

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028065.D
 Acq On : 22 Sep 2022 16:56
 Operator : SY/MD
 Sample : VSTD00548
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 03:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	176997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	103011	6.772	ug/L	0.00
7) Chloroethane-d5	1.561	69	81479	6.243	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	166425	6.618	ug/L	0.00
20) 2-Butanone-d5	3.883	46	186283	74.618	ug/L	0.00
24) Chloroform-d	4.343	84	166695	6.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	80281	7.408	ug/L	0.00
32) Benzene-d6	5.044	84	322170	6.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	98475	6.524	ug/L	0.00
41) Toluene-d8	7.310	98	300733	7.172	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	36814	7.197	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	155186	70.683	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	68989	5.795	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	100678	6.440	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	73003	5.496	ug/L	100
3) Chloromethane	1.237	50	70640	4.560	ug/L	100
5) Vinyl chloride	1.304	62	75127	4.889	ug/L	100
6) Bromomethane	1.516	94	48286	4.645	ug/L	100
8) Chloroethane	1.577	64	49807	4.825	ug/L	100
9) Trichlorofluoromethane	1.745	101	118765	5.119	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	66793	4.674	ug/L	100
12) 1,1-Dichloroethene	2.111	96	58595	4.621	ug/L	100
13) Acetone	2.172	43	106425	56.021	ug/L	100
14) Carbon disulfide	2.285	76	126663	4.961	ug/L	100
15) Methyl Acetate	2.433	43	27556	6.708	ug/L	100
16) Methylene chloride	2.500	84	72376	5.146	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	145582	6.074	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	59295	5.019	ug/L	100
19) 1,1-Dichloroethane	3.182	63	130747	5.667	ug/L	100
21) 2-Butanone	3.966	43	161563	69.592	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	70700	5.298	ug/L	100
23) Bromochloromethane	4.243	128	30072	5.039	ug/L	100
25) Chloroform	4.368	83	137841	5.434	ug/L	100
27) 1,2-Dichloroethane	5.124	62	78107	6.348	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	115486	5.712	ug/L	100
30) Cyclohexane	4.671	56	85538	5.837	ug/L	100
31) Carbon tetrachloride	4.818	117	97050	5.445	ug/L	100
33) Benzene	5.092	78	273422	5.584	ug/L	100
34) Trichloroethene	5.908	95	65710	5.395	ug/L	100
35) Methylcyclohexane	6.124	83	91251	5.303	ug/L	100
37) 1,2-Dichloropropane	6.169	63	75841	5.739	ug/L	100
38) Bromodichloromethane	6.506	83	93547	5.503	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	86704	5.236	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	397650	69.282	ug/L	100
42) Toluene	7.384	91	288421	5.547	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	82276	5.928	ug/L	100

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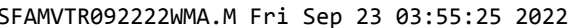
Quant Time: Sep 23 03:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
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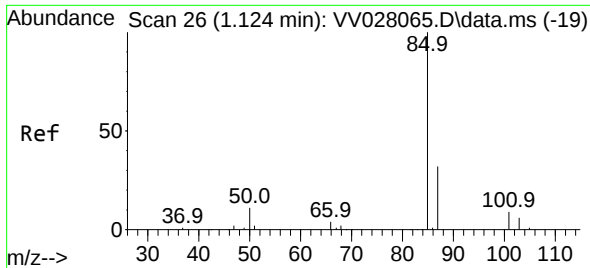
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	51138	5.366	ug/L	100
47) Tetrachloroethene	7.973	164	52058	4.905	ug/L	100
48) 2-Hexanone	8.137	43	293312	71.331	ug/L	100
49) Dibromochloromethane	8.243	129	60827	5.258	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43185	5.181	ug/L	100
51) Chlorobenzene	8.879	112	183833	5.108	ug/L	100
52) Ethylbenzene	9.008	91	291359	5.387	ug/L	100
53) m,p-Xylene	9.137	106	112165	5.372	ug/L	100
54) o-Xylene	9.539	106	110118	5.276	ug/L	100
55) Styrene	9.558	104	199317	5.495	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	61018	5.097	ug/L	100
59) Bromoform	9.728	173	31987	5.154	ug/L	100
60) Isopropylbenzene	9.928	105	304080	5.714	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	43243	6.029	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	80958	5.615	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	230675	5.525	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	149613	5.247	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	145433	5.085	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	137734	5.247	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	9067	5.640	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	114758	5.064	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	90524	5.029	ug/L	100
71) Naphthalene	13.500	128	141918	5.303	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	81915	5.109	ug/L	100

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

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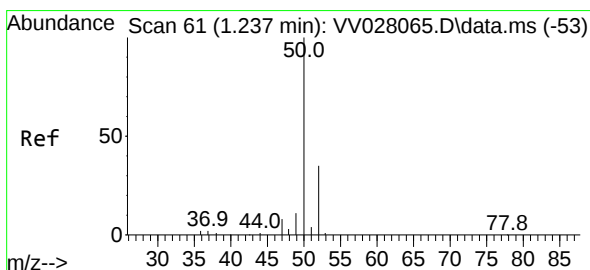
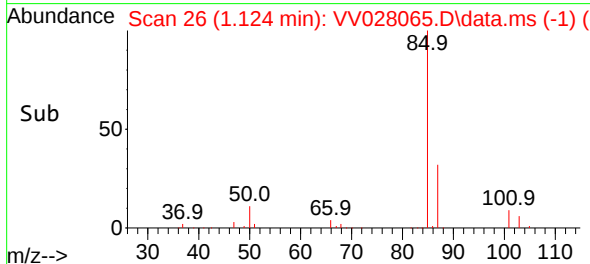
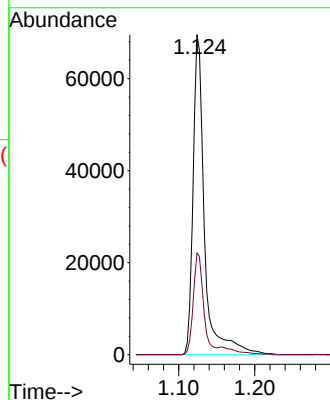
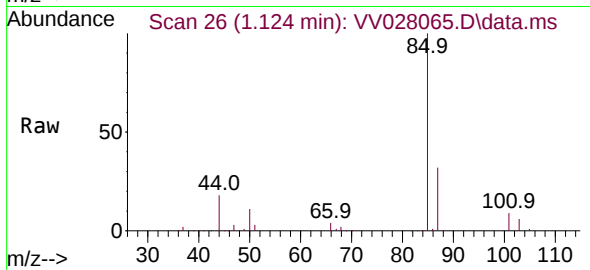




#2
 Dichlorodifluoromethane
 Concen: 5.496 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

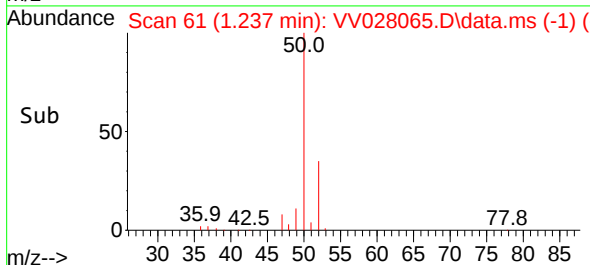
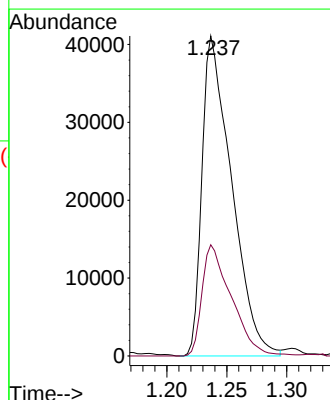
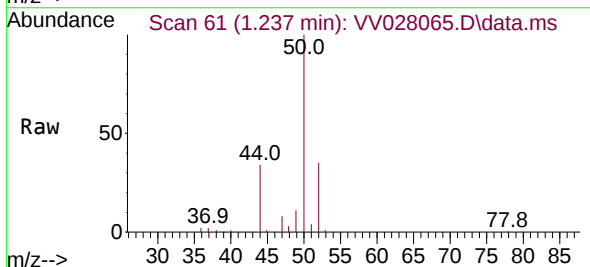
Instrument :
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 ClientSampleId :

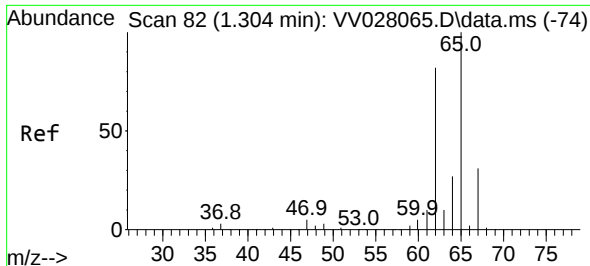
Tgt Ion: 85 Resp: 73003
 Ion Ratio Lower Upper
 85 100
 87 28.5 22.8 34.2



#3
 Chloromethane
 Concen: 4.560 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

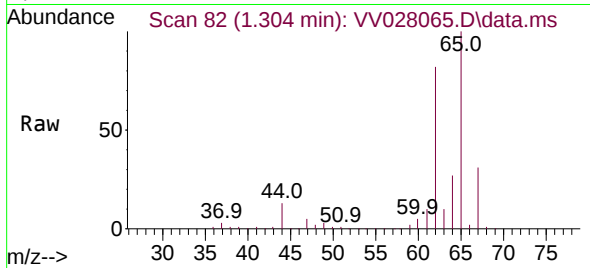
Tgt Ion: 50 Resp: 70640
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.4 45.2



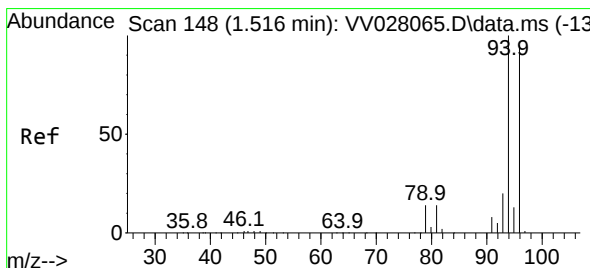
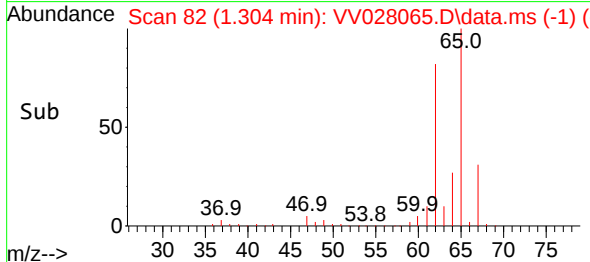
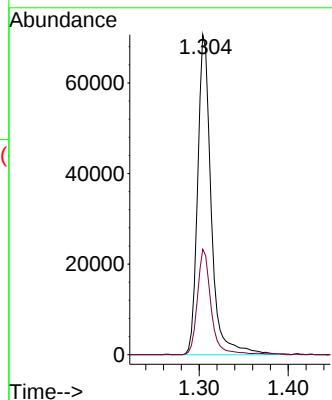


#5
 Vinyl chloride
 Concen: 4.889 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Instrument :
 MSVOA_V
 ClientSampleId :

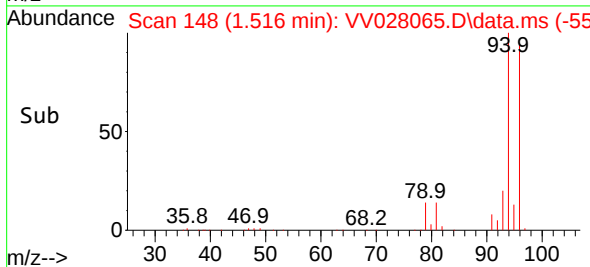
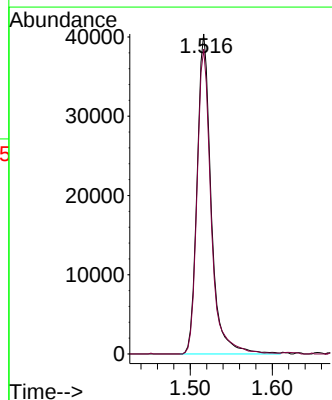
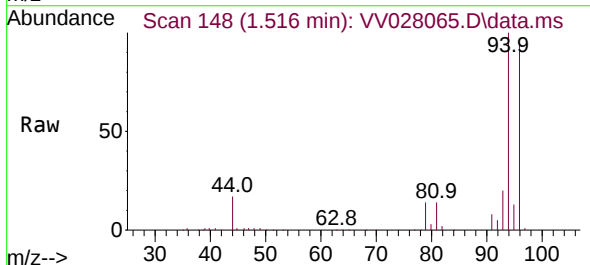


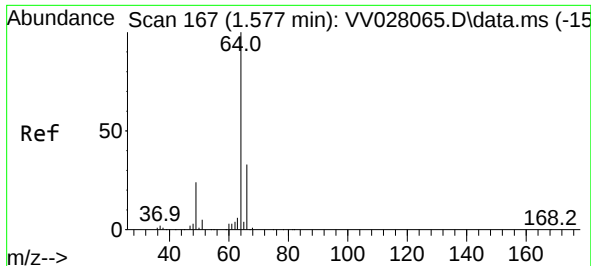
Tgt Ion: 62 Resp: 75127
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 4.645 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Tgt Ion: 94 Resp: 48286
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.7 123.9

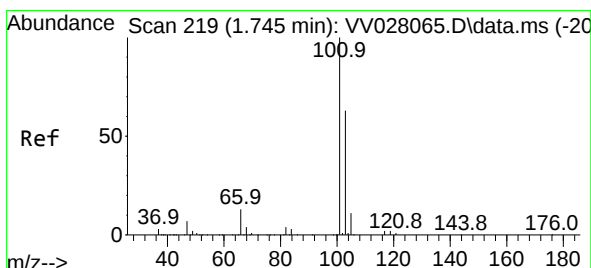
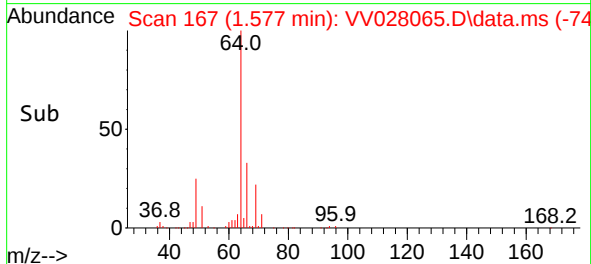
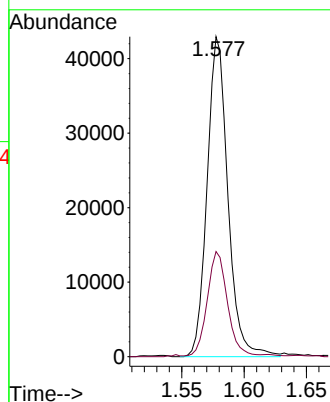
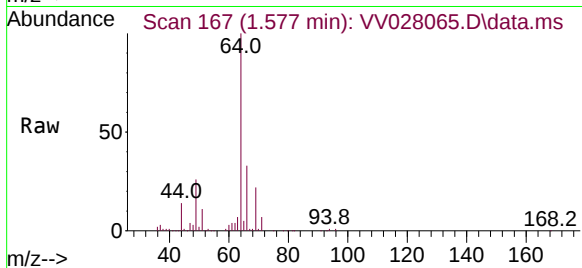




#8
Chloroethane
Concen: 4.825 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

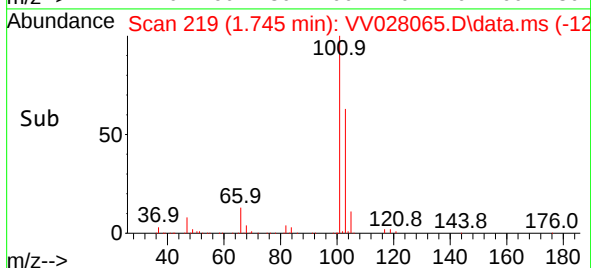
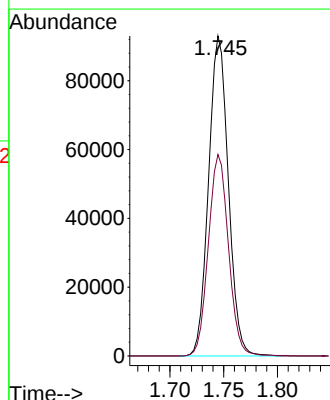
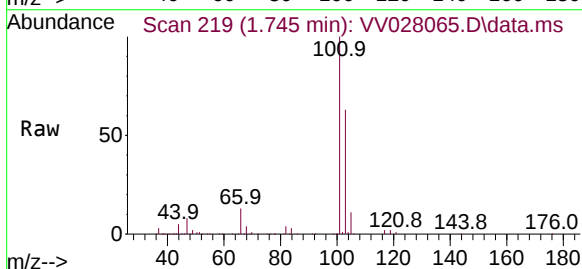
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ClientSampleId :

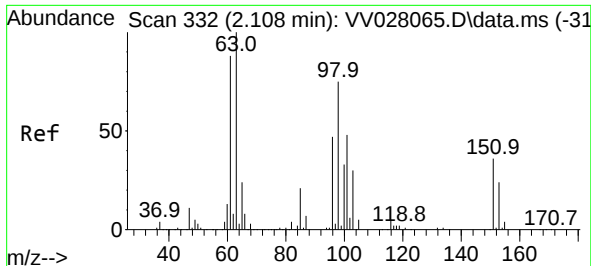
Tgt Ion: 64 Resp: 49807
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.119 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 101 Resp: 118765
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

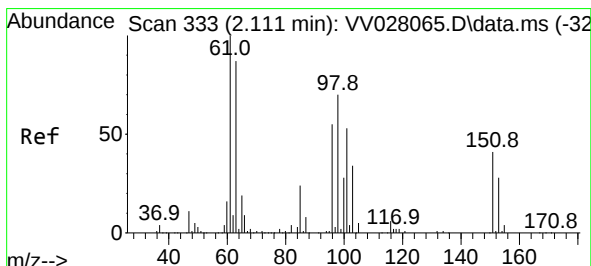
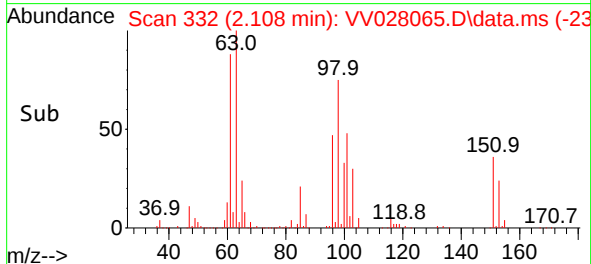
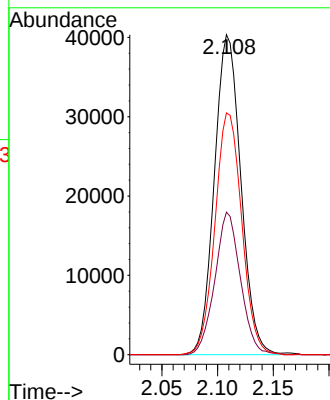
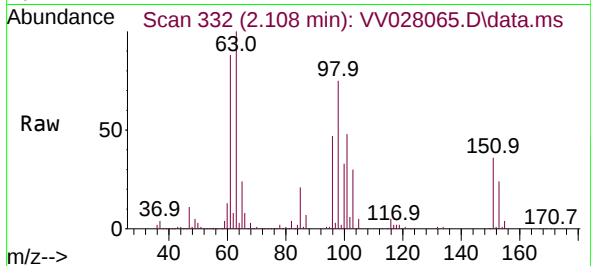




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.674 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

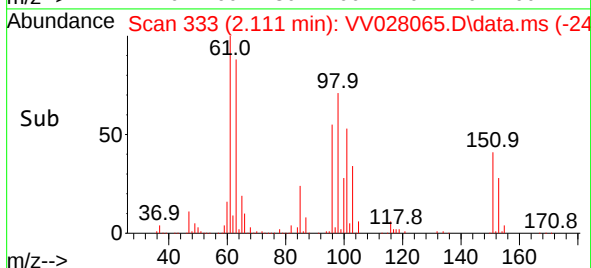
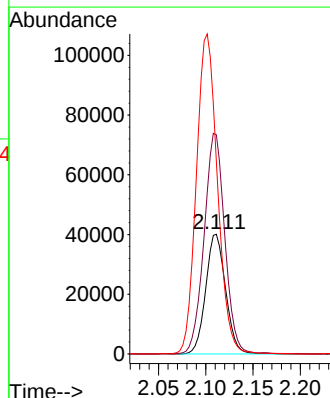
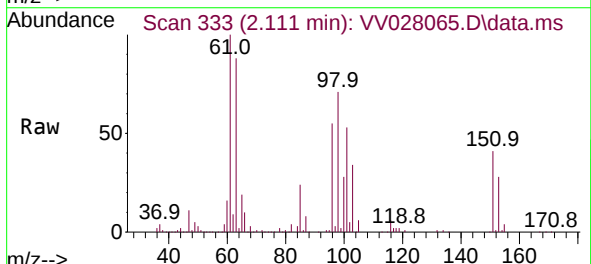
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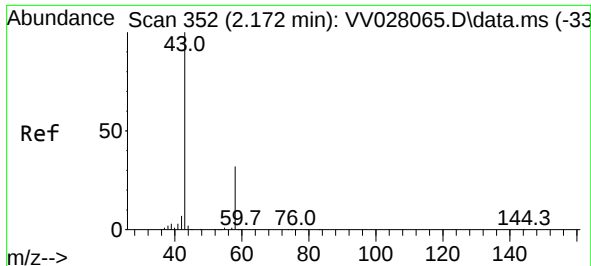
Tgt Ion:101 Resp: 66793
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 76.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.621 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Tgt Ion: 96 Resp: 58595
 Ion Ratio Lower Upper
 96 100
 61 183.3 128.3 238.3
 63 161.0 112.7 209.3





#13

Acetone

Concen: 56.021 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

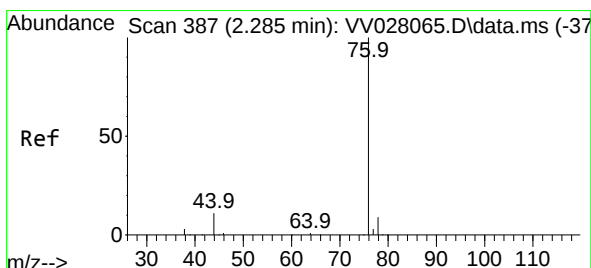
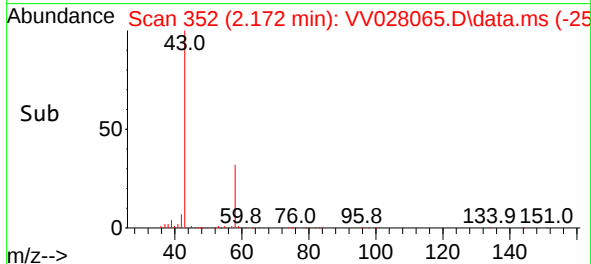
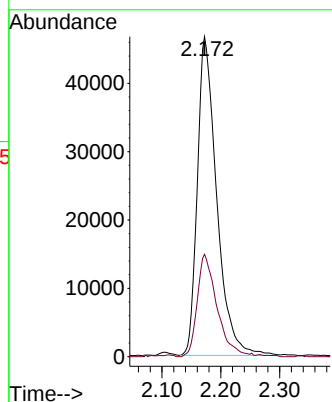
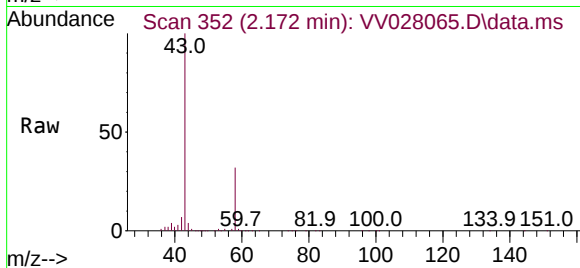
ClientSampleId :

Tgt Ion: 43 Resp: 106425

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.6



#14

Carbon disulfide

Concen: 4.961 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028065.D

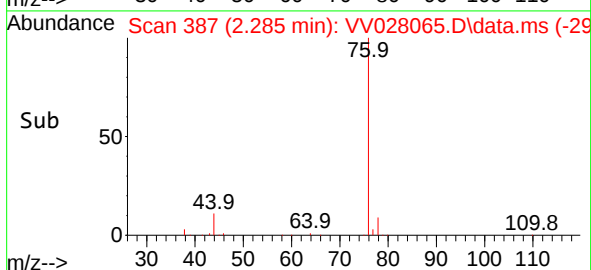
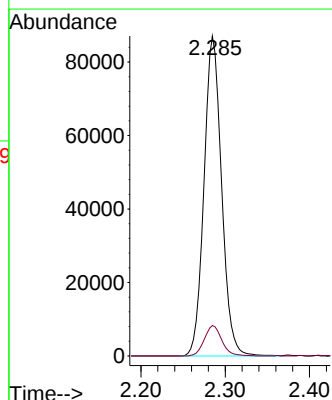
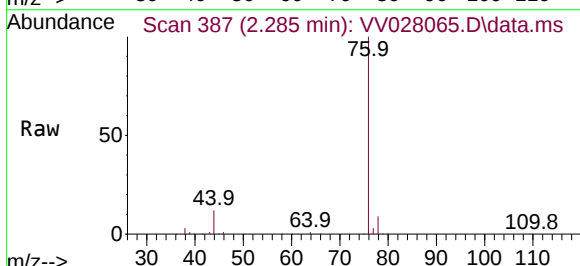
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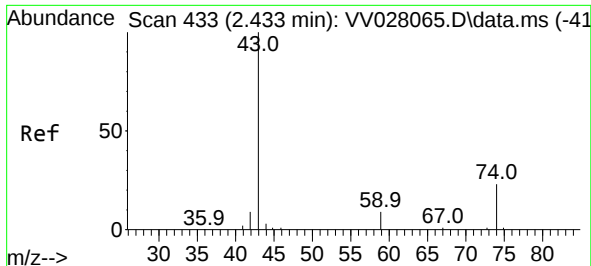
Tgt Ion: 76 Resp: 126663

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

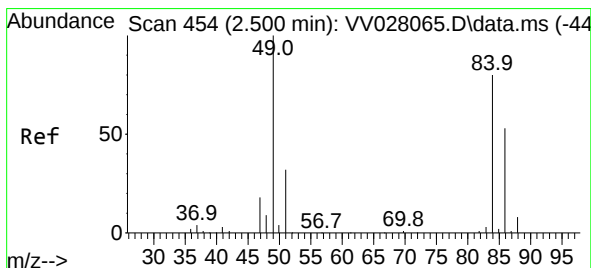
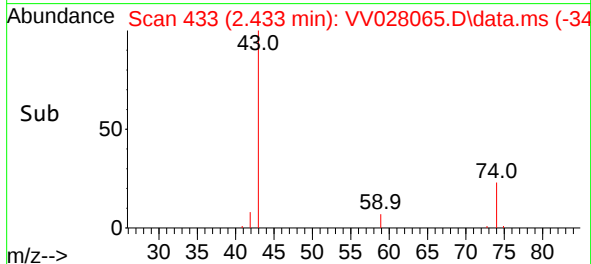
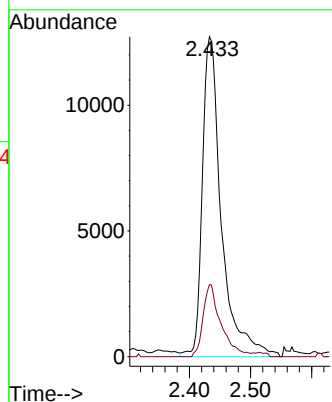
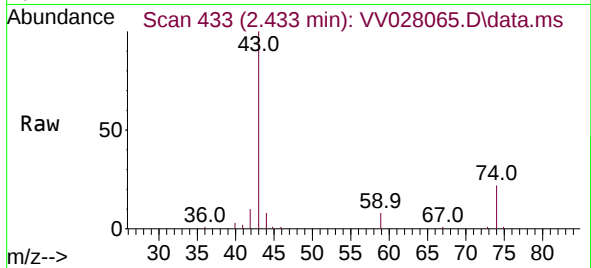




#15
Methyl Acetate
Concen: 6.708 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

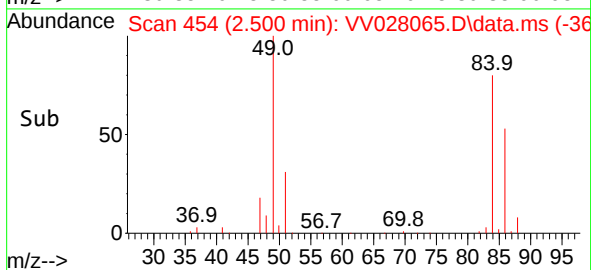
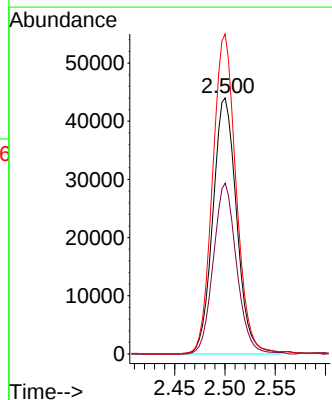
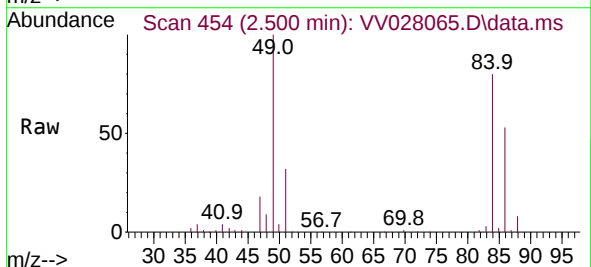
Instrument :
MSVOA_V
ClientSampleId :

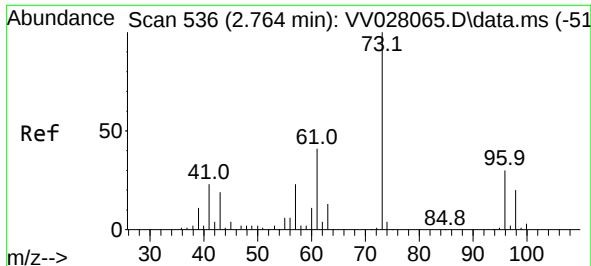
Tgt Ion: 43 Resp: 27556
Ion Ratio Lower Upper
43 100
74 21.1 16.9 25.3



#16
Methylene chloride
Concen: 5.146 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 84 Resp: 72376
Ion Ratio Lower Upper
84 100
86 66.8 46.8 86.8
49 125.0 87.5 162.5

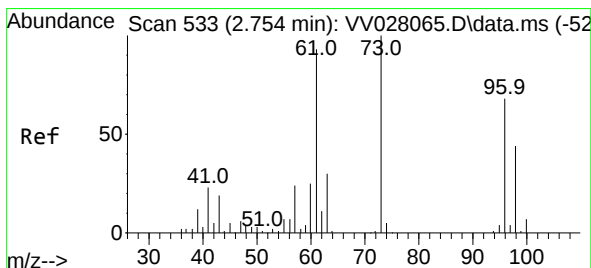
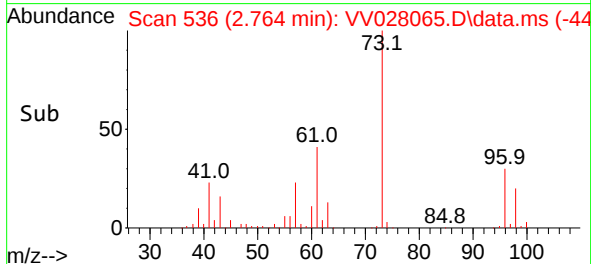
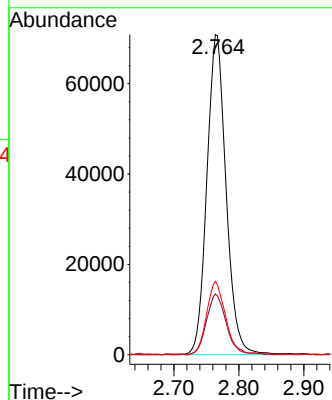
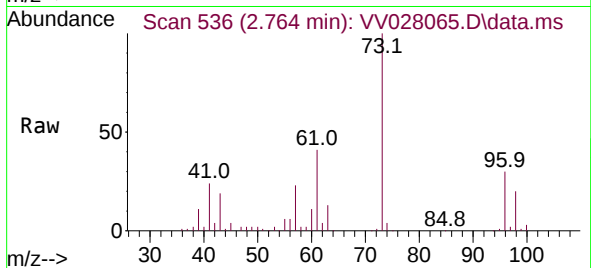




#17
Methyl tert-butyl Ether
Concen: 6.074 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

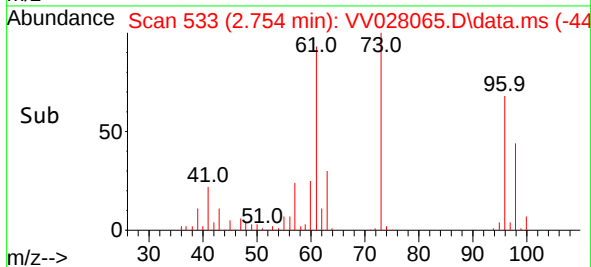
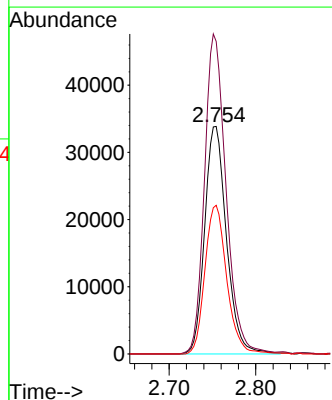
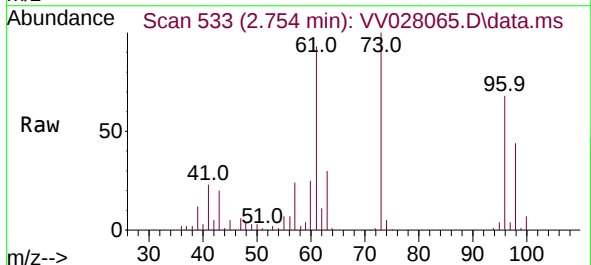
Instrument :
MSVOA_V
ClientSampleId :

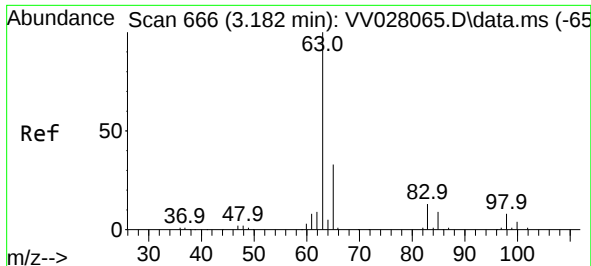
Tgt Ion: 73 Resp: 145582
Ion Ratio Lower Upper
73 100
43 19.6 15.7 23.5
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.019 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 96 Resp: 59295
Ion Ratio Lower Upper
96 100
61 137.4 96.2 178.6
98 65.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.667 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

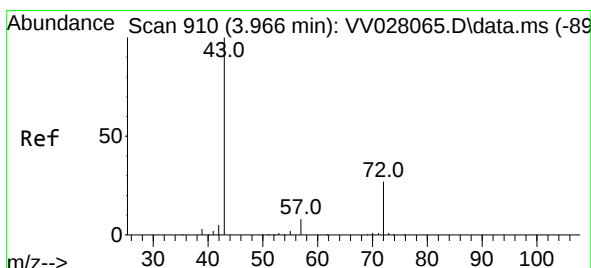
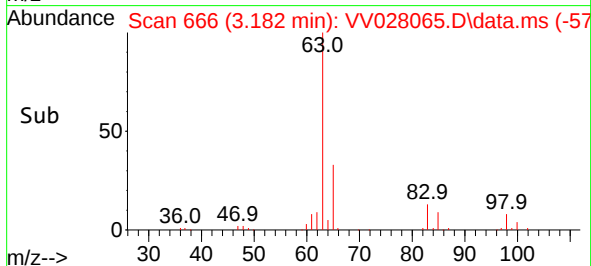
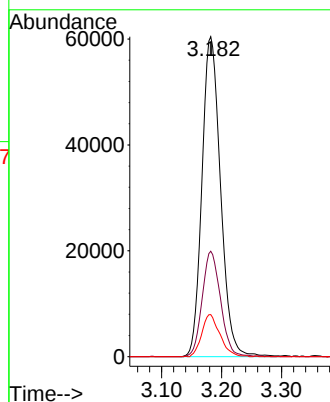
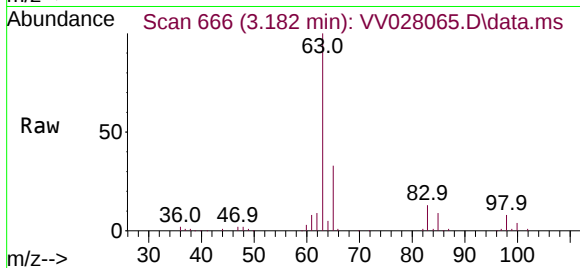
Tgt Ion: 63 Resp: 130747

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.8

83 13.2 9.2 17.2



#21

2-Butanone

Concen: 69.592 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.000 min

Lab File: VV028065.D

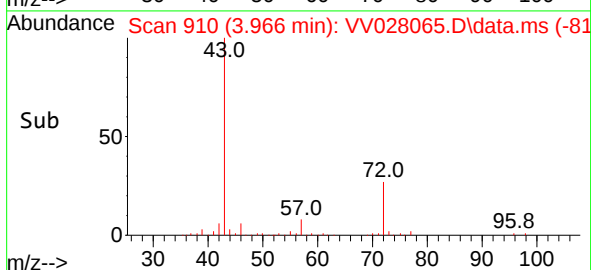
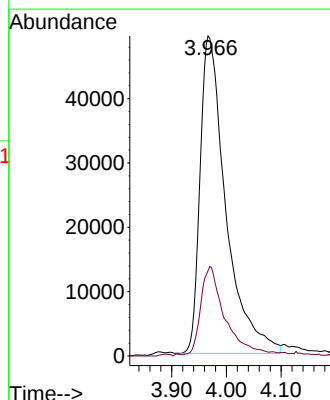
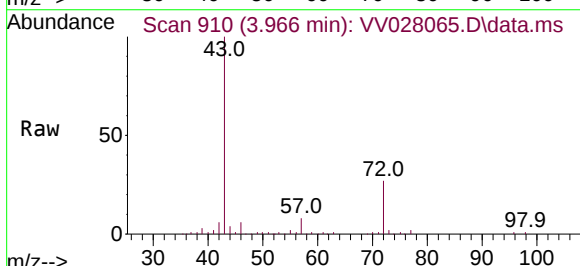
Acq: 22 Sep 2022 16:56

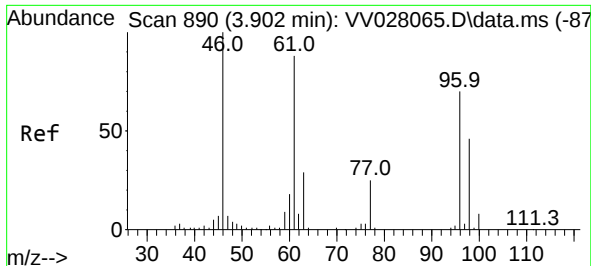
Tgt Ion: 43 Resp: 161563

Ion Ratio Lower Upper

43 100

72 25.4 12.7 38.1

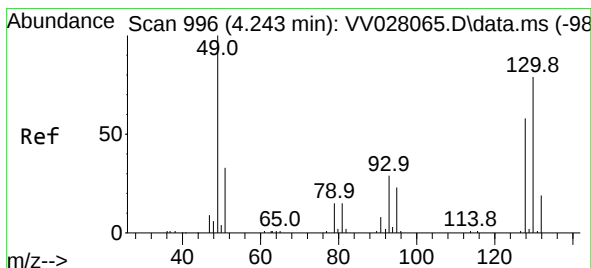
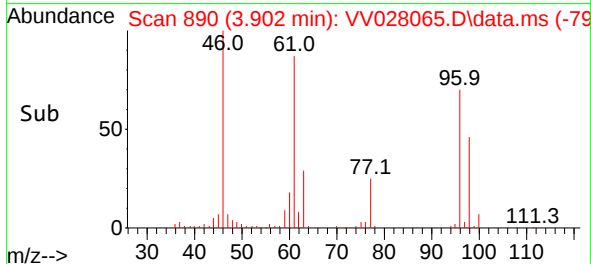
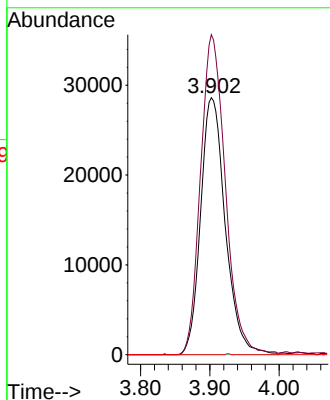
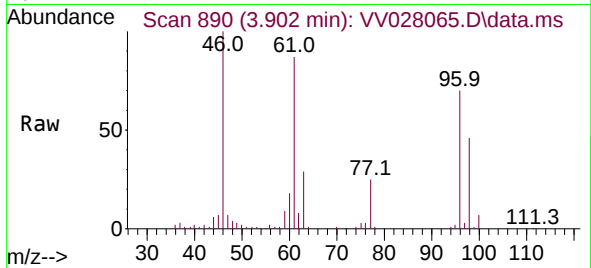




#22
 cis-1,2-Dichloroethene
 Concen: 5.298 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

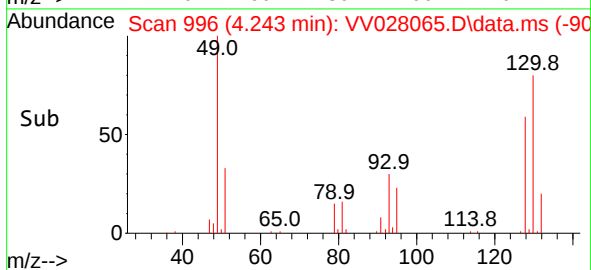
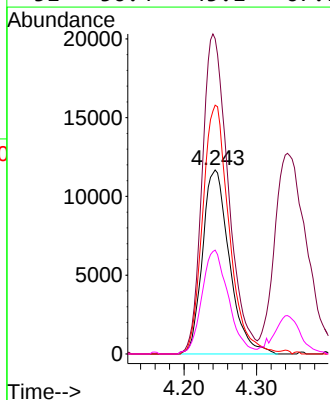
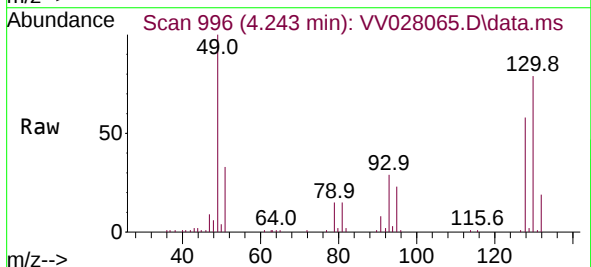
Instrument :
 MSVOA_V
 ClientSampleId :

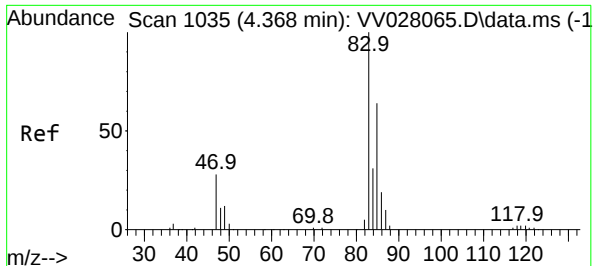
Tgt Ion: 96 Resp: 70700
 Ion Ratio Lower Upper
 96 100
 61 124.5 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.039 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Tgt Ion:128 Resp: 30072
 Ion Ratio Lower Upper
 128 100
 49 171.3 119.9 222.7
 130 135.2 94.6 175.8
 51 56.4 45.1 67.7





#25

Chloroform

Concen: 5.434 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

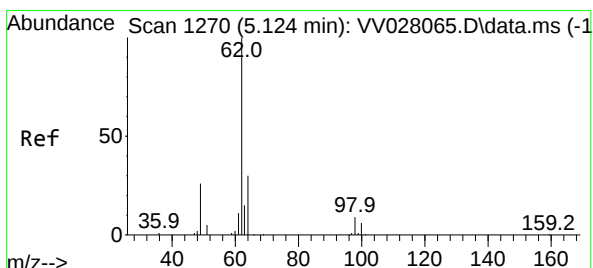
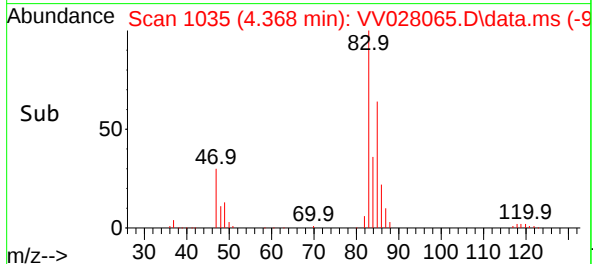
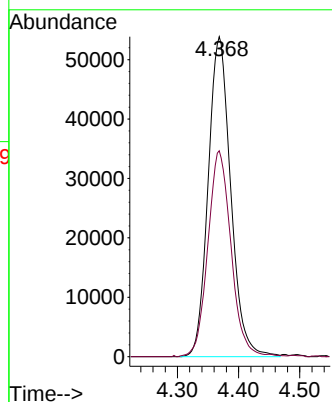
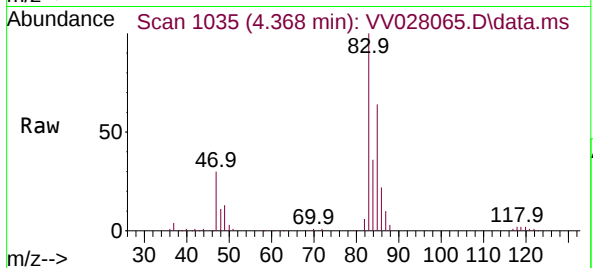
ClientSampleId :

Tgt Ion: 83 Resp: 137841

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 6.348 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV028065.D

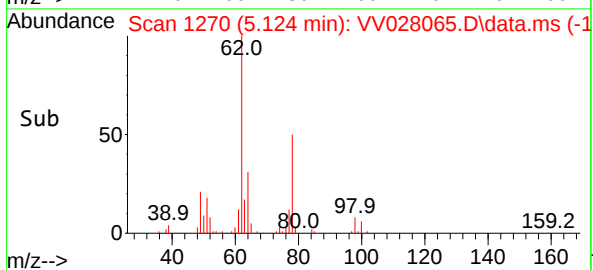
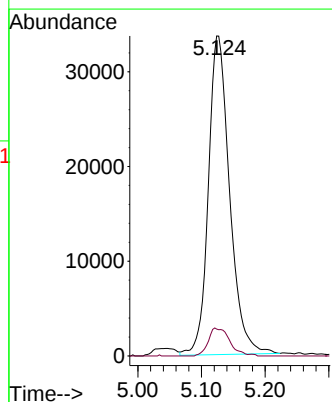
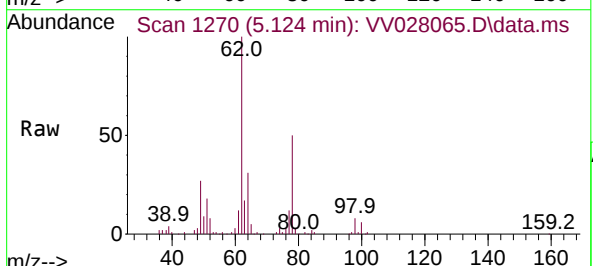
Acq: 22 Sep 2022 16:56

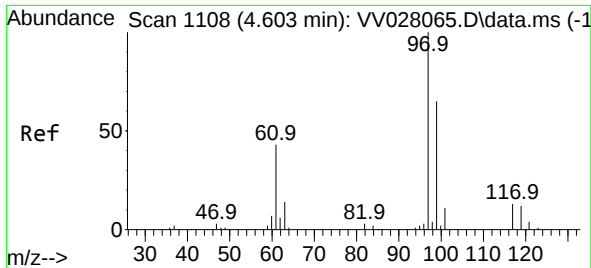
Tgt Ion: 62 Resp: 78107

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 5.712 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

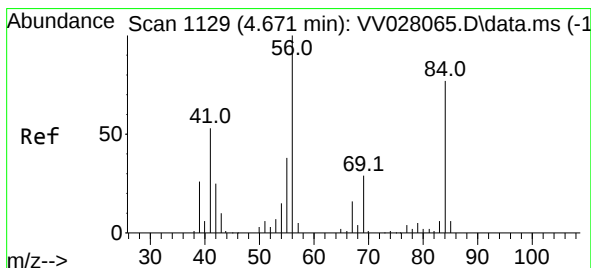
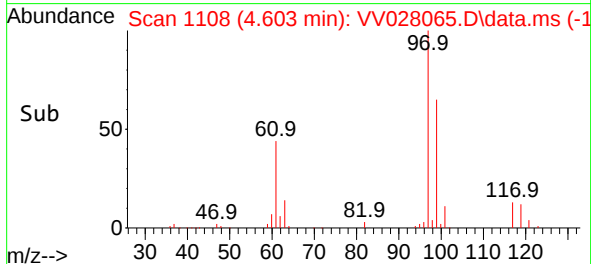
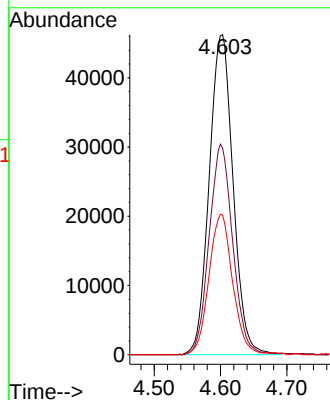
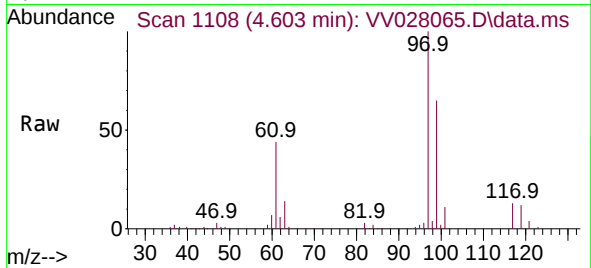
Tgt Ion: 97 Resp: 115486

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 43.5 34.8 52.2



#30

Cyclohexane

Concen: 5.837 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

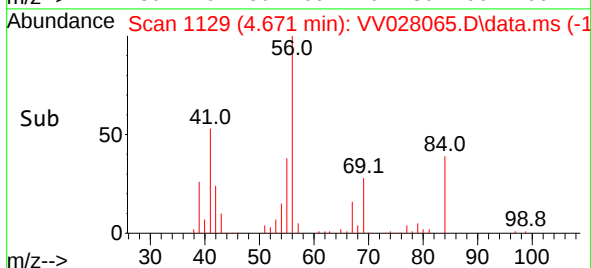
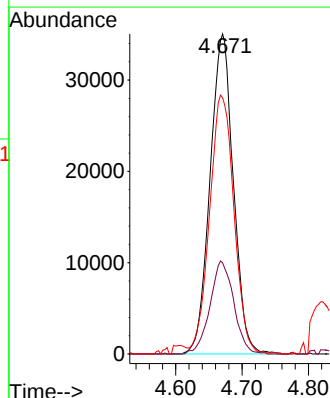
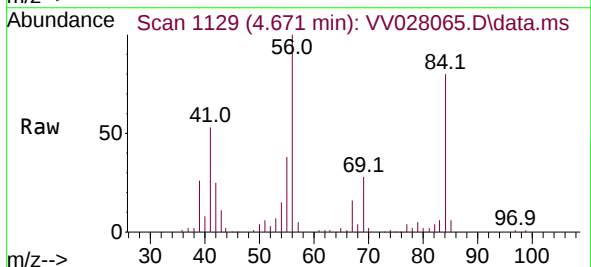
Tgt Ion: 56 Resp: 85538

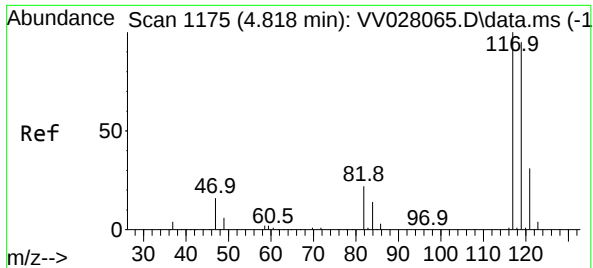
Ion Ratio Lower Upper

56 100

69 29.6 23.7 35.5

84 84.1 67.3 100.9

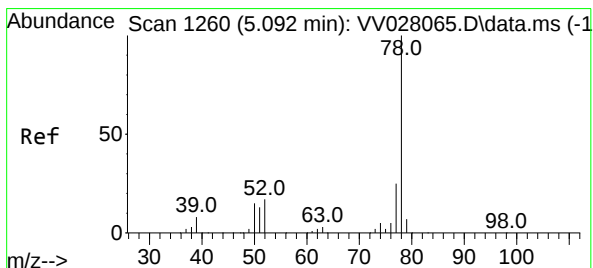
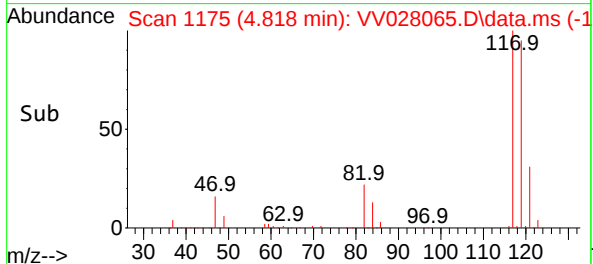
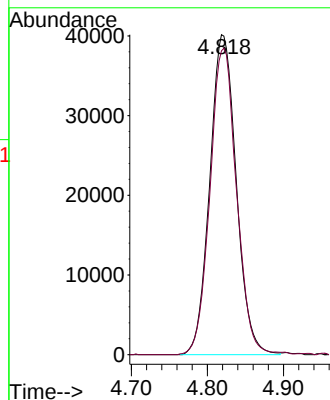
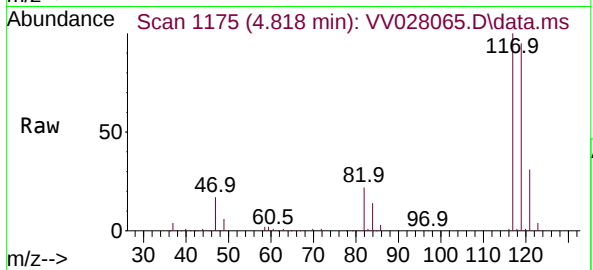




#31
Carbon tetrachloride
Concen: 5.445 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

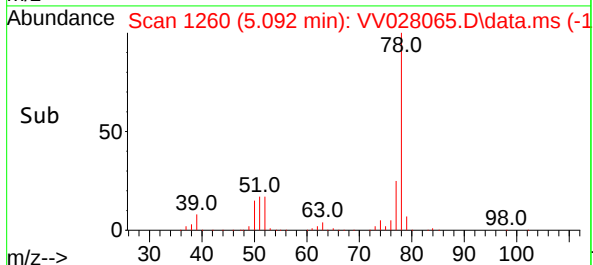
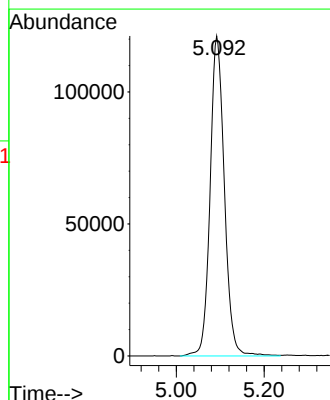
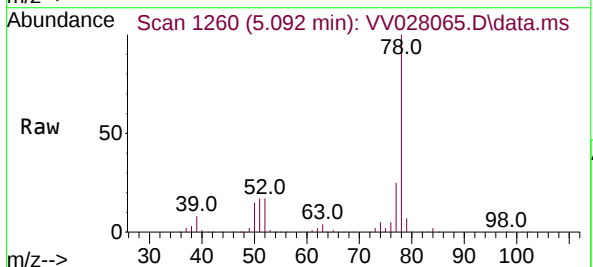
Instrument :
MSVOA_V
ClientSampleId :

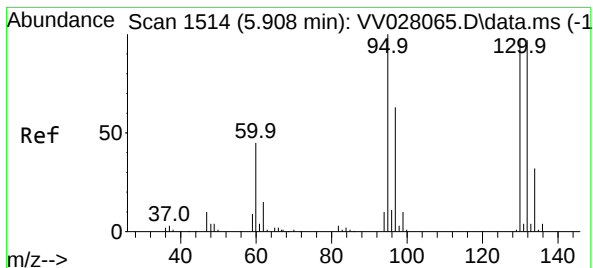
Tgt Ion:117 Resp: 97050
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 5.584 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 78 Resp: 273422





#34

Trichloroethene

Concen: 5.395 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 65710

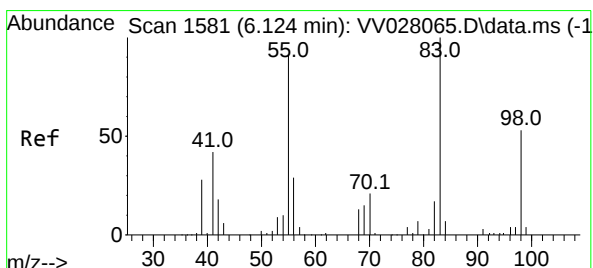
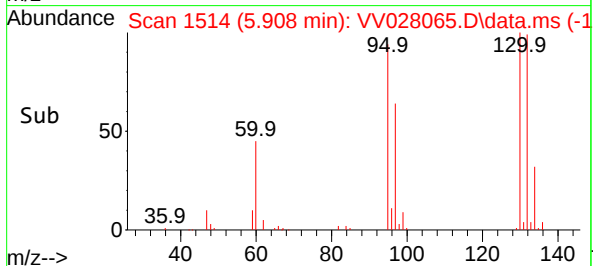
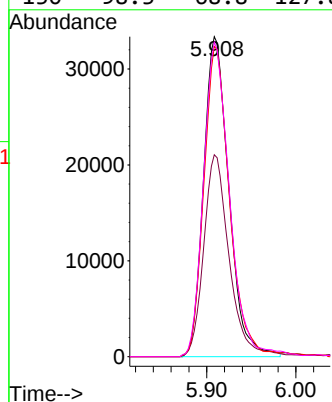
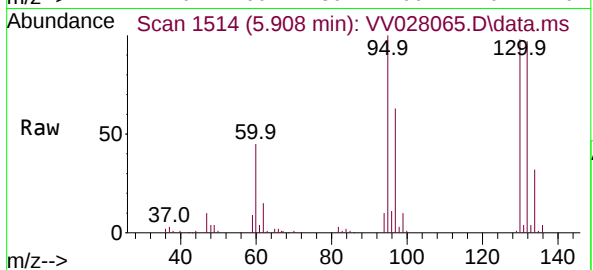
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.0

132 96.9 67.8 126.0

130 98.3 68.8 127.8



#35

Methylcyclohexane

Concen: 5.303 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

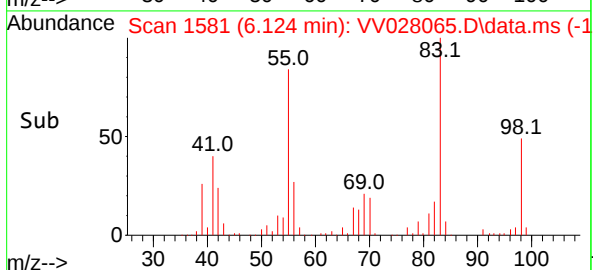
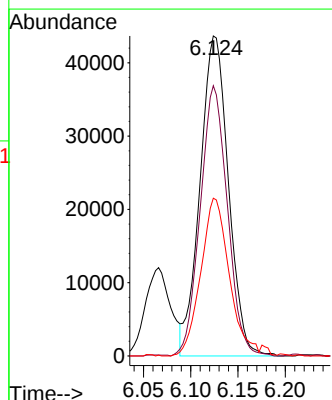
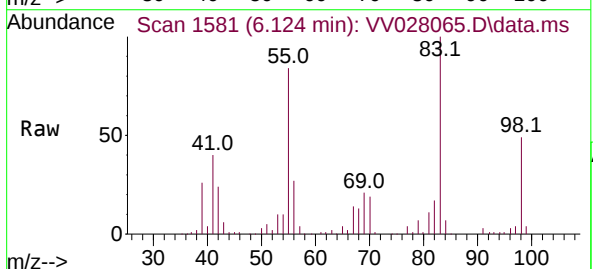
Tgt Ion: 83 Resp: 91251

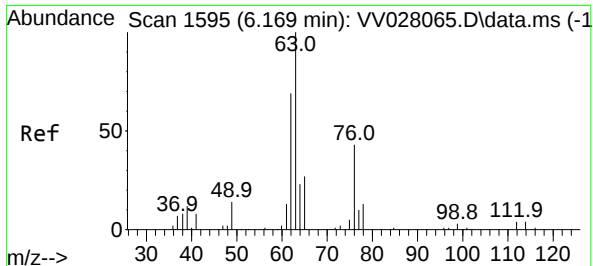
Ion Ratio Lower Upper

83 100

55 80.9 64.7 97.1

98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.739 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

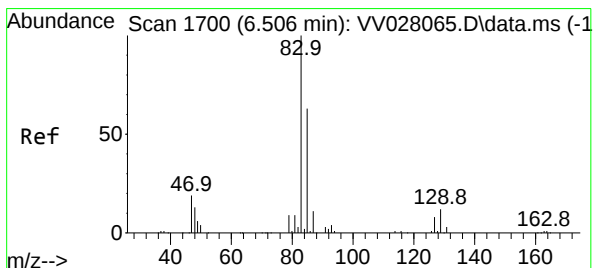
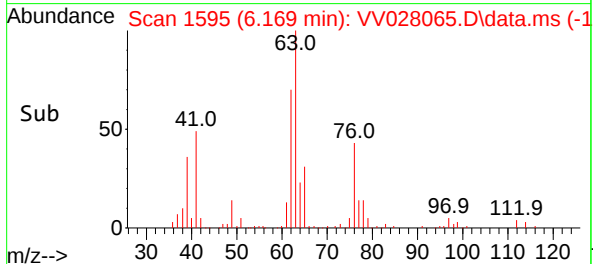
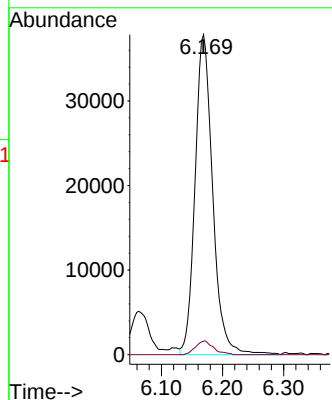
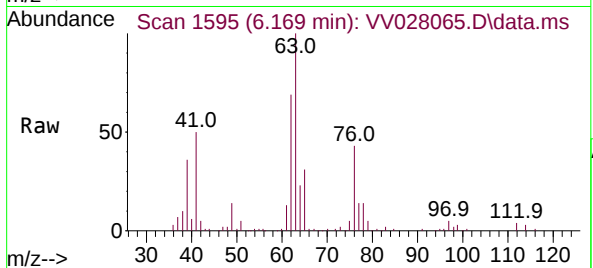
ClientSampleId :

Tgt Ion: 63 Resp: 75841

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 5.503 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

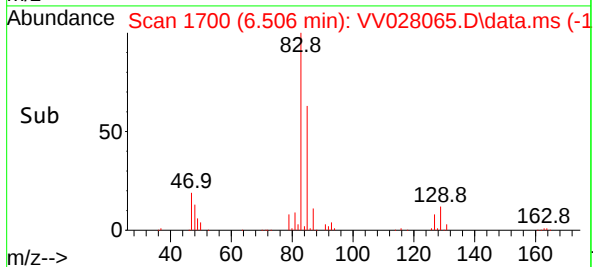
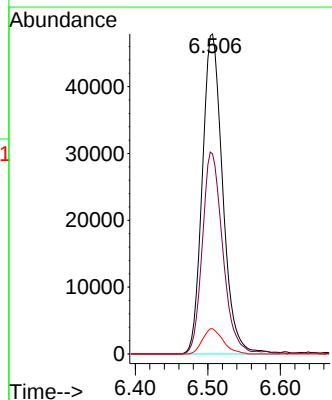
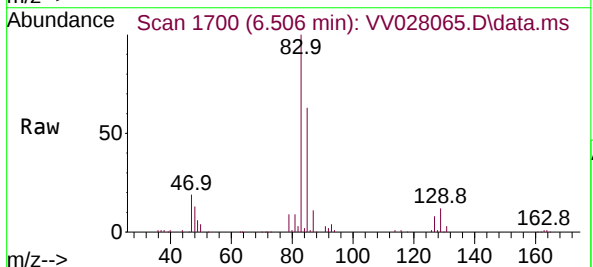
Tgt Ion: 83 Resp: 93547

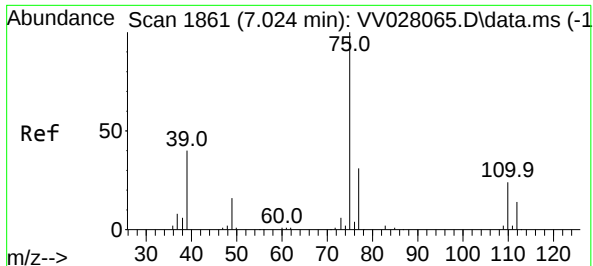
Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.236 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

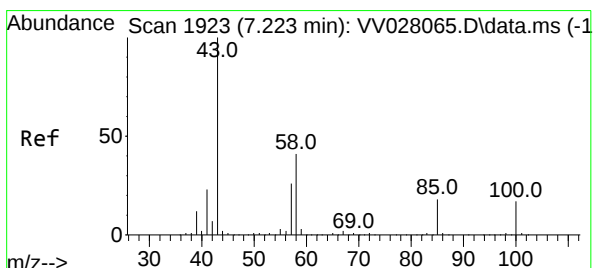
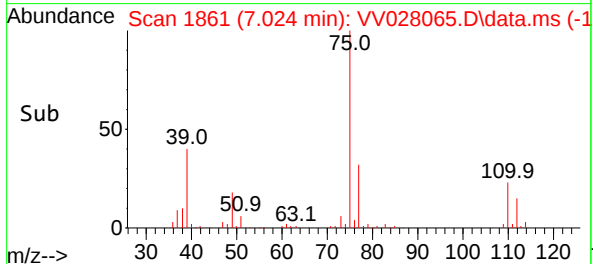
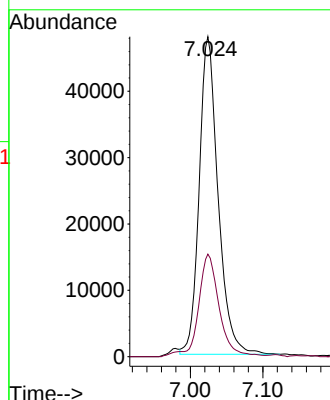
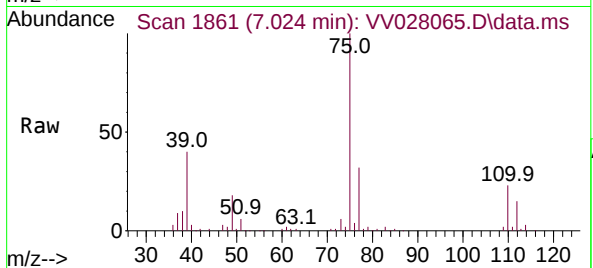
ClientSampleId :

Tgt Ion: 75 Resp: 86704

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 69.282 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

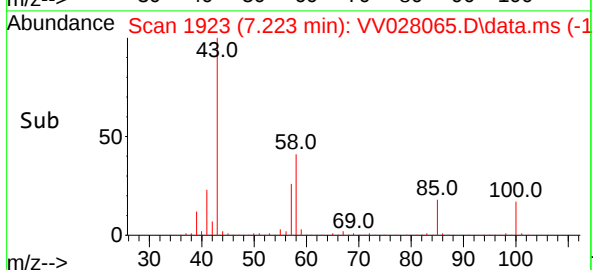
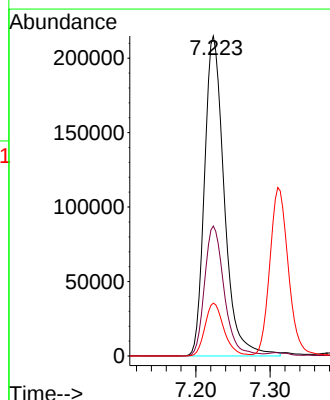
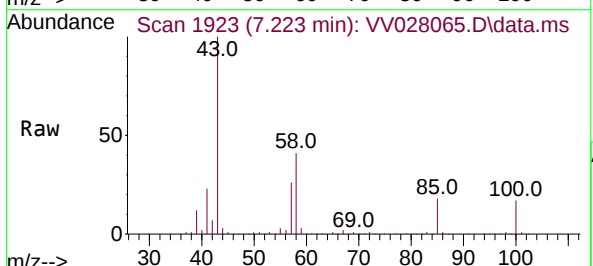
Tgt Ion: 43 Resp: 397650

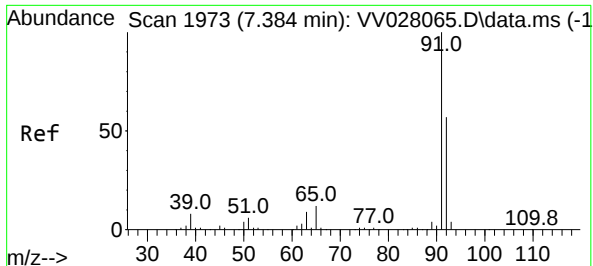
Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4

100 15.9 12.7 19.1





#42

Toluene

Concen: 5.547 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

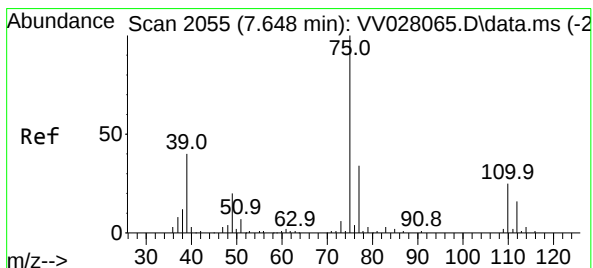
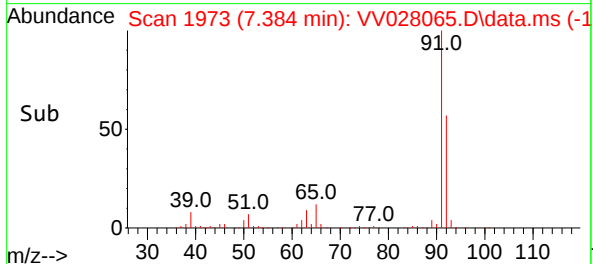
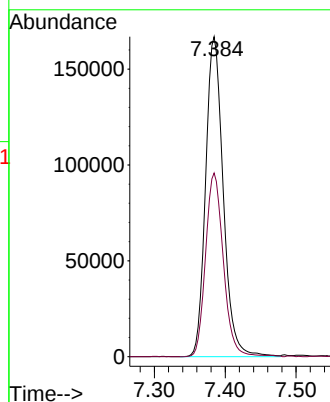
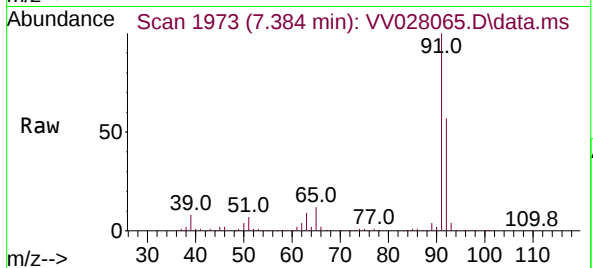
ClientSampleId :

Tgt Ion: 91 Resp: 288421

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.928 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028065.D

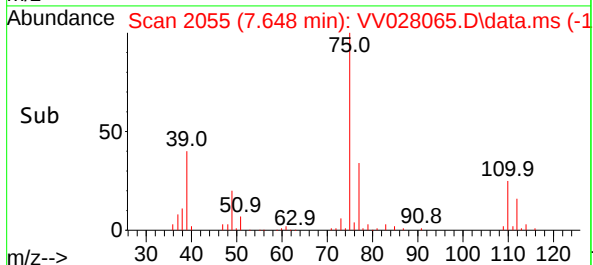
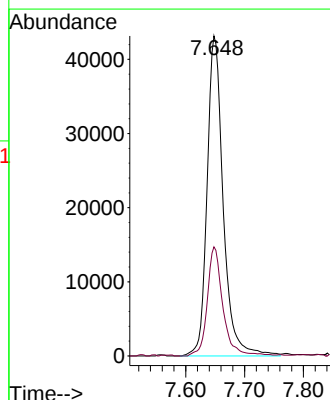
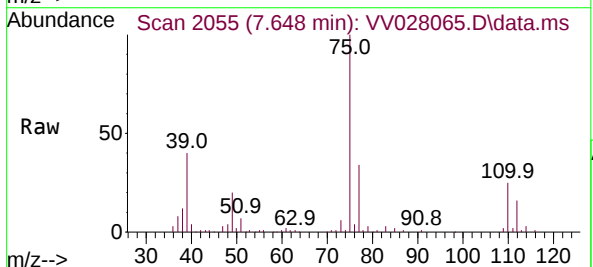
Acq: 22 Sep 2022 16:56

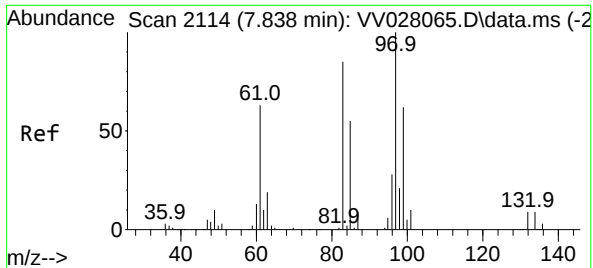
Tgt Ion: 75 Resp: 82276

Ion Ratio Lower Upper

75 100

77 34.1 23.9 44.3



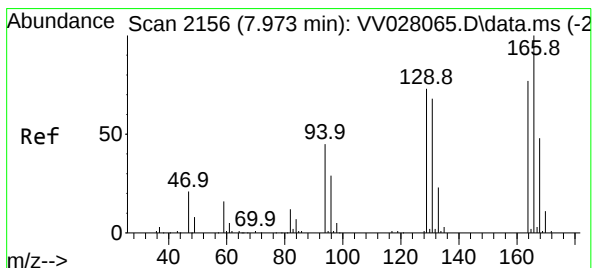
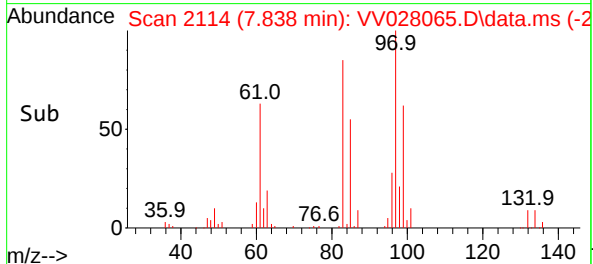
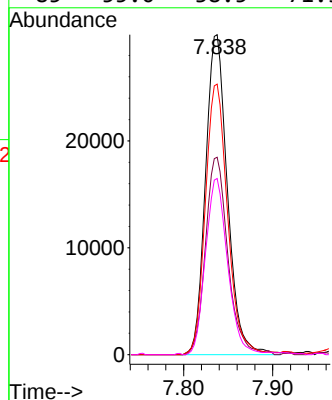
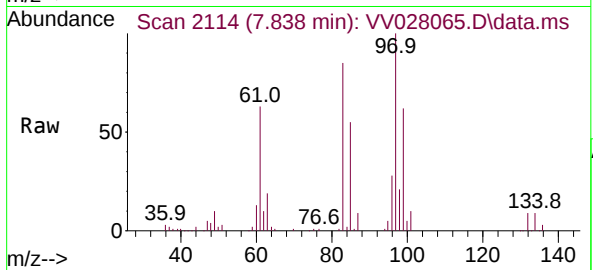


#45
1,1,2-Trichloroethane
Concen: 5.366 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 51138

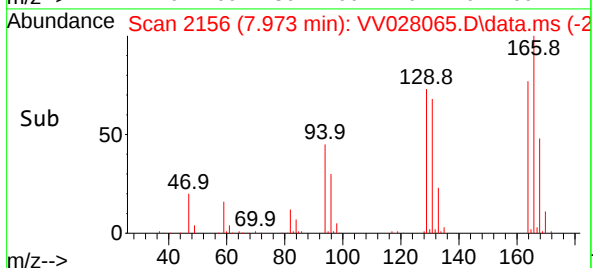
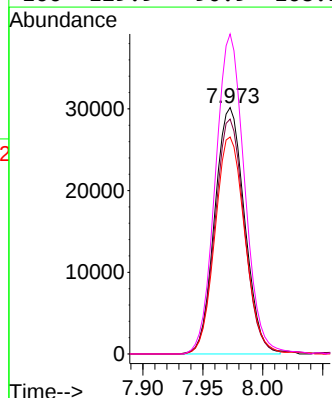
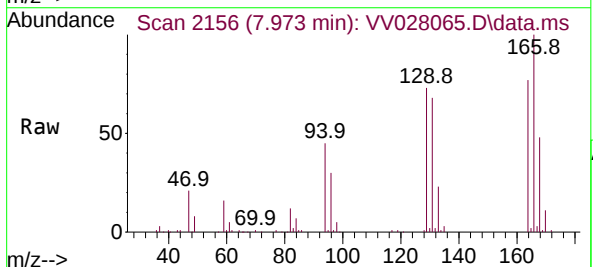
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.2	80.2
83	84.5	59.1	109.9
85	55.0	38.5	71.5

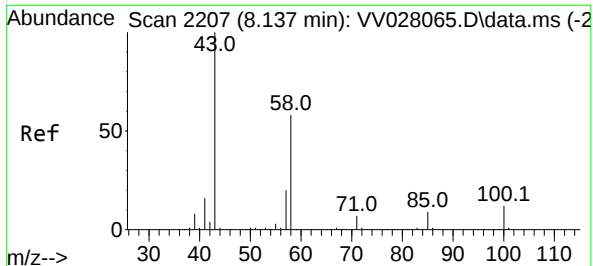


#47
Tetrachloroethene
Concen: 4.905 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 164 Resp: 52058

Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.7	123.9
131	88.1	61.7	114.5
166	129.9	90.9	168.9

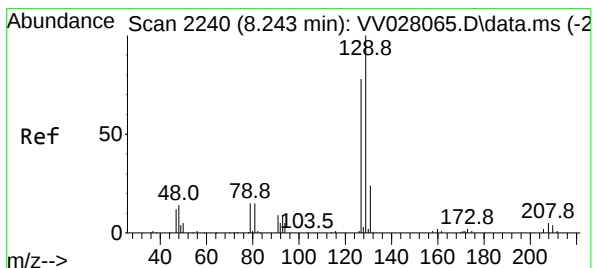
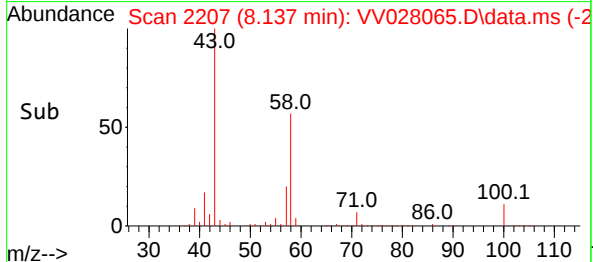
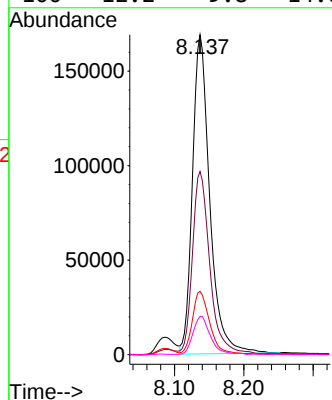
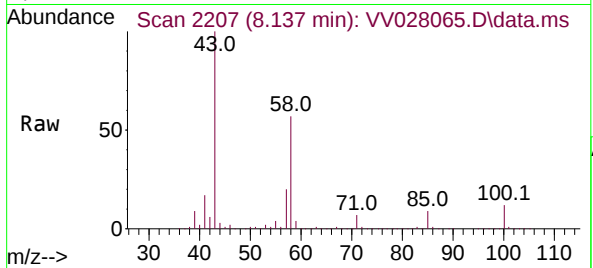




#48
2-Hexanone
Concen: 71.331 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

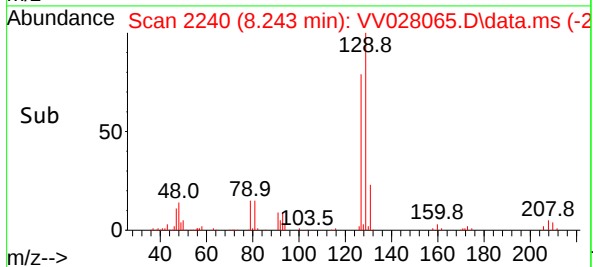
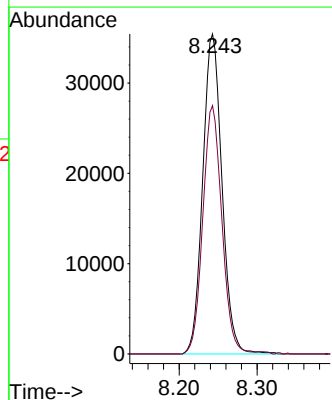
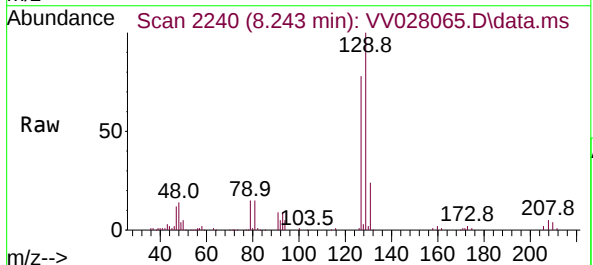
Instrument :
MSVOA_V
ClientSampleId :

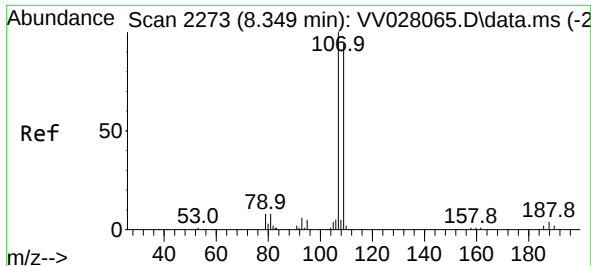
Tgt Ion: 43 Resp: 293312
Ion Ratio Lower Upper
43 100
58 57.1 45.7 68.5
57 19.4 15.5 23.3
100 12.2 9.8 14.6



#49
Dibromochloromethane
Concen: 5.258 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 129 Resp: 60827
Ion Ratio Lower Upper
129 100
127 77.6 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.181 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028065.D

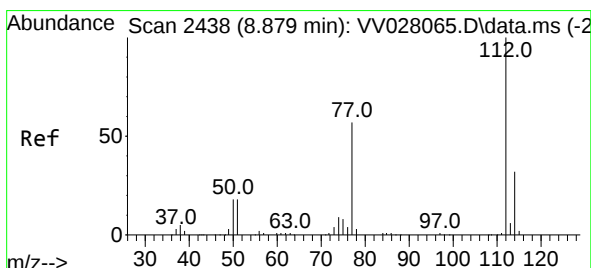
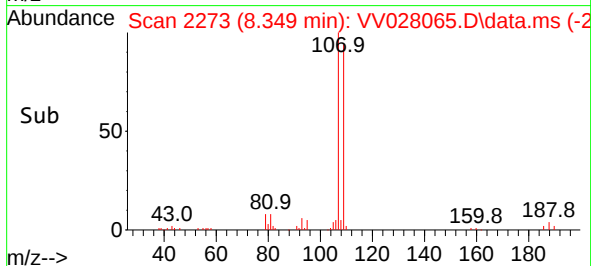
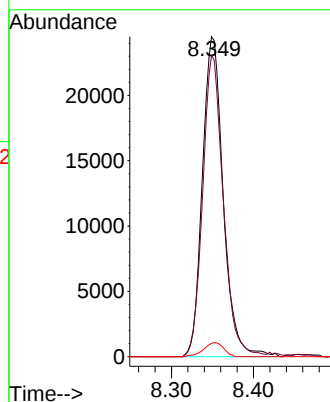
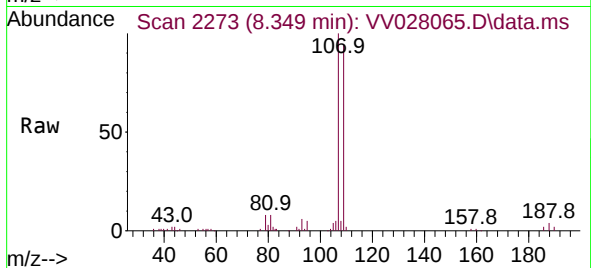
Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	43185
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.9	122.5
188	4.2	3.4	5.0



#51

Chlorobenzene

Concen: 5.108 ug/L

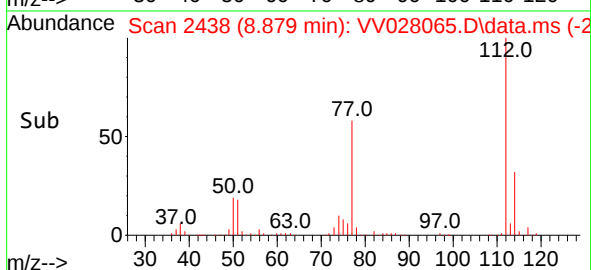
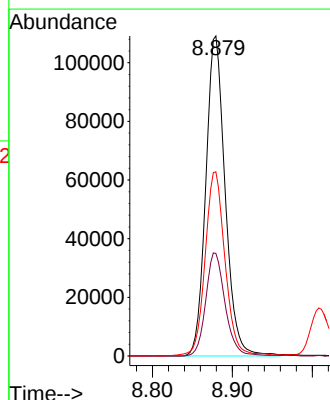
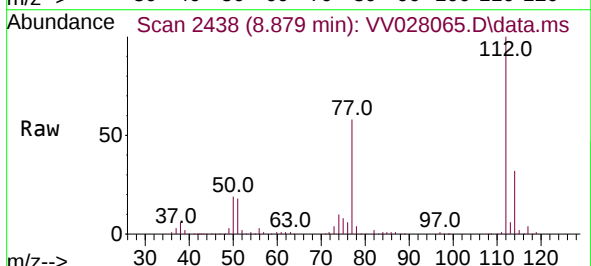
RT: 8.879 min Scan# 2438

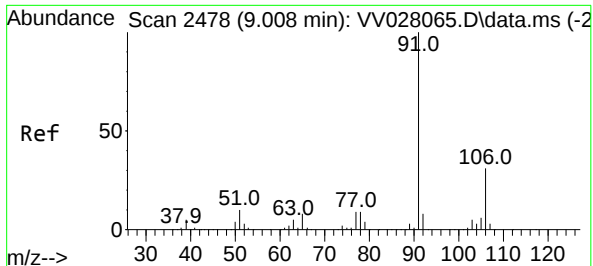
Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Tgt Ion:	112	Resp:	183833
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	57.6	46.1	69.1





#52

Ethylbenzene

Concen: 5.387 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

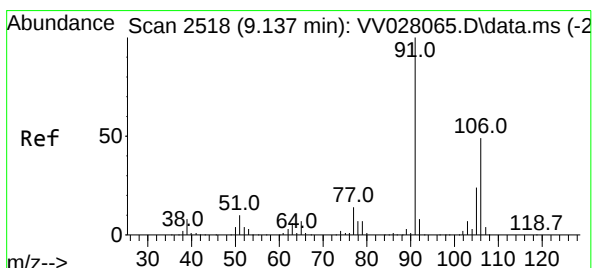
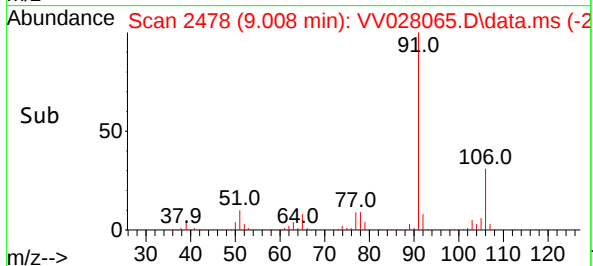
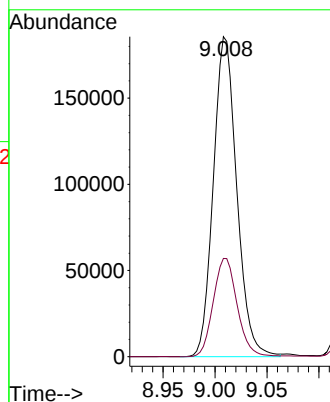
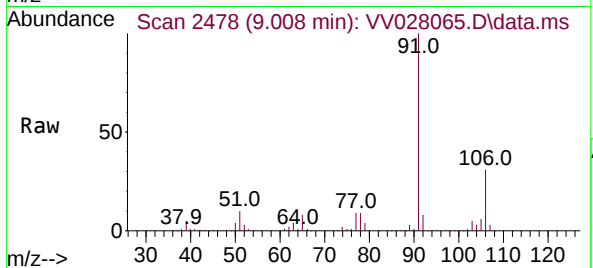
ClientSampleId :

Tgt Ion: 91 Resp: 291359

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 5.372 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV028065.D

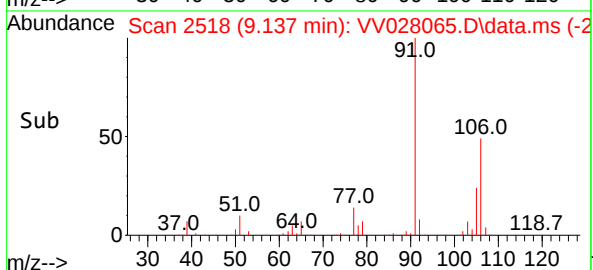
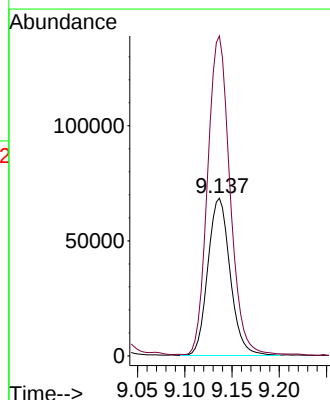
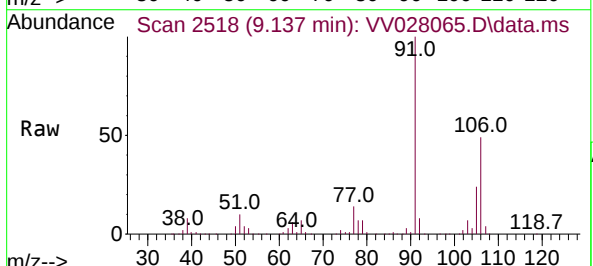
Acq: 22 Sep 2022 16:56

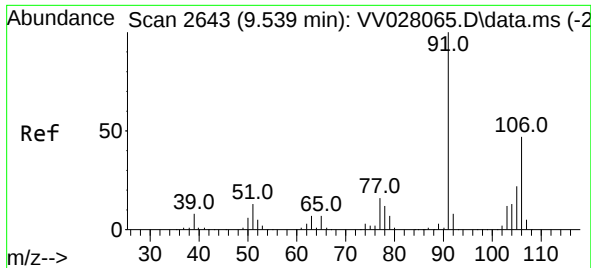
Tgt Ion: 106 Resp: 112165

Ion Ratio Lower Upper

106 100

91 202.7 141.9 263.5

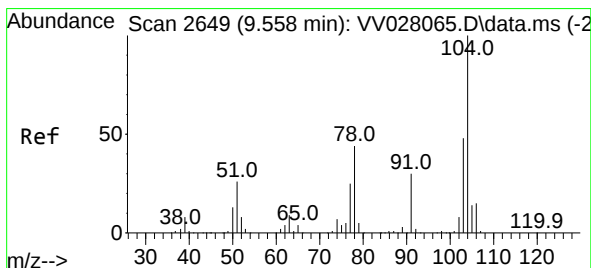
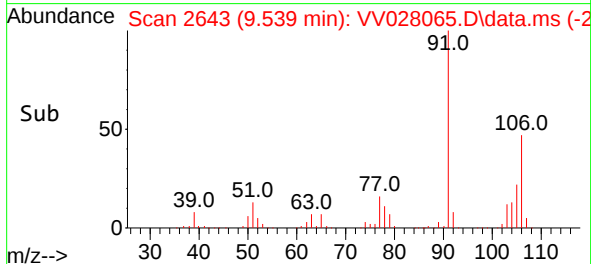
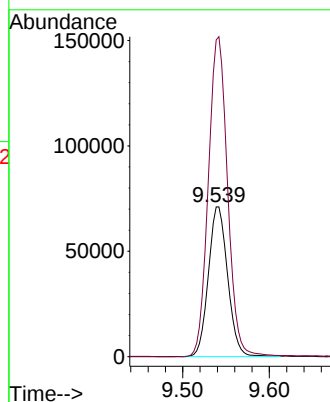
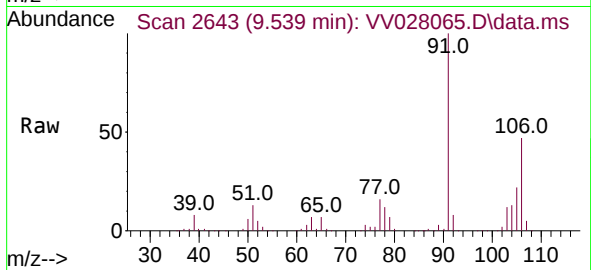




#54
o-Xylene
Concen: 5.276 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

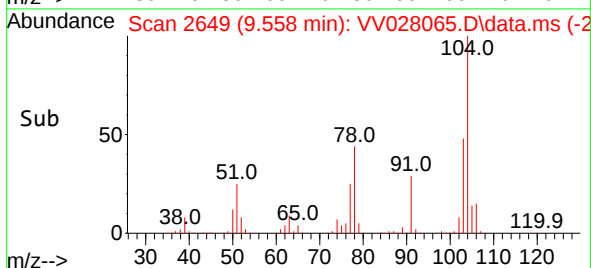
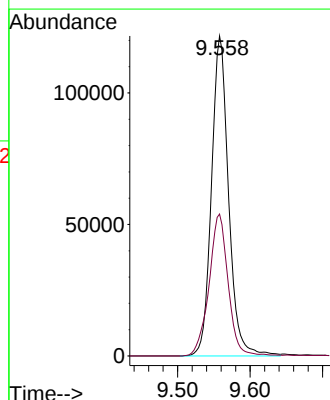
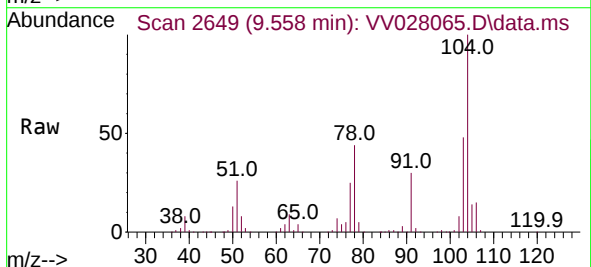
Instrument :
MSVOA_V
ClientSampleId :

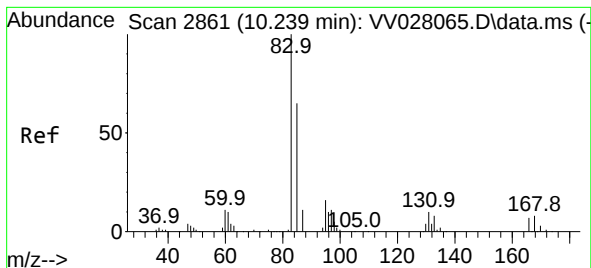
Tgt Ion:106 Resp: 110118
Ion Ratio Lower Upper
106 100
91 211.5 148.1 275.0



#55
Styrene
Concen: 5.495 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion:104 Resp: 199317
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6

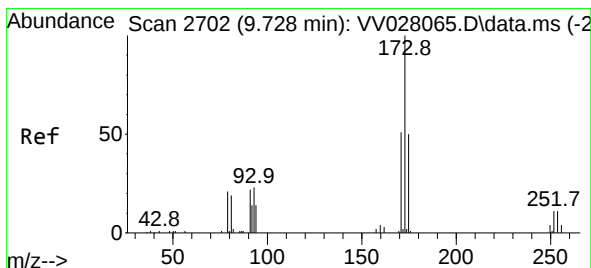
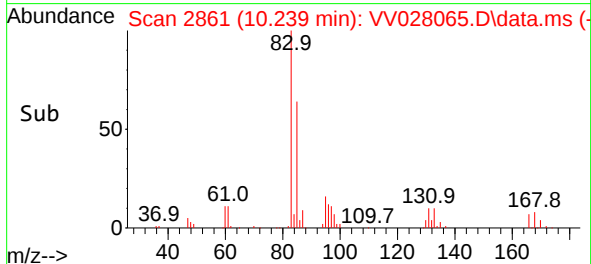
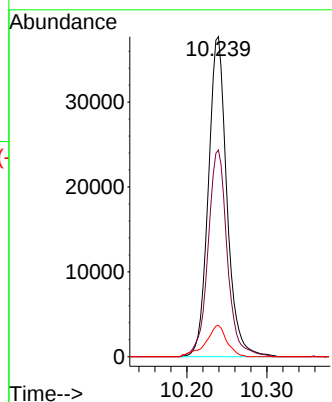
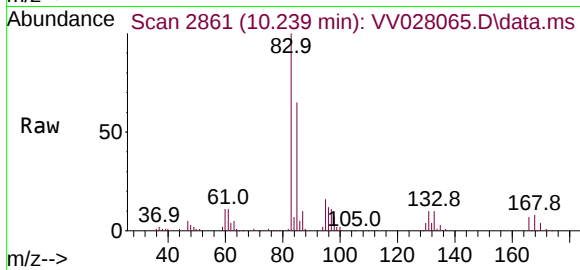




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.097 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

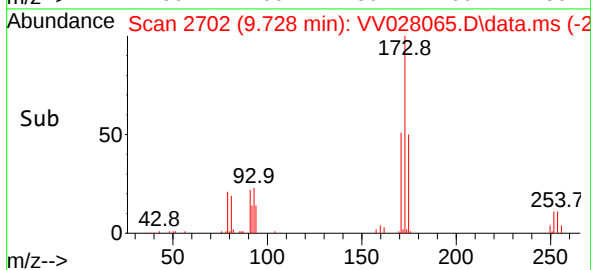
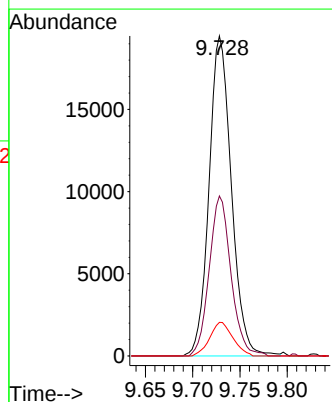
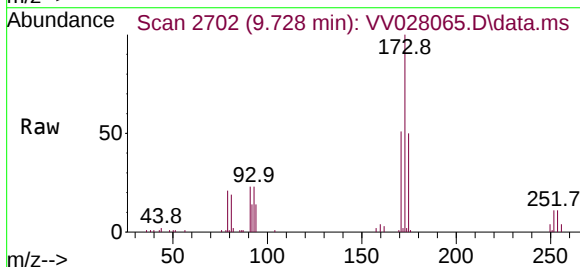
Instrument :
 MSVOA_V
 ClientSampleId :

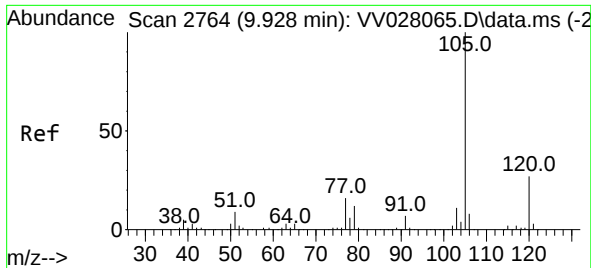
Tgt Ion: 83 Resp: 61018
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.2 84.0
 131 9.8 7.8 11.8



#59
 Bromoform
 Concen: 5.154 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Tgt Ion: 173 Resp: 31987
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 10.9 8.7 13.1

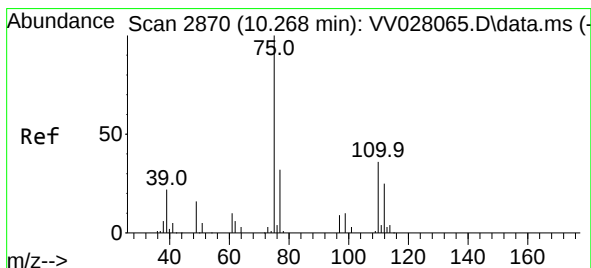
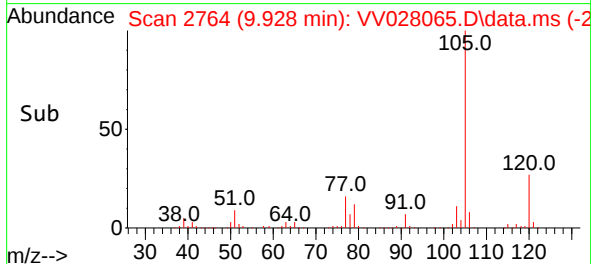
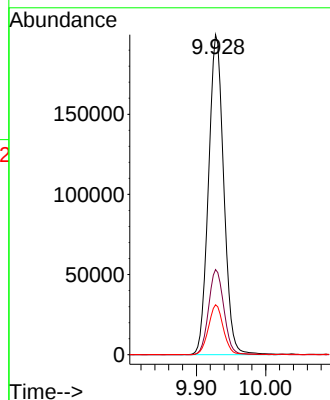
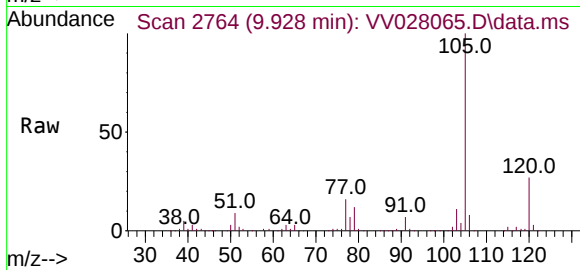




#60
Isopropylbenzene
Concen: 5.714 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

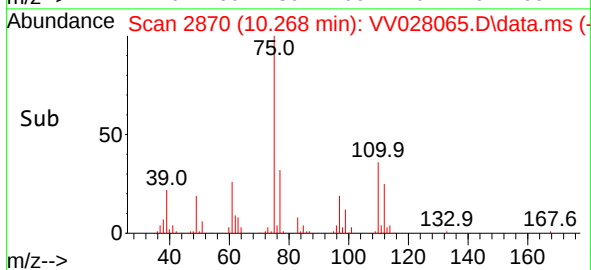
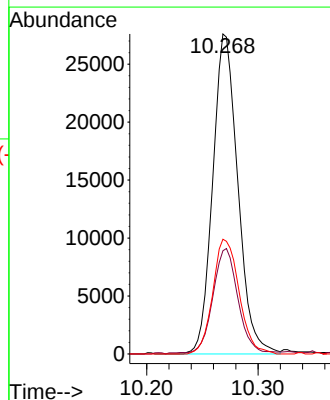
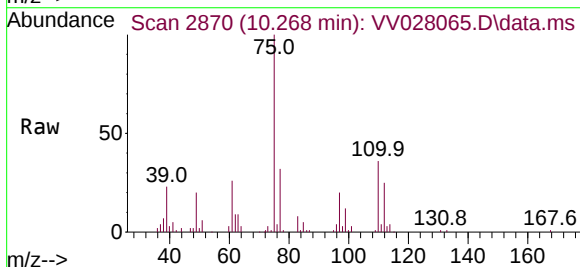
Instrument :
MSVOA_V
ClientSampleId :

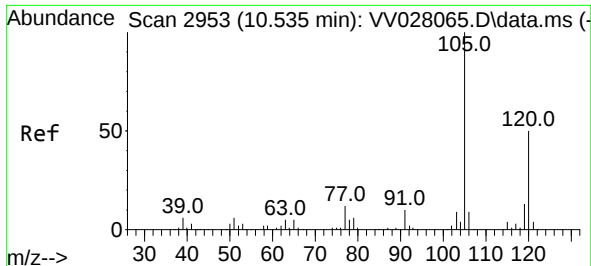
Tgt Ion:105 Resp: 304080
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 6.029 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 75 Resp: 43243
Ion Ratio Lower Upper
75 100
77 33.4 26.7 40.1
110 37.6 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 5.615 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

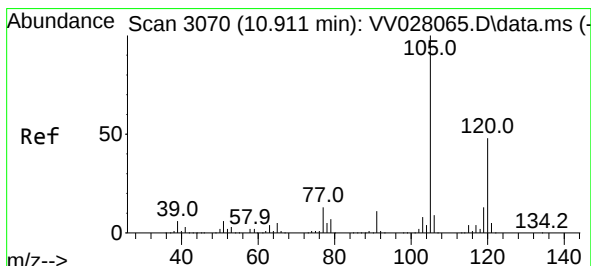
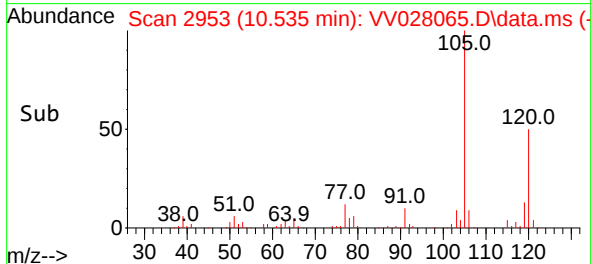
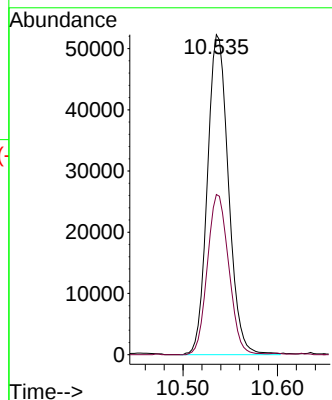
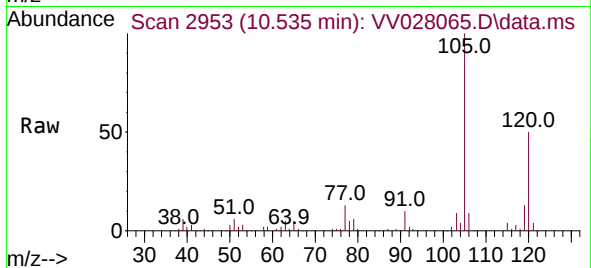
ClientSampleId :

Tgt Ion:105 Resp: 80958

Ion Ratio Lower Upper

105 100

120 50.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.525 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028065.D

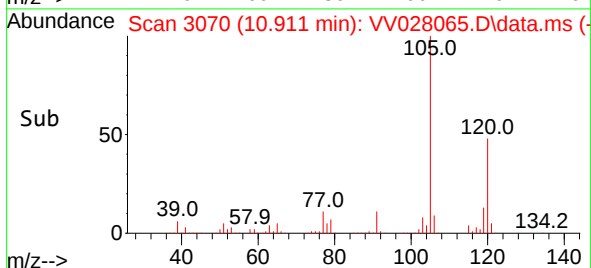
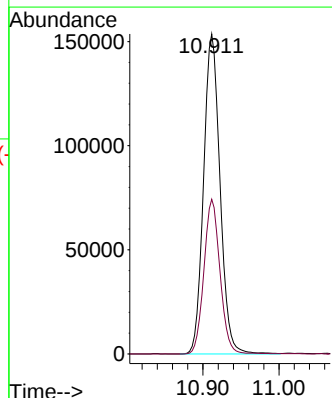
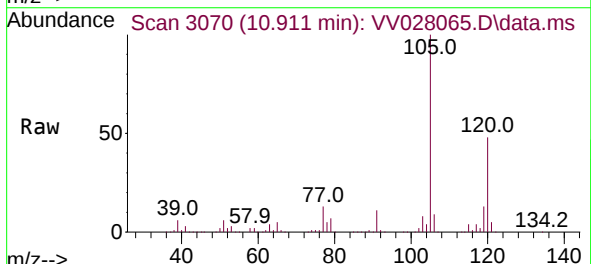
Acq: 22 Sep 2022 16:56

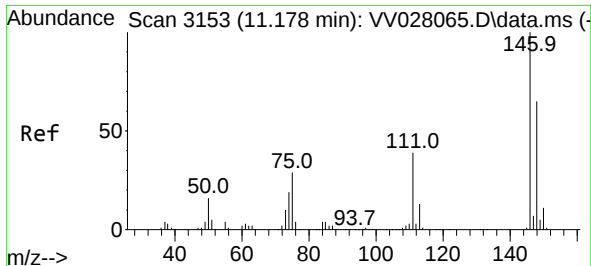
Tgt Ion:105 Resp: 230675

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8

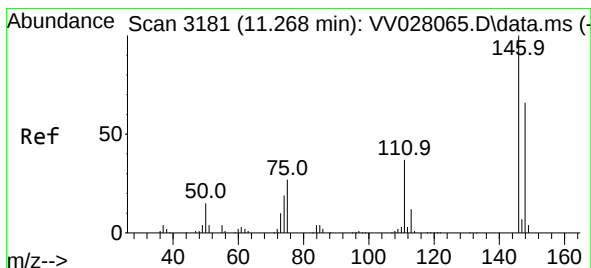
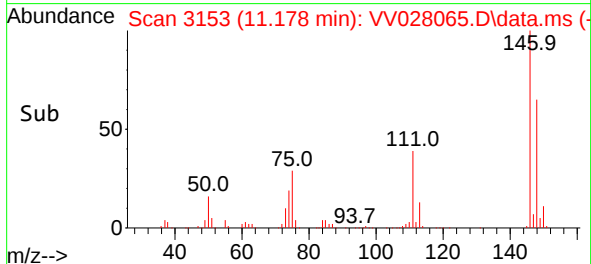
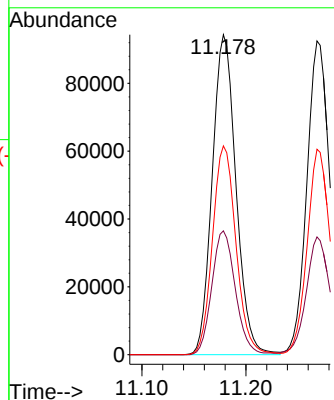
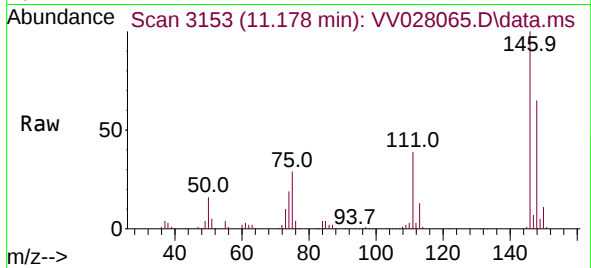




#64
 1,3-Dichlorobenzene
 Concen: 5.247 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

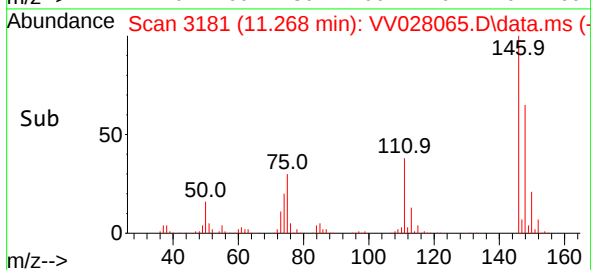
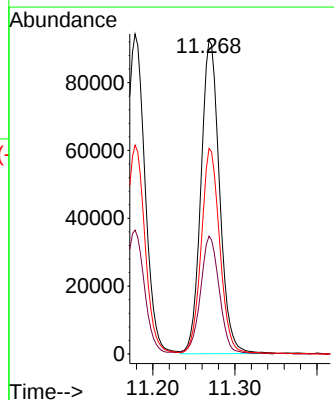
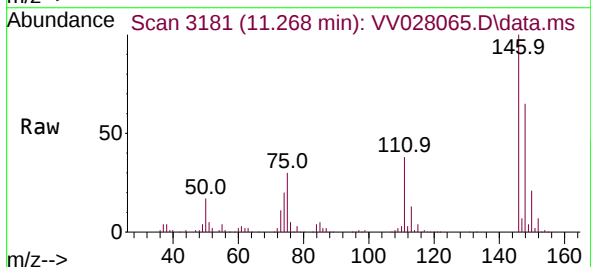
Instrument :
 MSVOA_V
 ClientSampleId :

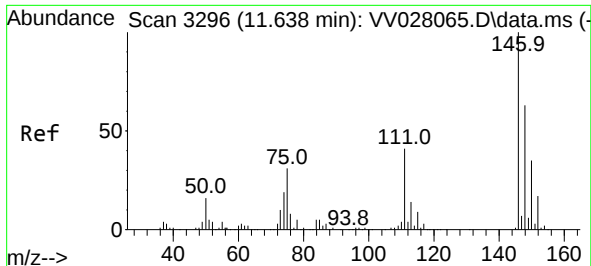
Tgt Ion:146 Resp: 149613
 Ion Ratio Lower Upper
 146 100
 111 38.7 27.1 50.3
 148 65.3 45.7 84.9



#65
 1,4-Dichlorobenzene
 Concen: 5.085 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VV028065.D
 Acq: 22 Sep 2022 16:56

Tgt Ion:146 Resp: 145433
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.2 48.8
 148 65.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.247 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

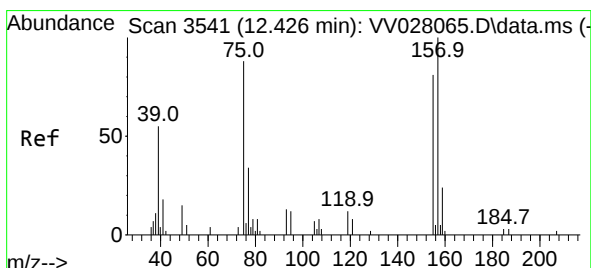
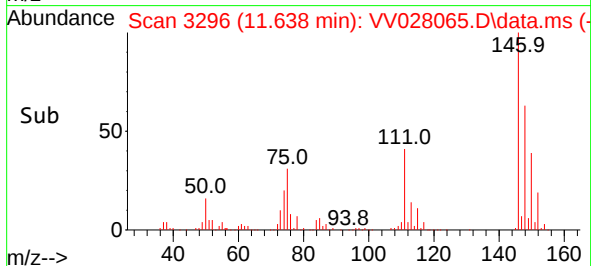
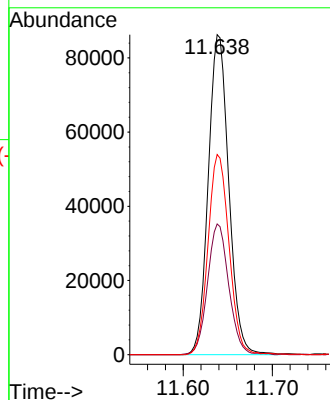
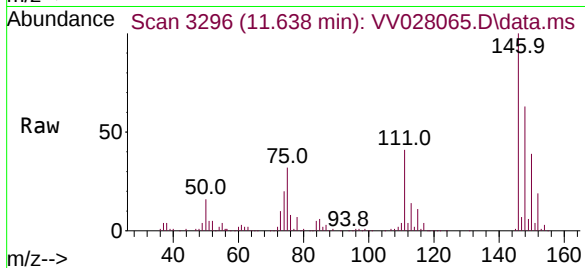
Tgt Ion:146 Resp: 137734

Ion Ratio Lower Upper

146 100

111 40.8 32.6 49.0

148 62.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.640 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

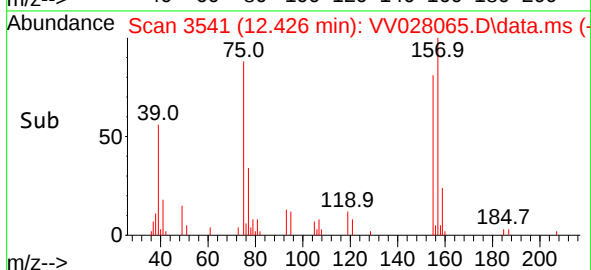
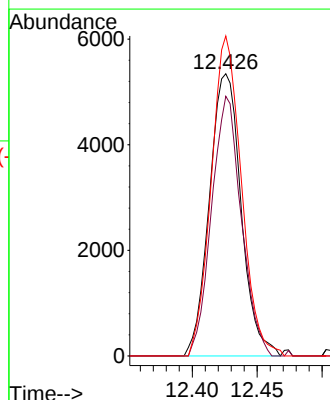
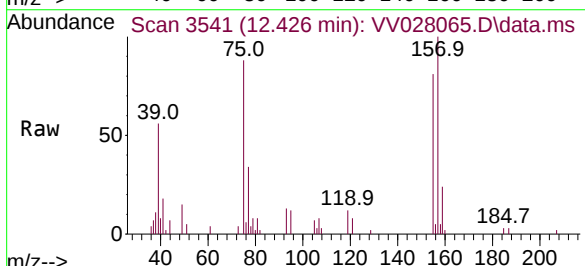
Tgt Ion: 75 Resp: 9067

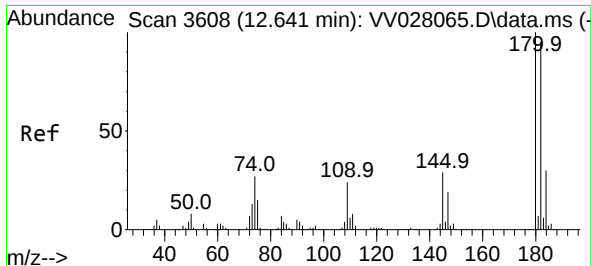
Ion Ratio Lower Upper

75 100

155 92.0 73.6 110.4

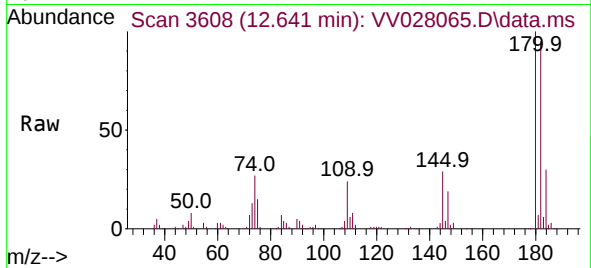
157 113.4 90.7 136.1



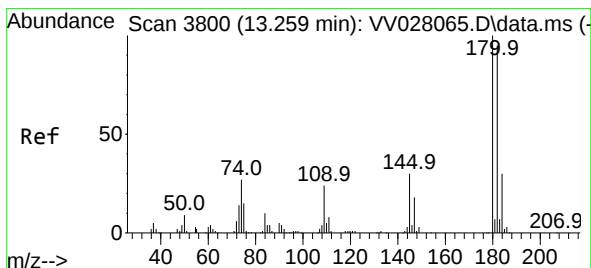
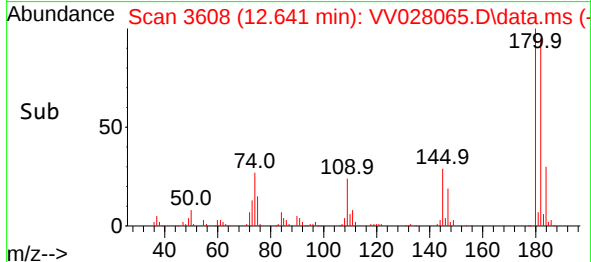
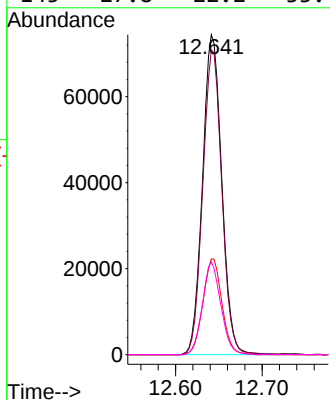


#69
1,3,5-Trichlorobenzene
Concen: 5.064 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :

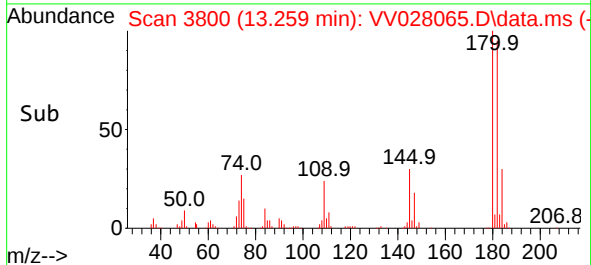
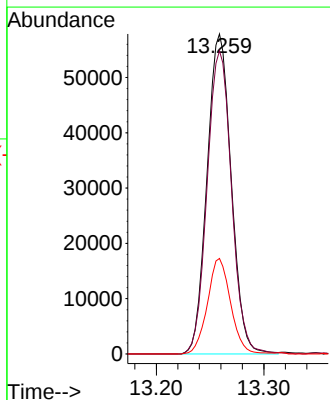
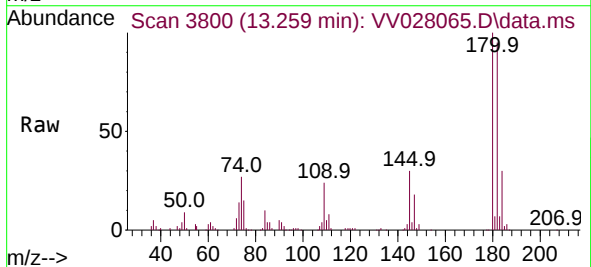


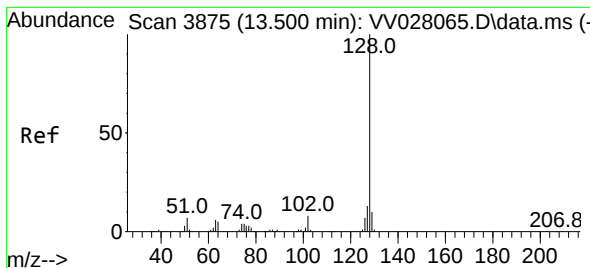
Tgt Ion:180 Resp: 114758
Ion Ratio Lower Upper
180 100
182 94.4 75.5 113.3
184 29.6 23.7 35.5
145 27.8 22.2 33.4



#70
1,2,4-trichlorobenzene
Concen: 5.029 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV028065.D
Acq: 22 Sep 2022 16:56

Tgt Ion:180 Resp: 90524
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 28.6 22.9 34.3





#71

Naphthalene

Concen: 5.303 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

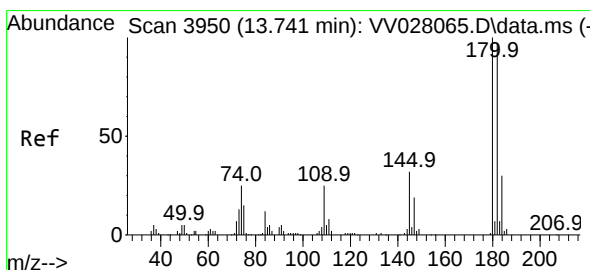
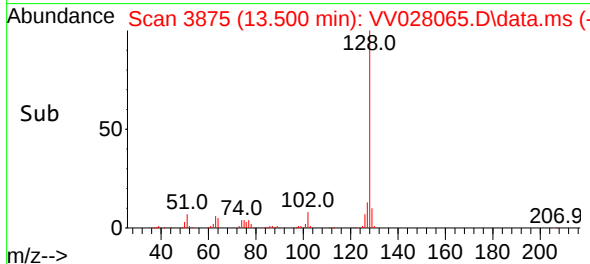
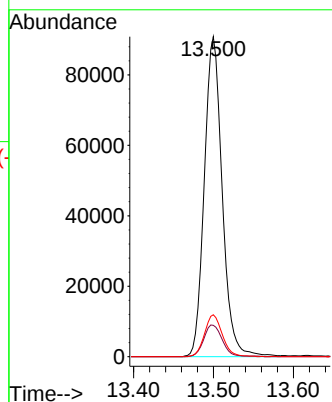
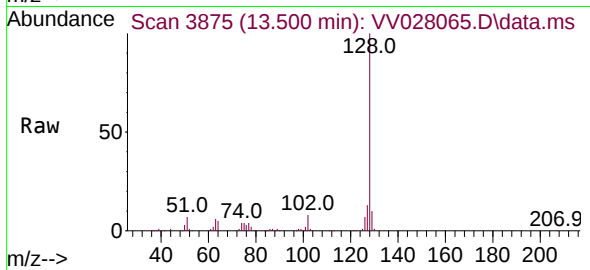
Tgt Ion:128 Resp: 141918

Ion Ratio Lower Upper

128 100

129 10.2 8.2 12.2

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.109 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028065.D

Acq: 22 Sep 2022 16:56

Tgt Ion:180 Resp: 81915

Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

145 30.7 24.6 36.8

