

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025657.D
 Acq On : 20 Apr 2022 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Apr 21 06:45:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105926	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104981	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	41178	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.571	69	42912	4.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.114	63	84141	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.899	46	89197	74.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.920%#
24) Chloroform-d	4.352	84	83922	5.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.037	65	39970	6.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.600%
32) Benzene-d6	5.053	84	151106	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.069	67	48340	5.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.200%
41) Toluene-d8	7.317	98	136332	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.625	79	14959	5.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.088	63	62466	62.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31192	5.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	44554	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	34865	3.644	ug/L	99
3) Chloromethane	1.246	50	58532	5.630	ug/L	100
5) Vinyl chloride	1.317	62	55450	4.719	ug/L	98
6) Bromomethane	1.526	94	36019	4.251	ug/L	97
8) Chloroethane	1.590	64	40737	4.492	ug/L	100
9) Trichlorofluoromethane	1.757	101	70818	4.291	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	37463	4.041	ug/L	98
12) 1,1-Dichloroethene	2.124	96	38955	4.240	ug/L	90
13) Acetone	2.191	43	60723	74.683	ug/L	94
14) Carbon disulfide	2.301	76	81344	3.699	ug/L	99
15) Methyl Acetate	2.449	43	14006	7.751	ug/L	94
16) Methylene chloride	2.510	84	49438	5.550	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	87620	6.163	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	34124	4.432	ug/L	96
19) 1,1-Dichloroethane	3.195	63	74711	5.729	ug/L	99
21) 2-Butanone	3.982	43	86317	76.828	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	41250	5.089	ug/L	95
23) Bromochloromethane	4.249	128	19214	5.710	ug/L	90
25) Chloroform	4.378	83	82090	5.964	ug/L	99

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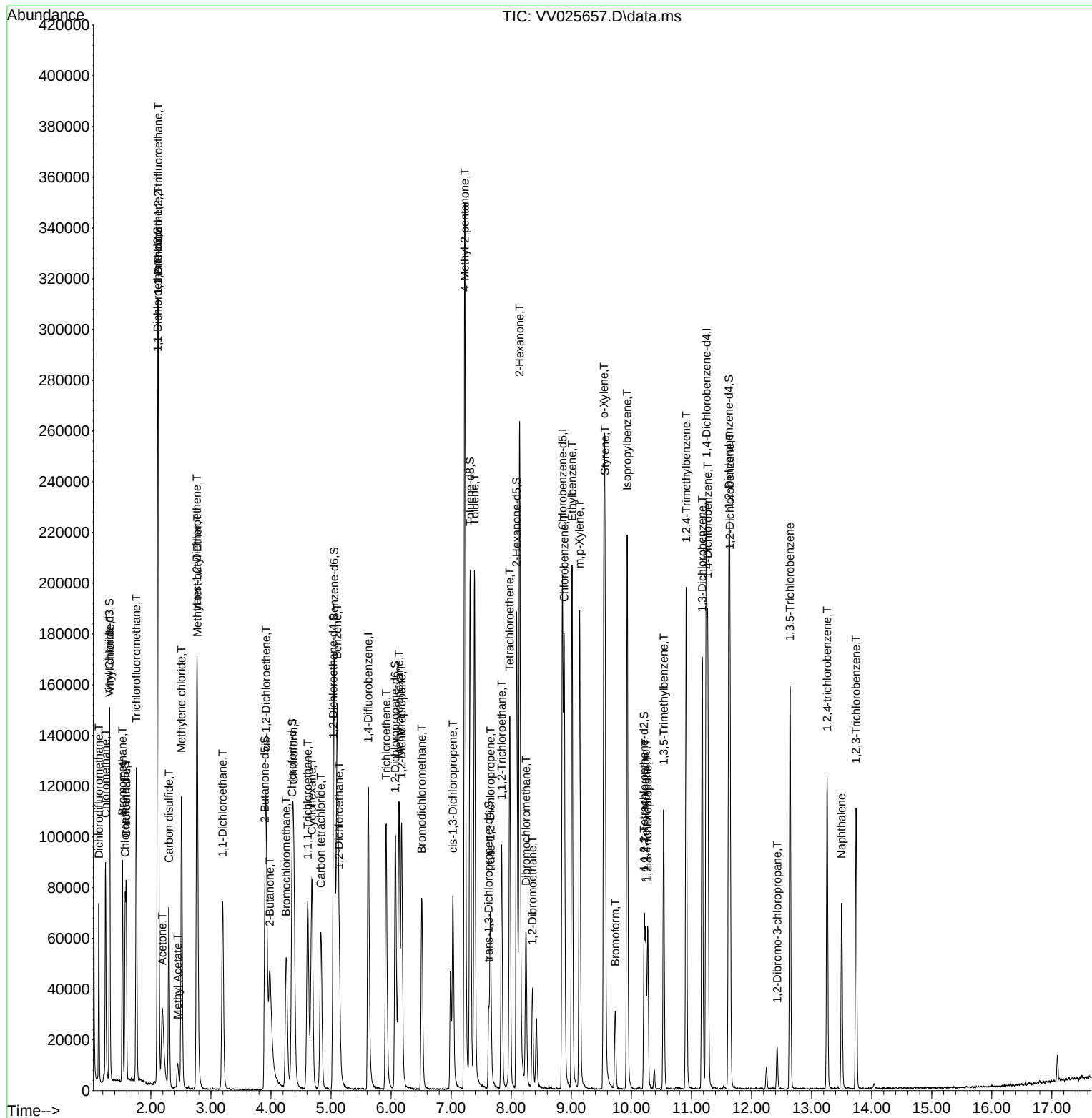
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45859	6.315	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	58103	4.693	ug/L	98
30) Cyclohexane	4.680	56	39550	3.513	ug/L	97
31) Carbon tetrachloride	4.831	117	46316	4.423	ug/L	99
33) Benzene	5.101	78	152504	4.918	ug/L	100
34) Trichloroethene	5.918	95	36978	4.491	ug/L	96
35) Methylcyclohexane	6.133	83	45003	3.425	ug/L	96
37) 1,2-Dichloropropane	6.175	63	41353	5.764	ug/L	99
38) Bromodichloromethane	6.510	83	50582	5.679	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	47255	5.026	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	221682	77.172	ug/L	95
42) Toluene	7.387	91	151126	4.480	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	39008	5.340	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	28976	6.031	ug/L	98
47) Tetrachloroethene	7.976	164	31498	4.886	ug/L	96
48) 2-Hexanone	8.140	43	160346	80.097	ug/L	94
49) Dibromochloromethane	8.246	129	30930	5.864	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25135	5.570	ug/L	92
51) Chlorobenzene	8.882	112	94929	4.407	ug/L	98
52) Ethylbenzene	9.011	91	141383	3.930	ug/L	99
53) m,p-Xylene	9.136	106	54427	3.979	ug/L	96
54) o-Xylene	9.545	106	52440	3.947	ug/L	98
55) Styrene	9.561	104	92010	4.259	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	28875	6.015	ug/L	97
59) Bromoform	9.731	173	13163	5.905	ug/L	95
60) Isopropylbenzene	9.931	105	135101	4.041	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	24503	6.889	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	57405	3.851	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	103428	3.851	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	66541	4.264	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	66881	4.222	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	62551	4.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4360	7.090	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	45231	3.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	34851	3.808	ug/L	98
71) Naphthalene	13.500	128	58187	4.334	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	31446	4.150	ug/L	97

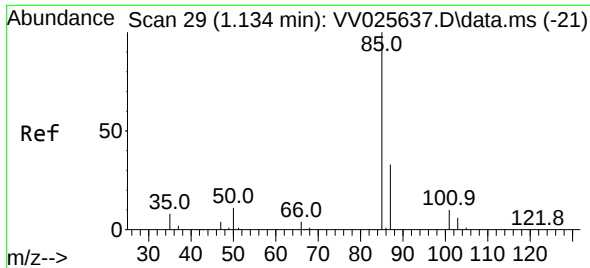
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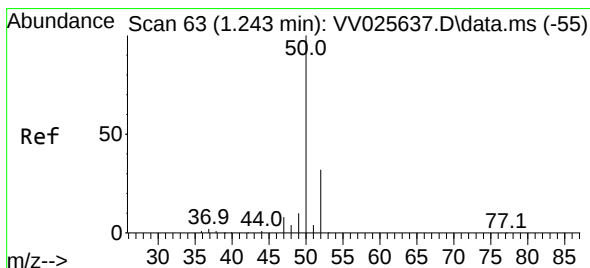
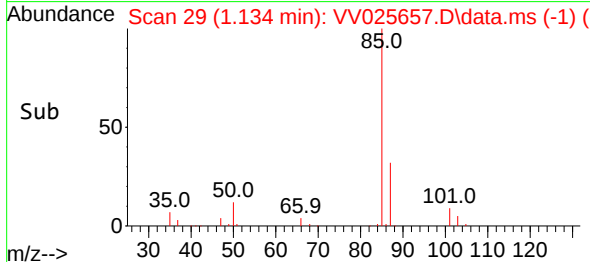
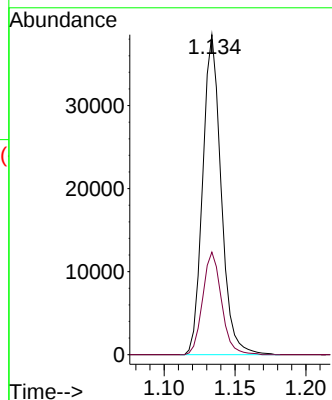
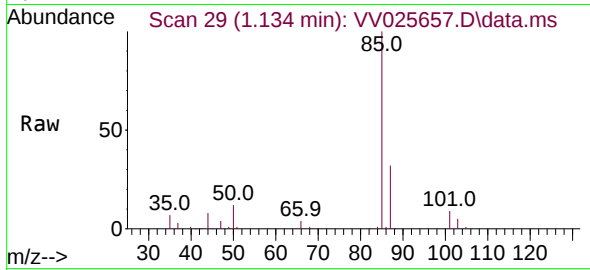




#2
 Dichlorodifluoromethane
 Concen: 3.644 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

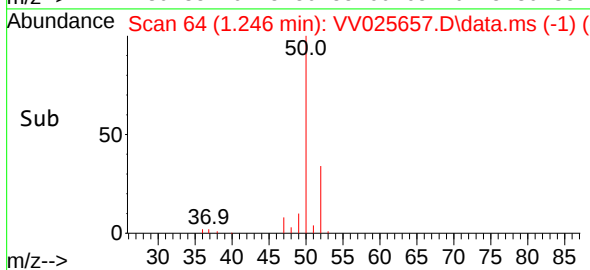
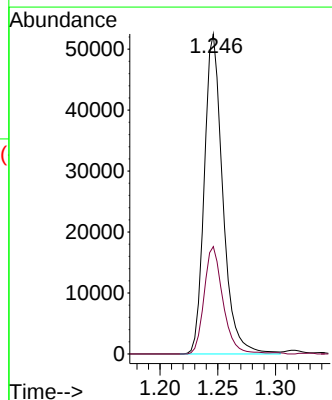
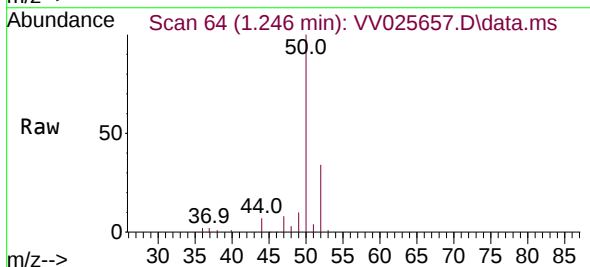
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

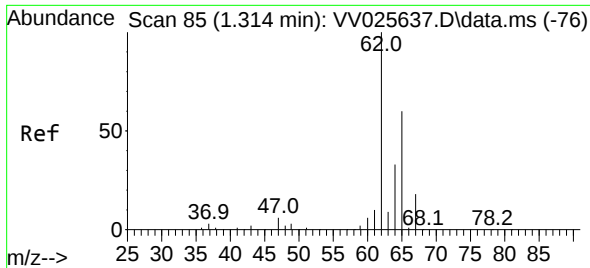
Tgt Ion: 85 Resp: 34865
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 5.630 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

Tgt Ion: 50 Resp: 58532
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

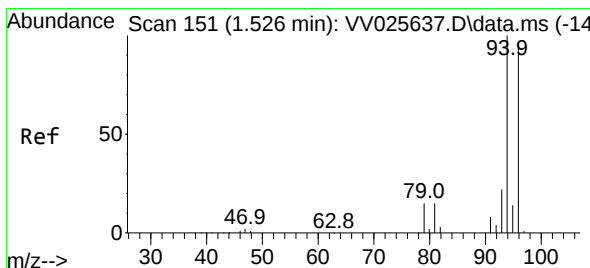
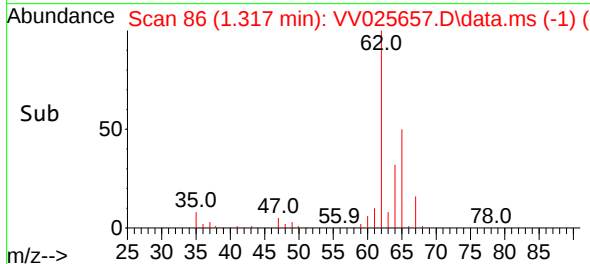
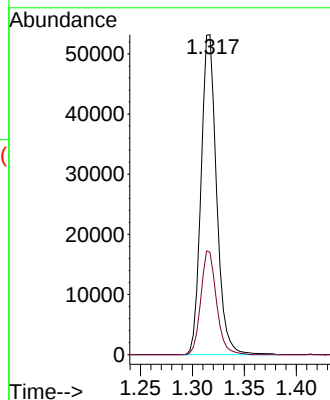
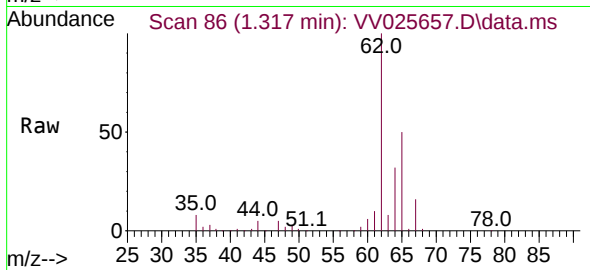




#5
 Vinyl chloride
 Concen: 4.719 ug/L
 RT: 1.317 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

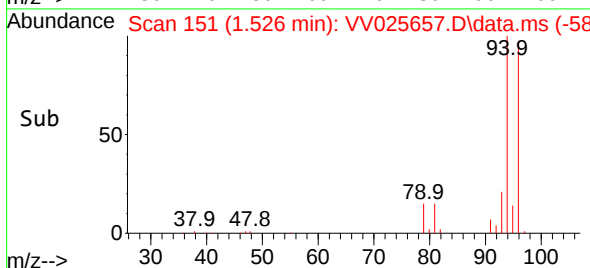
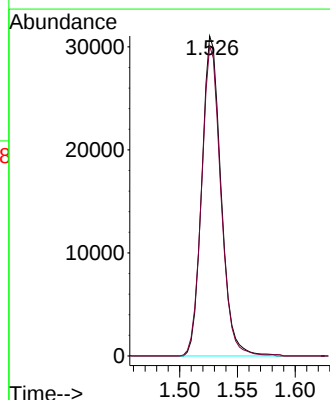
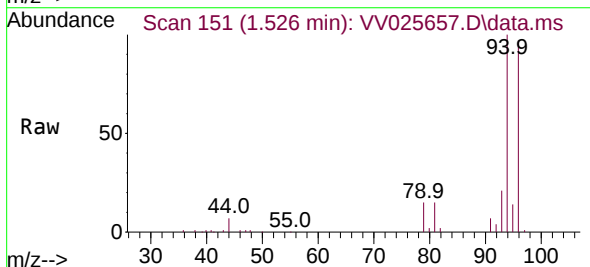
Instrument :
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 ClientSampleId :
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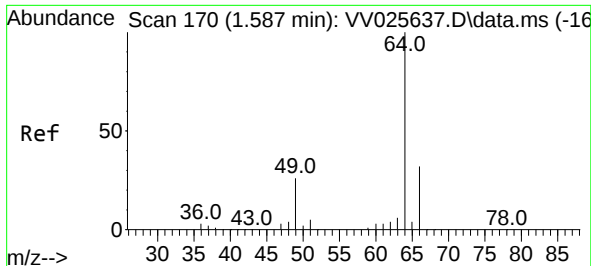
Tgt Ion: 62 Resp: 55450
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.251 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

Tgt Ion: 94 Resp: 36019
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.1 122.7





#8

Chloroethane

Concen: 4.492 ug/L

RT: 1.590 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

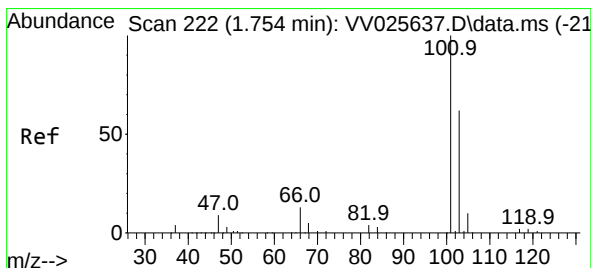
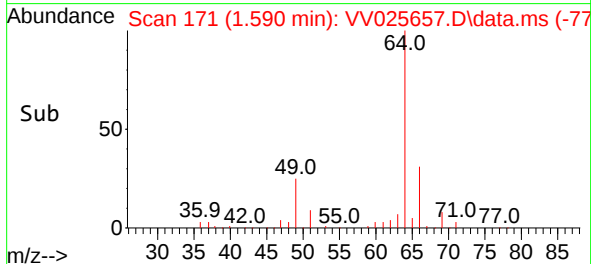
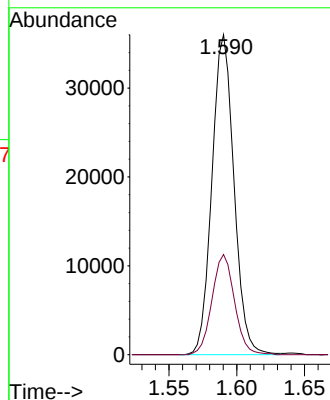
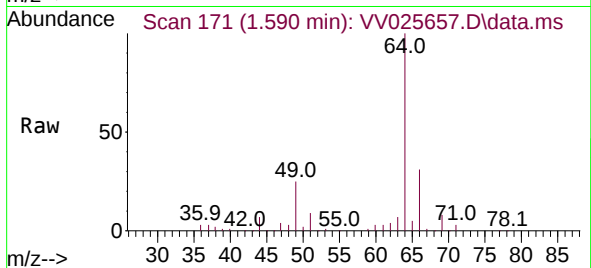
VSTD005387

Tgt Ion: 64 Resp: 40737

Ion Ratio Lower Upper

64 100

66 31.3 21.8 40.6



#9

Trichlorofluoromethane

Concen: 4.291 ug/L

RT: 1.757 min Scan# 223

Delta R.T. 0.003 min

Lab File: VV025657.D

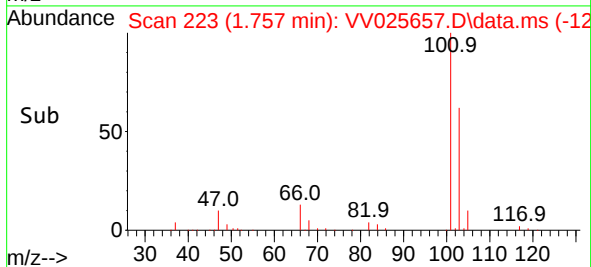
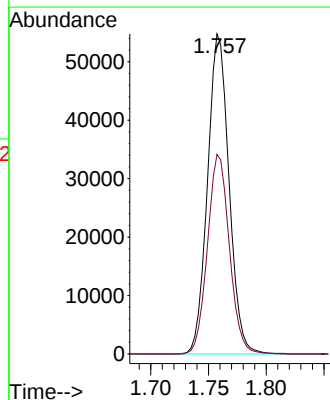
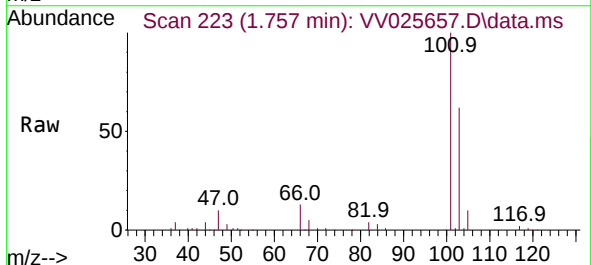
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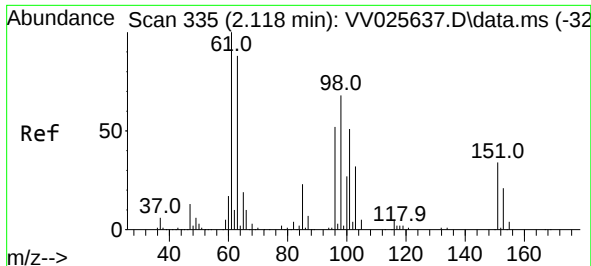
Tgt Ion: 101 Resp: 70818

Ion Ratio Lower Upper

101 100

103 63.6 51.9 77.9

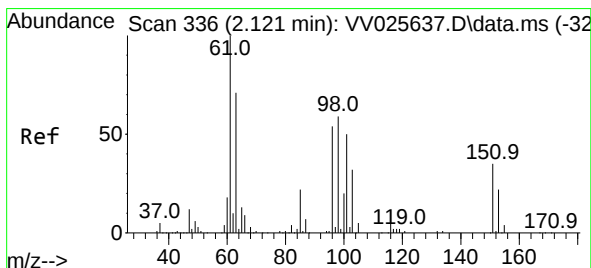
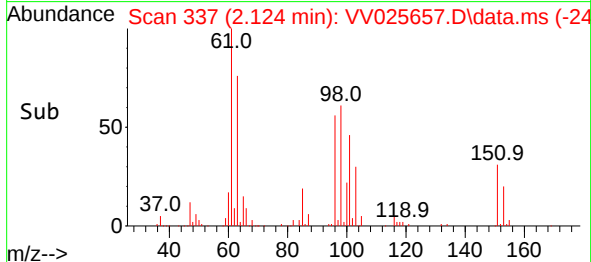
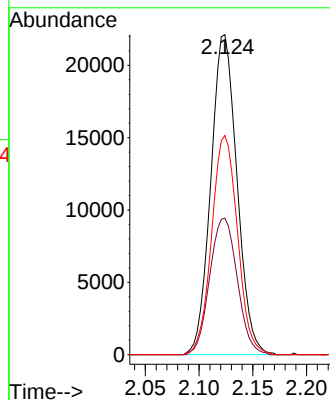
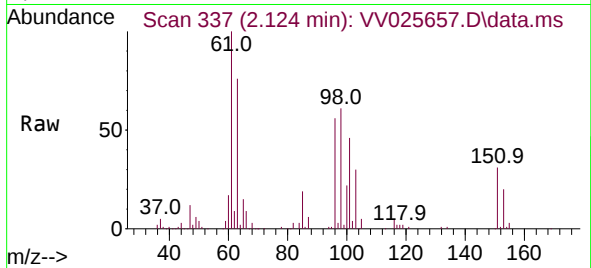




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.041 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

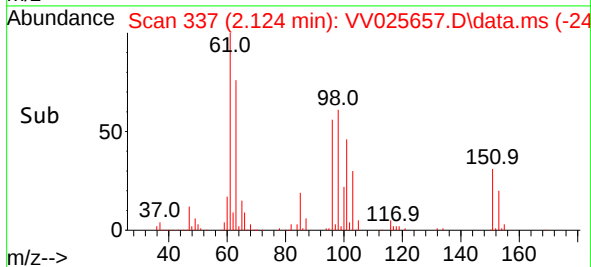
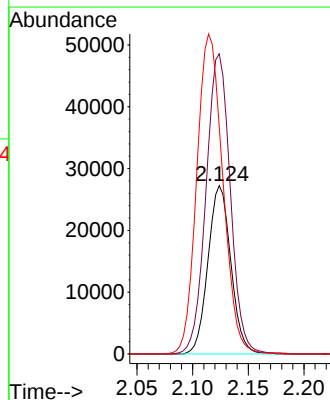
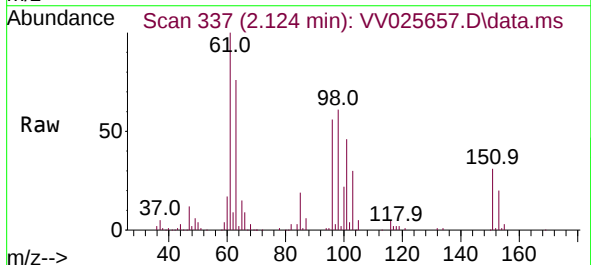
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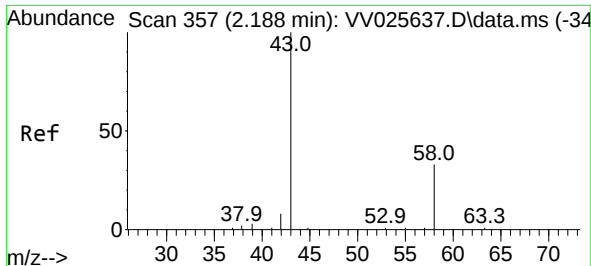
Tgt Ion:101 Resp: 37463
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.9 53.9
 151 67.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.240 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

Tgt Ion: 96 Resp: 38955
 Ion Ratio Lower Upper
 96 100
 61 178.4 125.2 232.4
 63 135.1 114.4 212.4





#13

Acetone

Concen: 74.683 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

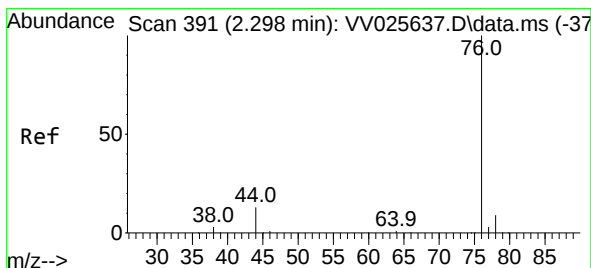
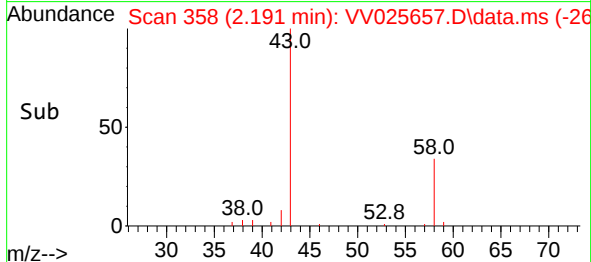
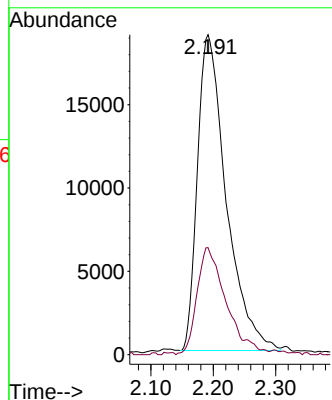
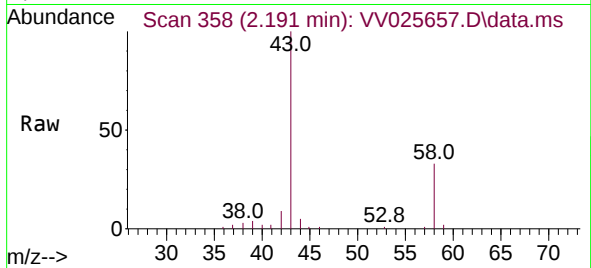
VSTD005387

Tgt Ion: 43 Resp: 60723

Ion Ratio Lower Upper

43 100

58 32.3 0.0 72.2



#14

Carbon disulfide

Concen: 3.699 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

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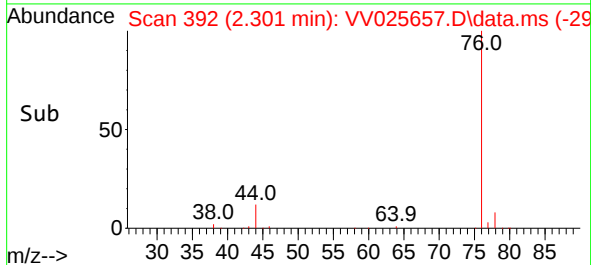
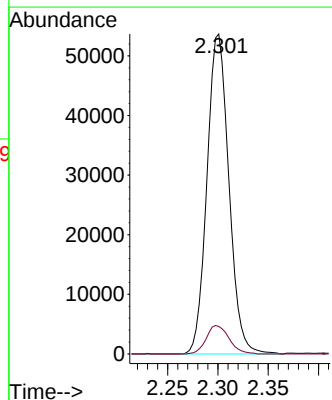
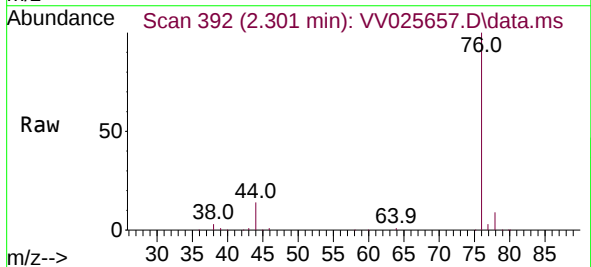
Acq: 20 Apr 2022 19:30

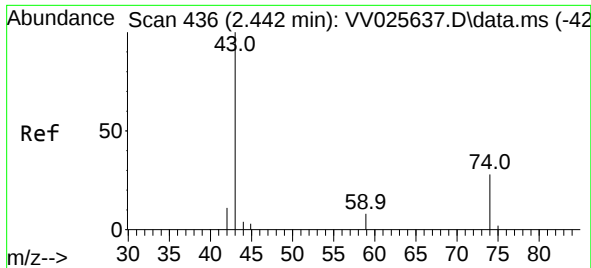
Tgt Ion: 76 Resp: 81344

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





#15

Methyl Acetate

Concen: 7.751 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025657.D

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MSVOA_V

ClientSampleId :

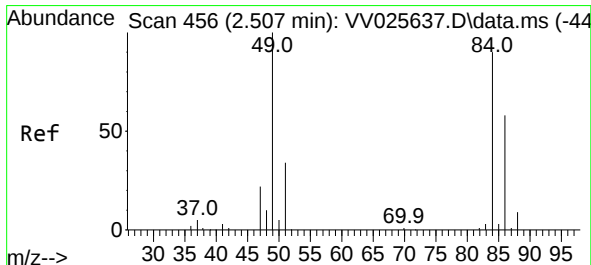
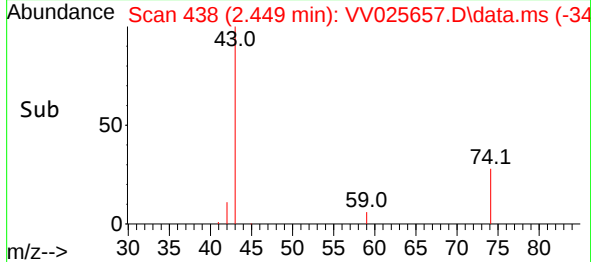
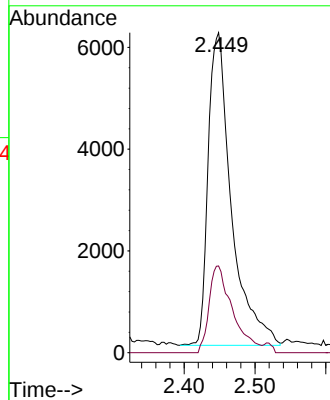
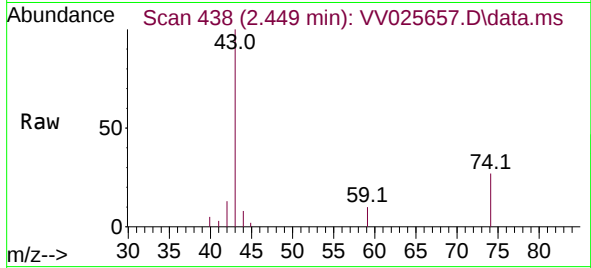
VSTD005387

Tgt Ion: 43 Resp: 14006

Ion Ratio Lower Upper

43 100

74 28.1 25.2 37.8



#16

Methylene chloride

Concen: 5.550 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

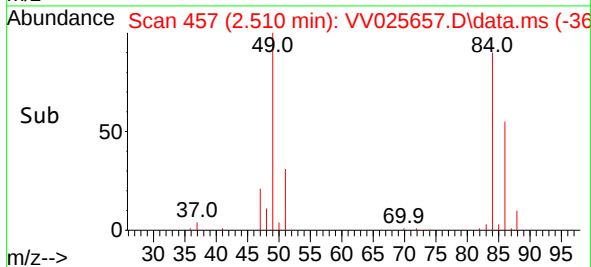
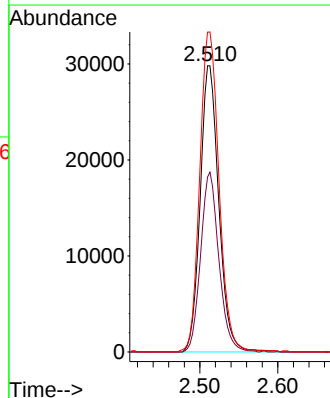
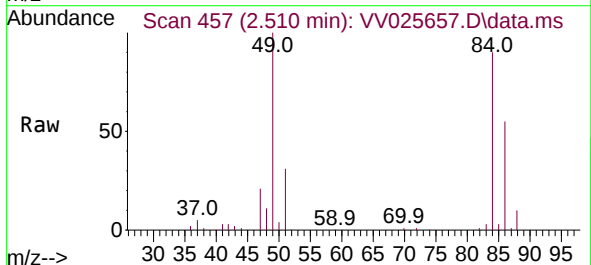
Tgt Ion: 84 Resp: 49438

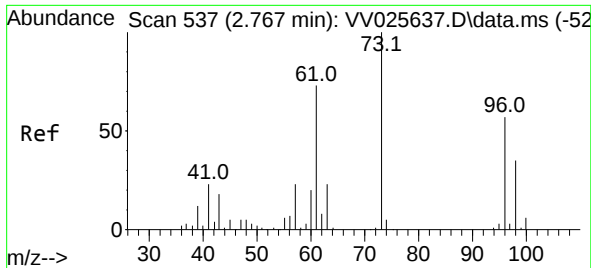
Ion Ratio Lower Upper

84 100

86 61.1 45.9 85.3

49 111.7 76.6 142.3

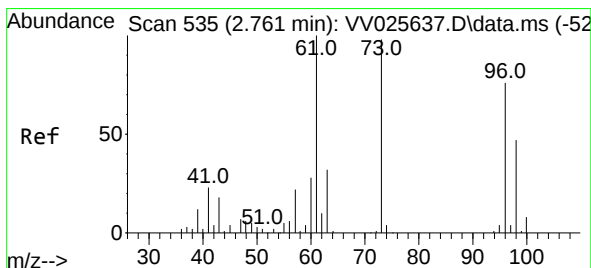
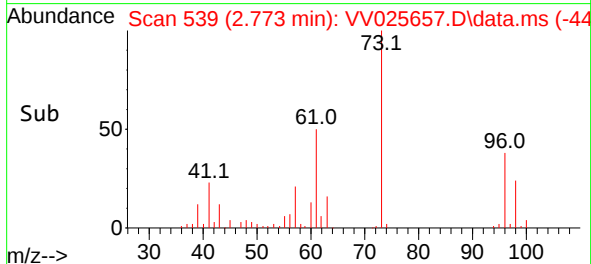
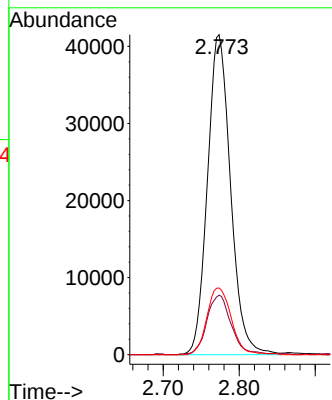
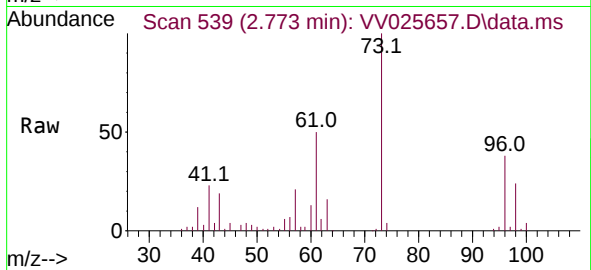




#17
Methyl tert-butyl Ether
Concen: 6.163 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

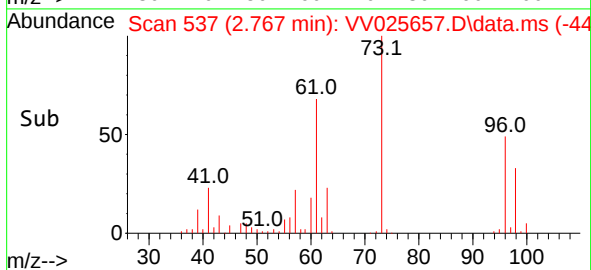
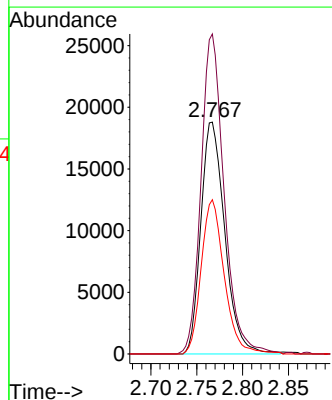
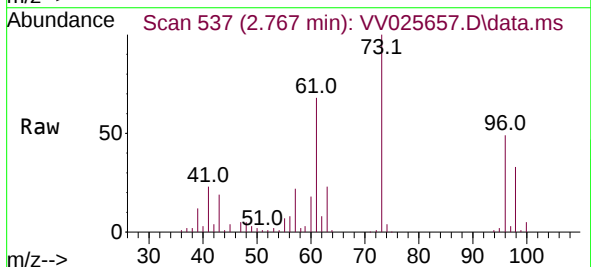
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

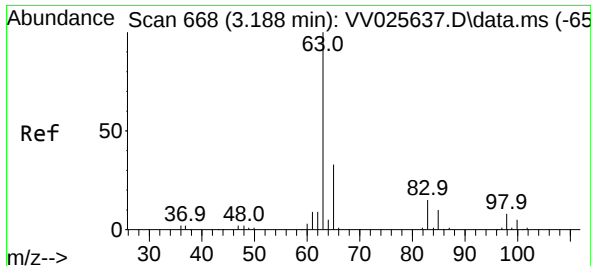
Tgt Ion: 73 Resp: 87620
Ion Ratio Lower Upper
73 100
43 19.8 14.2 21.4
57 22.0 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.432 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion: 96 Resp: 34124
Ion Ratio Lower Upper
96 100
61 138.1 92.1 171.1
98 66.5 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.729 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

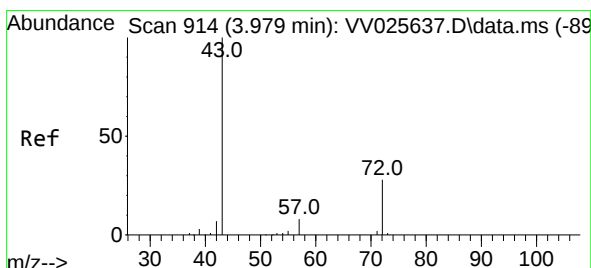
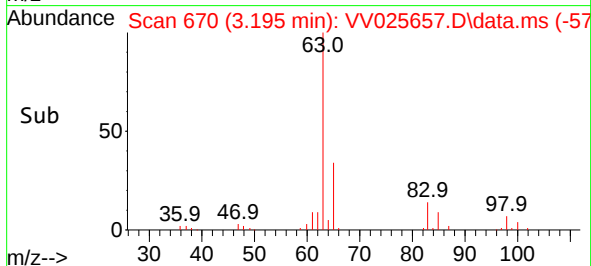
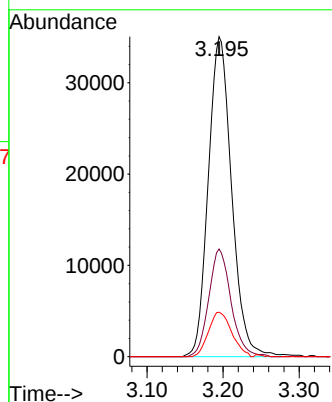
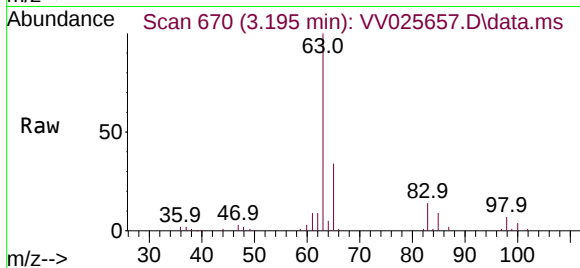
Tgt Ion: 63 Resp: 74711

Ion Ratio Lower Upper

63 100

65 33.7 23.2 43.0

83 13.9 9.0 16.8



#21

2-Butanone

Concen: 76.828 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV025657.D

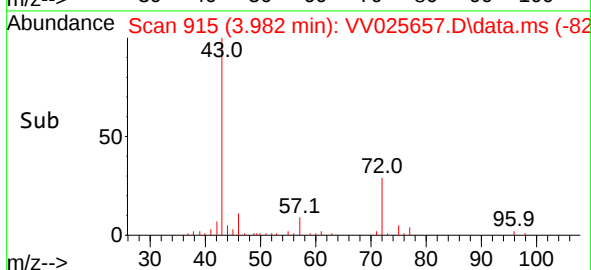
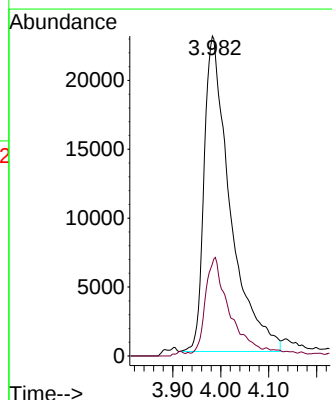
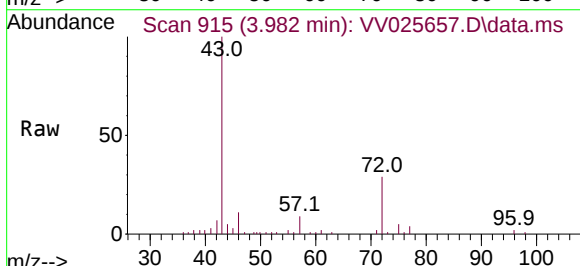
Acq: 20 Apr 2022 19:30

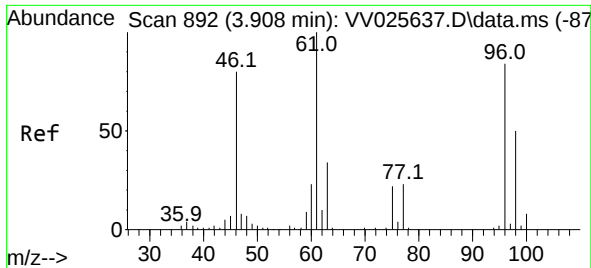
Tgt Ion: 43 Resp: 86317

Ion Ratio Lower Upper

43 100

72 27.2 15.2 45.6

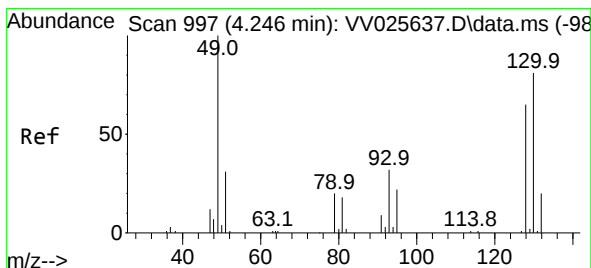
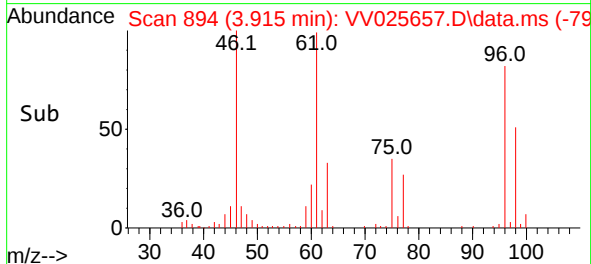
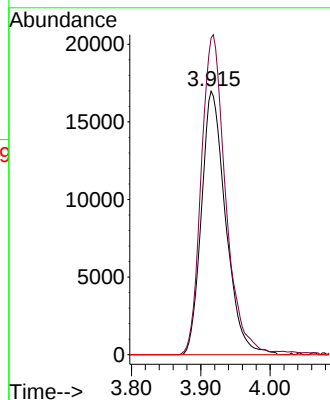
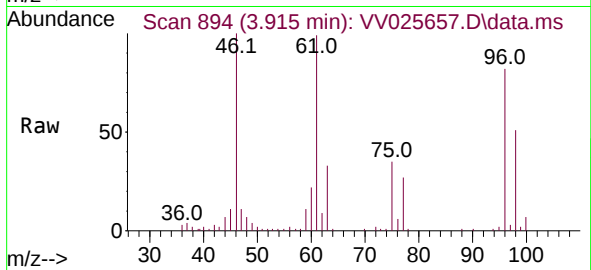




#22
 cis-1,2-Dichloroethene
 Concen: 5.089 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

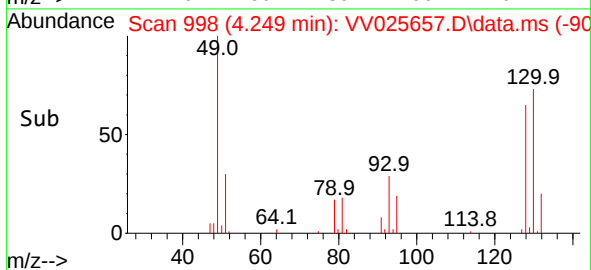
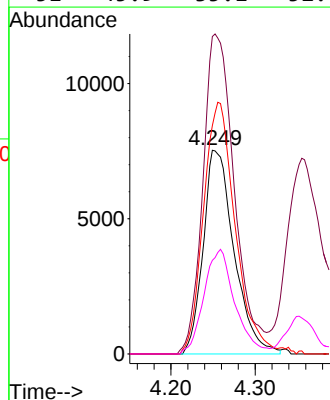
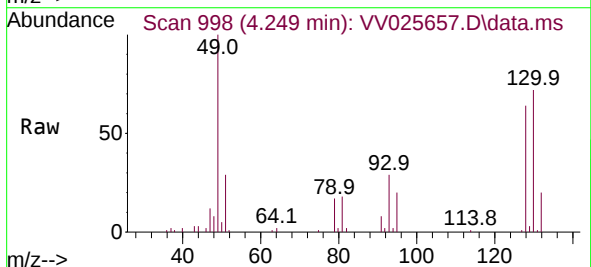
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

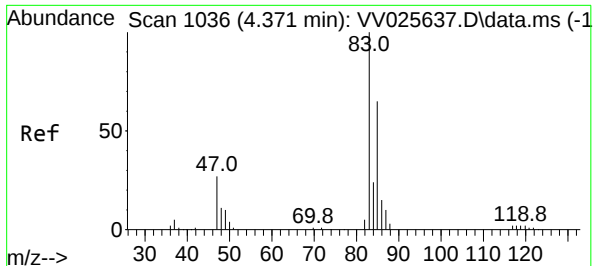
Tgt Ion: 96 Resp: 41250
 Ion Ratio Lower Upper
 96 100
 61 120.2 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.710 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

Tgt Ion: 128 Resp: 19214
 Ion Ratio Lower Upper
 128 100
 49 155.8 100.5 186.7
 130 112.1 87.8 163.0
 51 45.9 35.1 52.7





#25

Chloroform

Concen: 5.964 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

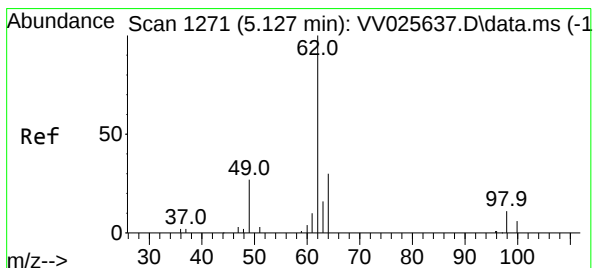
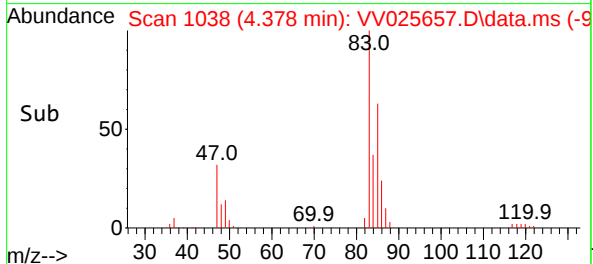
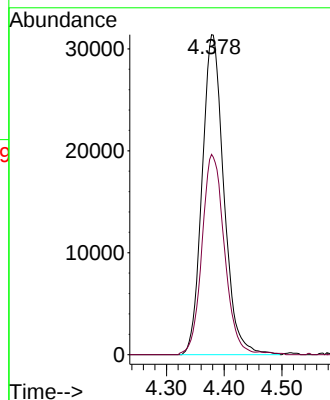
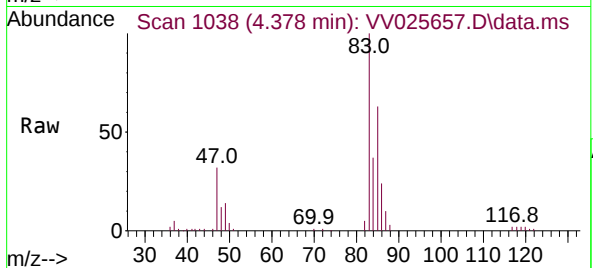
VSTD005387

Tgt Ion: 83 Resp: 82090

Ion Ratio Lower Upper

83 100

85 62.6 43.5 80.7



#27

1,2-Dichloroethane

Concen: 6.315 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025657.D

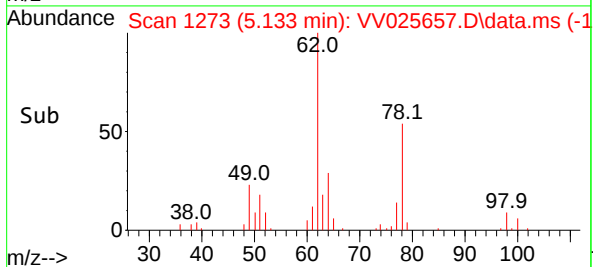
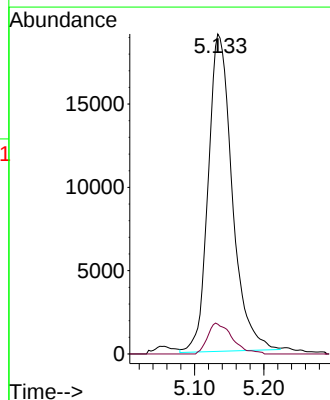
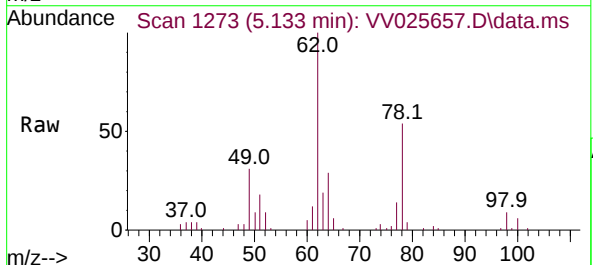
Acq: 20 Apr 2022 19:30

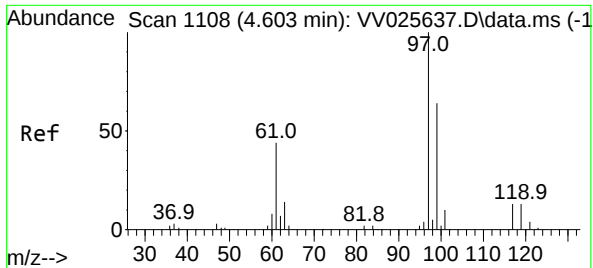
Tgt Ion: 62 Resp: 45859

Ion Ratio Lower Upper

62 100

98 9.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.693 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

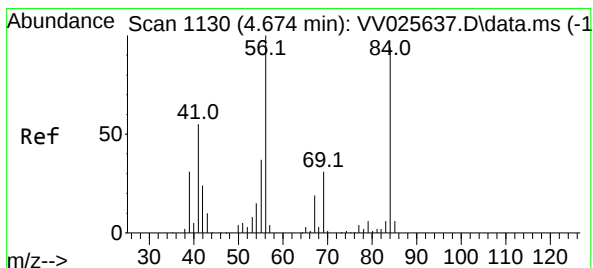
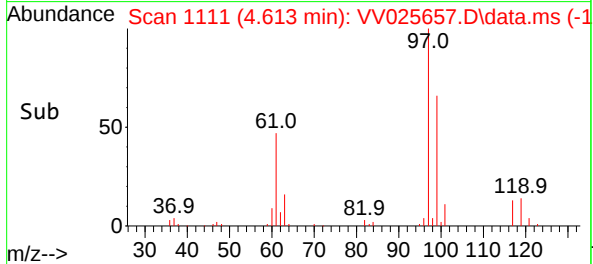
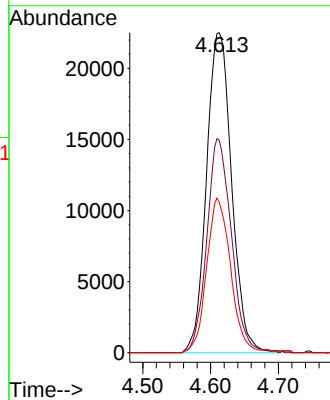
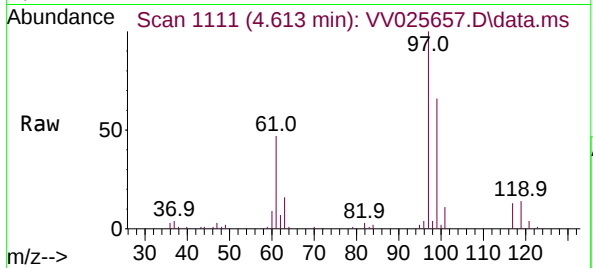
Tgt Ion: 97 Resp: 58103

Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 45.8 34.3 51.5



#30

Cyclohexane

Concen: 3.513 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

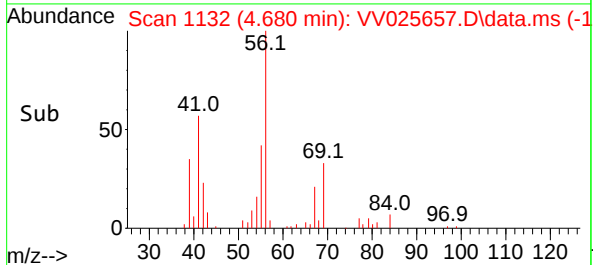
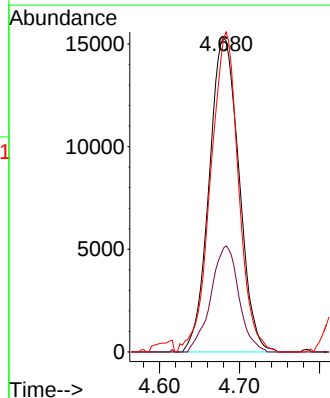
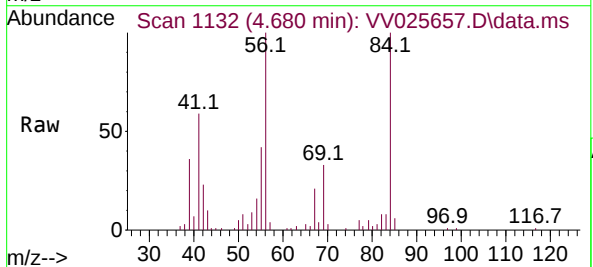
Tgt Ion: 56 Resp: 39550

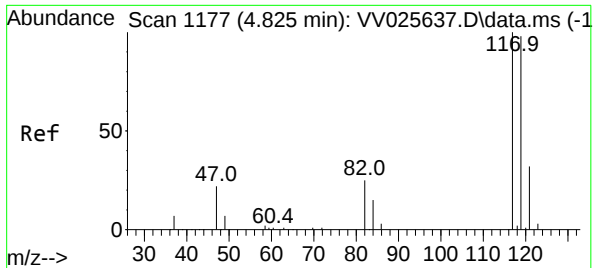
Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

84 95.3 78.6 118.0

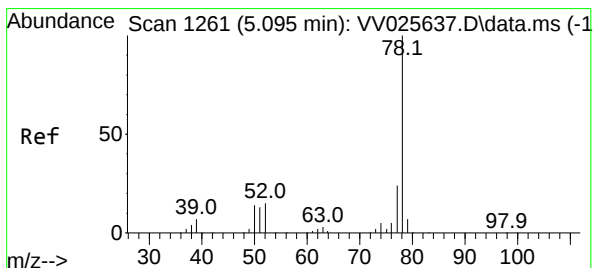
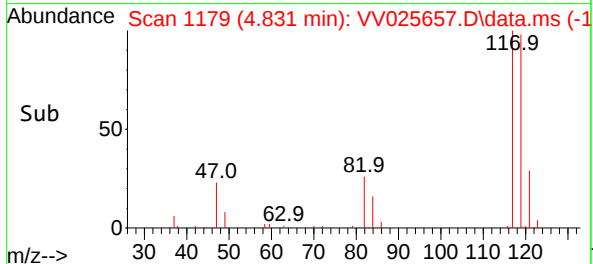
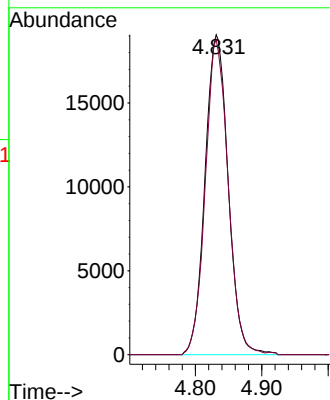
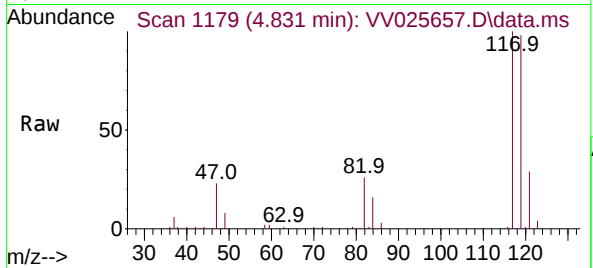




#31
Carbon tetrachloride
Concen: 4.423 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

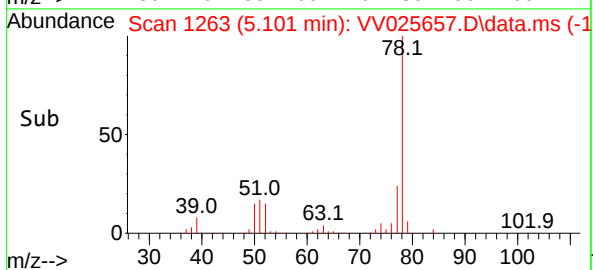
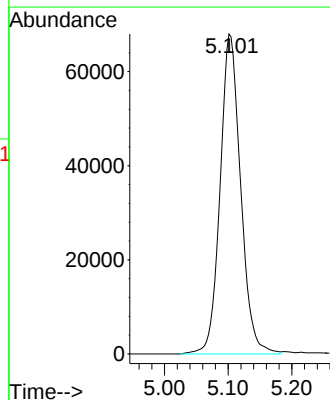
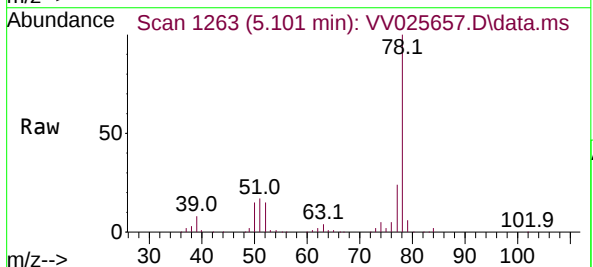
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

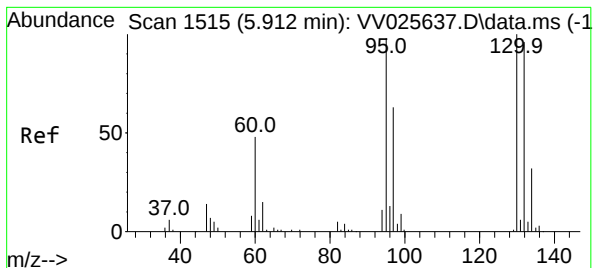
Tgt Ion:117 Resp: 46316
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 4.918 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion: 78 Resp: 152504





#34

Trichloroethene

Concen: 4.491 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

Tgt Ion: 95 Resp: 36978

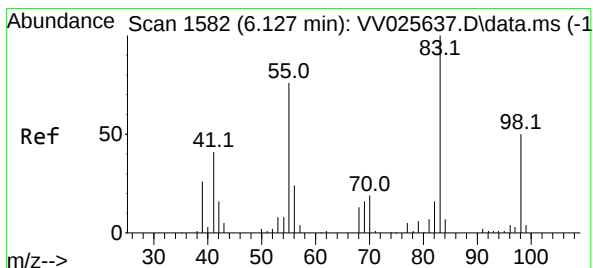
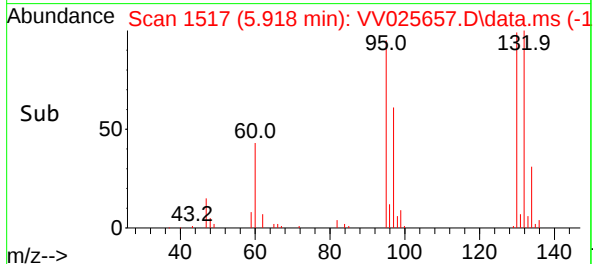
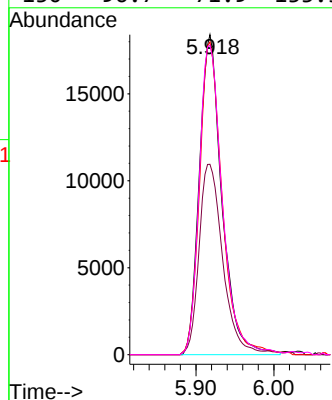
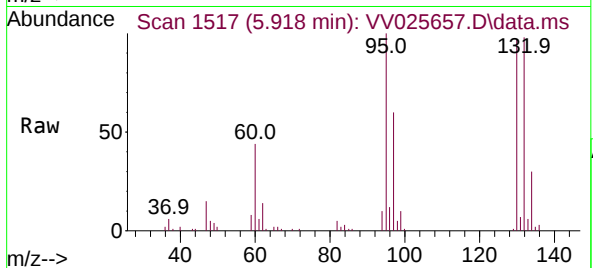
Ion Ratio Lower Upper

95 100

97 59.5 45.8 85.2

132 97.7 68.0 126.4

130 96.7 71.9 133.5



#35

Methylcyclohexane

Concen: 3.425 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

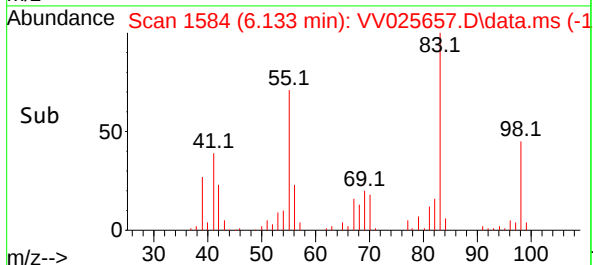
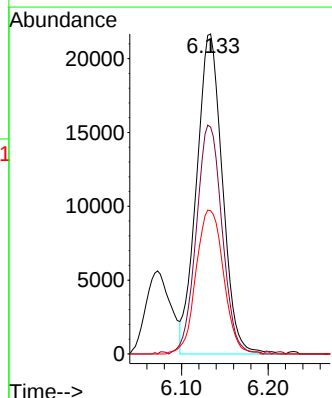
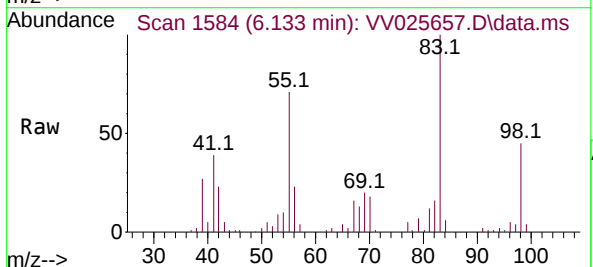
Tgt Ion: 83 Resp: 45003

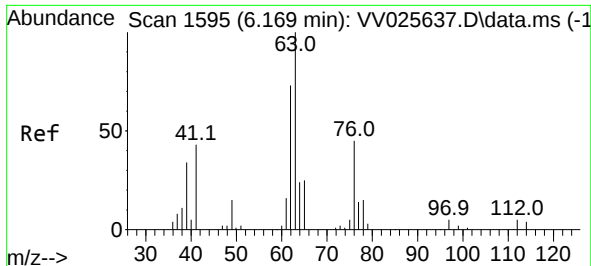
Ion Ratio Lower Upper

83 100

55 71.4 53.7 80.5

98 48.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.764 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

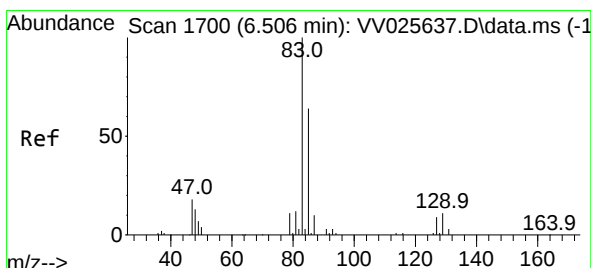
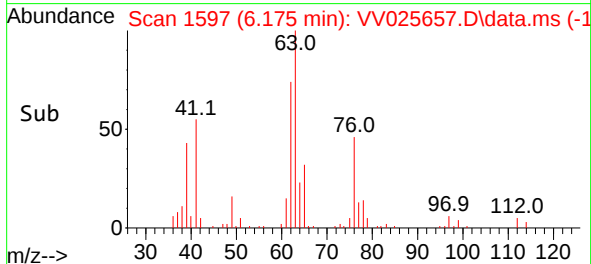
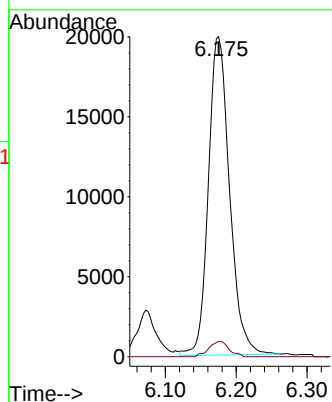
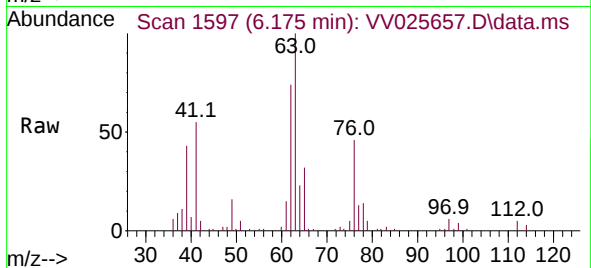
VSTD005387

Tgt Ion: 63 Resp: 41353

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 5.679 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

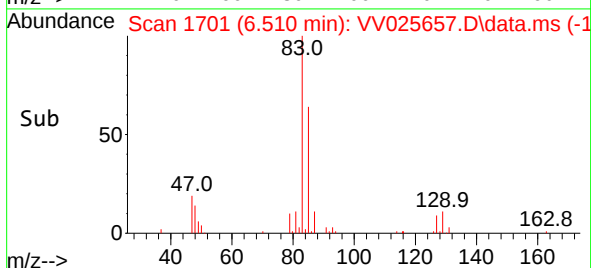
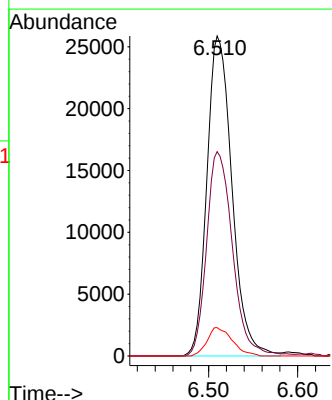
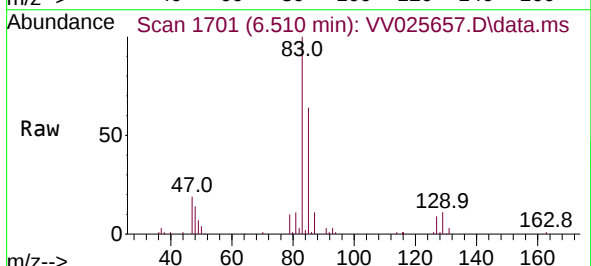
Tgt Ion: 83 Resp: 50582

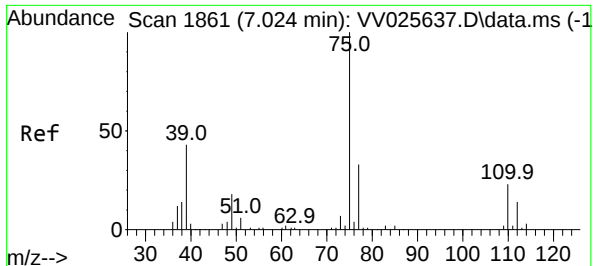
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.026 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

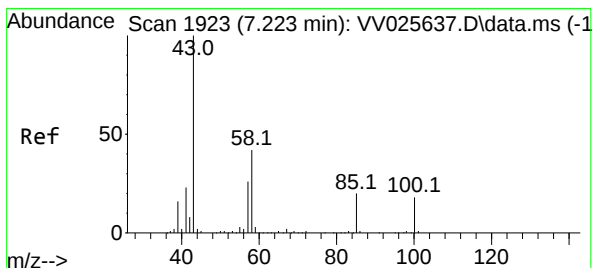
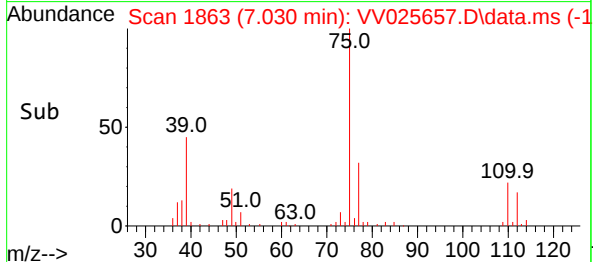
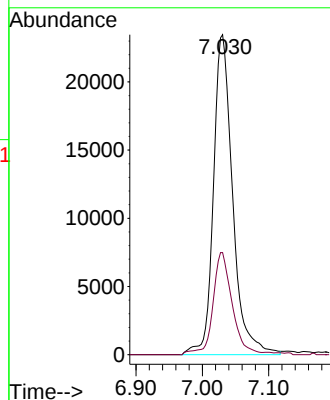
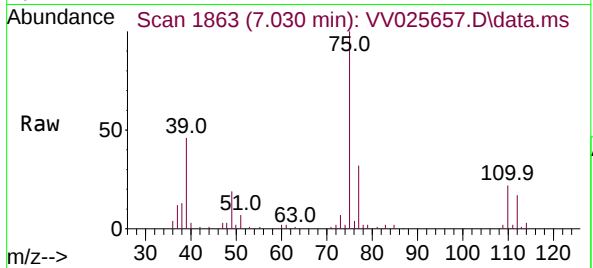
VSTD005387

Tgt Ion: 75 Resp: 47255

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 77.172 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

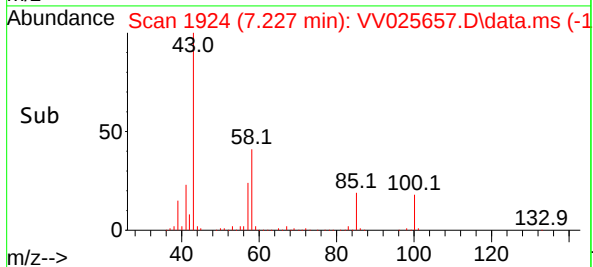
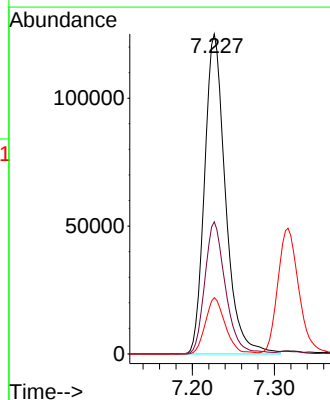
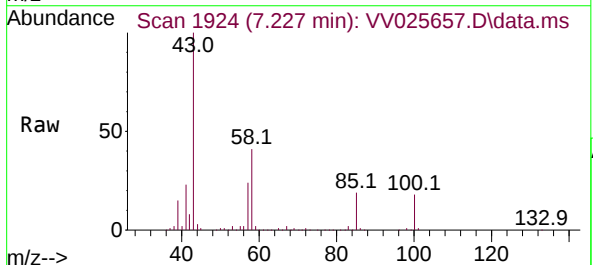
Tgt Ion: 43 Resp: 221682

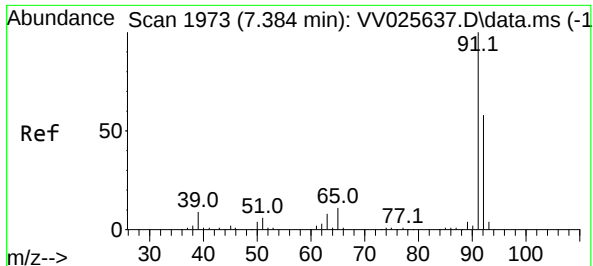
Ion Ratio Lower Upper

43 100

58 40.9 35.1 52.7

100 16.7 15.3 22.9





#42

Toluene

Concen: 4.480 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

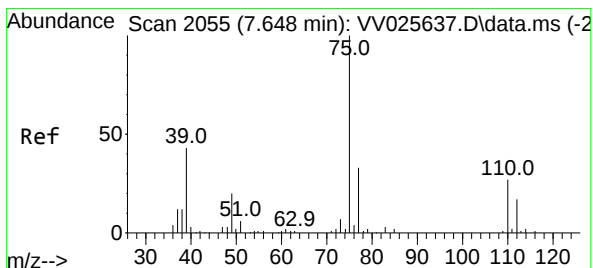
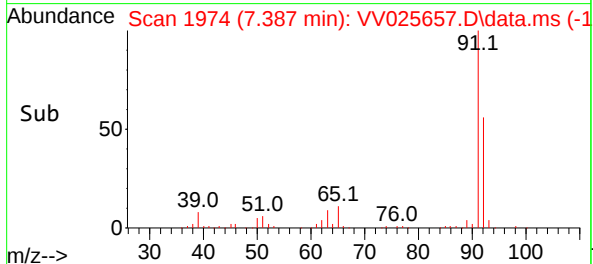
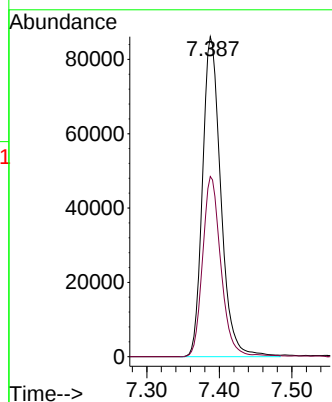
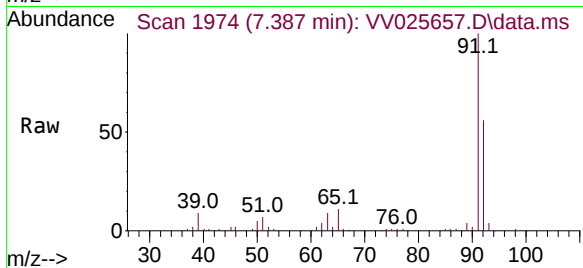
VSTD005387

Tgt Ion: 91 Resp: 151126

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.340 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025657.D

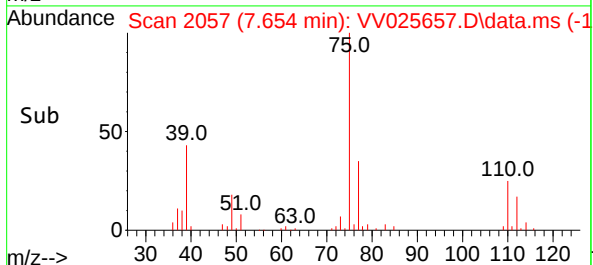
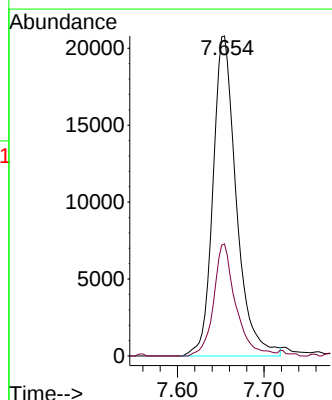
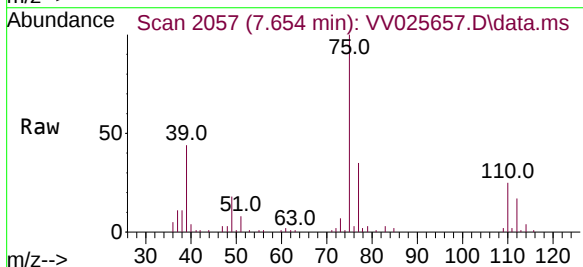
Acq: 20 Apr 2022 19:30

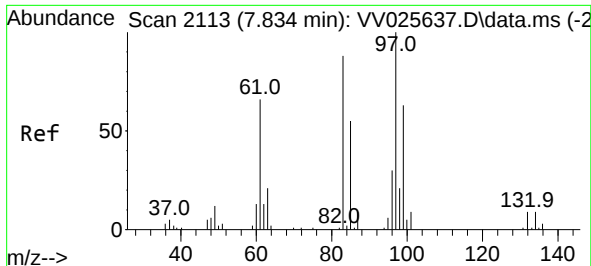
Tgt Ion: 75 Resp: 39008

Ion Ratio Lower Upper

75 100

77 35.0 21.7 40.3

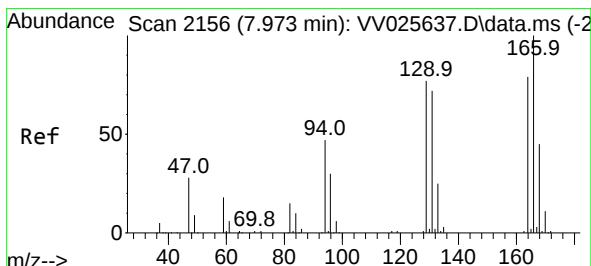
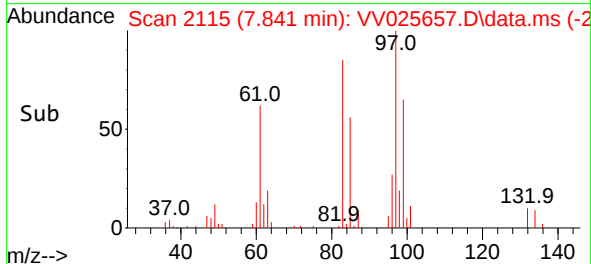
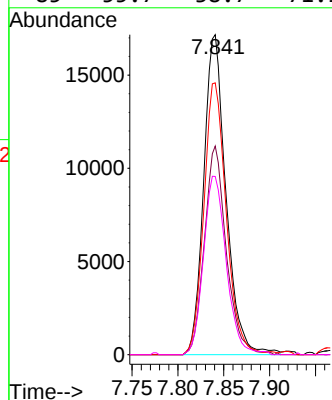
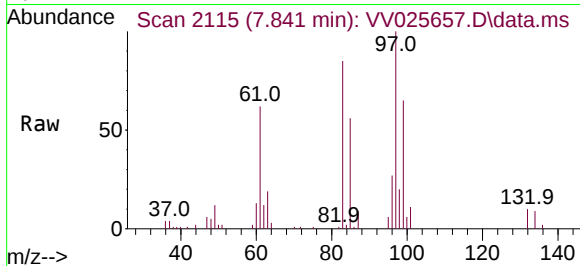




#45
1,1,2-Trichloroethane
Concen: 6.031 ug/L
RT: 7.841 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

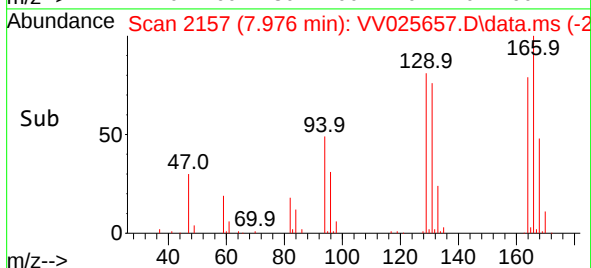
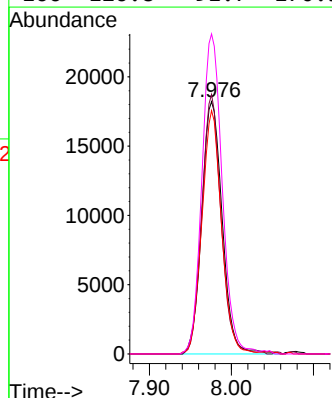
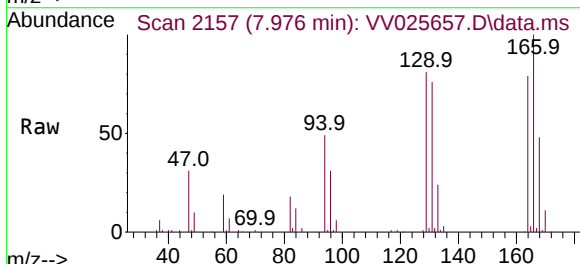
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

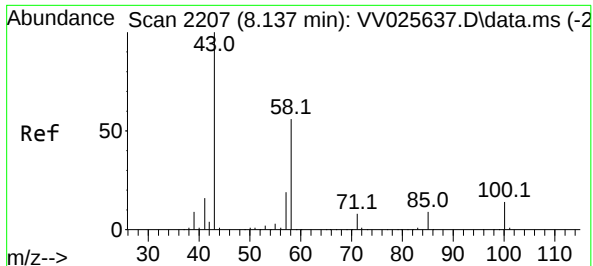
Tgt Ion: 97	Resp: 28976
Ion Ratio	Lower Upper
97 100	
99 65.2	43.8 81.4
83 84.9	60.3 112.1
85 55.7	38.7 71.9



#47
Tetrachloroethene
Concen: 4.886 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt	Ion:164	Resp:	31498
Ion	Ratio	Lower	Upper
164	100		
129	102.9	66.8	124.2
131	96.4	66.4	123.4
166	126.8	91.7	170.3



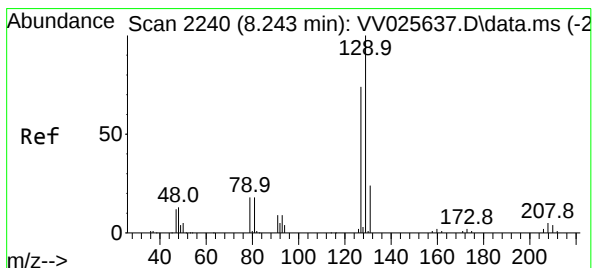
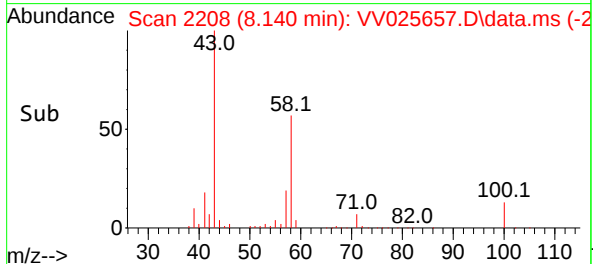
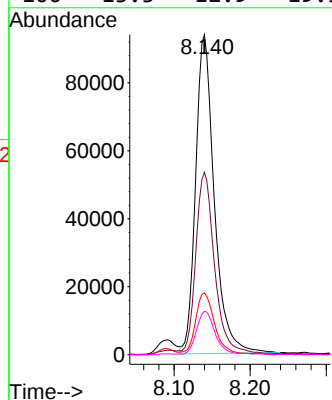
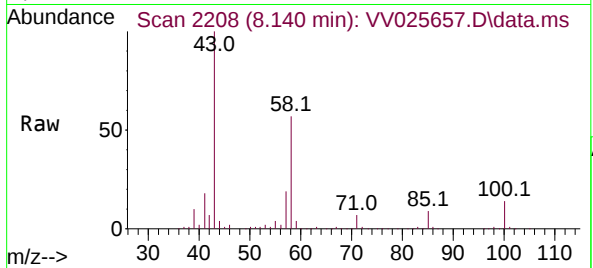


#48
2-Hexanone
Concen: 80.097 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion: 43 Resp: 160346

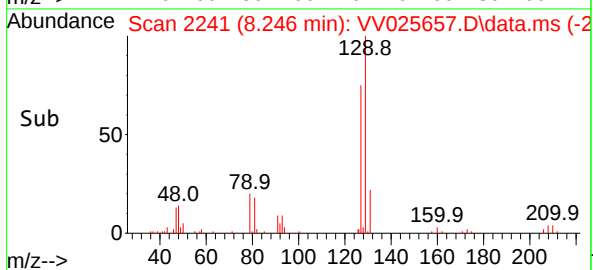
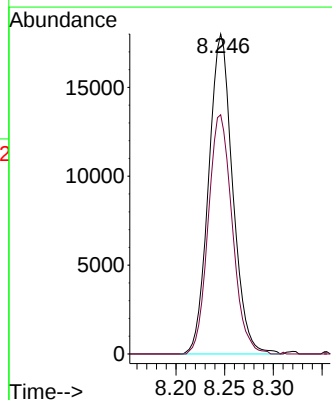
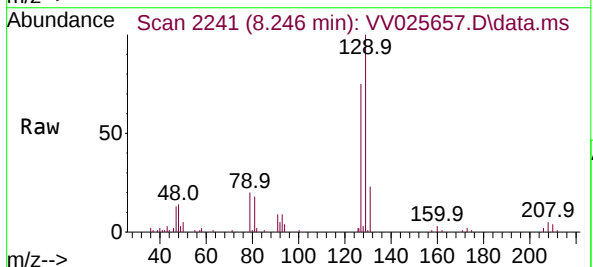
Ion	Ratio	Lower	Upper
43	100		
58	57.1	49.7	74.5
57	19.2	16.4	24.6
100	13.3	12.9	19.3

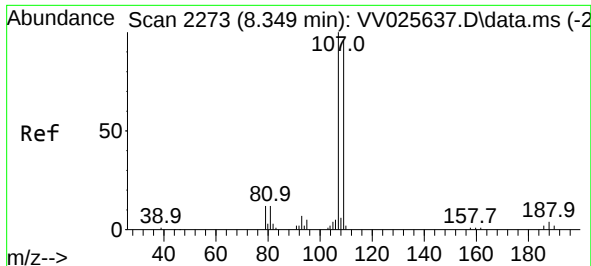


#49
Dibromochloromethane
Concen: 5.864 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion: 129 Resp: 30930

Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.570 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

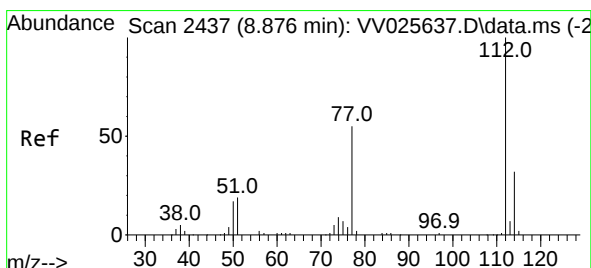
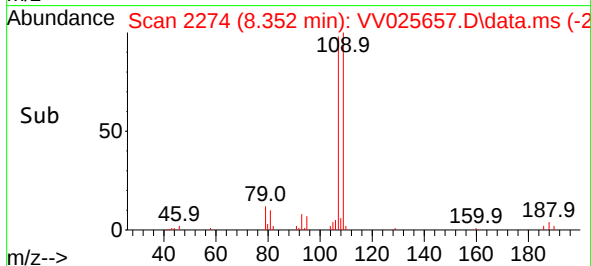
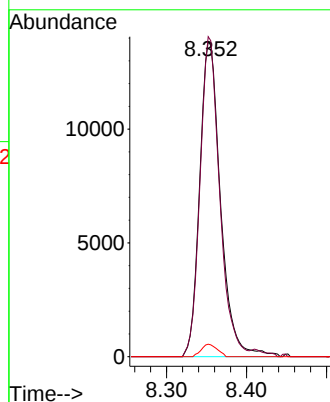
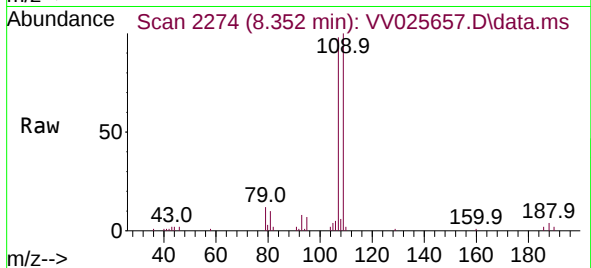
Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

Tgt Ion:107	Resp:	25135
Ion Ratio	Lower	Upper
107	100	
109	101.7	65.9 122.3
188	4.0	2.7 4.1



#51

Chlorobenzene

Concen: 4.407 ug/L

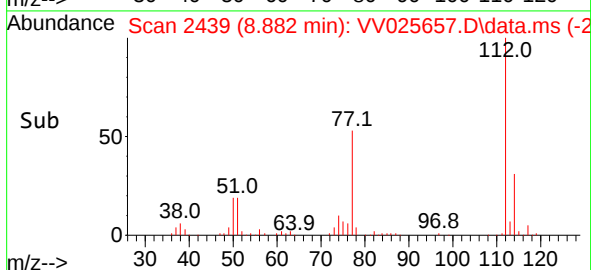
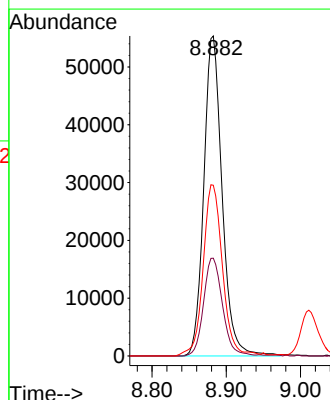
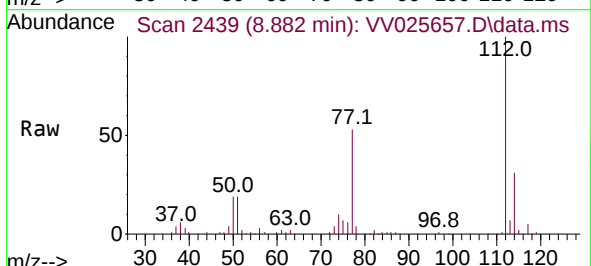
RT: 8.882 min Scan# 2439

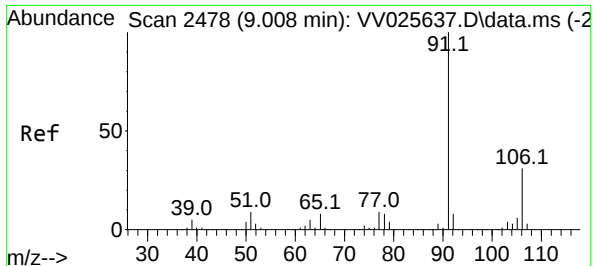
Delta R.T. 0.006 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Tgt Ion:112	Resp:	94929
Ion Ratio	Lower	Upper
112	100	
114	30.5	22.4 41.6
77	53.4	43.7 65.5





#52

Ethylbenzene

Concen: 3.930 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

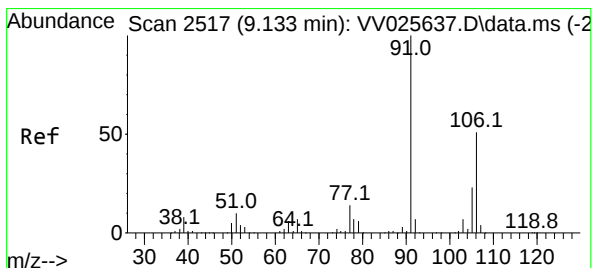
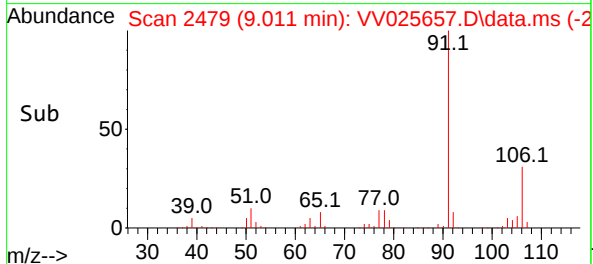
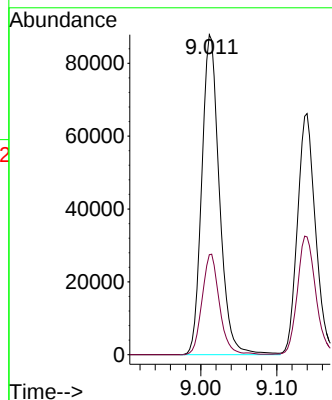
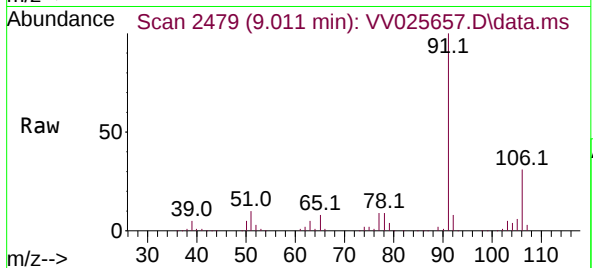
VSTD005387

Tgt Ion: 91 Resp: 141383

Ion Ratio Lower Upper

91 100

106 31.3 22.3 41.3



#53

m,p-Xylene

Concen: 3.979 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV025657.D

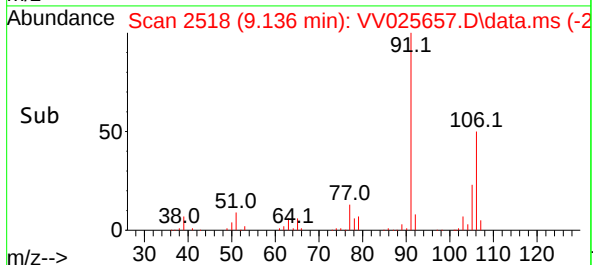
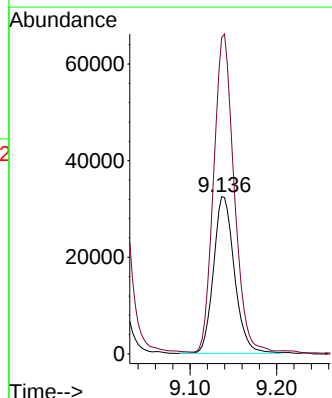
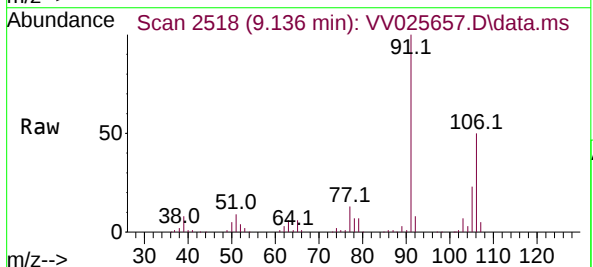
Acq: 20 Apr 2022 19:30

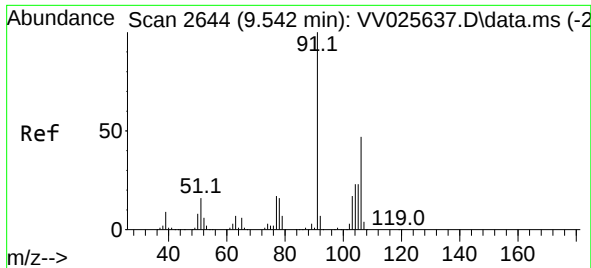
Tgt Ion:106 Resp: 54427

Ion Ratio Lower Upper

106 100

91 201.0 136.4 253.4

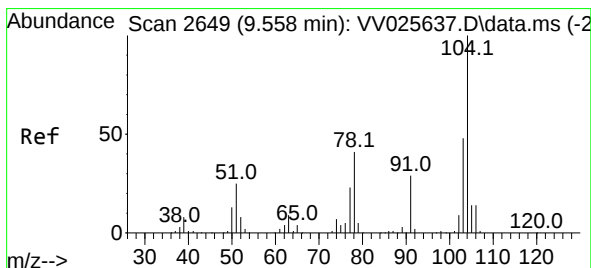
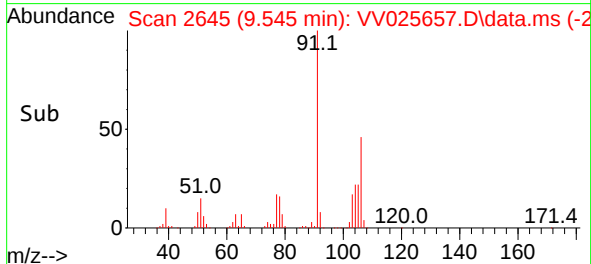
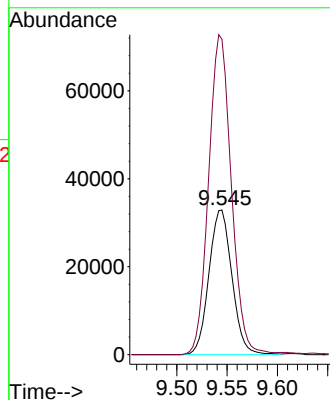
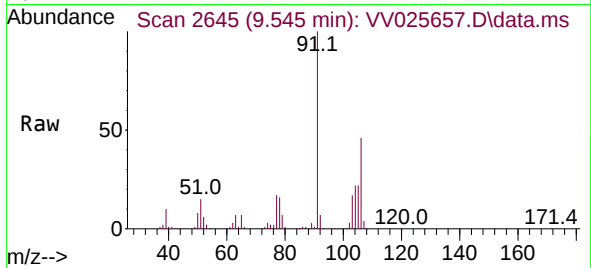




#54
o-Xylene
Concen: 3.947 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

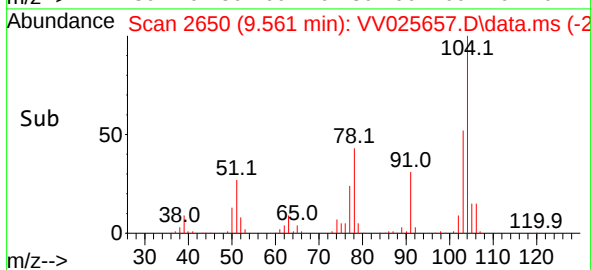
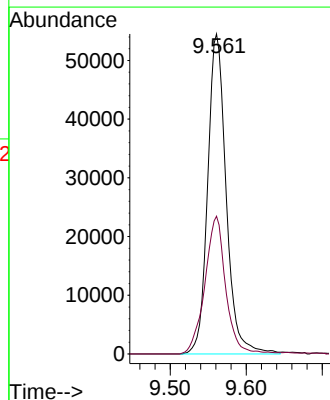
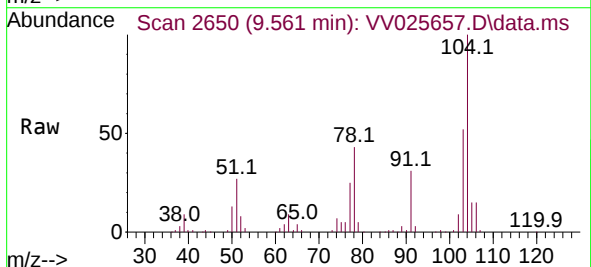
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

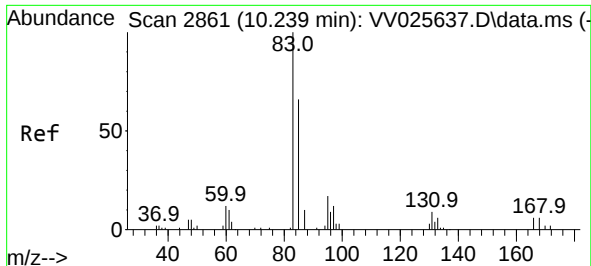
Tgt Ion:106 Resp: 52440
Ion Ratio Lower Upper
106 100
91 218.0 150.4 279.2



#55
Styrene
Concen: 4.259 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion:104 Resp: 92010
Ion Ratio Lower Upper
104 100
78 43.0 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.015 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

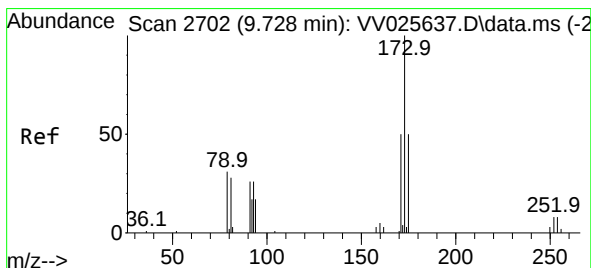
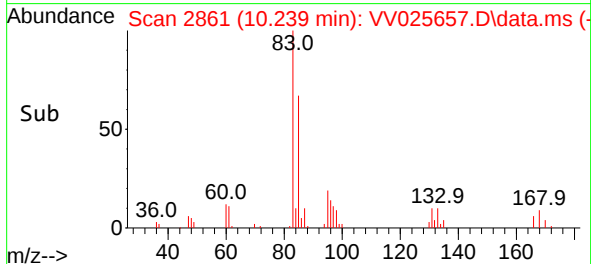
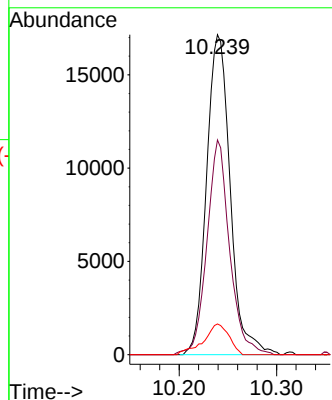
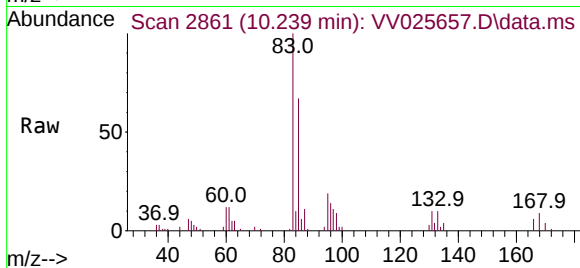
Tgt Ion: 83 Resp: 28875

Ion Ratio Lower Upper

83 100

85 67.1 45.1 83.9

131 9.6 7.9 11.9



#59

Bromoform

Concen: 5.905 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

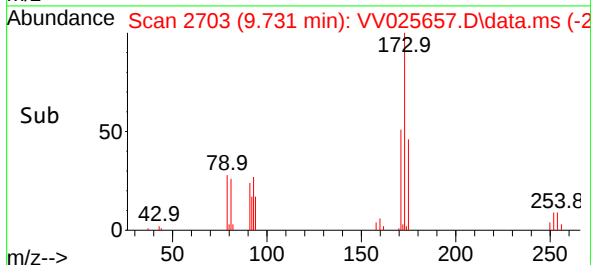
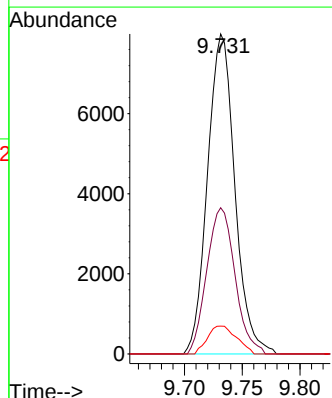
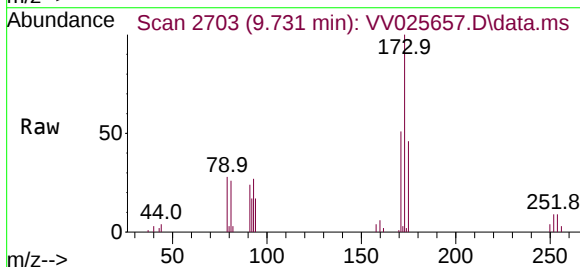
Tgt Ion: 173 Resp: 13163

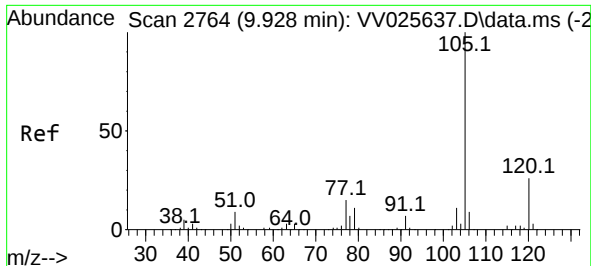
Ion Ratio Lower Upper

173 100

175 47.1 40.8 61.2

254 9.2 7.0 10.6

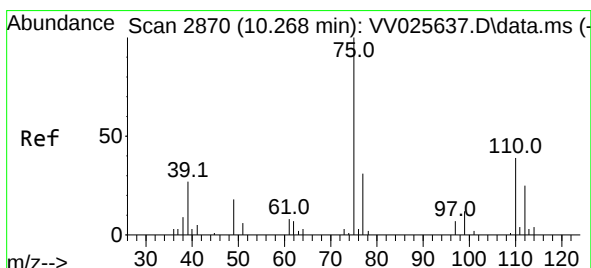
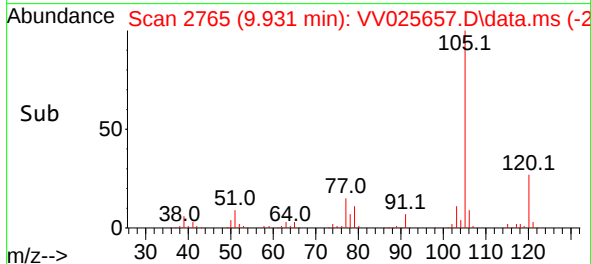
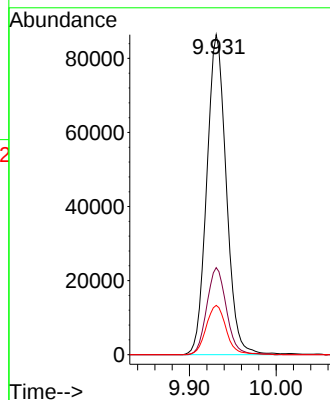
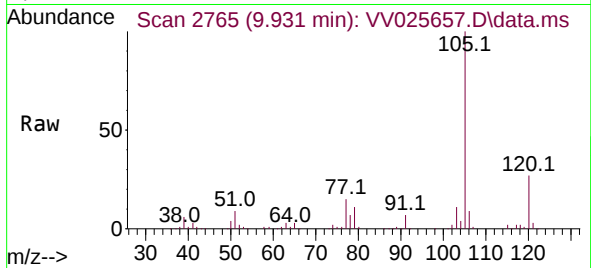




#60
Isopropylbenzene
Concen: 4.041 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

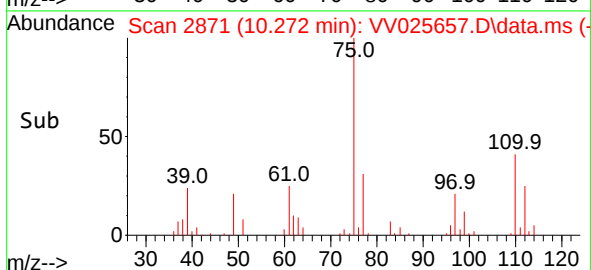
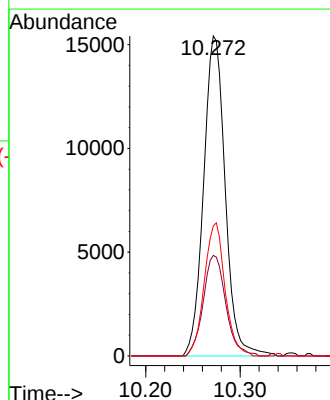
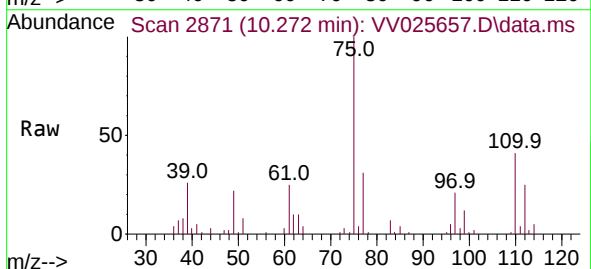
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

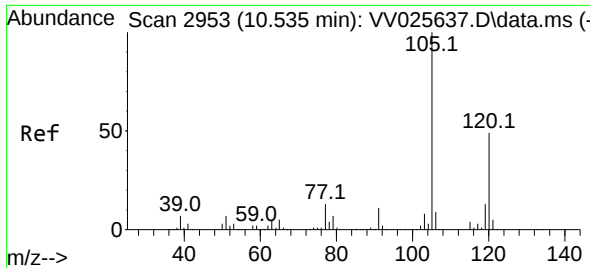
Tgt Ion:105 Resp: 135101
Ion Ratio Lower Upper
105 100
120 27.4 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.889 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion: 75 Resp: 24503
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
110 39.8 34.7 52.1

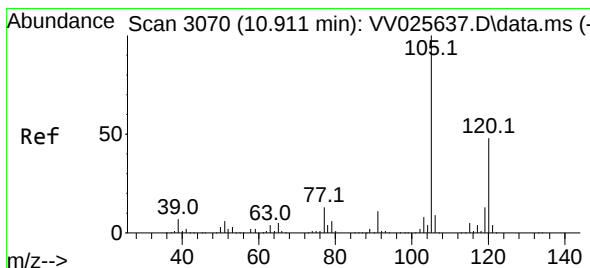
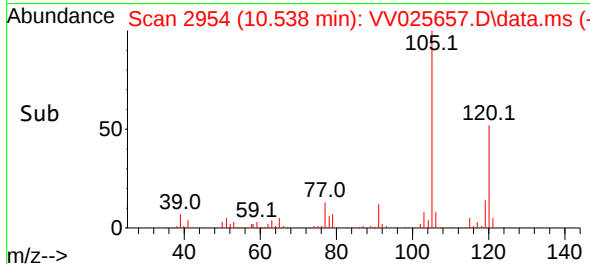
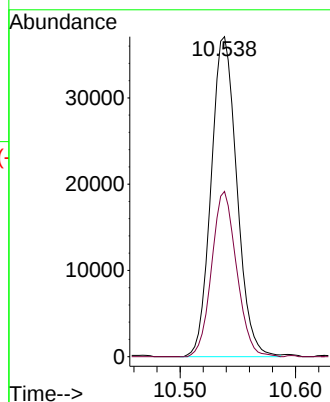
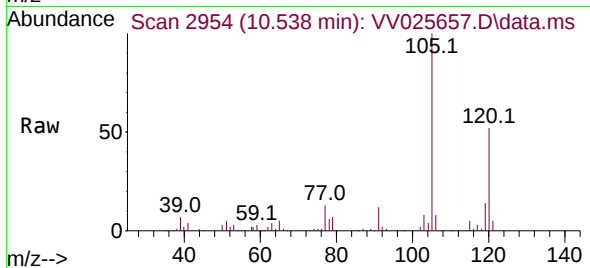




#62
 1,3,5-Trimethylbenzene
 Concen: 3.851 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

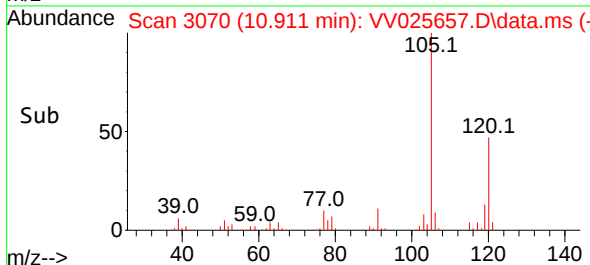
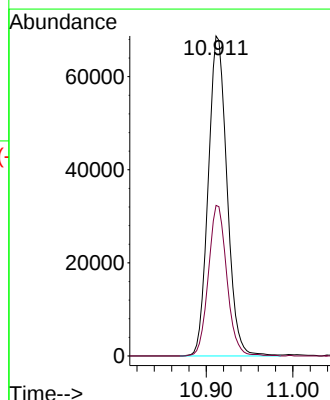
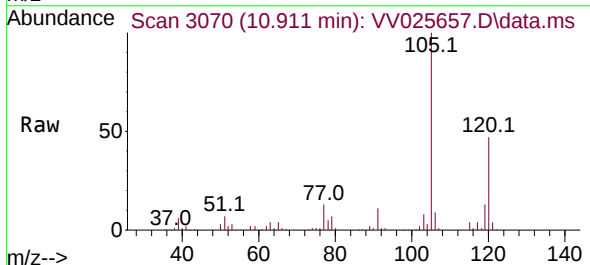
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

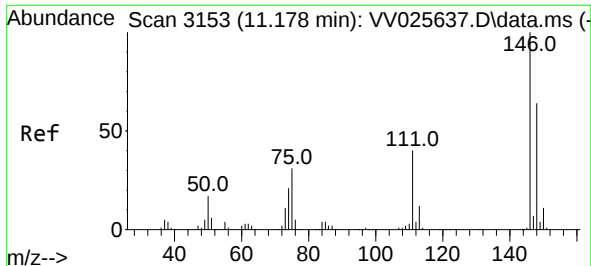
Tgt Ion:105 Resp: 57405
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 3.851 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025657.D
 Acq: 20 Apr 2022 19:30

Tgt Ion:105 Resp: 103428
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.6 55.0

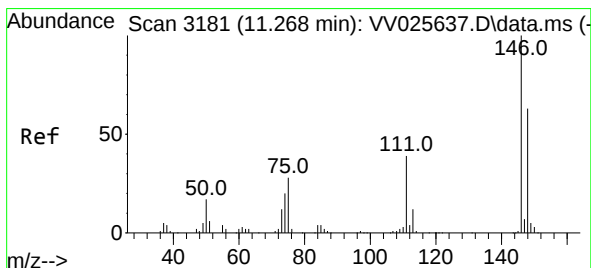
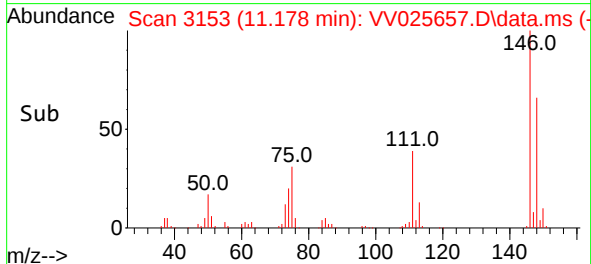
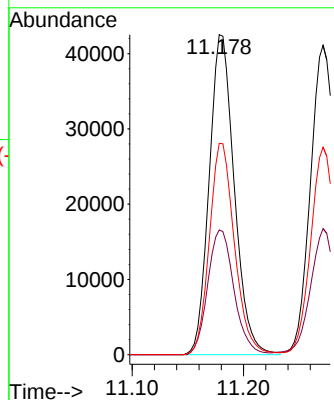
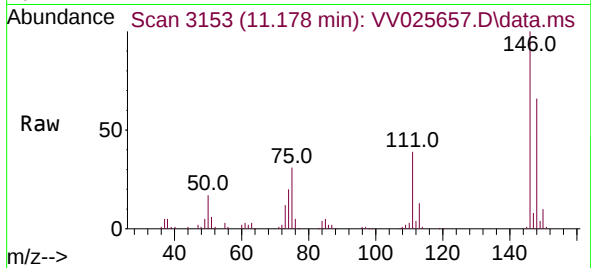




#64
1,3-Dichlorobenzene
Concen: 4.264 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

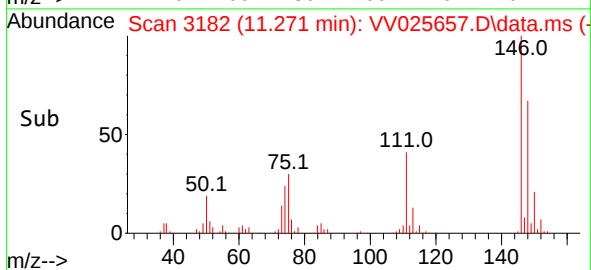
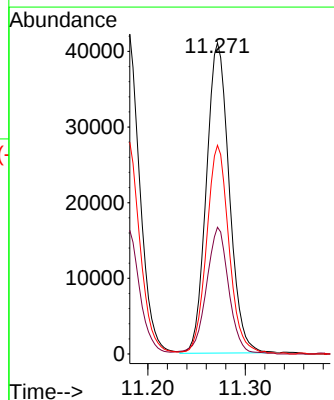
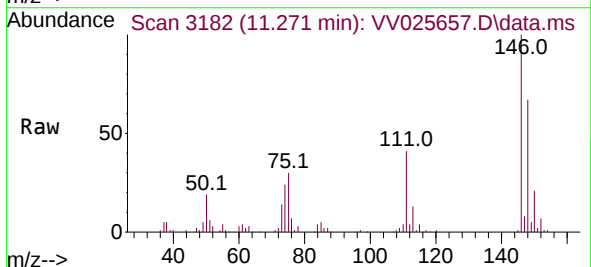
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

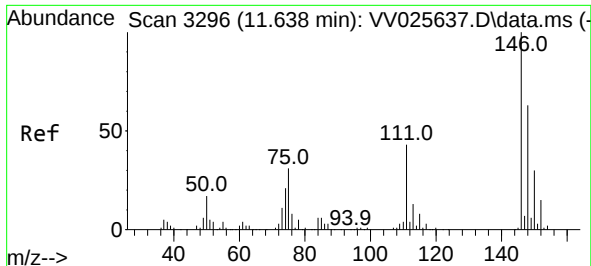
Tgt Ion:146 Resp: 66541
Ion Ratio Lower Upper
146 100
111 39.0 27.4 50.8
148 66.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.222 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion:146 Resp: 66881
Ion Ratio Lower Upper
146 100
111 40.7 26.7 49.7
148 67.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.526 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

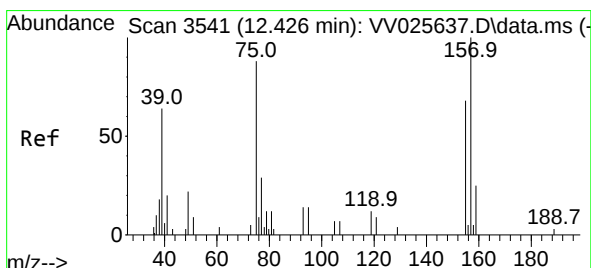
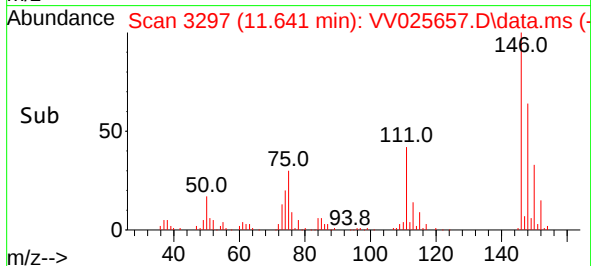
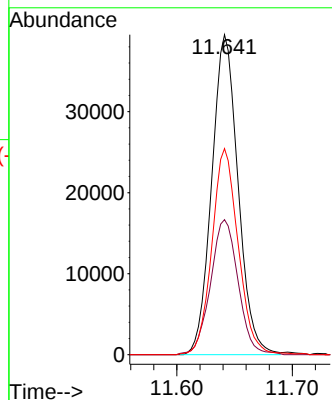
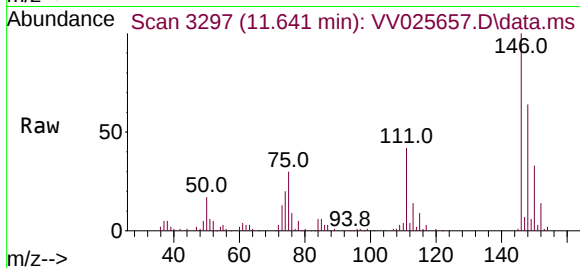
Tgt Ion:146 Resp: 62551

Ion Ratio Lower Upper

146 100

111 42.2 33.6 50.4

148 64.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 7.090 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

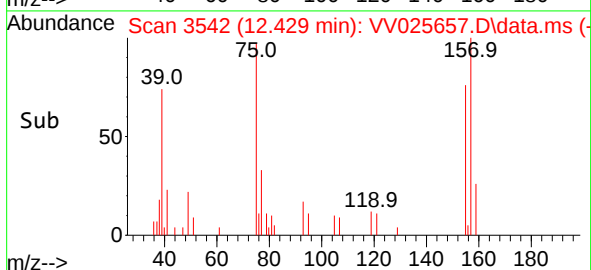
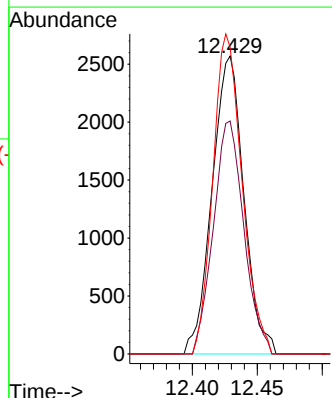
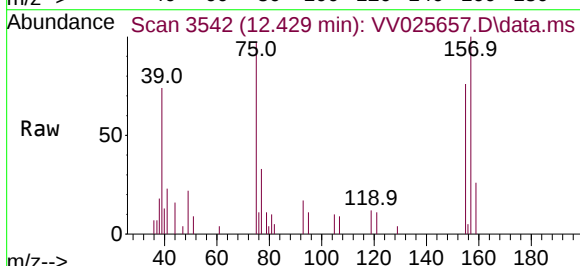
Tgt Ion: 75 Resp: 4360

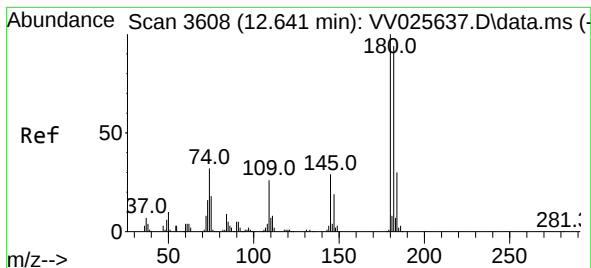
Ion Ratio Lower Upper

75 100

155 78.2 65.8 98.8

157 103.0 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 3.810 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

Tgt Ion:180 Resp: 45231

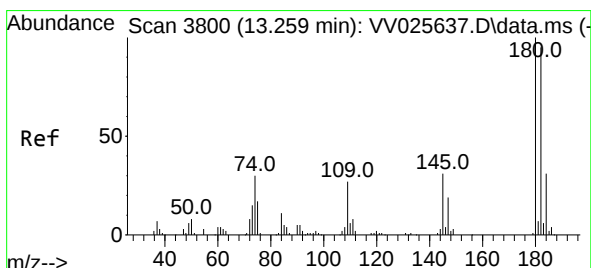
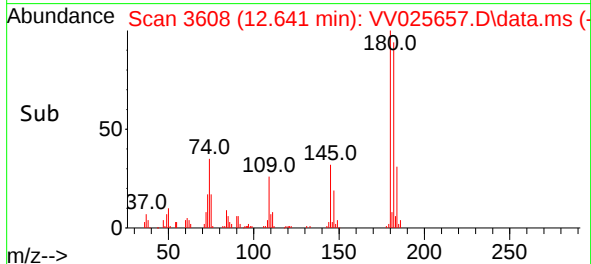
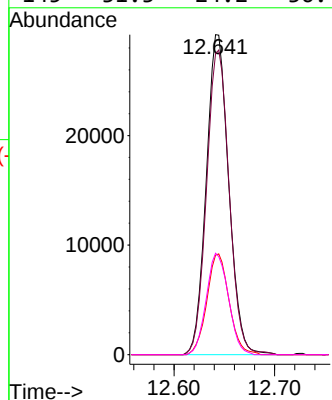
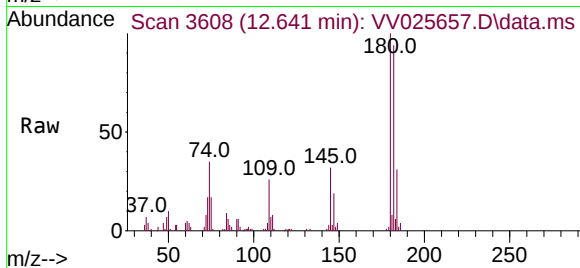
Ion Ratio Lower Upper

180 100

182 95.7 75.3 112.9

184 31.3 23.4 35.2

145 31.3 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 3.808 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025657.D

Acq: 20 Apr 2022 19:30

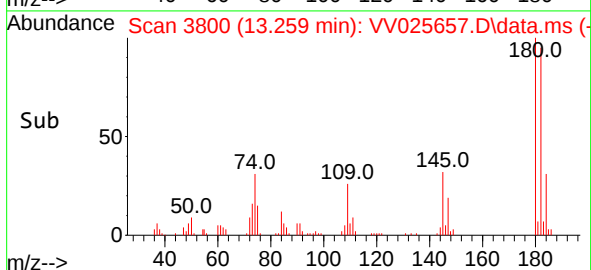
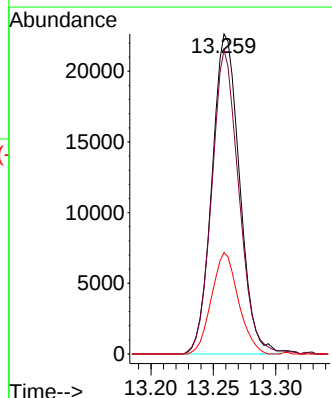
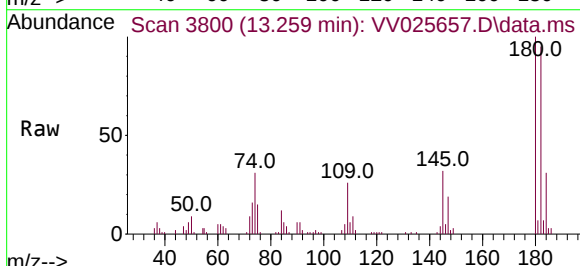
Tgt Ion:180 Resp: 34851

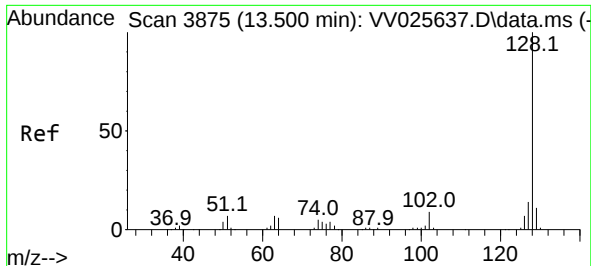
Ion Ratio Lower Upper

180 100

182 93.4 76.6 114.8

145 30.9 24.6 36.8

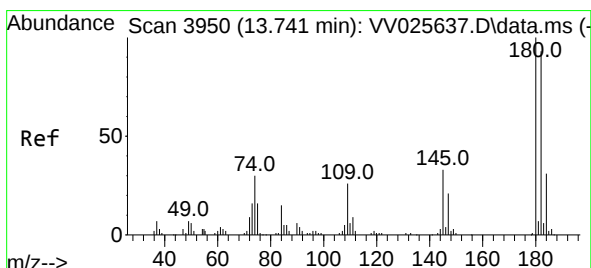
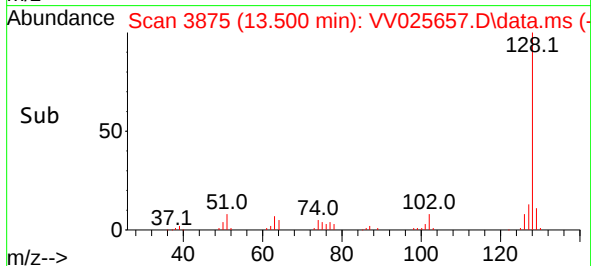
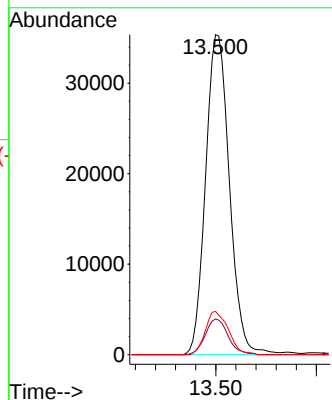
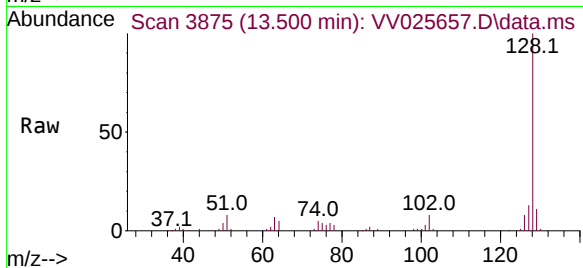




#71
Naphthalene
Concen: 4.334 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion:128	Resp:	58187
Ion	Ratio	Lower Upper
128	100	
129	10.6	8.8 13.2
127	13.1	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.150 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025657.D
Acq: 20 Apr 2022 19:30

Tgt Ion:180	Resp:	31446
Ion	Ratio	Lower Upper
180	100	
182	94.2	77.7 116.5
145	31.9	27.4 41.2

