

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026507.D
 Acq On : 23 Jun 2022 11:50
 Operator : SY/MD
 Sample : VSTD01076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

Quant Time: Jun 24 00:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	211776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	181911	9.493	ug/L	0.00
7) Chloroethane-d5	1.577	69	144446	9.435	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.118	63	323579	9.679	ug/L	0.00
20) 2-Butanone-d5	3.921	46	229453	118.427	ug/L	0.00
24) Chloroform-d	4.352	84	304498	10.542	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	124161	10.366	ug/L	0.00
32) Benzene-d6	5.053	84	628668	11.042	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	176505	9.919	ug/L	0.00
41) Toluene-d8	7.313	98	593852	11.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	53087	10.457	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	216024	135.577	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	119597	11.770	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	188692	10.966	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	171821	10.124	ug/L	100
3) Chloromethane	1.253	50	176834	9.429	ug/L	100
5) Vinyl chloride	1.320	62	194560	9.969	ug/L	99
6) Bromomethane	1.532	94	104651	9.706	ug/L	96
8) Chloroethane	1.597	64	128808	10.355	ug/L	98
9) Trichlorofluoromethane	1.764	101	269145	9.941	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	163250	10.315	ug/L	99
12) 1,1-Dichloroethene	2.127	96	149910	10.352	ug/L	93
13) Acetone	2.224	43	130880	100.335	ug/L	93
14) Carbon disulfide	2.304	76	408336	11.321	ug/L	98
15) Methyl Acetate	2.458	43	39014	11.619	ug/L	99
16) Methylene chloride	2.516	84	153876	8.471	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	276177	11.390	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	155318	10.964	ug/L	99
19) 1,1-Dichloroethane	3.198	63	277110	10.418	ug/L	98
21) 2-Butanone	4.002	43	211781	113.599	ug/L	92
22) cis-1,2-Dichloroethene	3.918	96	161785	11.320	ug/L	100
23) Bromochloromethane	4.249	128	68604	11.504	ug/L	93
25) Chloroform	4.378	83	293204	10.177	ug/L	99
27) 1,2-Dichloroethane	5.133	62	139274	10.700	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	254597	10.661	ug/L	100
30) Cyclohexane	4.680	56	217697	11.993	ug/L	99
31) Carbon tetrachloride	4.831	117	214719	10.596	ug/L	100
33) Benzene	5.101	78	631126	11.328	ug/L	100
34) Trichloroethene	5.915	95	156923	10.386	ug/L	99
35) Methylcyclohexane	6.130	83	255638	11.925	ug/L	99
37) 1,2-Dichloropropane	6.172	63	150637	10.615	ug/L	99
38) Bromodichloromethane	6.510	83	178818	10.435	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	173593	11.094	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	612112	120.751	ug/L	97
42) Toluene	7.384	91	681372	11.677	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	132624	10.695	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026507.D
 Acq On : 23 Jun 2022 11:50
 Operator : SY/MD
 Sample : VSTD01076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

Quant Time: Jun 24 00:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

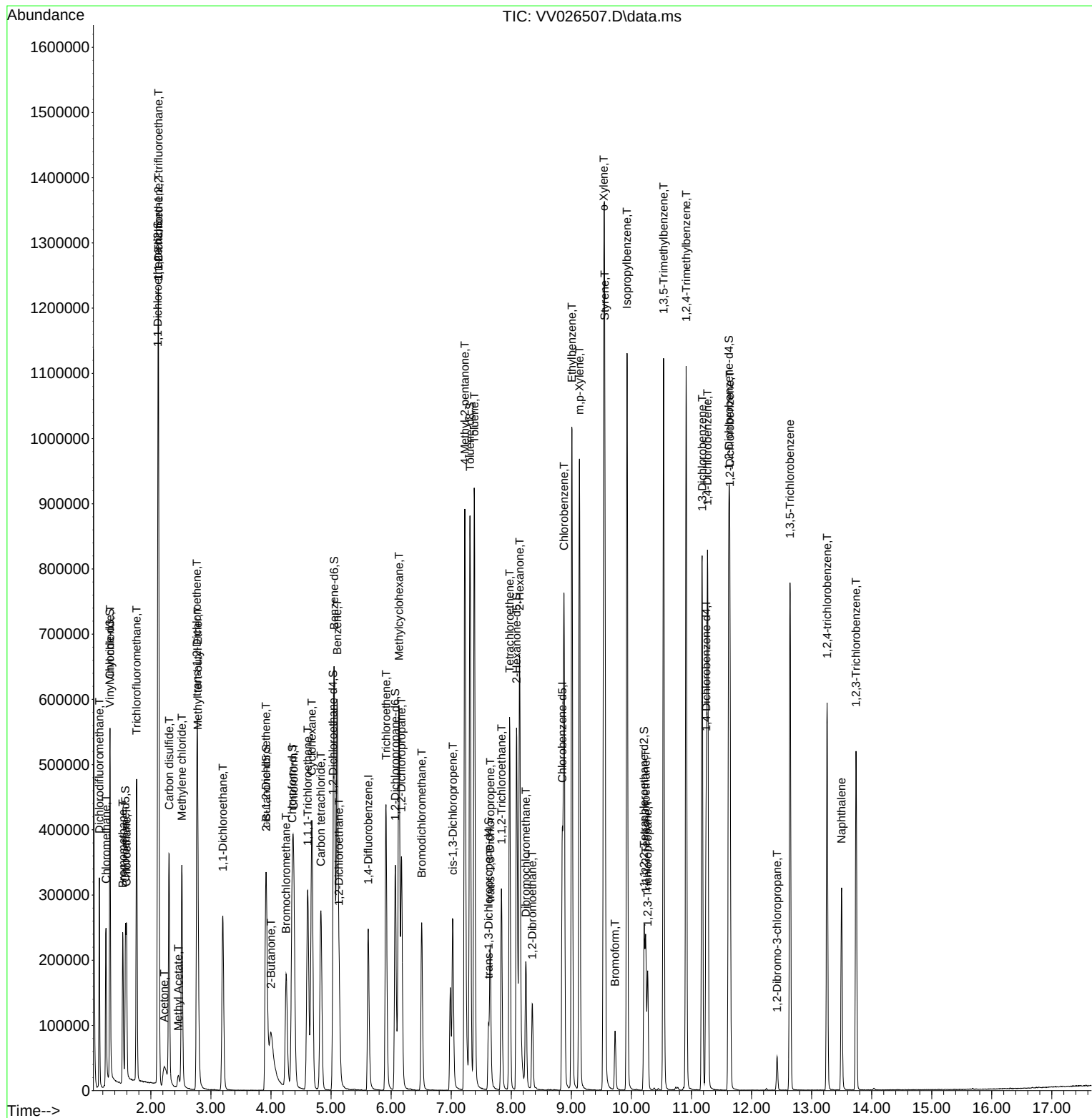
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	100139	10.777	ug/L	98
47) Tetrachloroethene	7.973	164	128332	11.306	ug/L	99
48) 2-Hexanone	8.140	43	427599	119.555	ug/L	95
49) Dibromochloromethane	8.243	129	102429	10.201	ug/L	100
50) 1,2-Dibromoethane	8.349	107	90395	11.343	ug/L	96
51) Chlorobenzene	8.879	112	429956	11.311	ug/L	99
52) Ethylbenzene	9.008	91	714619	12.128	ug/L	100
53) m,p-Xylene	9.137	106	286370	12.389	ug/L	98
54) o-Xylene	9.542	106	267389	12.104	ug/L	99
55) Styrene	9.558	104	468080	12.613	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	113480	11.755	ug/L	99
59) Bromoform	9.728	173	41055	8.817	ug/L	98
60) Isopropylbenzene	9.928	105	722505	11.773	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	74667	10.433	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	582202	11.935	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	587140	12.149	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	337513	11.278	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	334940	11.062	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	294310	11.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	12520	10.087	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	241886	11.281	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	180244	11.404	ug/L	100
71) Naphthalene	13.500	128	251702	11.666	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	153612	11.740	ug/L	100

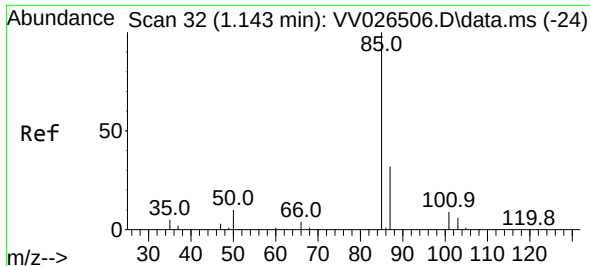
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026507.D
 Acq On : 23 Jun 2022 11:50
 Operator : SY/MD
 Sample : VSTD01076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

Quant Time: Jun 24 00:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

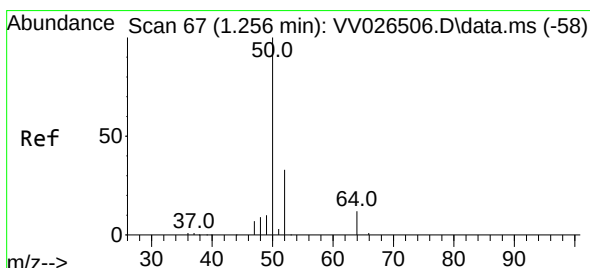
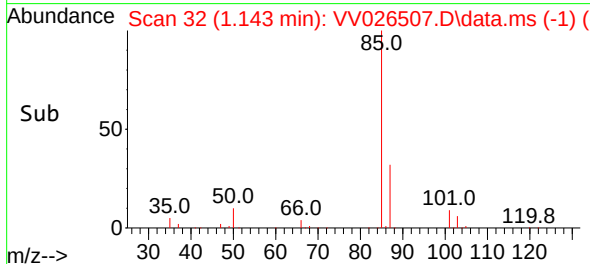
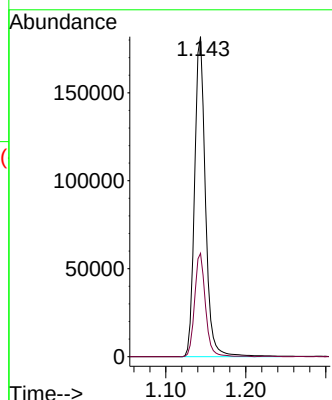
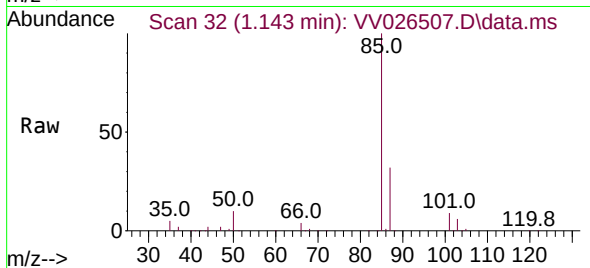




#2
 Dichlorodifluoromethane
 Concen: 10.124 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

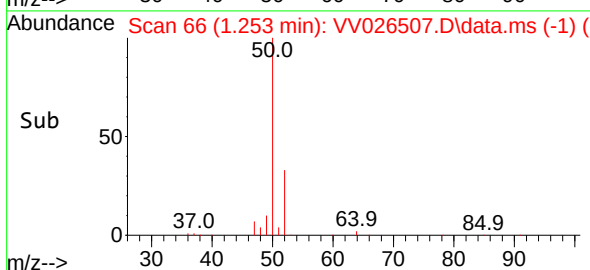
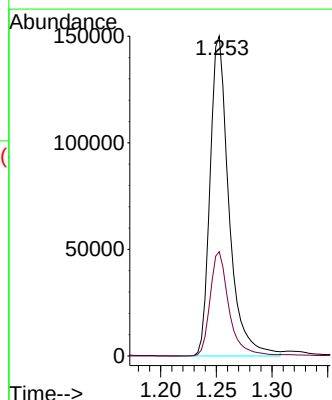
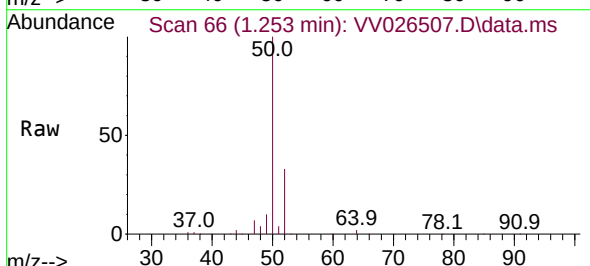
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

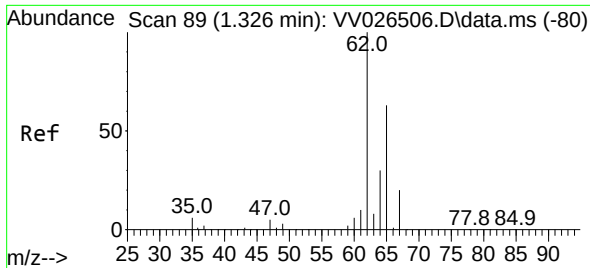
Tgt Ion: 85 Resp: 171821
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 9.429 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.003 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

Tgt Ion: 50 Resp: 176834
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

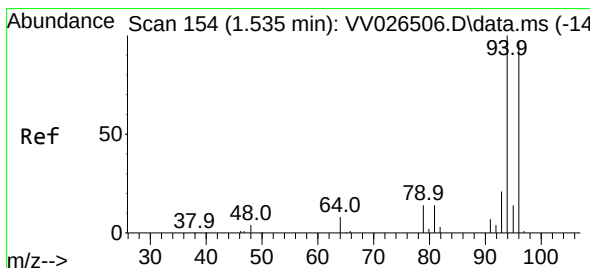
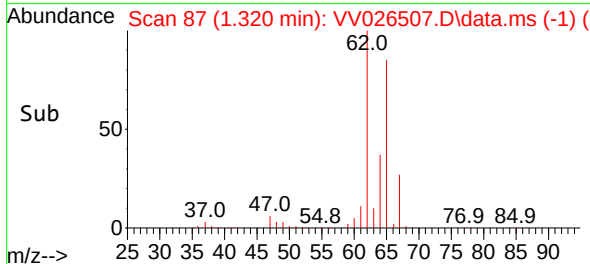
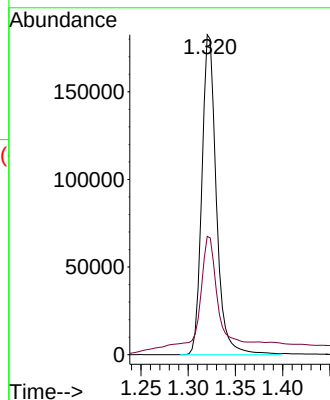
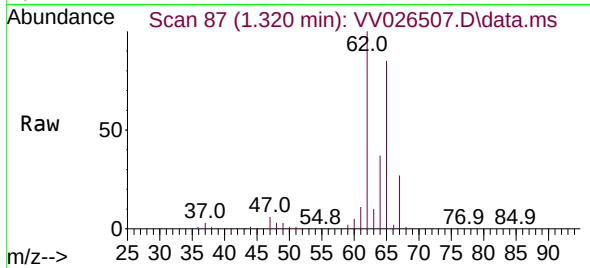




#5
 Vinyl chloride
 Concen: 9.969 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

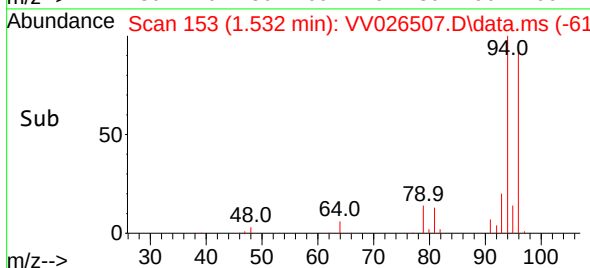
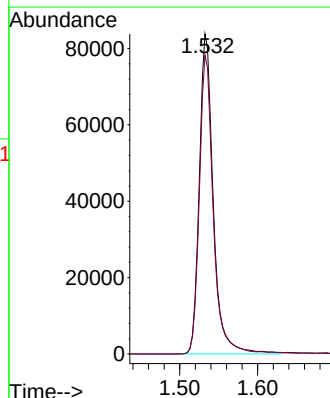
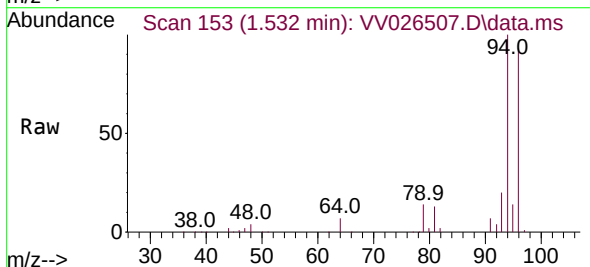
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

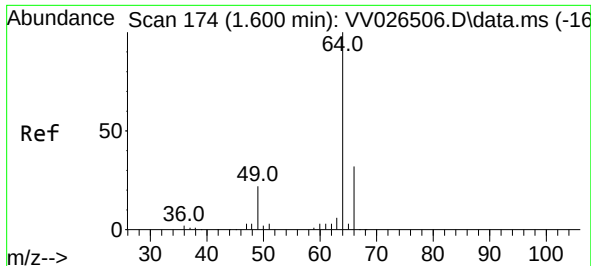
Tgt Ion: 62 Resp: 194560
 Ion Ratio Lower Upper
 62 100
 64 37.0 26.2 48.6



#6
 Bromomethane
 Concen: 9.706 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

Tgt Ion: 94 Resp: 104651
 Ion Ratio Lower Upper
 94 100
 96 93.3 68.0 126.2

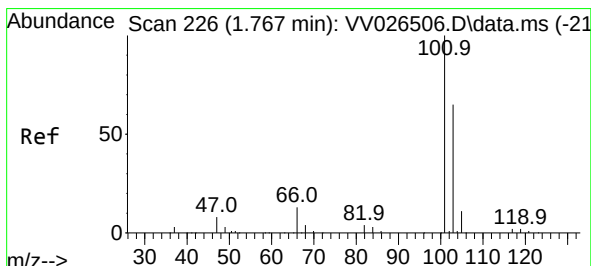
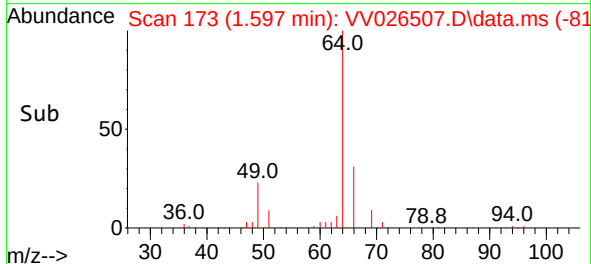
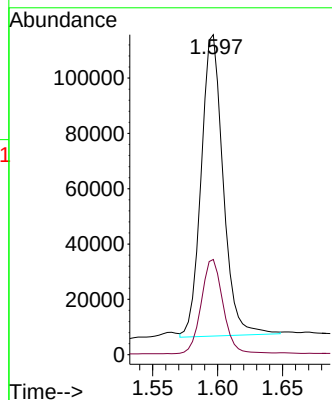
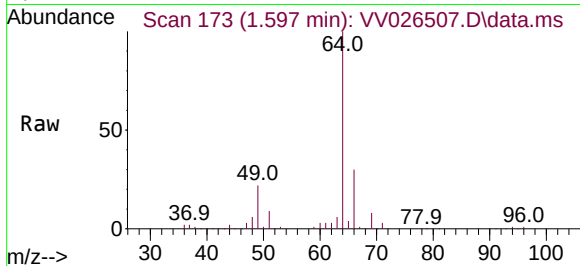




#8
Chloroethane
Concen: 10.355 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

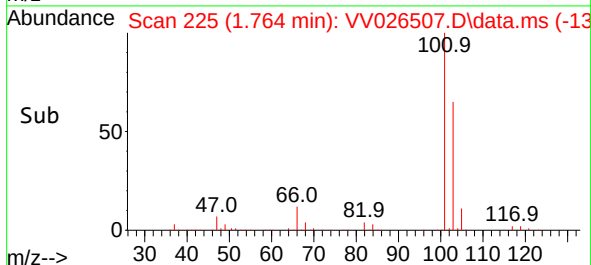
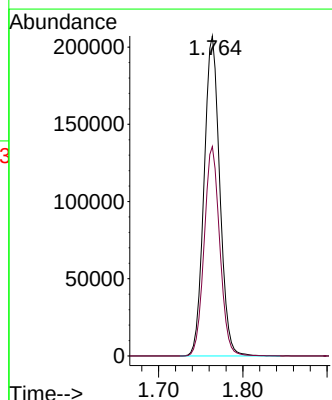
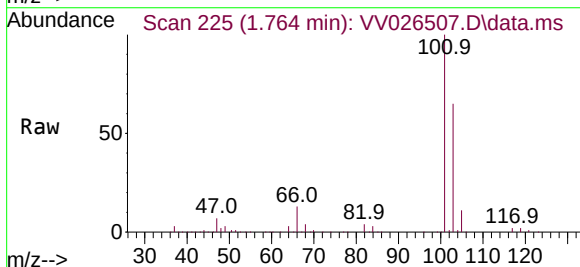
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

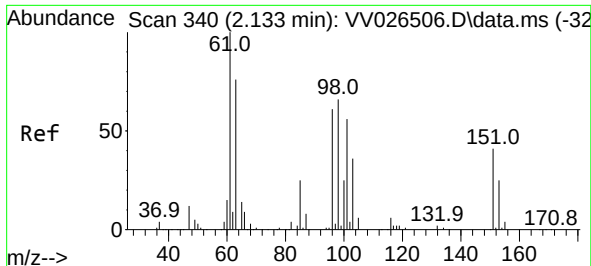
Tgt Ion: 64 Resp: 128808
Ion Ratio Lower Upper
64 100
66 29.8 20.0 37.2



#9
Trichlorofluoromethane
Concen: 9.941 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion:101 Resp: 269145
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.315 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD010276

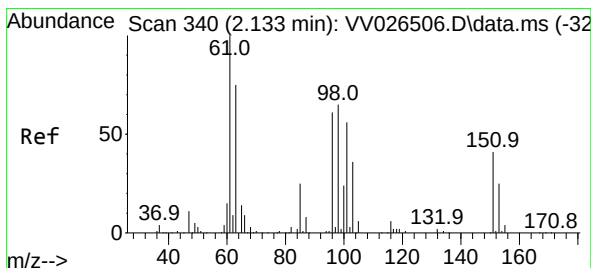
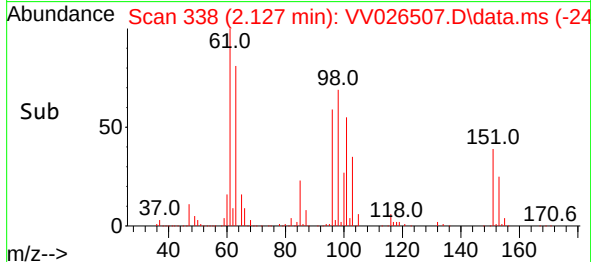
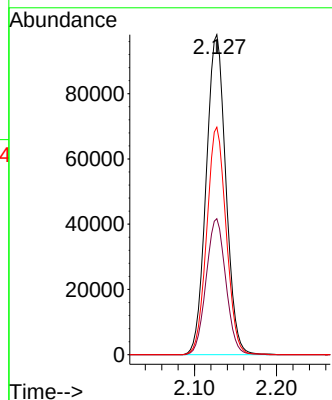
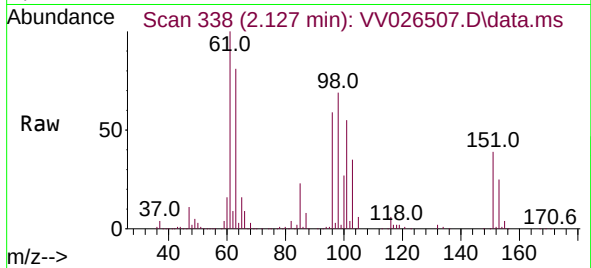
Tgt Ion:101 Resp: 163250

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

151 70.2 56.8 85.2



#12

1,1-Dichloroethene

Concen: 10.352 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

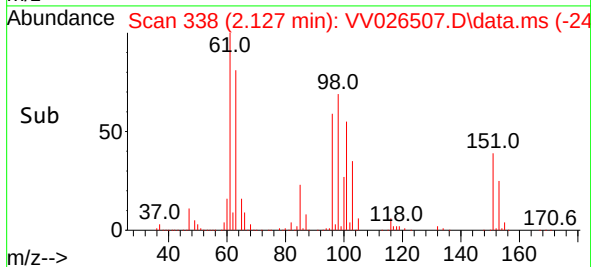
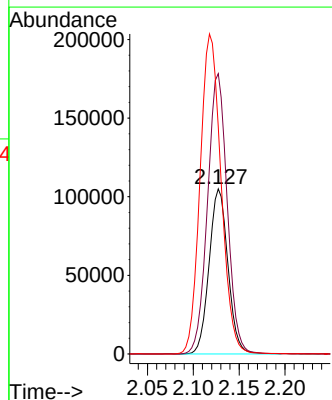
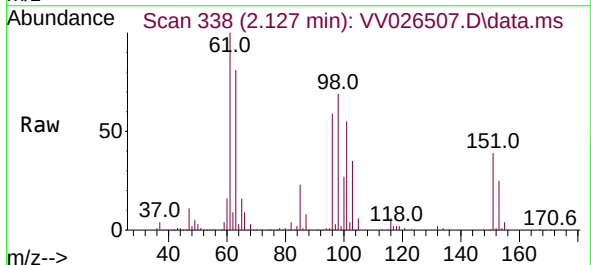
Tgt Ion: 96 Resp: 149910

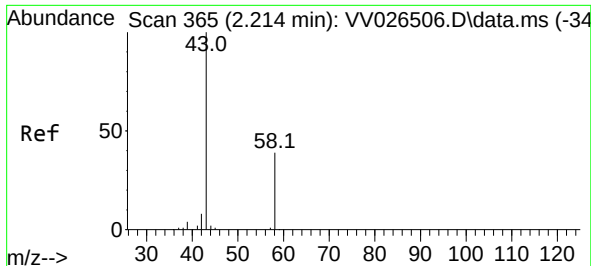
Ion Ratio Lower Upper

96 100

61 169.8 115.4 214.4

63 137.5 87.4 162.2

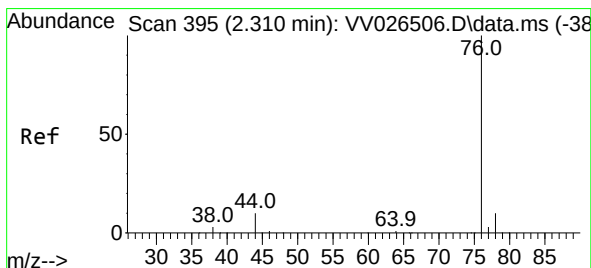
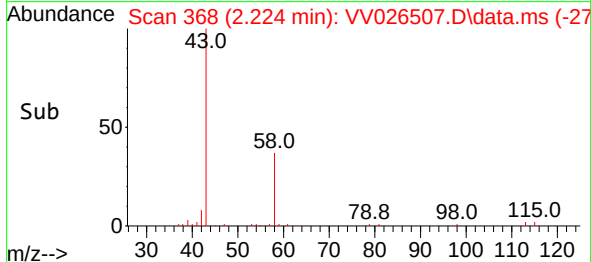
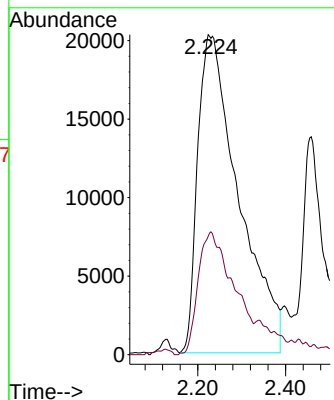
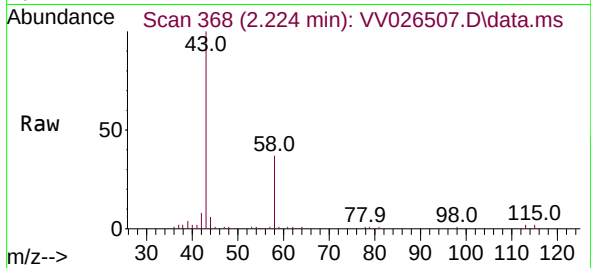




#13
Acetone
Concen: 100.335 ug/L
RT: 2.224 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

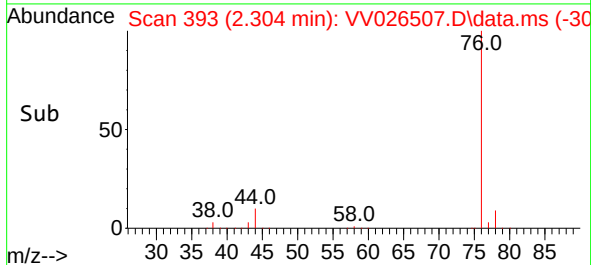
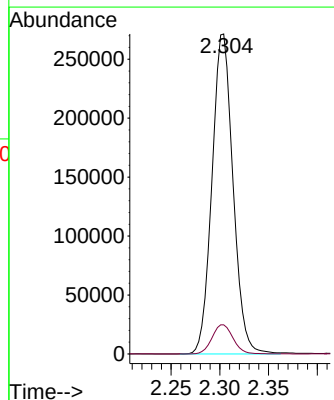
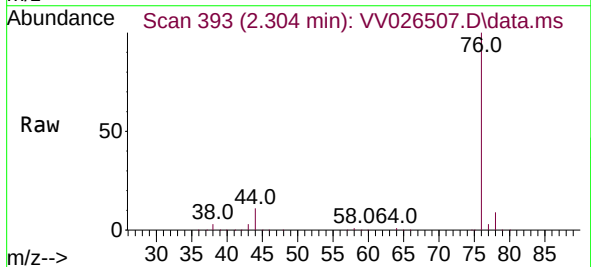
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

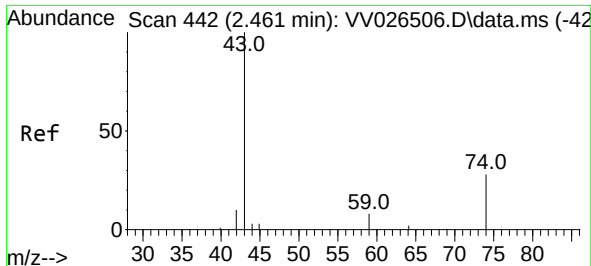
Tgt Ion: 43 Resp: 130880
Ion Ratio Lower Upper
43 100
58 33.2 0.0 75.0



#14
Carbon disulfide
Concen: 11.321 ug/L
RT: 2.304 min Scan# 393
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 76 Resp: 408336
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

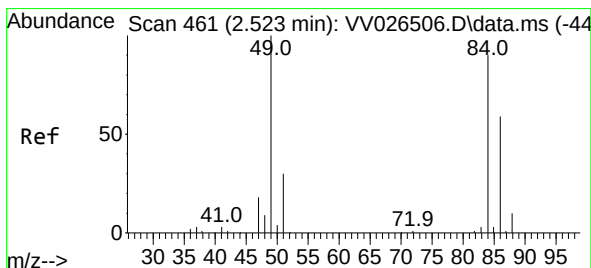
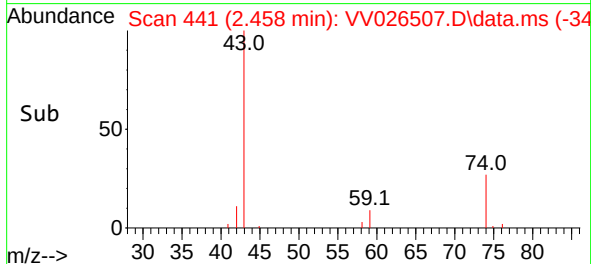
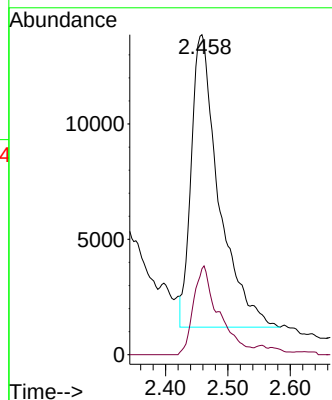
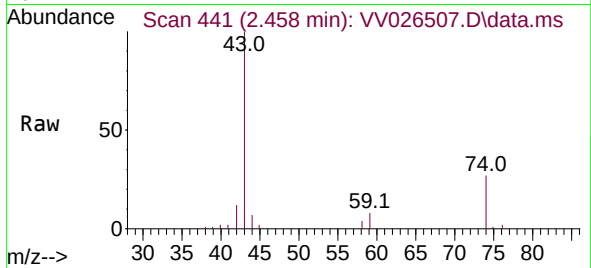




#15
Methyl Acetate
Concen: 11.619 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

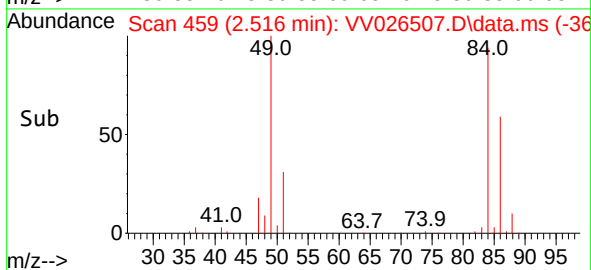
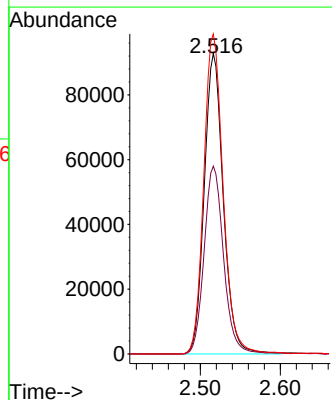
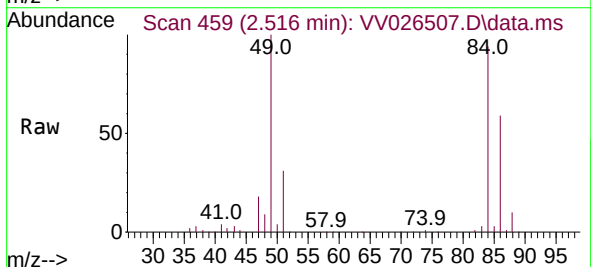
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

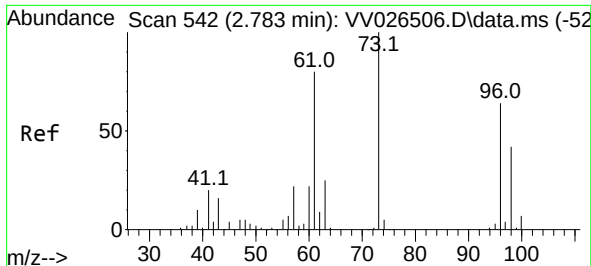
Tgt Ion: 43 Resp: 39014
Ion Ratio Lower Upper
43 100
74 27.9 22.1 33.1



#16
Methylene chloride
Concen: 8.471 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 84 Resp: 153876
Ion Ratio Lower Upper
84 100
86 62.5 46.0 85.4
49 106.5 77.7 144.3

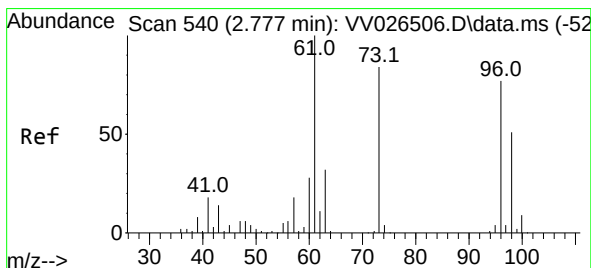
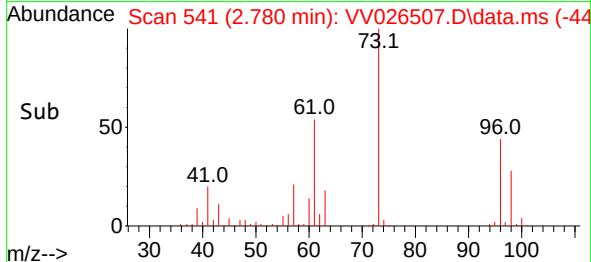
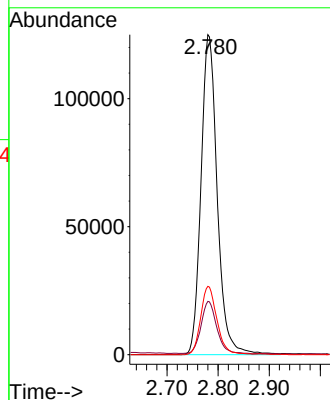
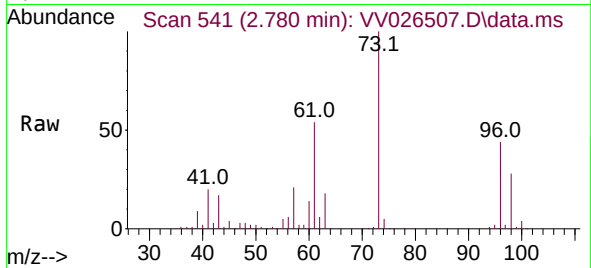




#17
Methyl tert-butyl Ether
Concen: 11.390 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

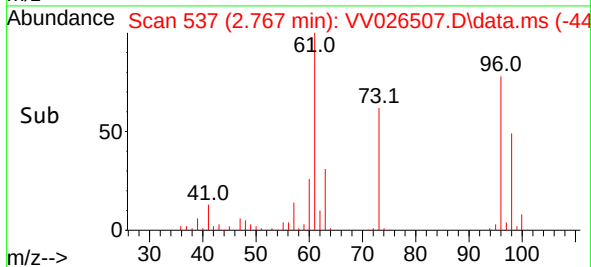
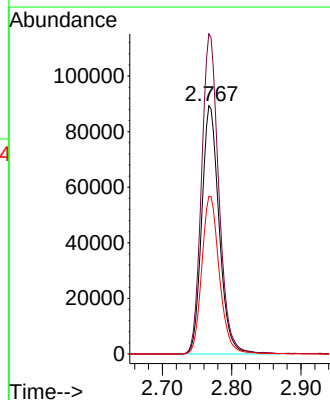
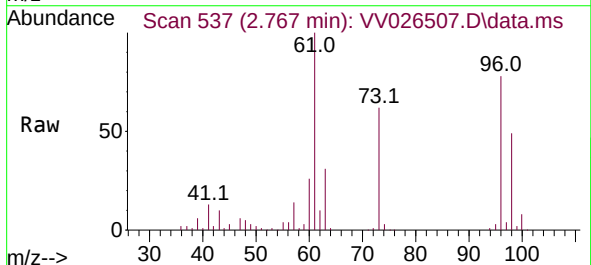
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

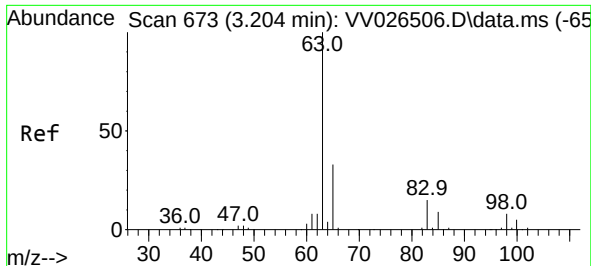
Tgt Ion: 73 Resp: 276177
Ion Ratio Lower Upper
73 100
43 16.0 13.3 19.9
57 21.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 10.964 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.009 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 96 Resp: 155318
Ion Ratio Lower Upper
96 100
61 129.0 90.4 167.8
98 63.5 45.6 84.8





#19

1,1-Dichloroethane

Concen: 10.418 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD010276

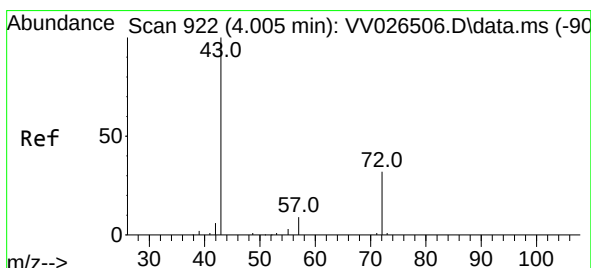
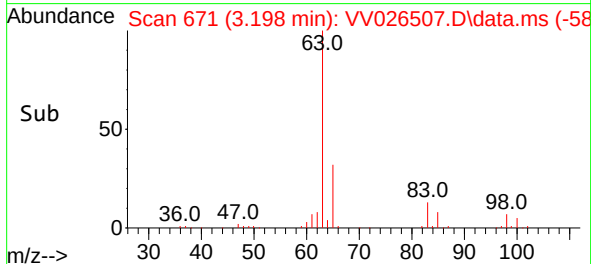
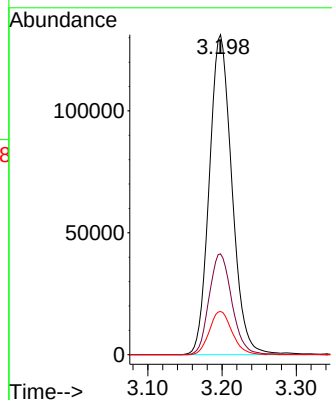
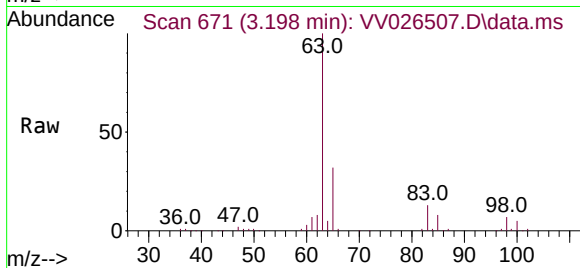
Tgt Ion: 63 Resp: 277110

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.6

83 13.5 10.2 19.0



#21

2-Butanone

Concen: 113.599 ug/L

RT: 4.002 min Scan# 921

Delta R.T. -0.003 min

Lab File: VV026507.D

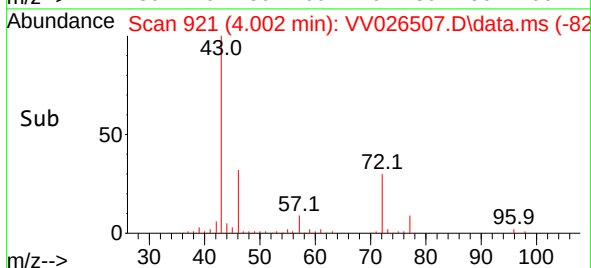
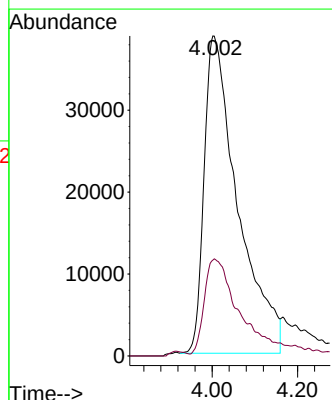
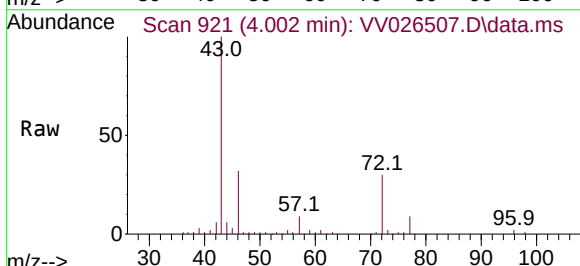
Acq: 23 Jun 2022 11:50

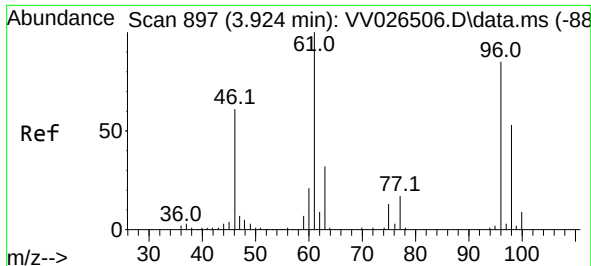
Tgt Ion: 43 Resp: 211781

Ion Ratio Lower Upper

43 100

72 31.1 13.5 40.5

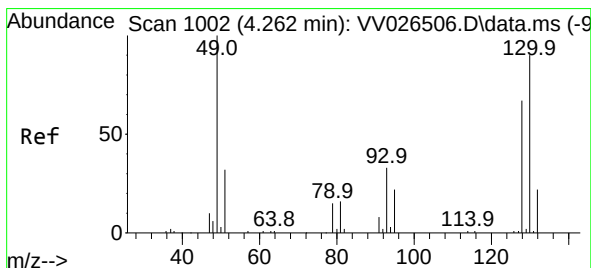
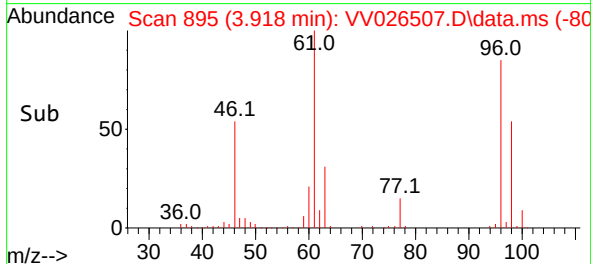
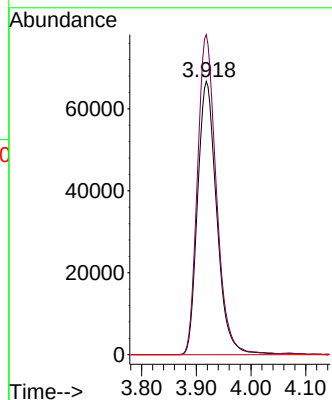
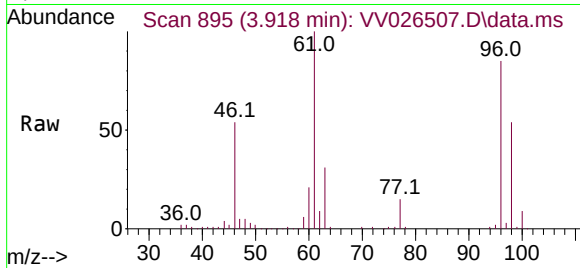




#22
 cis-1,2-Dichloroethene
 Concen: 11.320 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

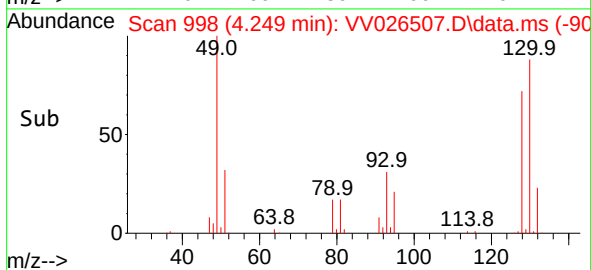
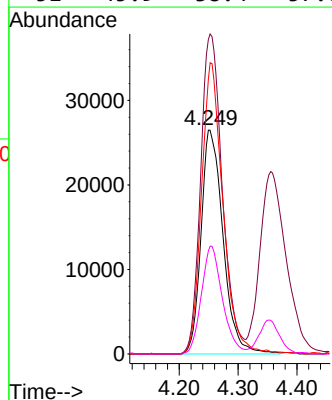
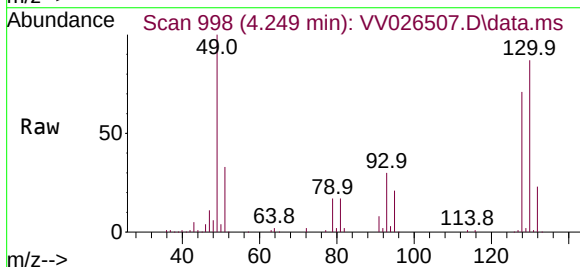
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

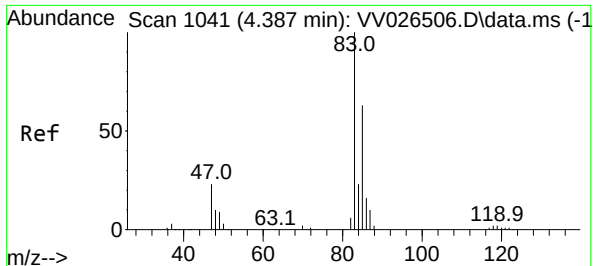
Tgt Ion: 96 Resp: 161785
 Ion Ratio Lower Upper
 96 100
 61 117.1 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 11.504 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.013 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

Tgt Ion: 128 Resp: 68604
 Ion Ratio Lower Upper
 128 100
 49 140.5 104.0 193.1
 130 122.7 93.4 173.6
 51 45.9 38.4 57.6

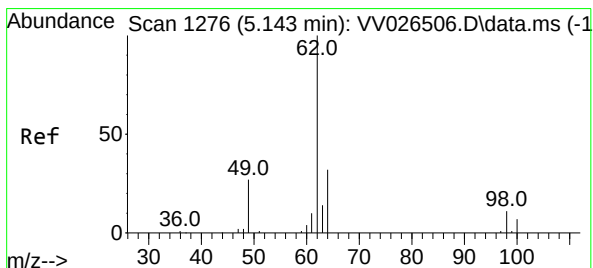
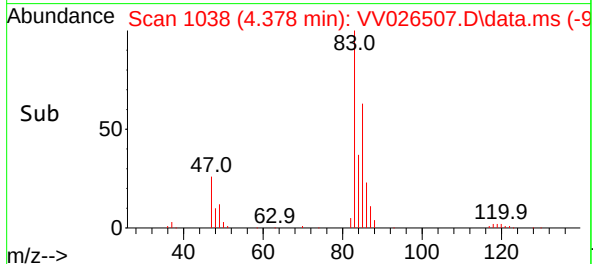
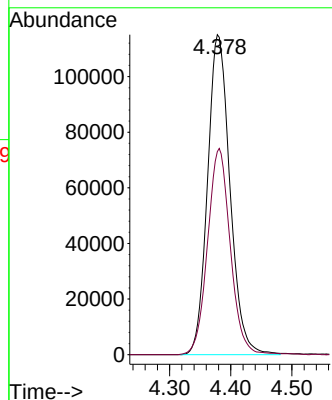
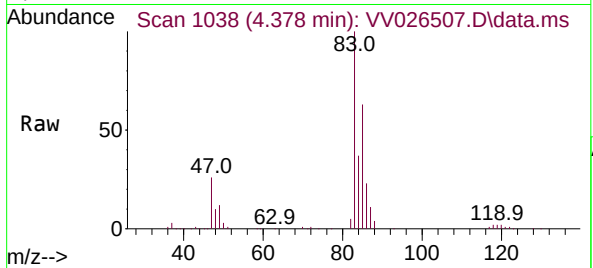




#25
Chloroform
Concen: 10.177 ug/L
RT: 4.378 min Scan# 1041
Delta R.T. -0.009 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

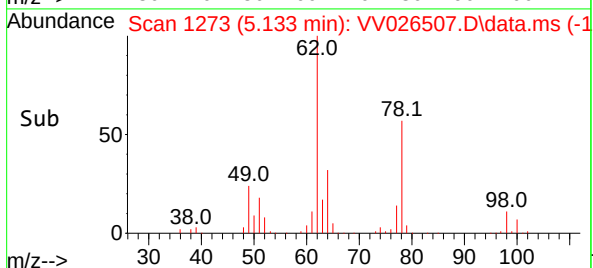
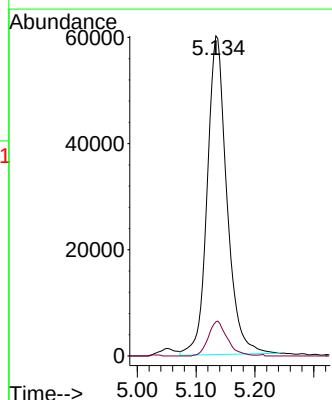
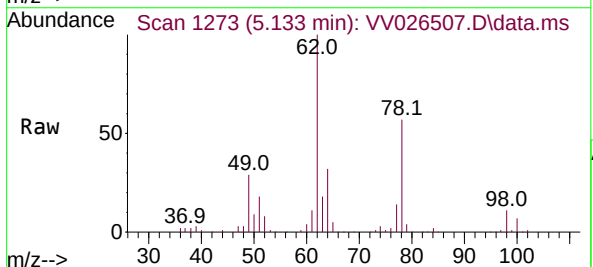
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

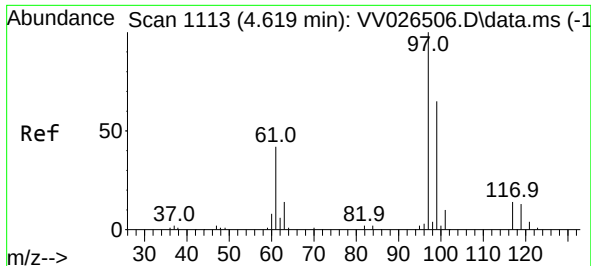
Tgt Ion: 83 Resp: 293204
Ion Ratio Lower Upper
83 100
85 63.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 10.700 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.009 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 62 Resp: 139274
Ion Ratio Lower Upper
62 100
98 10.7 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 10.661 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD010276

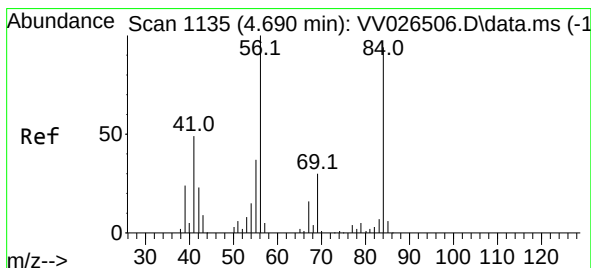
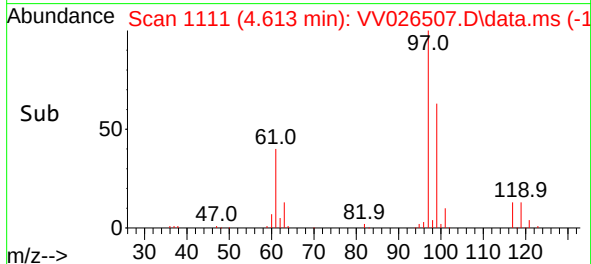
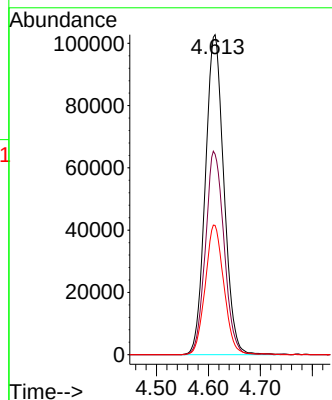
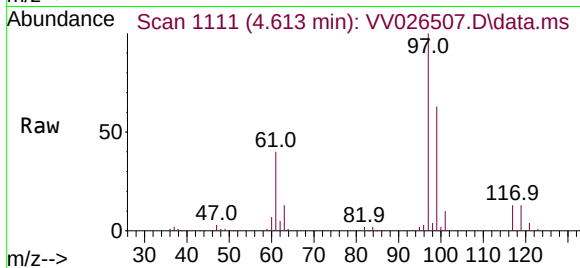
Tgt Ion: 97 Resp: 254597

Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 40.7 33.0 49.4



#30

Cyclohexane

Concen: 11.993 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

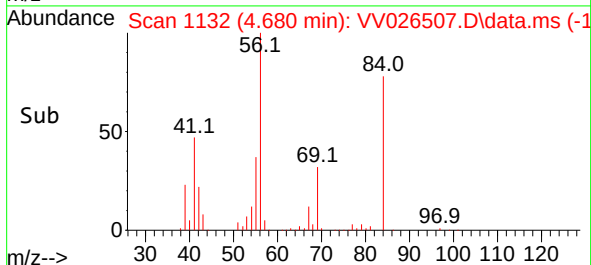
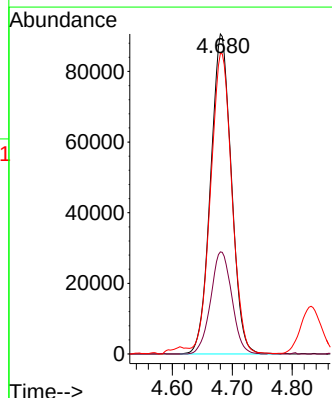
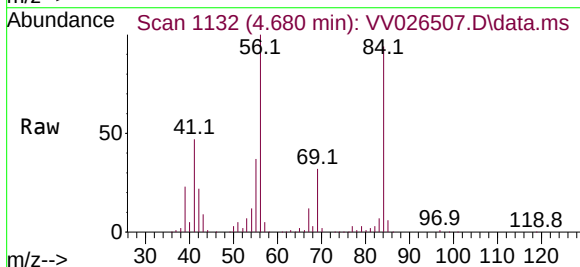
Tgt Ion: 56 Resp: 217697

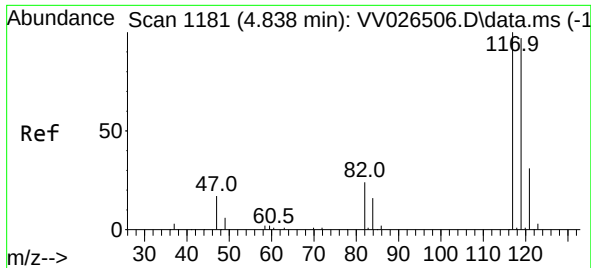
Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

84 96.5 77.8 116.6

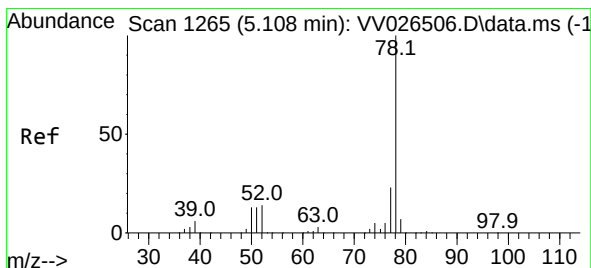
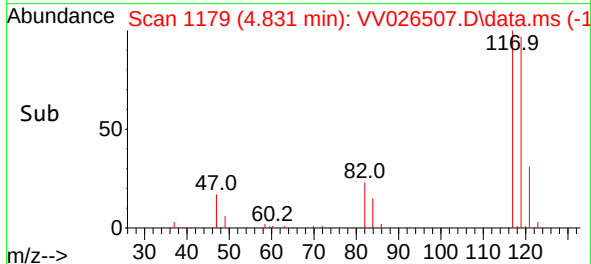
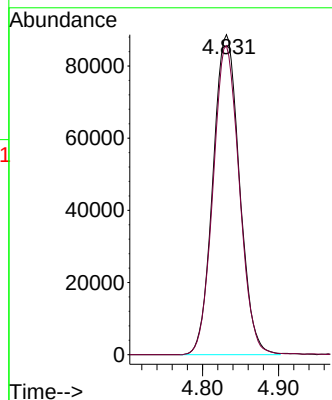
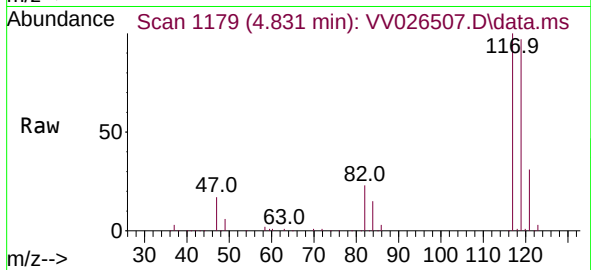




#31
Carbon tetrachloride
Concen: 10.596 ug/L
RT: 4.831 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

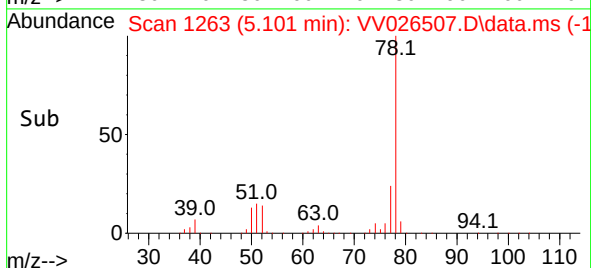
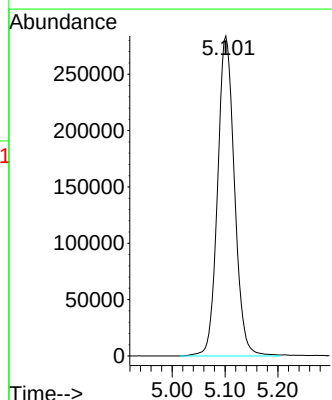
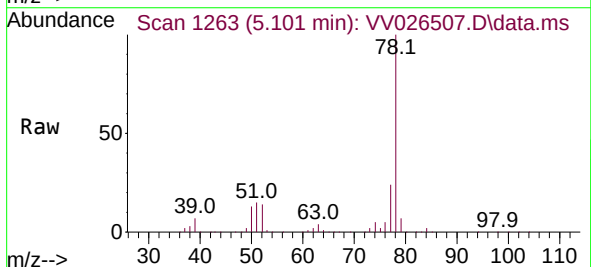
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

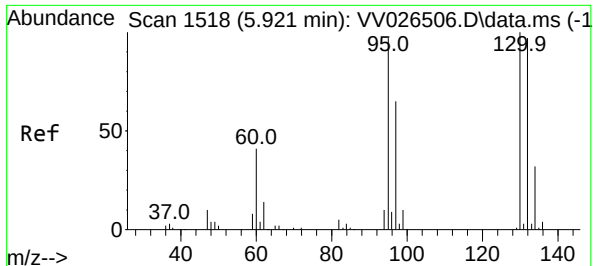
Tgt Ion:117 Resp: 214719
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 11.328 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 78 Resp: 631126

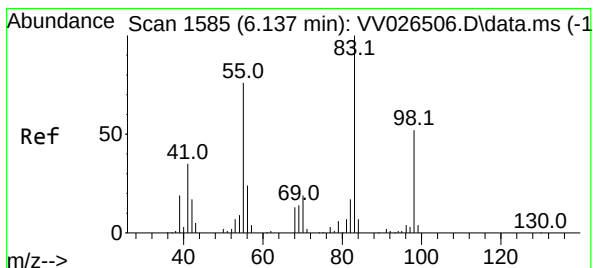
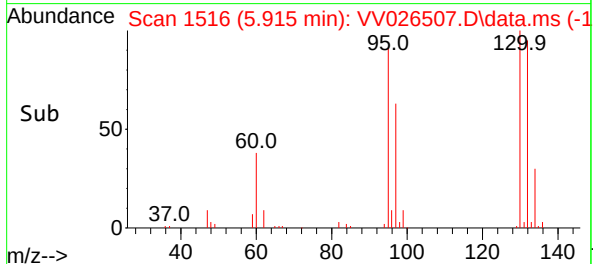
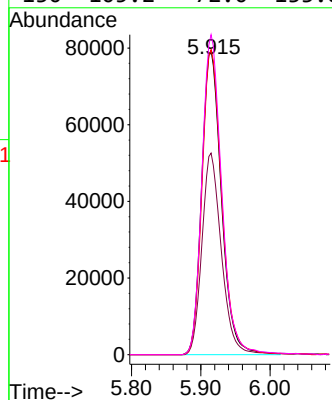
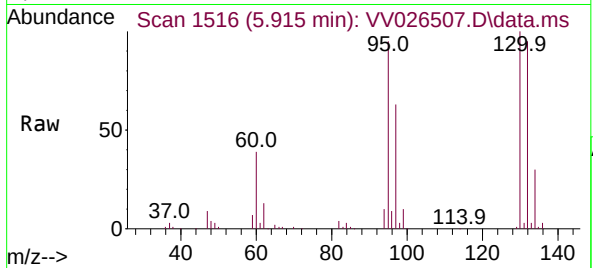




#34
Trichloroethene
Concen: 10.386 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

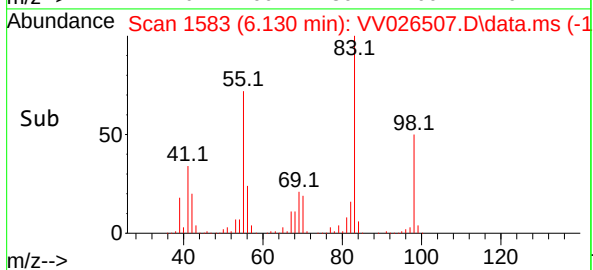
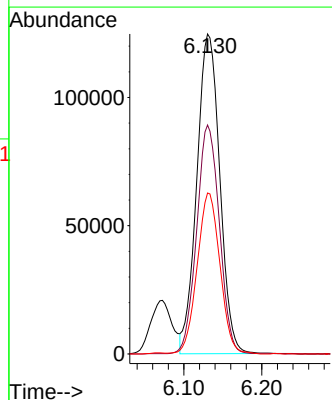
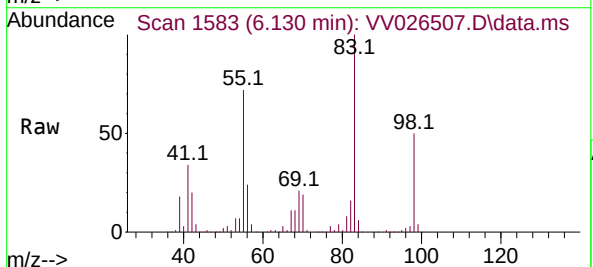
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

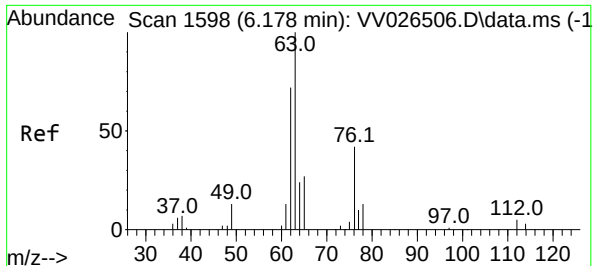
Tgt Ion: 95 Resp: 156923
Ion Ratio Lower Upper
95 100
97 66.3 46.8 87.0
132 100.2 69.9 129.7
130 105.2 72.0 133.8



#35
Methylcyclohexane
Concen: 11.925 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 83 Resp: 255638
Ion Ratio Lower Upper
83 100
55 70.4 57.0 85.4
98 50.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 10.615 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

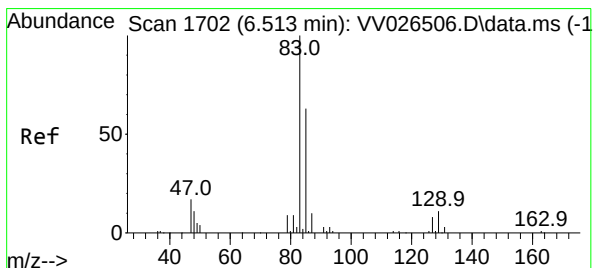
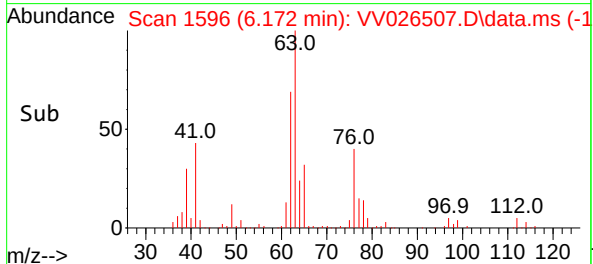
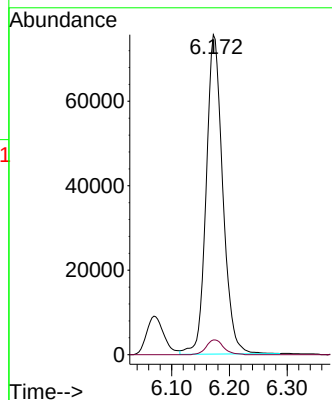
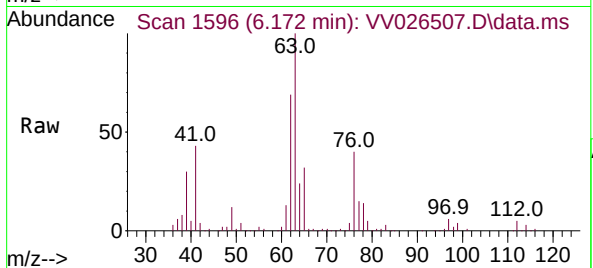
VSTD010276

Tgt Ion: 63 Resp: 150637

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.4



#38

Bromodichloromethane

Concen: 10.435 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

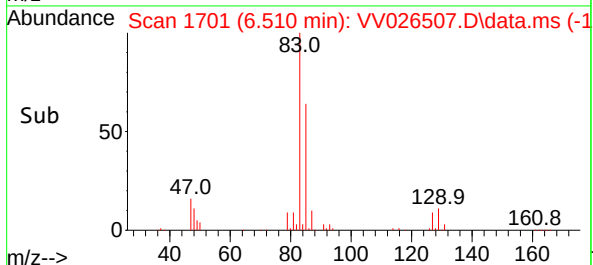
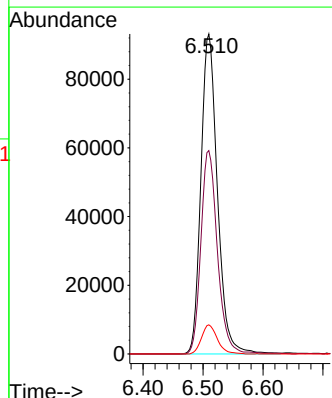
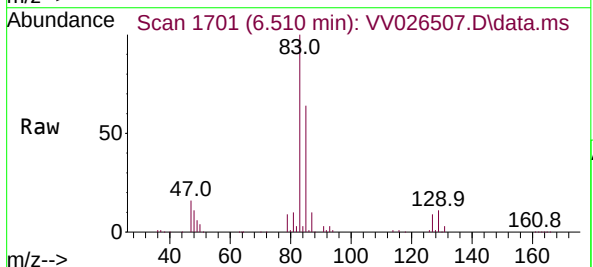
Tgt Ion: 83 Resp: 178818

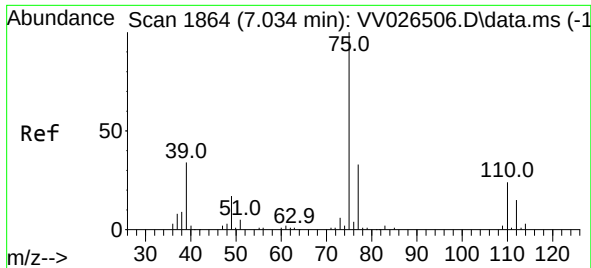
Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8

127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 11.094 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

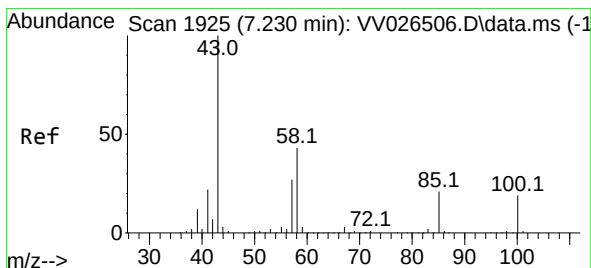
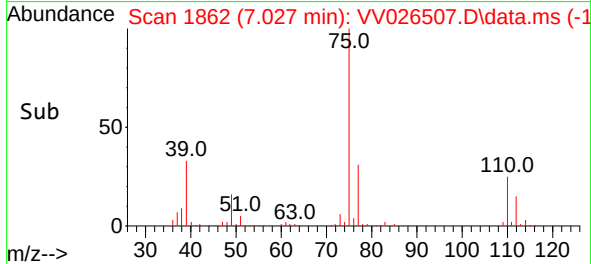
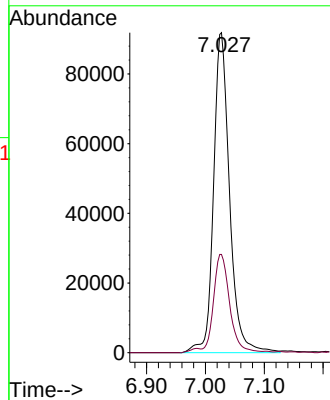
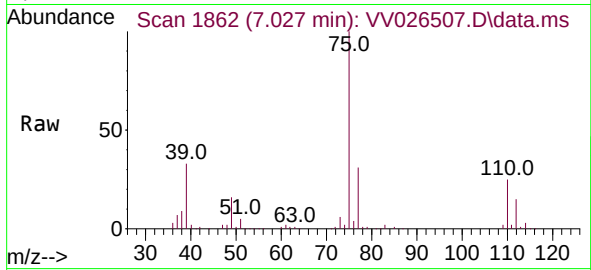
VSTD010276

Tgt Ion: 75 Resp: 173593

Ion Ratio Lower Upper

75 100

77 30.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 120.751 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

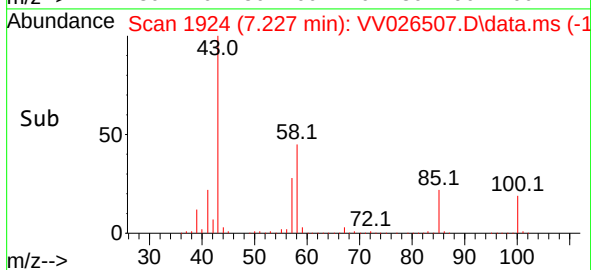
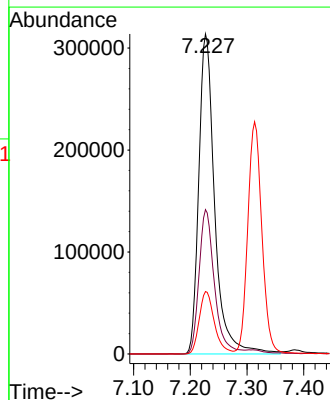
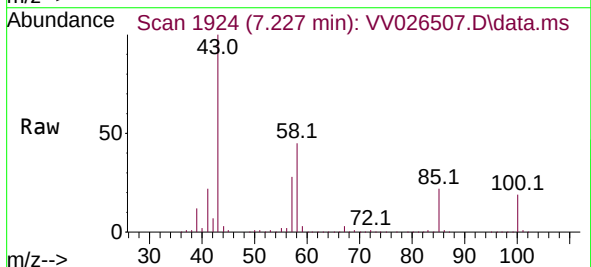
Tgt Ion: 43 Resp: 612112

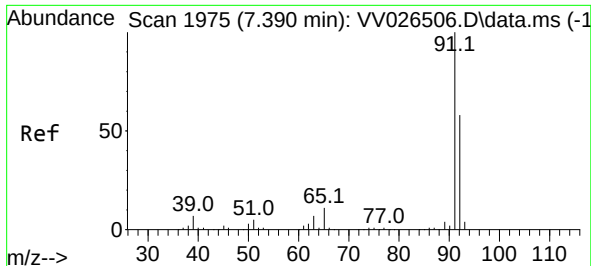
Ion Ratio Lower Upper

43 100

58 43.6 33.3 49.9

100 18.6 14.3 21.5





#42

Toluene

Concen: 11.677 ug/L

RT: 7.384 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

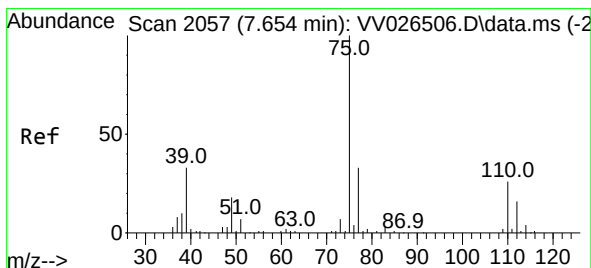
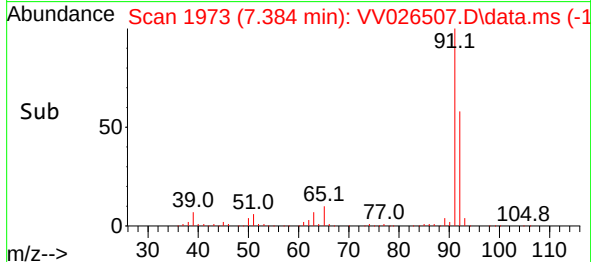
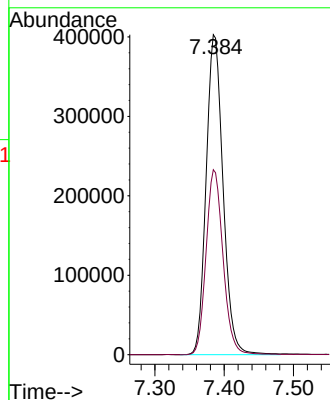
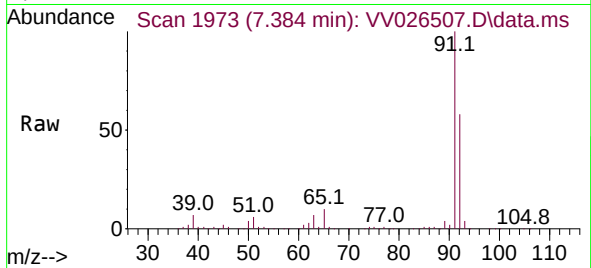
VSTD010276

Tgt Ion: 91 Resp: 681372

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 10.695 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV026507.D

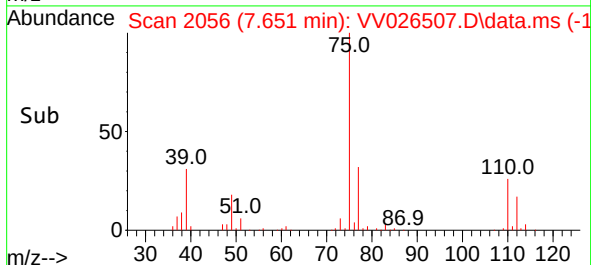
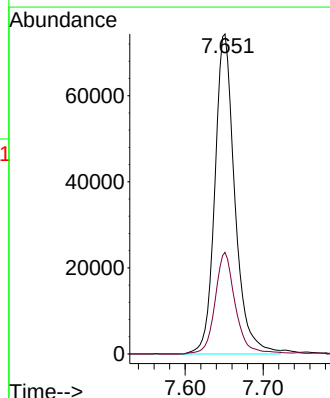
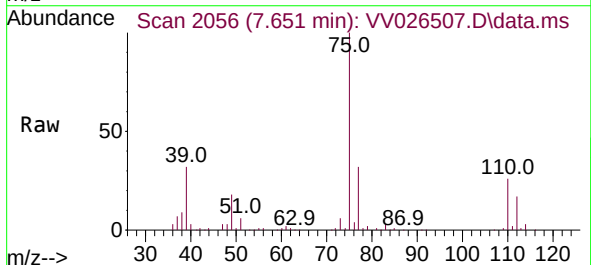
Acq: 23 Jun 2022 11:50

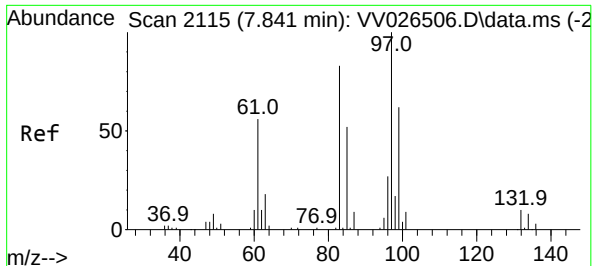
Tgt Ion: 75 Resp: 132624

Ion Ratio Lower Upper

75 100

77 31.8 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 10.777 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD010276

Tgt Ion: 97 Resp: 100139

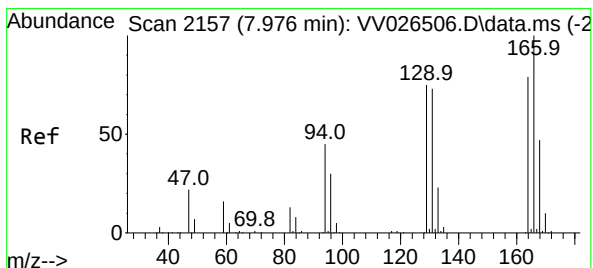
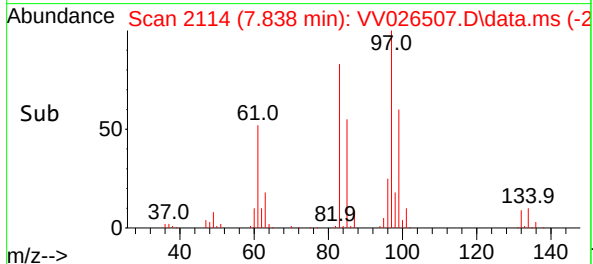
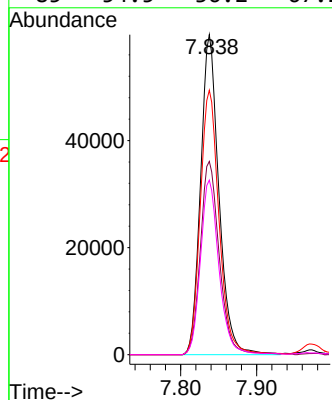
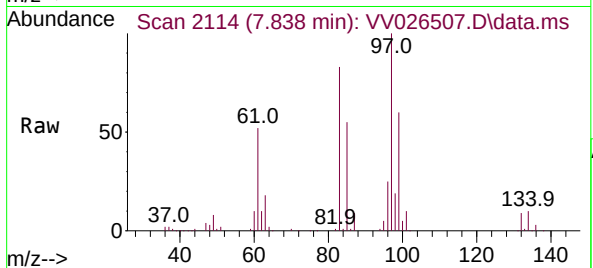
Ion Ratio Lower Upper

97 100

99 60.4 43.4 80.6

83 82.7 58.0 107.8

85 54.5 36.2 67.2



#47

Tetrachloroethene

Concen: 11.306 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Tgt Ion: 164 Resp: 128332

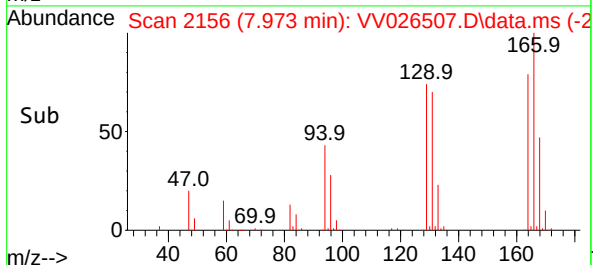
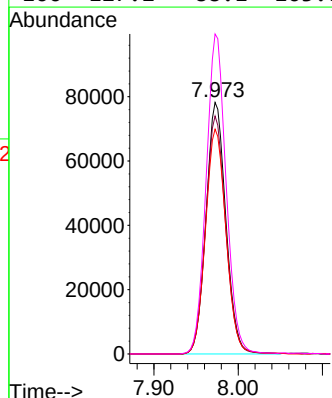
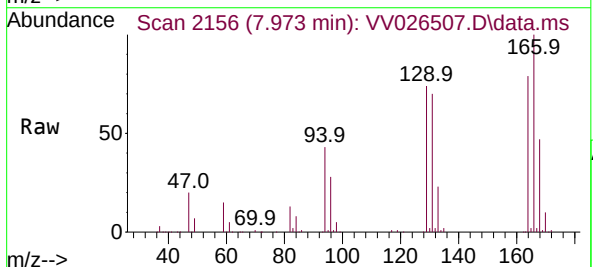
Ion Ratio Lower Upper

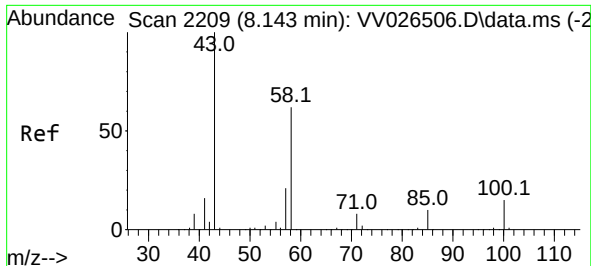
164 100

129 94.6 66.4 123.2

131 89.4 64.4 119.6

166 127.2 88.1 163.7



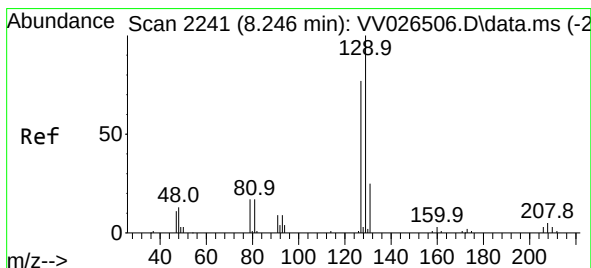
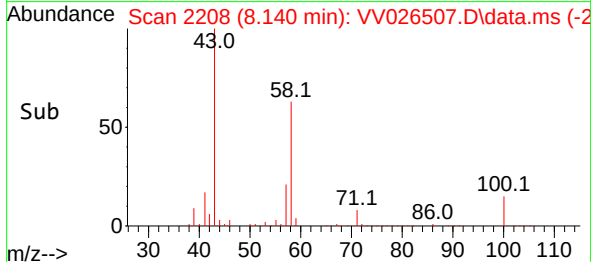
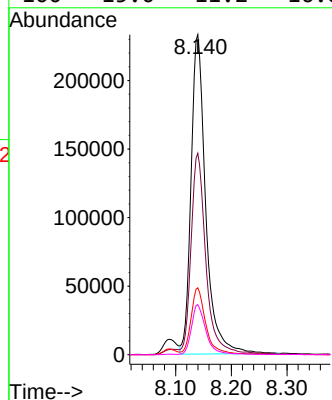
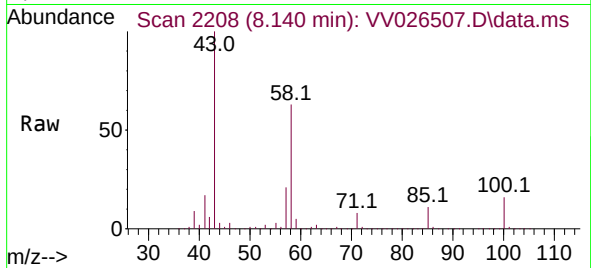


#48
2-Hexanone
Concen: 119.555 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

Tgt Ion: 43 Resp: 427599

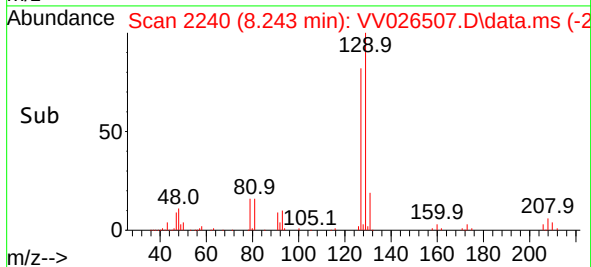
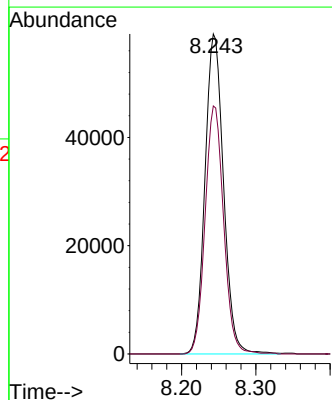
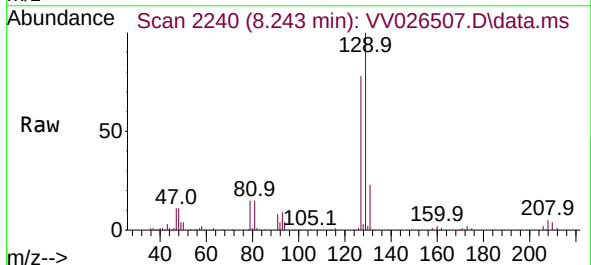
Ion	Ratio	Lower	Upper
43	100		
58	64.1	47.8	71.6
57	20.6	15.0	22.6
100	15.0	11.2	16.8

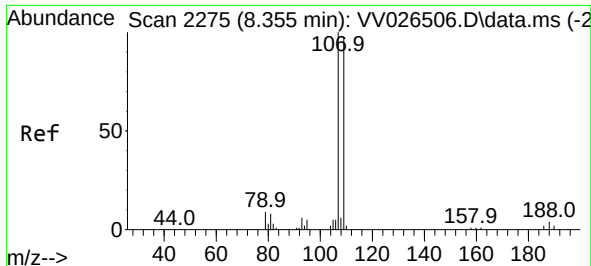


#49
Dibromochloromethane
Concen: 10.201 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 129 Resp: 102429

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.2	100.6

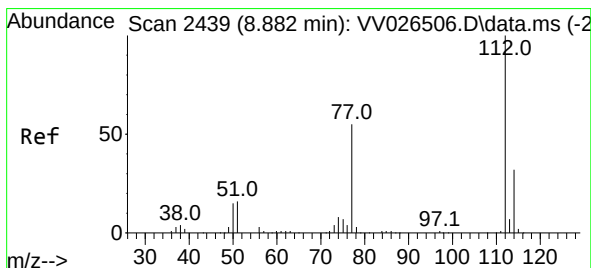
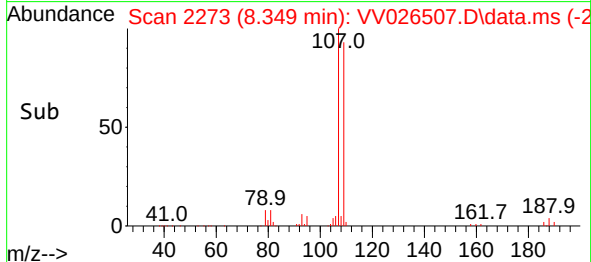
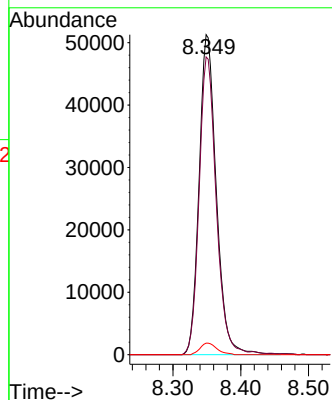
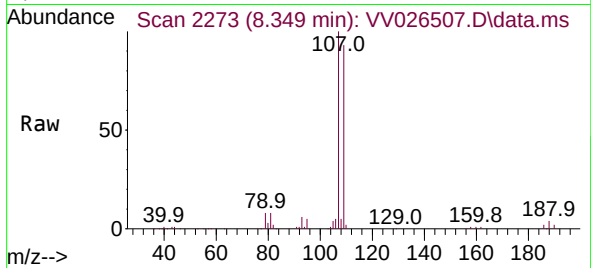




#50
1,2-Dibromoethane
Concen: 11.343 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

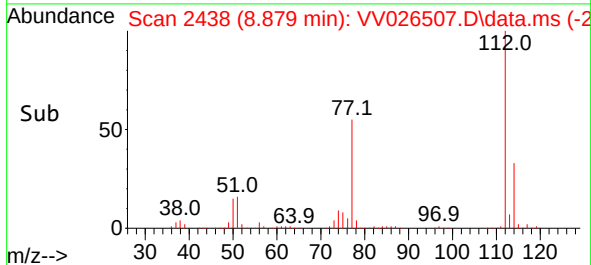
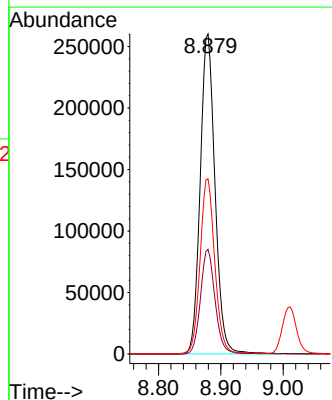
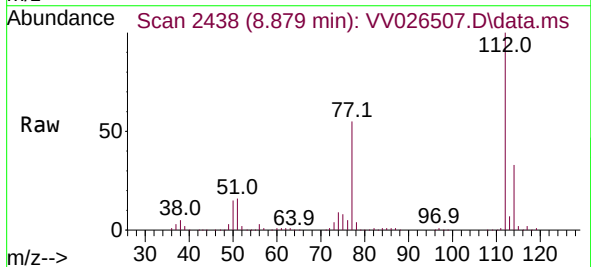
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

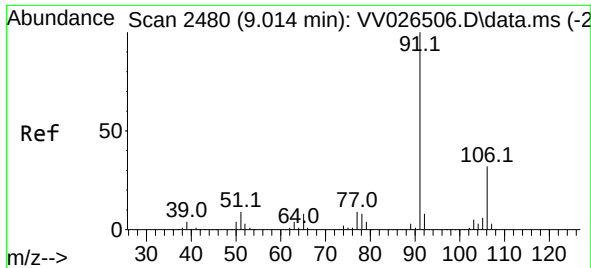
Tgt Ion:	107	Resp:	90395
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.8	125.8
188	3.6	3.2	4.8



#51
Chlorobenzene
Concen: 11.311 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion:	112	Resp:	429956
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.5
77	54.8	44.4	66.6

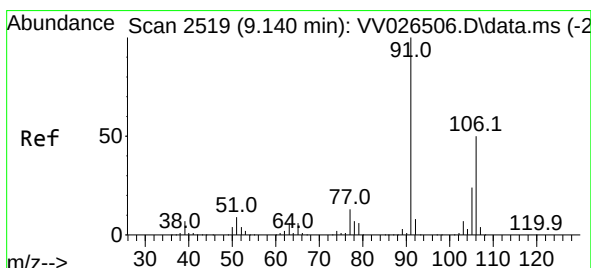
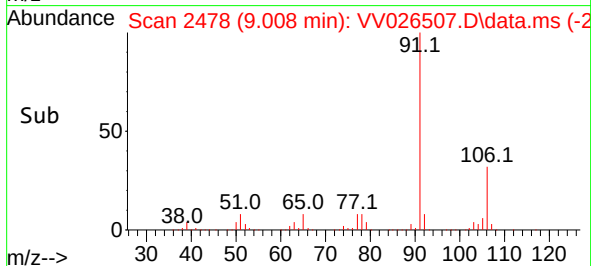
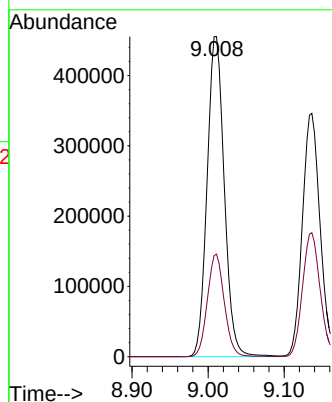
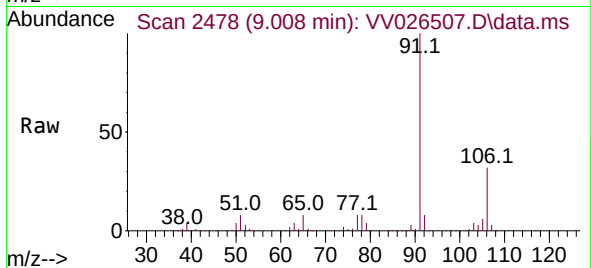




#52
Ethylbenzene
Concen: 12.128 ug/L
RT: 9.008 min Scan# 2480
Delta R.T. -0.006 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

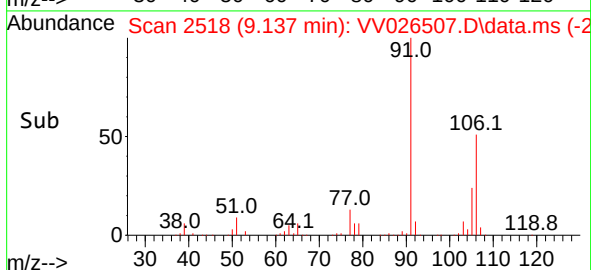
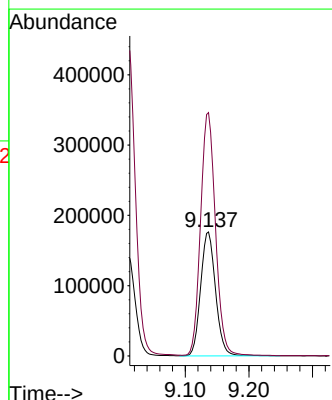
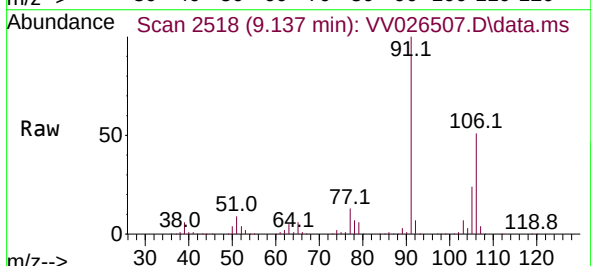
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

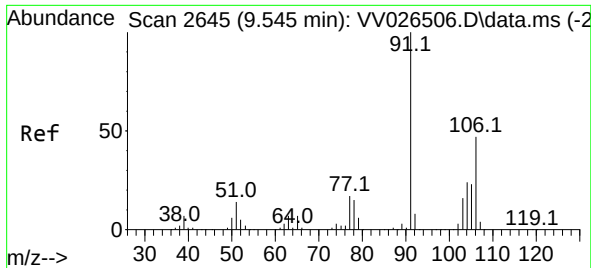
Tgt Ion: 91 Resp: 714619
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 12.389 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 106 Resp: 286370
Ion Ratio Lower Upper
106 100
91 196.3 139.9 259.9

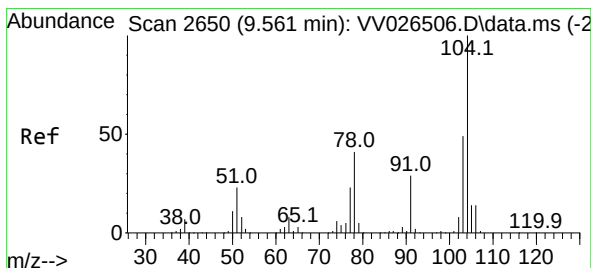
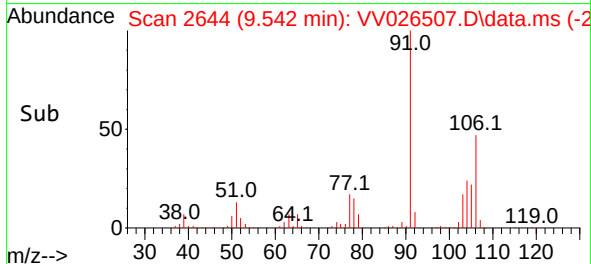
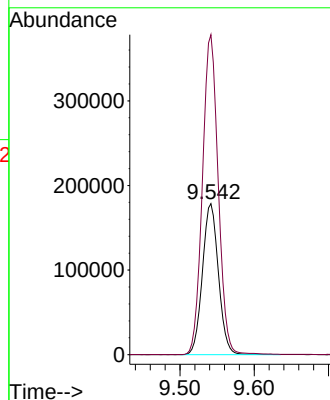
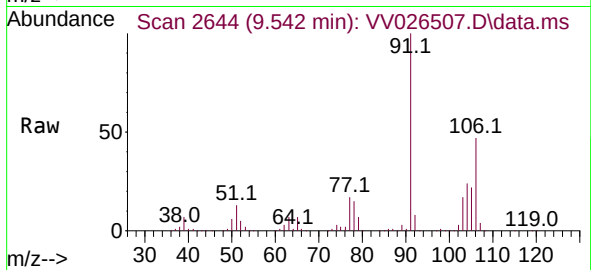




#54
o-Xylene
Concen: 12.104 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

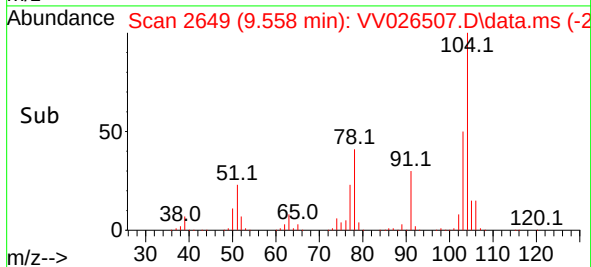
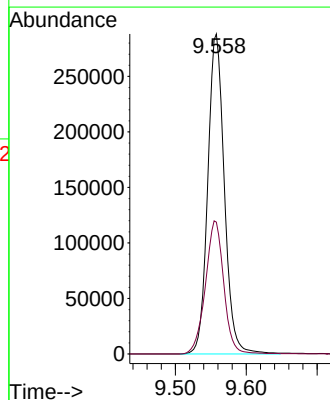
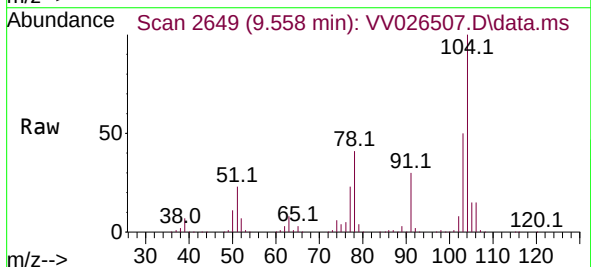
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

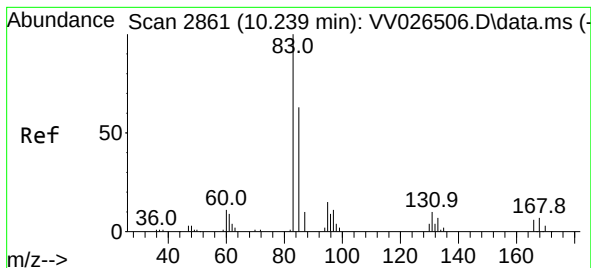
Tgt Ion:106 Resp: 267389
Ion Ratio Lower Upper
106 100
91 211.8 147.5 273.9



#55
Styrene
Concen: 12.613 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion:104 Resp: 468080
Ion Ratio Lower Upper
104 100
78 41.2 28.4 52.8

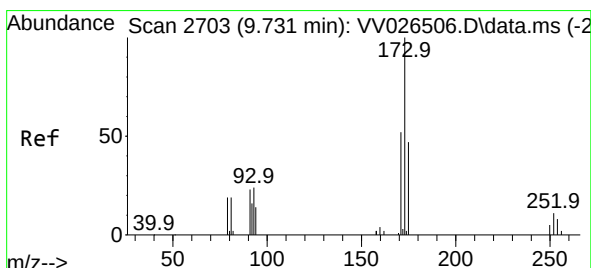
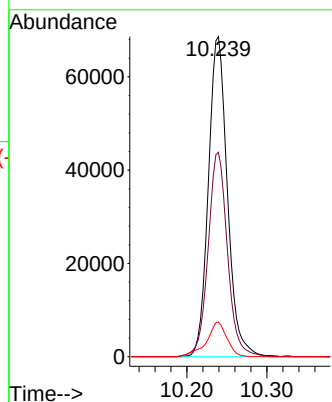
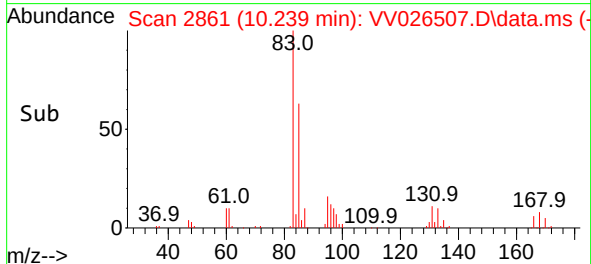
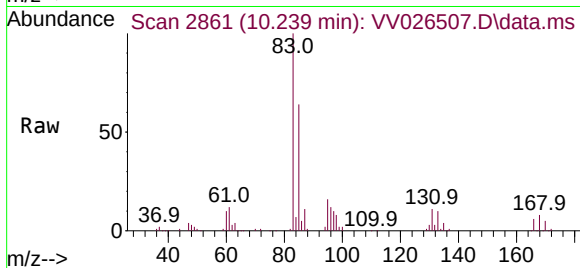




#57
1,1,2,2-Tetrachloroethane
Concen: 11.755 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

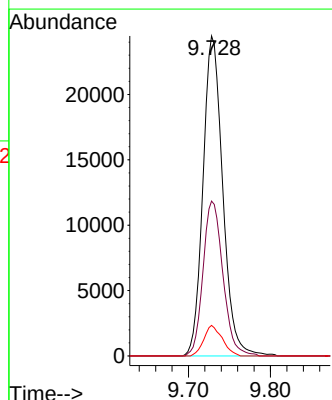
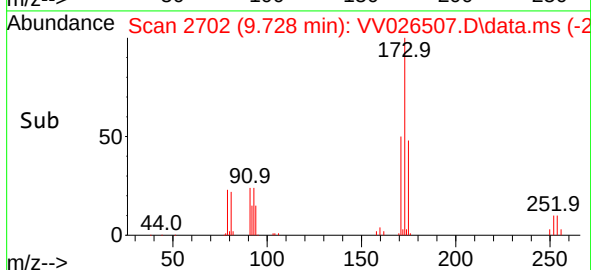
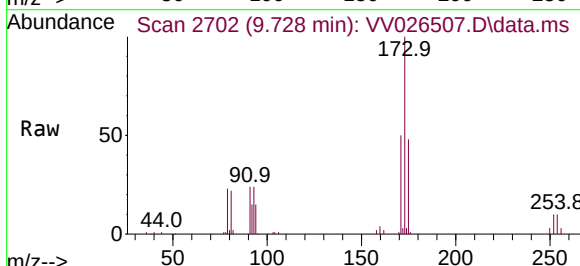
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

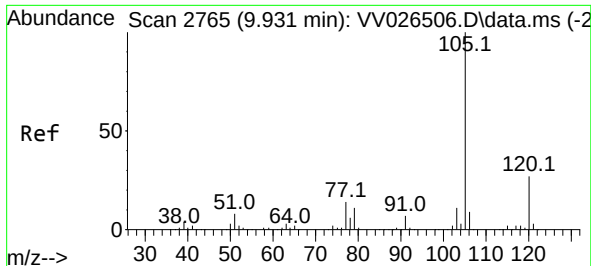
Tgt Ion: 83 Resp: 113480
Ion Ratio Lower Upper
83 100
85 63.9 44.3 82.3
131 10.9 8.0 12.0



#59
Bromoform
Concen: 8.817 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 173 Resp: 41055
Ion Ratio Lower Upper
173 100
175 48.7 37.9 56.9
254 8.9 6.3 9.5

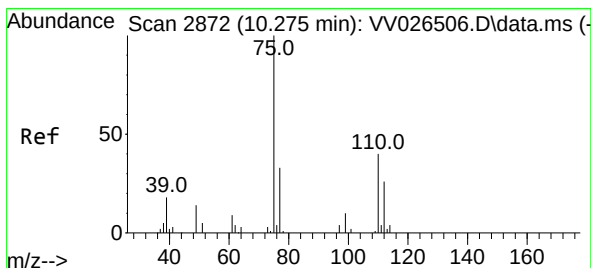
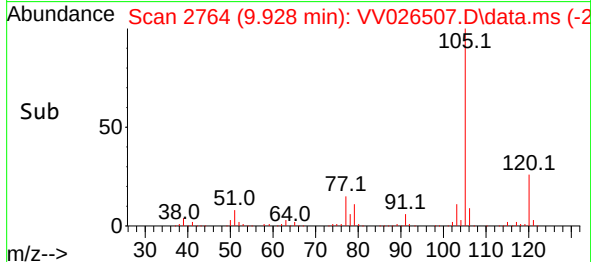
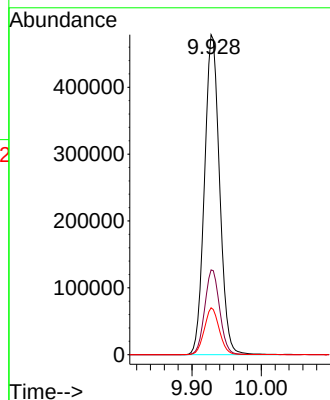
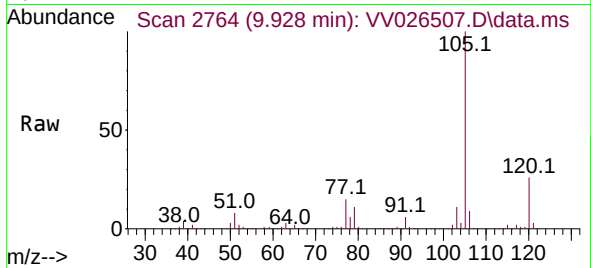




#60
Isopropylbenzene
Concen: 11.773 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

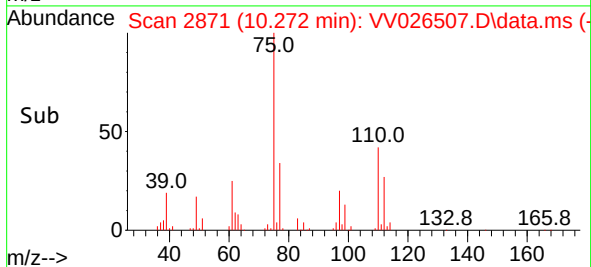
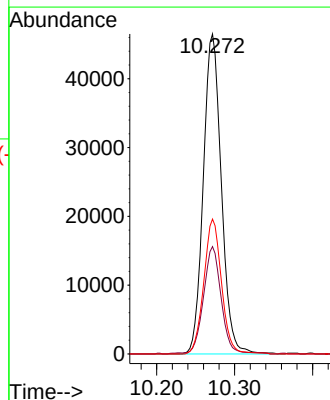
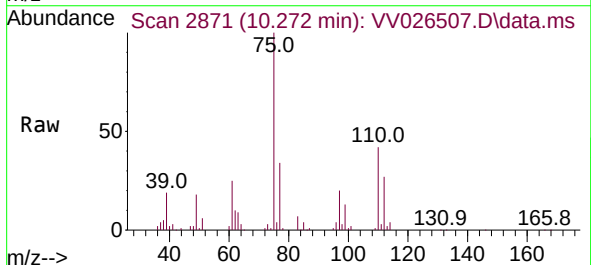
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

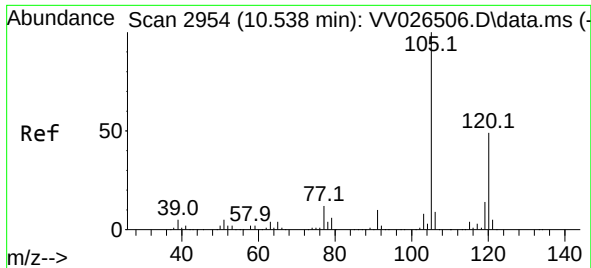
Tgt Ion:105 Resp: 722505
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 10.433 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 75 Resp: 74667
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
110 41.4 32.5 48.7

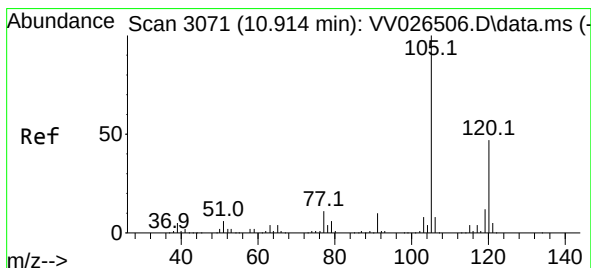
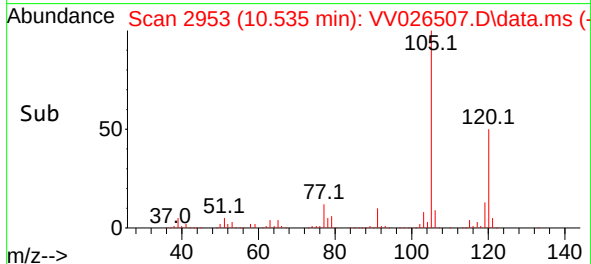
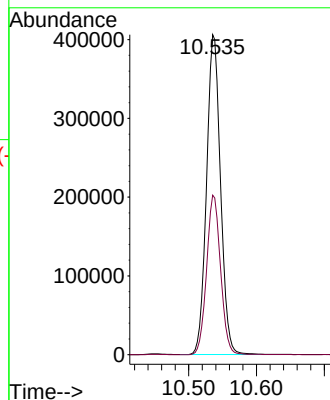
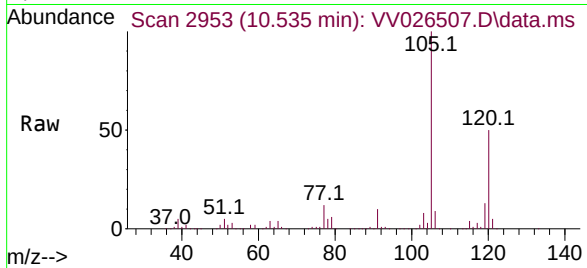




#62
 1,3,5-Trimethylbenzene
 Concen: 11.935 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.003 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

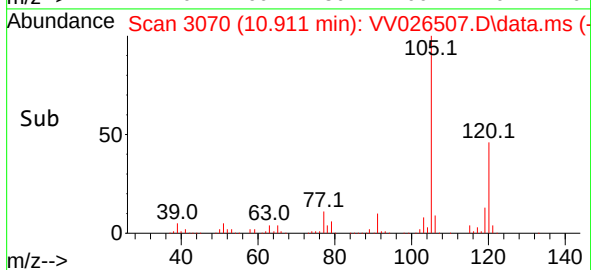
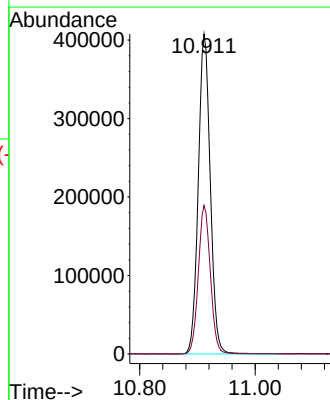
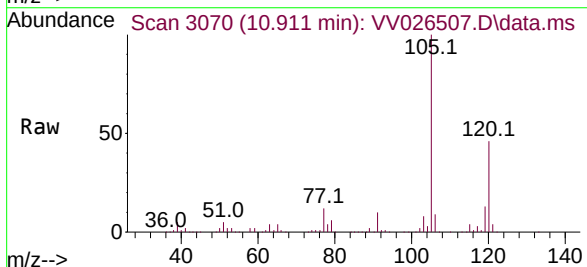
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

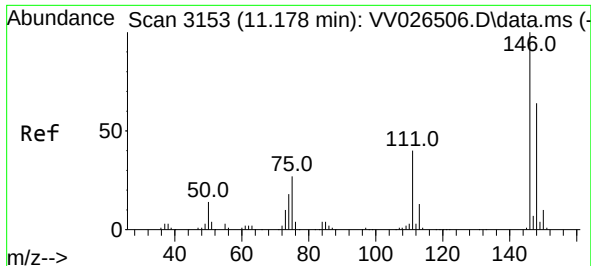
Tgt Ion:105 Resp: 582202
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 12.149 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

Tgt Ion:105 Resp: 587140
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.4 56.2

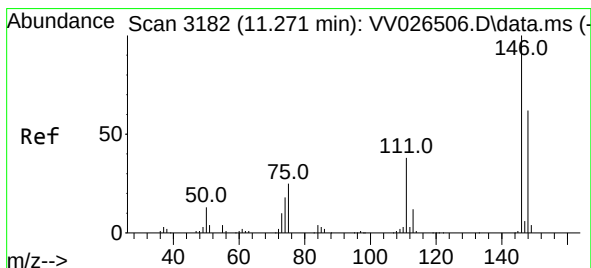
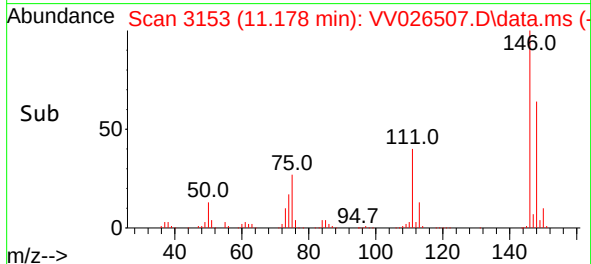
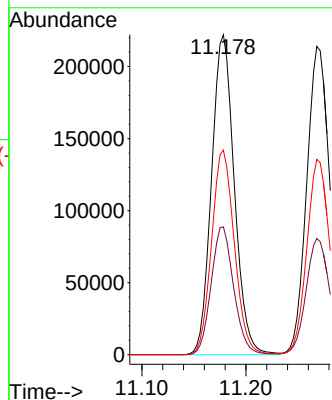
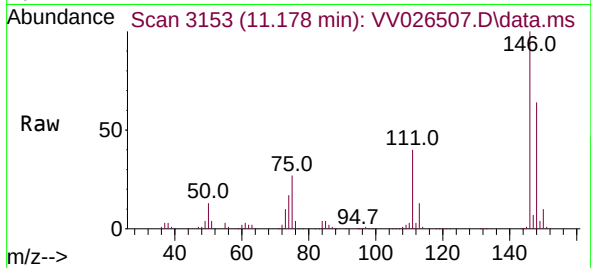




#64
 1,3-Dichlorobenzene
 Concen: 11.278 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

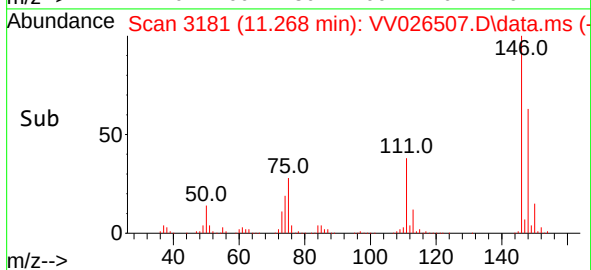
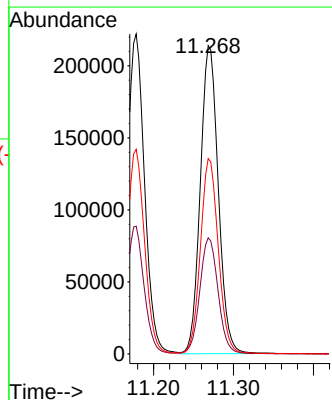
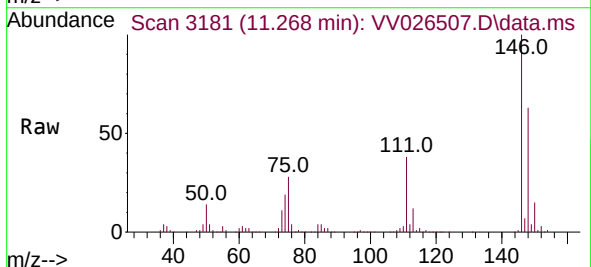
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

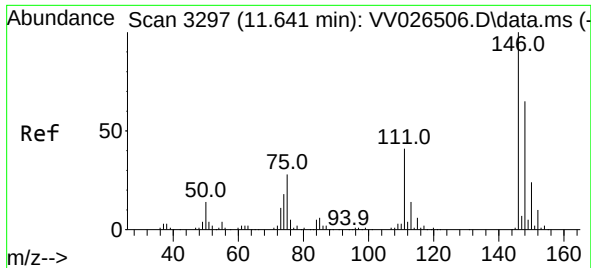
Tgt Ion:146 Resp: 337513
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.9 51.7
 148 63.9 44.6 82.8



#65
 1,4-Dichlorobenzene
 Concen: 11.062 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. -0.003 min
 Lab File: VV026507.D
 Acq: 23 Jun 2022 11:50

Tgt Ion:146 Resp: 334940
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.5 49.3
 148 63.3 43.7 81.1

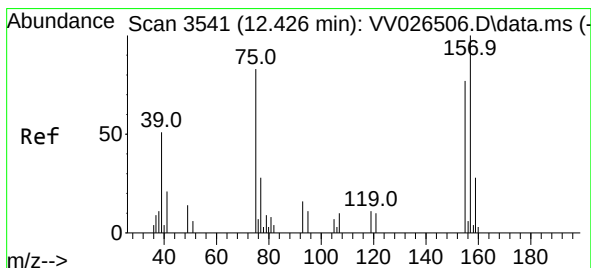
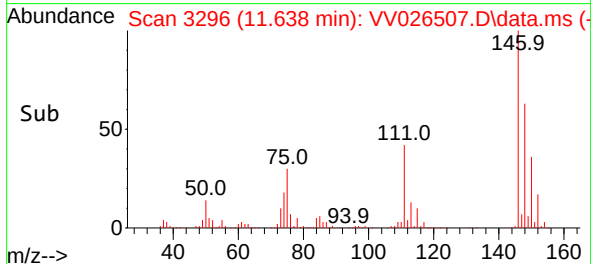
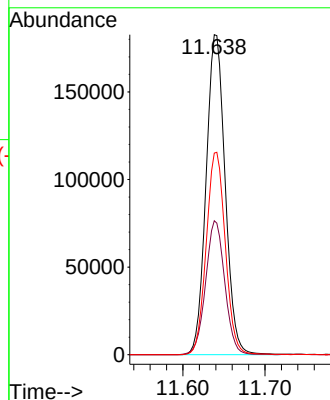
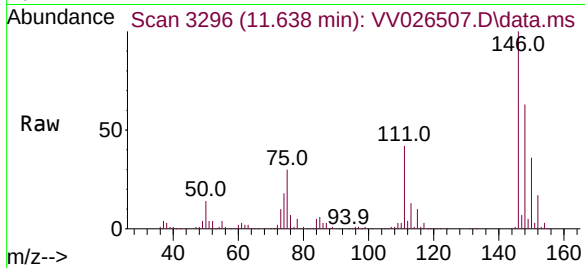




#67
1,2-Dichlorobenzene
Concen: 11.234 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

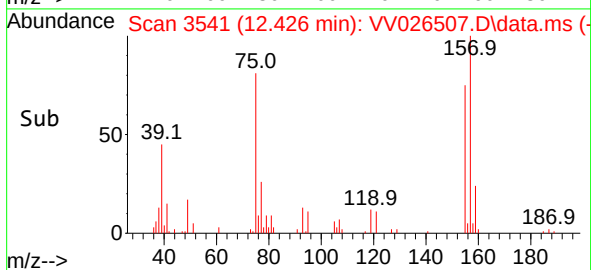
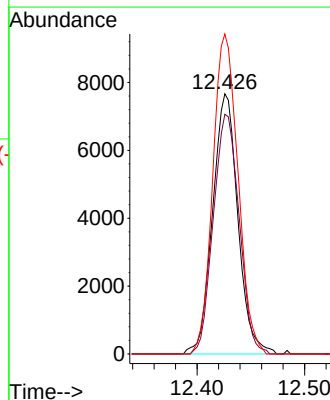
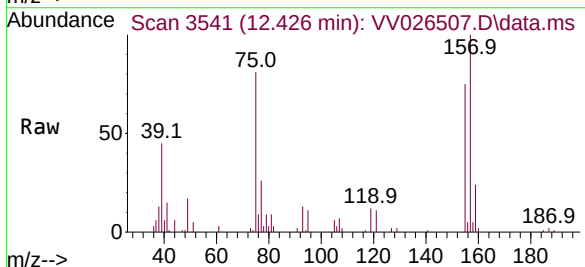
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

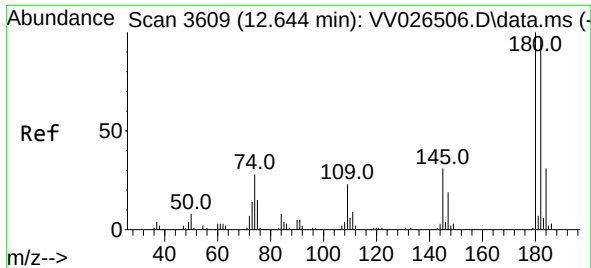
Tgt Ion:146 Resp: 294310
Ion Ratio Lower Upper
146 100
111 41.8 32.8 49.2
148 63.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 10.087 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion: 75 Resp: 12520
Ion Ratio Lower Upper
75 100
155 92.1 74.7 112.1
157 123.0 96.9 145.3

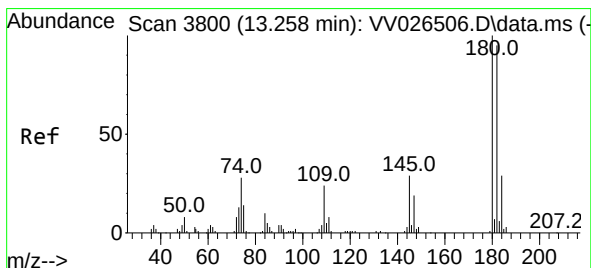
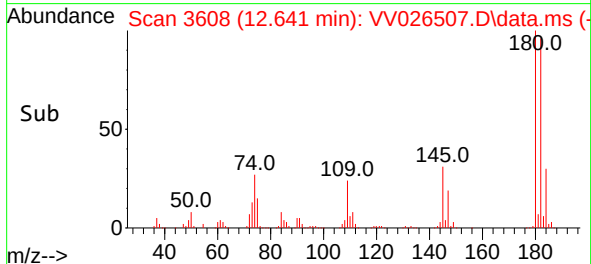
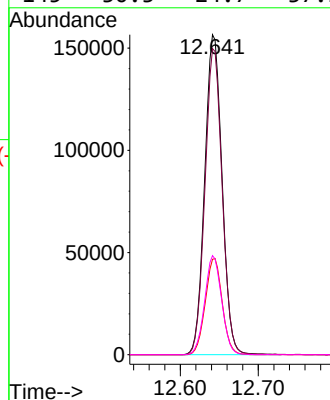
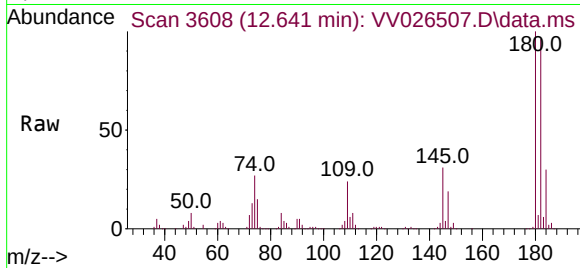




#69
1,3,5-Trichlorobenzene
Concen: 11.281 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

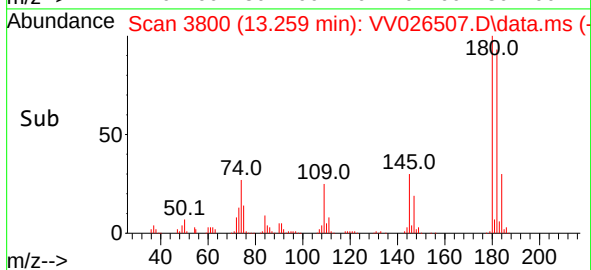
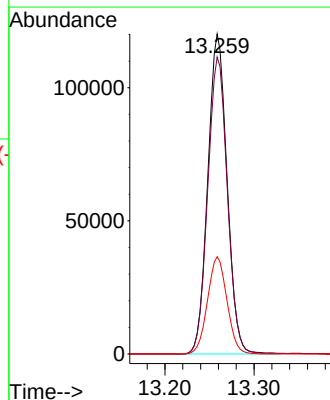
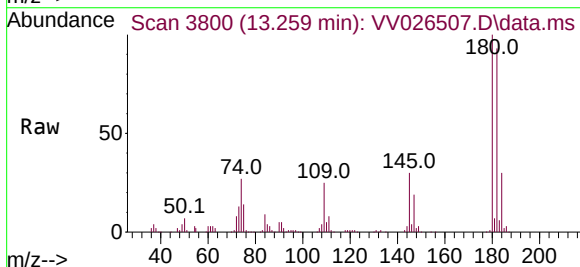
Instrument :
MSVOA_V
ClientSampleId :
VSTD010276

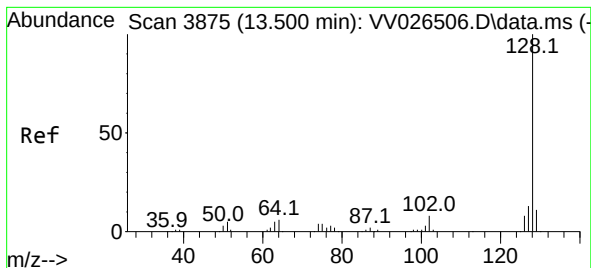
Tgt Ion:180 Resp: 241886
Ion Ratio Lower Upper
180 100
182 94.9 76.6 115.0
184 29.4 24.1 36.1
145 30.3 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 11.404 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV026507.D
Acq: 23 Jun 2022 11:50

Tgt Ion:180 Resp: 180244
Ion Ratio Lower Upper
180 100
182 94.5 75.2 112.8
145 30.7 24.4 36.6





#71

Naphthalene

Concen: 11.666 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD010276

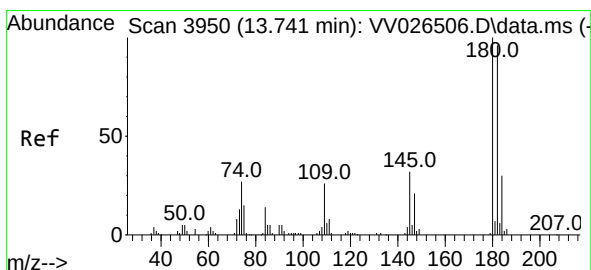
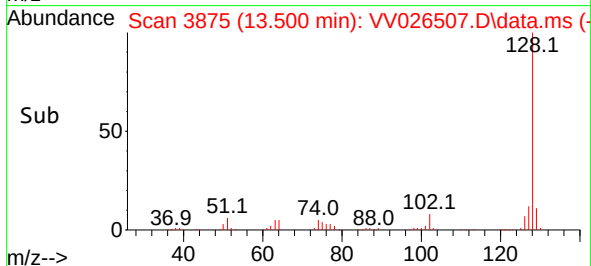
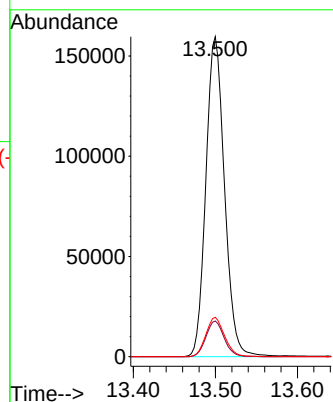
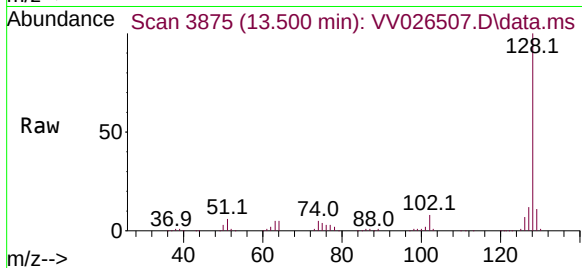
Tgt Ion:128 Resp: 251702

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.4 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 11.740 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026507.D

Acq: 23 Jun 2022 11:50

Tgt Ion:180 Resp: 153612

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 32.5 25.8 38.6

