

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
 Data File : VV028111.D
 Acq On : 26 Sep 2022 10:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 21:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	181790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	79170	4.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.561	69	70054	4.675	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.098	63	135995	4.160	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.902	46	168231	52.873	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.740%	
24) Chloroform-d	4.336	84	150455	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.024	65	69998	4.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.040	84	269129	4.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.063	67	84748	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.307	98	240979	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.616	79	32273	4.787	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.085	63	146549	52.077	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.160%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65726	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.619	152	89634	4.477	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	71333	5.254	ug/L	93
3) Chloromethane	1.237	50	66500	3.698	ug/L	98
5) Vinyl chloride	1.304	62	73390	5.206	ug/L	99
6) Bromomethane	1.516	94	45639	4.971	ug/L	98
8) Chloroethane	1.577	64	46783	4.949	ug/L	99
9) Trichlorofluoromethane	1.745	101	117124	5.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	67515	5.234	ug/L	99
12) 1,1-Dichloroethene	2.108	96	59499	4.736	ug/L	93
13) Acetone	2.201	43	96575	39.405	ug/L	62
14) Carbon disulfide	2.285	76	117668	4.881	ug/L	99
15) Methyl Acetate	2.439	43	22481	4.725	ug/L	94
16) Methylene chloride	2.497	84	68864	4.910	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	133217	4.929	ug/L	99
18) trans-1,2-Dichloroethene	2.748	96	56123	5.103	ug/L	95
19) 1,1-Dichloroethane	3.179	63	126260	5.263	ug/L	99
21) 2-Butanone	3.992	43	137740	45.396	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	65028	4.506	ug/L	98
23) Bromochloromethane	4.240	128	31058	5.375	ug/L	87
25) Chloroform	4.365	83	131847	5.122	ug/L	96

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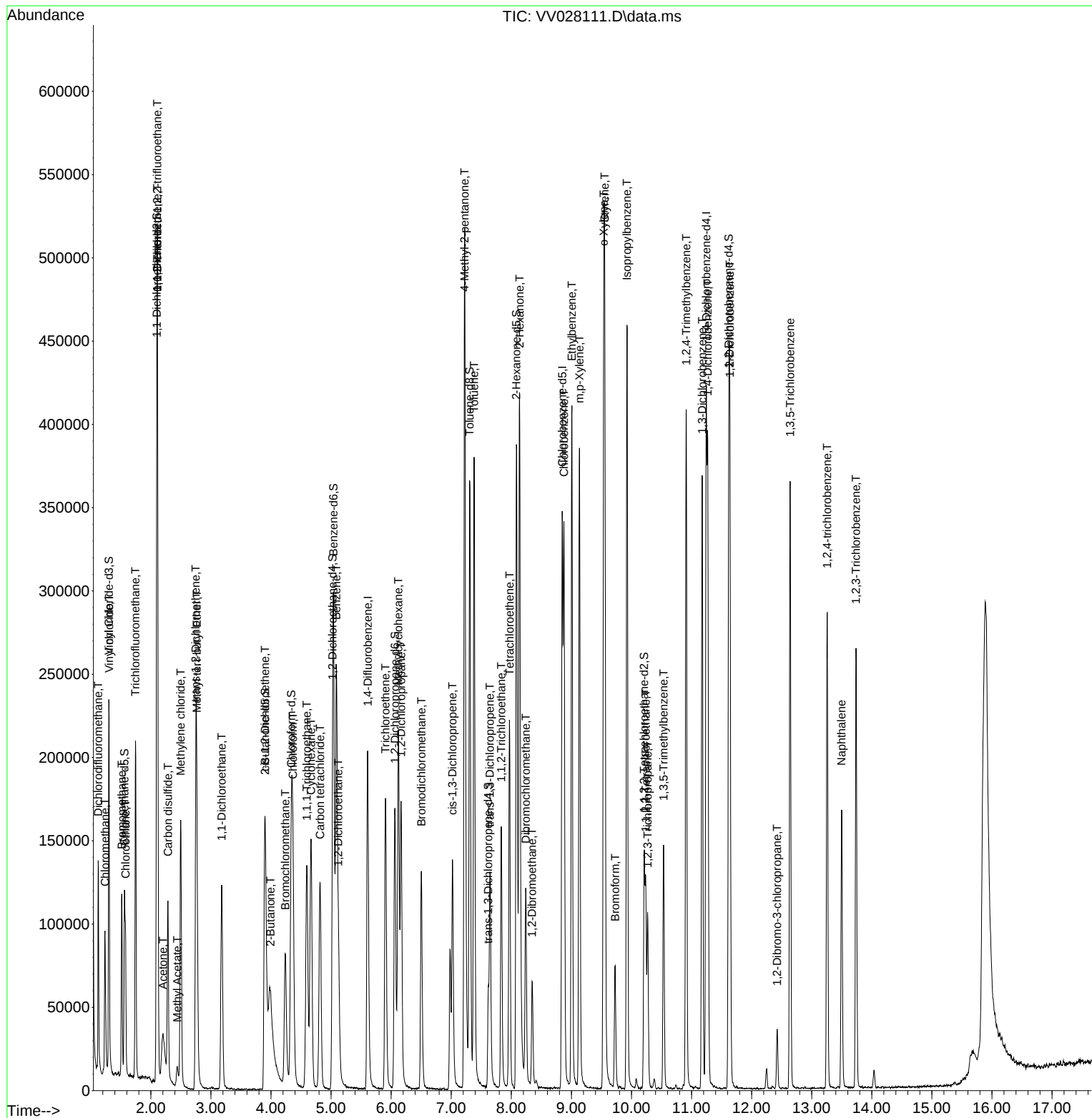
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	71028	5.174	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	114164	5.088	ug/L	98
30) Cyclohexane	4.667	56	75472	4.651	ug/L	95
31) Carbon tetrachloride	4.818	117	95611	5.179	ug/L	99
33) Benzene	5.088	78	256546	5.059	ug/L	100
34) Trichloroethene	5.905	95	63035	4.994	ug/L	97
35) Methylcyclohexane	6.121	83	83688	4.835	ug/L	98
37) 1,2-Dichloropropane	6.166	63	68754	4.837	ug/L	98
38) Bromodichloromethane	6.503	83	91120	5.192	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	81796	4.633	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	363450	52.651	ug/L	100
42) Toluene	7.381	91	280070	5.295	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77645	5.113	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	49631	5.209	ug/L	99
47) Tetrachloroethene	7.969	164	50500	5.012	ug/L	97
48) 2-Hexanone	8.137	43	275222	52.520	ug/L	98
49) Dibromochloromethane	8.239	129	59167	5.164	ug/L	98
50) 1,2-Dibromoethane	8.346	107	42885	5.179	ug/L	97
51) Chlorobenzene	8.876	112	181486	5.116	ug/L	100
52) Ethylbenzene	9.008	91	278536	4.978	ug/L	98
53) m,p-Xylene	9.133	106	109773	5.119	ug/L	98
54) o-Xylene	9.538	106	106487	5.029	ug/L	99
55) Styrene	9.555	104	196843	5.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	59756	5.382	ug/L	100
59) Bromoform	9.728	173	32872	5.072	ug/L	98
60) Isopropylbenzene	9.924	105	290297	4.845	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	41857	4.889	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	76233	4.517	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	219909	4.661	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	151373	5.077	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150256	5.037	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	139743	4.962	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	9090	4.844	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	117737	4.989	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	90664	4.804	ug/L	99
71) Naphthalene	13.497	128	133513	4.320	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	81960	4.801	ug/L	100

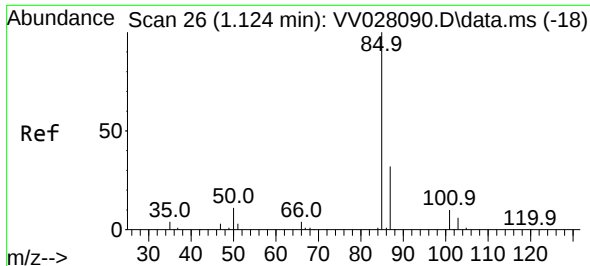
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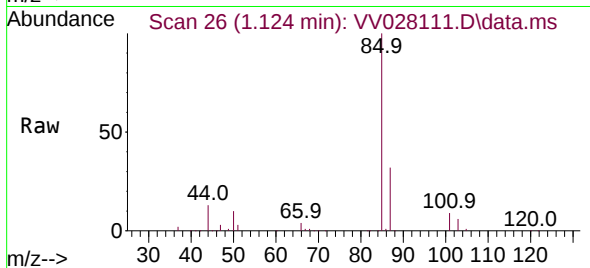
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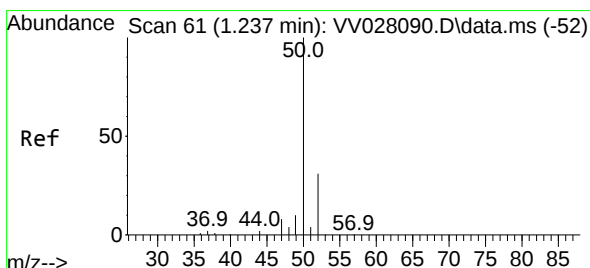
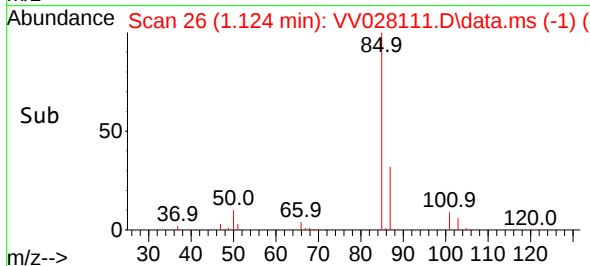
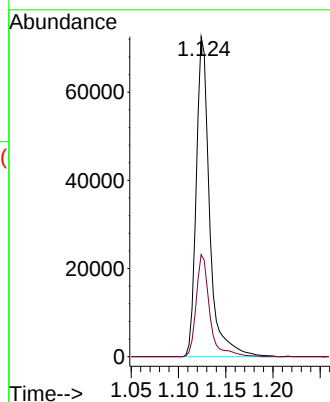


#2
 Dichlorodifluoromethane
 Concen: 5.254 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Instrument :
 MSVOA_V
 ClientSampleId :

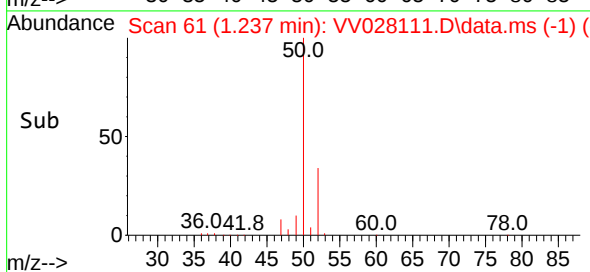
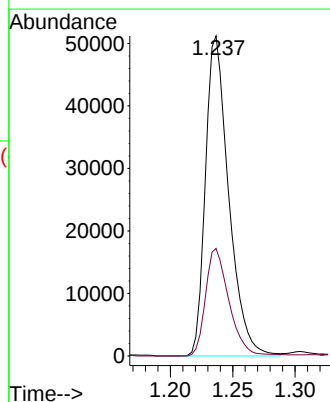
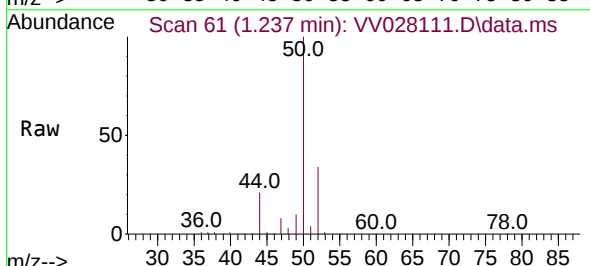


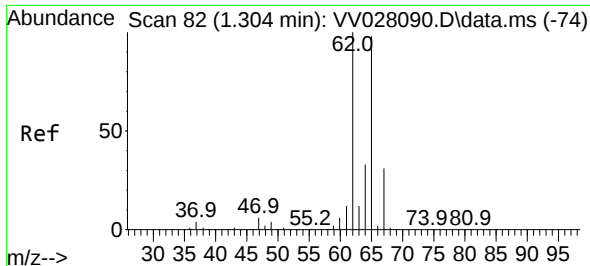
Tgt Ion: 85 Resp: 71333
 Ion Ratio Lower Upper
 85 100
 87 32.3 22.8 34.2



#3
 Chloromethane
 Concen: 3.698 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion: 50 Resp: 66500
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.4 45.2

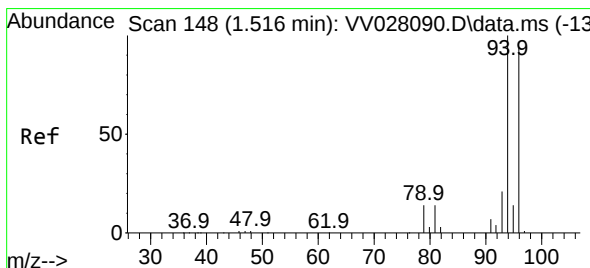
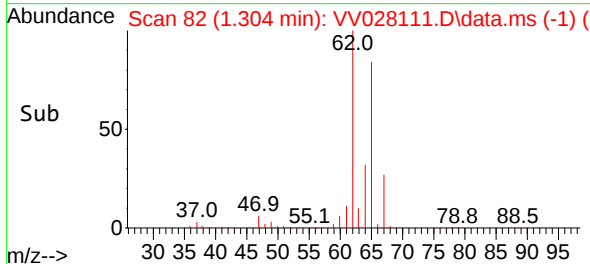
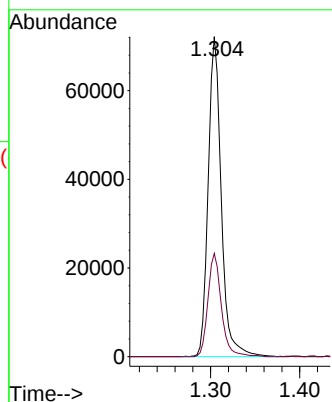
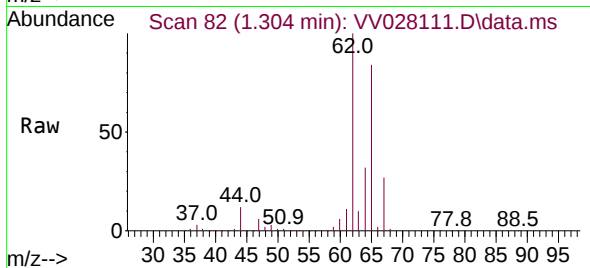




#5
 Vinyl chloride
 Concen: 5.206 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

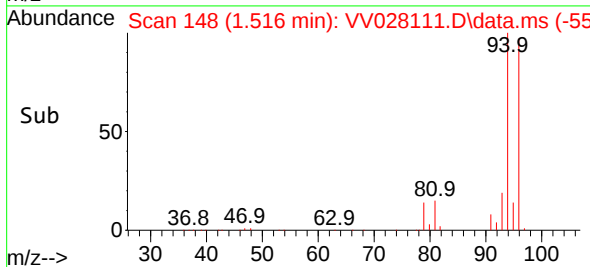
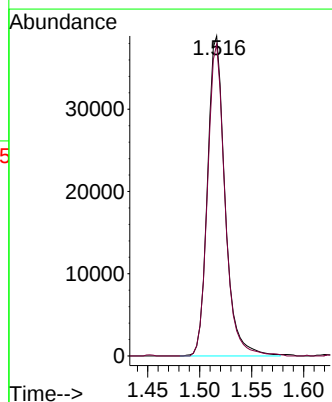
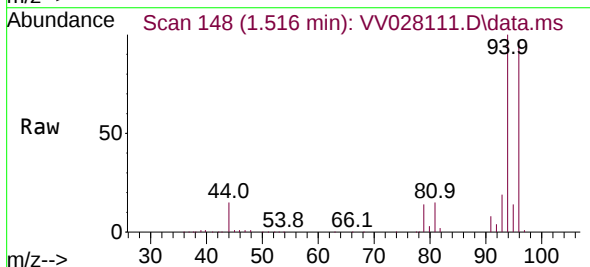
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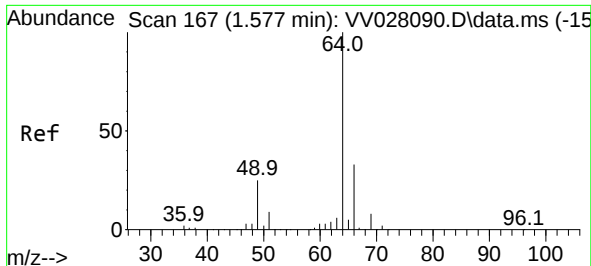
Tgt Ion: 62 Resp: 73390
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 4.971 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion: 94 Resp: 45639
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.7 123.9

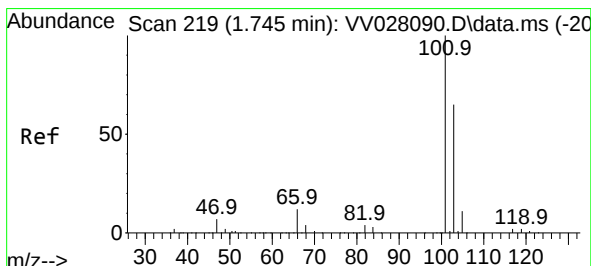
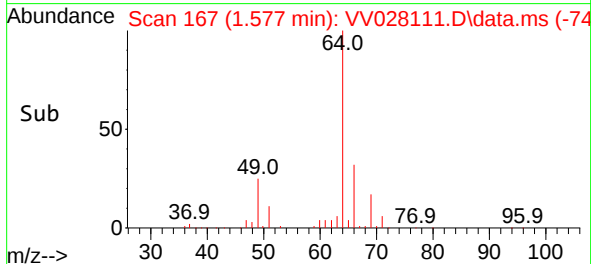
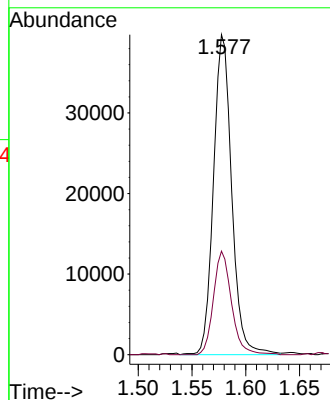
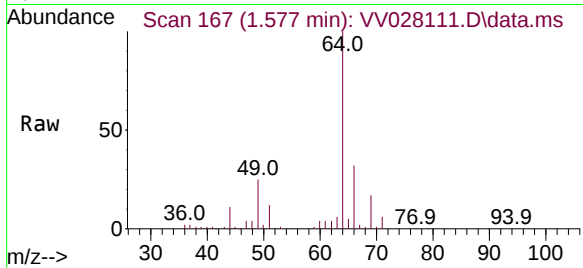




#8
Chloroethane
Concen: 4.949 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

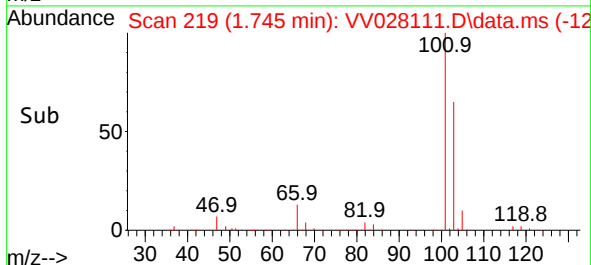
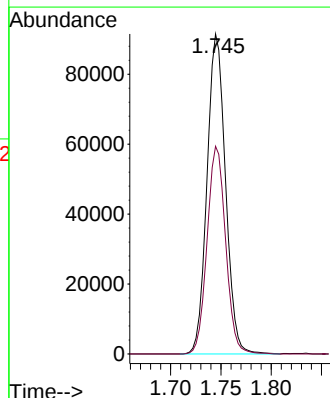
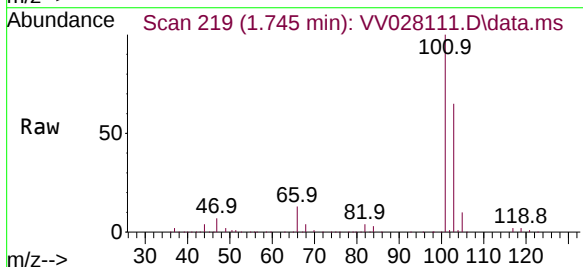
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MSVOA_V
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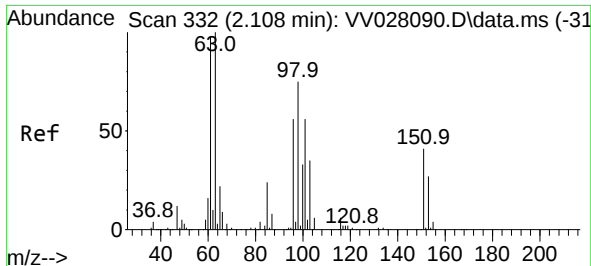
Tgt Ion: 64 Resp: 46783
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.233 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion:101 Resp: 117124
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

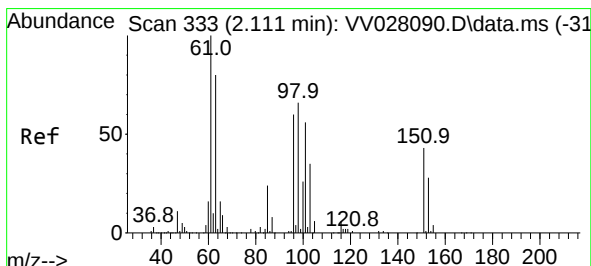
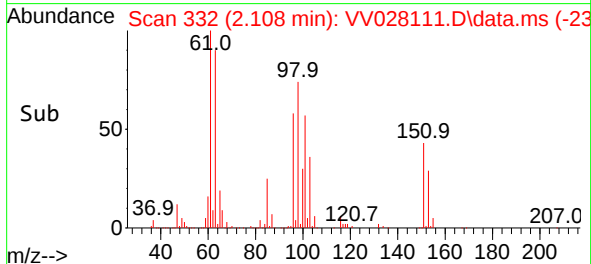
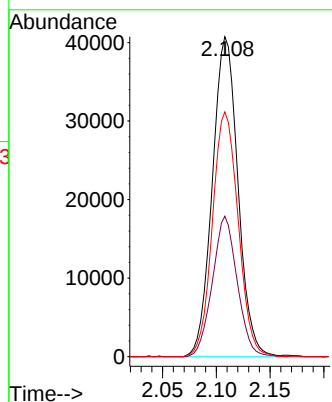
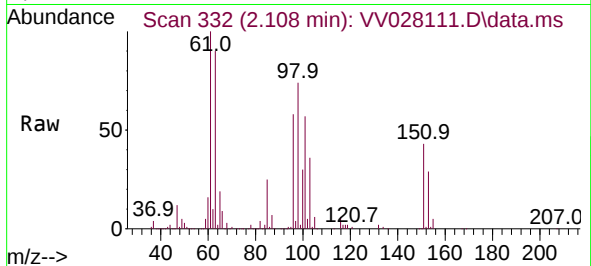




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.234 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

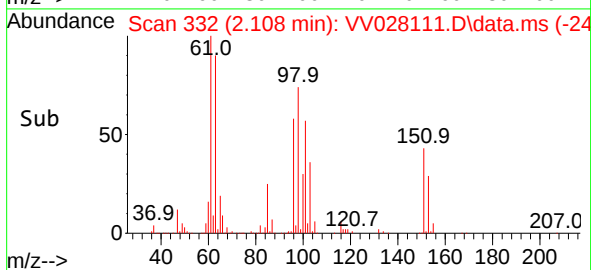
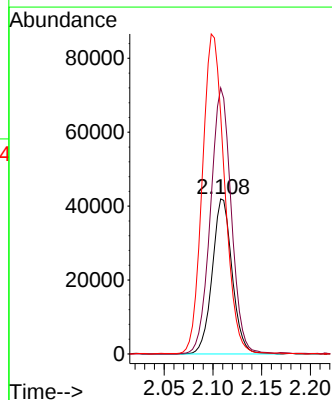
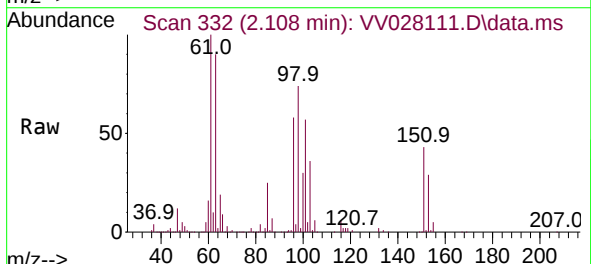
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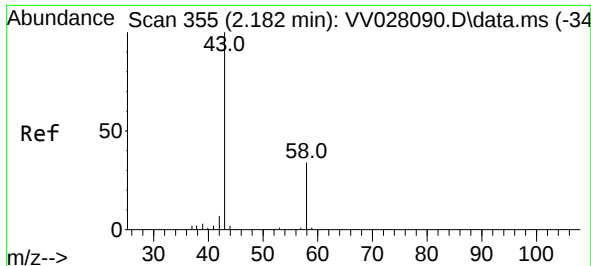
Tgt Ion:101 Resp: 67515
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.4 51.6
 151 76.8 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.736 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion: 96 Resp: 59499
 Ion Ratio Lower Upper
 96 100
 61 171.6 128.3 238.3
 63 154.5 112.7 209.3

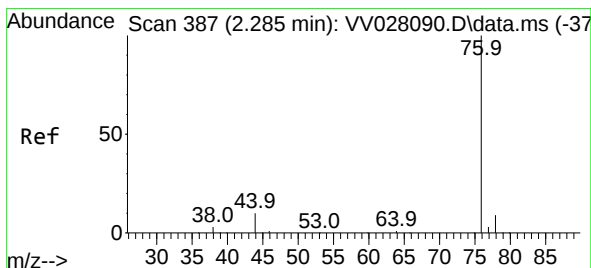
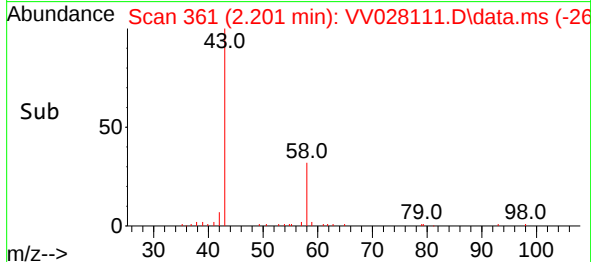
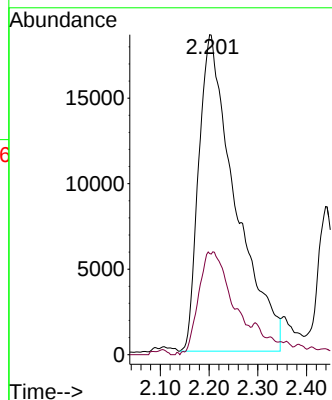
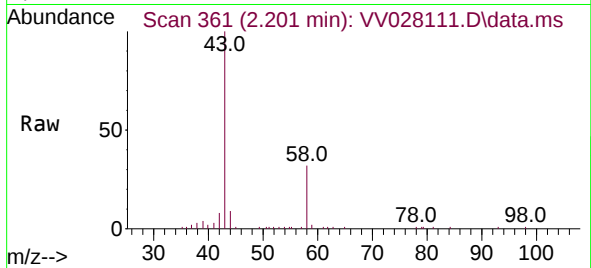




#13
Acetone
Concen: 39.405 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

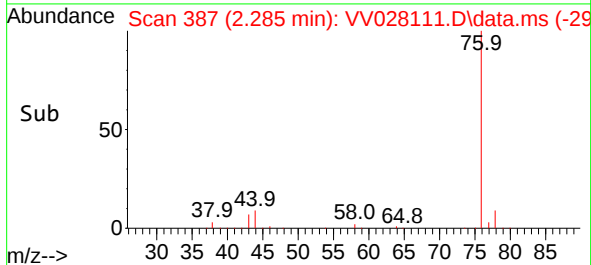
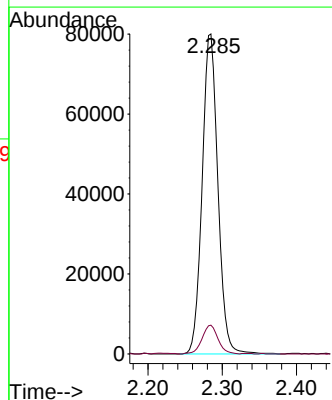
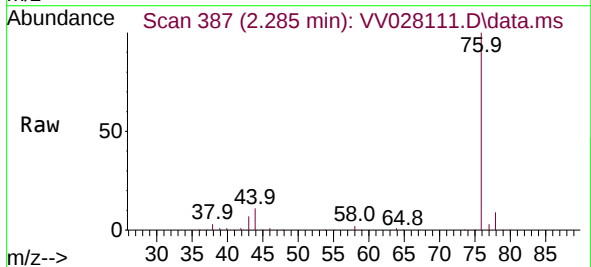
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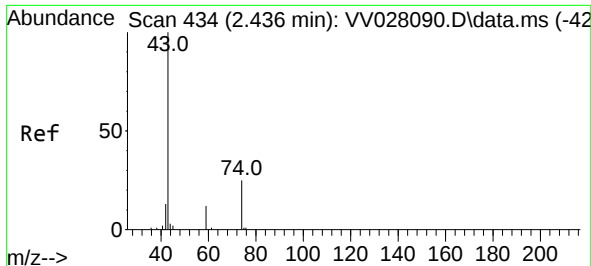
Tgt Ion: 43 Resp: 96575
Ion Ratio Lower Upper
43 100
58 11.6 0.0 65.6



#14
Carbon disulfide
Concen: 4.881 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028111.D
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Tgt Ion: 76 Resp: 117668
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

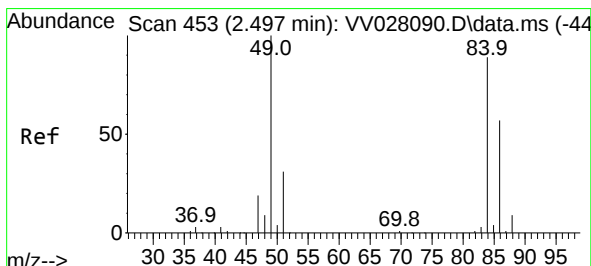
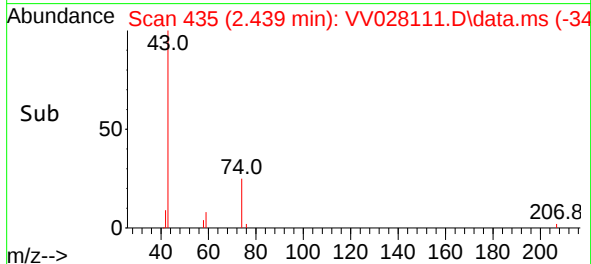
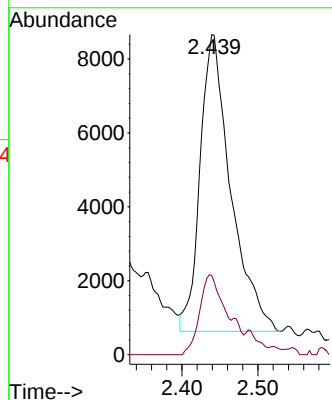
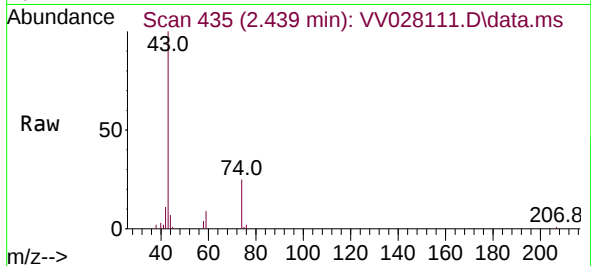




#15
Methyl Acetate
Concen: 4.725 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

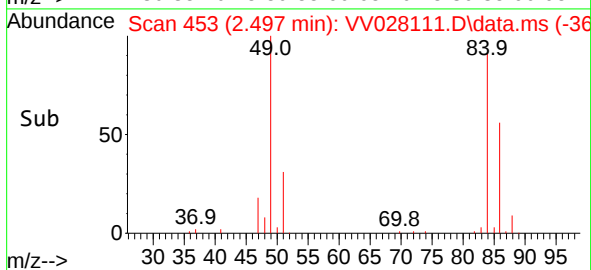
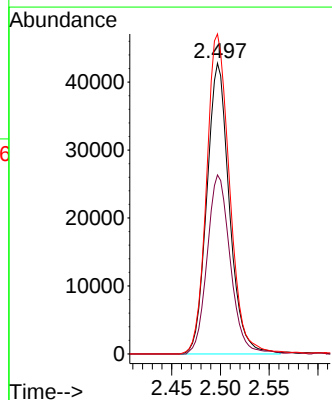
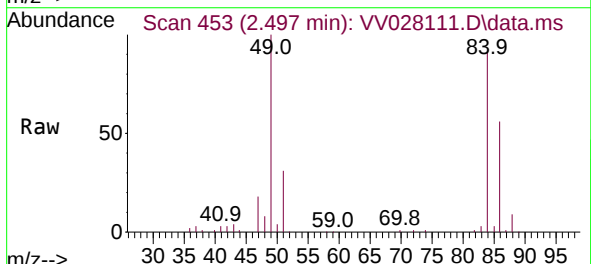
Instrument :
MSVOA_V
ClientSampleId :

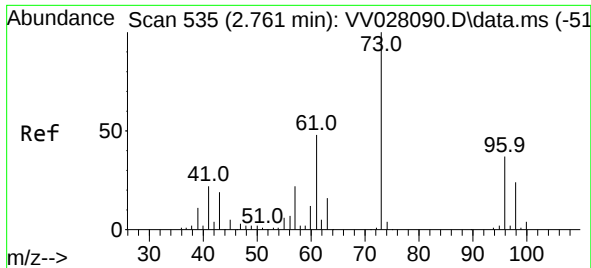
Tgt Ion: 43 Resp: 22481
Ion Ratio Lower Upper
43 100
74 24.1 16.9 25.3



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 84 Resp: 68864
Ion Ratio Lower Upper
84 100
86 61.6 46.8 86.8
49 110.1 87.5 162.5

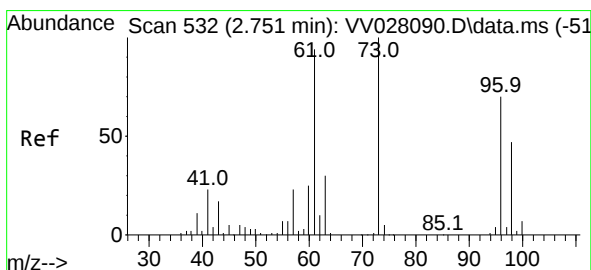
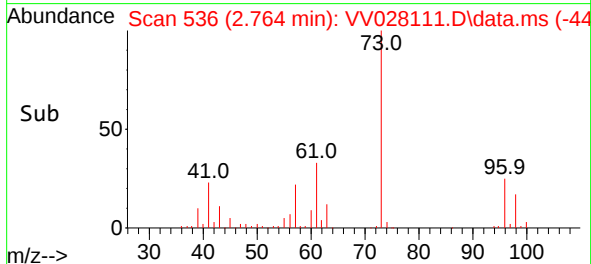
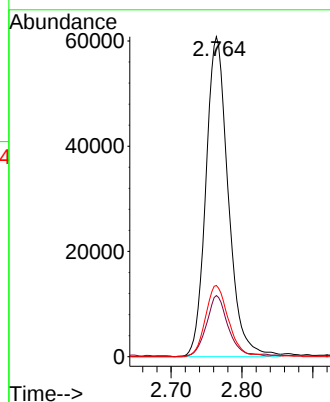
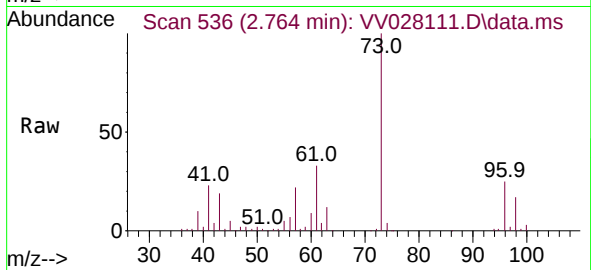




#17
Methyl tert-butyl Ether
Concen: 4.929 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

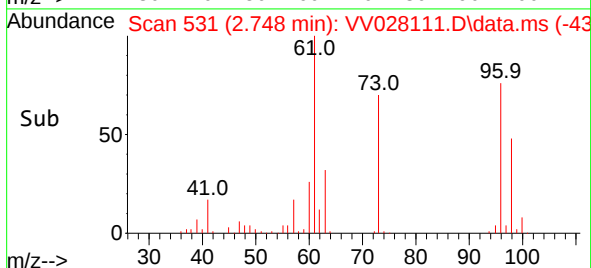
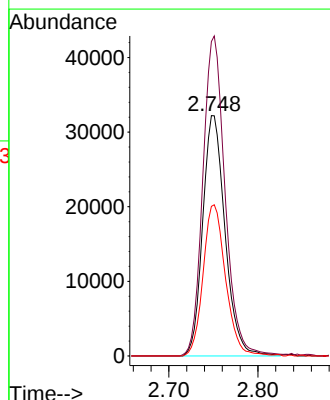
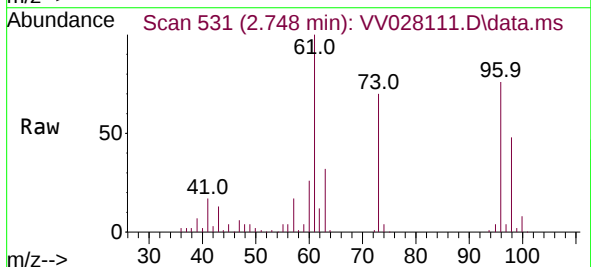
Instrument :
MSVOA_V
ClientSampleId :

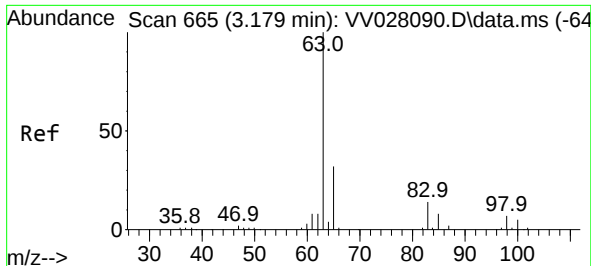
Tgt Ion: 73 Resp: 133217
Ion Ratio Lower Upper
73 100
43 18.7 15.7 23.5
57 22.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.103 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 96 Resp: 56123
Ion Ratio Lower Upper
96 100
61 130.8 96.2 178.6
98 62.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.263 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

ClientSampleId :

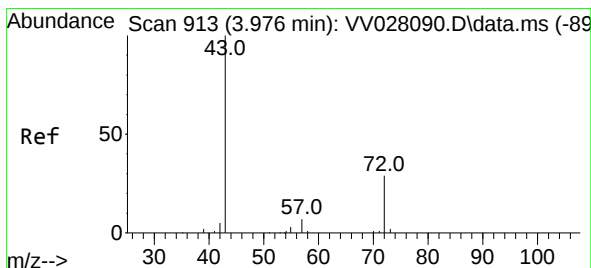
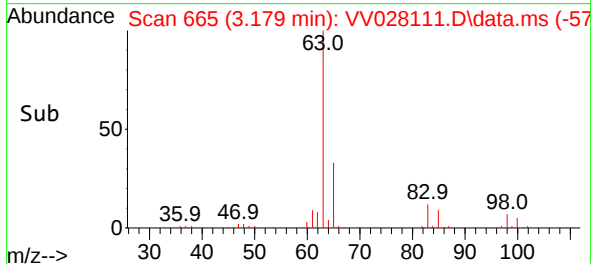
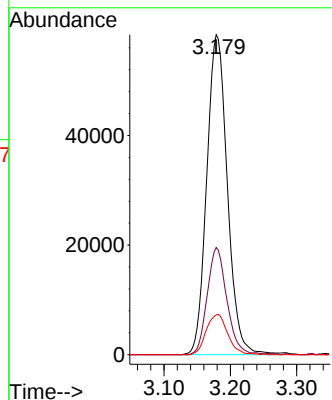
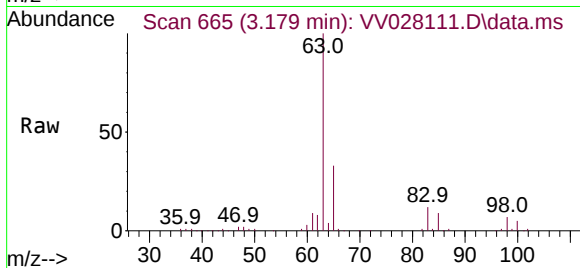
Tgt Ion: 63 Resp: 126260

Ion Ratio Lower Upper

63 100

65 33.5 23.0 42.8

83 12.5 9.2 17.2



#21

2-Butanone

Concen: 45.396 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.016 min

Lab File: VV028111.D

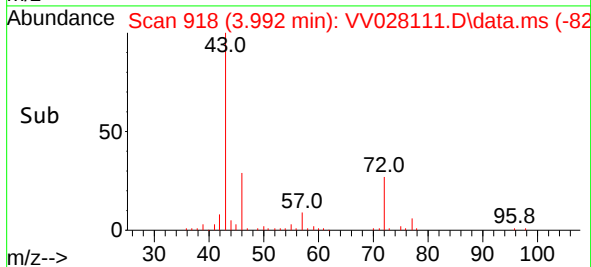
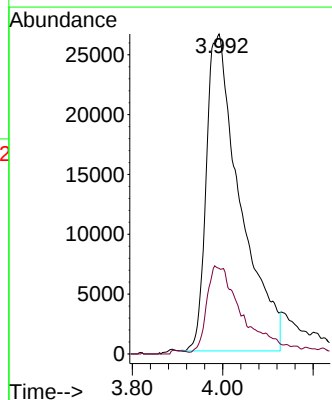
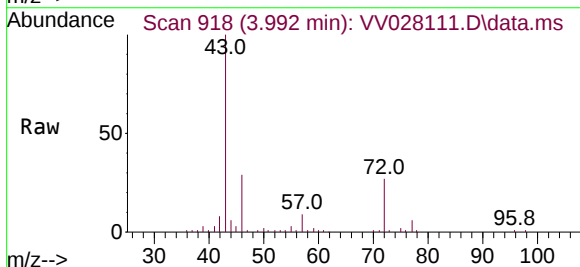
Acq: 26 Sep 2022 10:29

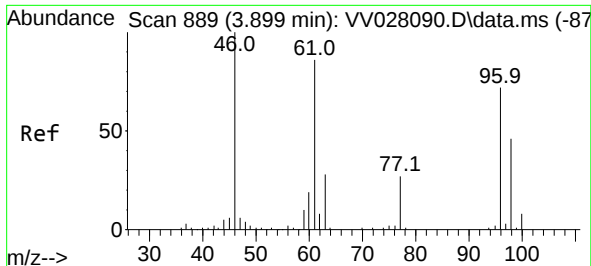
Tgt Ion: 43 Resp: 137740

Ion Ratio Lower Upper

43 100

72 27.6 12.7 38.1

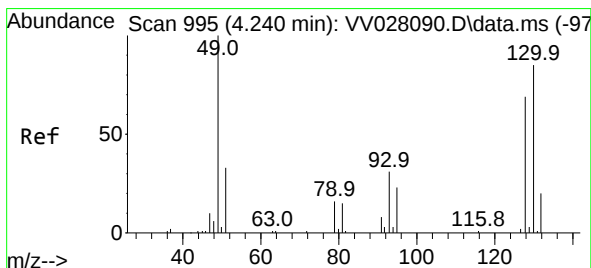
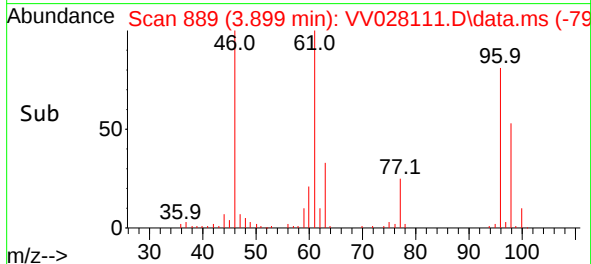
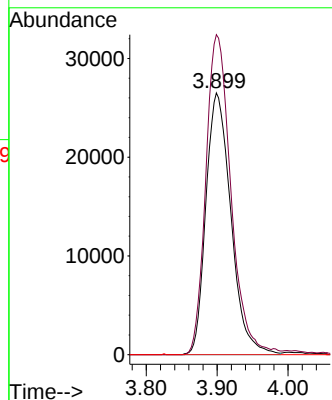
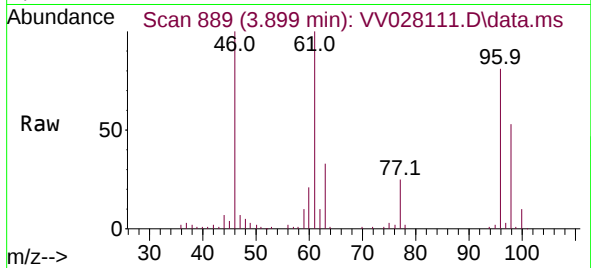




#22
 cis-1,2-Dichloroethene
 Concen: 4.506 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

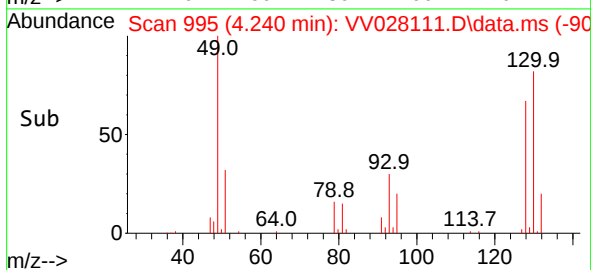
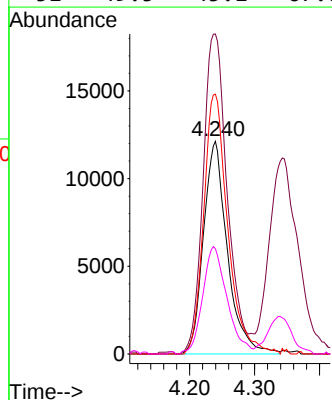
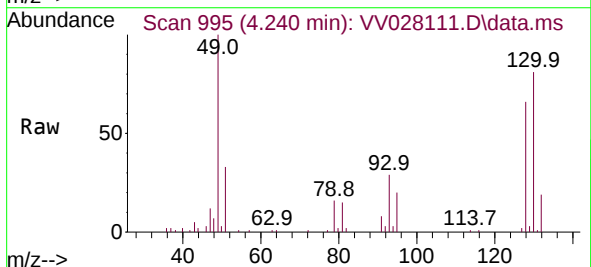
Instrument :
 MSVOA_V
 ClientSampleId :

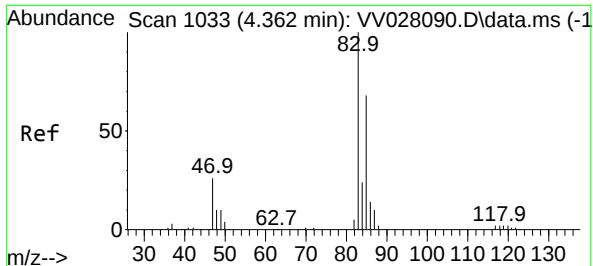
Tgt Ion: 96 Resp: 65028
 Ion Ratio Lower Upper
 96 100
 61 122.3 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.375 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion: 128 Resp: 31058
 Ion Ratio Lower Upper
 128 100
 49 150.4 119.9 222.7
 130 122.2 94.6 175.8
 51 49.5 45.1 67.7





#25

Chloroform

Concen: 5.122 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

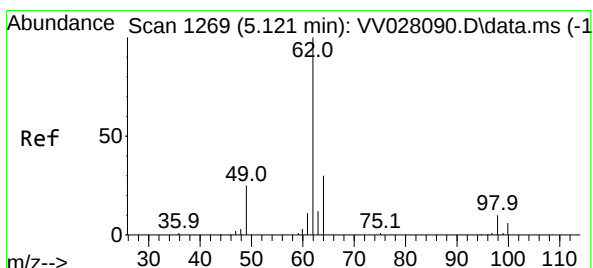
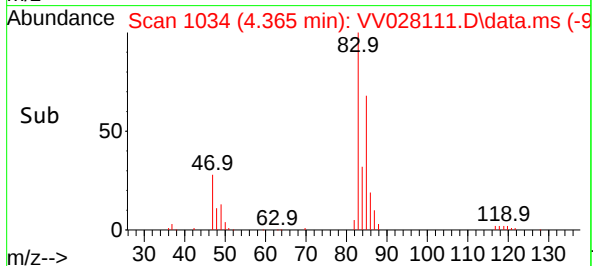
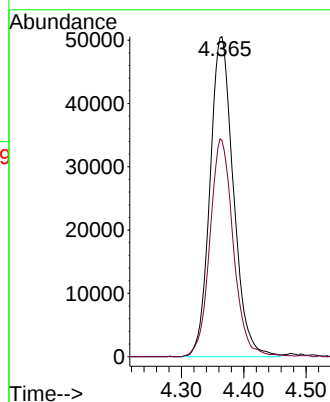
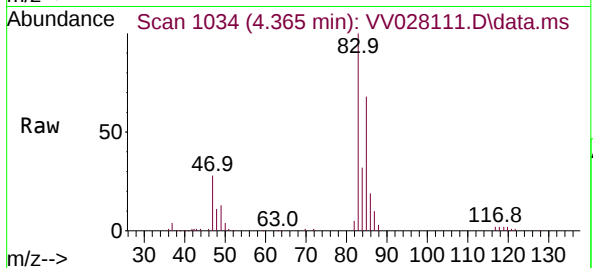
ClientSampleId :

Tgt Ion: 83 Resp: 131847

Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.174 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VV028111.D

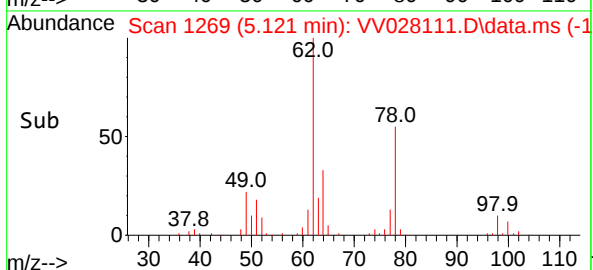
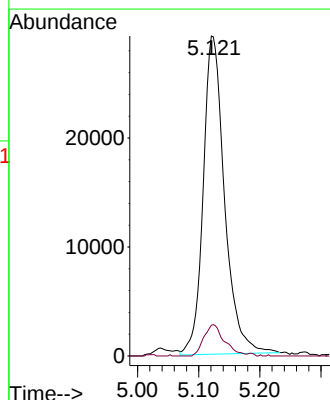
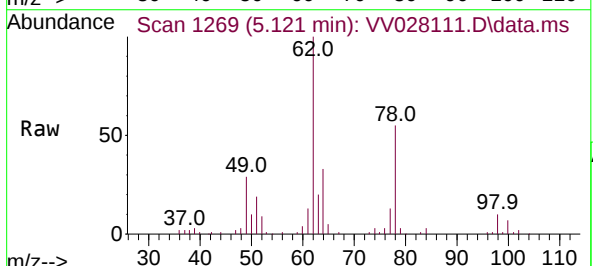
Acq: 26 Sep 2022 10:29

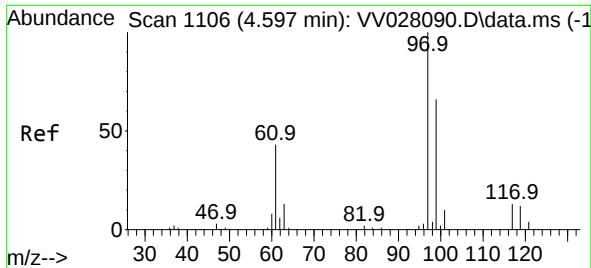
Tgt Ion: 62 Resp: 71028

Ion Ratio Lower Upper

62 100

98 9.6 6.7 10.1

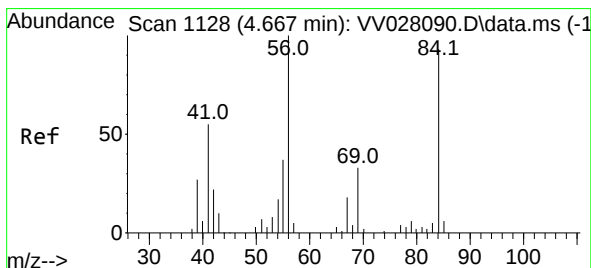
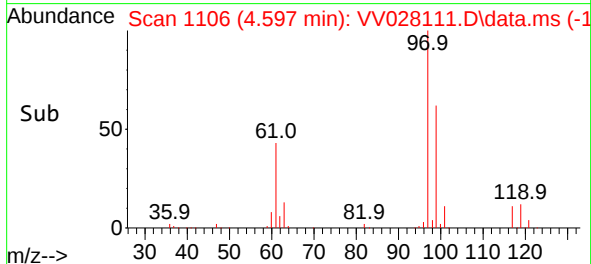
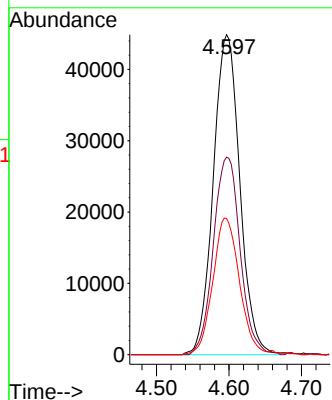
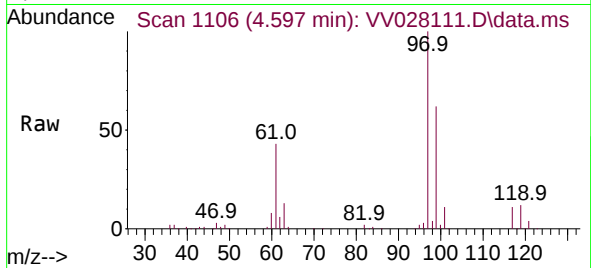




#29
1,1,1-Trichloroethane
Concen: 5.088 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

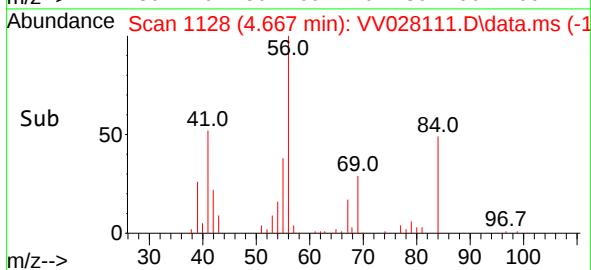
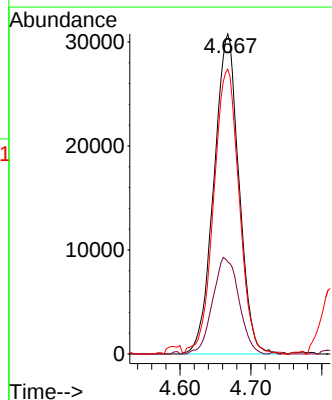
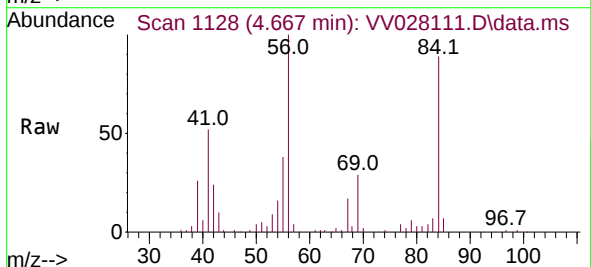
Instrument :
MSVOA_V
ClientSampleId :

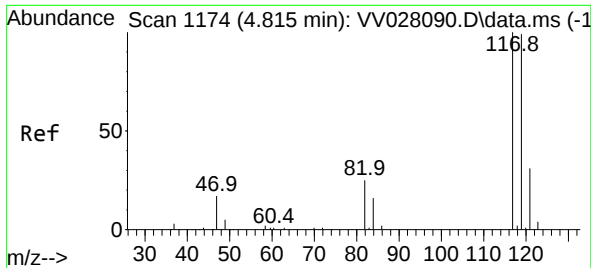
Tgt Ion: 97 Resp: 114164
Ion Ratio Lower Upper
97 100
99 62.3 51.9 77.9
61 42.8 34.8 52.2



#30
Cyclohexane
Concen: 4.651 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 56 Resp: 75472
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 89.5 67.3 100.9

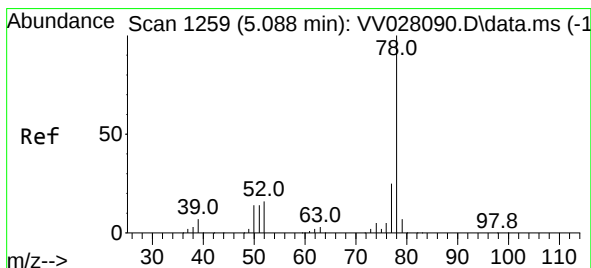
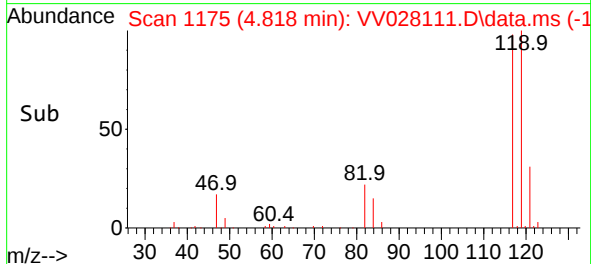
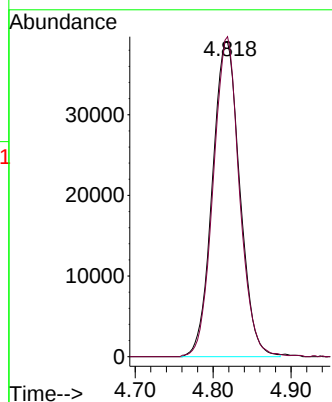
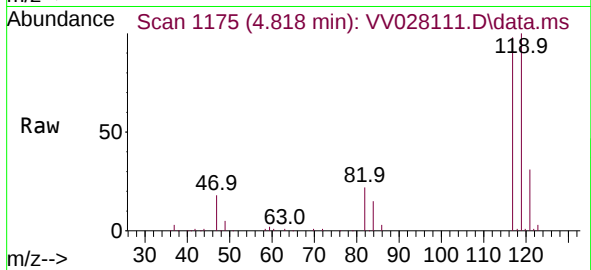




#31
Carbon tetrachloride
Concen: 5.179 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

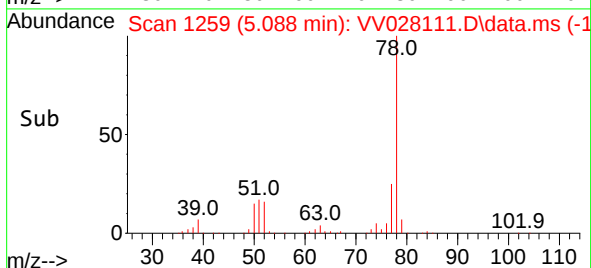
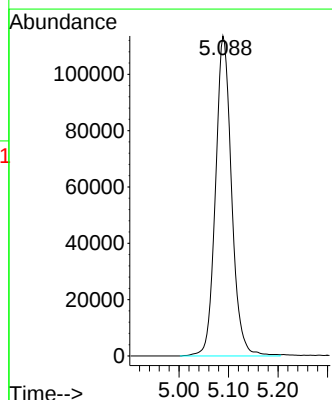
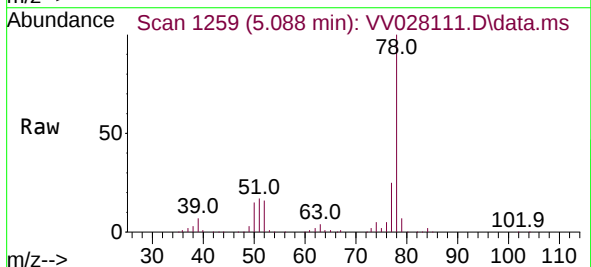
Instrument :
MSVOA_V
ClientSampleId :

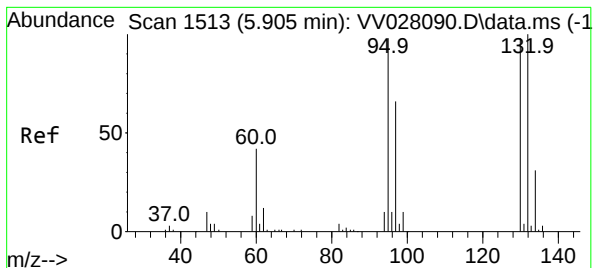
Tgt Ion:117 Resp: 95611
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3



#33
Benzene
Concen: 5.059 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 78 Resp: 256546





#34

Trichloroethene

Concen: 4.994 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. 0.000 min

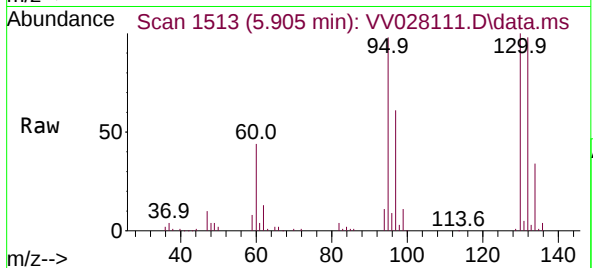
Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 63035

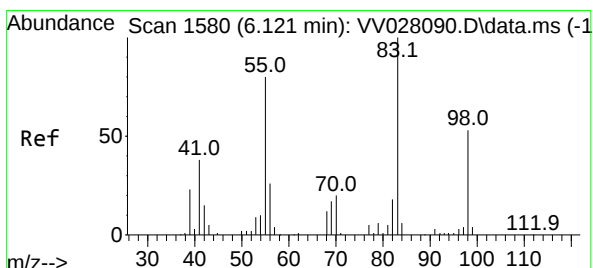
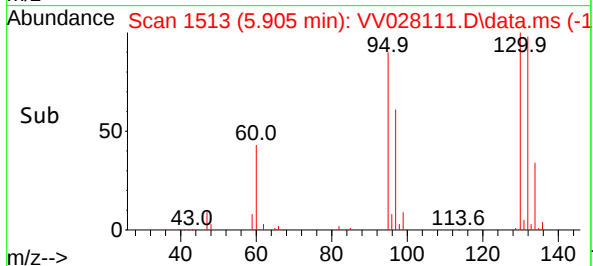
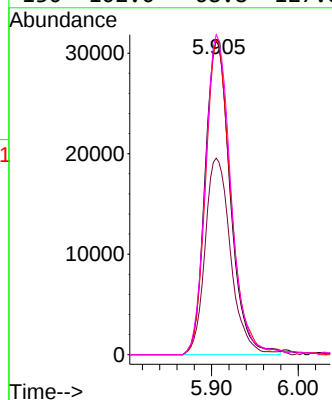
Ion Ratio Lower Upper

95 100

97 62.6 44.2 82.0

132 100.2 67.8 126.0

130 102.0 68.8 127.8



#35

Methylcyclohexane

Concen: 4.835 ug/L

RT: 6.121 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

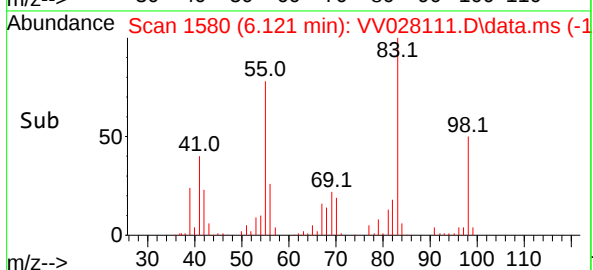
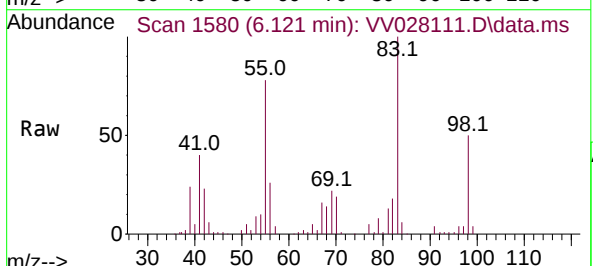
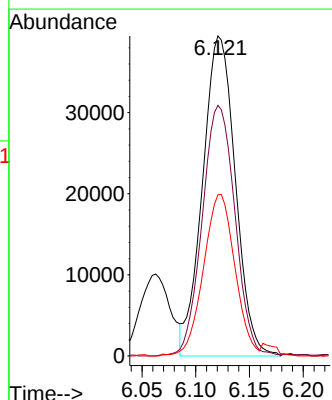
Tgt Ion: 83 Resp: 83688

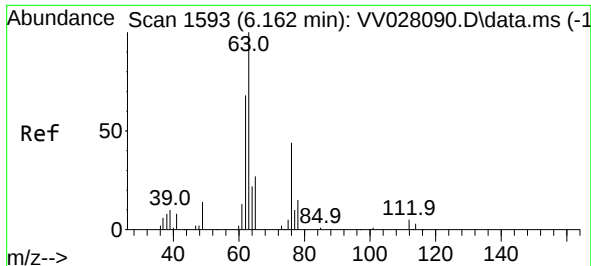
Ion Ratio Lower Upper

83 100

55 78.4 64.7 97.1

98 48.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.837 ug/L

RT: 6.166 min Scan# 1593

Delta R.T. 0.003 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

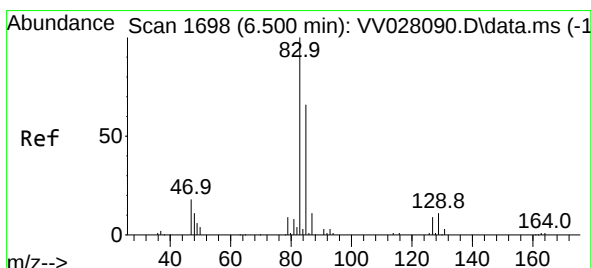
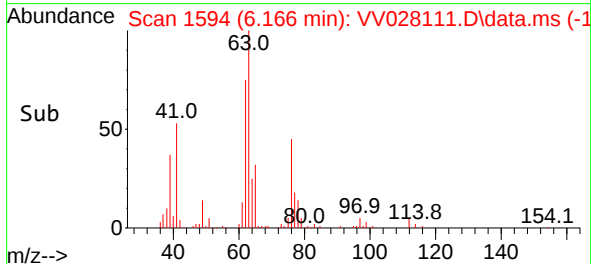
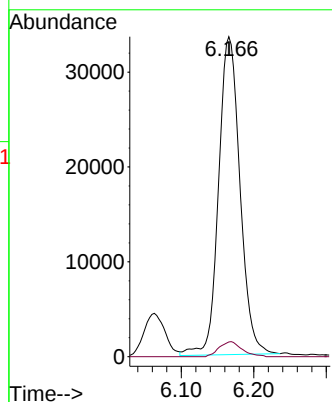
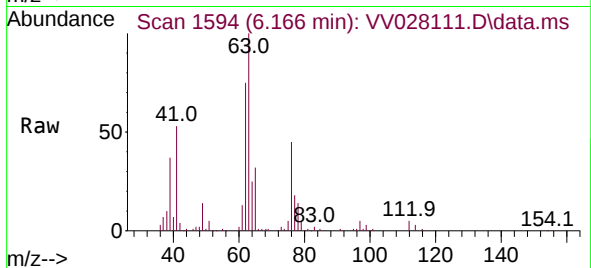
ClientSampleId :

Tgt Ion: 63 Resp: 68754

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 5.192 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

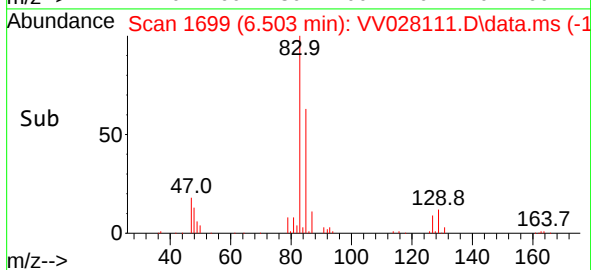
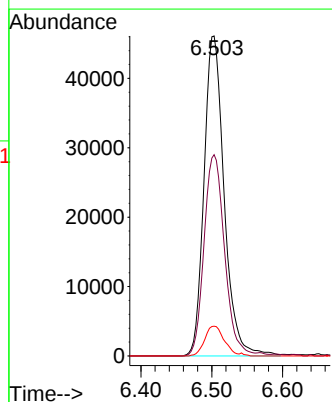
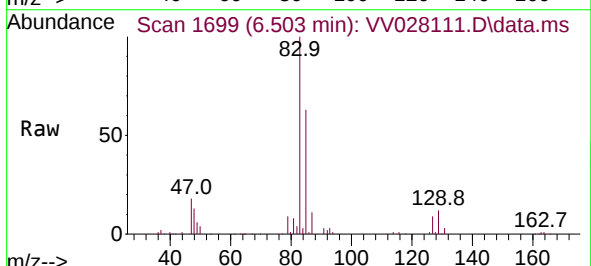
Tgt Ion: 83 Resp: 91120

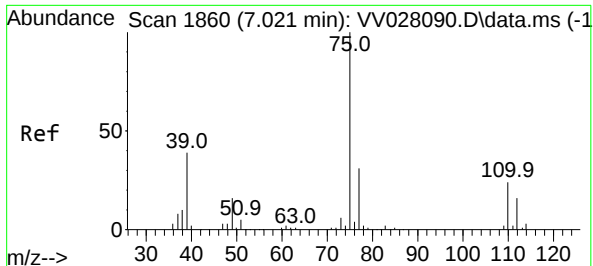
Ion Ratio Lower Upper

83 100

85 62.9 43.8 81.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.633 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

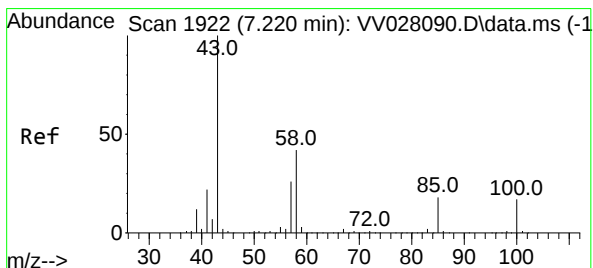
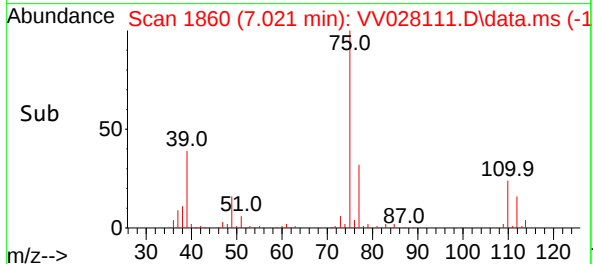
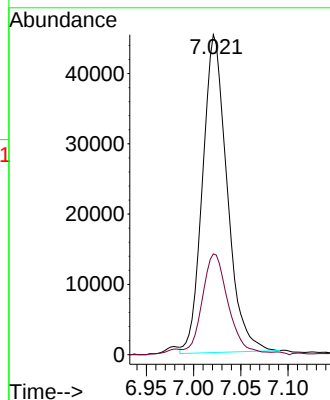
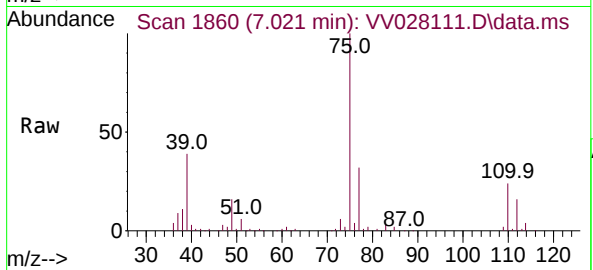
ClientSampleId :

Tgt Ion: 75 Resp: 81796

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 52.651 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

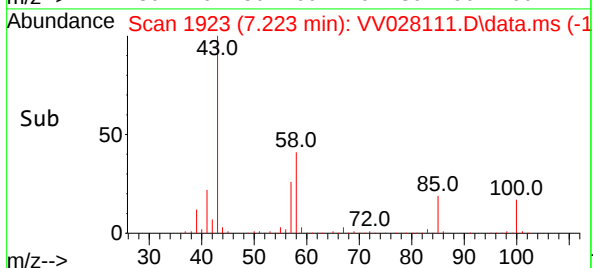
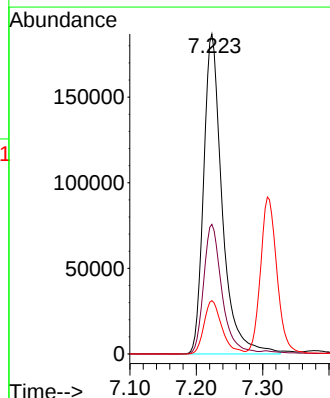
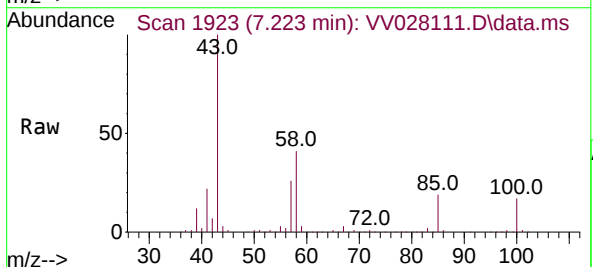
Tgt Ion: 43 Resp: 363450

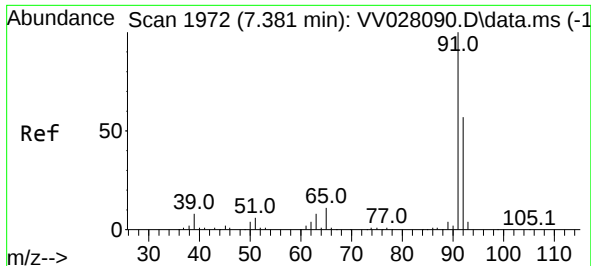
Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.4

100 16.2 12.7 19.1

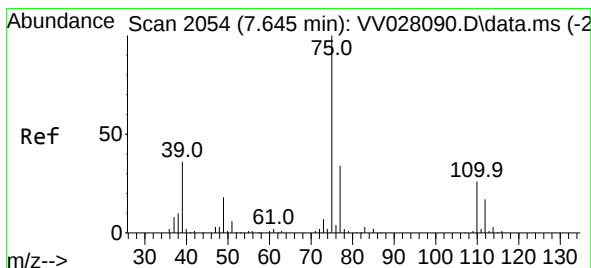
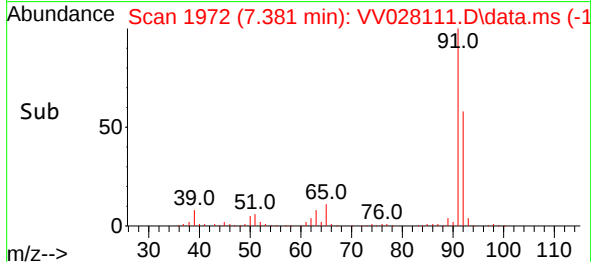
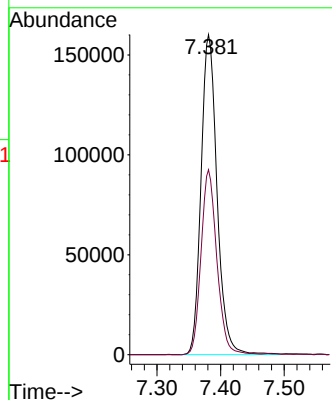
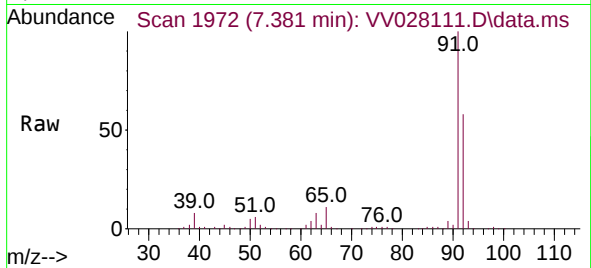




#42
Toluene
Concen: 5.295 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

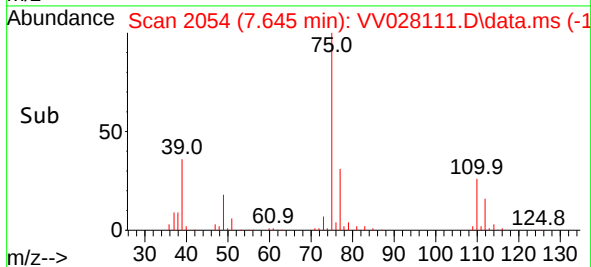
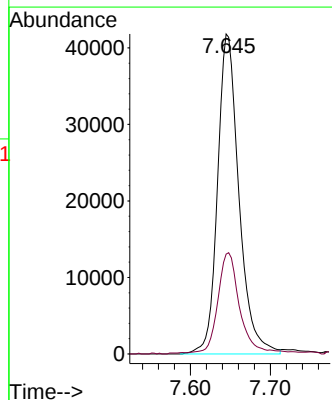
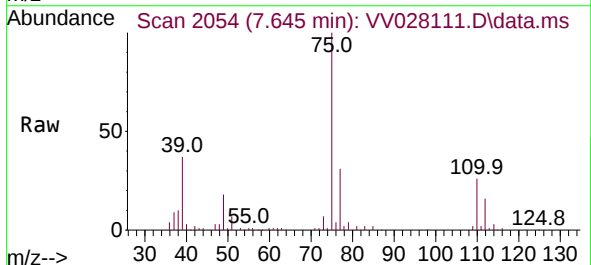
Instrument :
MSVOA_V
ClientSampleId :

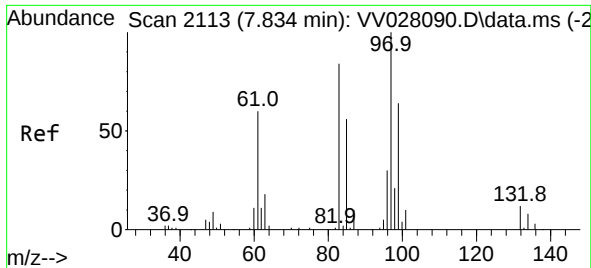
Tgt Ion: 91 Resp: 280070
Ion Ratio Lower Upper
91 100
92 57.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.113 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 75 Resp: 77645
Ion Ratio Lower Upper
75 100
77 31.2 23.9 44.3

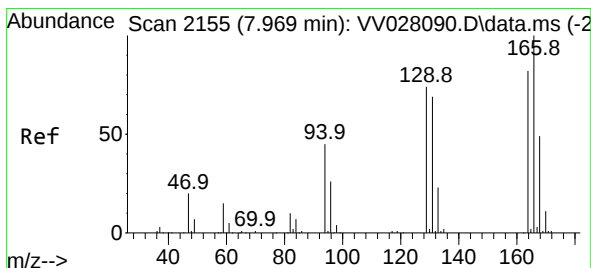
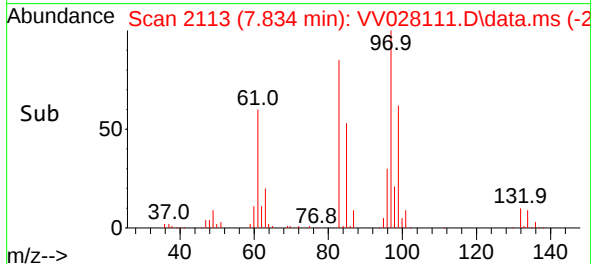
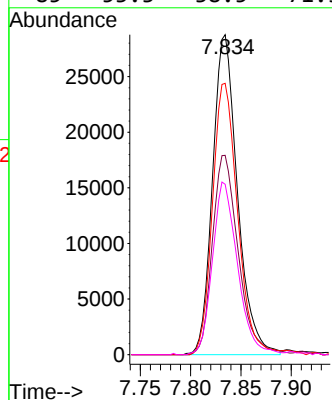
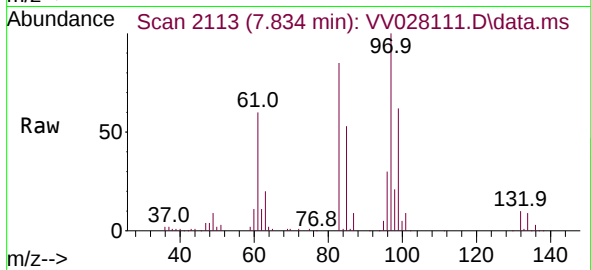




#45
1,1,2-Trichloroethane
Concen: 5.209 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

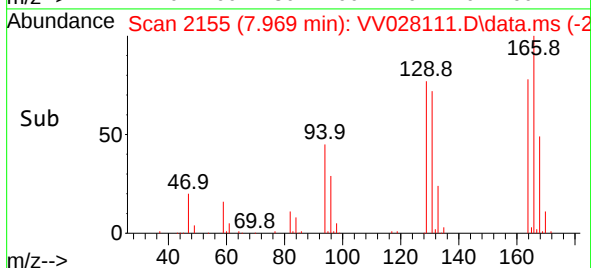
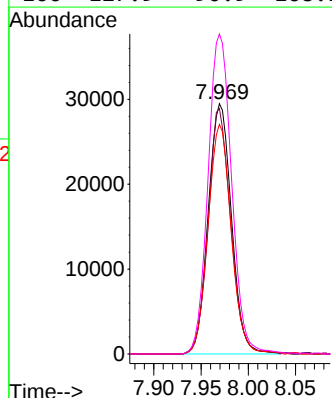
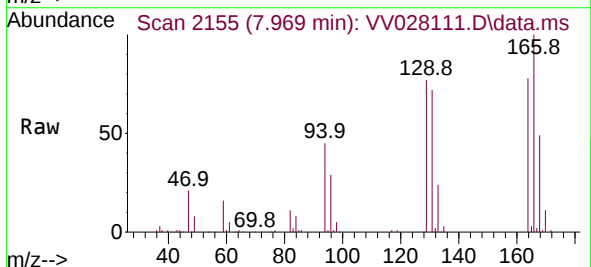
Instrument :
MSVOA_V
ClientSampleId :

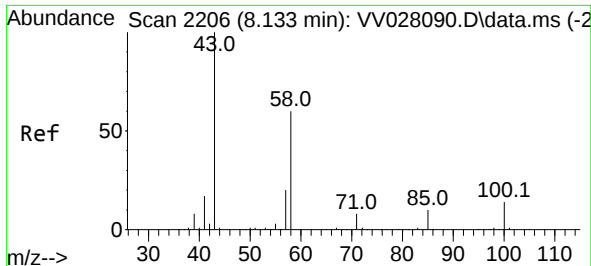
Tgt Ion:	97	Resp:	49631
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.2	80.2
83	84.8	59.1	109.9
85	53.3	38.5	71.5



#47
Tetrachloroethene
Concen: 5.012 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

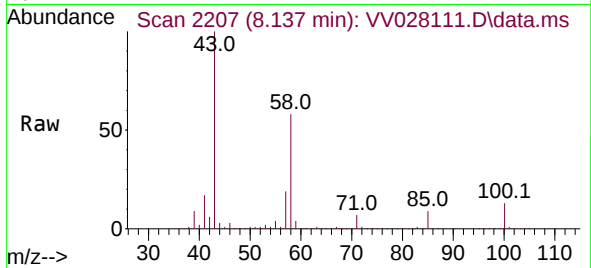
Tgt Ion:	164	Resp:	50500
Ion	Ratio	Lower	Upper
164	100		
129	98.1	66.7	123.9
131	91.8	61.7	114.5
166	127.9	90.9	168.9





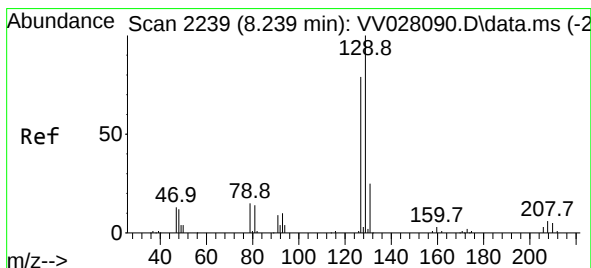
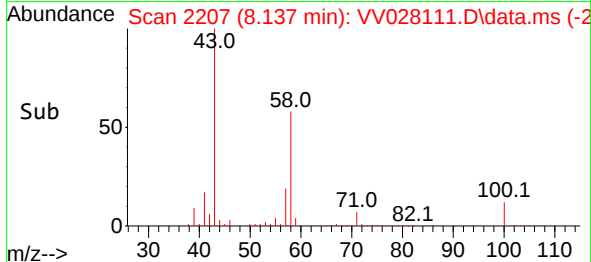
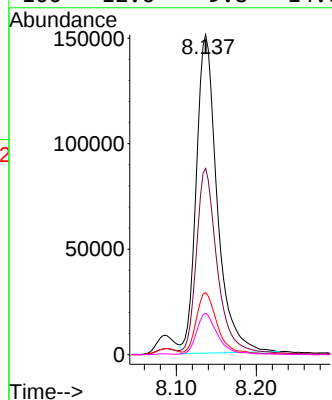
#48
2-Hexanone
Concen: 52.520 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 275222

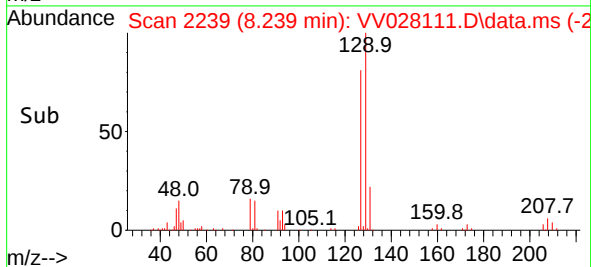
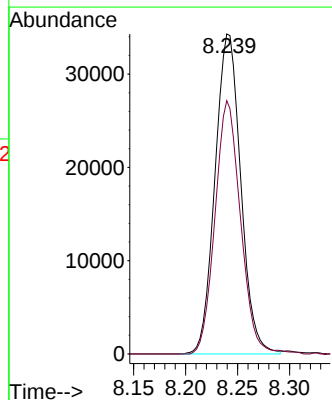
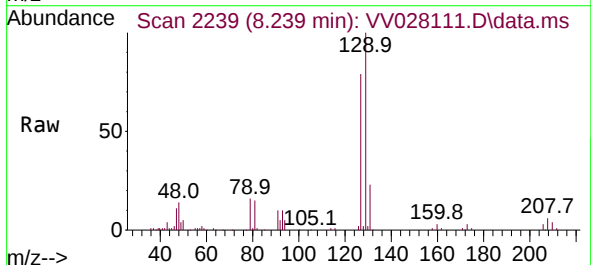
Ion	Ratio	Lower	Upper
43	100		
58	58.8	45.7	68.5
57	19.3	15.5	23.3
100	12.6	9.8	14.6

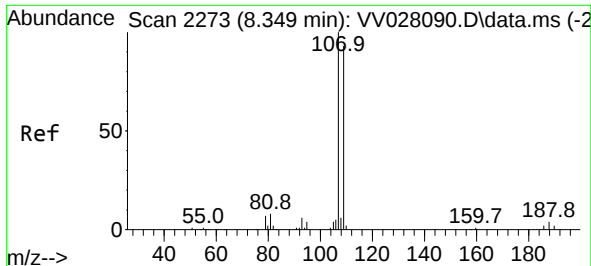


#49
Dibromochloromethane
Concen: 5.164 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 129 Resp: 59167

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.179 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

ClientSampleId :

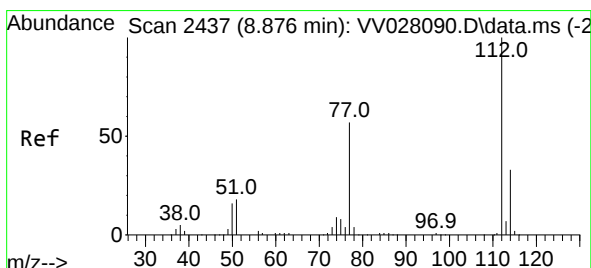
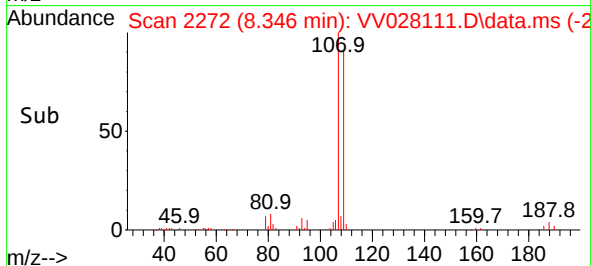
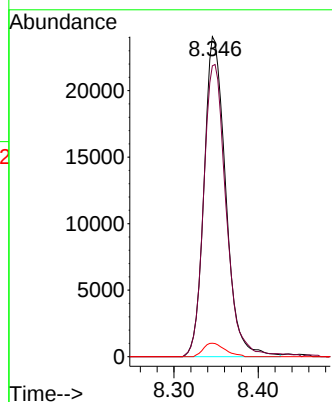
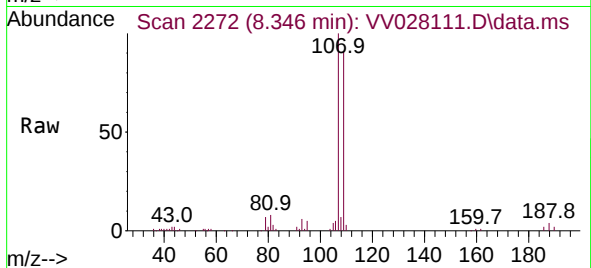
Tgt Ion:107 Resp: 42885

Ion Ratio Lower Upper

107 100

109 90.9 65.9 122.5

188 4.2 3.4 5.0



#51

Chlorobenzene

Concen: 5.116 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

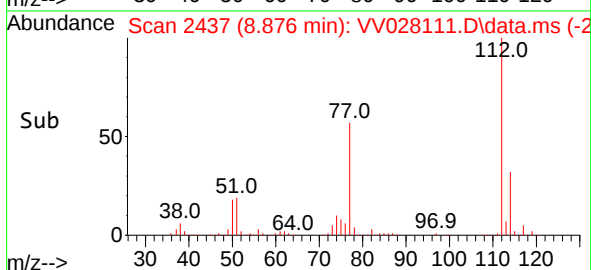
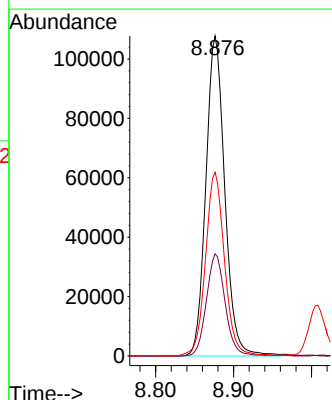
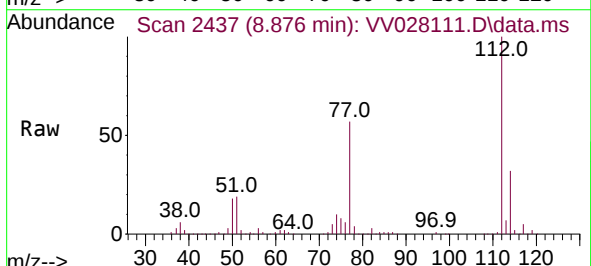
Tgt Ion:112 Resp: 181486

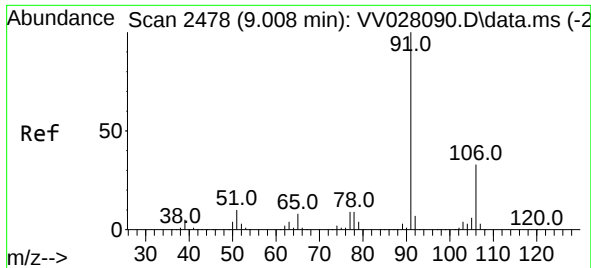
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 57.4 46.1 69.1

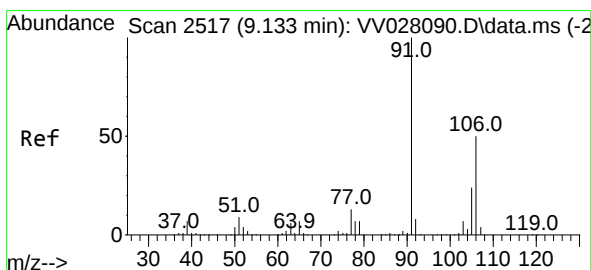
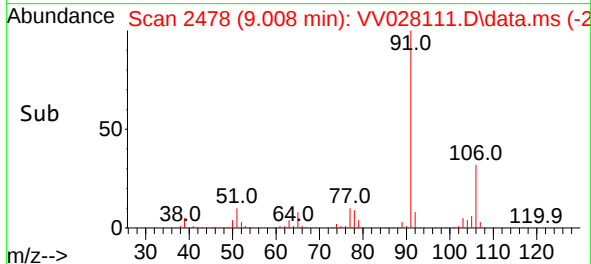
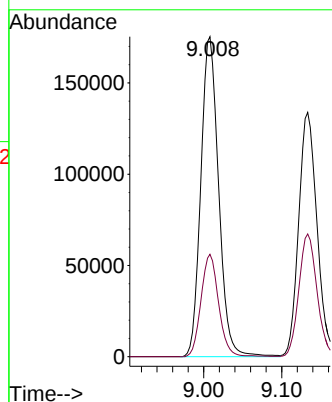
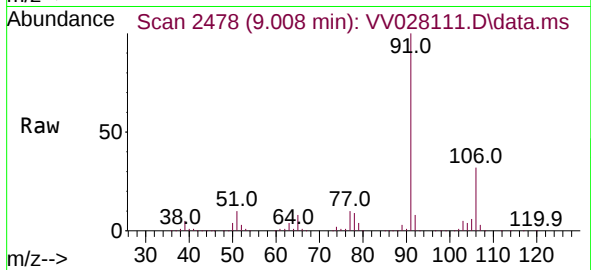




#52
Ethylbenzene
Concen: 4.978 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

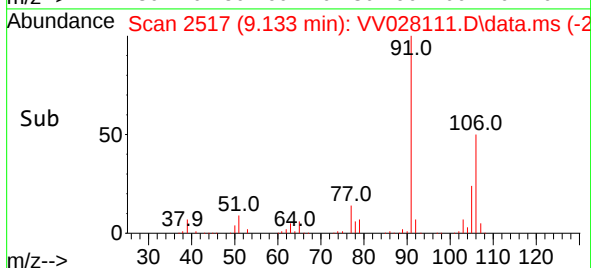
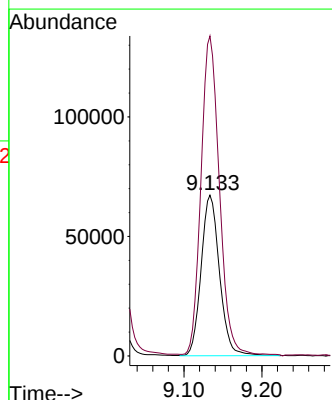
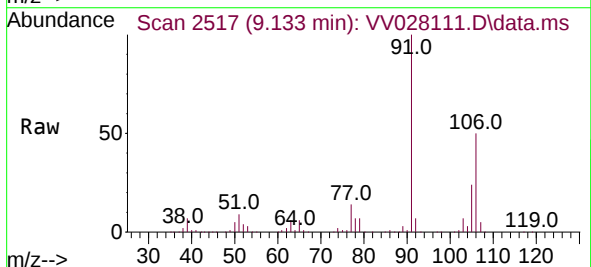
Instrument :
MSVOA_V
ClientSampleId :

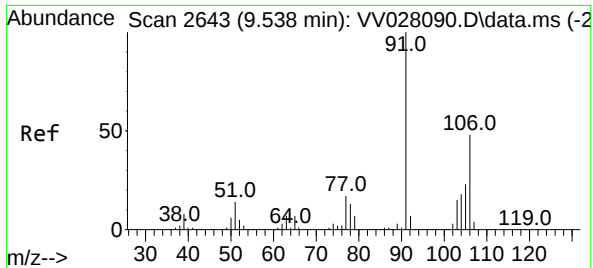
Tgt Ion: 91 Resp: 278536
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.119 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 106 Resp: 109773
Ion Ratio Lower Upper
106 100
91 199.1 141.9 263.5

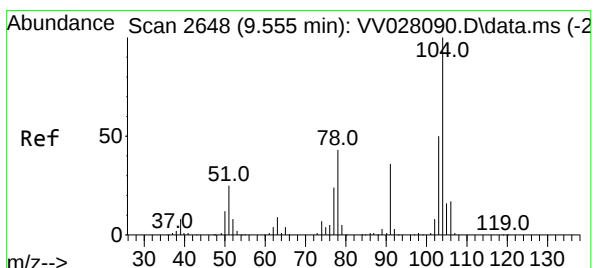
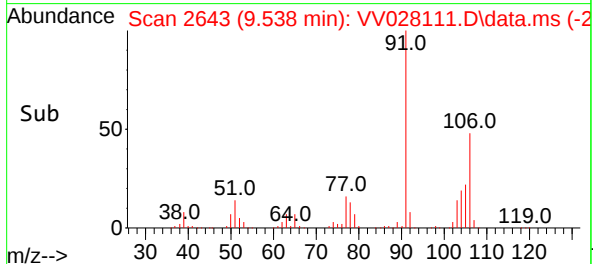
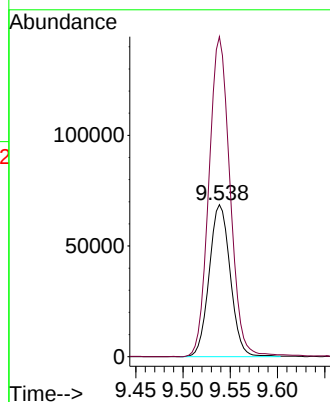
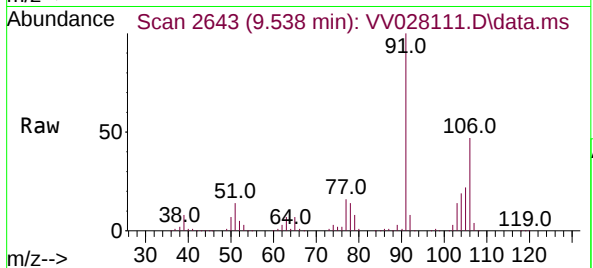




#54
o-Xylene
Concen: 5.029 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

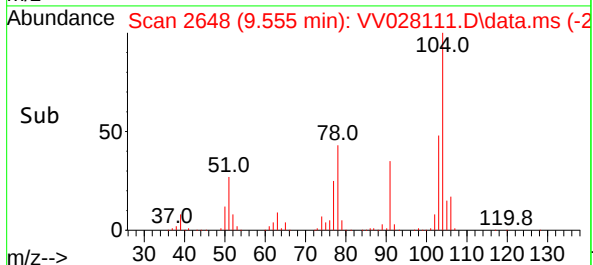
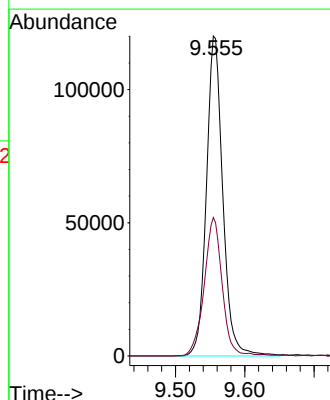
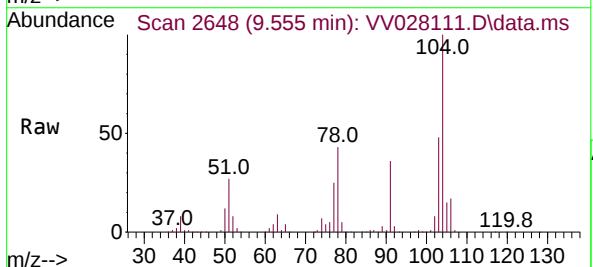
Instrument :
MSVOA_V
ClientSampleId :

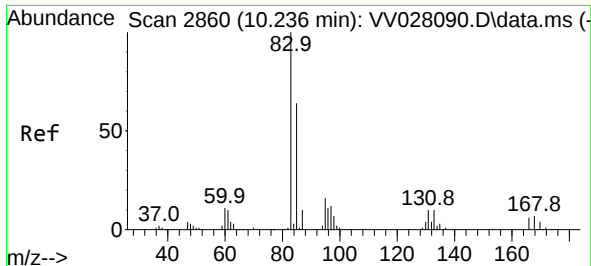
Tgt Ion:106 Resp: 106487
Ion Ratio Lower Upper
106 100
91 210.6 148.1 275.0



#55
Styrene
Concen: 5.364 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion:104 Resp: 196843
Ion Ratio Lower Upper
104 100
78 43.2 31.0 57.6

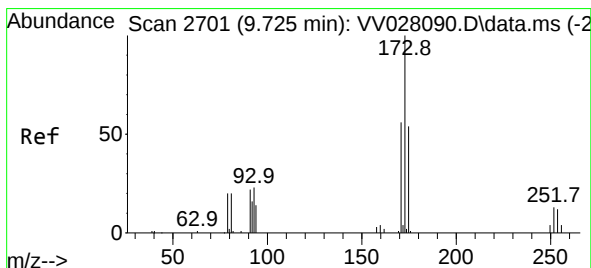
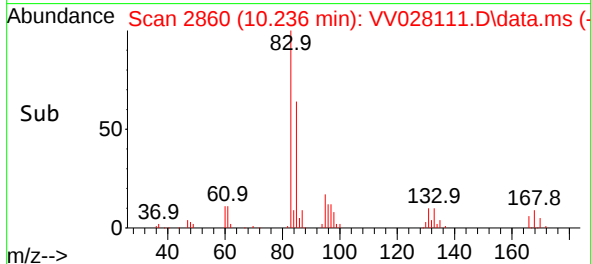
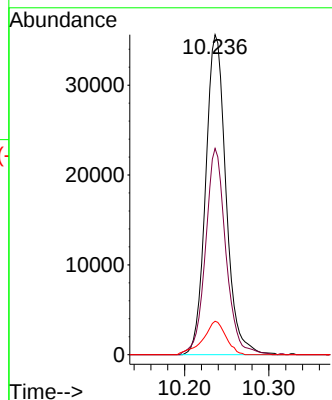
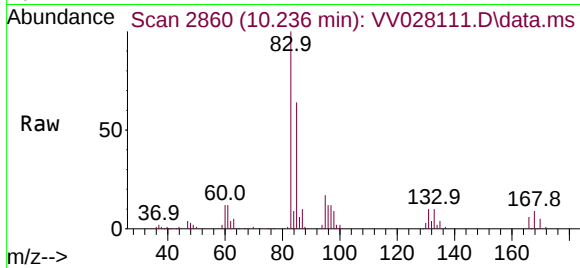




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.382 ug/L
 RT: 10.236 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

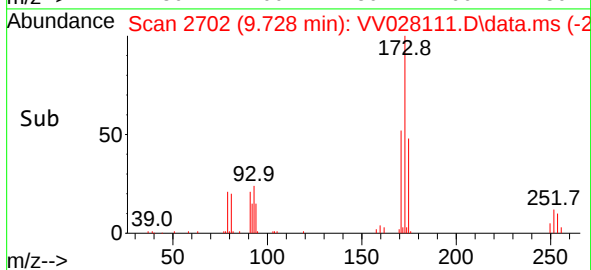
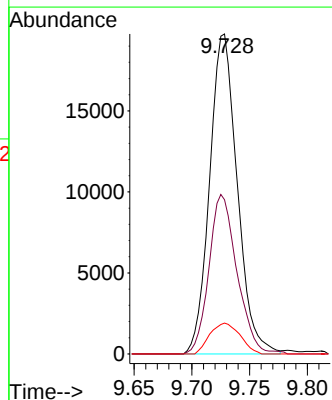
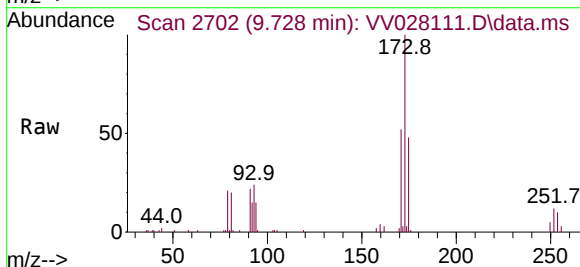
Instrument :
 MSVOA_V
 ClientSampleId :

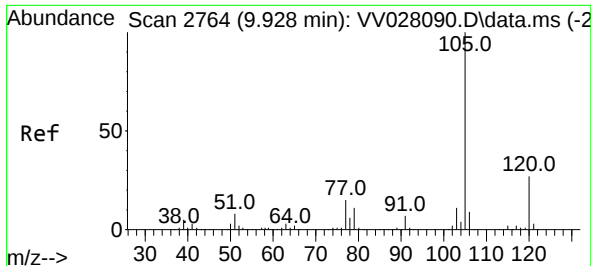
Tgt Ion: 83 Resp: 59756
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.2 84.0
 131 10.4 7.8 11.8



#59
 Bromoform
 Concen: 5.072 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.003 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion: 173 Resp: 32872
 Ion Ratio Lower Upper
 173 100
 175 50.5 39.0 58.4
 254 10.6 8.7 13.1

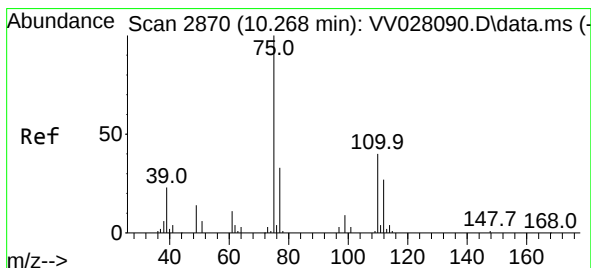
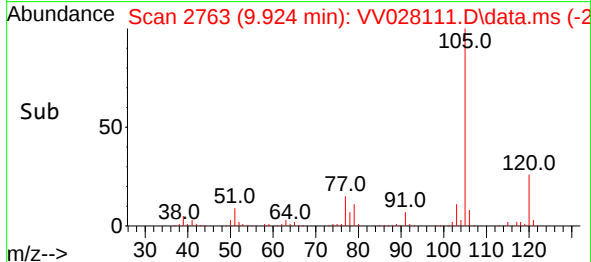
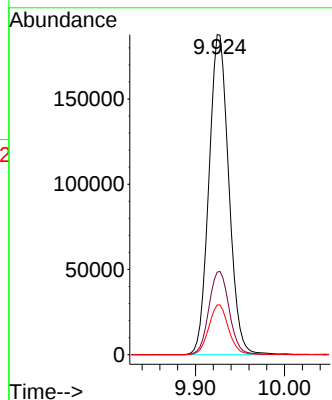
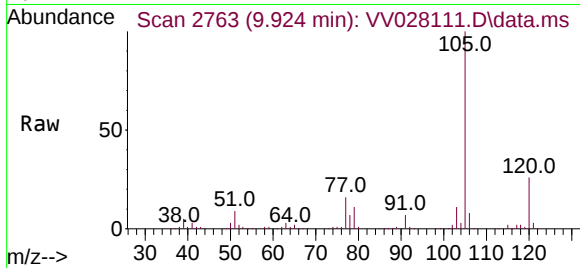




#60
Isopropylbenzene
Concen: 4.845 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

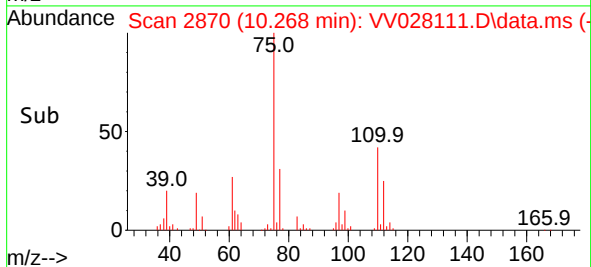
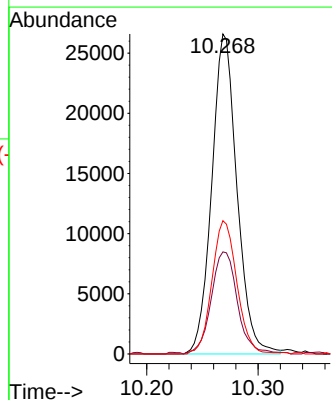
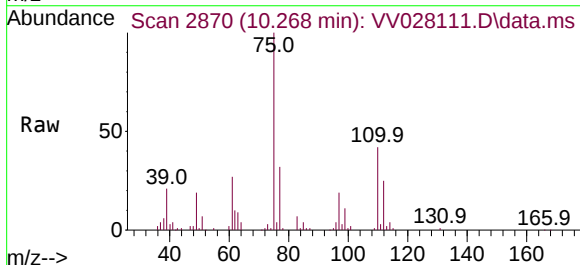
Instrument :
MSVOA_V
ClientSampleId :

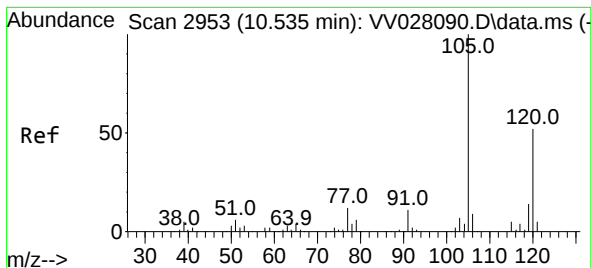
Tgt Ion:105 Resp: 290297
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.889 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 75 Resp: 41857
Ion Ratio Lower Upper
75 100
77 33.2 26.7 40.1
110 41.3 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.517 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028111.D

Acq: 26 Sep 2022 10:29

Instrument :

MSVOA_V

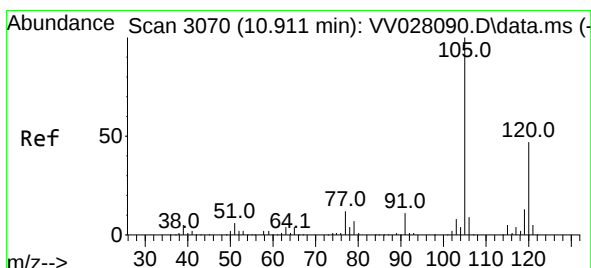
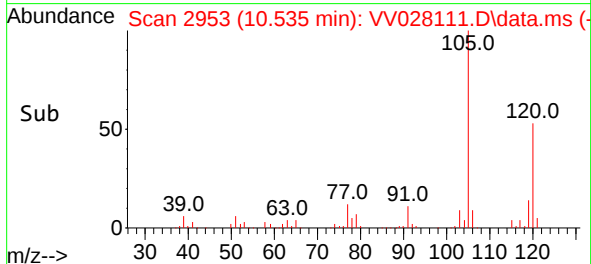
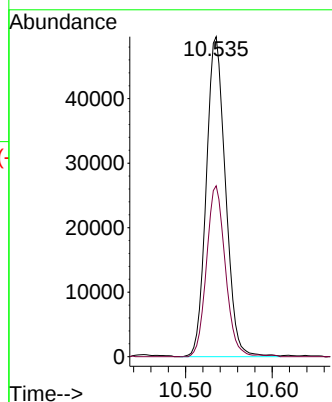
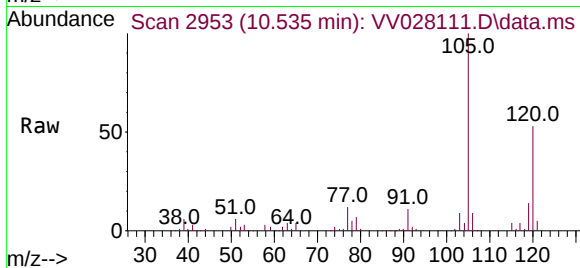
ClientSampleId :

Tgt Ion:105 Resp: 76233

Ion Ratio Lower Upper

105 100

120 52.4 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.661 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028111.D

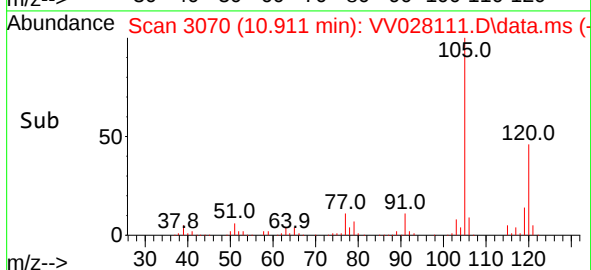
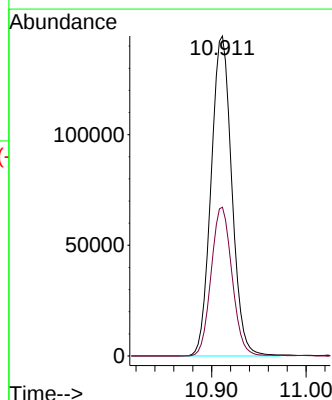
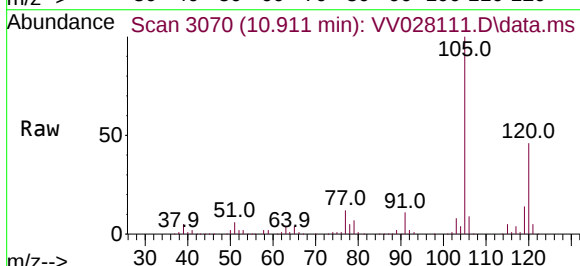
Acq: 26 Sep 2022 10:29

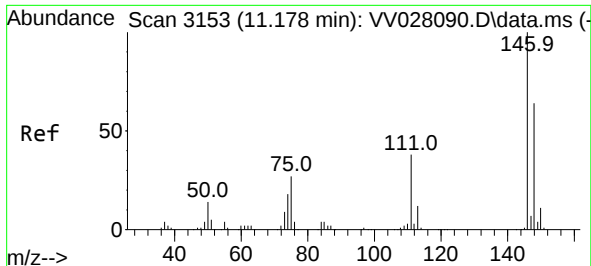
Tgt Ion:105 Resp: 219909

Ion Ratio Lower Upper

105 100

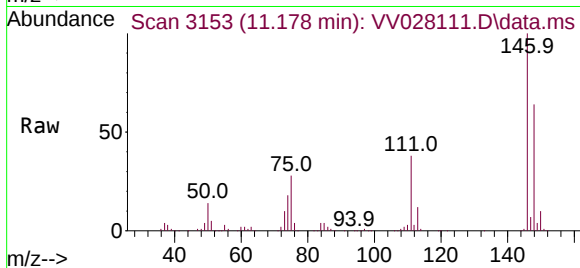
120 47.0 37.8 56.8



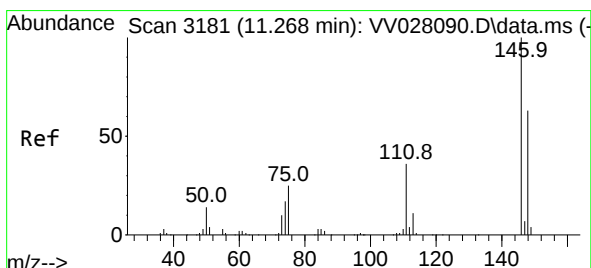
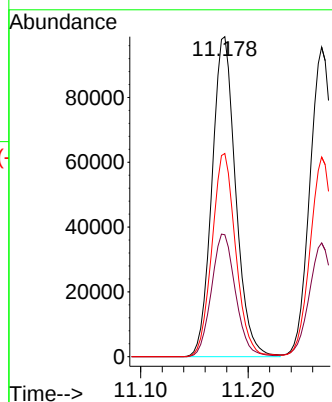
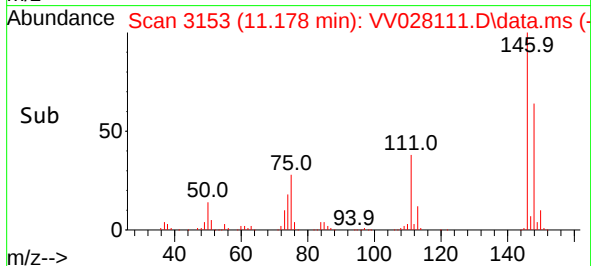


#64
1,3-Dichlorobenzene
Concen: 5.077 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

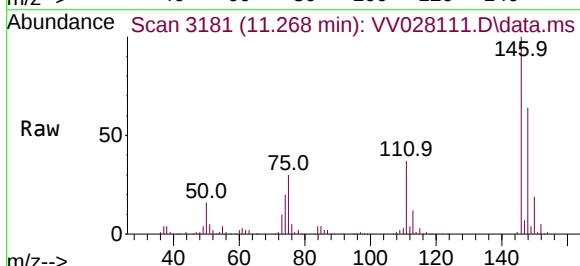
Instrument :
MSVOA_V
ClientSampleId :



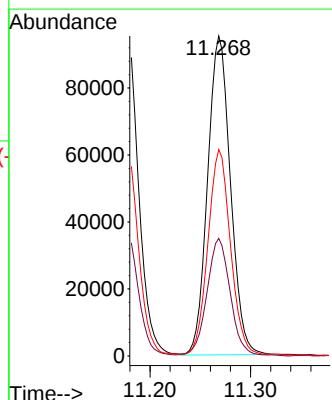
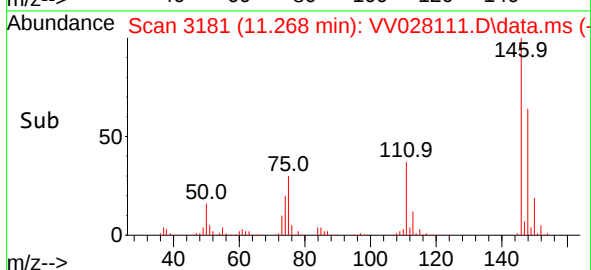
Tgt Ion:146 Resp: 151373
Ion Ratio Lower Upper
146 100
111 38.1 27.1 50.3
148 63.5 45.7 84.9

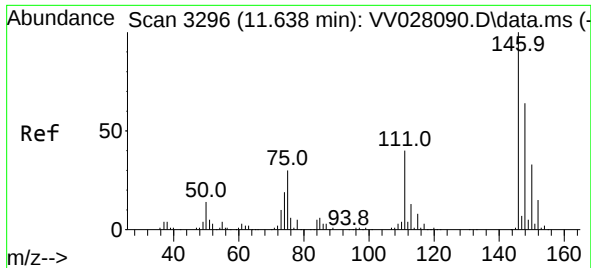


#65
1,4-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29



Tgt Ion:146 Resp: 150256
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.8
148 64.5 45.8 85.2

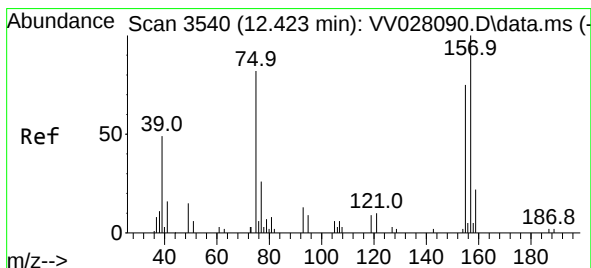
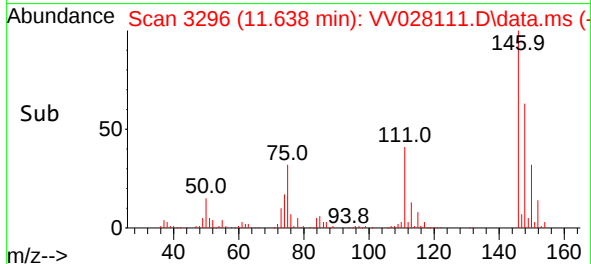
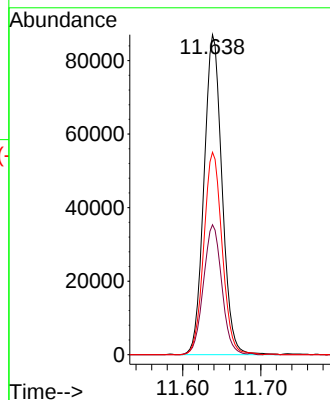
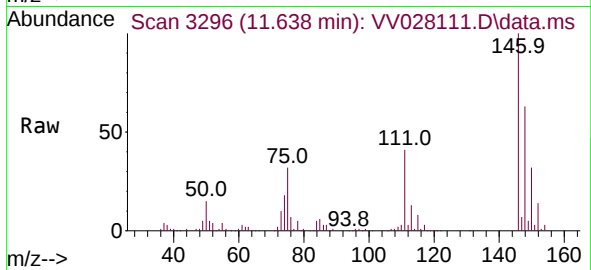




#67
1,2-Dichlorobenzene
Concen: 4.962 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

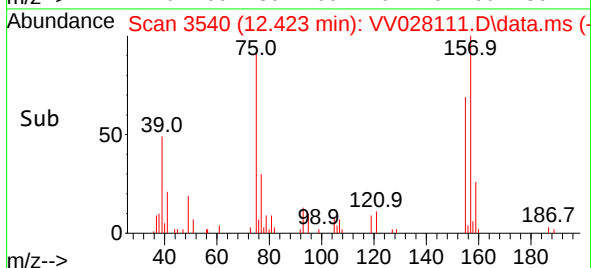
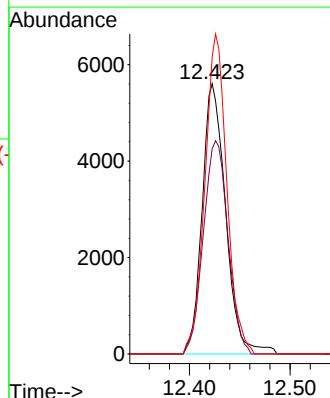
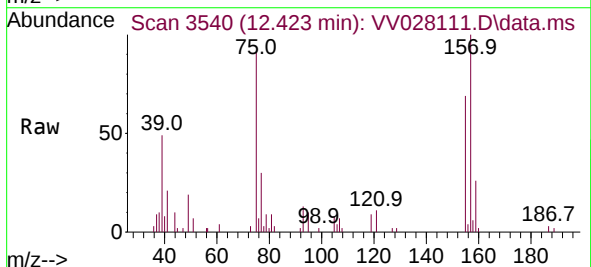
Instrument :
MSVOA_V
ClientSampleId :

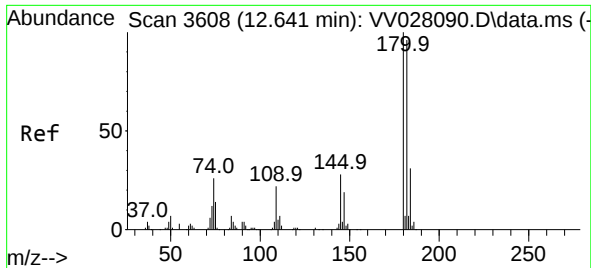
Tgt Ion:146 Resp: 139743
Ion Ratio Lower Upper
146 100
111 40.6 32.6 49.0
148 63.2 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.844 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion: 75 Resp: 9090
Ion Ratio Lower Upper
75 100
155 76.0 73.6 110.4
157 110.0 90.7 136.1

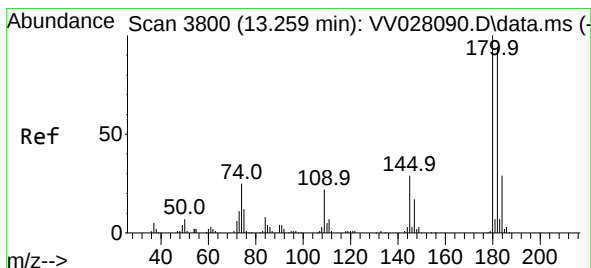
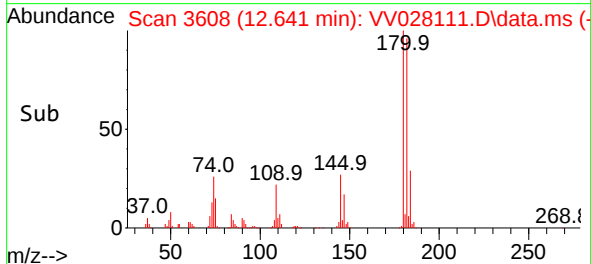
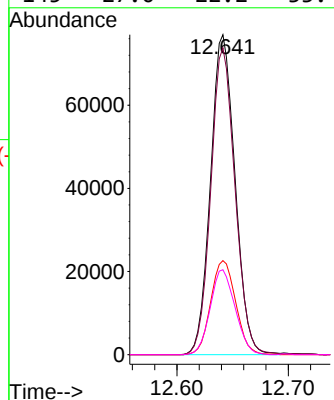
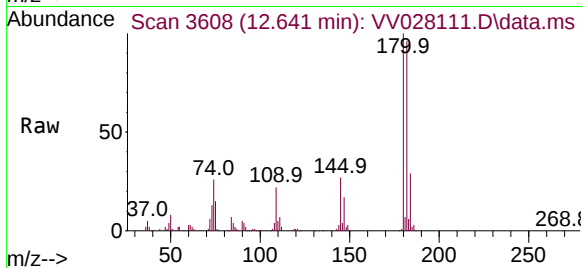




#69
 1,3,5-Trichlorobenzene
 Concen: 4.989 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

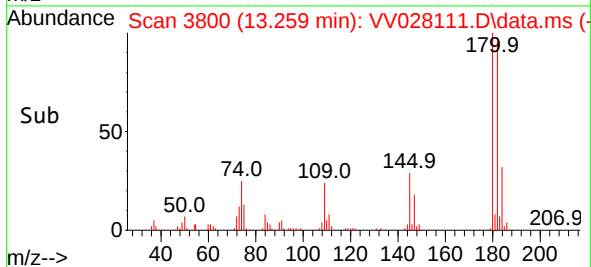
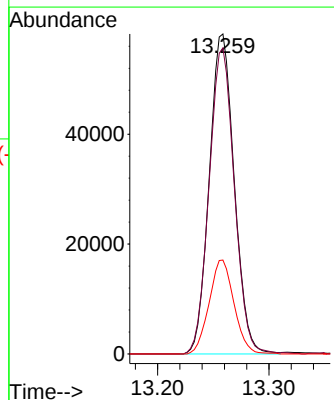
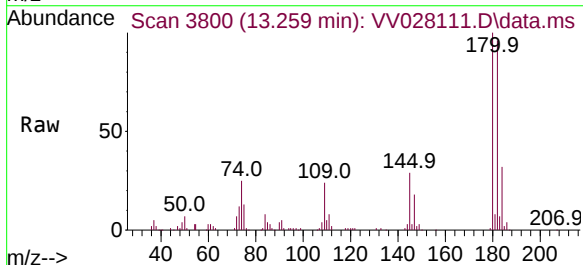
Instrument :
 MSVOA_V
 ClientSampleId :

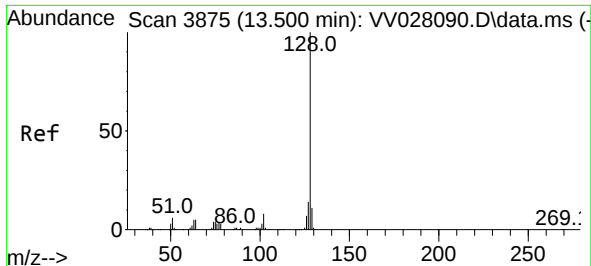
Tgt Ion:180	Resp:	117737
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.5 113.3
184	30.0	23.7 35.5
145	27.0	22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.804 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV028111.D
 Acq: 26 Sep 2022 10:29

Tgt Ion:180	Resp:	90664
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.3 114.5
145	29.3	22.9 34.3

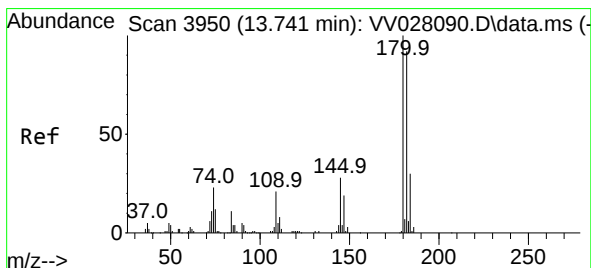
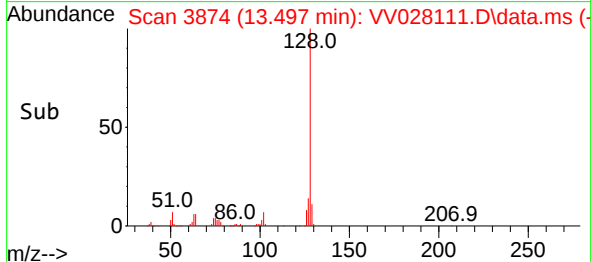
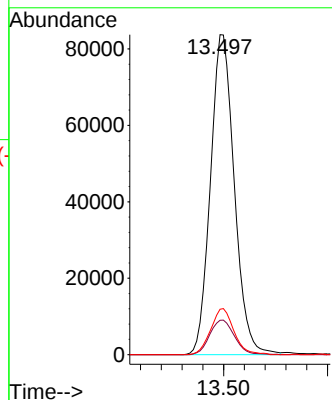
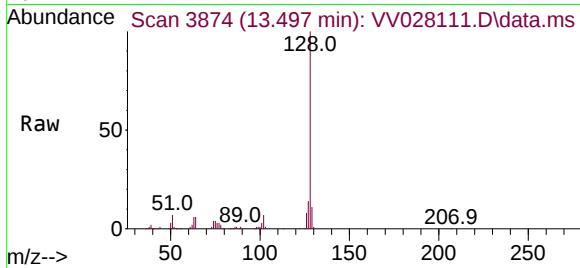




#71
Naphthalene
Concen: 4.320 ug/L
RT: 13.497 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 133513
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.2
127 14.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.801 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028111.D
Acq: 26 Sep 2022 10:29

Tgt Ion:180 Resp: 81960
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.0
145 30.1 24.6 36.8

