

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025786.D
 Acq On : 03 May 2022 11:46
 Operator : SY/MD
 Sample : VSTD00539
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005239

Quant Time: May 03 12:17:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	173958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	104431	6.132	ug/L	0.00
7) Chloroethane-d5	1.571	69	90684	5.197	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	189246	5.637	ug/L	0.00
20) 2-Butanone-d5	3.895	46	143421	67.464	ug/L	0.00
24) Chloroform-d	4.349	84	159218	6.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	70277	6.308	ug/L	0.00
32) Benzene-d6	5.050	84	320946	6.004	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	92602	6.164	ug/L	0.00
41) Toluene-d8	7.313	98	292489	5.931	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	28977	5.828	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	118687	65.571	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56824	5.992	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	93187	5.532	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	92520	5.517	ug/L	99
3) Chloromethane	1.243	50	109164	5.897	ug/L	97
5) Vinyl chloride	1.314	62	108491	5.324	ug/L	100
6) Bromomethane	1.526	94	58375	4.172	ug/L	98
8) Chloroethane	1.587	64	68616	4.487	ug/L	96
9) Trichlorofluoromethane	1.757	101	140975	4.991	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76392	4.845	ug/L	98
12) 1,1-Dichloroethene	2.121	96	73884	4.748	ug/L	97
13) Acetone	2.191	43	73823	52.280	ug/L	97
14) Carbon disulfide	2.297	76	199266	5.240	ug/L	100
15) Methyl Acetate	2.445	43	17278	5.456	ug/L	93
16) Methylene chloride	2.510	84	67380	4.451	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	113691	4.715	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	66233	5.020	ug/L	94
19) 1,1-Dichloroethane	3.191	63	120920	5.328	ug/L	98
21) 2-Butanone	3.982	43	107094	54.402	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	68448	4.974	ug/L	93
23) Bromochloromethane	4.252	128	28557	4.973	ug/L	95
25) Chloroform	4.378	83	125018	5.256	ug/L	97
27) 1,2-Dichloroethane	5.133	62	68148	5.385	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	110208	5.035	ug/L	98
30) Cyclohexane	4.680	56	96157	4.876	ug/L	98
31) Carbon tetrachloride	4.831	117	91840	4.979	ug/L	99
33) Benzene	5.101	78	278981	5.100	ug/L	100
34) Trichloroethene	5.915	95	69812	4.870	ug/L	98
35) Methylcyclohexane	6.130	83	109162	4.753	ug/L	96
37) 1,2-Dichloropropane	6.175	63	66870	5.226	ug/L	100
38) Bromodichloromethane	6.509	83	80829	5.125	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	78343	4.775	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	285053	55.121	ug/L	94
42) Toluene	7.387	91	295194	4.990	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	65262	5.057	ug/L	96

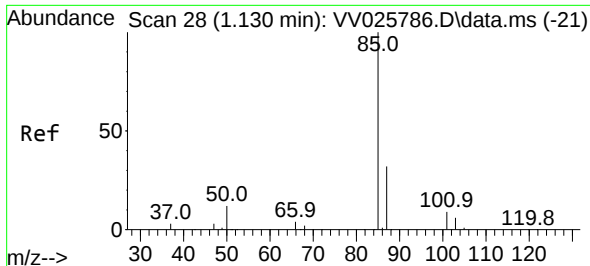
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	42523	5.029	ug/L	96
47) Tetrachloroethene	7.972	164	54560	4.840	ug/L	98
48) 2-Hexanone	8.140	43	207517	57.308	ug/L	94
49) Dibromochloromethane	8.246	129	45953	4.966	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36838	4.720	ug/L	97
51) Chlorobenzene	8.882	112	179384	4.777	ug/L	98
52) Ethylbenzene	9.011	91	294861	4.714	ug/L	99
53) m,p-Xylene	9.136	106	114471	4.811	ug/L	94
54) o-Xylene	9.542	106	110418	4.778	ug/L	97
55) Styrene	9.561	104	192660	5.078	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44046	5.168	ug/L	99
59) Bromoform	9.731	173	20751	4.881	ug/L	93
60) Isopropylbenzene	9.931	105	293890	4.683	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33516	4.949	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	120643	4.366	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	229337	4.574	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134363	4.595	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135388	4.572	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118708	4.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6512	5.416	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	94924	4.301	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	71541	4.226	ug/L	99
71) Naphthalene	13.500	128	100306	4.062	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	60253	4.287	ug/L	98

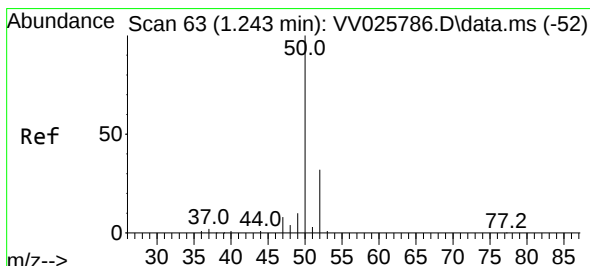
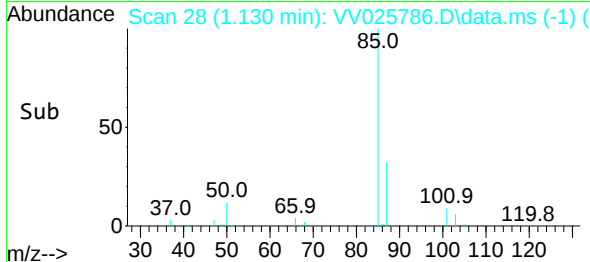
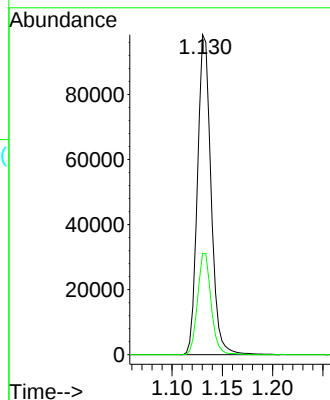
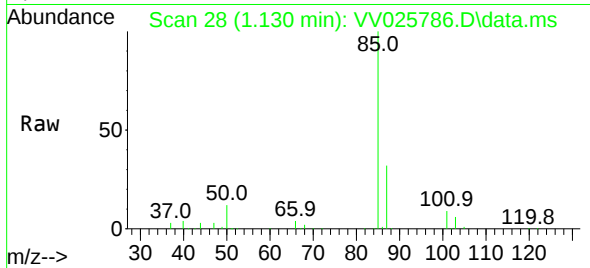
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.517 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

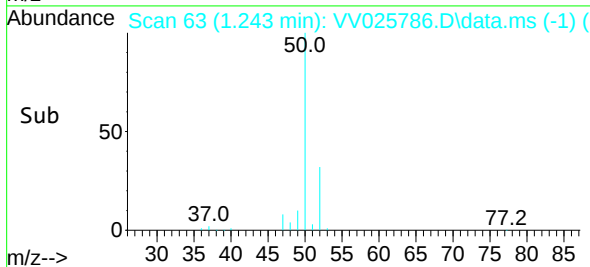
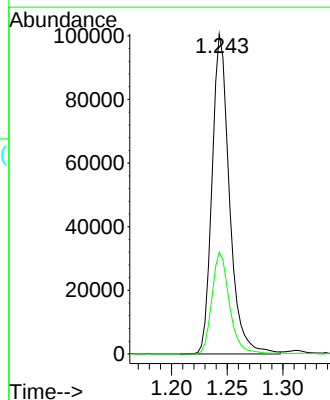
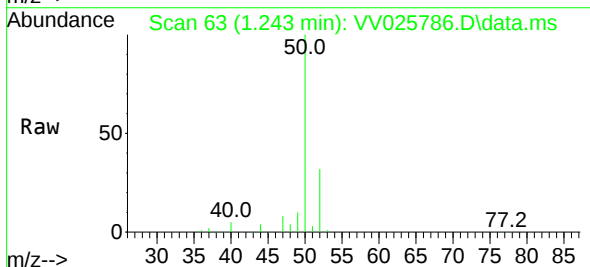
Instrument :
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 ClientSampleId :
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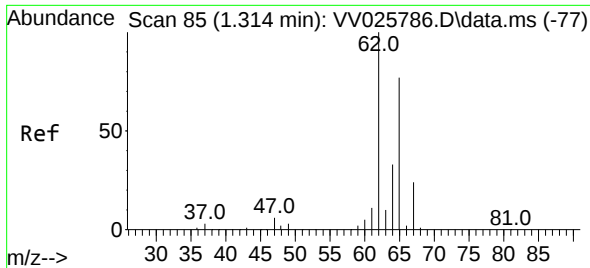
Tgt Ion: 85 Resp: 92520
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.6 38.4



#3
 Chloromethane
 Concen: 5.897 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion: 50 Resp: 109164
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 43.9

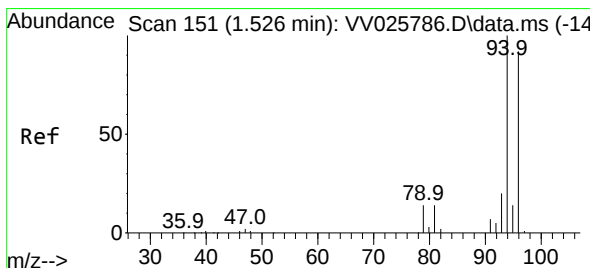
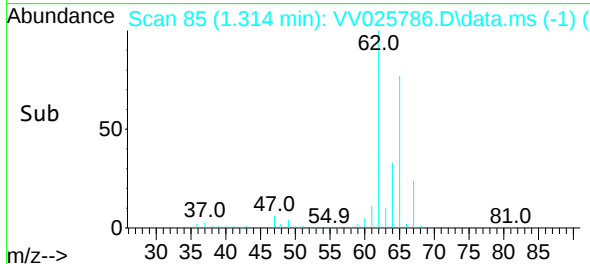
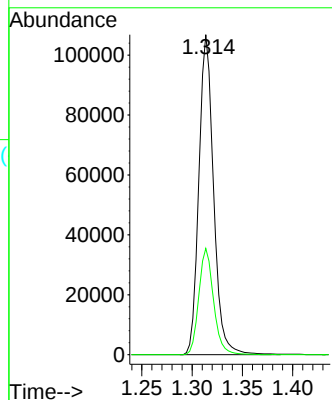
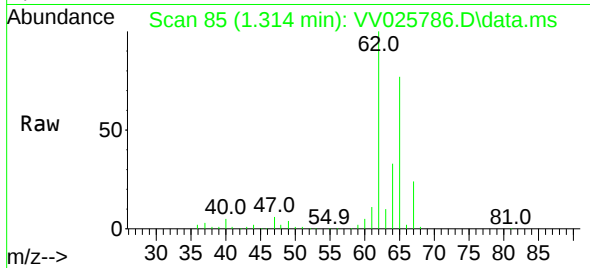




#5
 Vinyl chloride
 Concen: 5.324 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

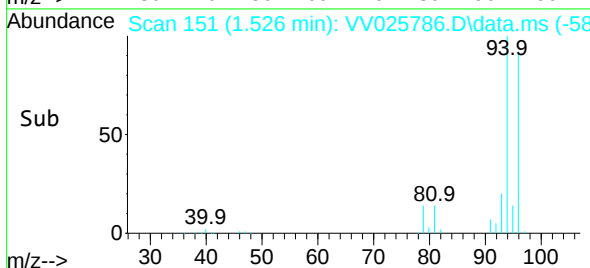
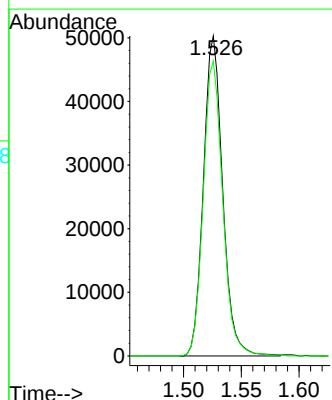
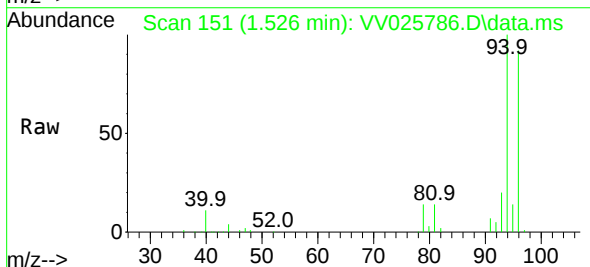
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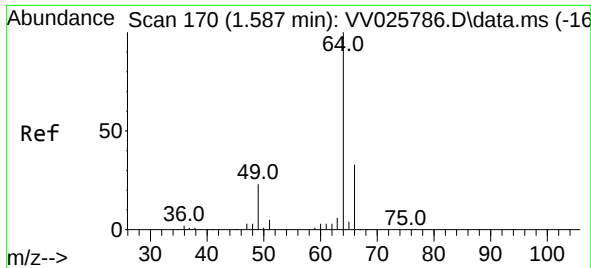
Tgt Ion: 62 Resp: 108491
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.172 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion: 94 Resp: 58375
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.1 122.7

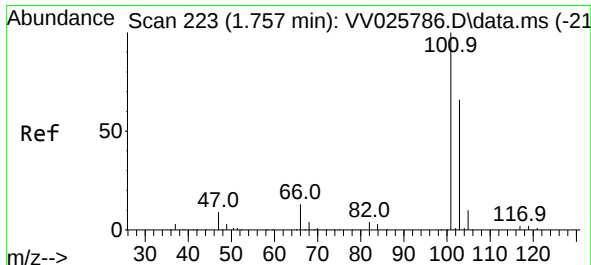
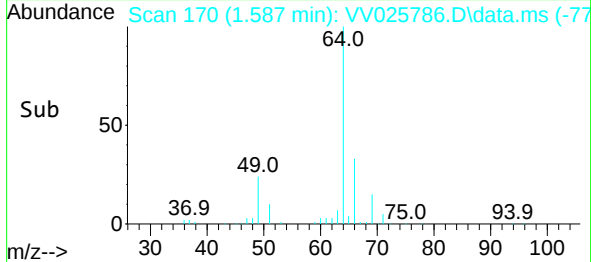
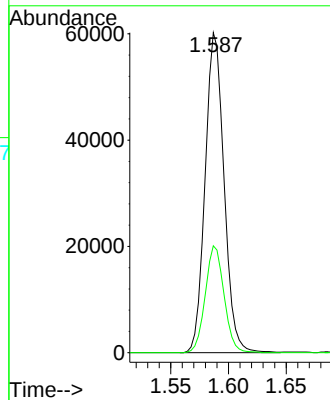
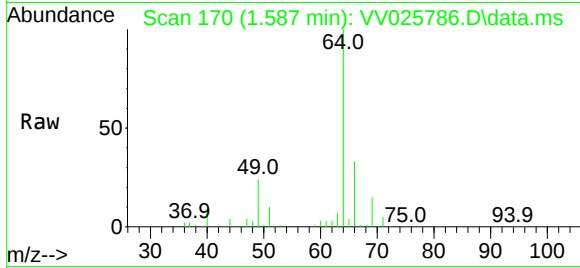




#8
Chloroethane
Concen: 4.487 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

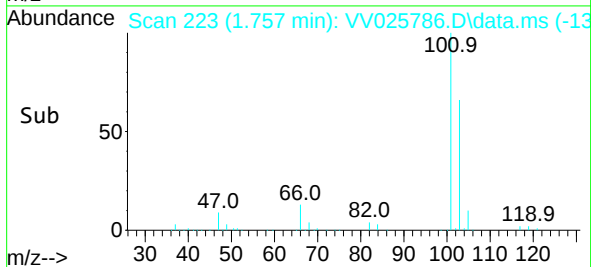
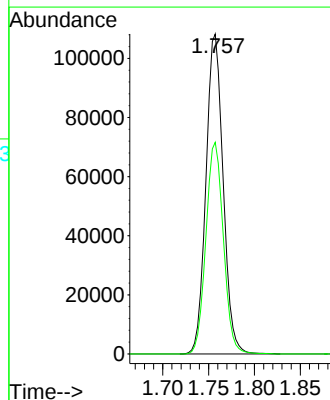
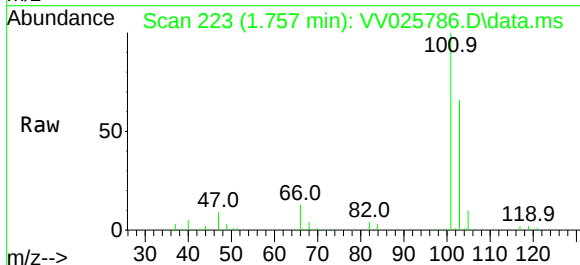
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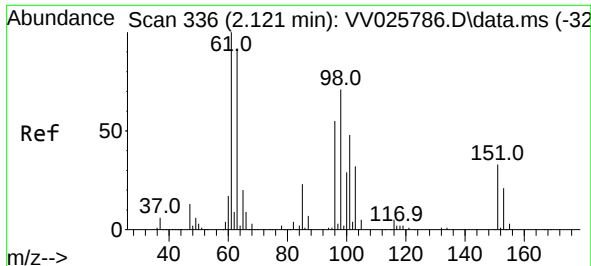
Tgt Ion: 64 Resp: 68616
Ion Ratio Lower Upper
64 100
66 33.4 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.991 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion:101 Resp: 140975
Ion Ratio Lower Upper
101 100
103 67.3 51.9 77.9

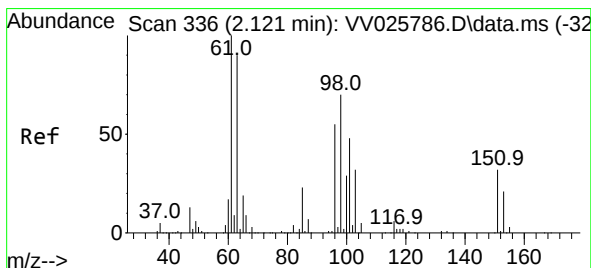
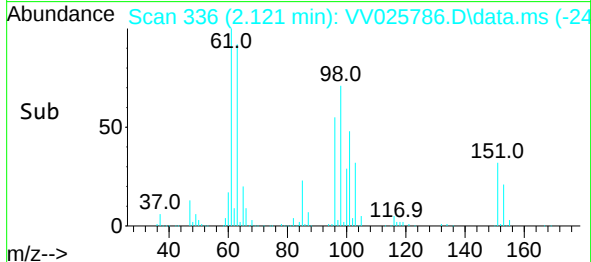
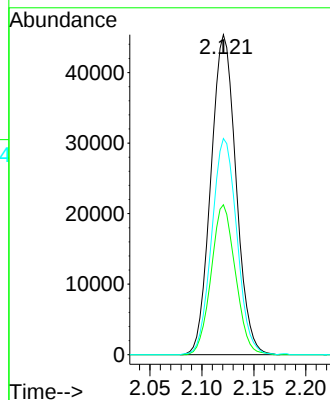
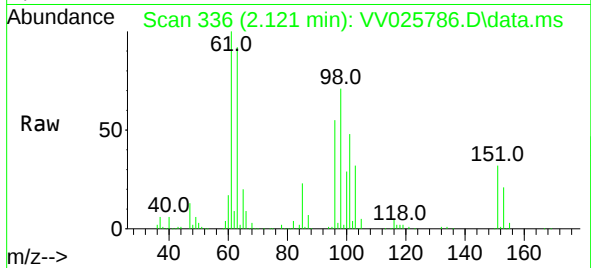




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

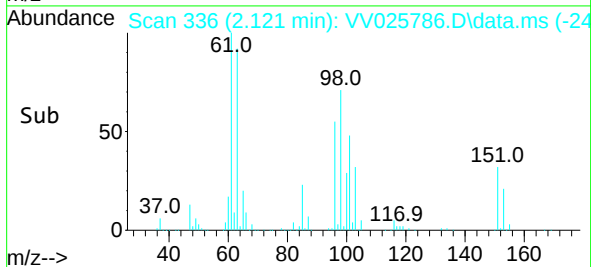
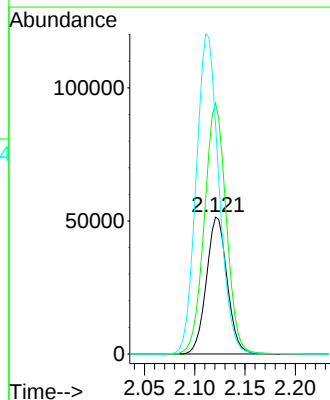
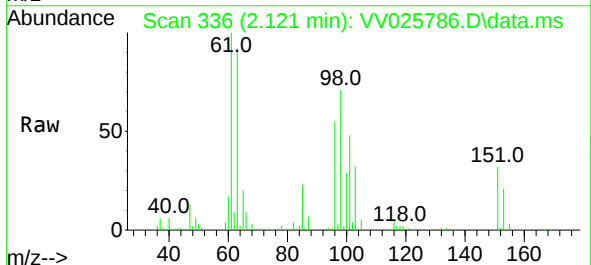
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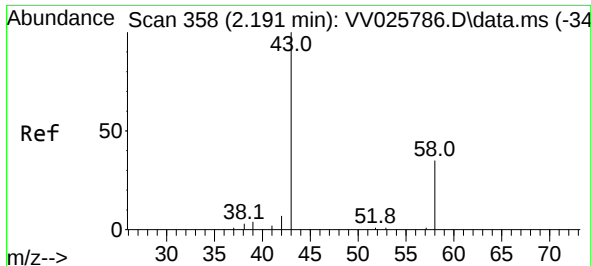
Tgt Ion:101 Resp: 76392
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.9 53.9
 151 67.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.748 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion: 96 Resp: 73884
 Ion Ratio Lower Upper
 96 100
 61 183.3 125.2 232.4
 63 167.9 114.4 212.4





#13

Acetone

Concen: 52.280 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

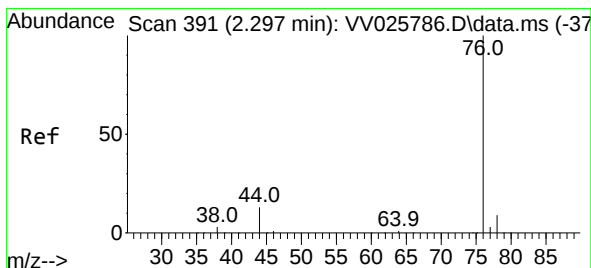
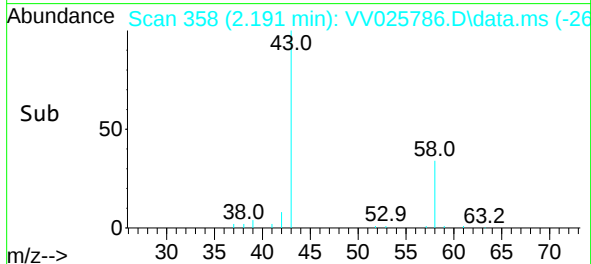
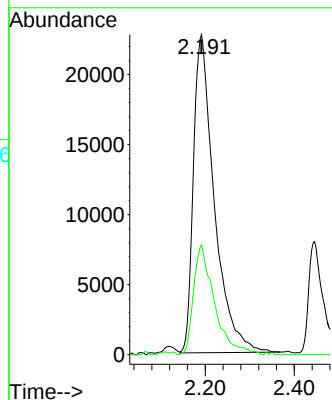
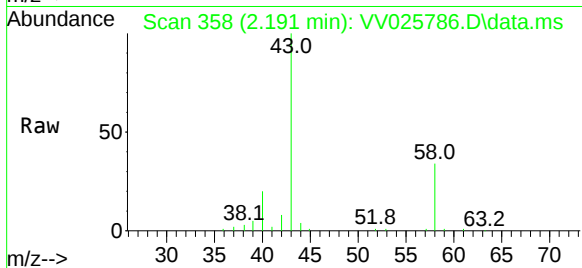
VSTD005239

Tgt Ion: 43 Resp: 73823

Ion Ratio Lower Upper

43 100

58 34.6 0.0 72.2



#14

Carbon disulfide

Concen: 5.240 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025786.D

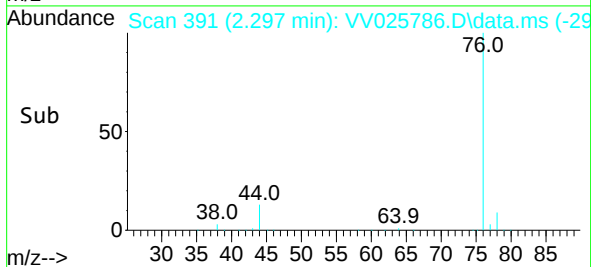
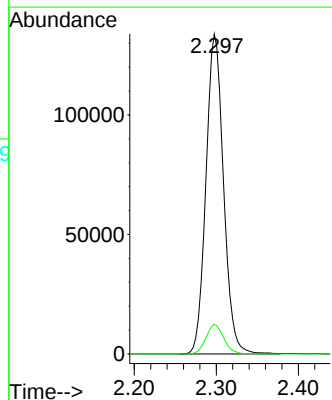
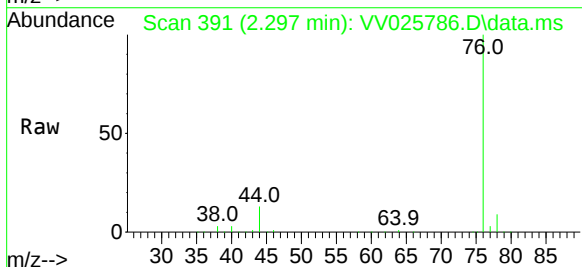
Acq: 03 May 2022 11:46

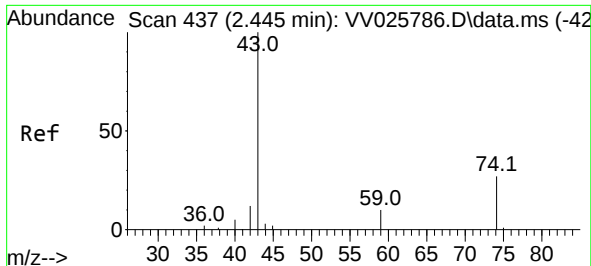
Tgt Ion: 76 Resp: 199266

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

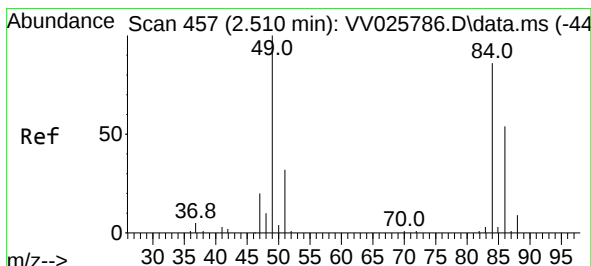
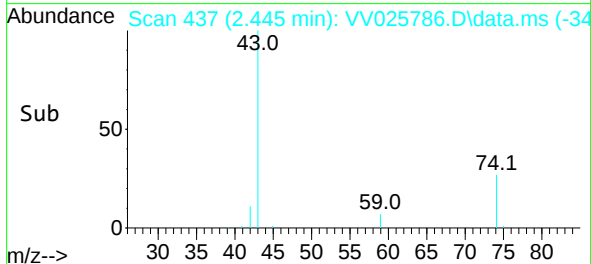
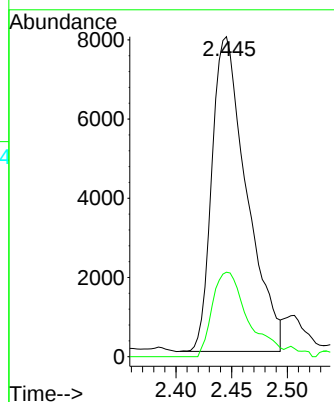
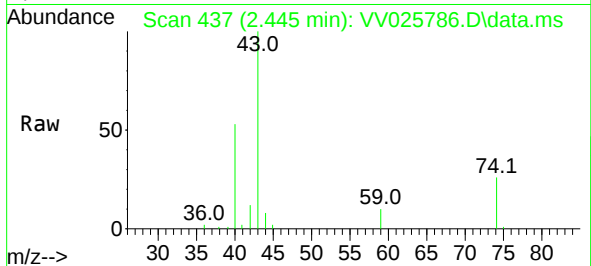




#15
Methyl Acetate
Concen: 5.456 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

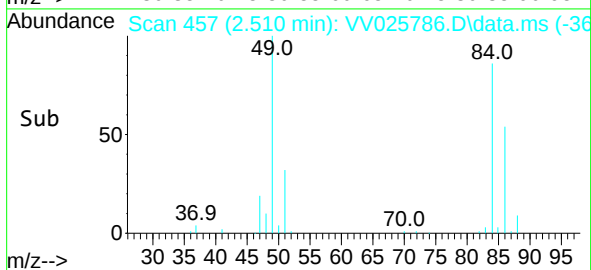
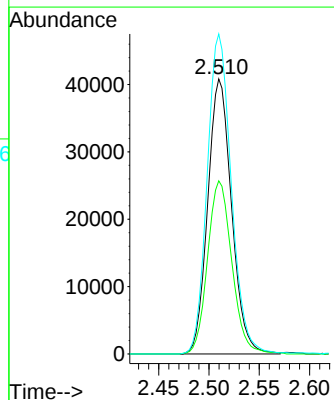
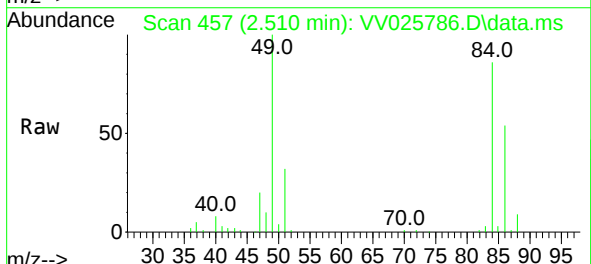
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

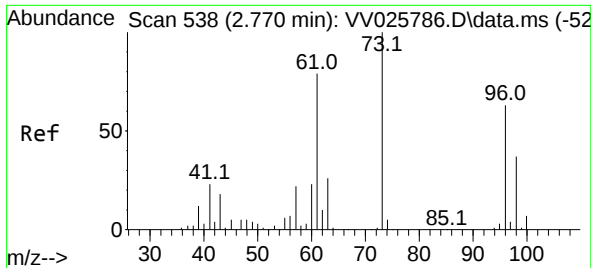
Tgt Ion: 43 Resp: 17278
Ion Ratio Lower Upper
43 100
74 27.4 25.2 37.8



#16
Methylene chloride
Concen: 4.451 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 84 Resp: 67380
Ion Ratio Lower Upper
84 100
86 63.0 45.9 85.3
49 116.4 76.6 142.3

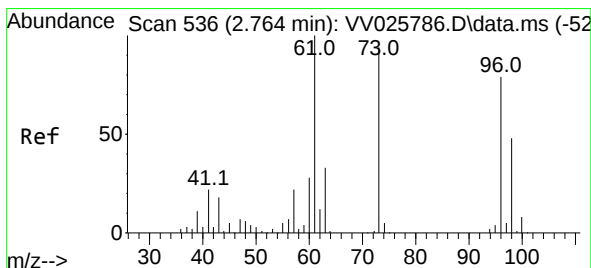
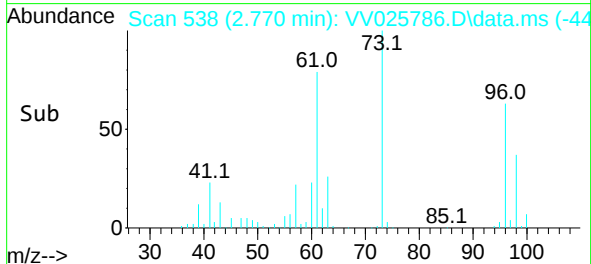
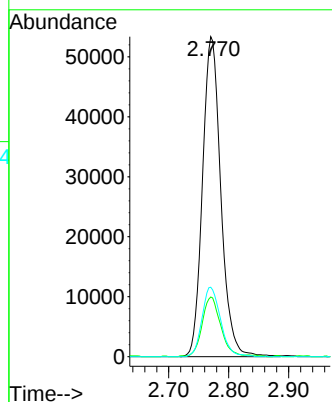
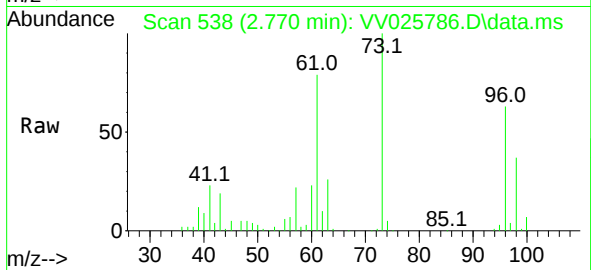




#17
Methyl tert-butyl Ether
Concen: 4.715 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

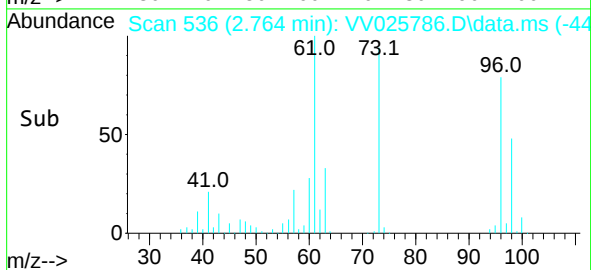
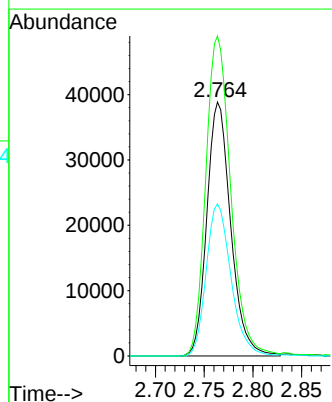
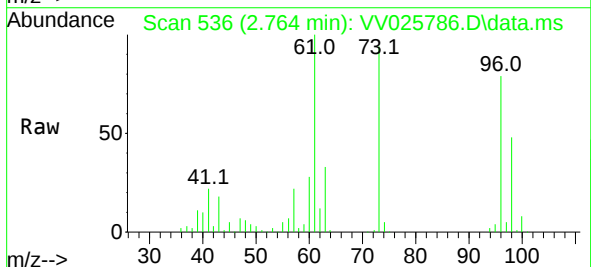
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

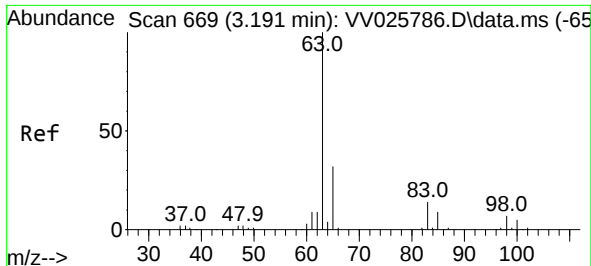
Tgt Ion: 73 Resp: 113691
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.4
57 22.0 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.020 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 96 Resp: 66233
Ion Ratio Lower Upper
96 100
61 126.0 92.1 171.1
98 59.9 47.5 88.1

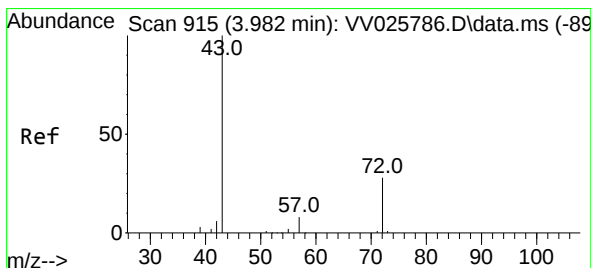
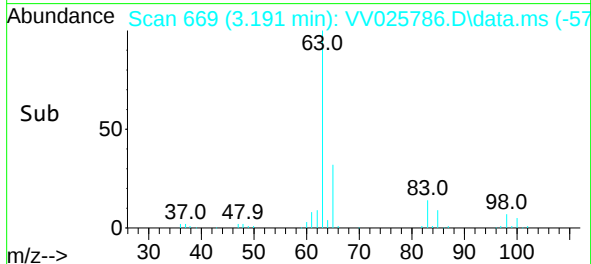
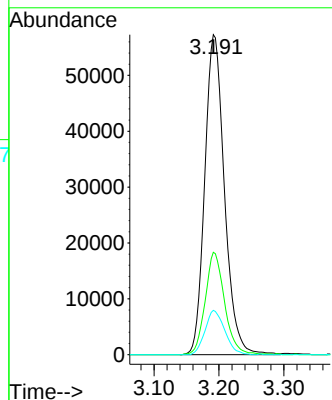
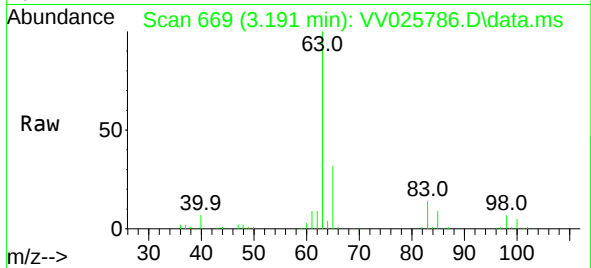




#19
1,1-Dichloroethane
Concen: 5.328 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

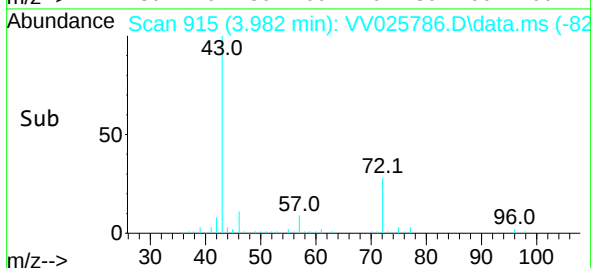
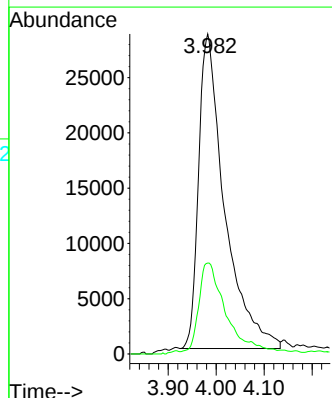
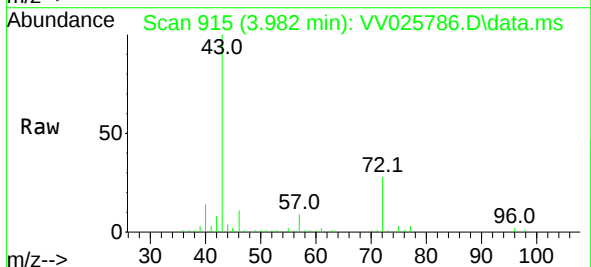
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

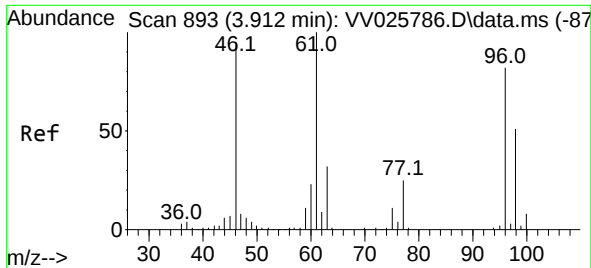
Tgt Ion: 63 Resp: 120920
Ion Ratio Lower Upper
63 100
65 32.0 23.2 43.0
83 13.9 9.0 16.8



#21
2-Butanone
Concen: 54.402 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 43 Resp: 107094
Ion Ratio Lower Upper
43 100
72 29.4 15.2 45.6

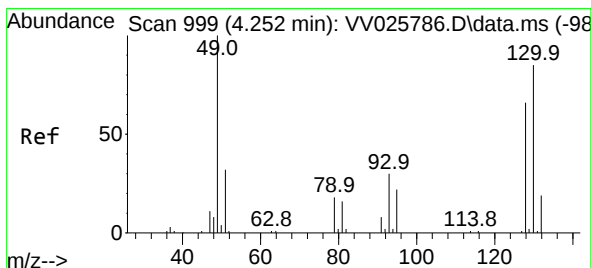
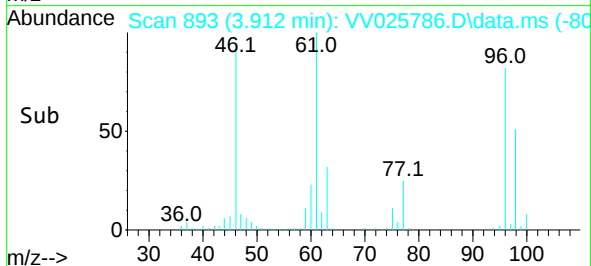
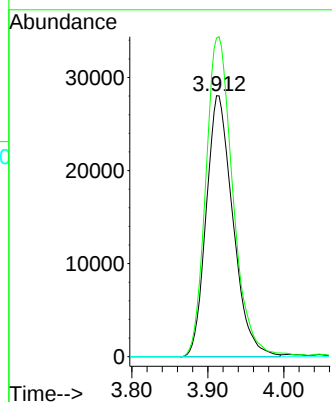
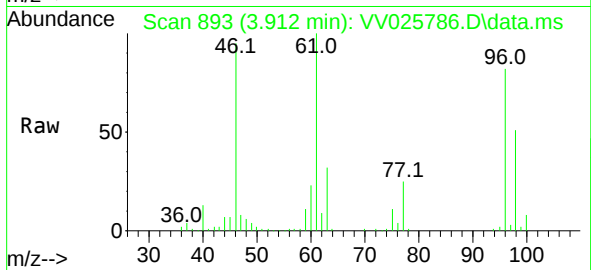




#22
 cis-1,2-Dichloroethene
 Concen: 4.974 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

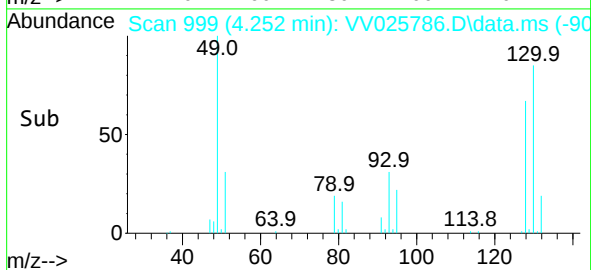
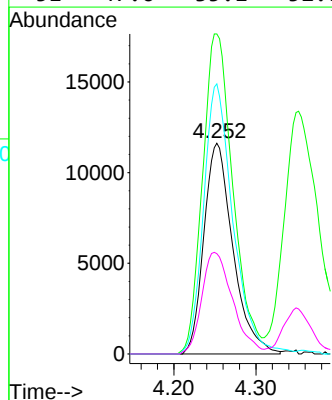
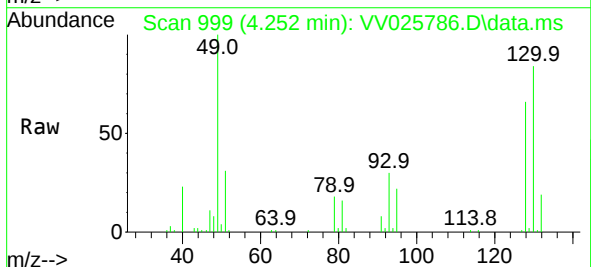
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005239

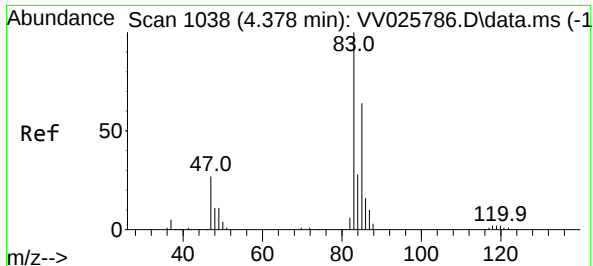
Tgt Ion: 96 Resp: 68448
 Ion Ratio Lower Upper
 96 100
 61 122.1 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.973 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion: 128 Resp: 28557
 Ion Ratio Lower Upper
 128 100
 49 151.8 100.5 186.7
 130 128.1 87.8 163.0
 51 47.6 35.1 52.7





#25

Chloroform

Concen: 5.256 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

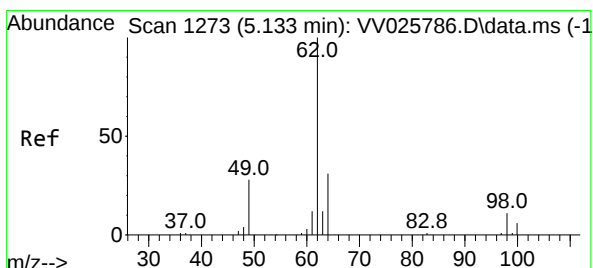
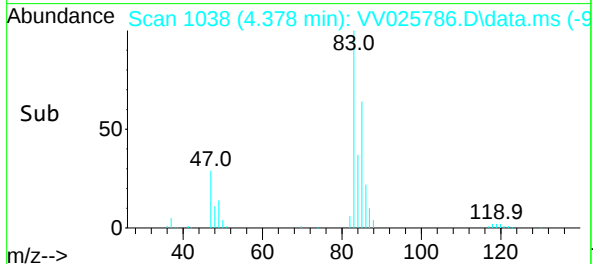
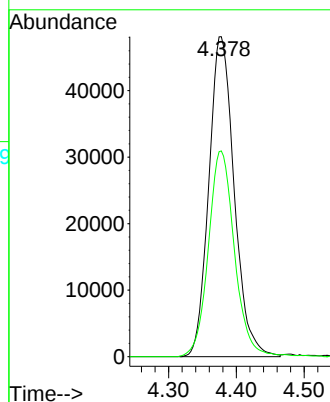
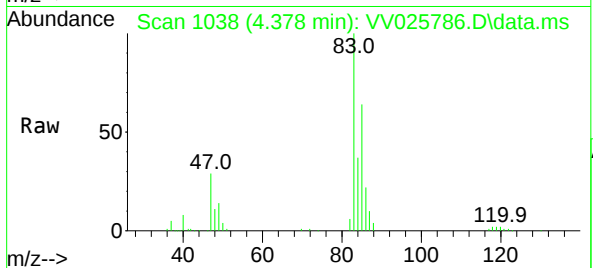
VSTD005239

Tgt Ion: 83 Resp: 125018

Ion Ratio Lower Upper

83 100

85 64.3 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.385 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV025786.D

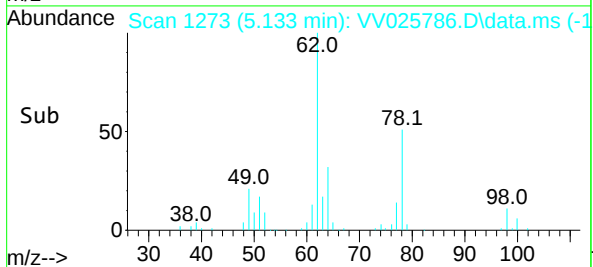
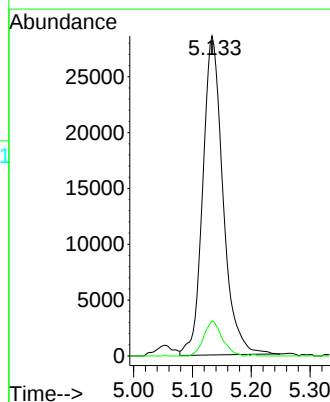
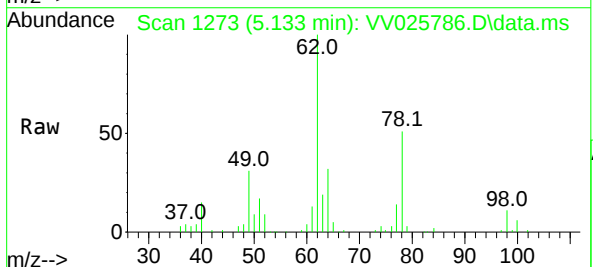
Acq: 03 May 2022 11:46

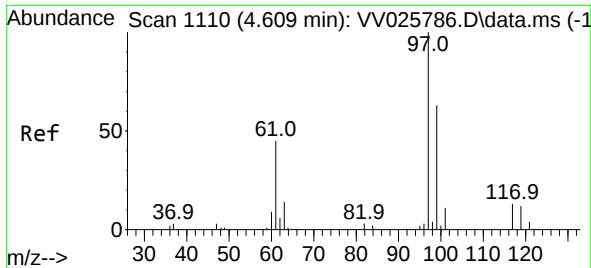
Tgt Ion: 62 Resp: 68148

Ion Ratio Lower Upper

62 100

98 10.9 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.035 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005239

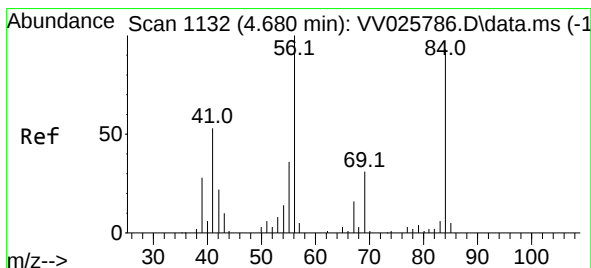
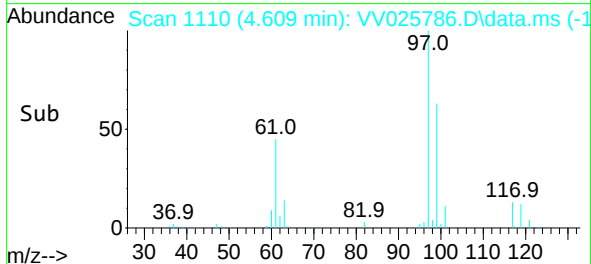
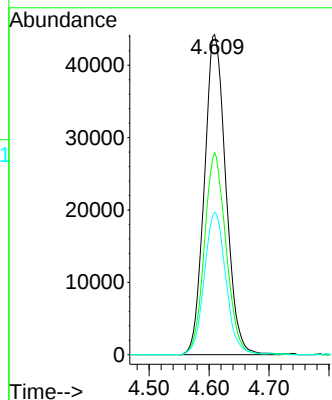
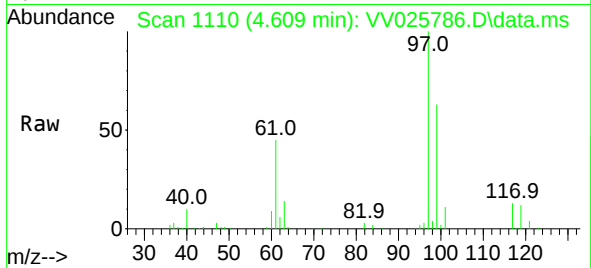
Tgt Ion: 97 Resp: 110208

Ion Ratio Lower Upper

97 100

99 63.2 51.5 77.3

61 44.8 34.3 51.5



#30

Cyclohexane

Concen: 4.876 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

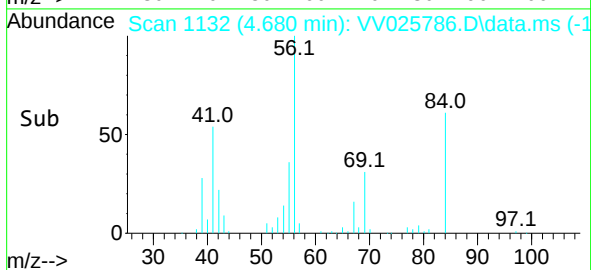
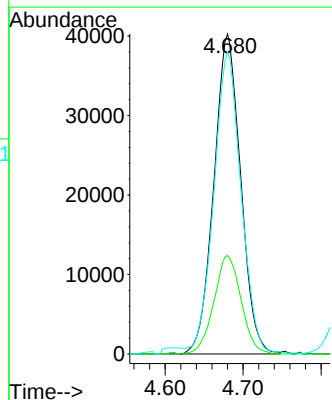
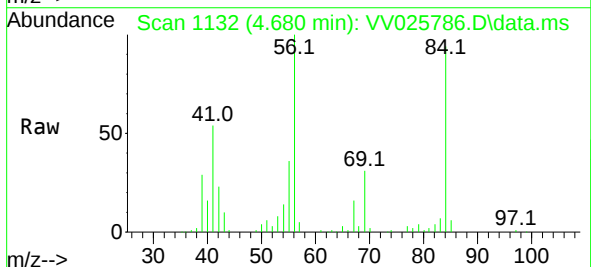
Tgt Ion: 56 Resp: 96157

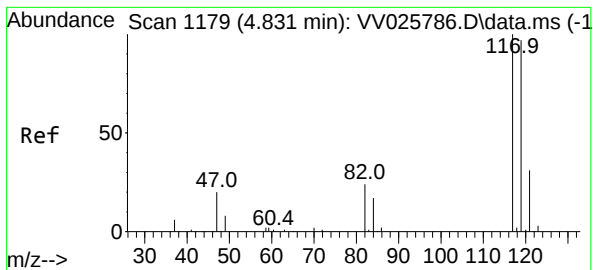
Ion Ratio Lower Upper

56 100

69 31.2 26.1 39.1

84 96.1 78.6 118.0

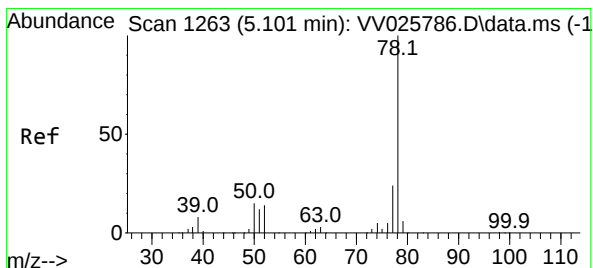
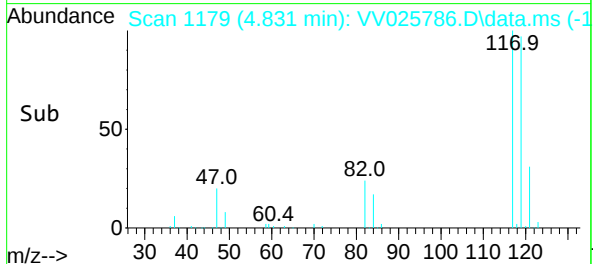
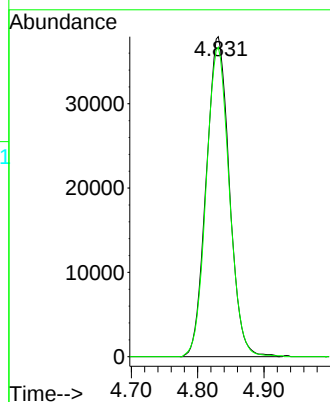
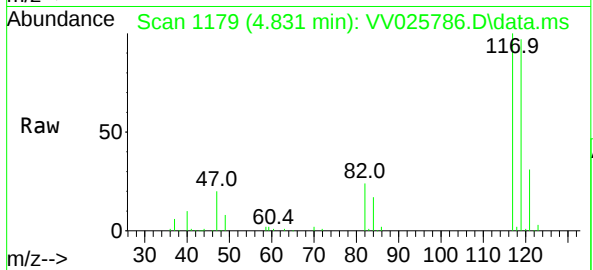




#31
Carbon tetrachloride
Concen: 4.979 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

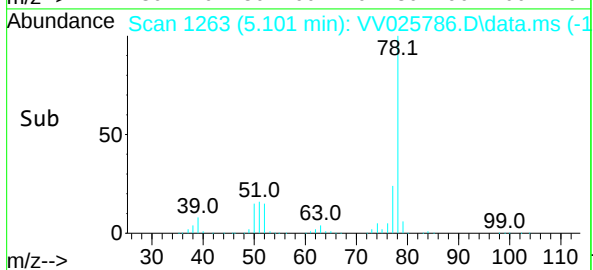
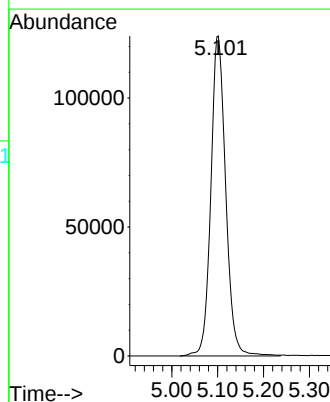
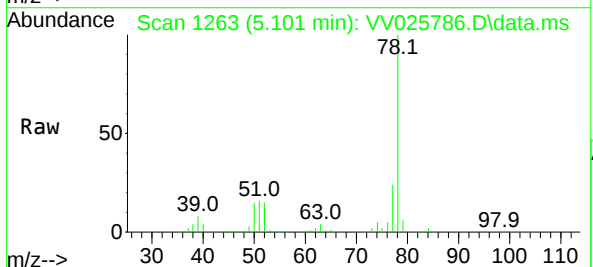
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

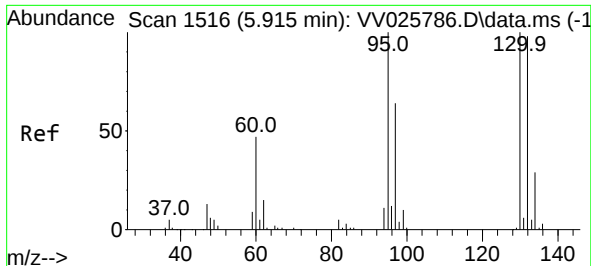
Tgt Ion:117 Resp: 91840
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 5.100 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 78 Resp: 278981

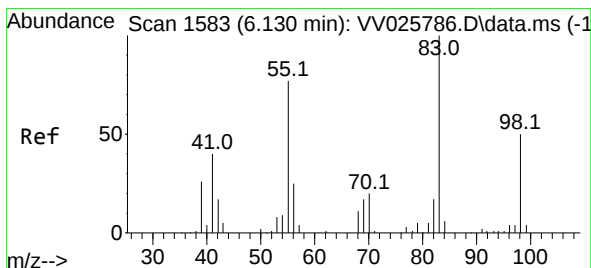
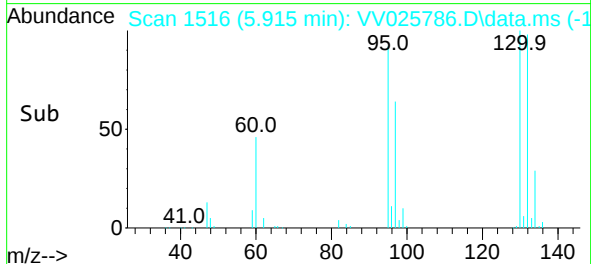
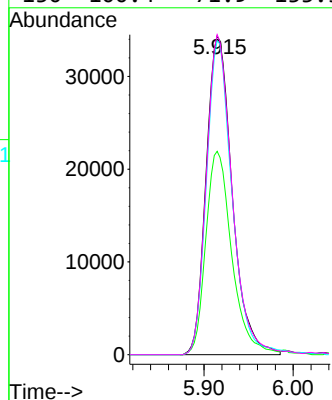
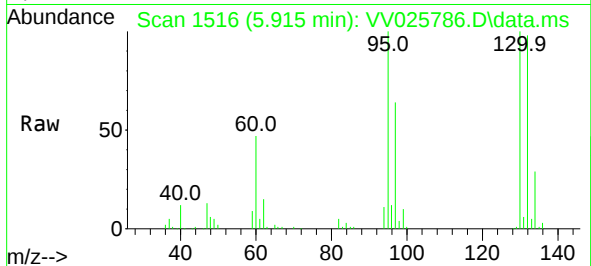




#34
Trichloroethene
Concen: 4.870 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

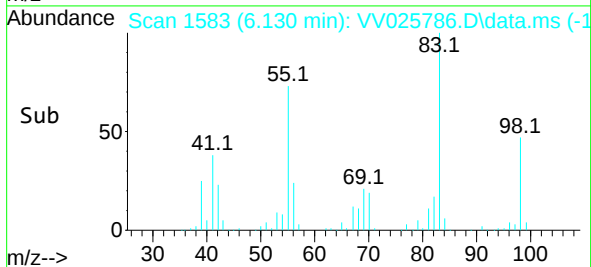
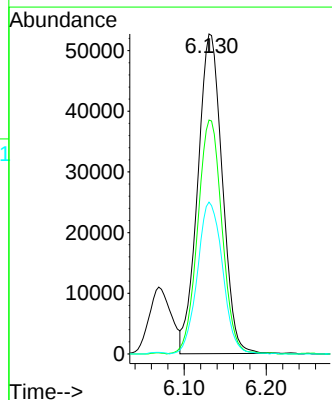
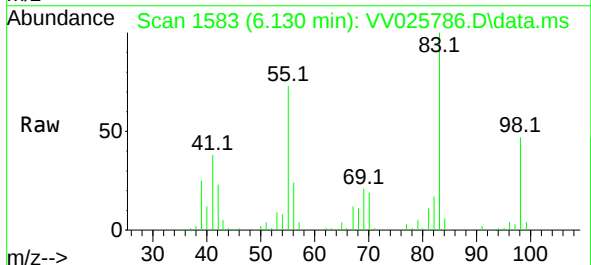
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

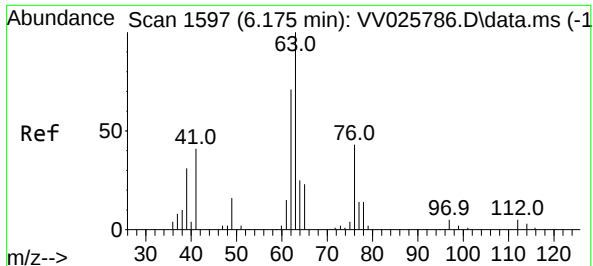
Tgt Ion: 95 Resp: 69812
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.2
132 98.5 68.0 126.4
130 100.4 71.9 133.5



#35
Methylcyclohexane
Concen: 4.753 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 83 Resp: 109162
Ion Ratio Lower Upper
83 100
55 72.8 53.7 80.5
98 48.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.226 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

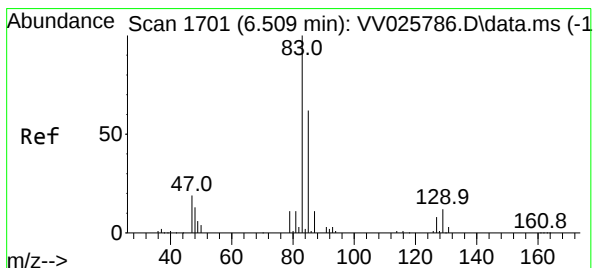
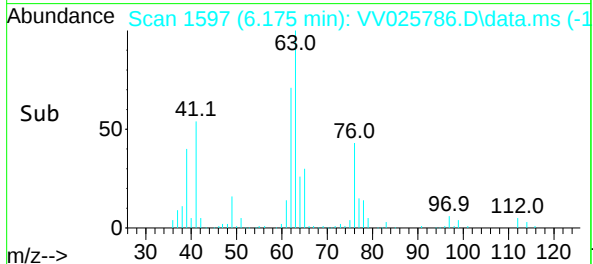
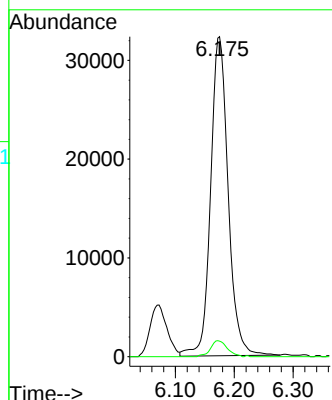
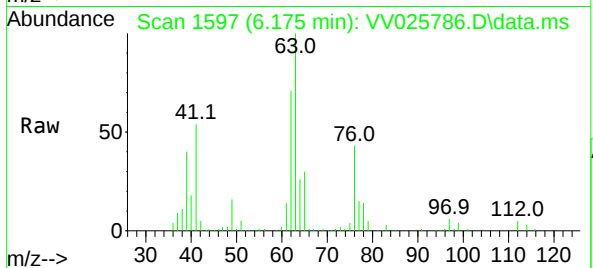
VSTD005239

Tgt Ion: 63 Resp: 66870

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 5.125 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

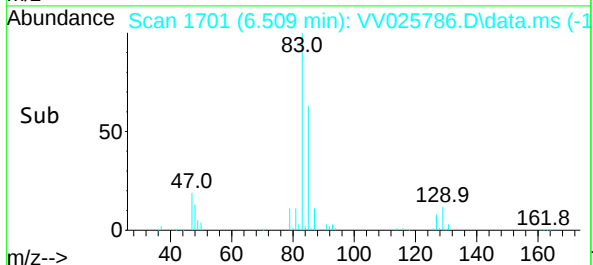
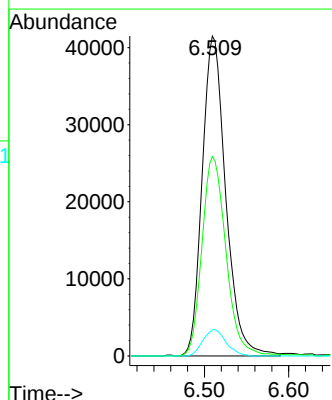
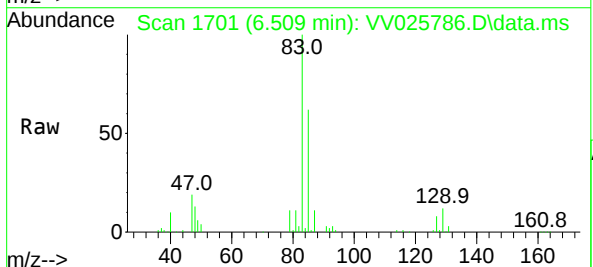
Tgt Ion: 83 Resp: 80829

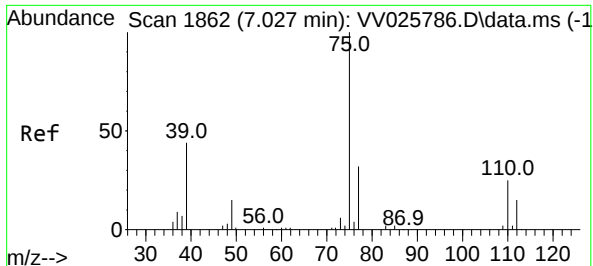
Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.4

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.775 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

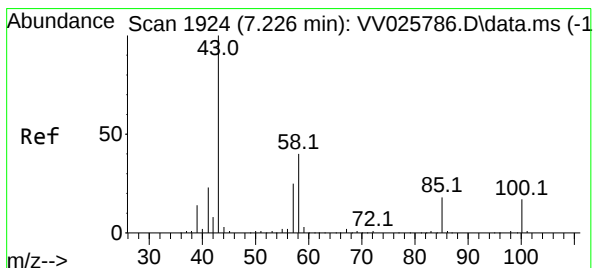
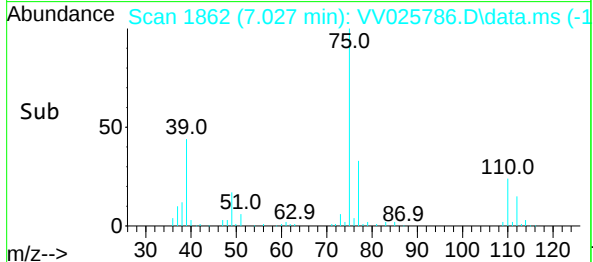
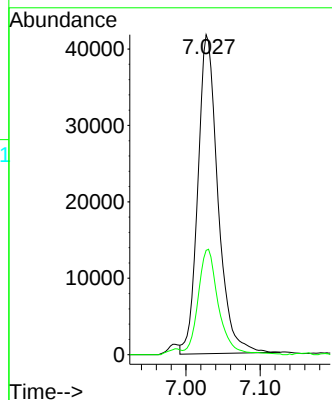
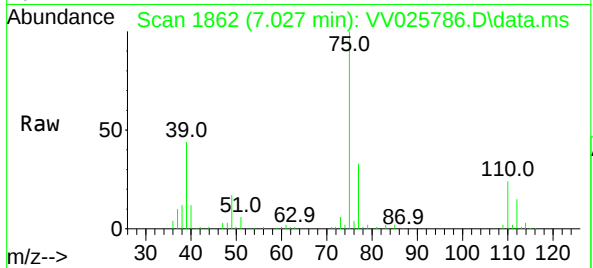
VSTD005239

Tgt Ion: 75 Resp: 78343

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.121 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

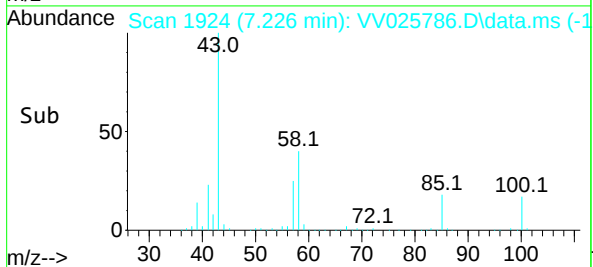
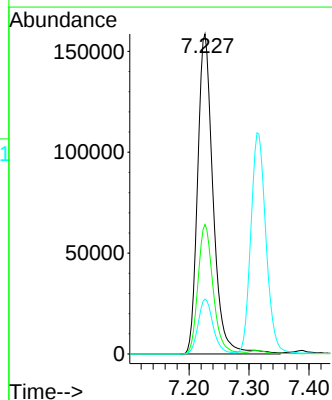
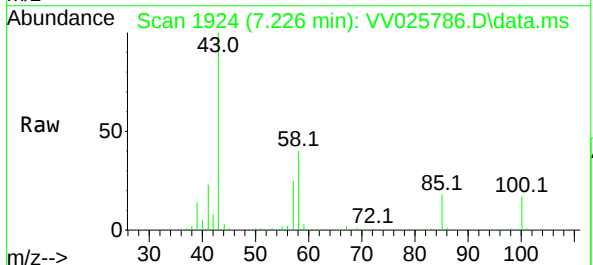
Tgt Ion: 43 Resp: 285053

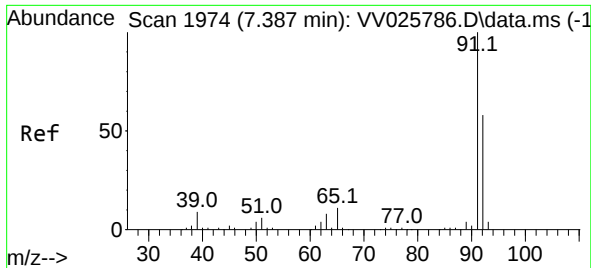
Ion Ratio Lower Upper

43 100

58 39.6 35.1 52.7

100 16.6 15.3 22.9





#42

Toluene

Concen: 4.990 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

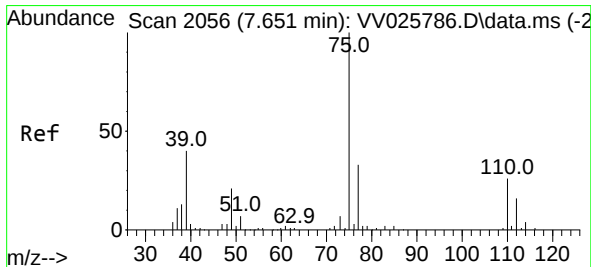
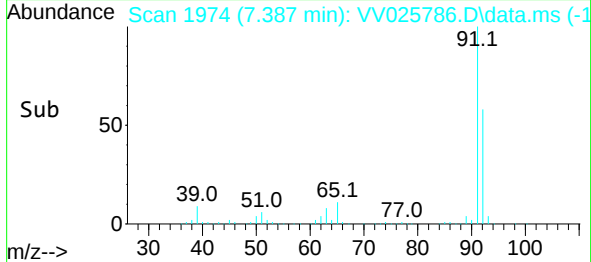
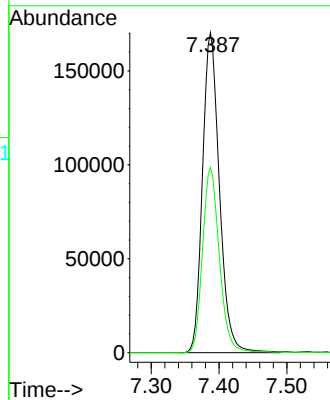
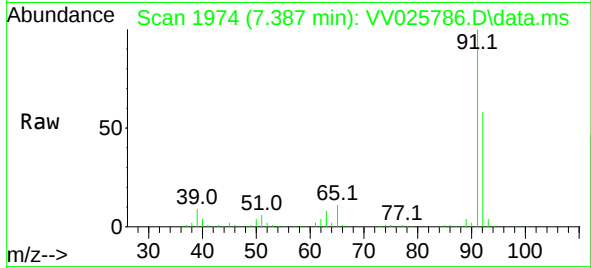
VSTD005239

Tgt Ion: 91 Resp: 295194

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.057 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025786.D

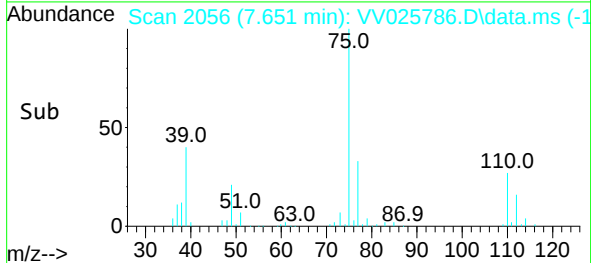
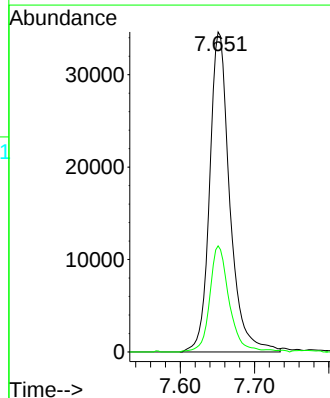
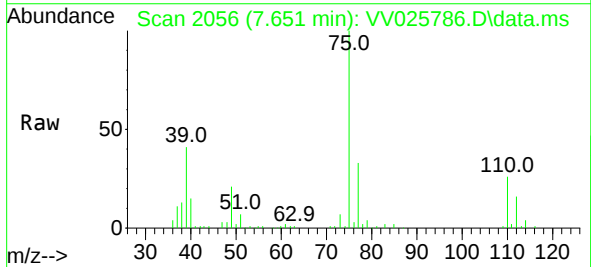
Acq: 03 May 2022 11:46

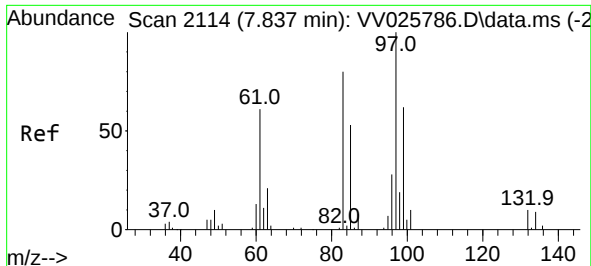
Tgt Ion: 75 Resp: 65262

Ion Ratio Lower Upper

75 100

77 33.2 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.029 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005239

Tgt Ion: 97 Resp: 42523

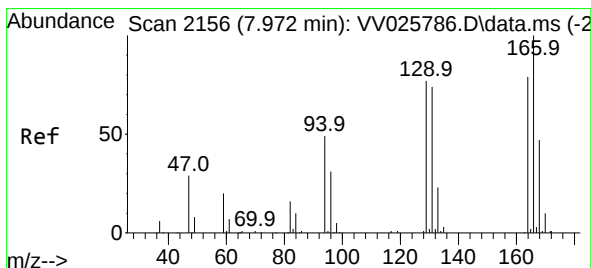
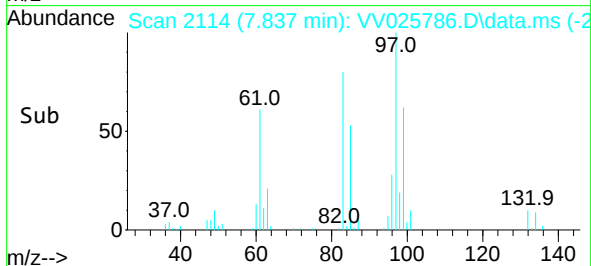
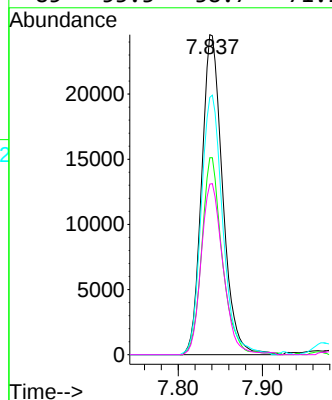
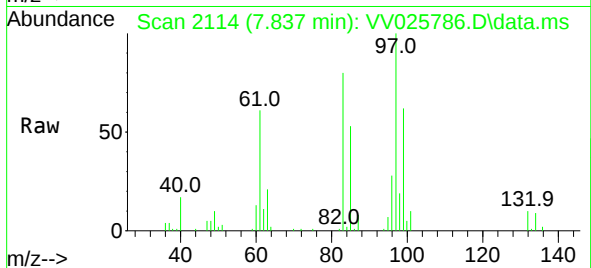
Ion Ratio Lower Upper

97 100

99 61.6 43.8 81.4

83 80.4 60.3 112.1

85 53.3 38.7 71.9



#47

Tetrachloroethene

Concen: 4.840 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Tgt Ion: 164 Resp: 54560

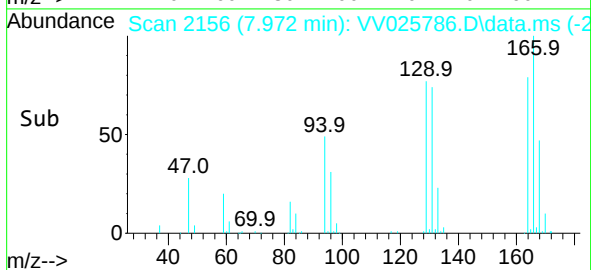
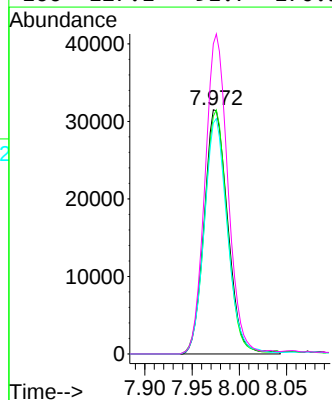
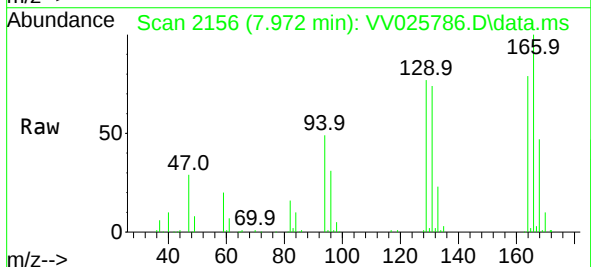
Ion Ratio Lower Upper

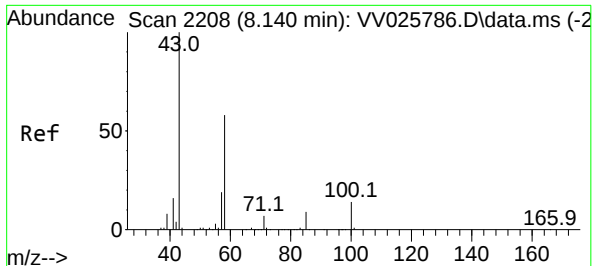
164 100

129 97.4 66.8 124.2

131 94.6 66.4 123.4

166 127.1 91.7 170.3



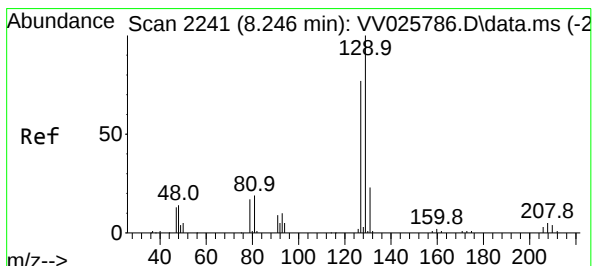
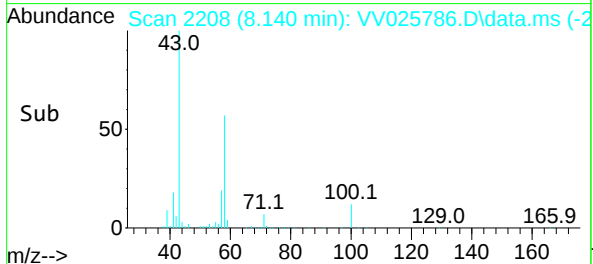
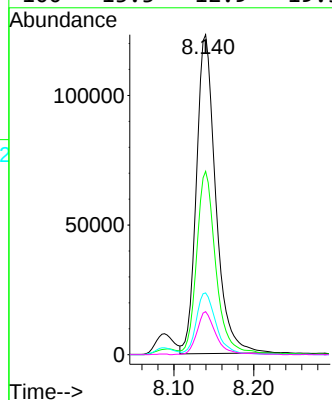
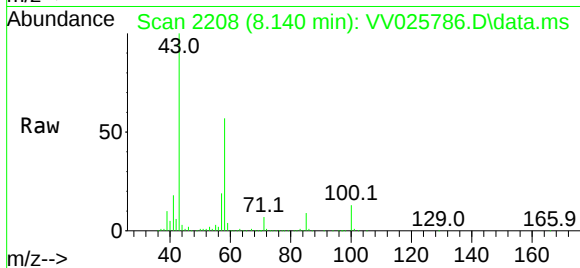


#48
2-Hexanone
Concen: 57.308 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

Tgt Ion: 43 Resp: 207517

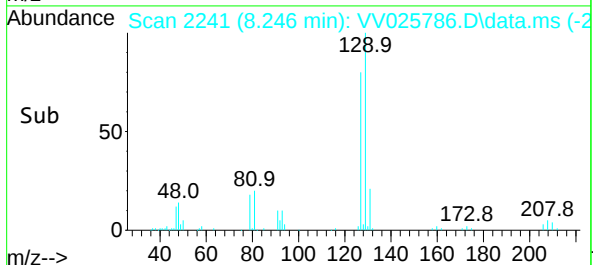
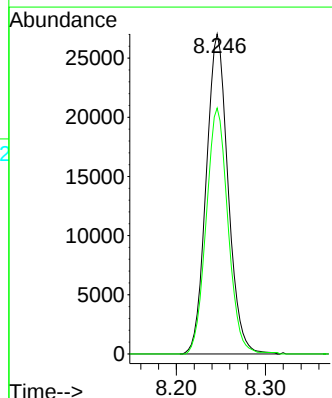
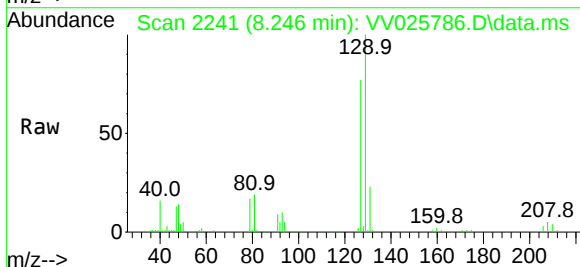
Ion	Ratio	Lower	Upper
43	100		
58	56.7	49.7	74.5
57	19.9	16.4	24.6
100	13.3	12.9	19.3

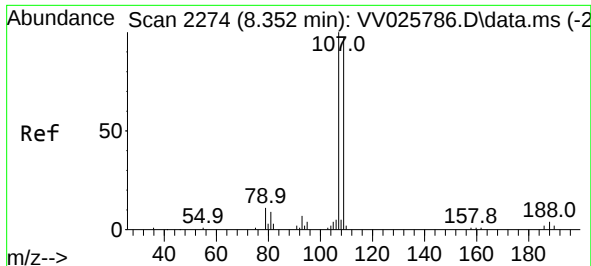


#49
Dibromochloromethane
Concen: 4.966 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 129 Resp: 45953

Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.720 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005239

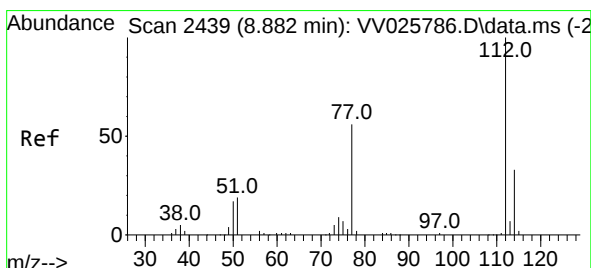
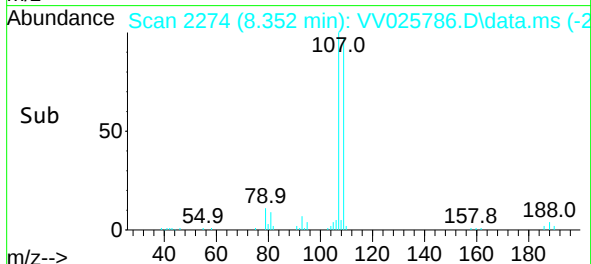
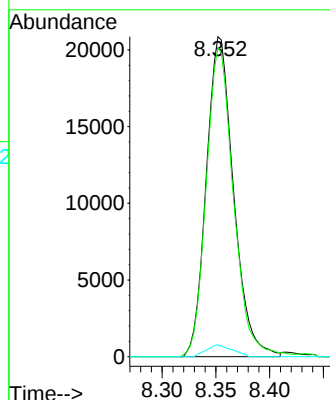
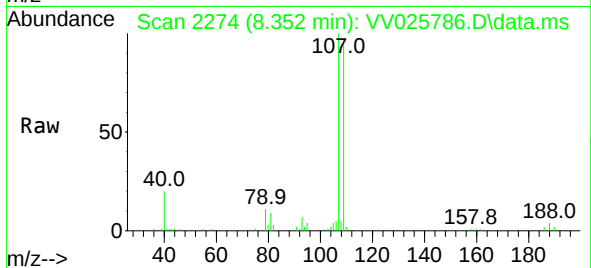
Tgt Ion:107 Resp: 36838

Ion Ratio Lower Upper

107 100

109 96.6 65.9 122.3

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 4.777 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

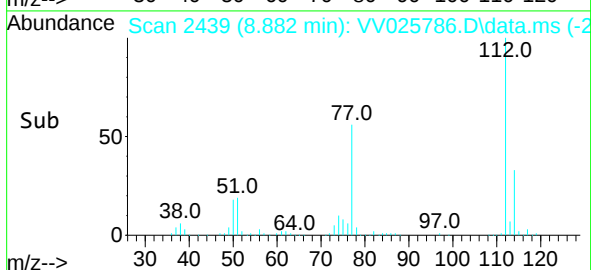
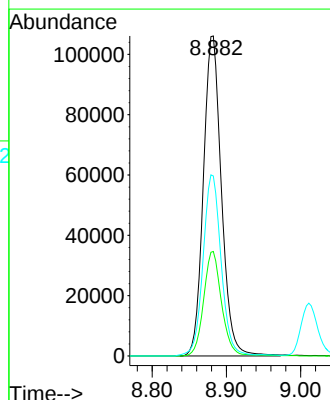
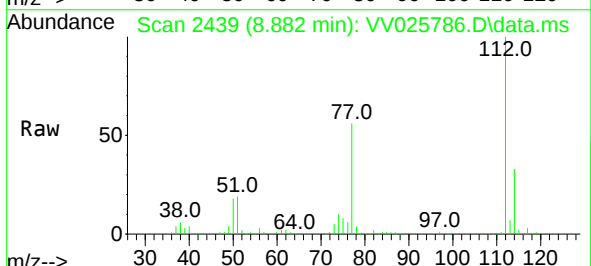
Tgt Ion:112 Resp: 179384

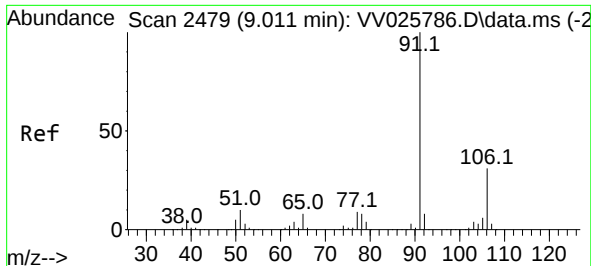
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 56.3 43.7 65.5

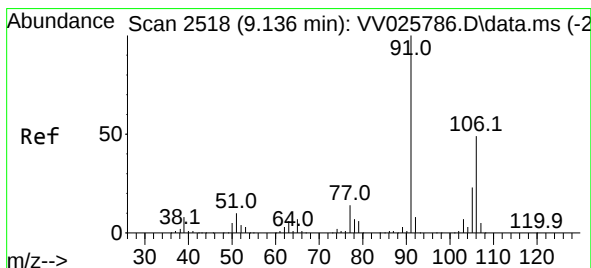
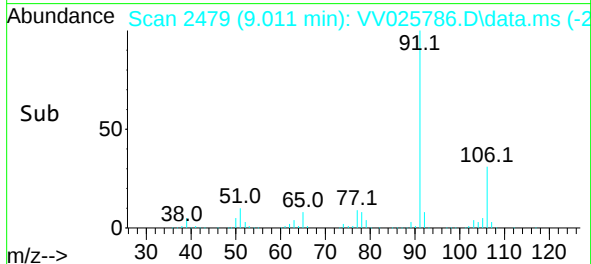
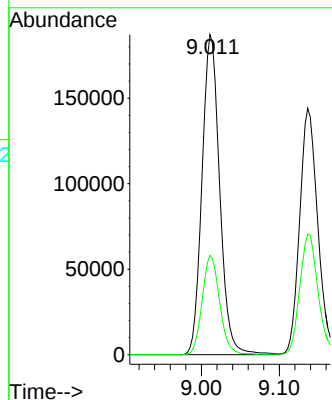
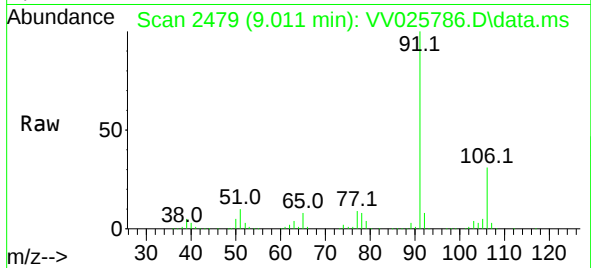




#52
Ethylbenzene
Concen: 4.714 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

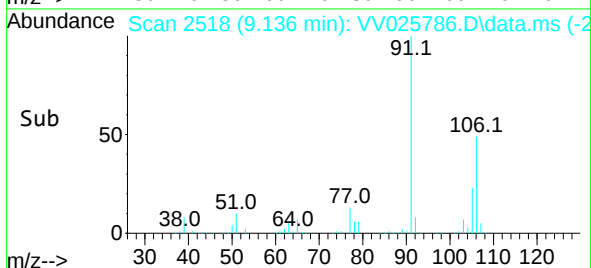
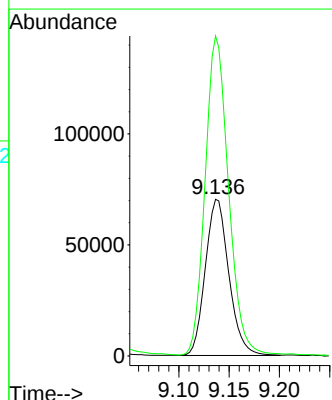
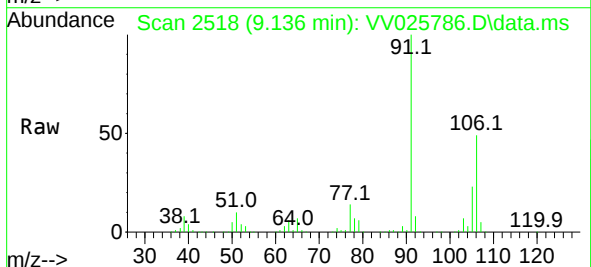
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

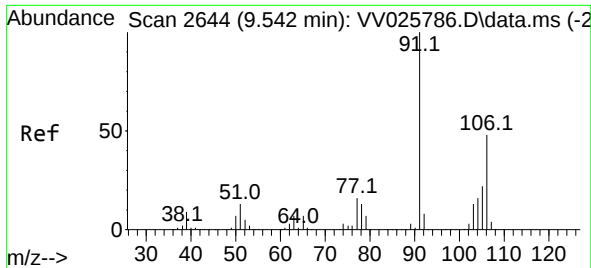
Tgt Ion: 91 Resp: 294861
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 4.811 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 106 Resp: 114471
Ion Ratio Lower Upper
106 100
91 204.2 136.4 253.4

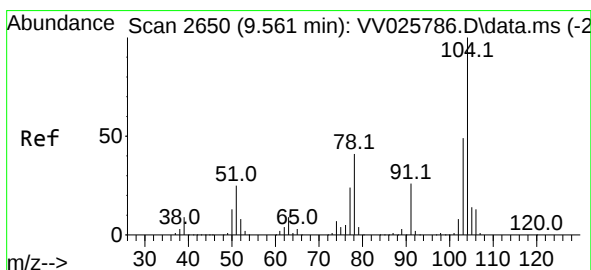
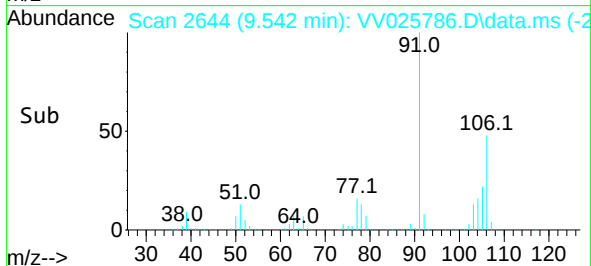
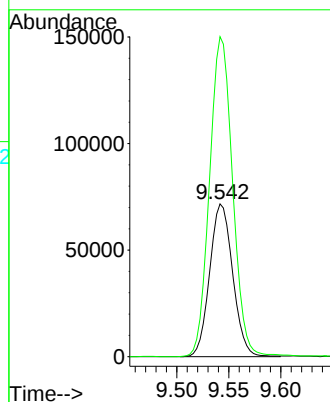
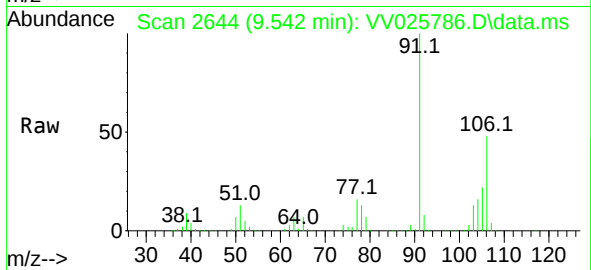




#54
o-Xylene
Concen: 4.778 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

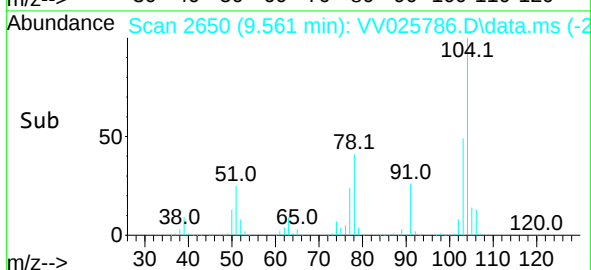
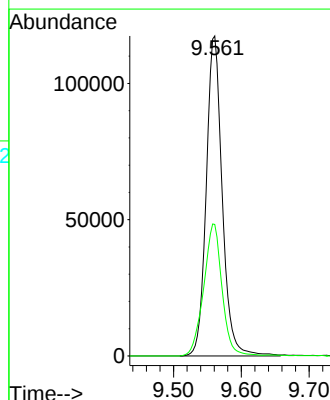
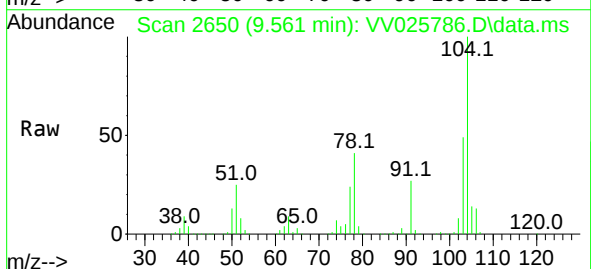
Instrument : MSVOA_V
ClientSampleId : VSTD005239

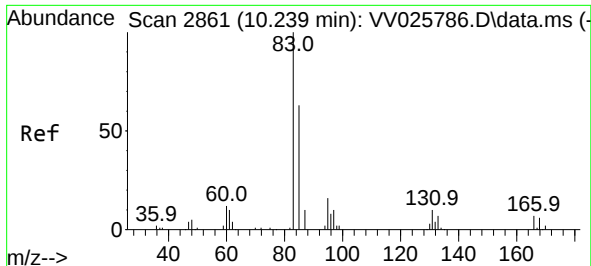
Tgt Ion:106 Resp: 110418
Ion Ratio Lower Upper
106 100
91 209.4 150.4 279.2



#55
Styrene
Concen: 5.078 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion:104 Resp: 192660
Ion Ratio Lower Upper
104 100
78 41.1 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.168 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005239

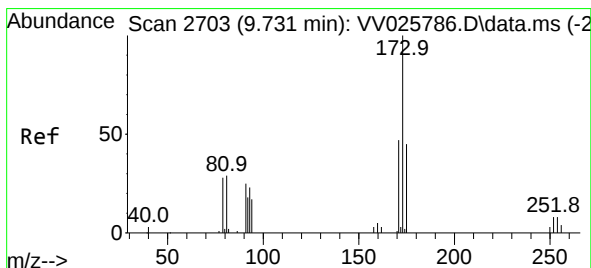
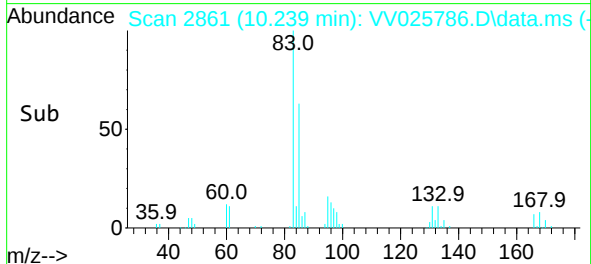
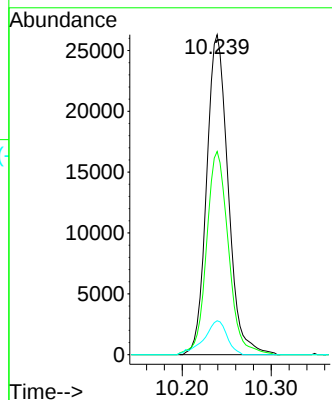
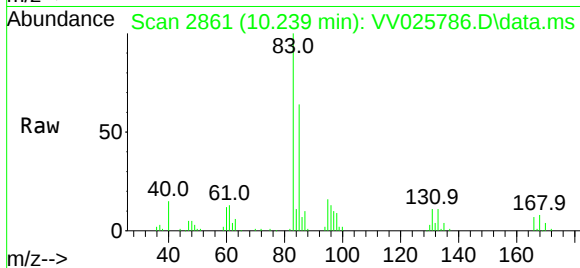
Tgt Ion: 83 Resp: 44046

Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.9

131 10.6 7.9 11.9



#59

Bromoform

Concen: 4.881 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

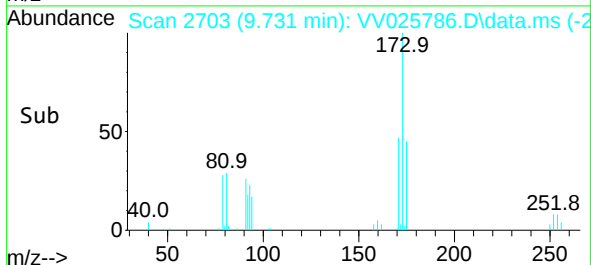
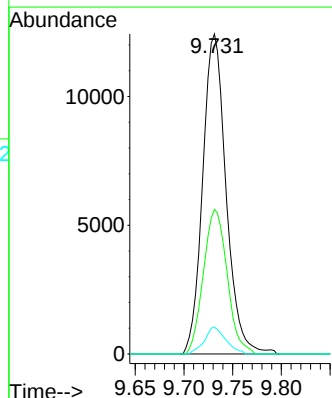
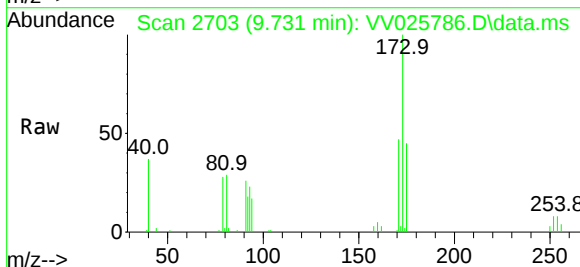
Tgt Ion: 173 Resp: 20751

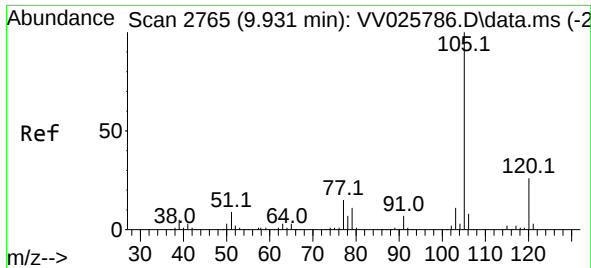
Ion Ratio Lower Upper

173 100

175 45.8 40.8 61.2

254 7.7 7.0 10.6

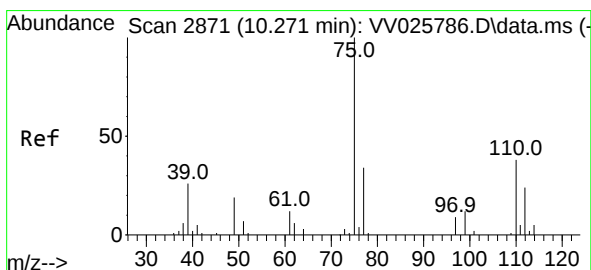
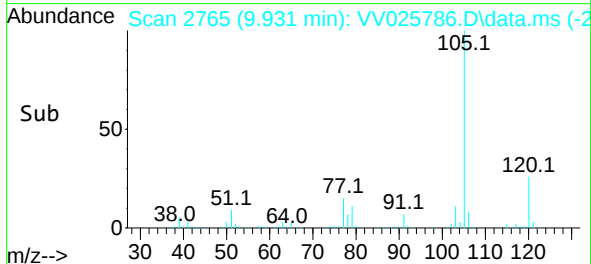
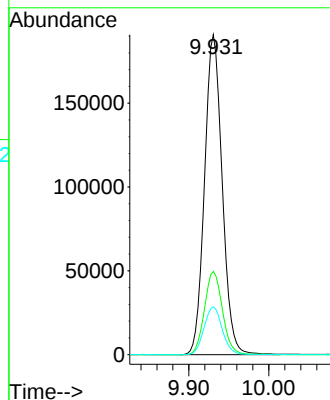
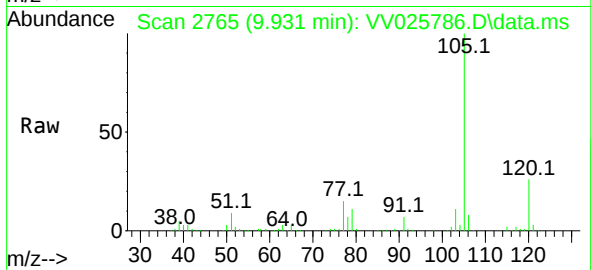




#60
Isopropylbenzene
Concen: 4.683 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

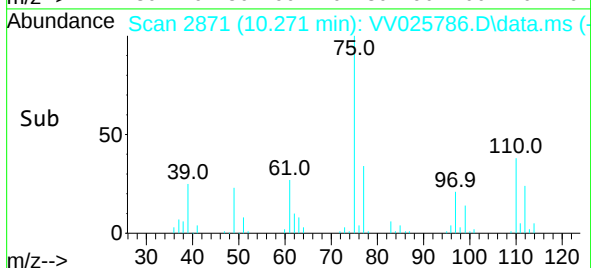
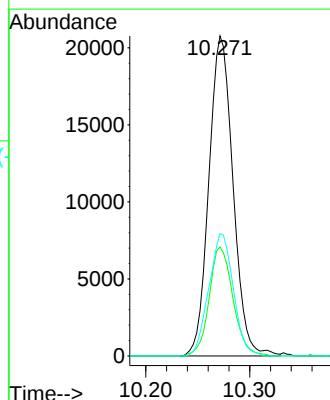
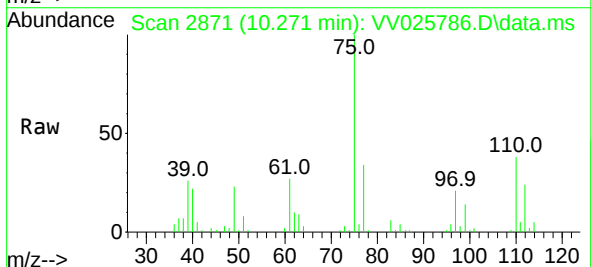
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

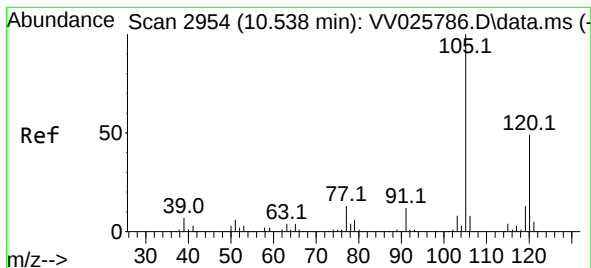
Tgt Ion:105 Resp: 293890
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.949 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion: 75 Resp: 33516
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
110 38.7 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.366 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025786.D

Acq: 03 May 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

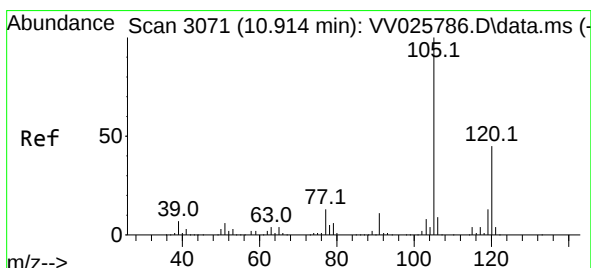
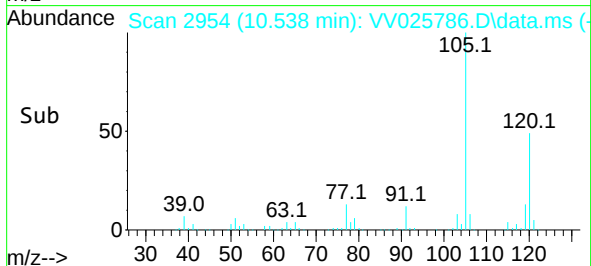
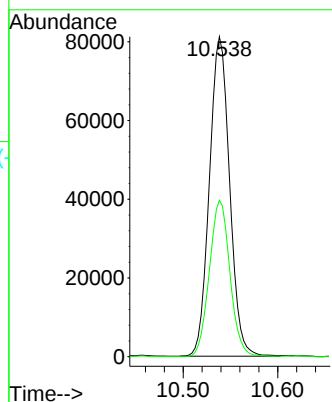
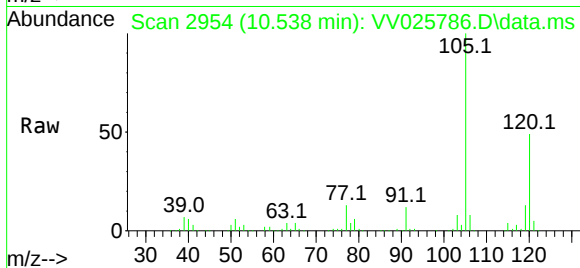
VSTD005239

Tgt Ion:105 Resp: 120643

Ion Ratio Lower Upper

105 100

120 49.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.574 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV025786.D

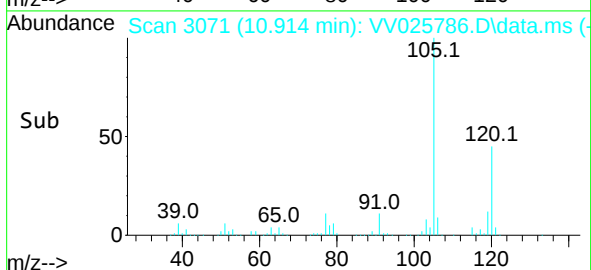
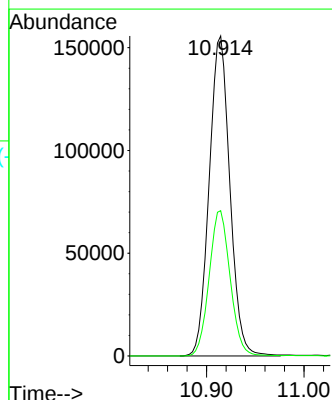
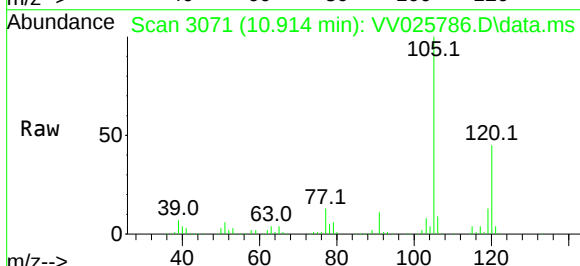
Acq: 03 May 2022 11:46

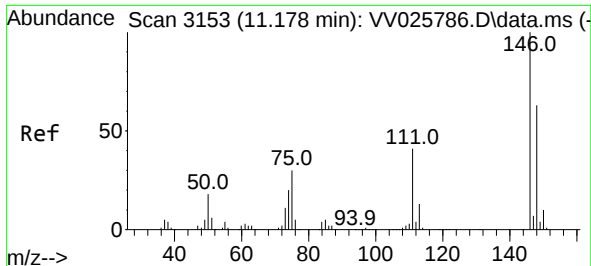
Tgt Ion:105 Resp: 229337

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0

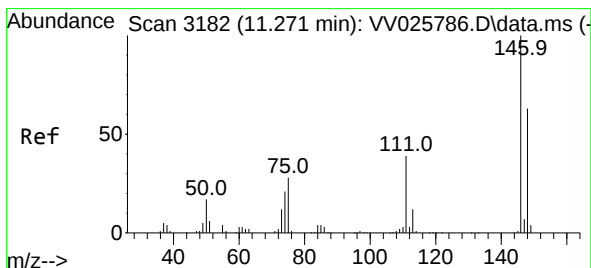
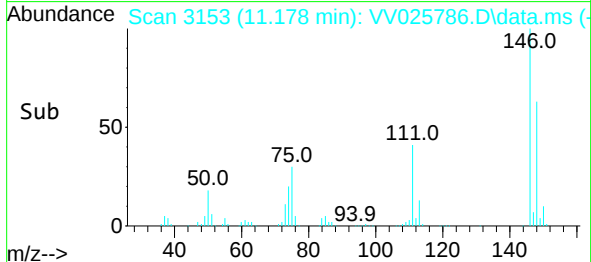
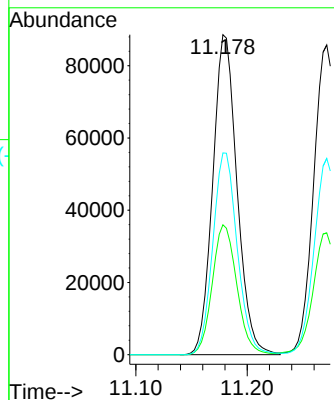
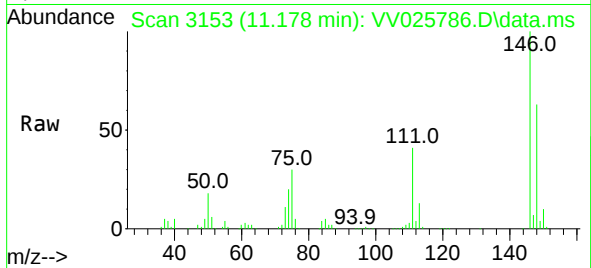




#64
1,3-Dichlorobenzene
Concen: 4.595 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

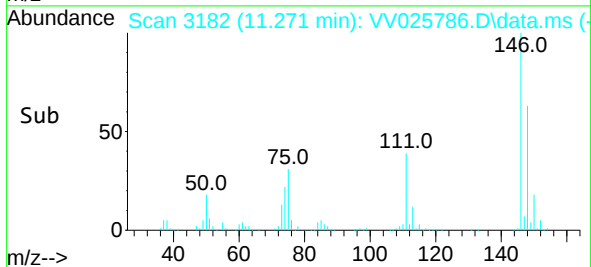
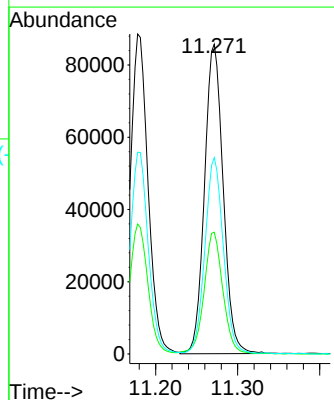
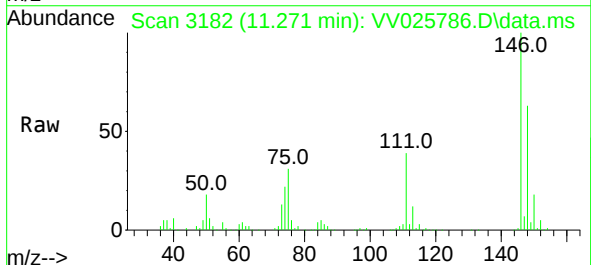
Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

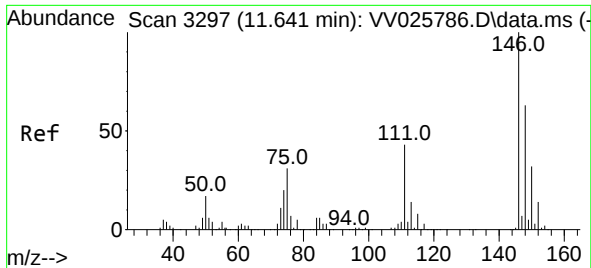
Tgt Ion:146 Resp: 134363
Ion Ratio Lower Upper
146 100
111 40.6 27.4 50.8
148 63.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.572 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion:146 Resp: 135388
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.7
148 63.4 42.8 79.6

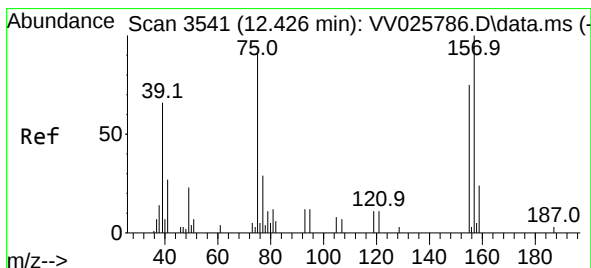
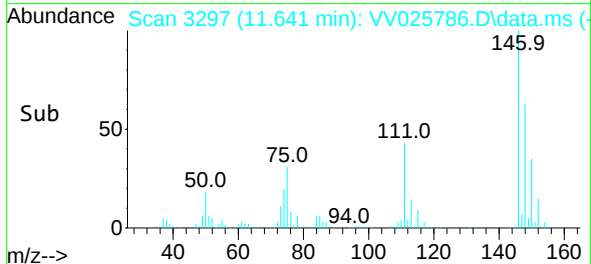
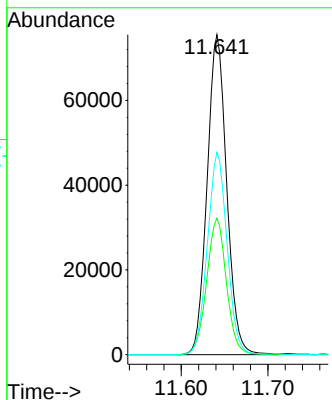
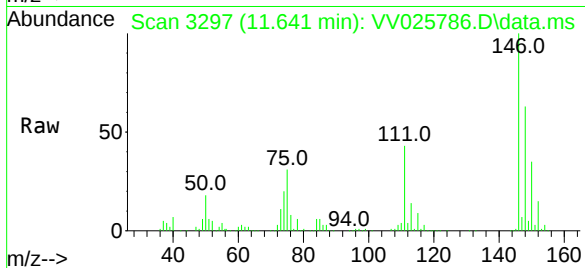




#67
 1,2-Dichlorobenzene
 Concen: 4.585 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

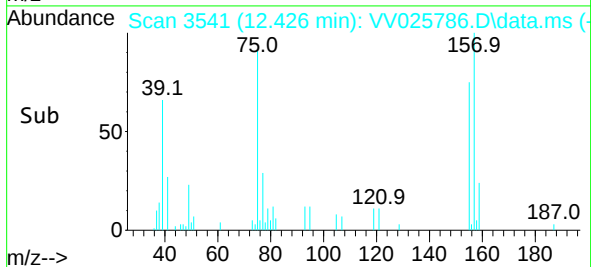
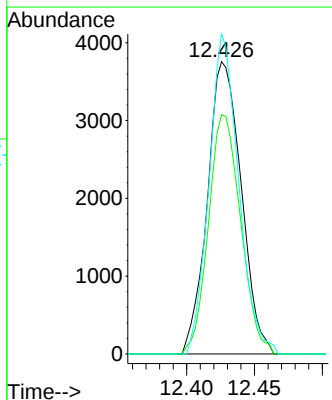
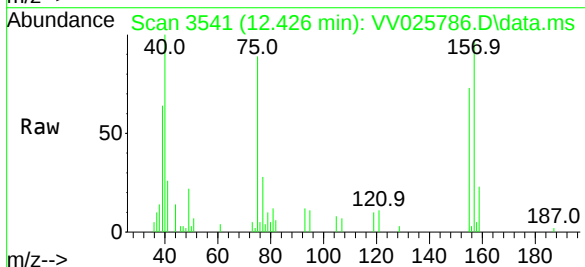
Instrument :
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 ClientSampleId :
 VSTD005239

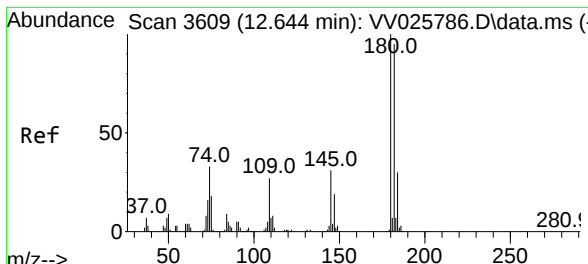
Tgt Ion:146 Resp: 118708
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.6 50.4
 148 63.3 50.0 75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.416 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion: 75 Resp: 6512
 Ion Ratio Lower Upper
 75 100
 155 81.9 65.8 98.8
 157 109.5 86.6 130.0

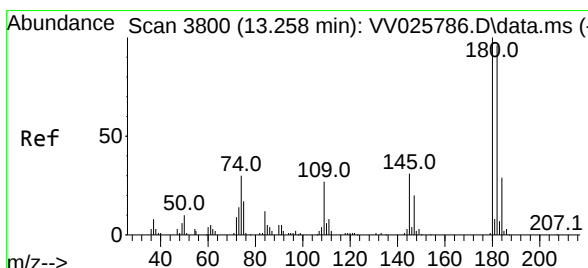
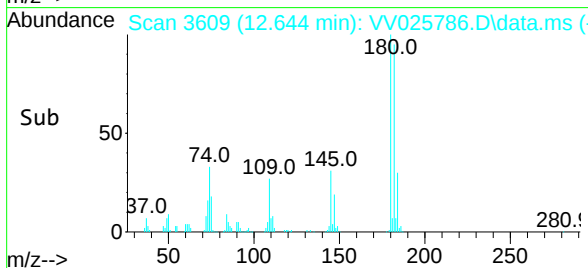
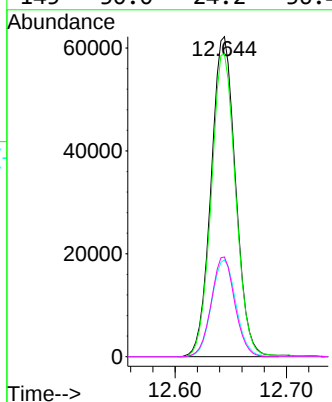
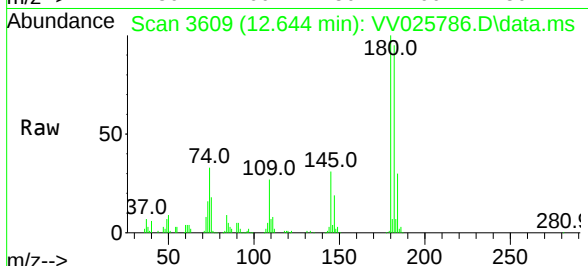




#69
 1,3,5-Trichlorobenzene
 Concen: 4.301 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

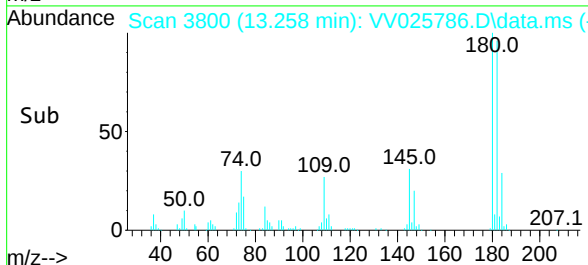
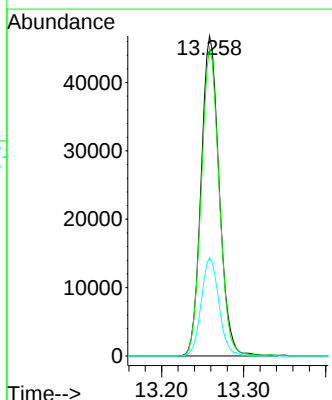
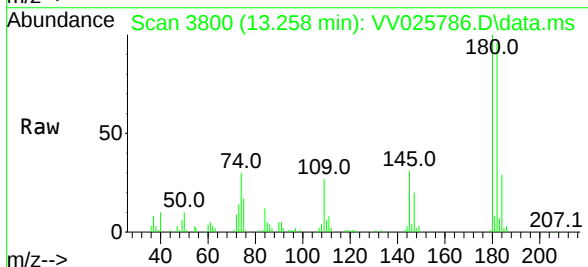
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005239

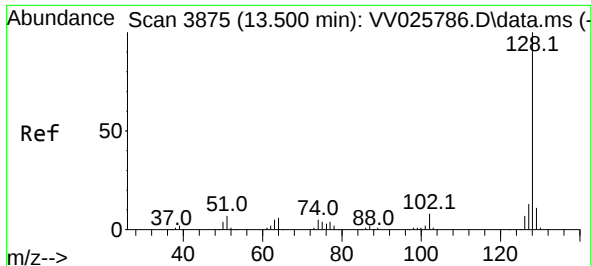
Tgt Ion:180	Resp:	94924
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.3 112.9
184	30.2	23.4 35.2
145	30.0	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.226 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025786.D
 Acq: 03 May 2022 11:46

Tgt Ion:180	Resp:	71541
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.6 114.8
145	30.0	24.6 36.8

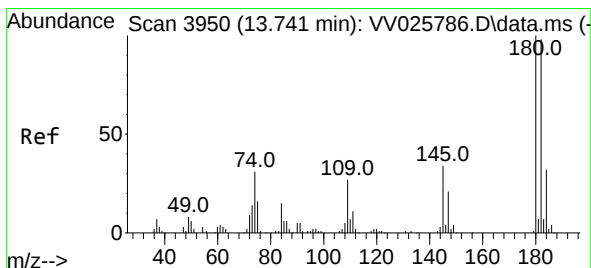
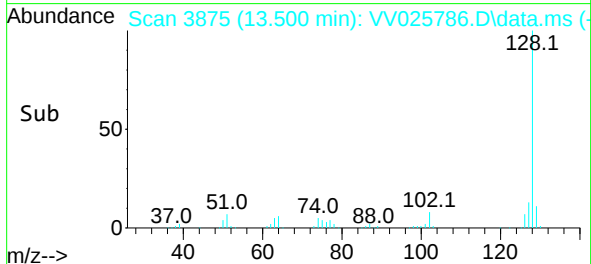
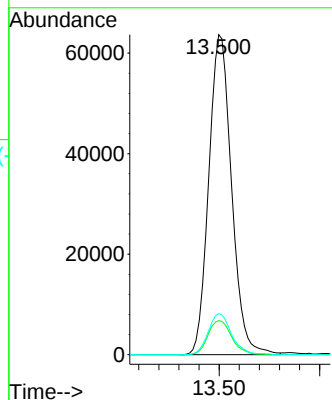
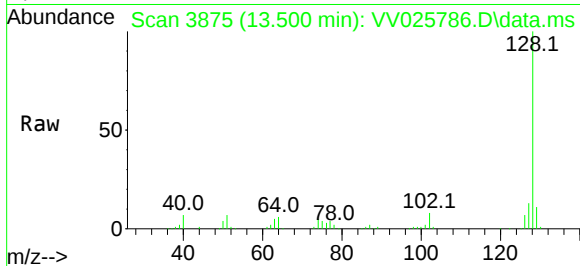




#71
Naphthalene
Concen: 4.062 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005239

Tgt Ion:128 Resp: 100306
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.287 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025786.D
Acq: 03 May 2022 11:46

Tgt Ion:180 Resp: 60253
Ion Ratio Lower Upper
180 100
182 95.8 77.7 116.5
145 32.6 27.4 41.2

