

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025790.D
 Acq On : 03 May 2022 14:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: May 04 05:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:56:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	168058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	85650	4.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.571	69	76522	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.114	63	167032	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.896	46	123982	49.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	4.352	84	134261	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	58478	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.053	84	269404	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	76228	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	246318	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.622	79	25889	5.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	106023	54.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48493	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	79267	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	100508	5.094	ug/L	100
3) Chloromethane	1.243	50	111155	4.838	ug/L	99
5) Vinyl chloride	1.314	62	114435	4.990	ug/L	100
6) Bromomethane	1.526	94	64117	5.135	ug/L	98
8) Chloroethane	1.587	64	72641	4.923	ug/L	97
9) Trichlorofluoromethane	1.757	101	157348	5.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	84229	5.004	ug/L	98
12) 1,1-Dichloroethene	2.124	96	81185	5.026	ug/L	80
13) Acetone	2.188	43	80205	48.476	ug/L	97
14) Carbon disulfide	2.298	76	216846	5.192	ug/L	99
15) Methyl Acetate	2.446	43	21316	5.382	ug/L #	87
16) Methylene chloride	2.510	84	70663	4.510	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	128578	5.236	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	71338	5.014	ug/L	97
19) 1,1-Dichloroethane	3.195	63	131666	5.188	ug/L	98
21) 2-Butanone	3.982	43	120461	54.413	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	75224	5.165	ug/L	91
23) Bromochloromethane	4.253	128	30281	5.084	ug/L	84
25) Chloroform	4.378	83	134643	5.082	ug/L	97

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

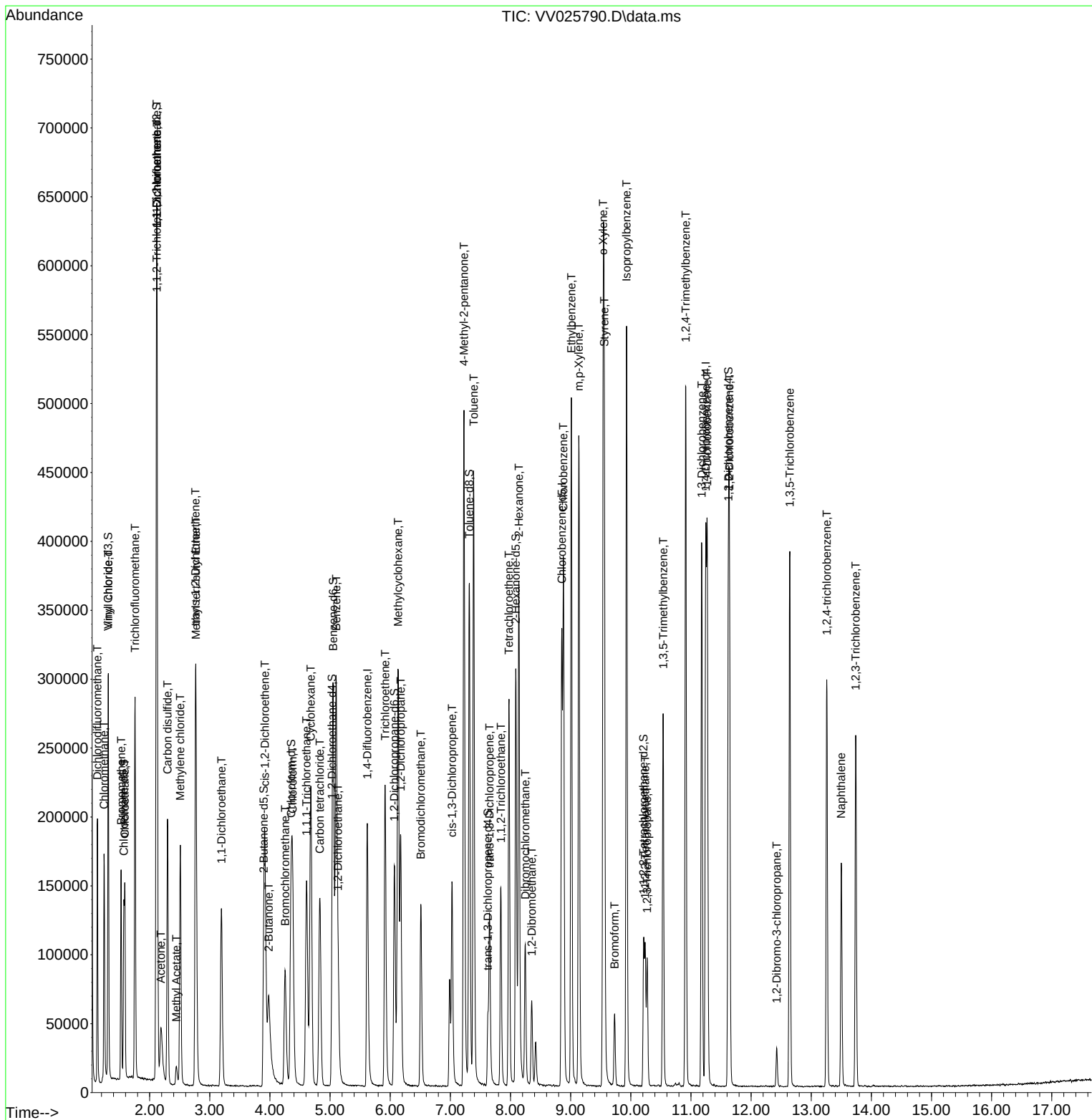
Instrument :
 MSVOA_V
 ClientSampleId :
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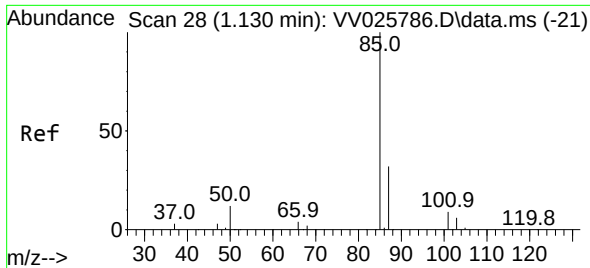
Quant Time: May 04 05:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:56:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	72427	5.043	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	120224	5.282	ug/L	99
30) Cyclohexane	4.680	56	112996	5.489	ug/L	95
31) Carbon tetrachloride	4.831	117	104085	5.356	ug/L	98
33) Benzene	5.101	78	299202	5.312	ug/L	100
34) Trichloroethene	5.915	95	77247	5.213	ug/L	98
35) Methylcyclohexane	6.133	83	125191	5.482	ug/L	95
37) 1,2-Dichloropropane	6.175	63	71768	5.244	ug/L	100
38) Bromodichloromethane	6.510	83	87898	5.181	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	91737	5.472	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	316572	55.683	ug/L	94
42) Toluene	7.387	91	322505	5.392	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	72077	5.391	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	44975	5.151	ug/L	99
47) Tetrachloroethene	7.976	164	60489	4.782	ug/L	98
48) 2-Hexanone	8.140	43	229632	57.273	ug/L	93
49) Dibromochloromethane	8.246	129	50315	5.222	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40906	5.310	ug/L	97
51) Chlorobenzene	8.879	112	198789	5.224	ug/L	98
52) Ethylbenzene	9.011	91	340084	5.488	ug/L	98
53) m,p-Xylene	9.137	106	134029	5.505	ug/L	97
54) o-Xylene	9.542	106	125474	5.433	ug/L	100
55) Styrene	9.561	104	213594	5.600	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46413	4.993	ug/L	97
59) Bromoform	9.731	173	22225	5.100	ug/L	95
60) Isopropylbenzene	9.931	105	338401	5.425	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	37217	5.018	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	142874	5.330	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	270702	5.526	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	153832	5.360	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	151586	5.173	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	135555	5.290	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6842	4.945	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	113250	5.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	86157	5.357	ug/L	97
71) Naphthalene	13.500	128	127239	5.572	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	72278	5.515	ug/L	98

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

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Response via : Initial Calibration

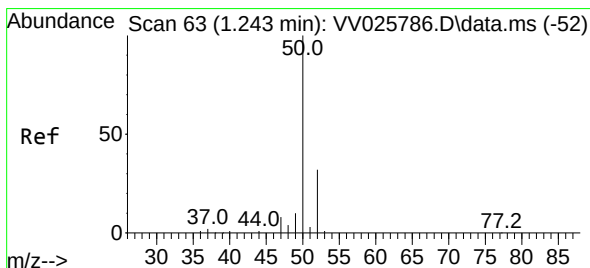
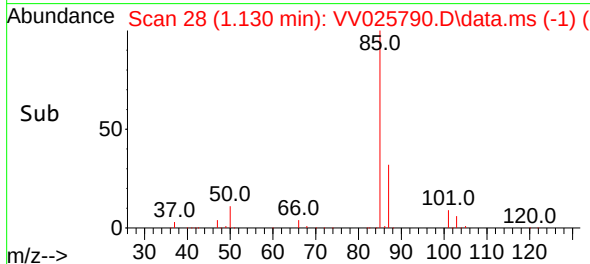
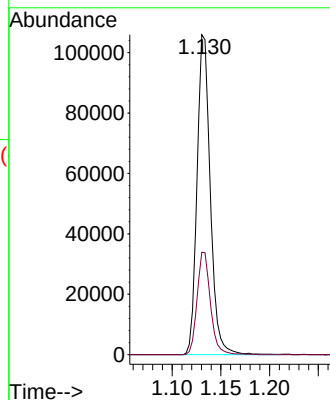
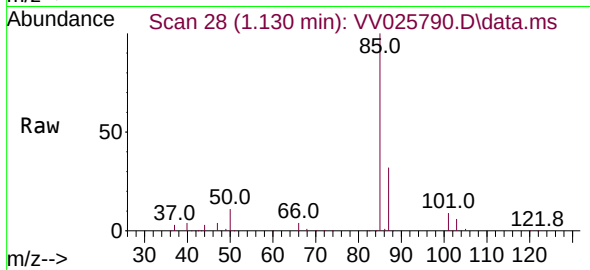




#2
 Dichlorodifluoromethane
 Concen: 5.094 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

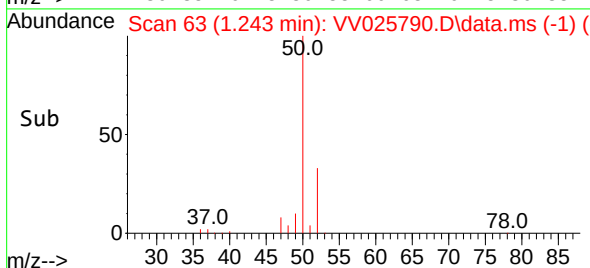
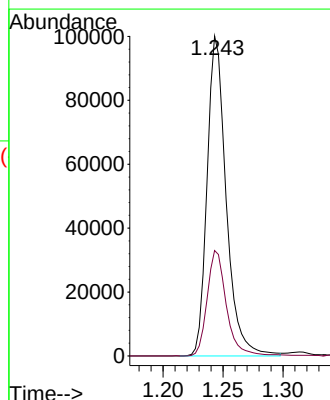
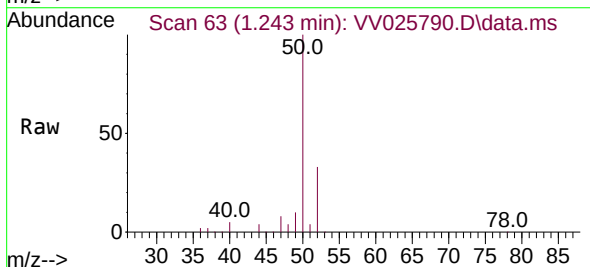
Instrument :
 MSVOA_V
 ClientSampleId :
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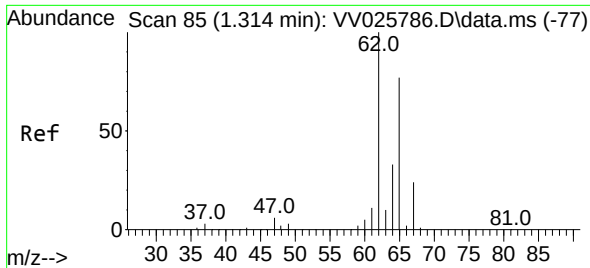
Tgt Ion: 85 Resp: 100508
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 4.838 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

Tgt Ion: 50 Resp: 111155
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

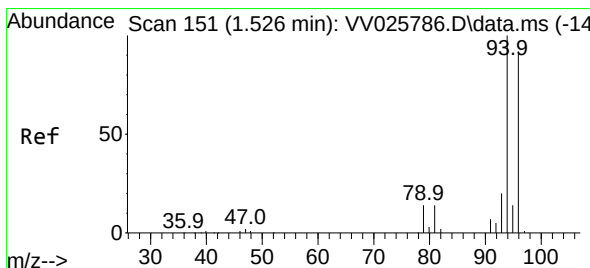
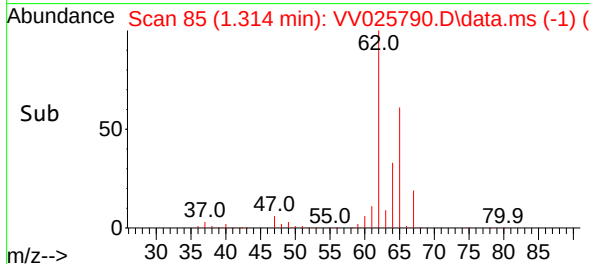
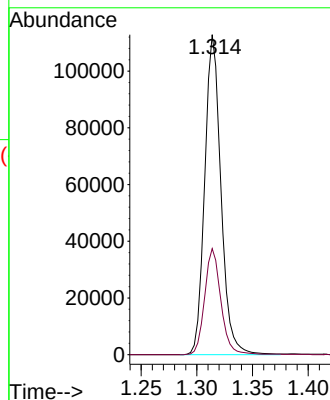
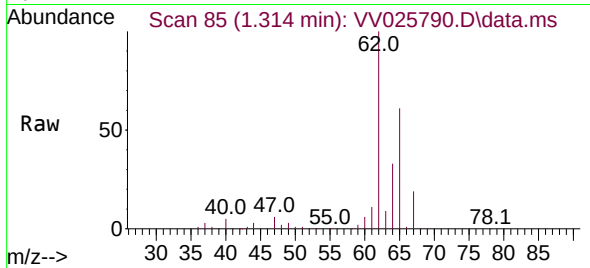




#5
 Vinyl chloride
 Concen: 4.990 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

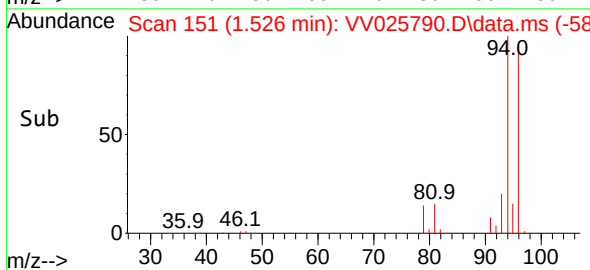
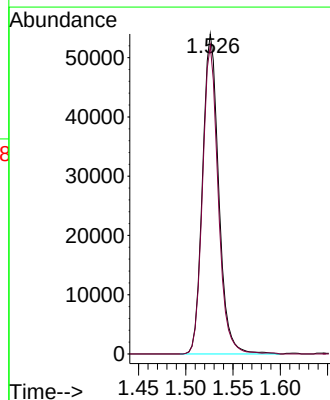
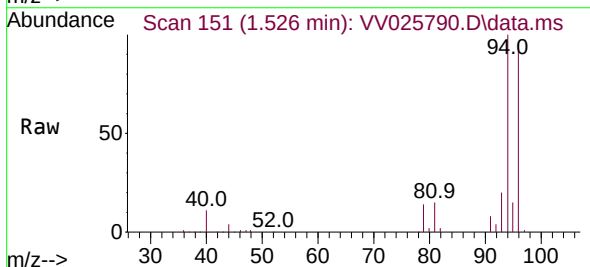
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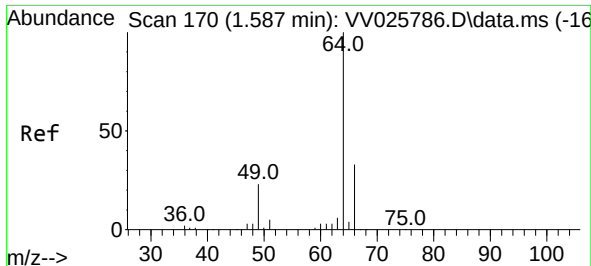
Tgt Ion: 62 Resp: 114435
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 5.135 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

Tgt Ion: 94 Resp: 64117
 Ion Ratio Lower Upper
 94 100
 96 96.4 66.1 122.7

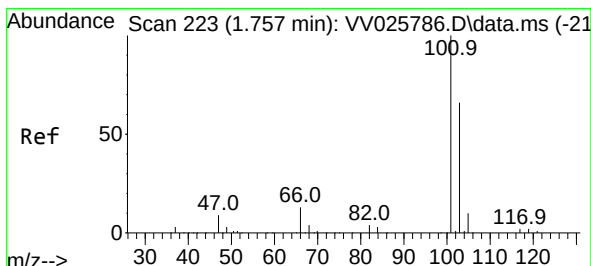
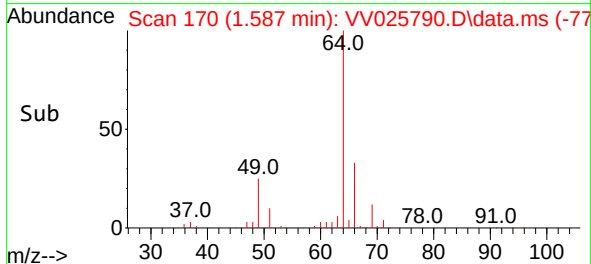
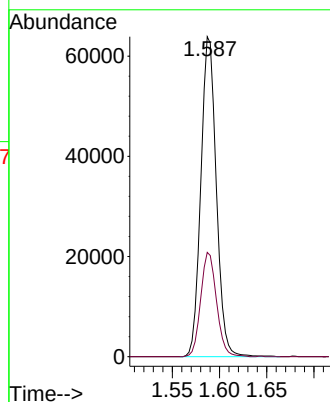
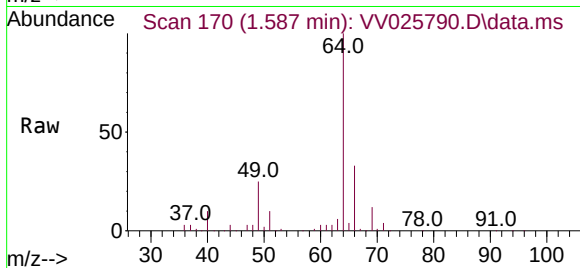




#8
Chloroethane
Concen: 4.923 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

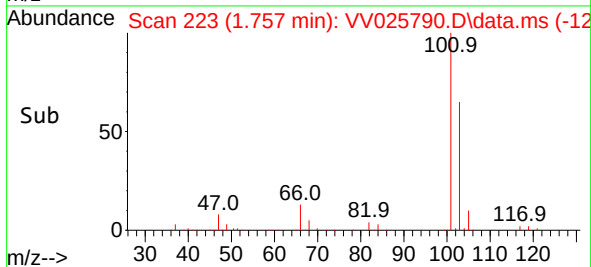
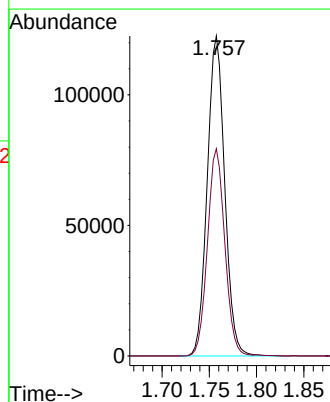
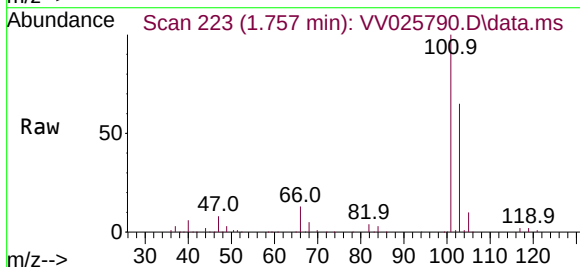
Instrument :
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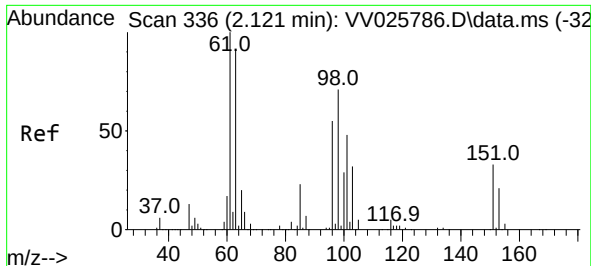
Tgt Ion: 64 Resp: 72641
Ion Ratio Lower Upper
64 100
66 32.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.042 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 101 Resp: 157348
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

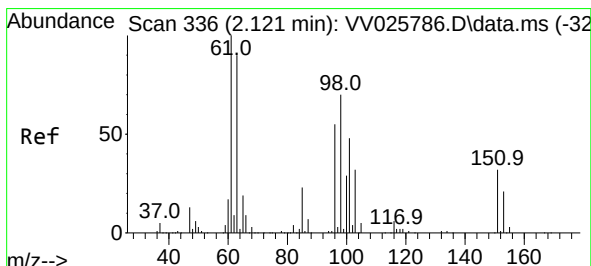
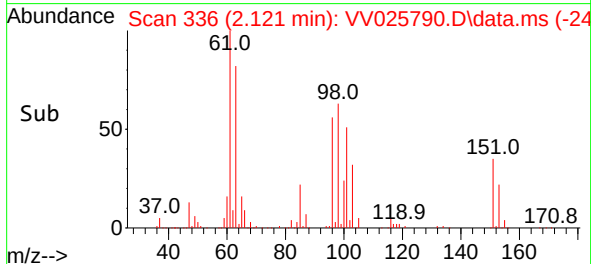
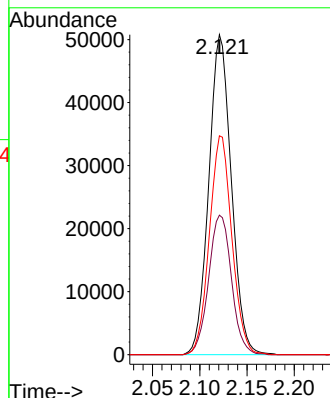
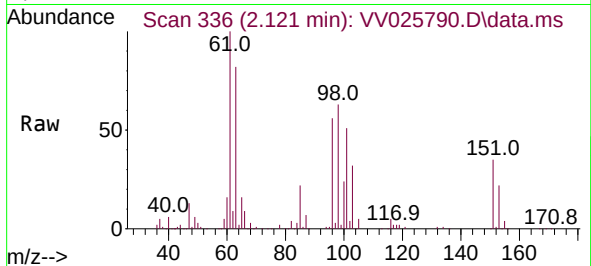




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.004 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

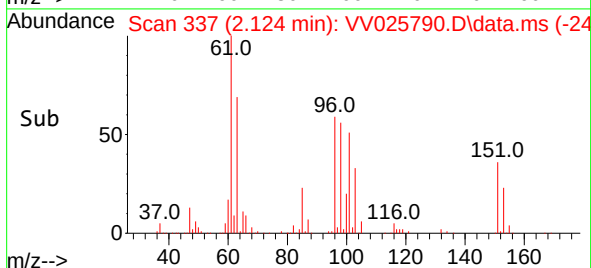
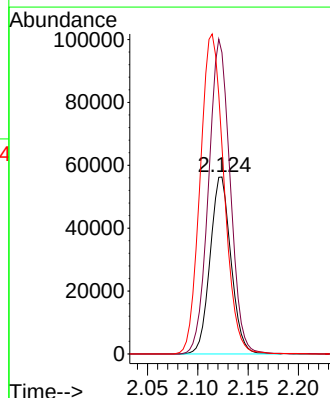
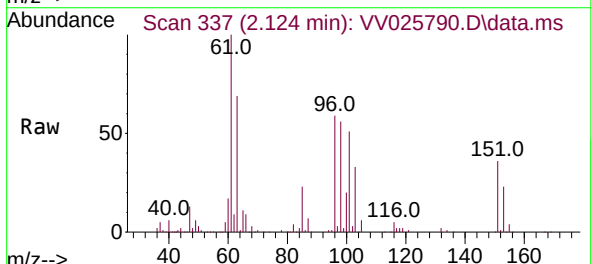
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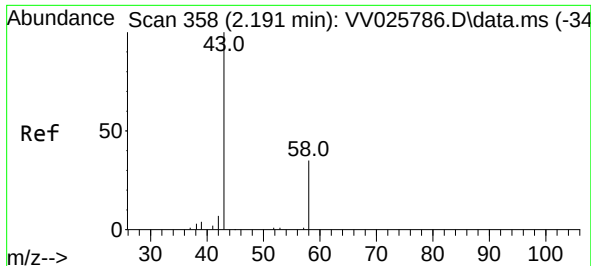
Tgt Ion:101 Resp: 84229
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.9 53.9
 151 68.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.026 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

Tgt Ion: 96 Resp: 81185
 Ion Ratio Lower Upper
 96 100
 61 170.3 125.2 232.4
 63 117.6 114.4 212.4





#13

Acetone

Concen: 48.476 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

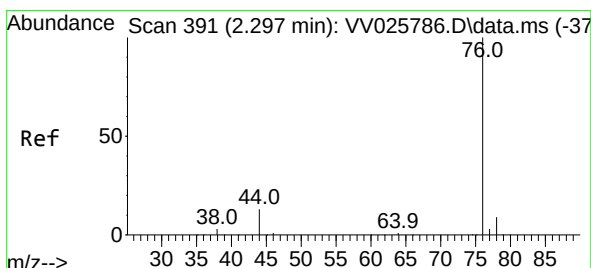
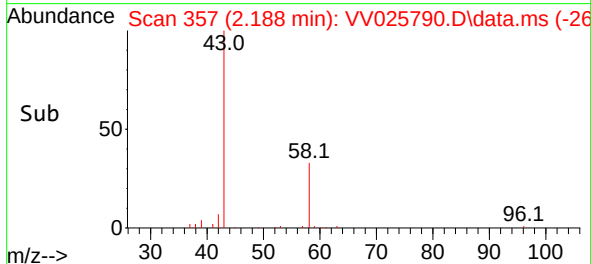
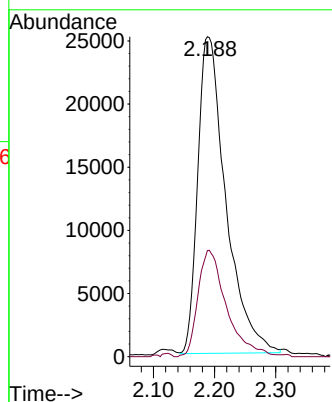
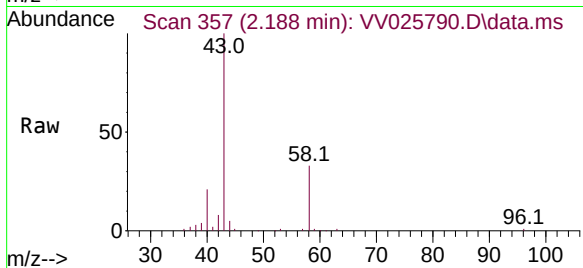
VSTD005282

Tgt Ion: 43 Resp: 80205

Ion Ratio Lower Upper

43 100

58 34.1 0.0 72.2



#14

Carbon disulfide

Concen: 5.192 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025790.D

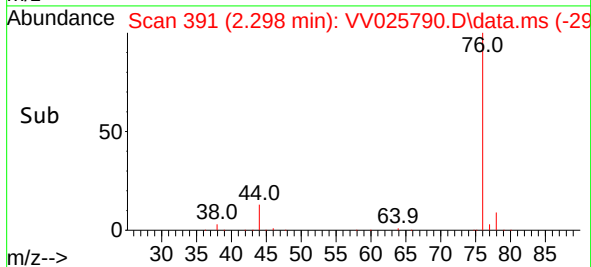
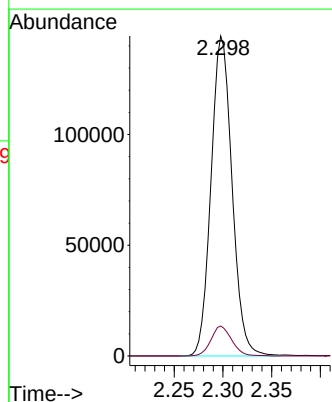
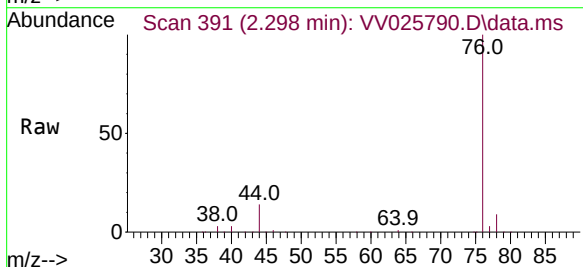
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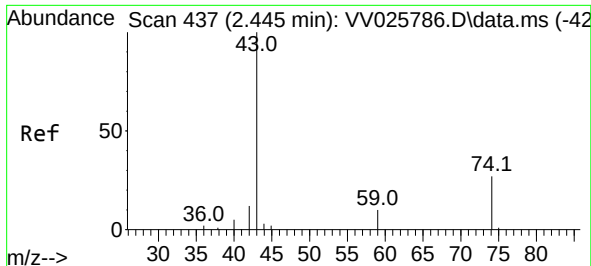
Tgt Ion: 76 Resp: 216846

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

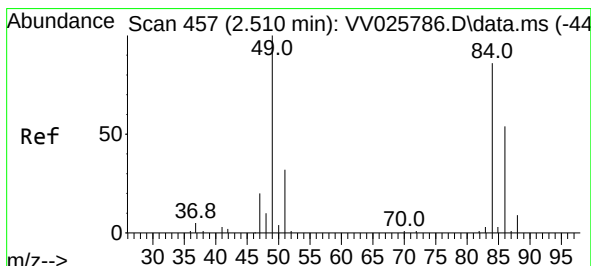
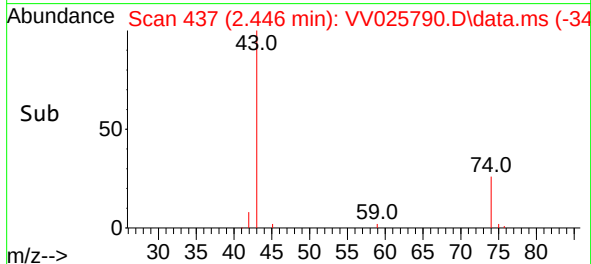
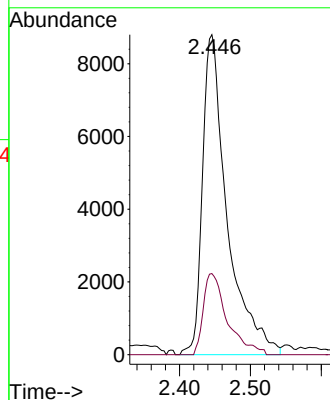
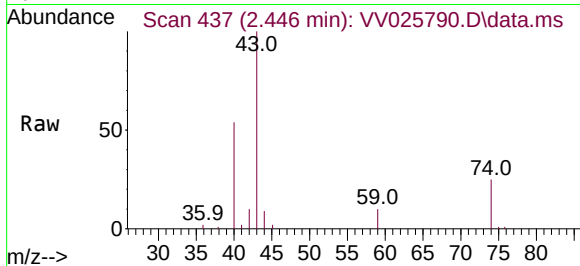




#15
Methyl Acetate
Concen: 5.382 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

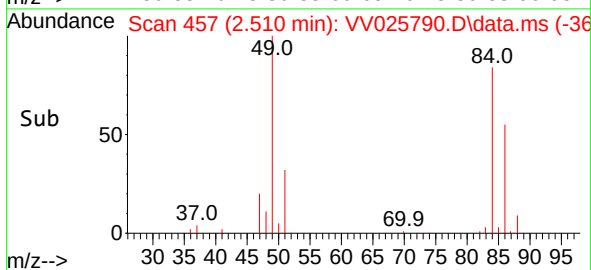
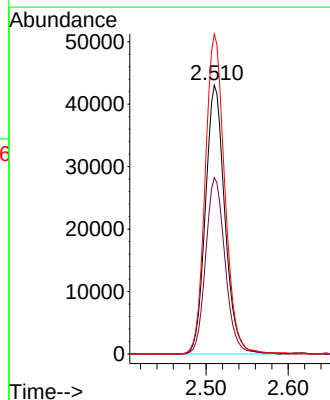
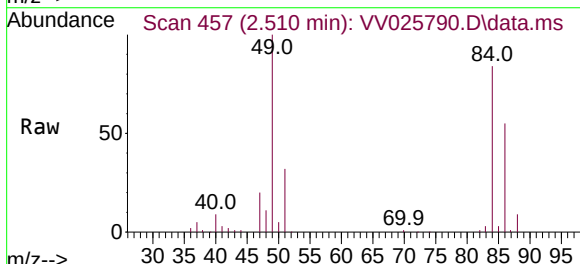
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

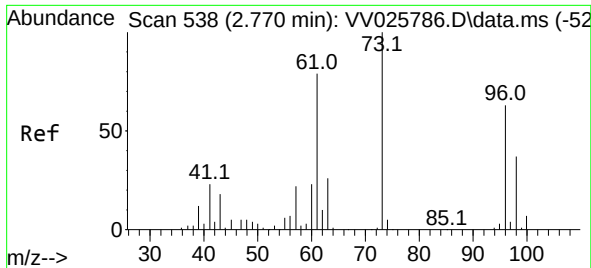
Tgt Ion: 43 Resp: 21316
Ion Ratio Lower Upper
43 100
74 24.5 25.2 37.8#



#16
Methylene chloride
Concen: 4.510 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 84 Resp: 70663
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 119.0 76.6 142.3

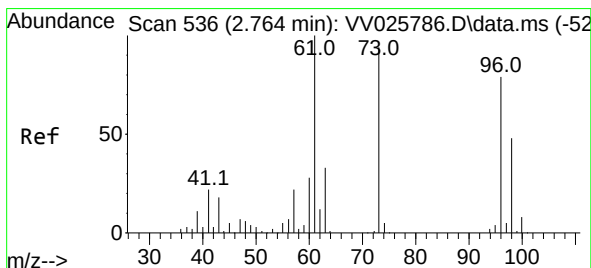
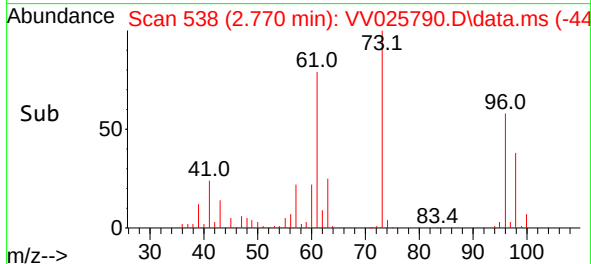
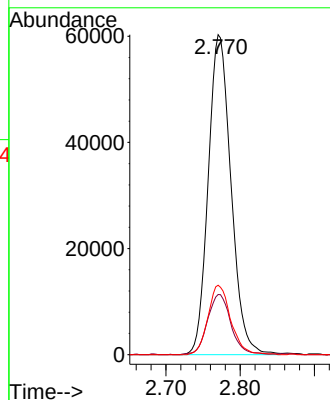
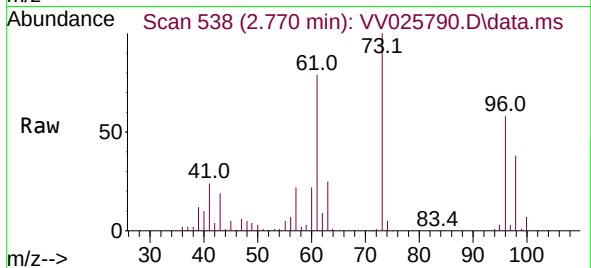




#17
Methyl tert-butyl Ether
Concen: 5.236 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

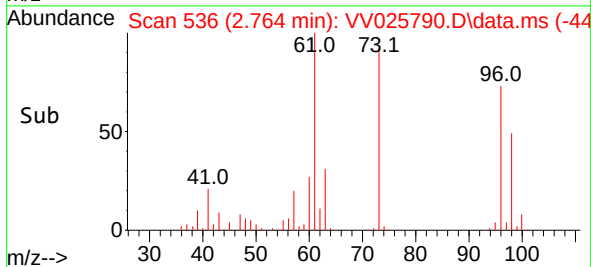
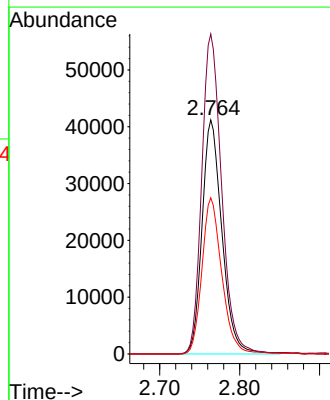
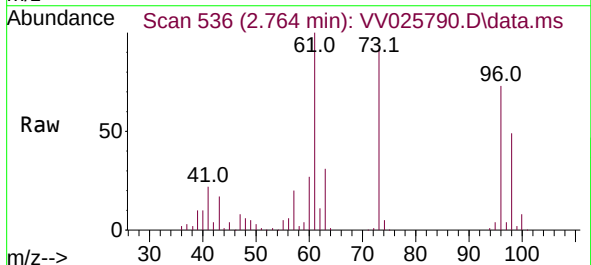
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

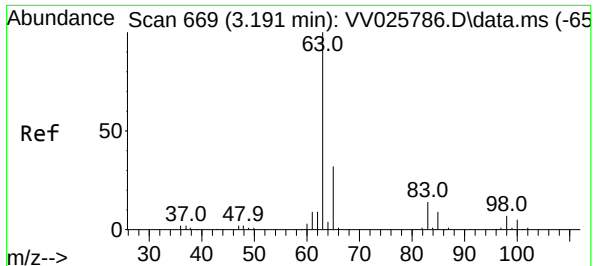
Tgt Ion: 73 Resp: 128578
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.4
57 21.7 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.014 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 96 Resp: 71338
Ion Ratio Lower Upper
96 100
61 136.7 92.1 171.1
98 66.7 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.188 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005282

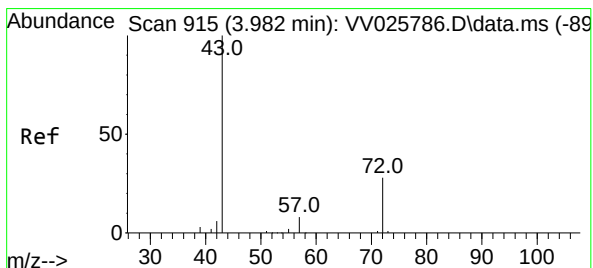
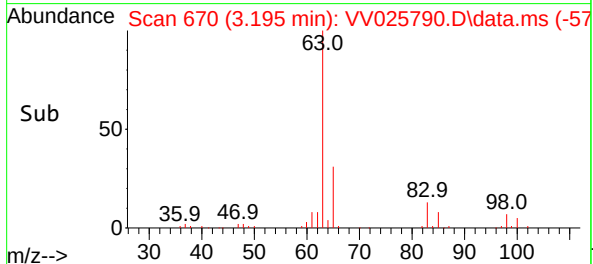
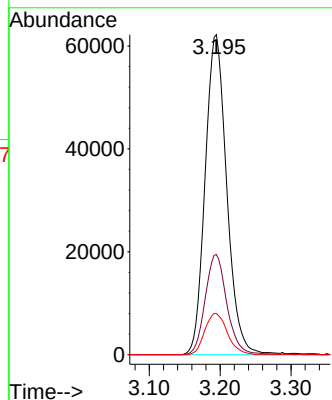
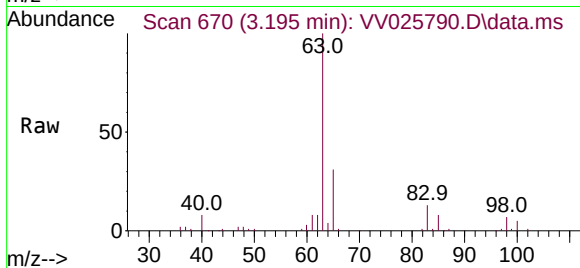
Tgt Ion: 63 Resp: 131666

Ion Ratio Lower Upper

63 100

65 31.3 23.2 43.0

83 12.8 9.0 16.8



#21

2-Butanone

Concen: 54.413 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV025790.D

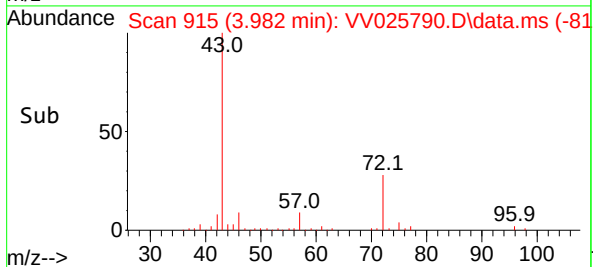
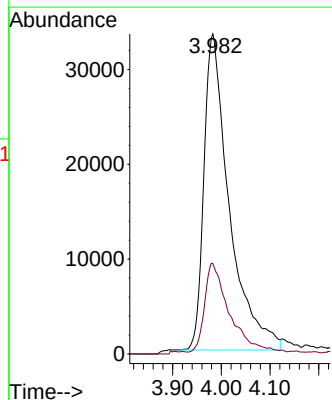
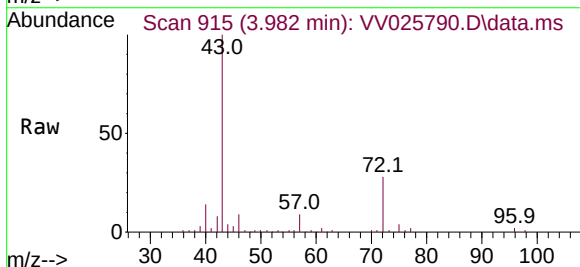
Acq: 03 May 2022 14:06

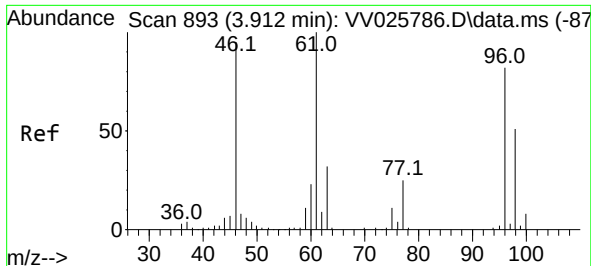
Tgt Ion: 43 Resp: 120461

Ion Ratio Lower Upper

43 100

72 26.7 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.165 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005282

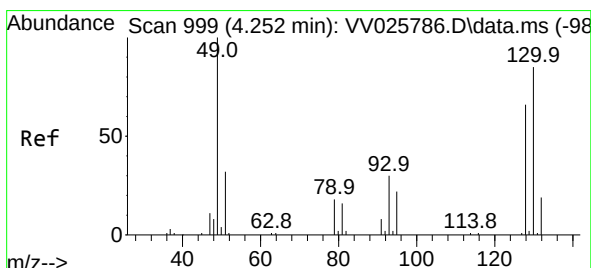
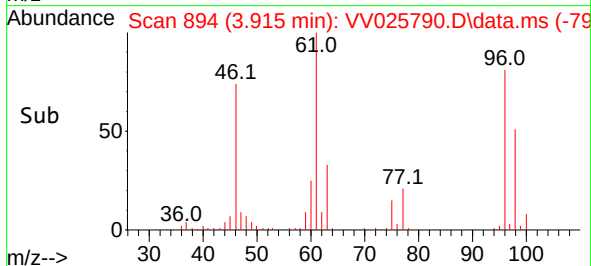
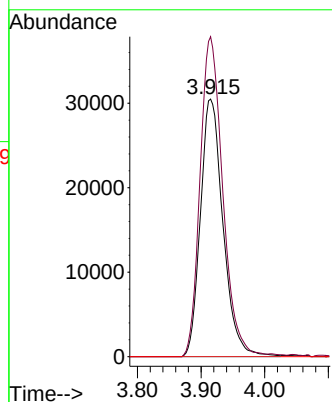
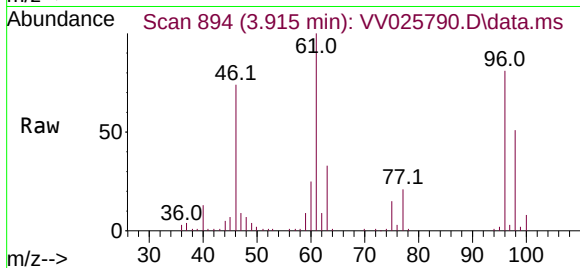
Tgt Ion: 96 Resp: 75224

Ion Ratio Lower Upper

96 100

61 124.2 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.084 ug/L

RT: 4.253 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Tgt Ion: 128 Resp: 30281

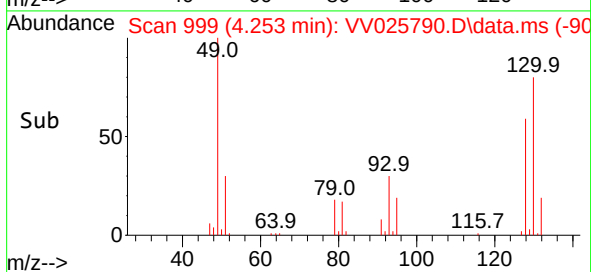
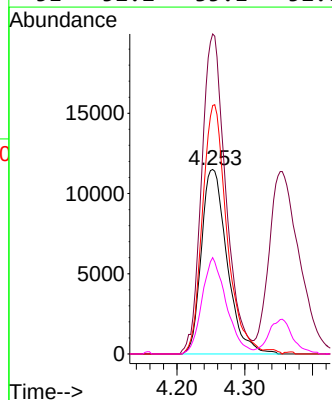
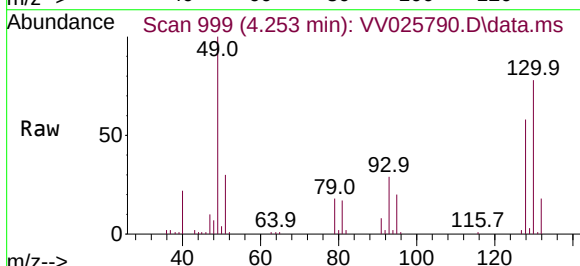
Ion Ratio Lower Upper

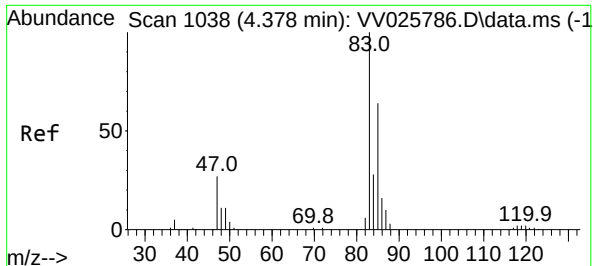
128 100

49 173.4 100.5 186.7

130 134.6 87.8 163.0

51 52.2 35.1 52.7





#25

Chloroform

Concen: 5.082 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

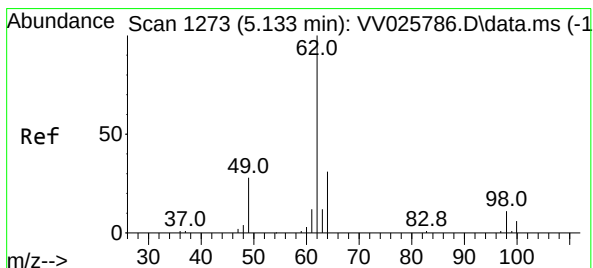
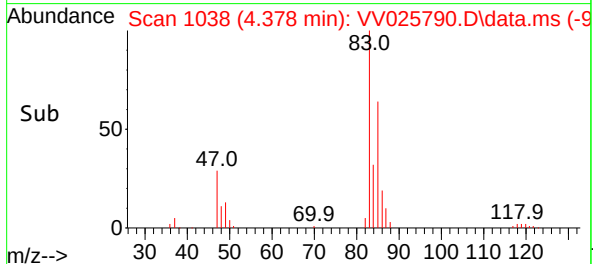
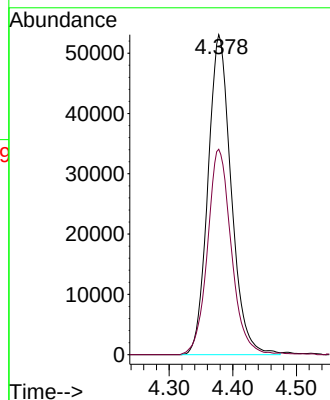
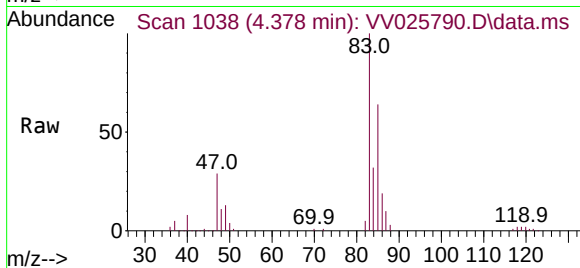
VSTD005282

Tgt Ion: 83 Resp: 134643

Ion Ratio Lower Upper

83 100

85 64.2 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.043 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025790.D

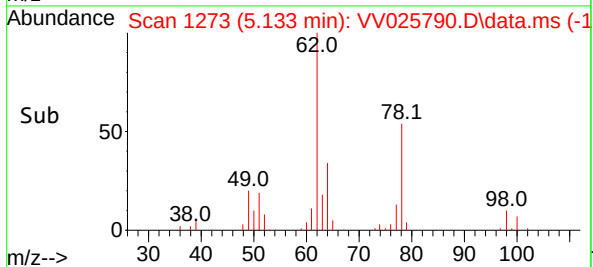
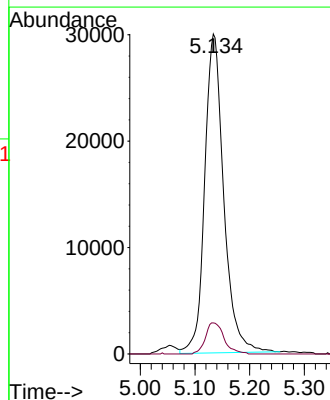
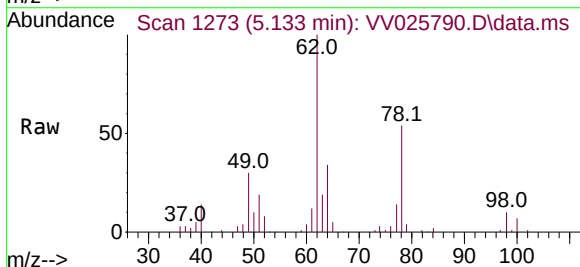
Acq: 03 May 2022 14:06

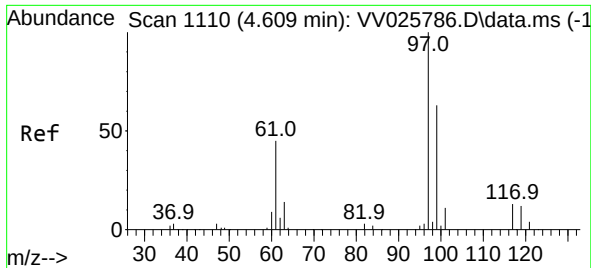
Tgt Ion: 62 Resp: 72427

Ion Ratio Lower Upper

62 100

98 9.7 8.8 13.2



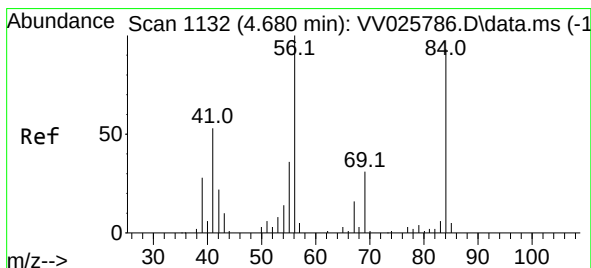
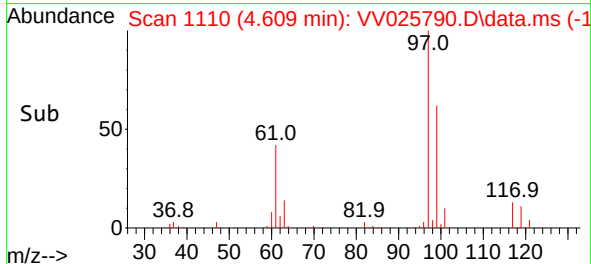
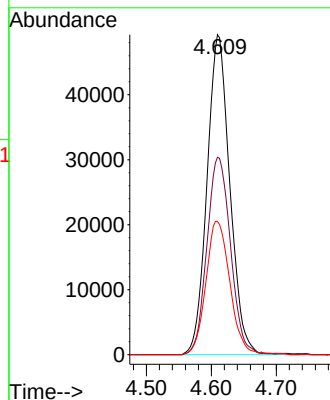
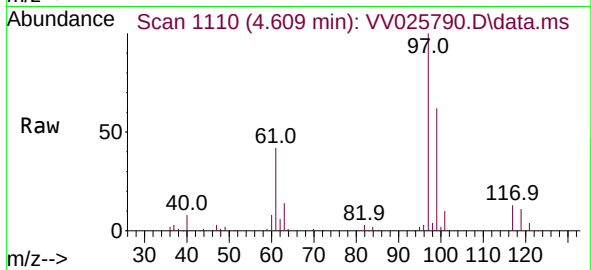


#29
1,1,1-Trichloroethane
Concen: 5.282 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

Tgt Ion: 97 Resp: 120224

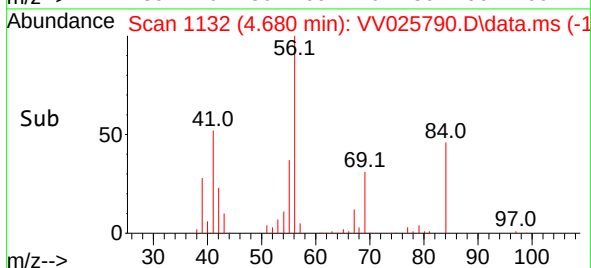
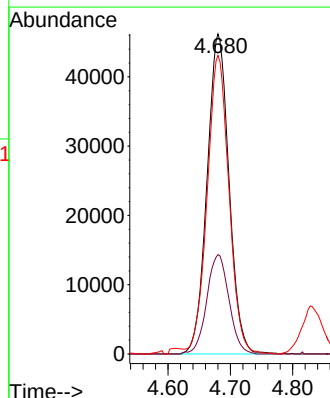
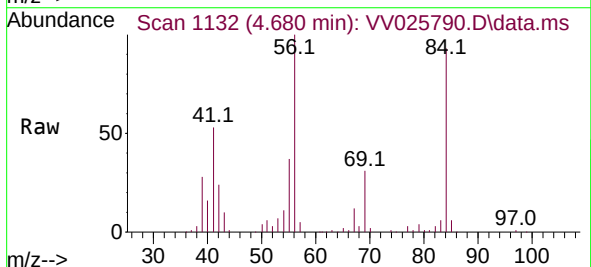
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	43.9	34.3	51.5

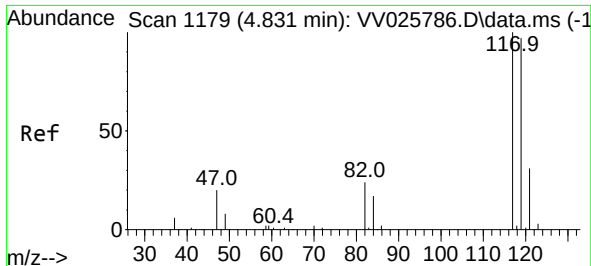


#30
Cyclohexane
Concen: 5.489 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 56 Resp: 112996

Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.1	39.1
84	92.8	78.6	118.0

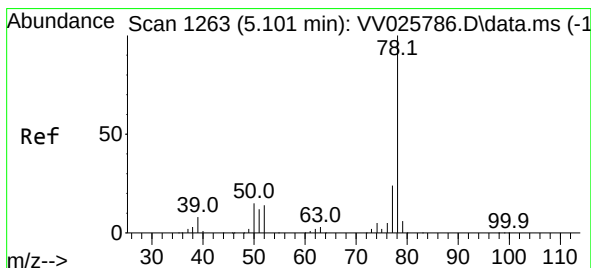
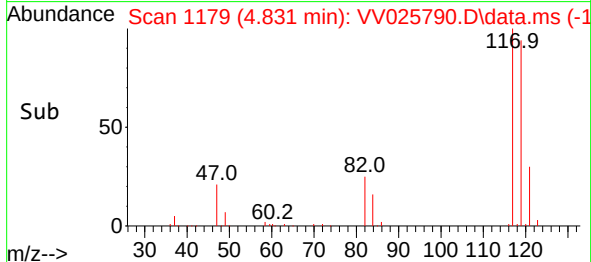
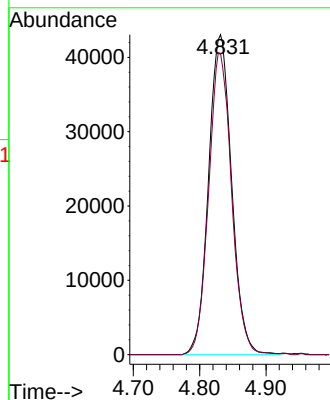
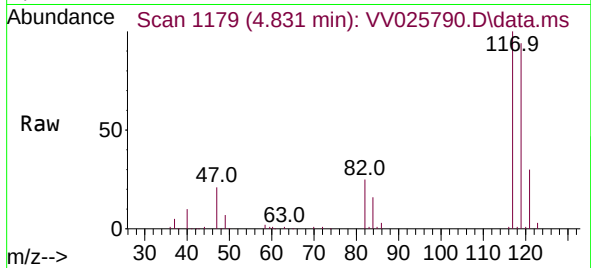




#31
Carbon tetrachloride
Concen: 5.356 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

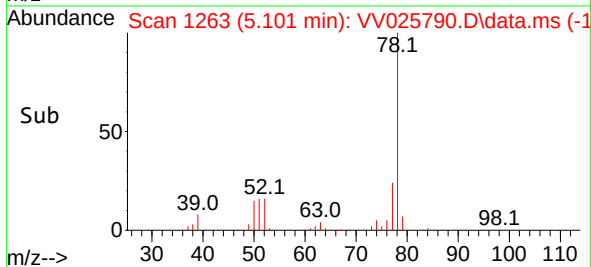
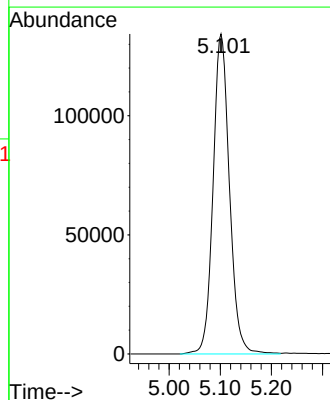
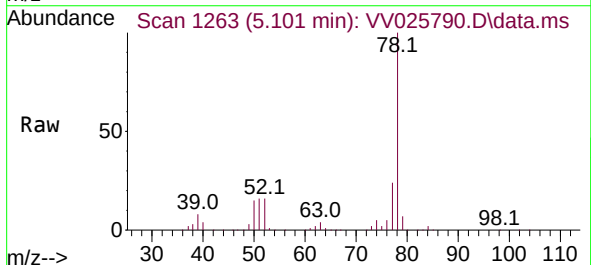
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

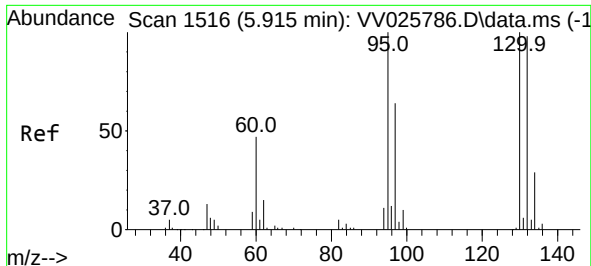
Tgt Ion:117 Resp: 104085
Ion Ratio Lower Upper
117 100
119 93.5 76.6 114.8



#33
Benzene
Concen: 5.312 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 78 Resp: 299202

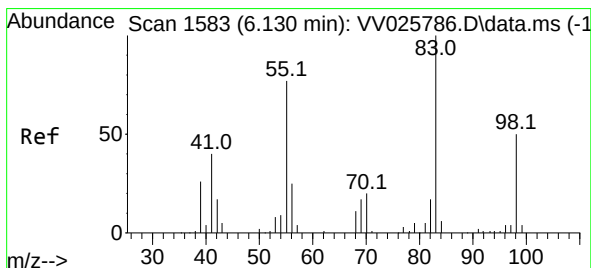
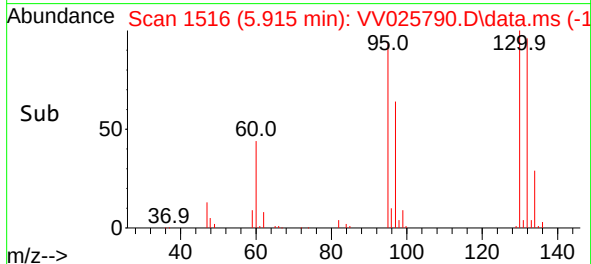
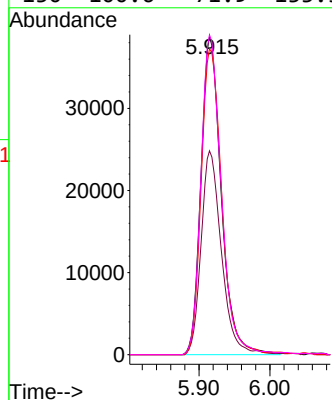
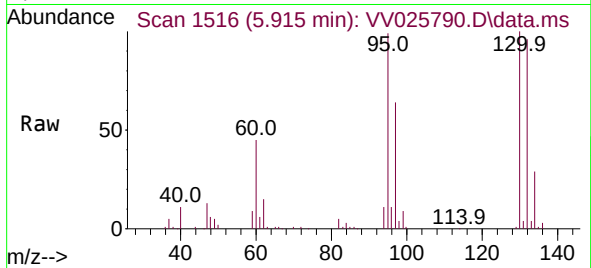




#34
Trichloroethene
Concen: 5.213 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

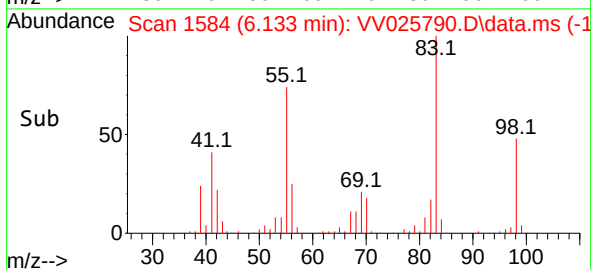
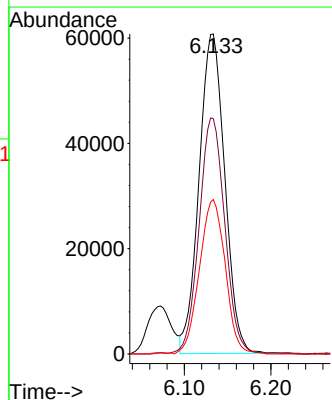
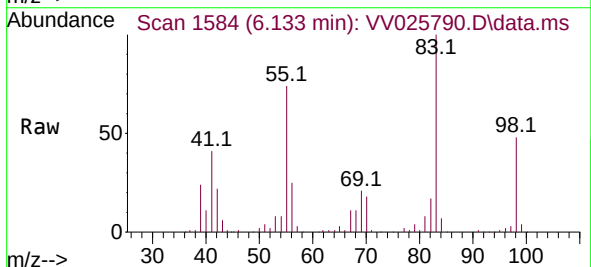
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

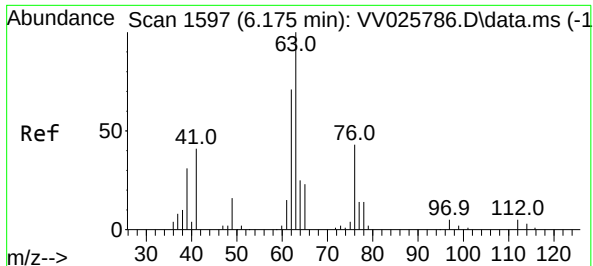
Tgt Ion: 95 Resp: 77247
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.2
132 96.3 68.0 126.4
130 100.6 71.9 133.5



#35
Methylcyclohexane
Concen: 5.482 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 83 Resp: 125191
Ion Ratio Lower Upper
83 100
55 73.2 53.7 80.5
98 48.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.244 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

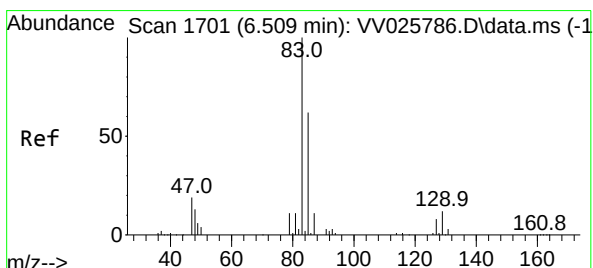
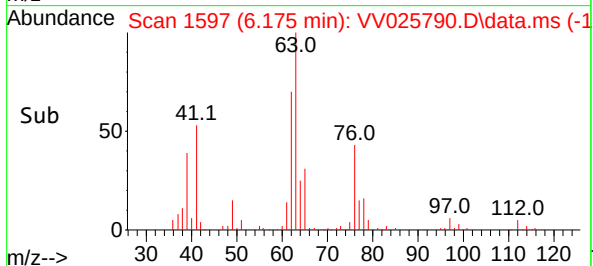
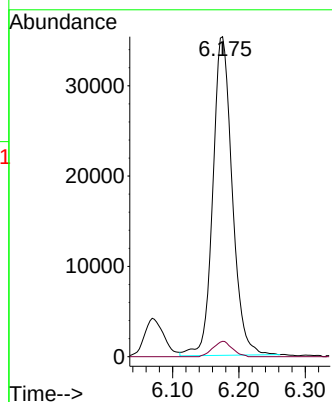
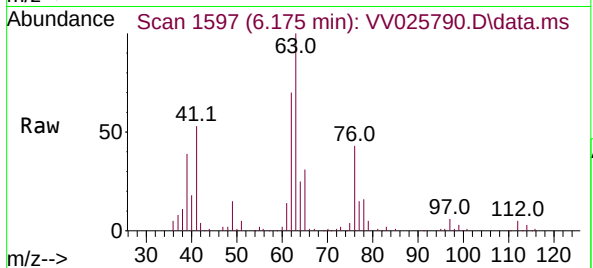
VSTD005282

Tgt Ion: 63 Resp: 71768

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 5.181 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

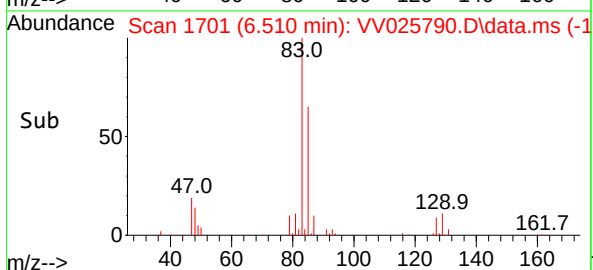
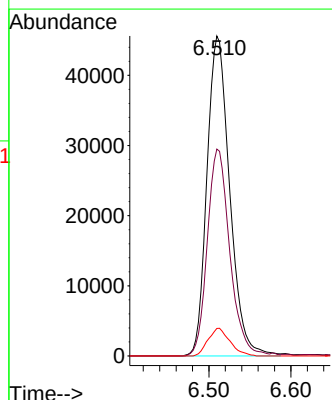
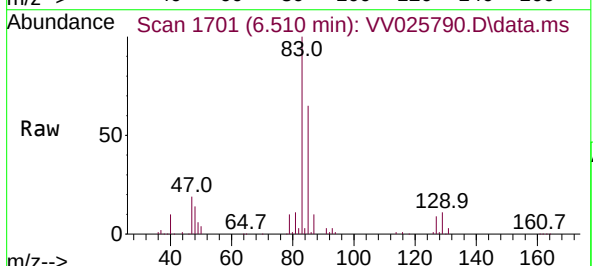
Tgt Ion: 83 Resp: 87898

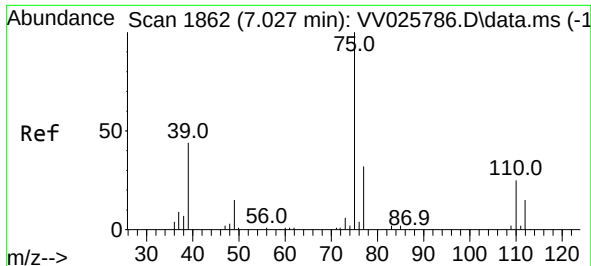
Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.472 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

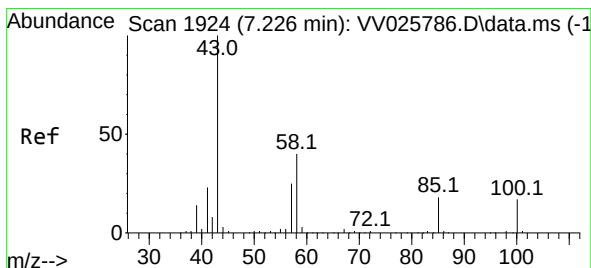
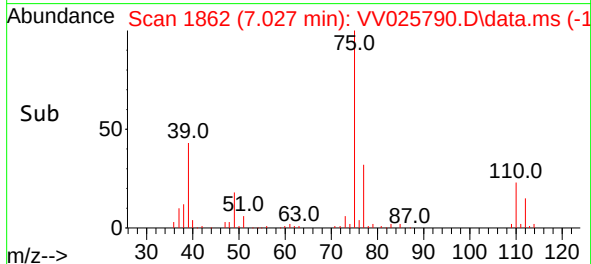
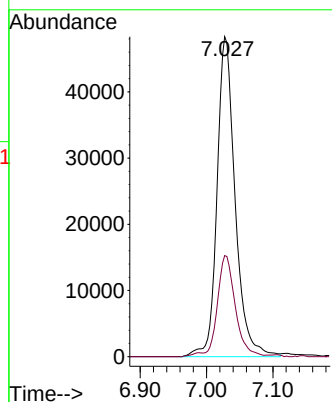
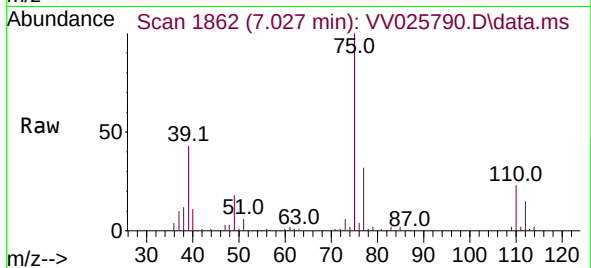
VSTD005282

Tgt Ion: 75 Resp: 91737

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.683 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

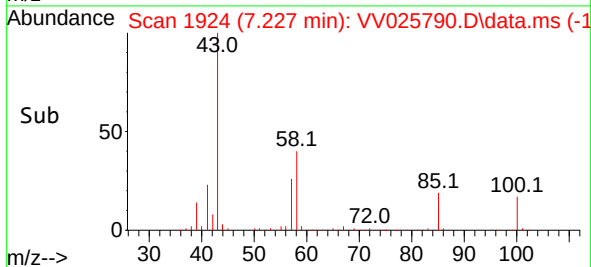
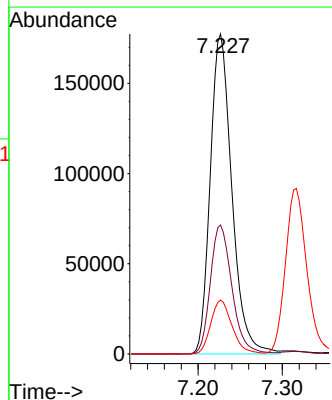
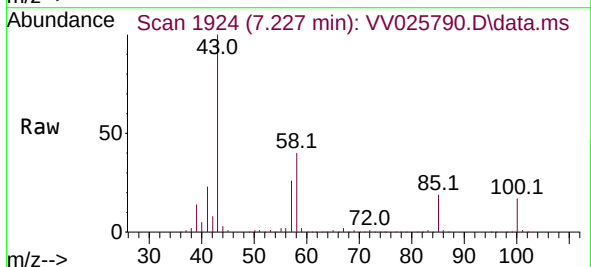
Tgt Ion: 43 Resp: 316572

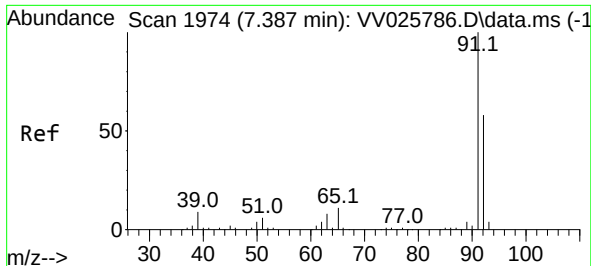
Ion Ratio Lower Upper

43 100

58 40.2 35.1 52.7

100 16.6 15.3 22.9





#42

Toluene

Concen: 5.392 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

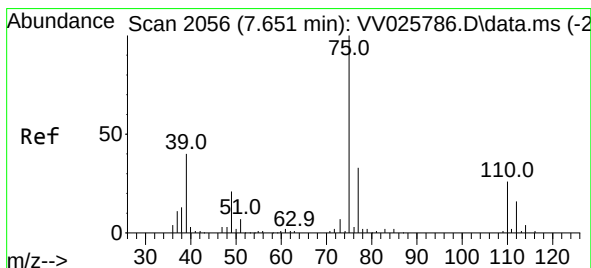
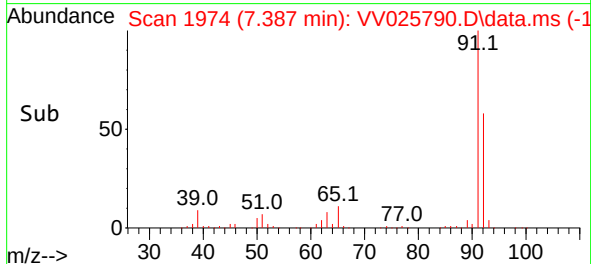
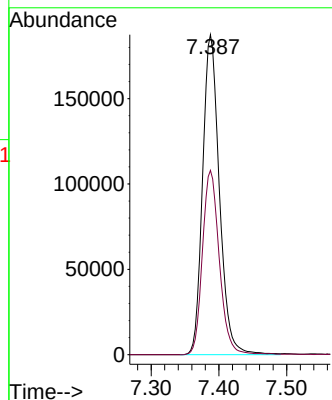
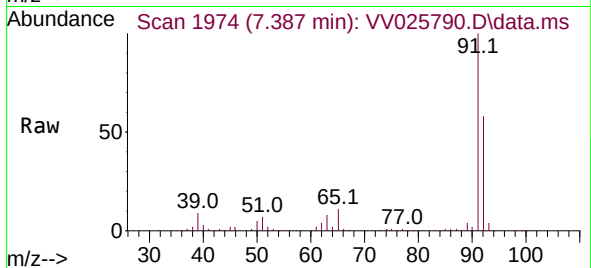
VSTD005282

Tgt Ion: 91 Resp: 322505

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.391 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025790.D

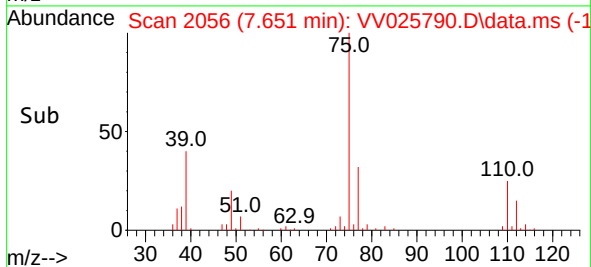
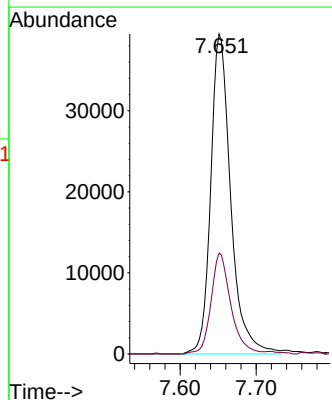
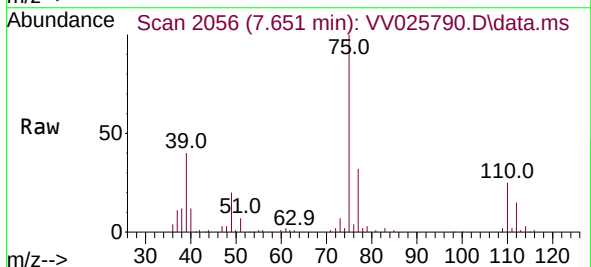
Acq: 03 May 2022 14:06

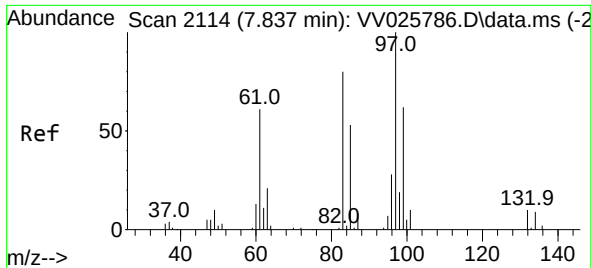
Tgt Ion: 75 Resp: 72077

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

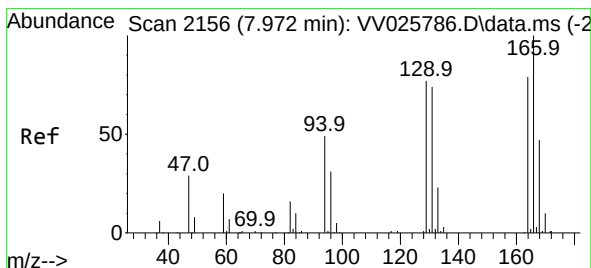
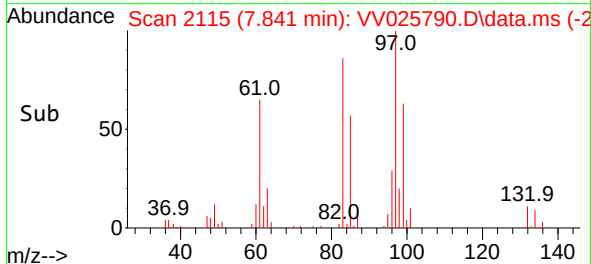
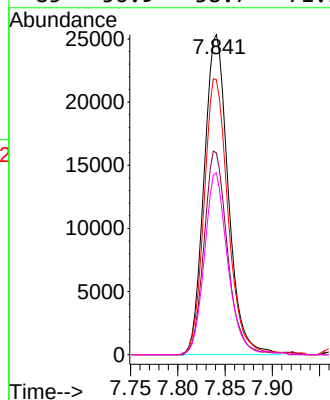
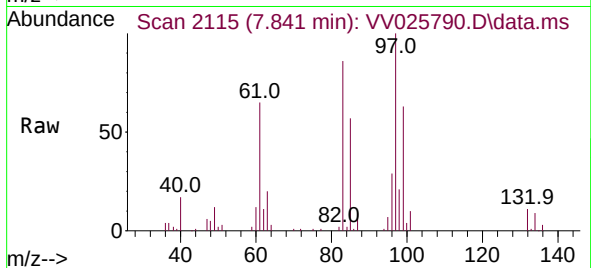




#45
 1,1,2-Trichloroethane
 Concen: 5.151 ug/L
 RT: 7.841 min Scan# 2114
 Delta R.T. 0.006 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

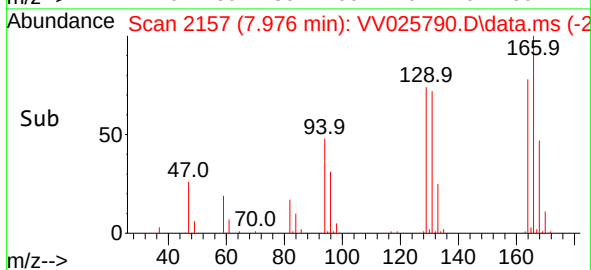
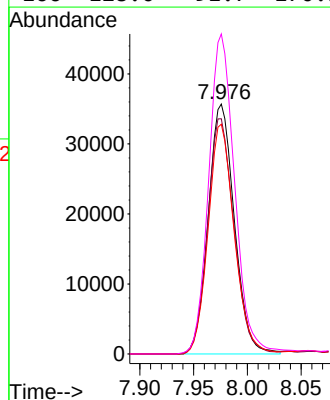
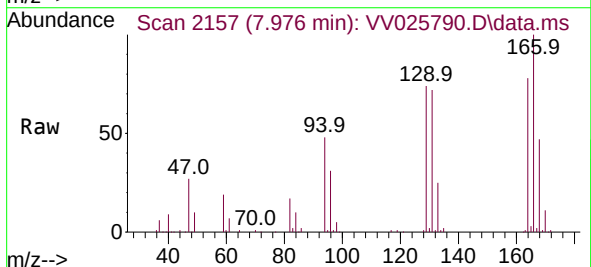
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

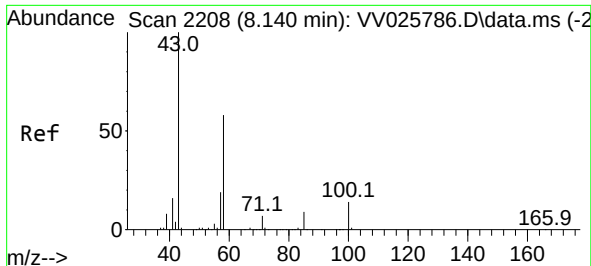
Tgt Ion:	97	Resp:	44975
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	85.9	60.3	112.1
85	56.9	38.7	71.9



#47
 Tetrachloroethene
 Concen: 4.782 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025790.D
 Acq: 03 May 2022 14:06

Tgt Ion:	164	Resp:	60489
Ion	Ratio	Lower	Upper
164	100		
129	94.1	66.8	124.2
131	91.9	66.4	123.4
166	128.0	91.7	170.3



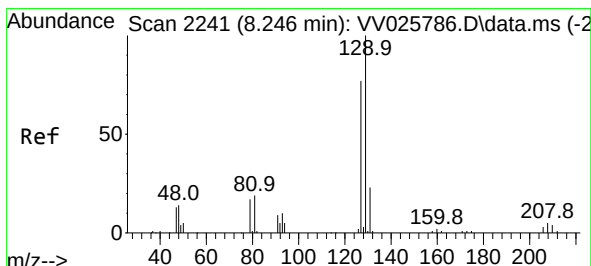
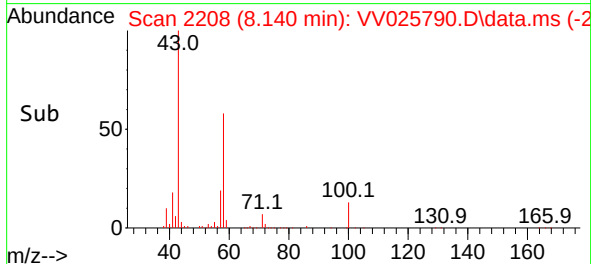
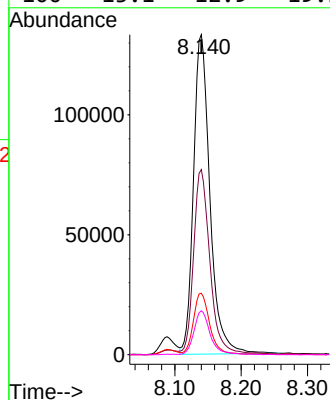
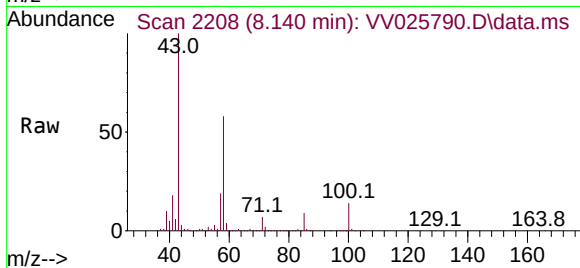


#48
2-Hexanone
Concen: 57.273 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

Tgt Ion: 43 Resp: 229632

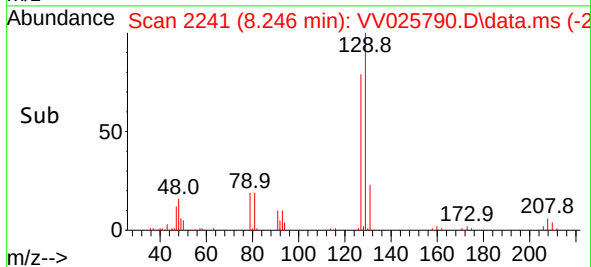
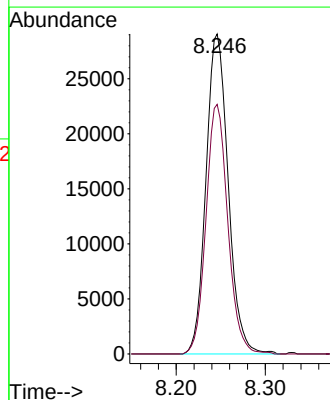
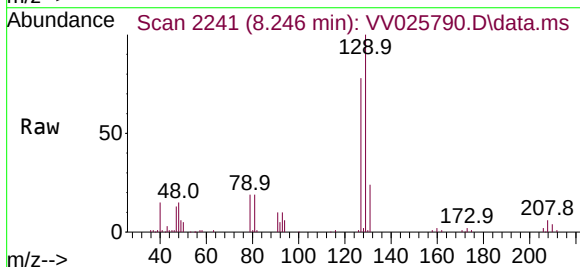
Ion	Ratio	Lower	Upper
43	100		
58	56.3	49.7	74.5
57	18.7	16.4	24.6
100	13.1	12.9	19.3

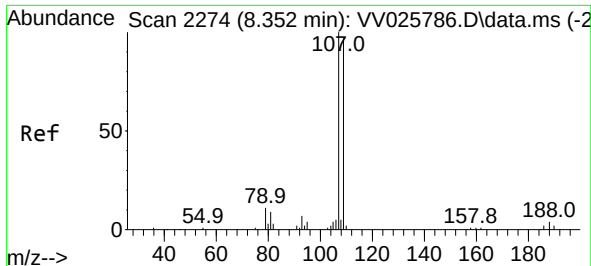


#49
Dibromochloromethane
Concen: 5.222 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 129 Resp: 50315

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.310 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

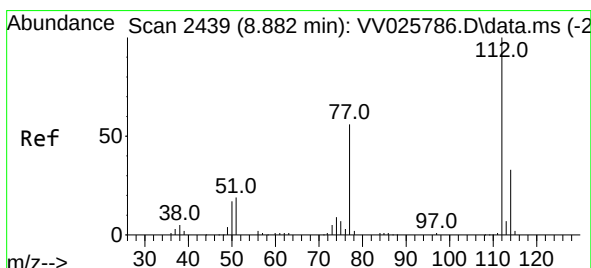
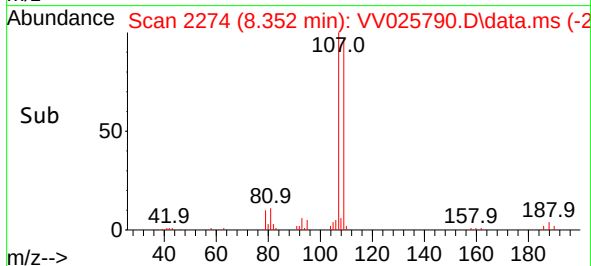
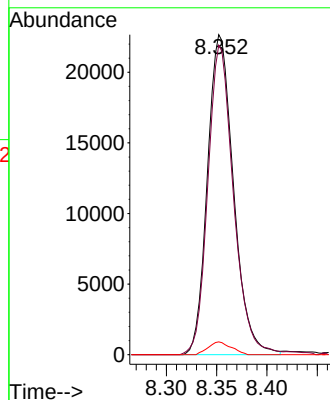
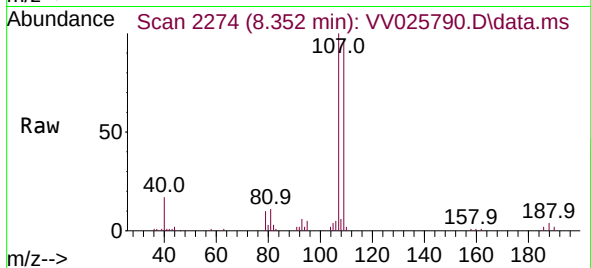
Instrument :

MSVOA_V

ClientSampleId :

VSTD005282

Tgt Ion:	107	Resp:	40906
Ion	Ratio	Lower	Upper
107	100		
109	96.7	65.9	122.3
188	4.0	2.7	4.1



#51

Chlorobenzene

Concen: 5.224 ug/L

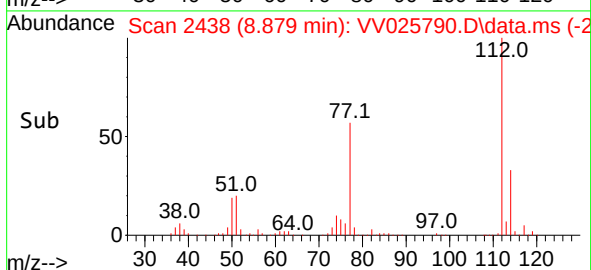
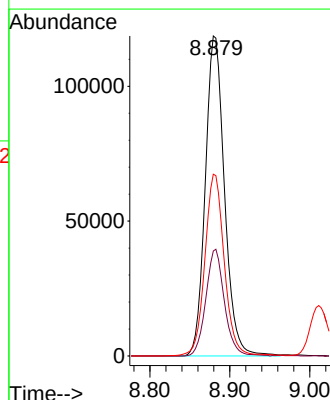
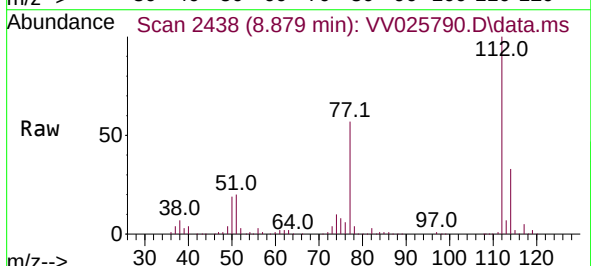
RT: 8.879 min Scan# 2438

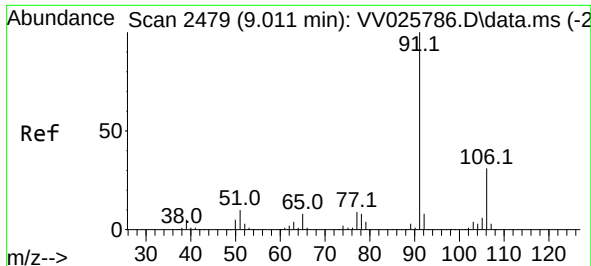
Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Tgt Ion:	112	Resp:	198789
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.4	41.6
77	56.8	43.7	65.5

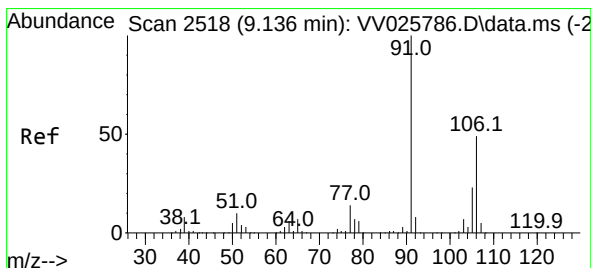
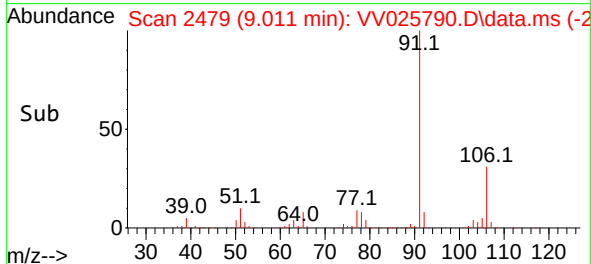
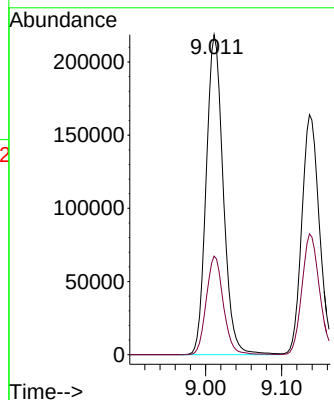
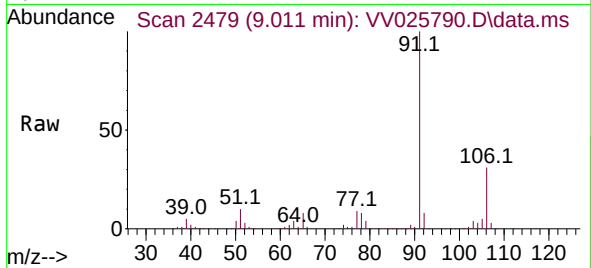




#52
Ethylbenzene
Concen: 5.488 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

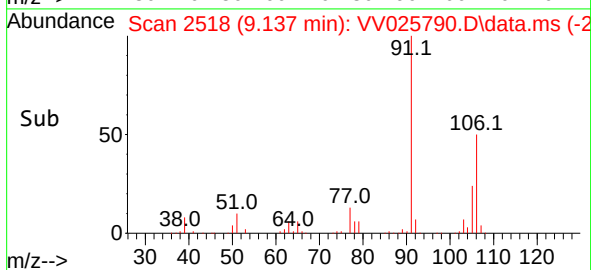
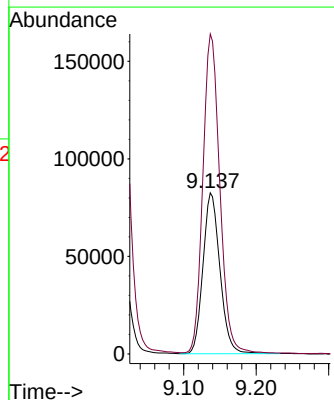
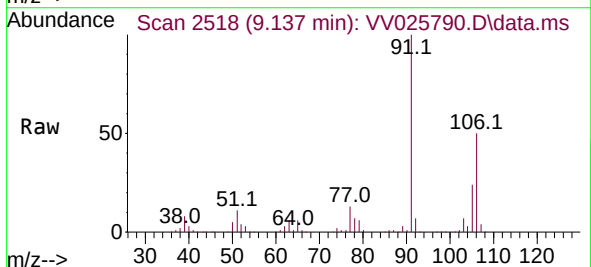
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

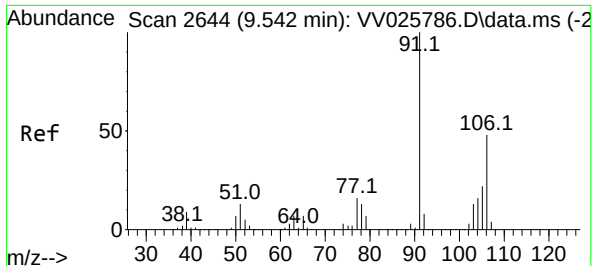
Tgt Ion: 91 Resp: 340084
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 5.505 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 106 Resp: 134029
Ion Ratio Lower Upper
106 100
91 198.7 136.4 253.4

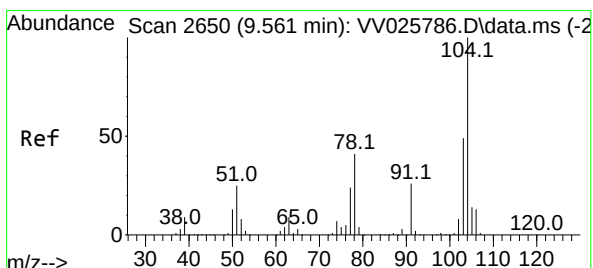
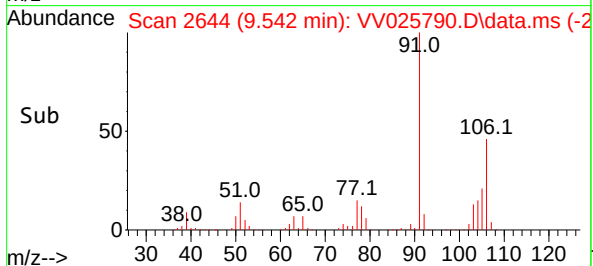
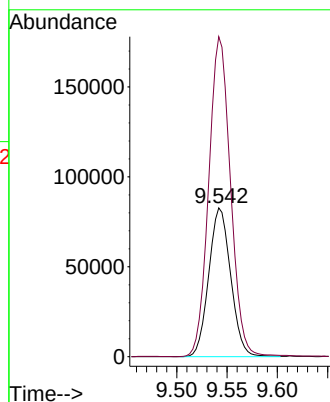
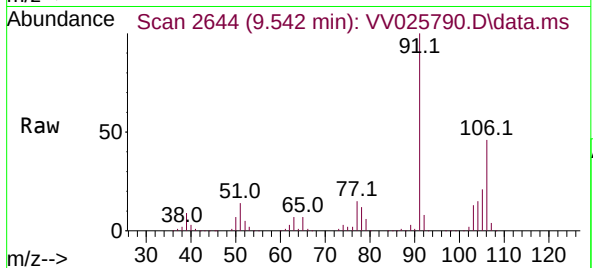




#54
o-Xylene
Concen: 5.433 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

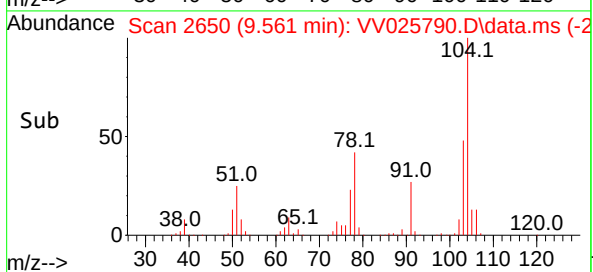
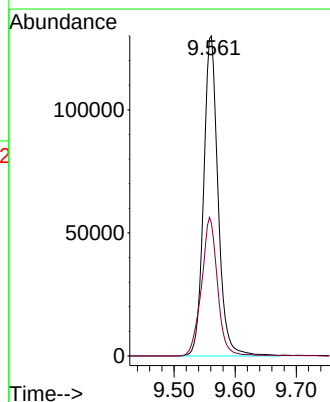
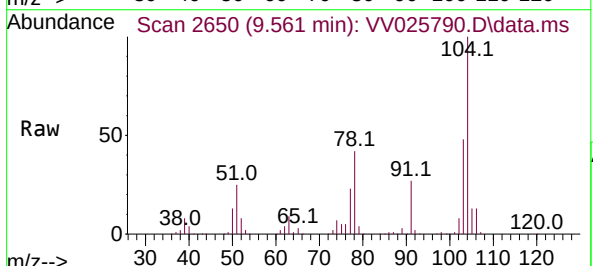
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

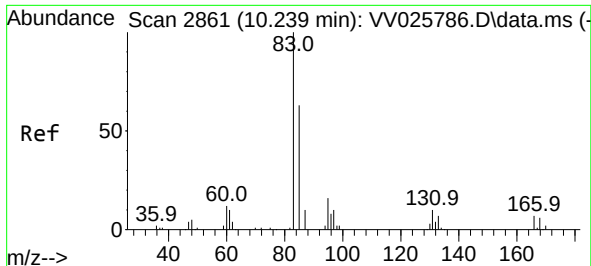
Tgt Ion:106 Resp: 125474
Ion Ratio Lower Upper
106 100
91 215.1 150.4 279.2



#55
Styrene
Concen: 5.600 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion:104 Resp: 213594
Ion Ratio Lower Upper
104 100
78 41.5 28.3 52.7

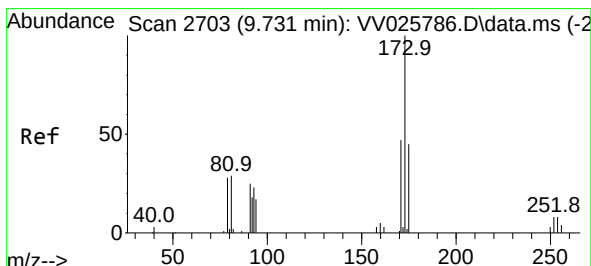
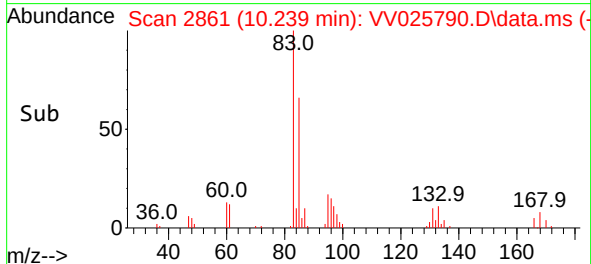
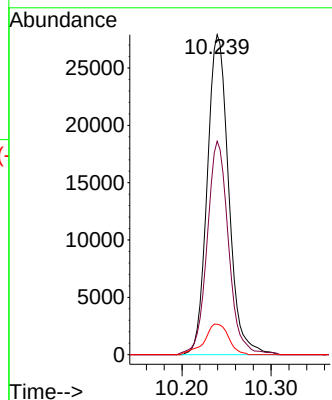
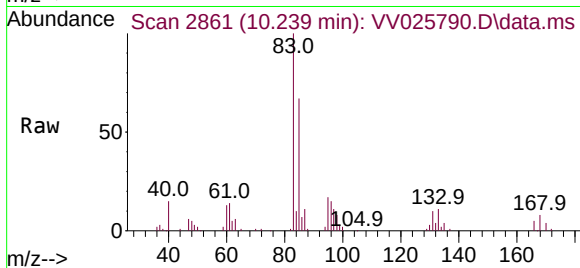




#57
1,1,2,2-Tetrachloroethane
Concen: 4.993 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

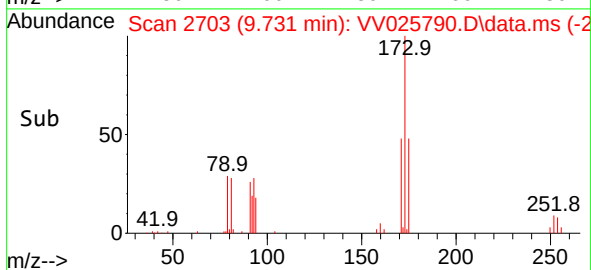
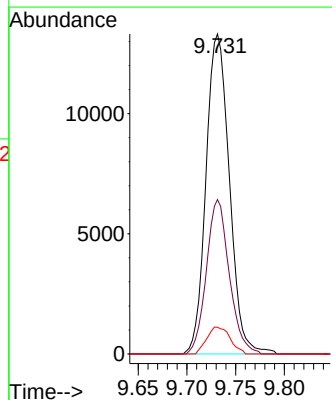
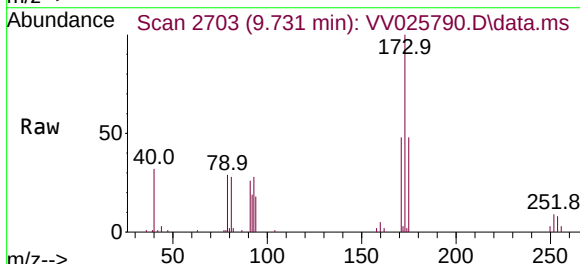
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

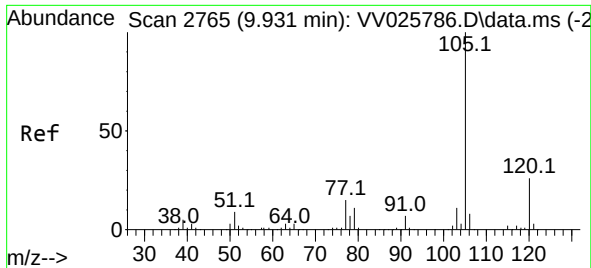
Tgt Ion:	83	Resp:	46413
Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.1	83.9
131	9.5	7.9	11.9



#59
Bromoform
Concen: 5.100 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion:	173	Resp:	22225
Ion	Ratio	Lower	Upper
173	100		
175	47.1	40.8	61.2
254	8.3	7.0	10.6

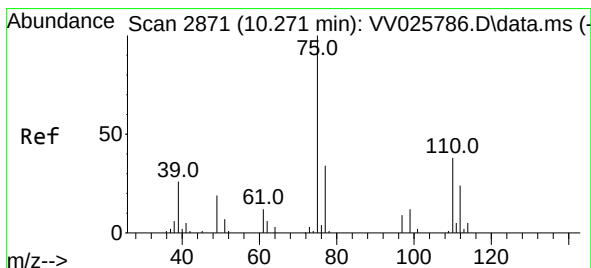
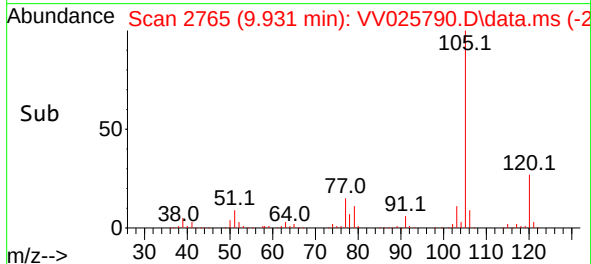
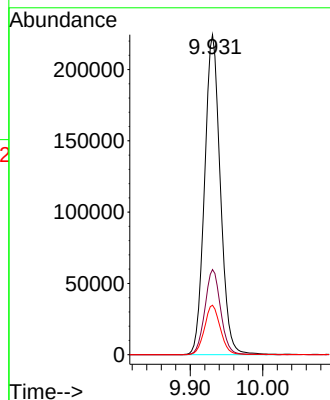
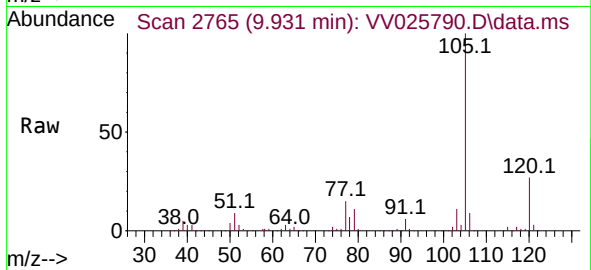




#60
Isopropylbenzene
Concen: 5.425 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

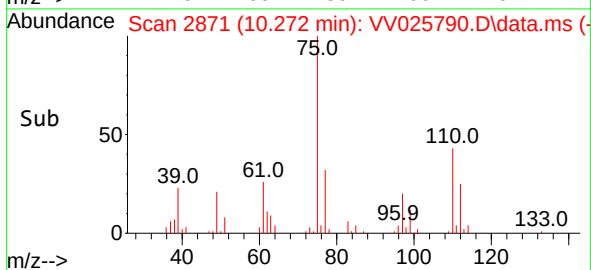
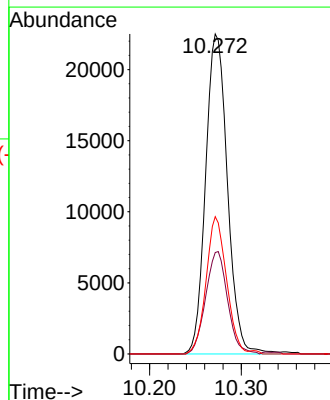
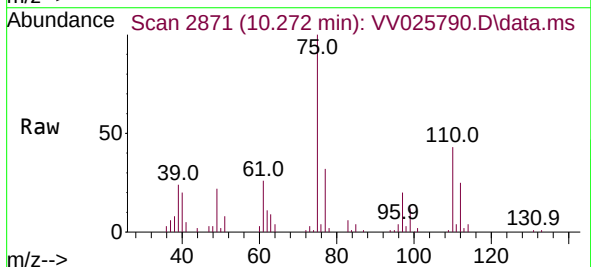
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

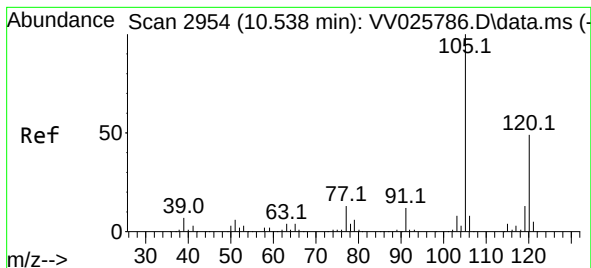
Tgt Ion:105 Resp: 338401
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.018 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 75 Resp: 37217
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 40.1 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 5.330 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

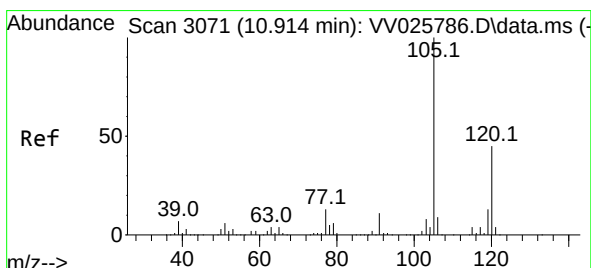
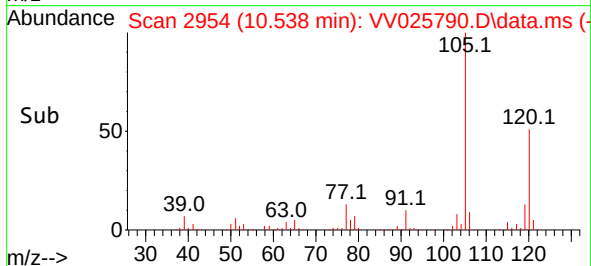
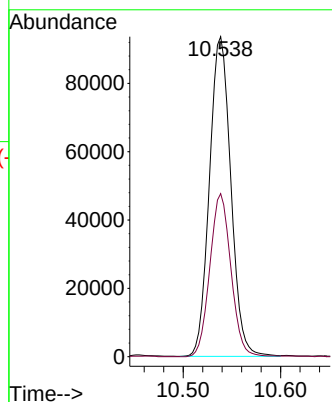
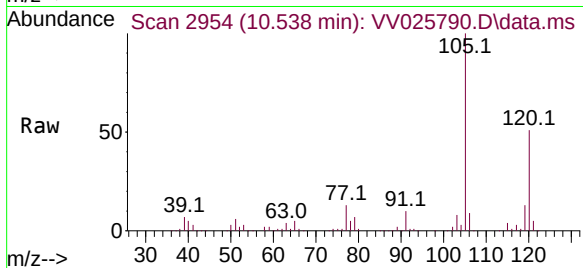
VSTD005282

Tgt Ion:105 Resp: 142874

Ion Ratio Lower Upper

105 100

120 50.3 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.526 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025790.D

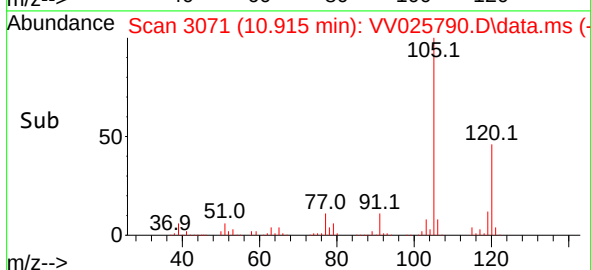
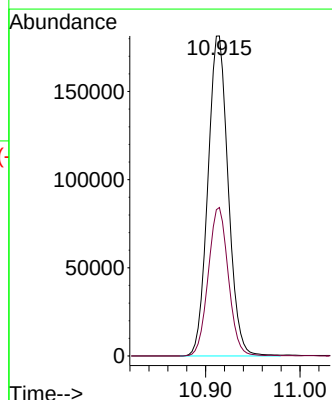
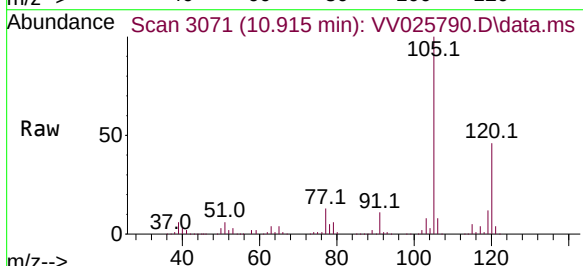
Acq: 03 May 2022 14:06

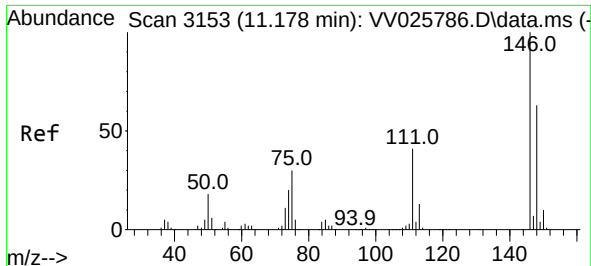
Tgt Ion:105 Resp: 270702

Ion Ratio Lower Upper

105 100

120 46.0 36.6 55.0

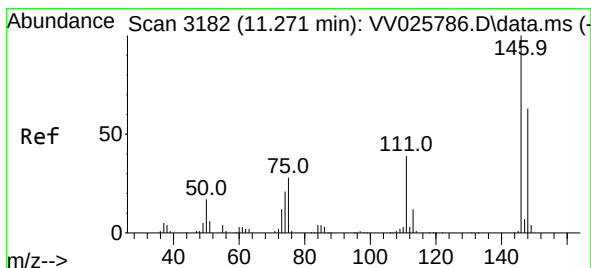
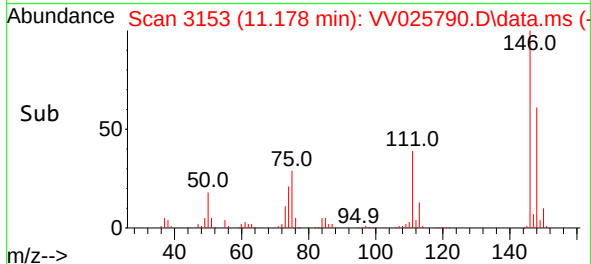
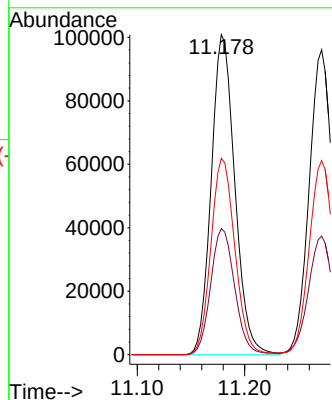
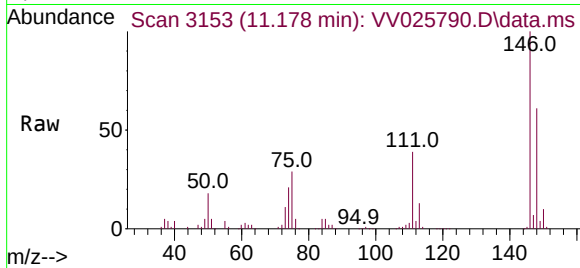




#64
1,3-Dichlorobenzene
Concen: 5.360 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

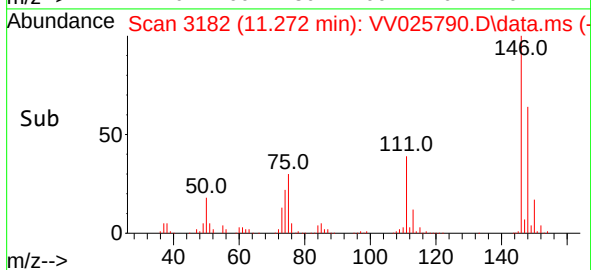
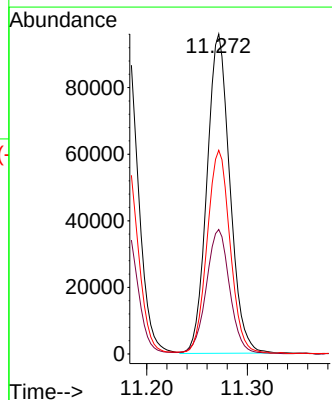
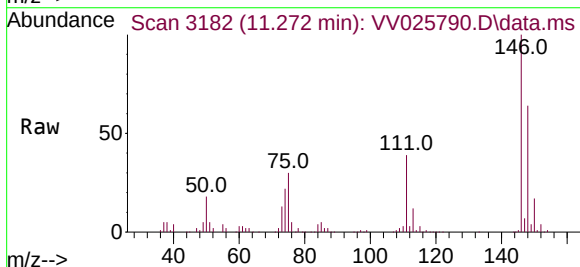
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

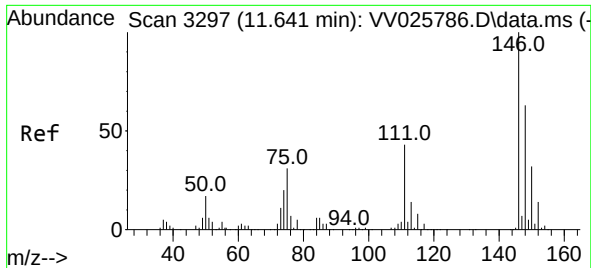
Tgt Ion:146 Resp: 153832
Ion Ratio Lower Upper
146 100
111 39.4 27.4 50.8
148 61.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion:146 Resp: 151586
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 63.7 42.8 79.6

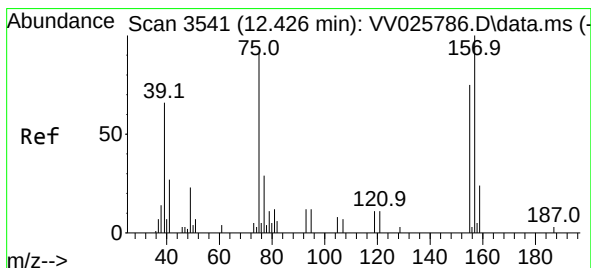
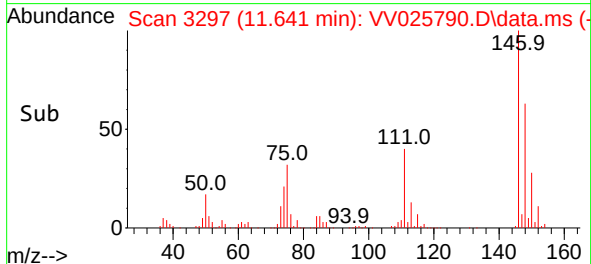
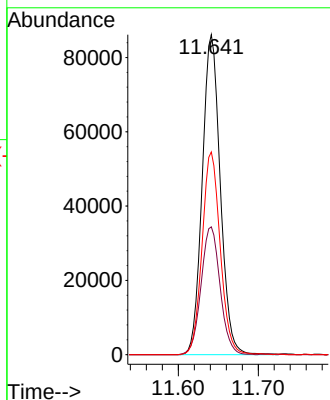
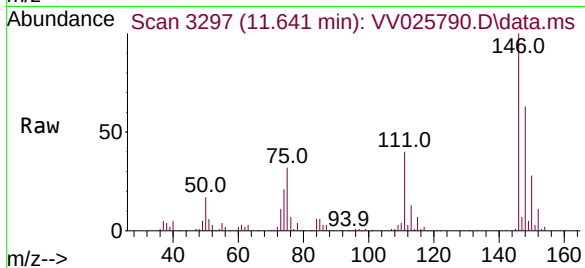




#67
1,2-Dichlorobenzene
Concen: 5.290 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

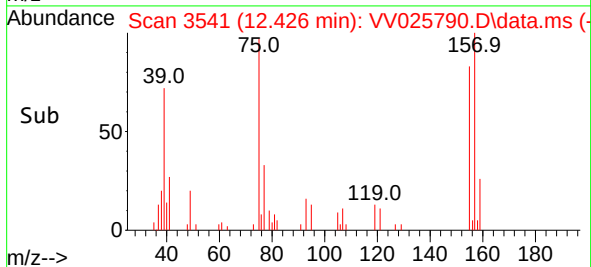
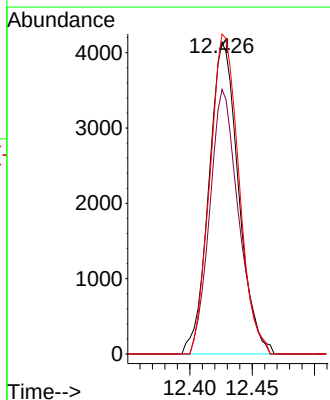
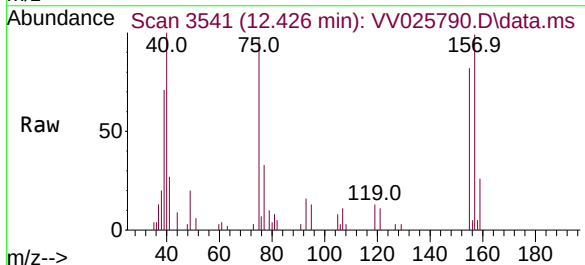
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

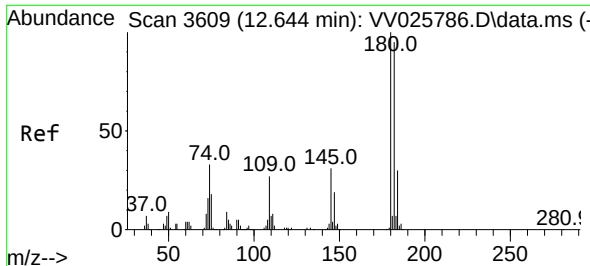
Tgt Ion:146 Resp: 135555
Ion Ratio Lower Upper
146 100
111 39.9 33.6 50.4
148 63.4 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.945 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion: 75 Resp: 6842
Ion Ratio Lower Upper
75 100
155 84.8 65.8 98.8
157 102.6 86.6 130.0

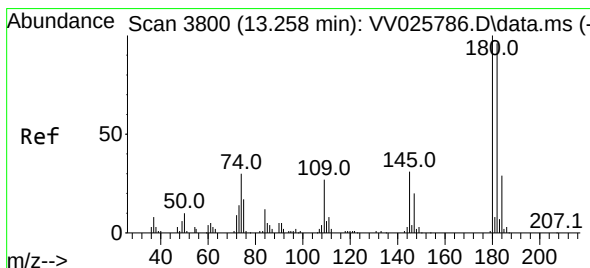
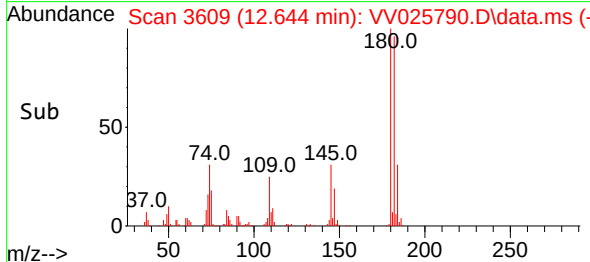
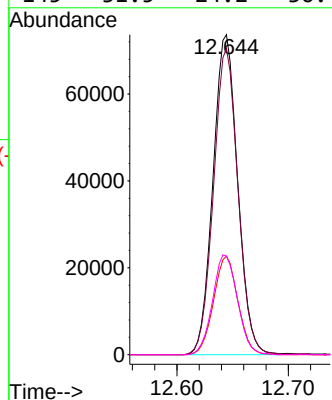
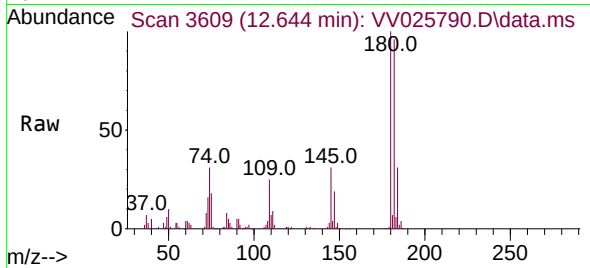




#69
1,3,5-Trichlorobenzene
Concen: 5.257 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

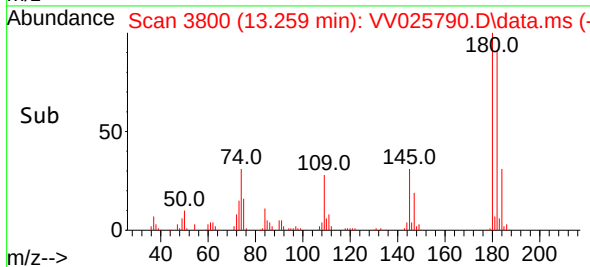
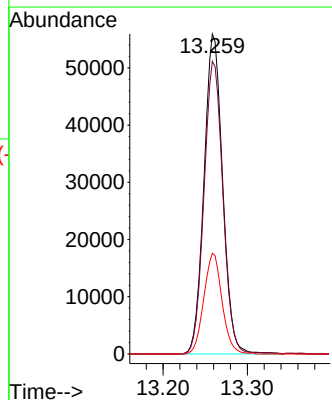
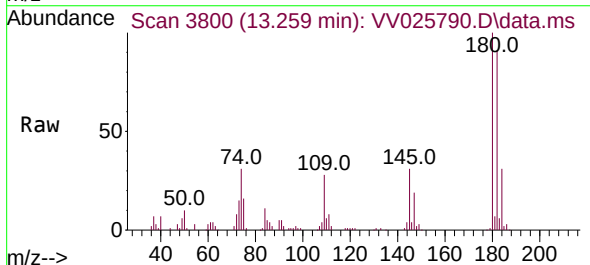
Instrument :
MSVOA_V
ClientSampleId :
VSTD005282

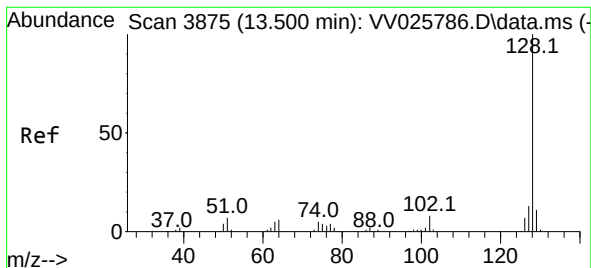
Tgt Ion:180	Resp:	113250
Ion Ratio	Lower	Upper
180	100	
182	94.8	75.3 112.9
184	30.3	23.4 35.2
145	31.5	24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 5.357 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025790.D
Acq: 03 May 2022 14:06

Tgt Ion:180	Resp:	86157
Ion Ratio	Lower	Upper
180	100	
182	92.3	76.6 114.8
145	30.8	24.6 36.8





#71

Naphthalene

Concen: 5.572 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005282

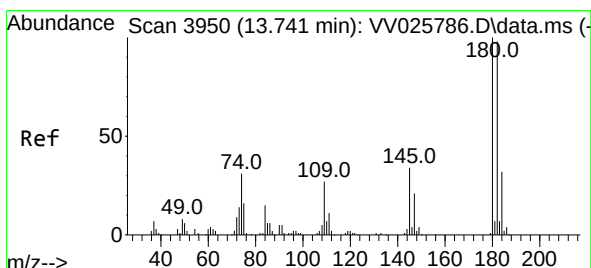
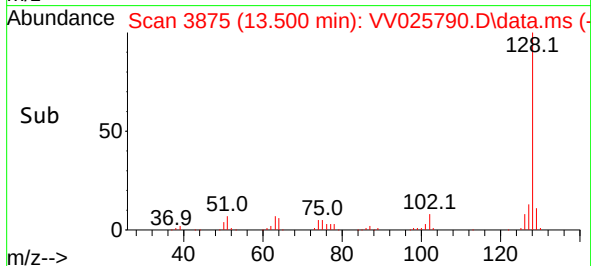
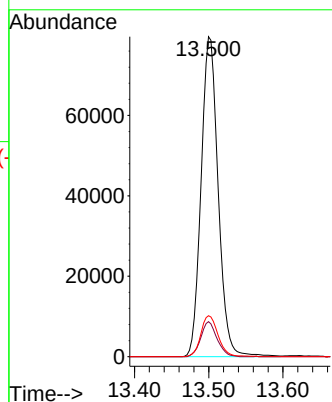
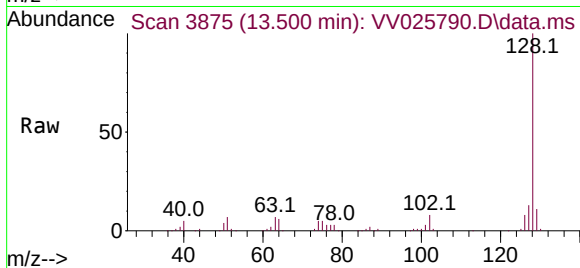
Tgt Ion:128 Resp: 127239

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.515 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025790.D

Acq: 03 May 2022 14:06

Tgt Ion:180 Resp: 72278

Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

145 33.3 27.4 41.2

