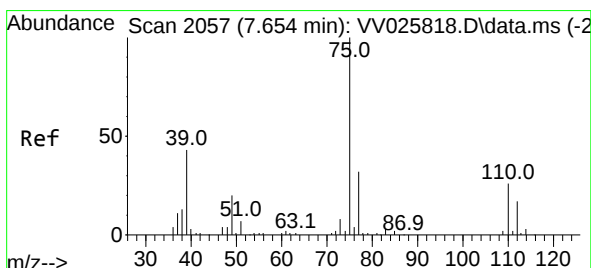
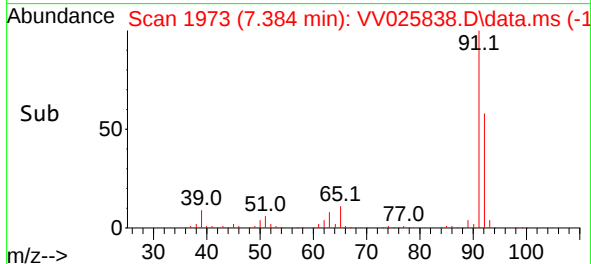
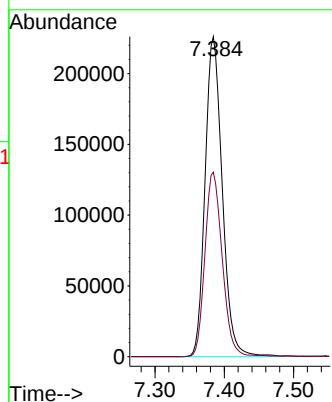
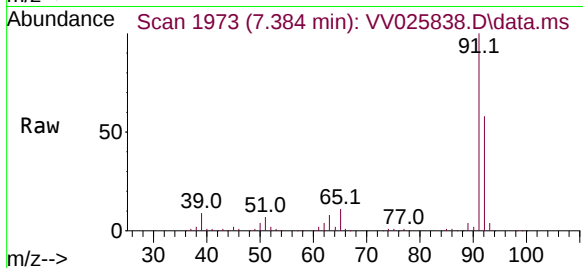
ClientSampleId :

Tgt Ion: 91 Resp: 388871

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.779 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV025838.D

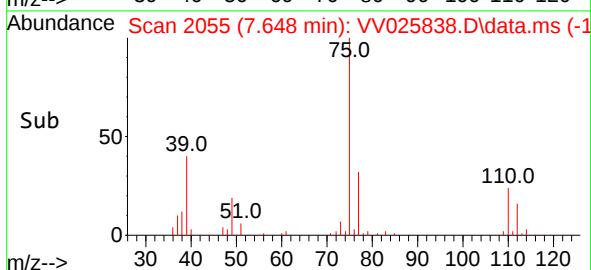
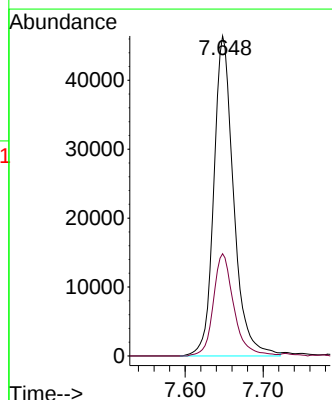
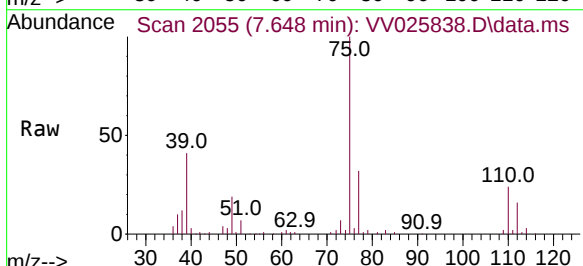
Acq: 04 May 2022 10:17

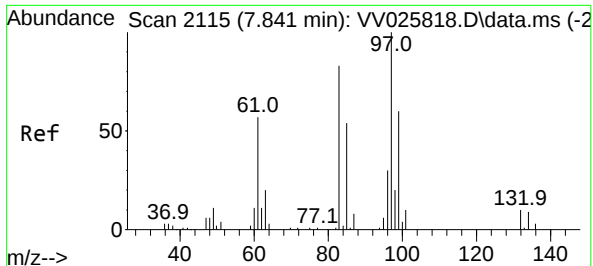
Tgt Ion: 75 Resp: 82228

Ion Ratio Lower Upper

75 100

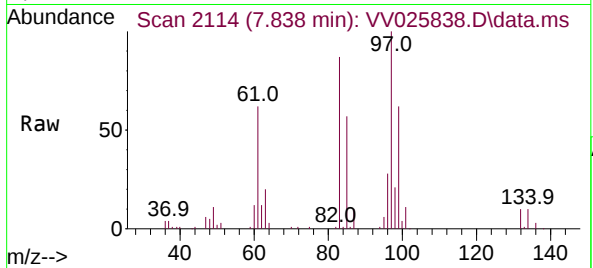
77 32.0 21.7 40.3



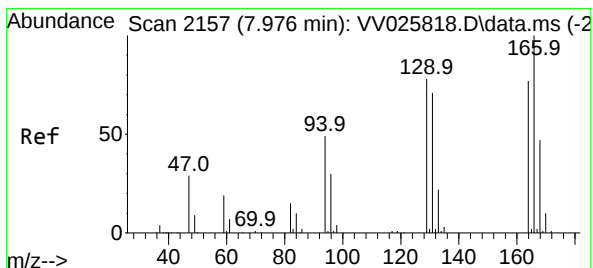
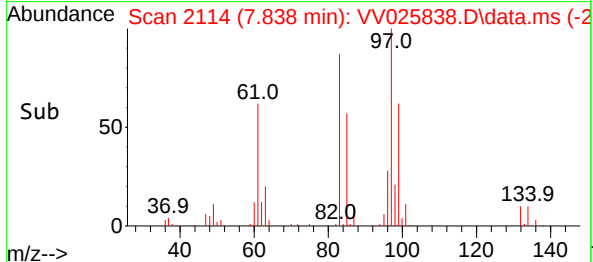
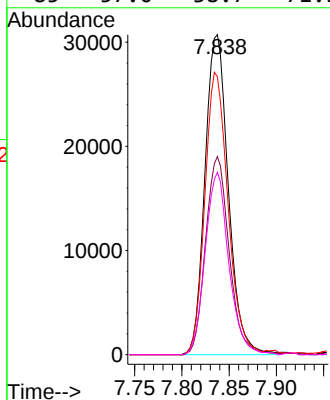


#45
1,1,2-Trichloroethane
Concen: 4.711 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Instrument :
MSVOA_V
ClientSampleId :

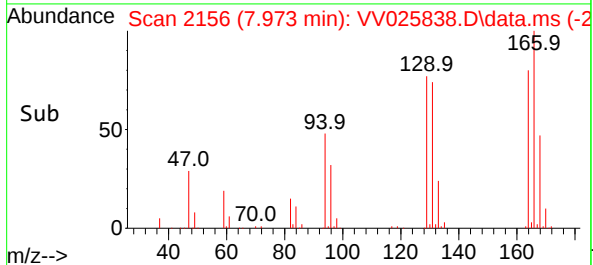
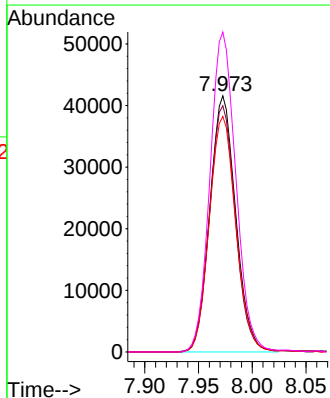
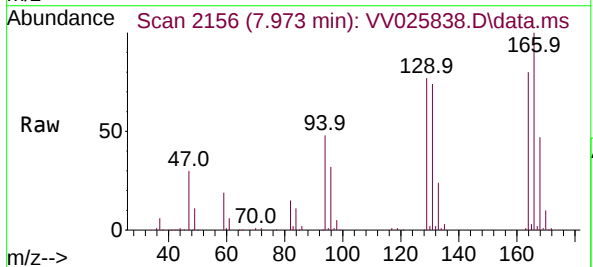


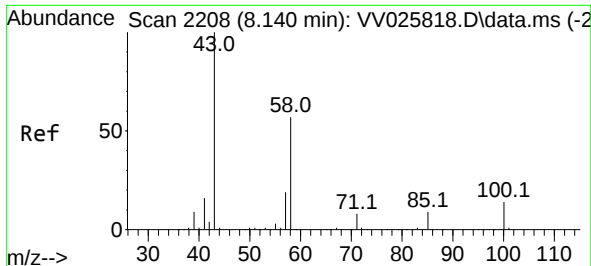
Tgt Ion:	97	Resp:	52942
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.4
83	86.9	60.3	112.1
85	57.0	38.7	71.9



#47
Tetrachloroethene
Concen: 4.286 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

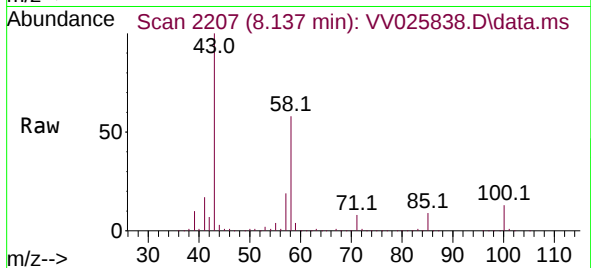
Tgt Ion:	164	Resp:	69763
Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.8	124.2
131	91.9	66.4	123.4
166	124.9	91.7	170.3



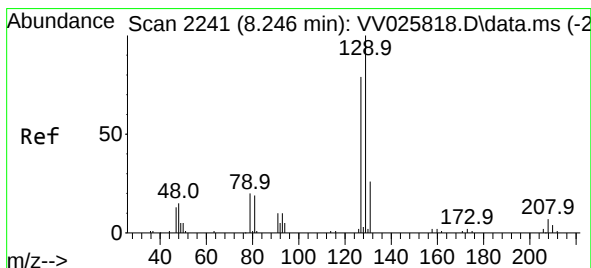
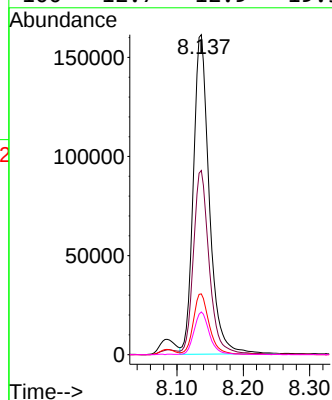
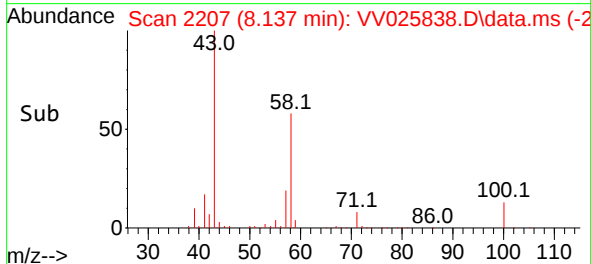


#48
2-Hexanone
Concen: 52.244 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Instrument :
MSVOA_V
ClientSampleId :

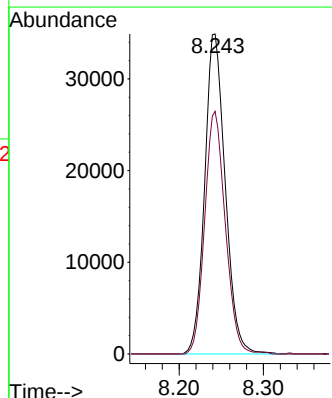
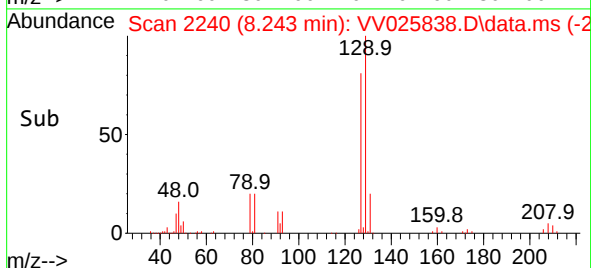
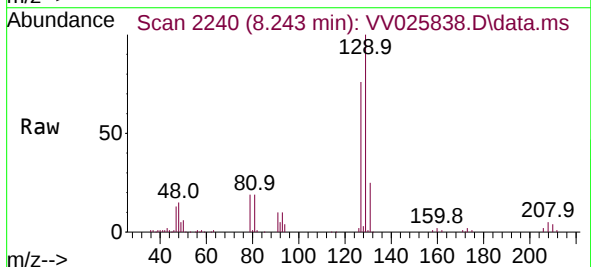


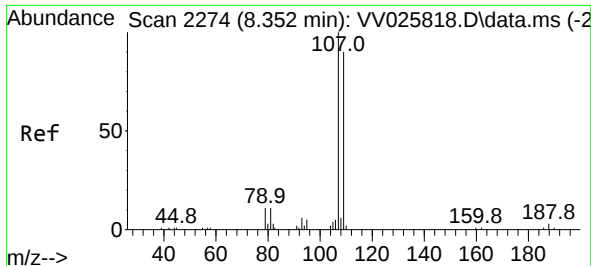
Tgt Ion: 43 Resp: 269568
Ion Ratio Lower Upper
43 100
58 57.0 49.7 74.5
57 18.8 16.4 24.6
100 12.7 12.9 19.3#



#49
Dibromochloromethane
Concen: 4.784 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 129 Resp: 59319
Ion Ratio Lower Upper
129 100
127 75.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.839 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025838.D

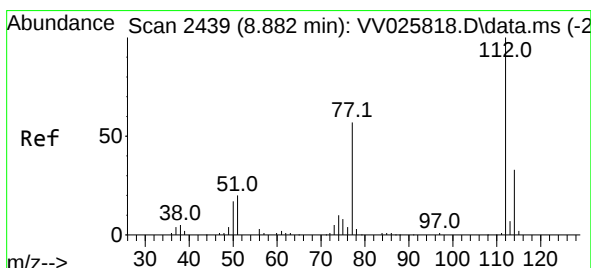
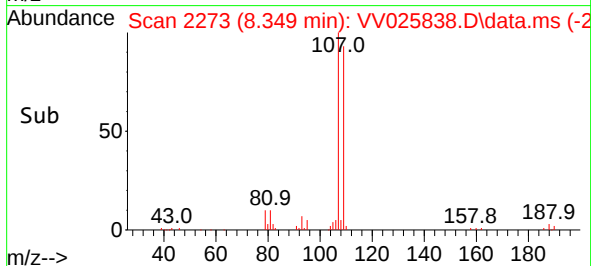
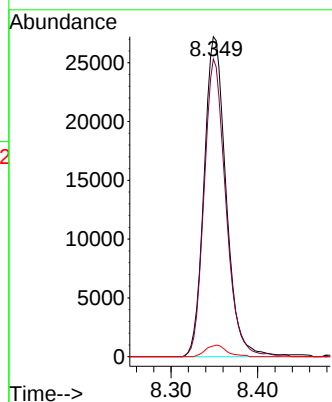
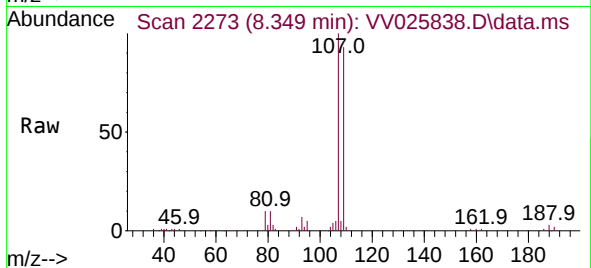
Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	47969
Ion	Ratio	Lower Upper
107	100	
109	93.0	65.9 122.3
188	3.4	2.7 4.1



#51

Chlorobenzene

Concen: 4.829 ug/L

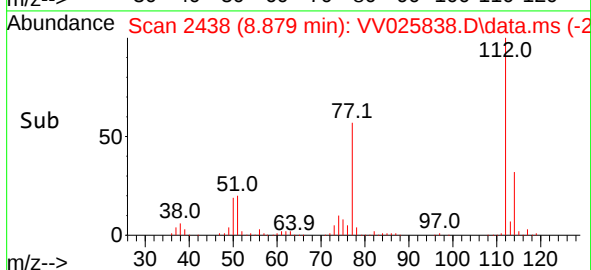
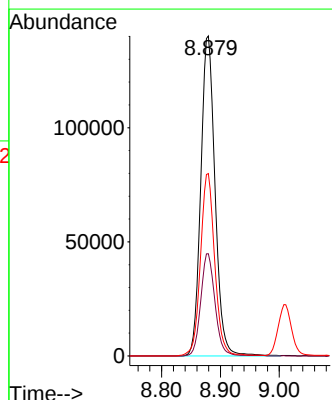
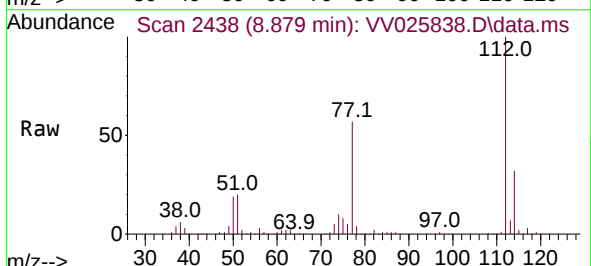
RT: 8.879 min Scan# 2438

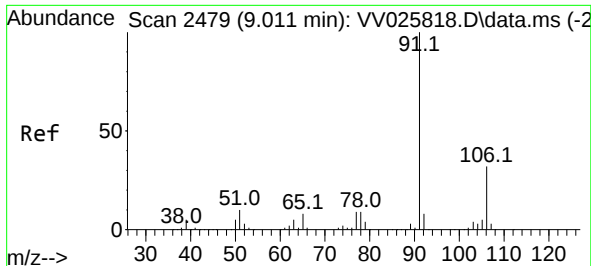
Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Tgt Ion:112	Resp:	236482
Ion	Ratio	Lower Upper
112	100	
114	32.0	22.4 41.6
77	57.0	43.7 65.5





#52

Ethylbenzene

Concen: 5.011 ug/L

RT: 9.008 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

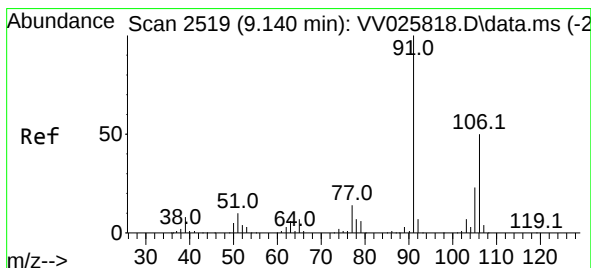
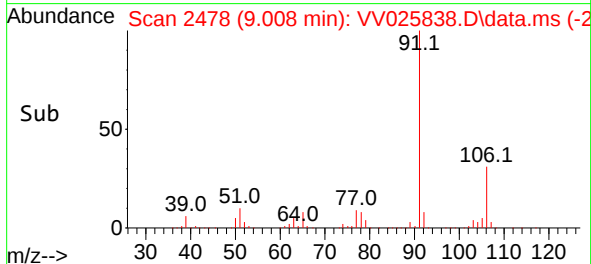
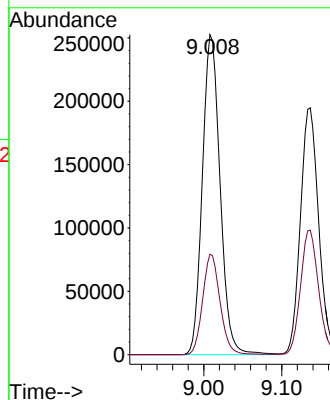
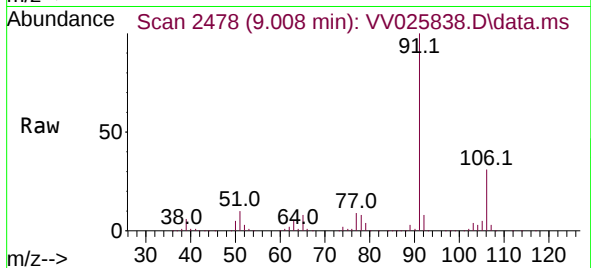
ClientSampleId :

Tgt Ion: 91 Resp: 399623

Ion Ratio Lower Upper

91 100

106 31.4 22.3 41.3



#53

m,p-Xylene

Concen: 5.031 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV025838.D

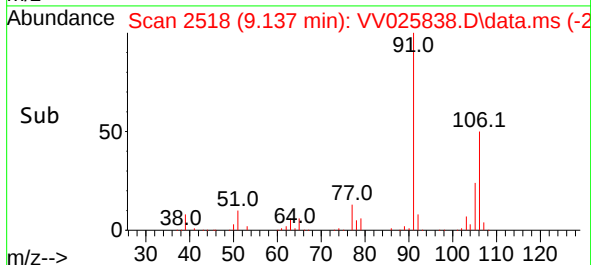
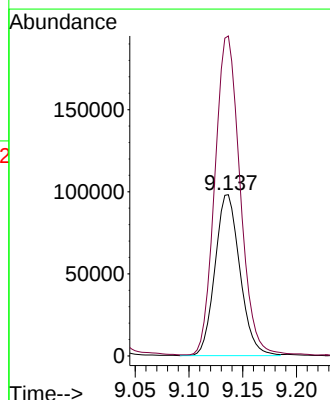
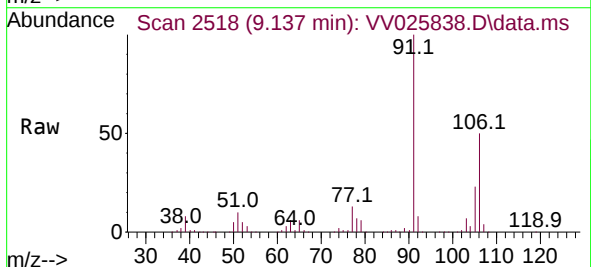
Acq: 04 May 2022 10:17

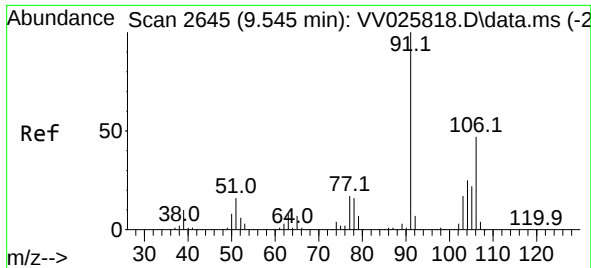
Tgt Ion: 106 Resp: 157649

Ion Ratio Lower Upper

106 100

91 198.4 136.4 253.4





#54

o-Xylene

Concen: 4.985 ug/L

RT: 9.542 min Scan# 2645

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

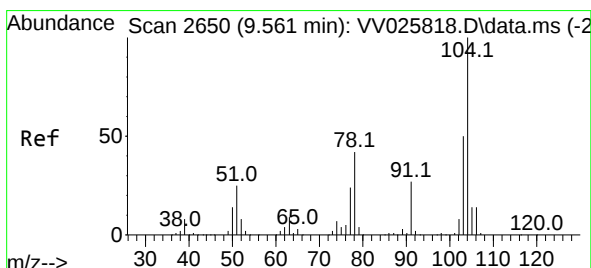
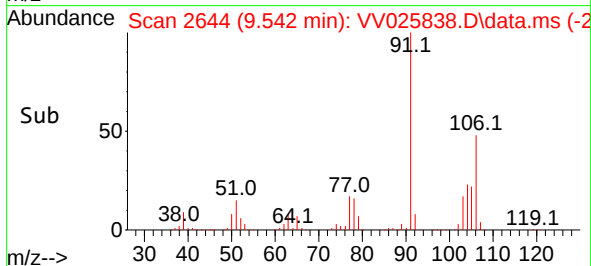
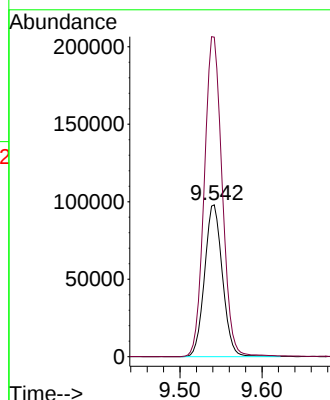
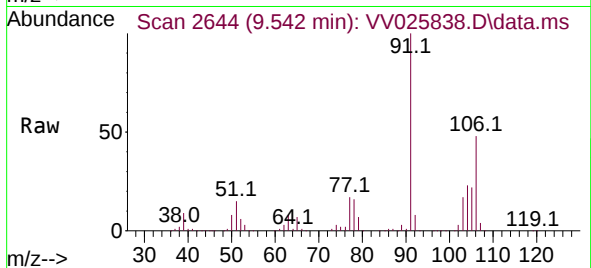
ClientSampleId :

Tgt Ion:106 Resp: 148159

Ion Ratio Lower Upper

106 100

91 210.4 150.4 279.2



#55

Styrene

Concen: 5.276 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.003 min

Lab File: VV025838.D

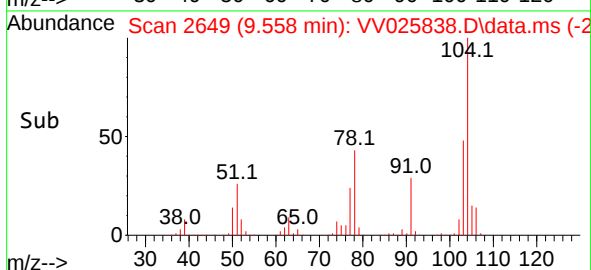
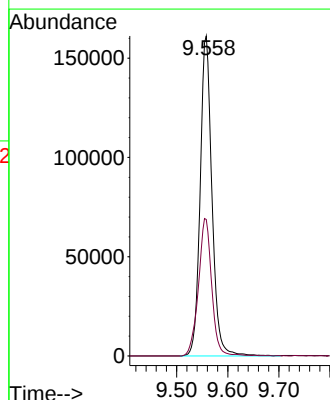
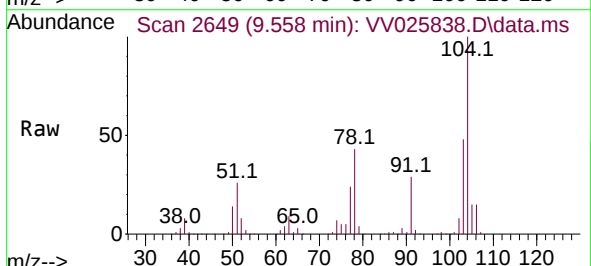
Acq: 04 May 2022 10:17

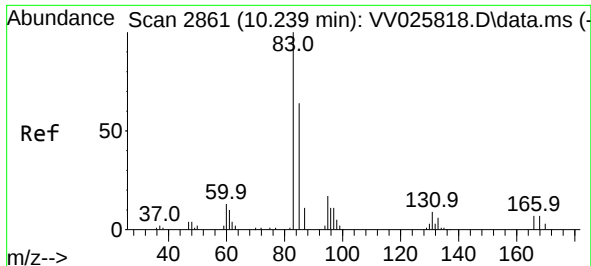
Tgt Ion:104 Resp: 259005

Ion Ratio Lower Upper

104 100

78 42.7 28.3 52.7

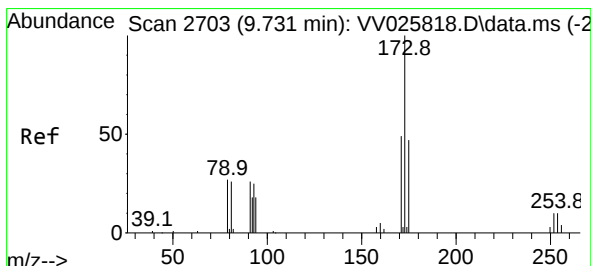
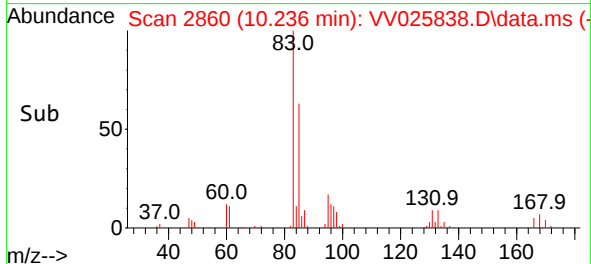
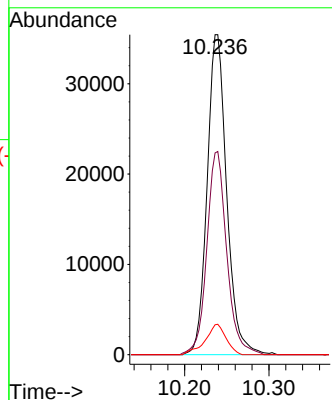
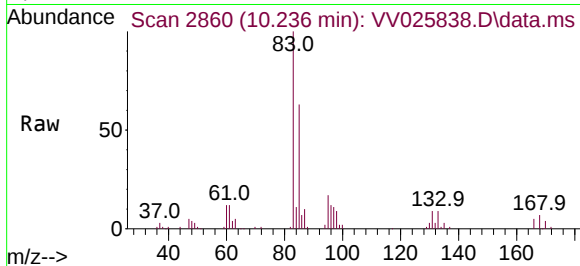




#57
1,1,2,2-Tetrachloroethane
Concen: 4.786 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

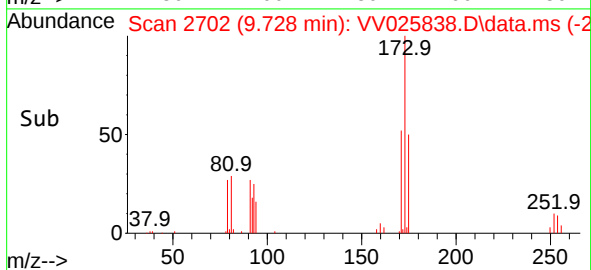
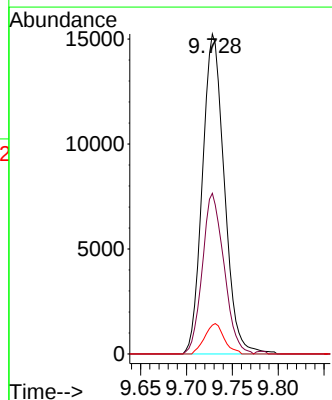
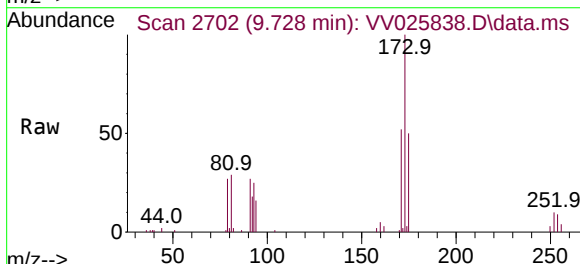
Instrument :
MSVOA_V
ClientSampleId :

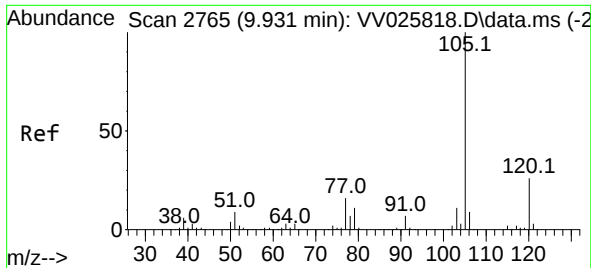
Tgt Ion:	83	Resp:	57253
Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.1	83.9
131	9.4	7.9	11.9



#59
Bromoform
Concen: 4.433 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

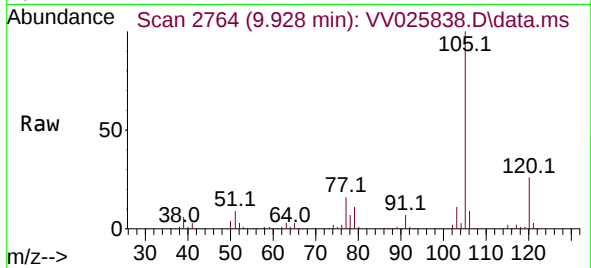
Tgt Ion:	173	Resp:	25343
Ion	Ratio	Lower	Upper
173	100		
175	49.6	40.8	61.2
254	8.4	7.0	10.6



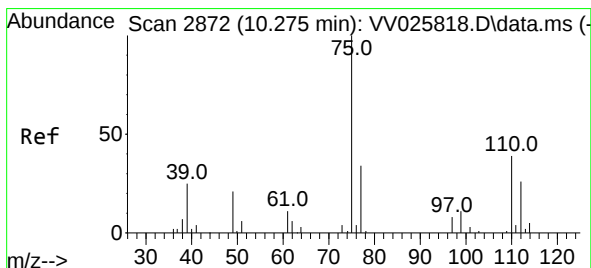
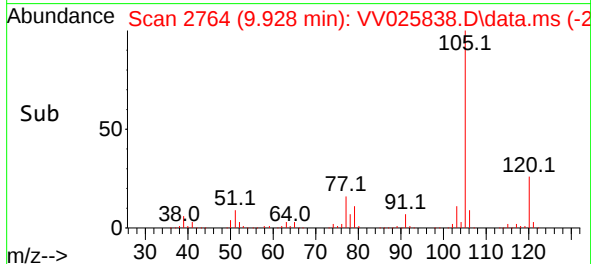
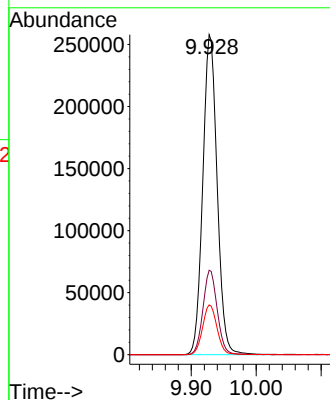


#60
Isopropylbenzene
Concen: 4.851 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Instrument :
MSVOA_V
ClientSampleId :

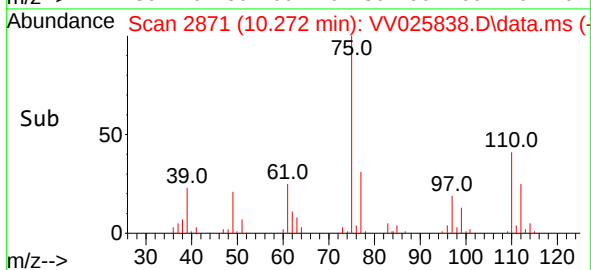
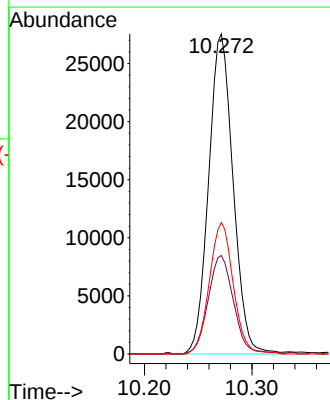
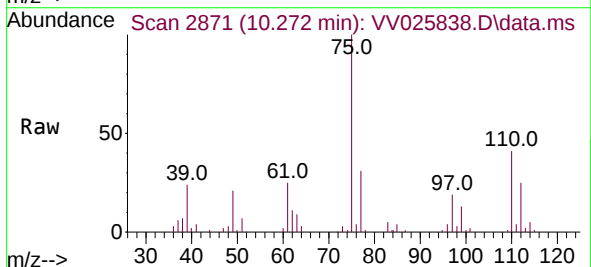


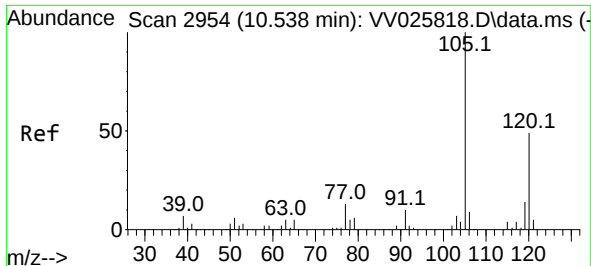
Tgt Ion:105 Resp: 396923
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.467 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion: 75 Resp: 43464
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 40.3 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.701 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025838.D

Acq: 04 May 2022 10:17

Instrument :

MSVOA_V

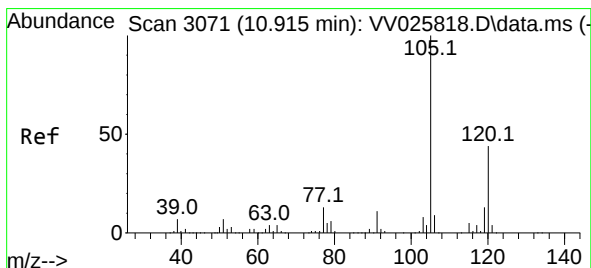
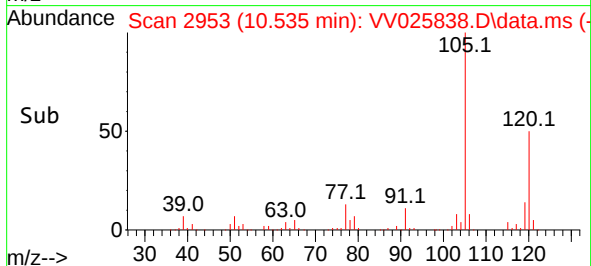
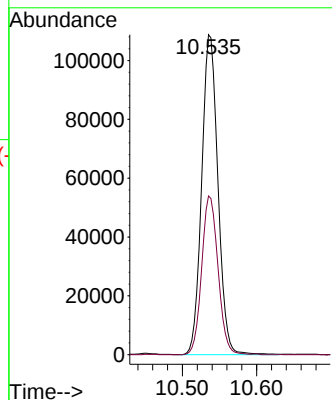
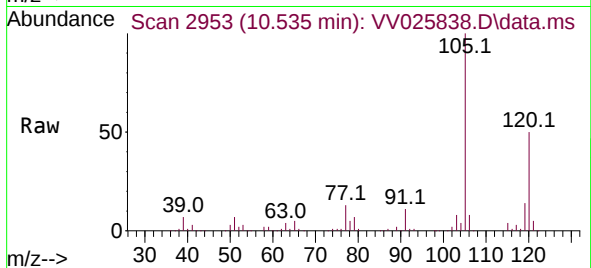
ClientSampleId :

Tgt Ion:105 Resp: 165288

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.950 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025838.D

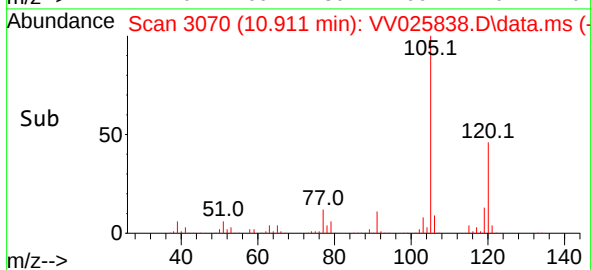
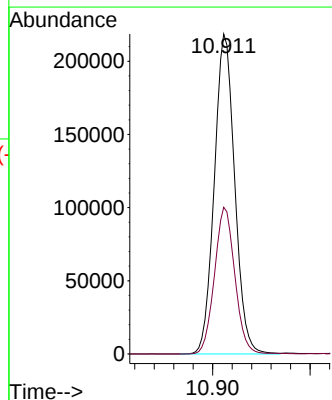
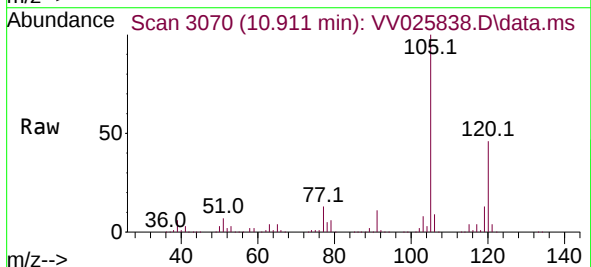
Acq: 04 May 2022 10:17

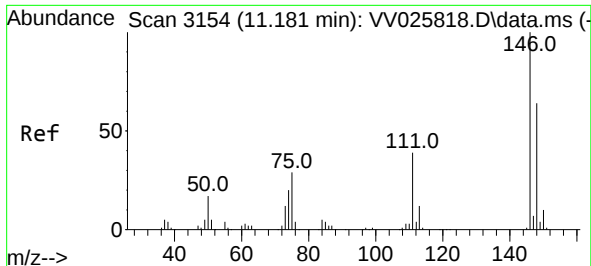
Tgt Ion:105 Resp: 318092

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

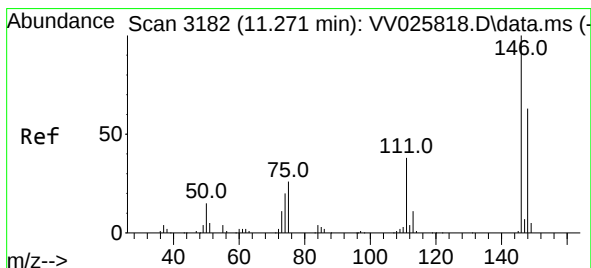
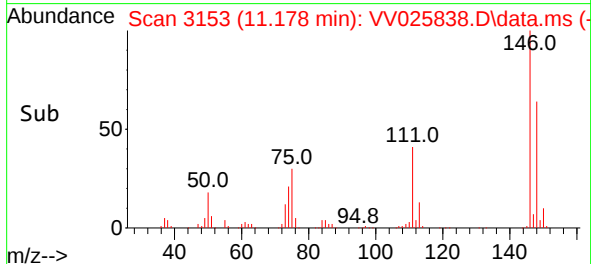
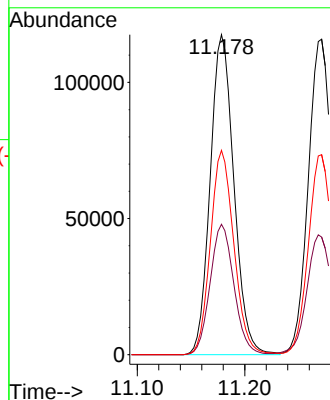
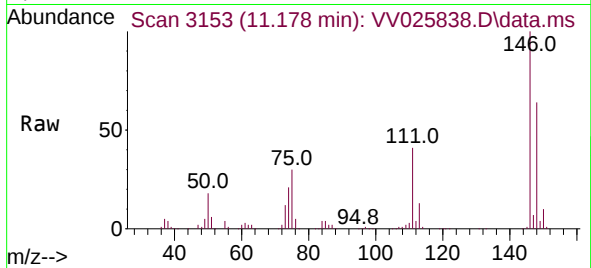




#64
1,3-Dichlorobenzene
Concen: 4.784 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

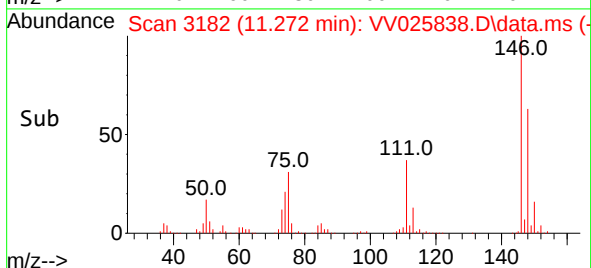
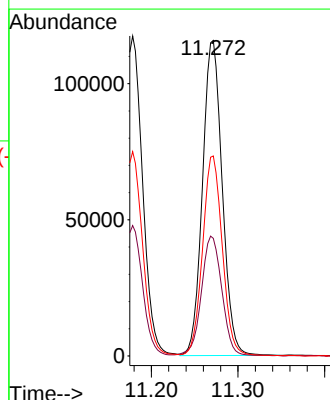
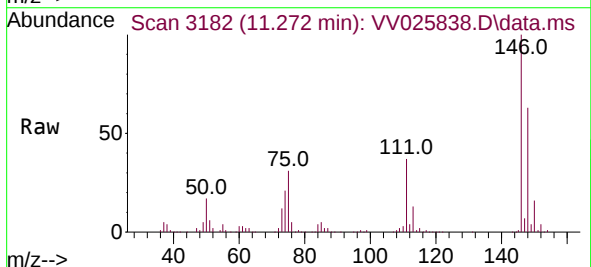
Instrument :
MSVOA_V
ClientSampleId :

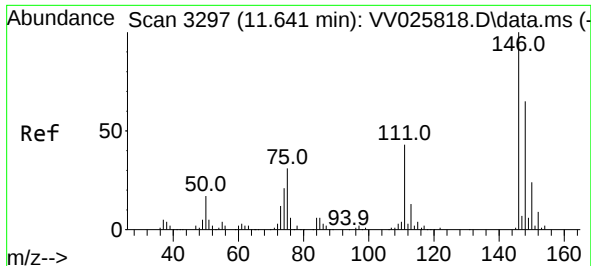
Tgt Ion:146 Resp: 180135
Ion Ratio Lower Upper
146 100
111 40.7 27.4 50.8
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.774 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion:146 Resp: 183520
Ion Ratio Lower Upper
146 100
111 37.3 26.7 49.7
148 63.4 42.8 79.6

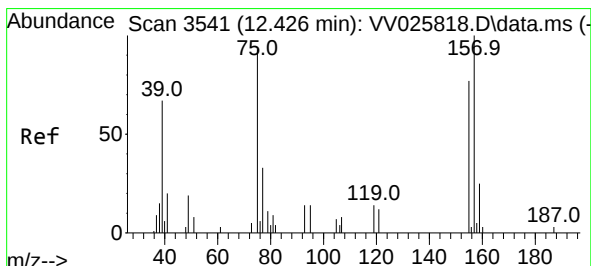
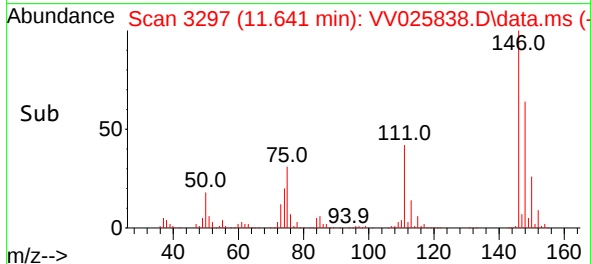
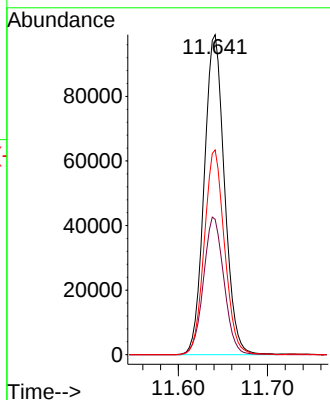
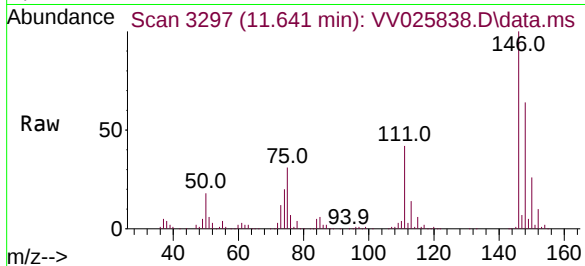




#67
1,2-Dichlorobenzene
Concen: 4.664 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

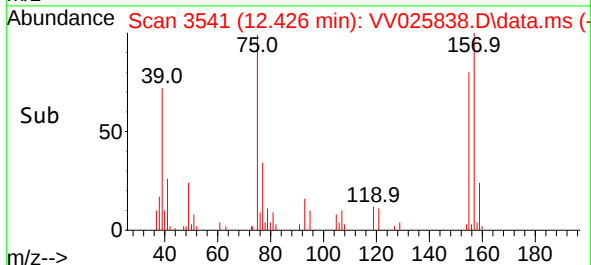
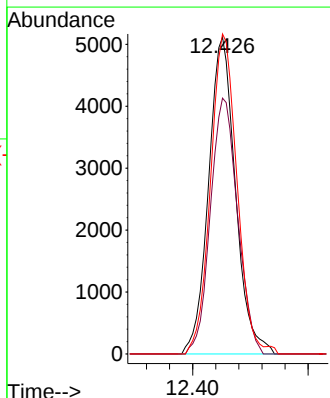
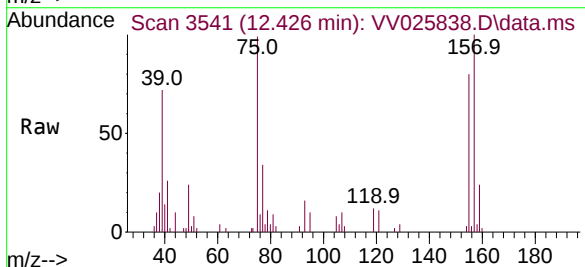
Instrument :
MSVOA_V
ClientSampleId :

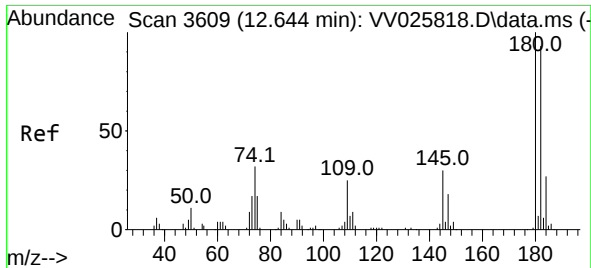
Tgt Ion:146 Resp: 156780
Ion Ratio Lower Upper
146 100
111 42.3 33.6 50.4
148 64.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.554 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

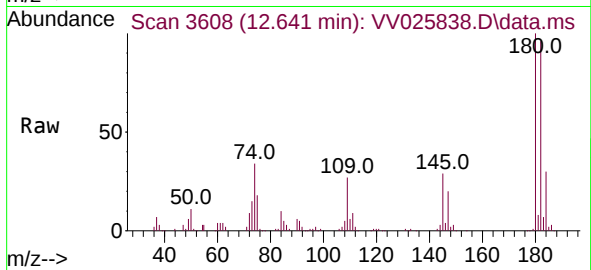
Tgt Ion: 75 Resp: 8266
Ion Ratio Lower Upper
75 100
155 80.8 65.8 98.8
157 101.0 86.6 130.0



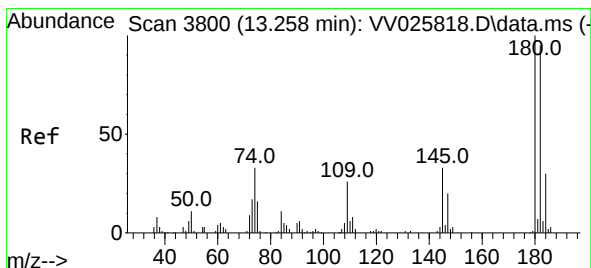
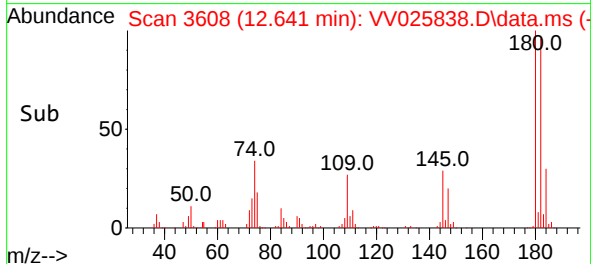
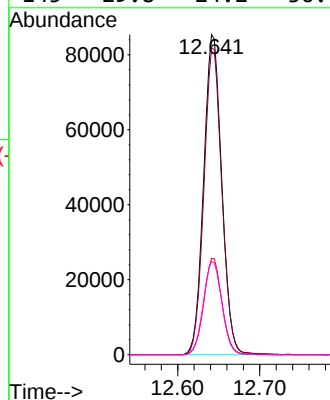


#69
 1,3,5-Trichlorobenzene
 Concen: 4.636 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

Instrument :
 MSVOA_V
 ClientSampleId :

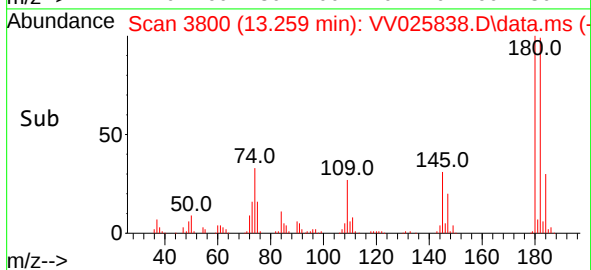
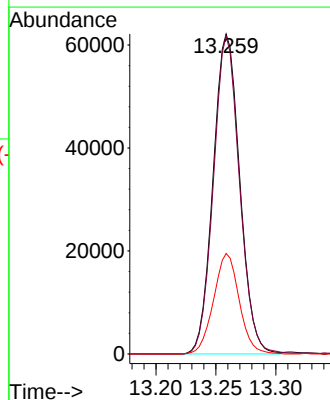
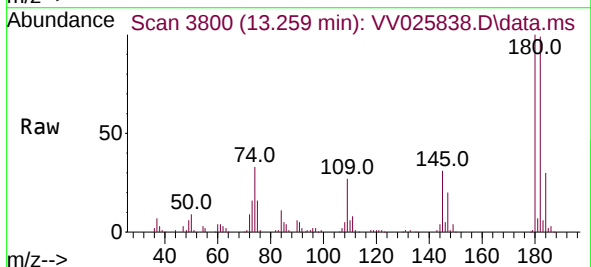


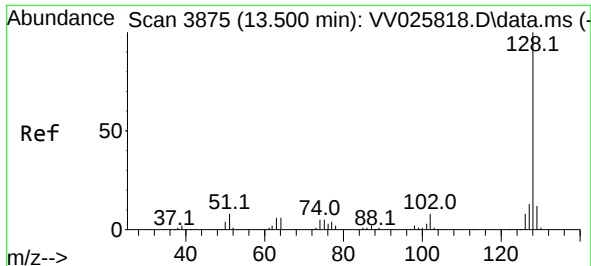
Tgt Ion:180 Resp: 131024
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.3 112.9
 184 30.3 23.4 35.2
 145 29.8 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.542 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025838.D
 Acq: 04 May 2022 10:17

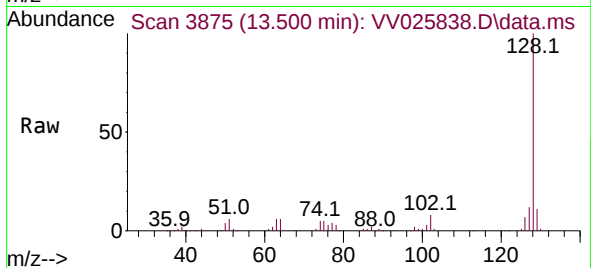
Tgt Ion:180 Resp: 95818
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.6 114.8
 145 30.2 24.6 36.8



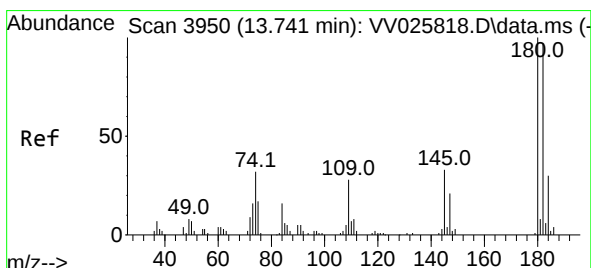
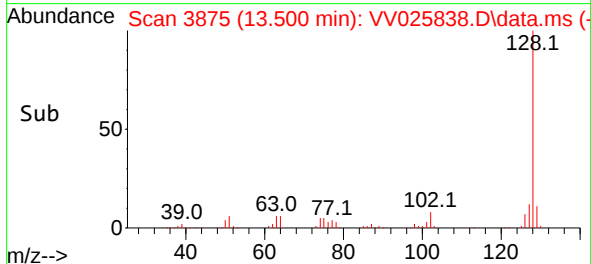
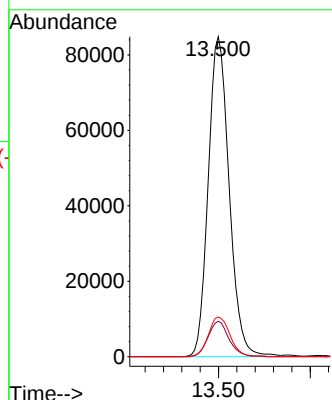


#71
Naphthalene
Concen: 4.483 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 134293
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.727 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025838.D
Acq: 04 May 2022 10:17

Tgt Ion:180 Resp: 81269
Ion Ratio Lower Upper
180 100
182 93.0 77.7 116.5
145 33.5 27.4 41.2

