

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026508.D
 Acq On : 23 Jun 2022 12:14
 Operator : SY/MD
 Sample : VSTD02077
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02077

Quant Time: Jun 24 00:02:44 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	5.622	114	235344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	222546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	371560	18.769	ug/L	0.00
7) Chloroethane-d5	1.581	69	298668	18.882	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	667663	19.331	ug/L	0.00
20) 2-Butanone-d5	3.915	46	511593	255.582	ug/L	0.00
24) Chloroform-d	4.355	84	631390	21.158	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	248563	20.087	ug/L	0.00
32) Benzene-d6	5.056	84	1319589	22.055	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	367360	19.645	ug/L	0.00
41) Toluene-d8	7.317	98	1249572	22.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	124562	23.348	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	491863	293.755	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	245203	22.964	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	402809	22.044	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	351084	20.024	ug/L	99
3) Chloromethane	1.253	50	361462	18.655	ug/L	99
5) Vinyl chloride	1.323	62	412108	20.439	ug/L	97
6) Bromomethane	1.536	94	227948	20.464	ug/L	97
8) Chloroethane	1.597	64	252532	19.650	ug/L	94
9) Trichlorofluoromethane	1.764	101	566240	20.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	334777	20.474	ug/L	99
12) 1,1-Dichloroethene	2.130	96	317012	21.189	ug/L	97
13) Acetone	2.224	43	267867	198.768	ug/L	100
14) Carbon disulfide	2.304	76	880713	23.636	ug/L	98
15) Methyl Acetate	2.458	43	74046	21.345	ug/L	98
16) Methylene chloride	2.519	84	313934	16.729	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	591790	23.625	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	331144	22.625	ug/L	98
19) 1,1-Dichloroethane	3.201	63	575714	20.951	ug/L	98
21) 2-Butanone	4.002	43	470459	244.263	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	351626	23.815	ug/L	99
23) Bromochloromethane	4.256	128	141205	22.919	ug/L	95
25) Chloroform	4.384	83	605856	20.355	ug/L	98
27) 1,2-Dichloroethane	5.137	62	290638	21.612	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	548891	21.872	ug/L	99
30) Cyclohexane	4.683	56	492911	25.841	ug/L	98
31) Carbon tetrachloride	4.834	117	452688	21.258	ug/L	100
33) Benzene	5.105	78	1338566	22.863	ug/L	100
34) Trichloroethene	5.918	95	337281	21.242	ug/L	99
35) Methylcyclohexane	6.133	83	572332	25.407	ug/L	98
37) 1,2-Dichloropropane	6.175	63	318274	21.343	ug/L	98
38) Bromodichloromethane	6.513	83	380035	21.105	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	412276	25.072	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	1290841	242.320	ug/L	95
42) Toluene	7.387	91	1456189	23.748	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	321046	24.636	ug/L	98

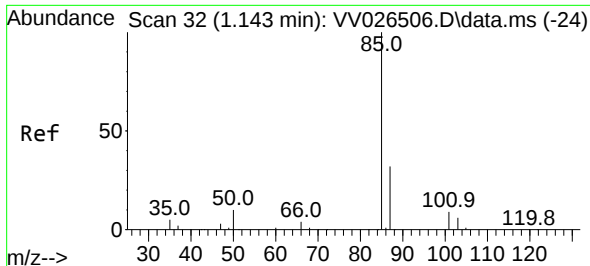
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026508.D
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Quant Time: Jun 24 00:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	206227	21.120	ug/L	98
47) Tetrachloroethene	7.976	164	272650	22.857	ug/L	99
48) 2-Hexanone	8.140	43	890529	236.938	ug/L	95
49) Dibromochloromethane	8.246	129	224942	21.317	ug/L	99
50) 1,2-Dibromoethane	8.352	107	188475	22.506	ug/L	96
51) Chlorobenzene	8.879	112	913947	22.881	ug/L	99
52) Ethylbenzene	9.011	91	1583641	25.576	ug/L	100
53) m,p-Xylene	9.137	106	626656	25.799	ug/L	98
54) o-Xylene	9.542	106	604980	26.060	ug/L	98
55) Styrene	9.558	104	1021892	26.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	237198	23.382	ug/L	100
59) Bromoform	9.728	173	94062	19.021	ug/L	97
60) Isopropylbenzene	9.931	105	1621419	24.879	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	154450	20.321	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1350426	26.068	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1352042	26.343	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	728406	22.920	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	720802	22.416	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	638148	22.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	28636	21.724	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	537904	23.623	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	415247	24.739	ug/L	99
71) Naphthalene	13.500	128	606475	26.468	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	344376	24.782	ug/L	98

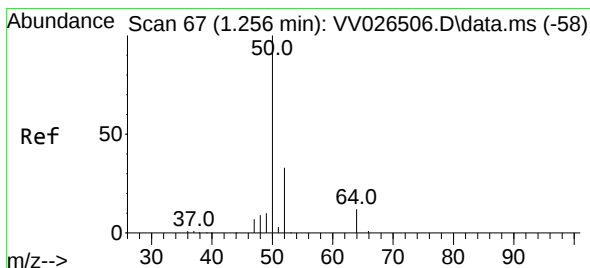
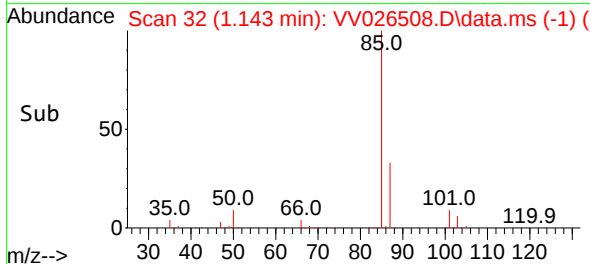
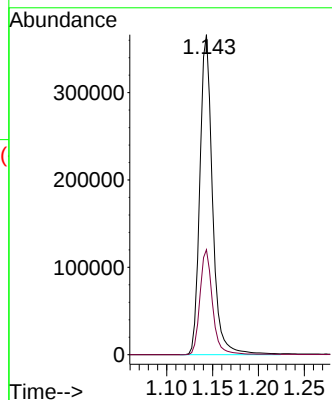
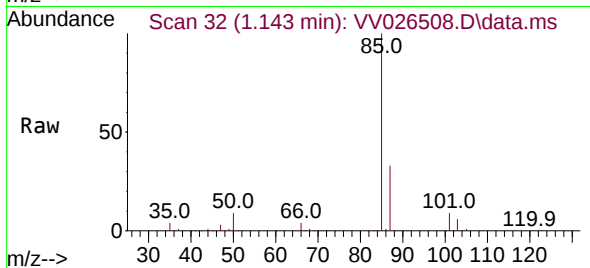
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#2
Dichlorodifluoromethane
Concen: 20.024 ug/L
RT: 1.143 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

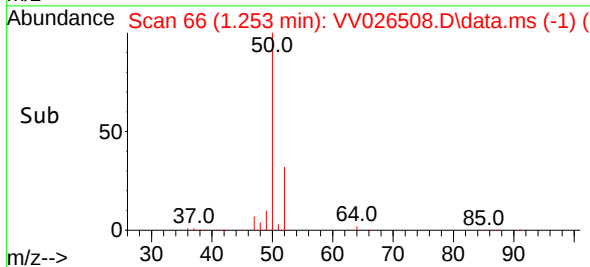
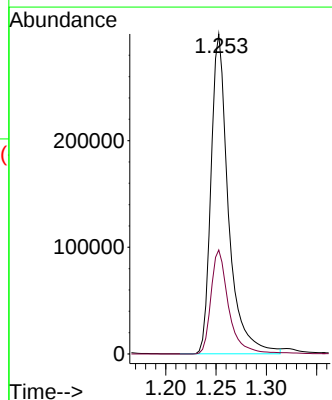
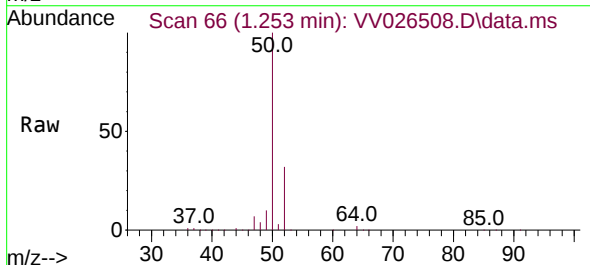
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

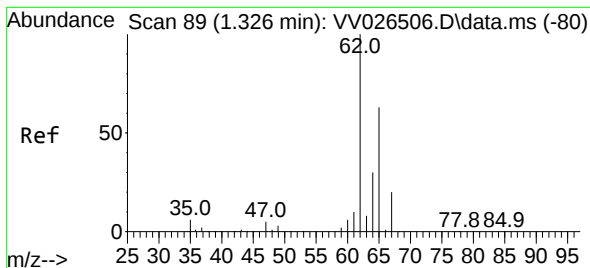
Tgt Ion: 85 Resp: 351084
Ion Ratio Lower Upper
85 100
87 32.5 25.6 38.4



#3
Chloromethane
Concen: 18.655 ug/L
RT: 1.253 min Scan# 66
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 50 Resp: 361462
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6





#5

Vinyl chloride

Concen: 20.439 ug/L

RT: 1.323 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

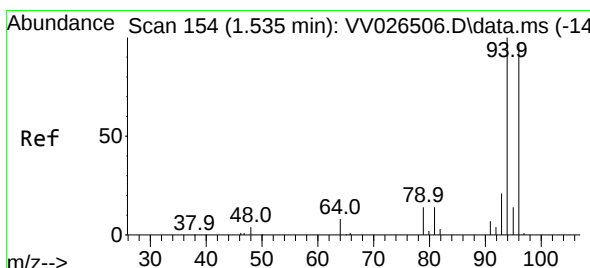
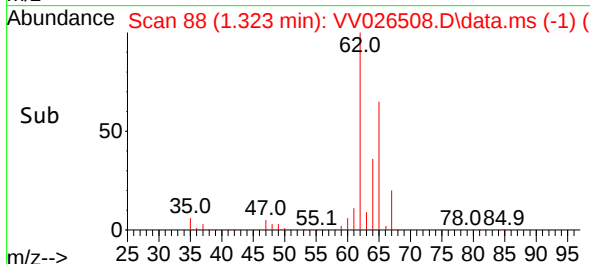
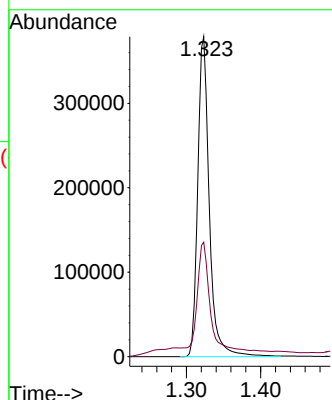
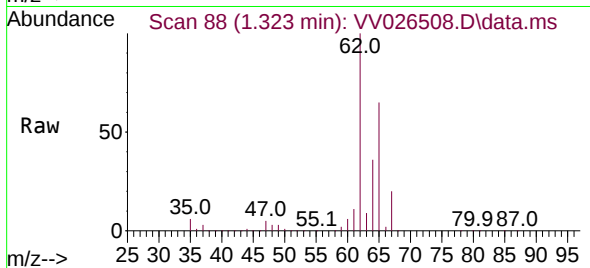
VSTD020277

Tgt Ion: 62 Resp: 412108

Ion Ratio Lower Upper

62 100

64 35.8 26.2 48.6



#6

Bromomethane

Concen: 20.464 ug/L

RT: 1.536 min Scan# 154

Delta R.T. 0.000 min

Lab File: VV026508.D

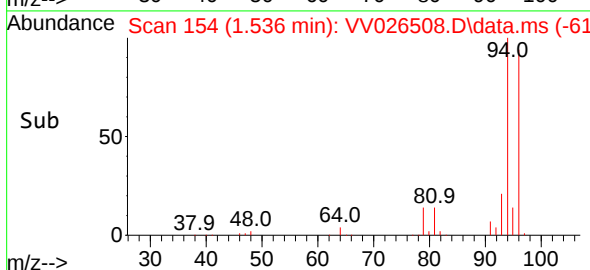
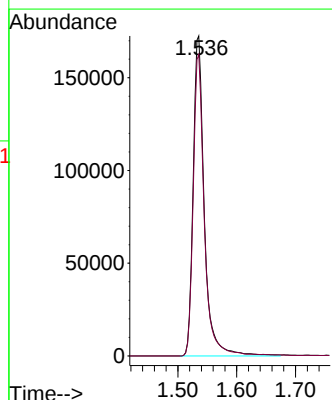
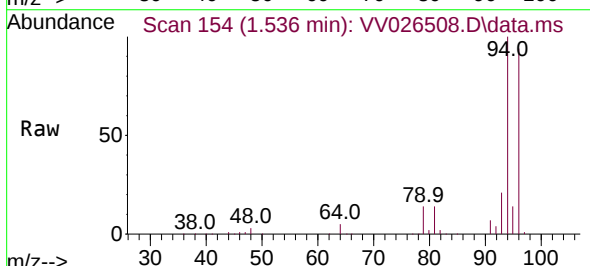
Acq: 23 Jun 2022 12:14

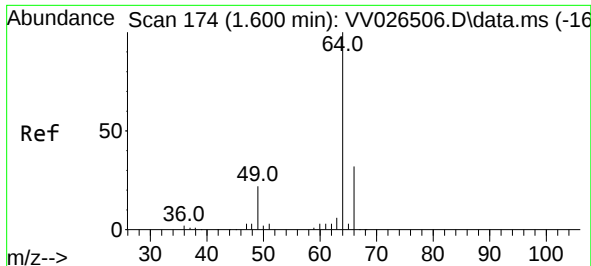
Tgt Ion: 94 Resp: 227948

Ion Ratio Lower Upper

94 100

96 94.2 68.0 126.2

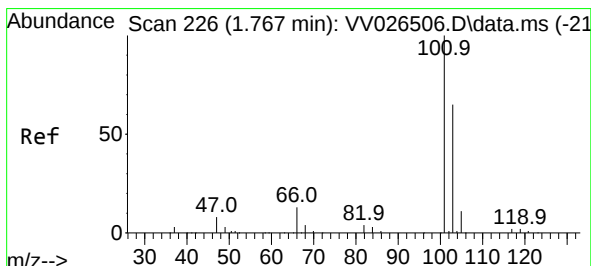
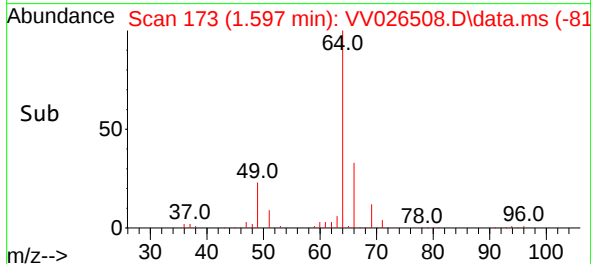
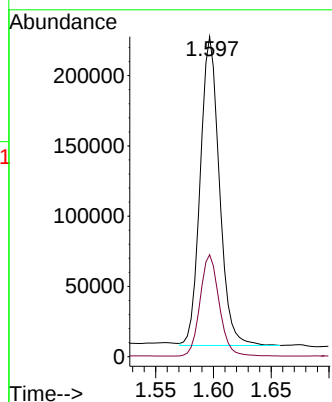
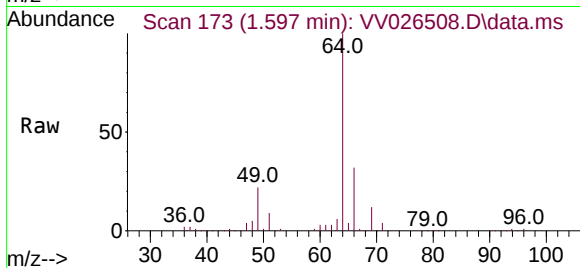




#8
Chloroethane
Concen: 19.650 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

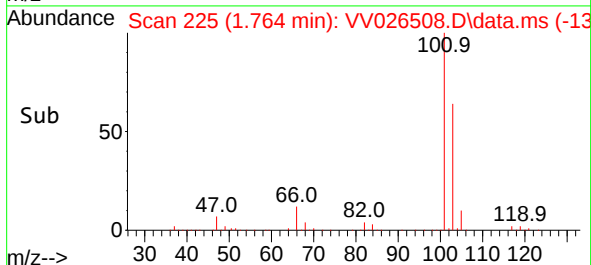
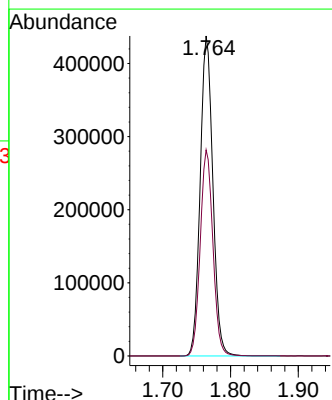
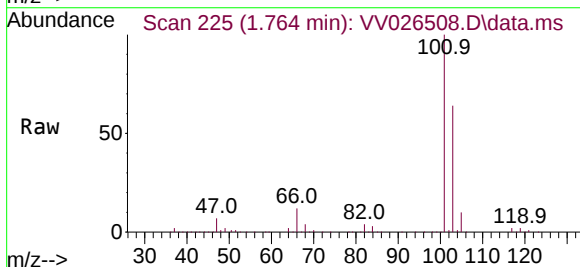
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

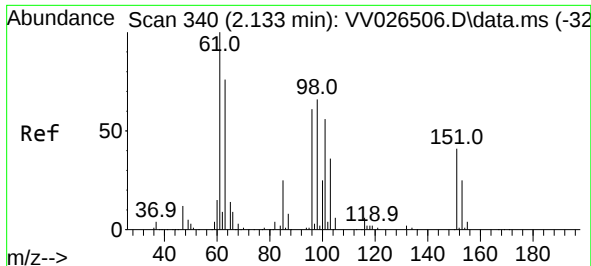
Tgt Ion: 64 Resp: 252532
Ion Ratio Lower Upper
64 100
66 31.9 20.0 37.2



#9
Trichlorofluoromethane
Concen: 20.245 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 101 Resp: 566240
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4





#10

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

Concen: 20.474 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.006 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

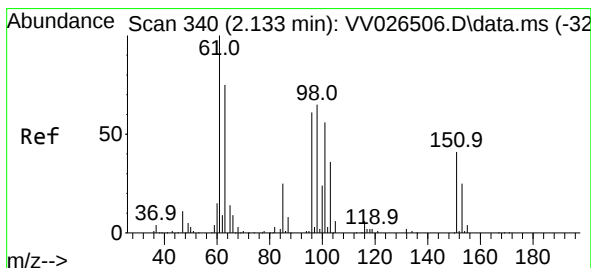
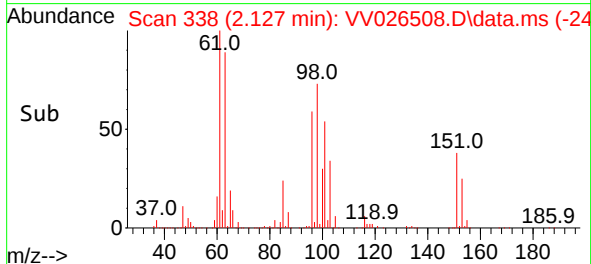
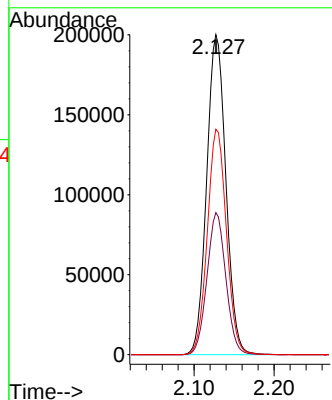
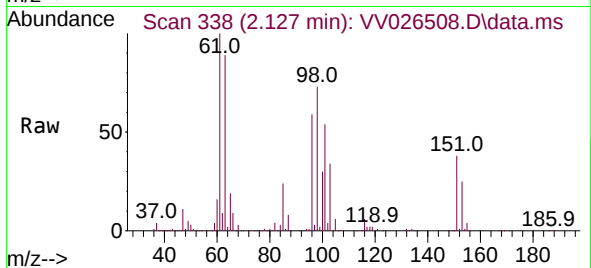
Tgt Ion:101 Resp: 334777

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.4

151 70.2 56.8 85.2



#12

1,1-Dichloroethene

Concen: 21.189 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

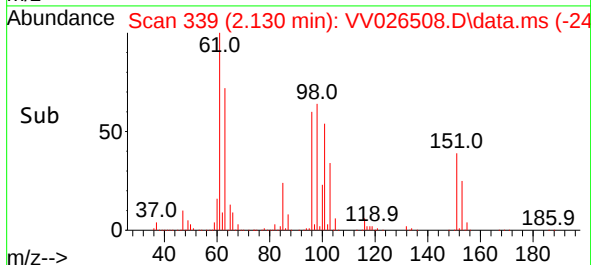
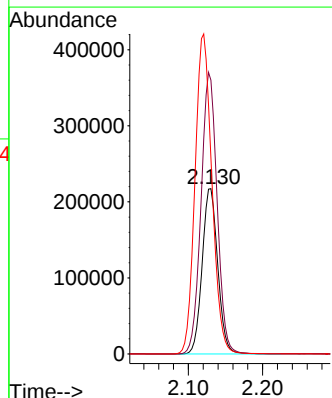
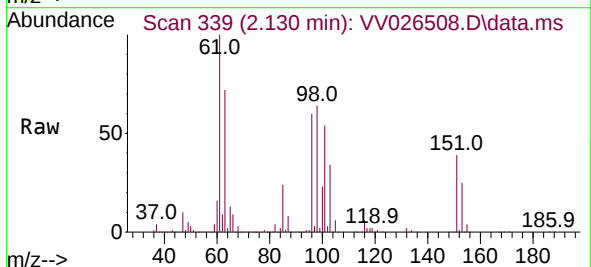
Tgt Ion: 96 Resp: 317012

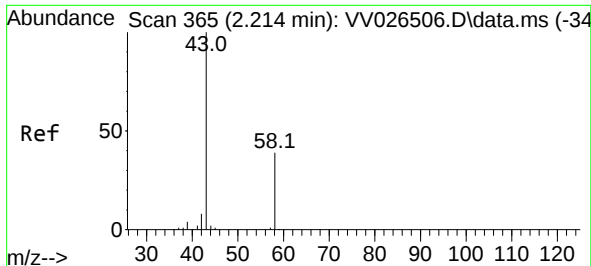
Ion Ratio Lower Upper

96 100

61 165.6 115.4 214.4

63 118.5 87.4 162.2





#13

Acetone

Concen: 198.768 ug/L

RT: 2.224 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

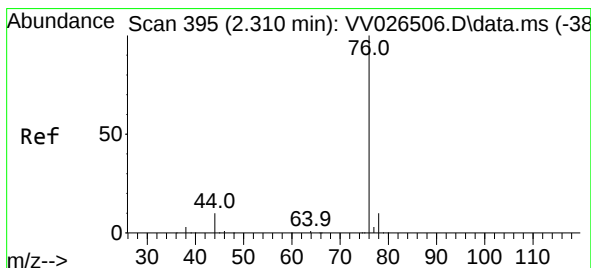
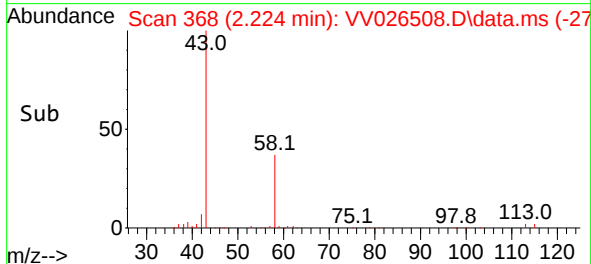
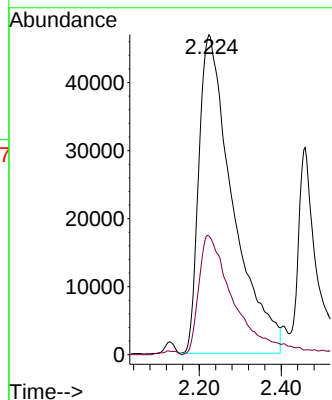
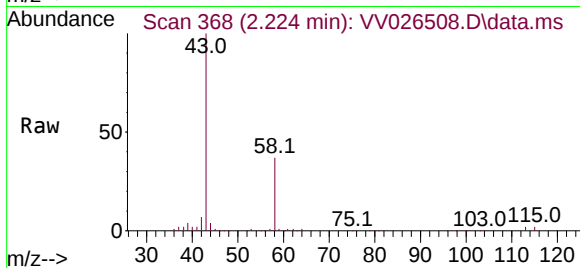
VSTD020277

Tgt Ion: 43 Resp: 267867

Ion Ratio Lower Upper

43 100

58 37.7 0.0 75.0



#14

Carbon disulfide

Concen: 23.636 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.006 min

Lab File: VV026508.D

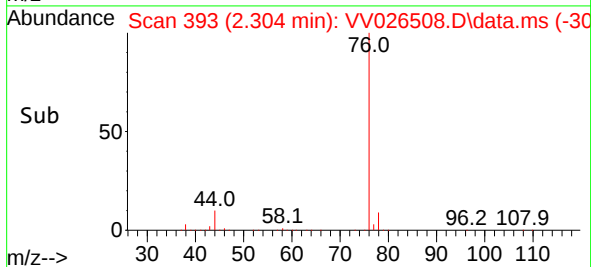
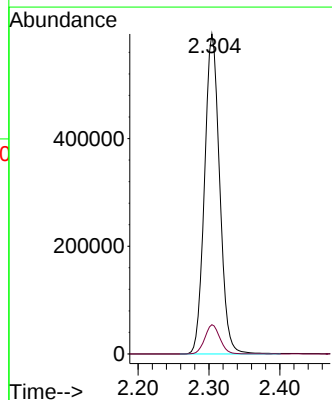
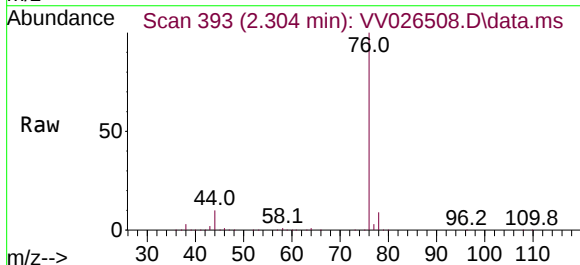
Acq: 23 Jun 2022 12:14

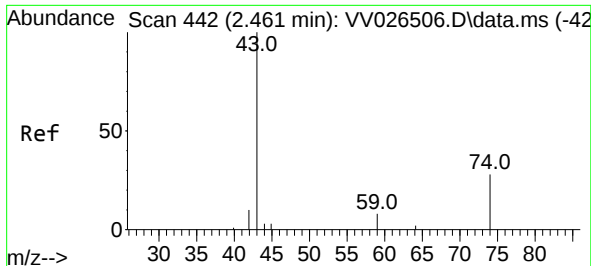
Tgt Ion: 76 Resp: 880713

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6

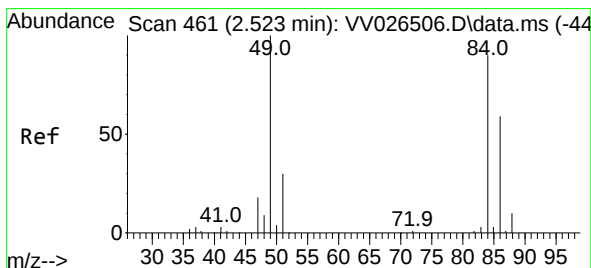
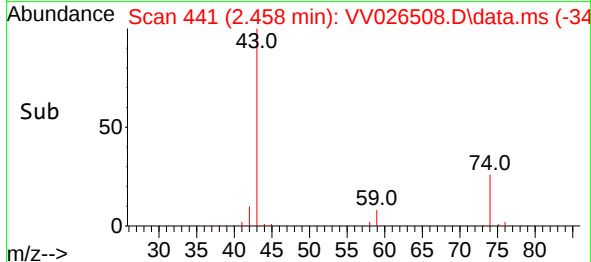
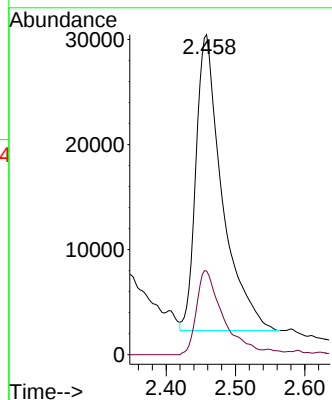
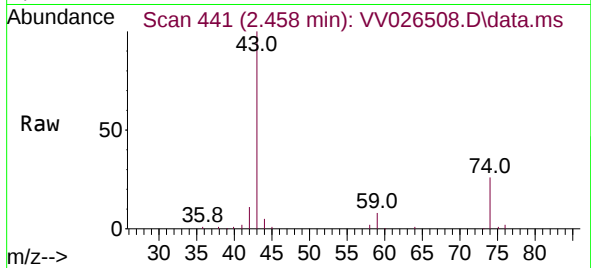




#15
Methyl Acetate
Concen: 21.345 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

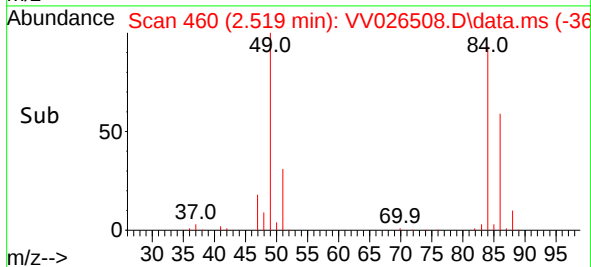
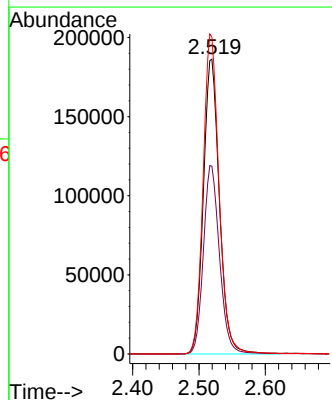
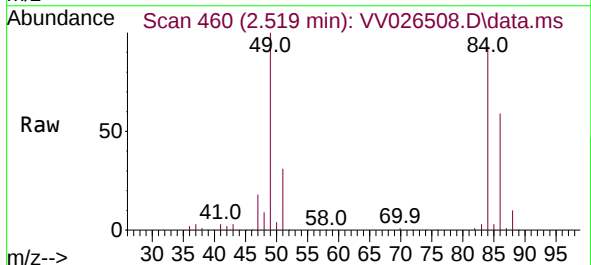
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

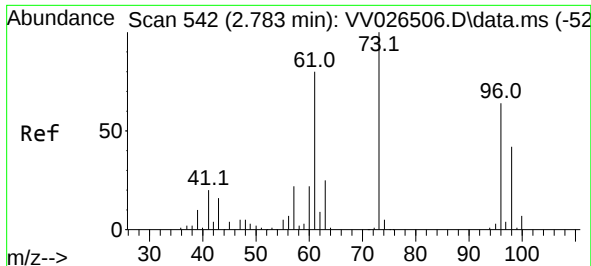
Tgt Ion: 43 Resp: 74046
Ion Ratio Lower Upper
43 100
74 28.7 22.1 33.1



#16
Methylene chloride
Concen: 16.729 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 84 Resp: 313934
Ion Ratio Lower Upper
84 100
86 63.7 46.0 85.4
49 107.5 77.7 144.3

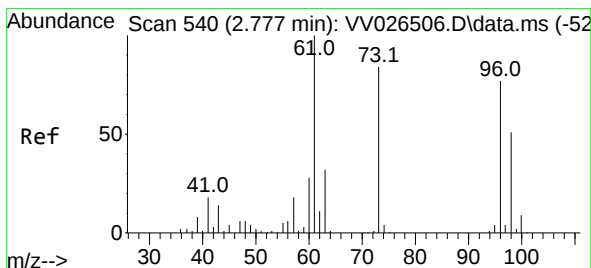
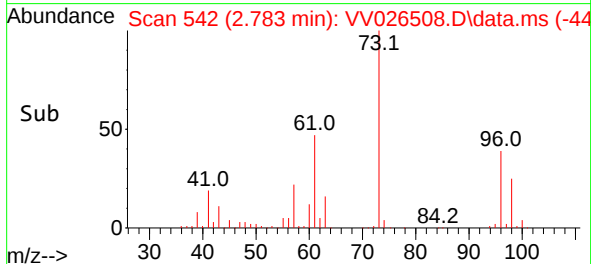
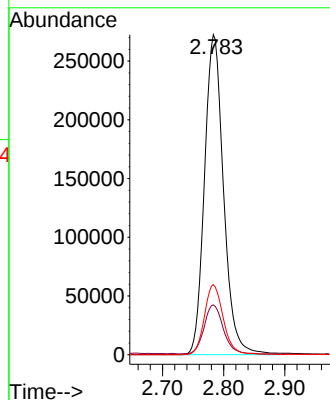
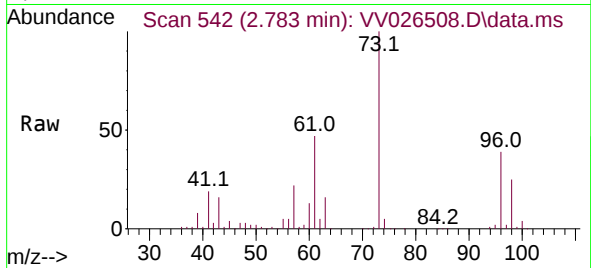




#17
Methyl tert-butyl Ether
Concen: 23.625 ug/L
RT: 2.783 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

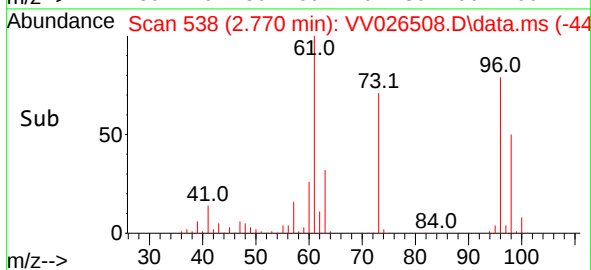
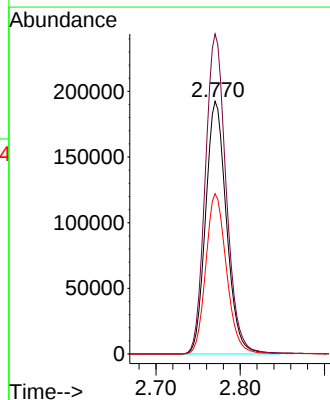
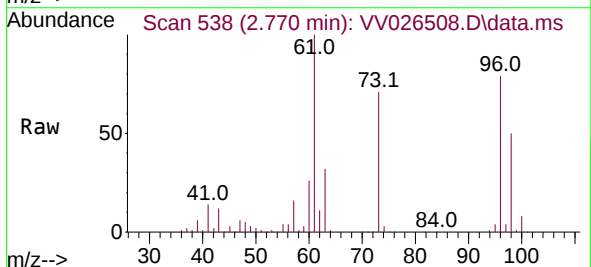
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

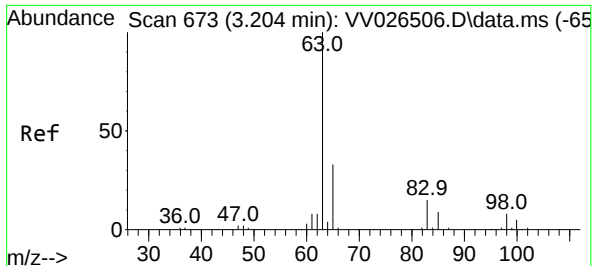
Tgt Ion: 73 Resp: 591790
Ion Ratio Lower Upper
73 100
43 15.2 13.3 19.9
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 22.625 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.006 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 96 Resp: 331144
Ion Ratio Lower Upper
96 100
61 126.7 90.4 167.8
98 63.4 45.6 84.8





#19

1,1-Dichloroethane

Concen: 20.951 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

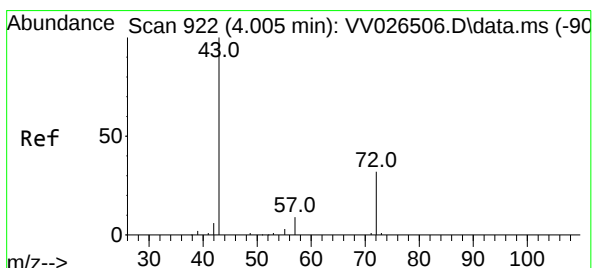
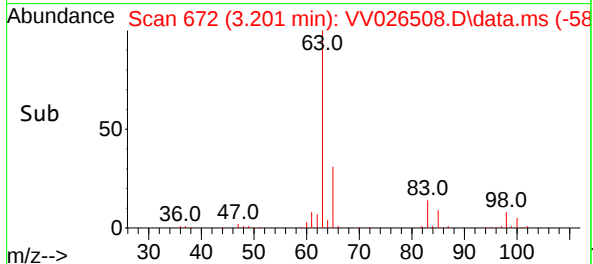
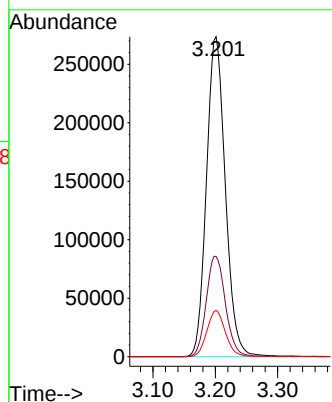
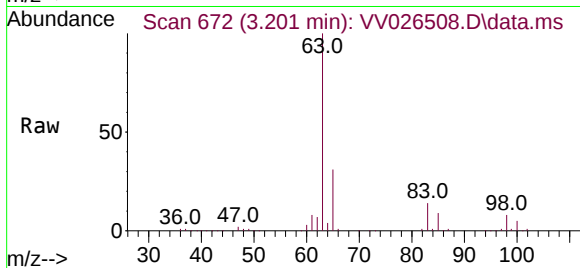
Tgt Ion: 63 Resp: 575714

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.6

83 14.4 10.2 19.0



#21

2-Butanone

Concen: 244.263 ug/L

RT: 4.002 min Scan# 921

Delta R.T. -0.003 min

Lab File: VV026508.D

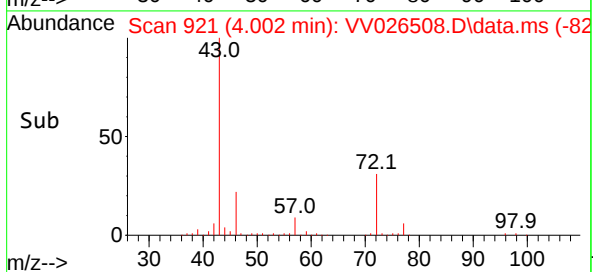
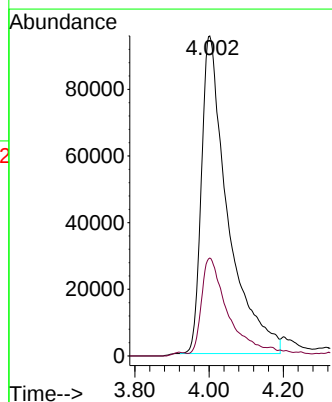
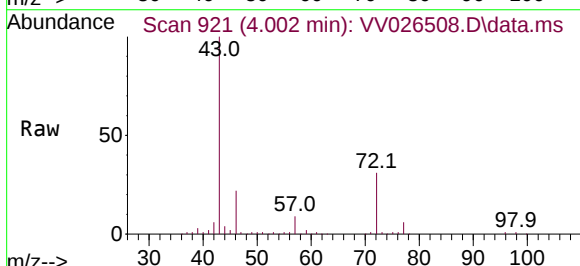
Acq: 23 Jun 2022 12:14

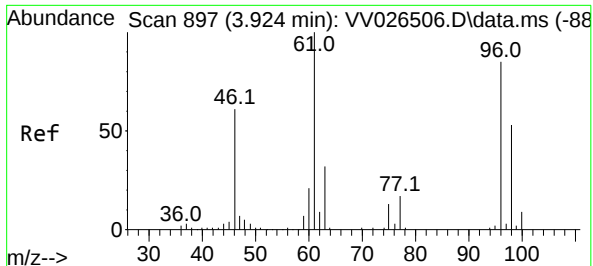
Tgt Ion: 43 Resp: 470459

Ion Ratio Lower Upper

43 100

72 29.0 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 23.815 ug/L

RT: 3.921 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

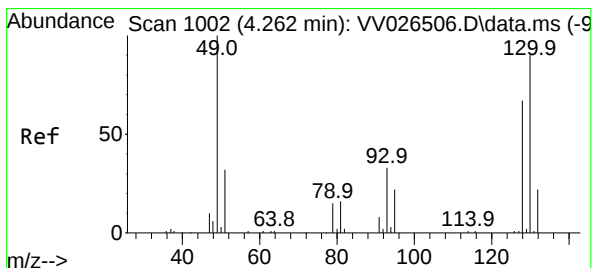
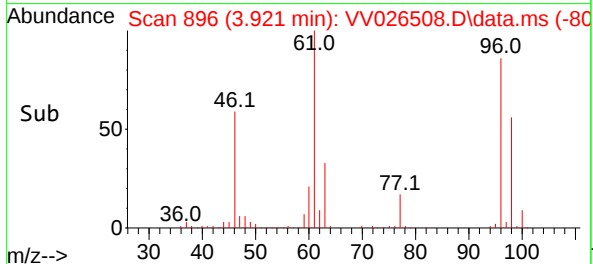
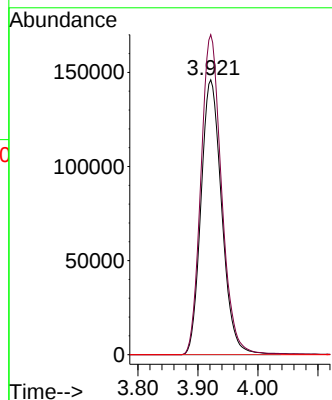
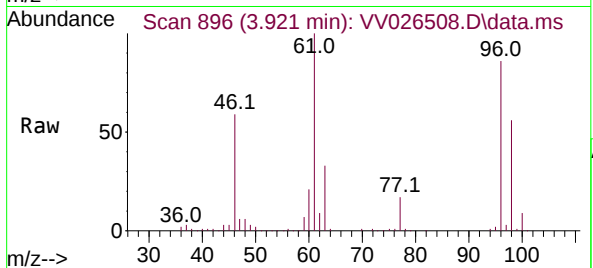
Tgt Ion: 96 Resp: 351626

Ion Ratio Lower Upper

96 100

61 116.4 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 22.919 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Tgt Ion:128 Resp: 141205

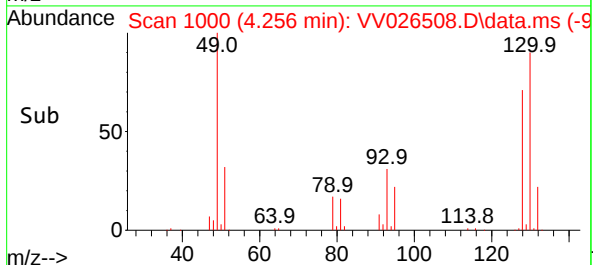
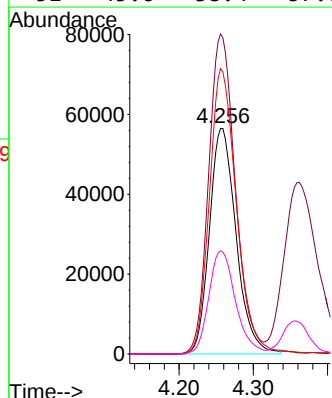
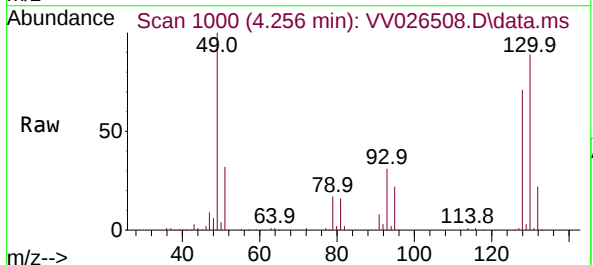
Ion Ratio Lower Upper

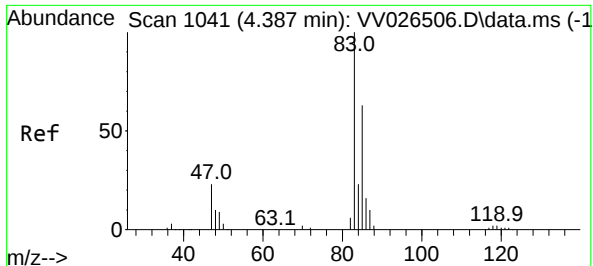
128 100

49 141.8 104.0 193.1

130 126.4 93.4 173.6

51 45.6 38.4 57.6





#25

Chloroform

Concen: 20.355 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

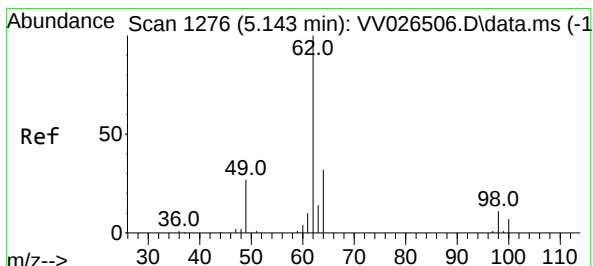
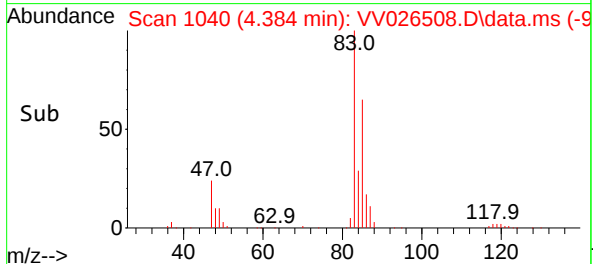
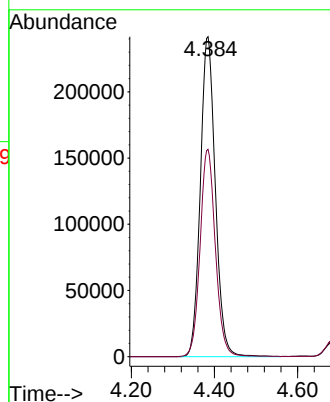
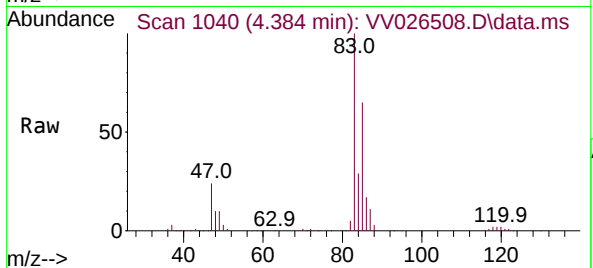
VSTD020277

Tgt Ion: 83 Resp: 605856

Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8



#27

1,2-Dichloroethane

Concen: 21.612 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VV026508.D

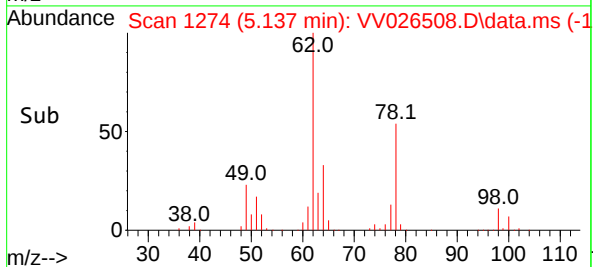
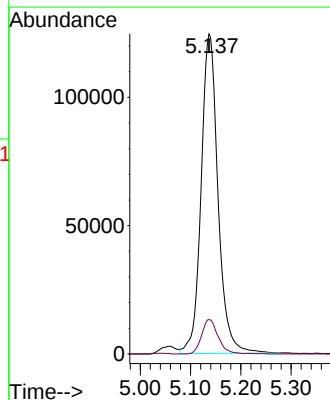
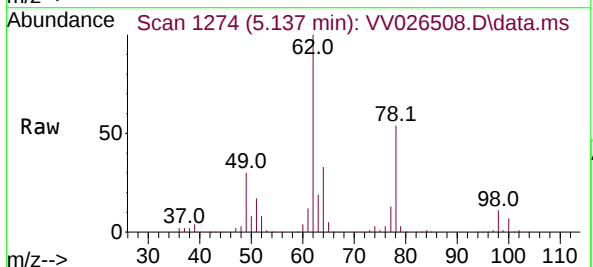
Acq: 23 Jun 2022 12:14

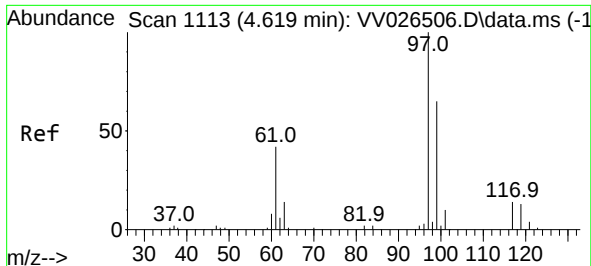
Tgt Ion: 62 Resp: 290638

Ion Ratio Lower Upper

62 100

98 10.8 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 21.872 ug/L

RT: 4.616 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

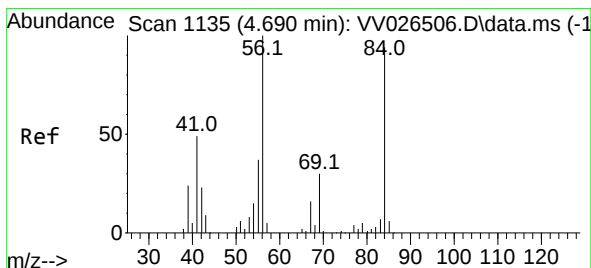
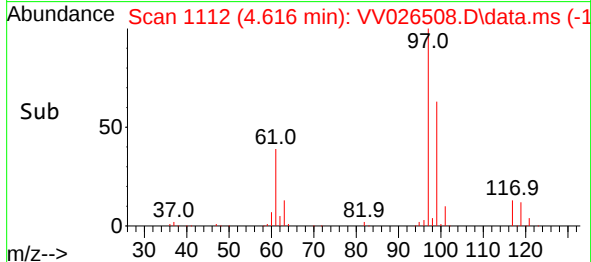
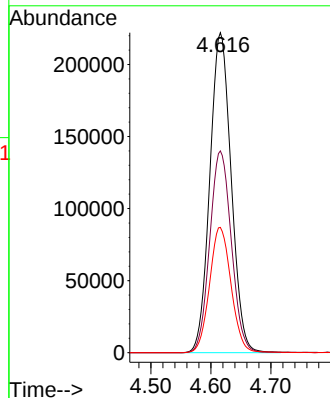
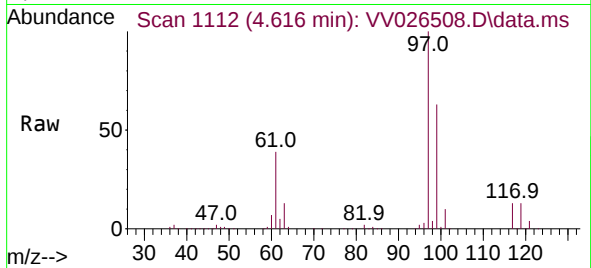
Tgt Ion: 97 Resp: 548891

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 39.5 33.0 49.4



#30

Cyclohexane

Concen: 25.841 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

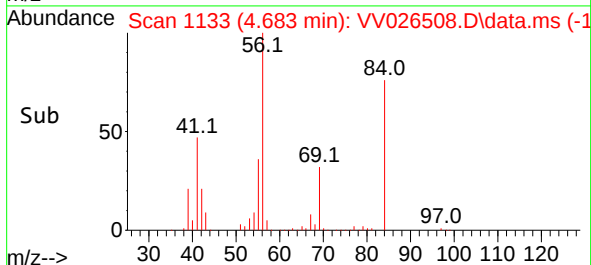
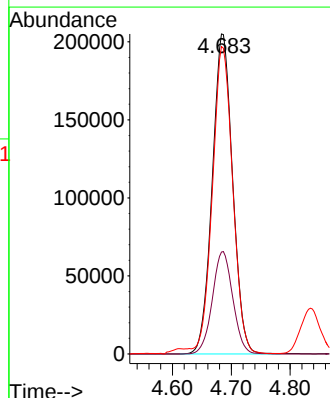
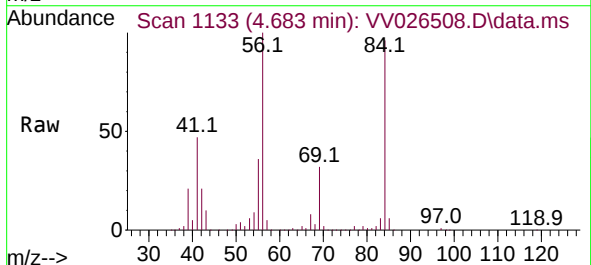
Tgt Ion: 56 Resp: 492911

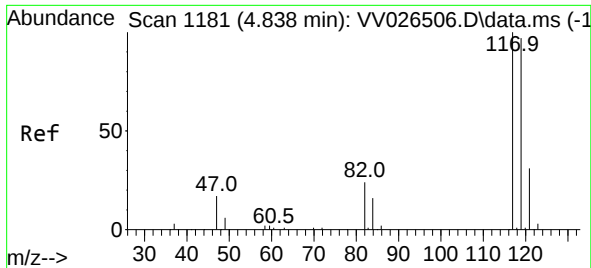
Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 95.4 77.8 116.6

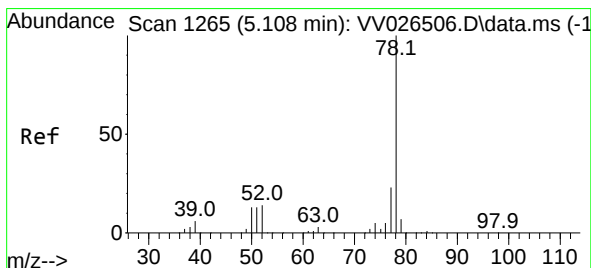
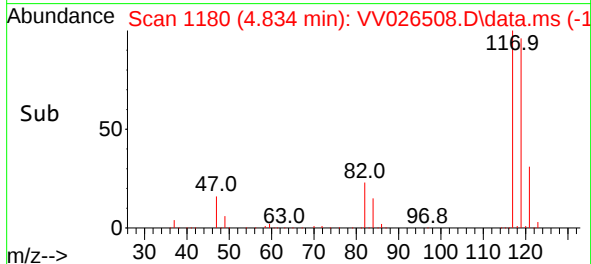
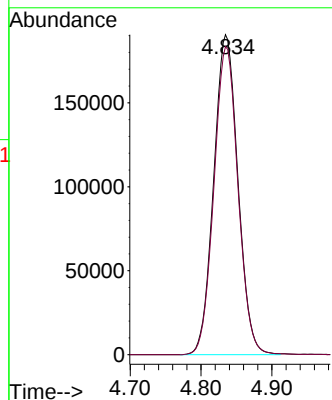
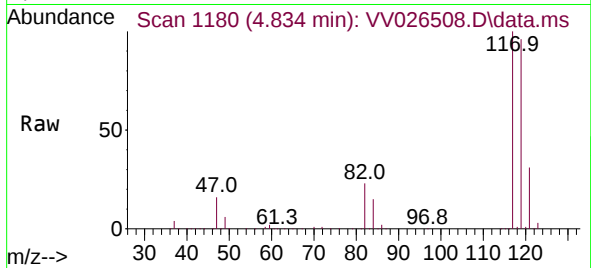




#31
Carbon tetrachloride
Concen: 21.258 ug/L
RT: 4.834 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

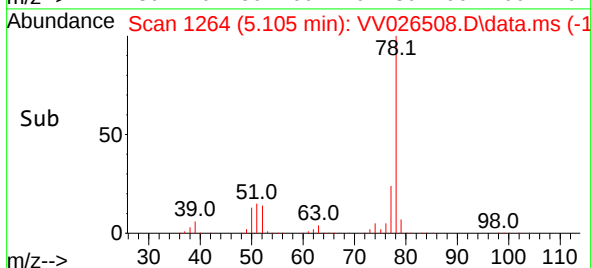
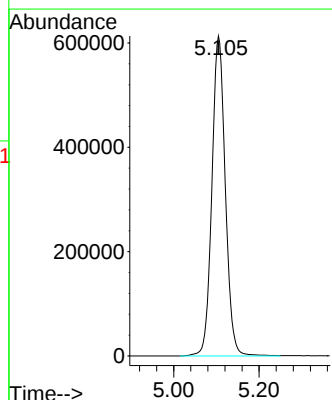
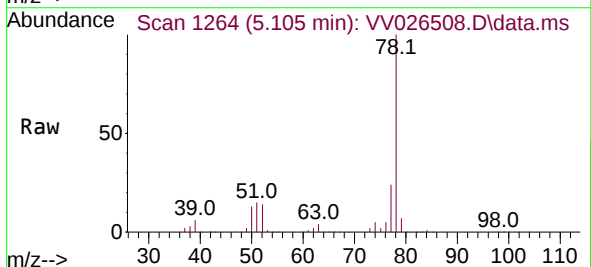
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

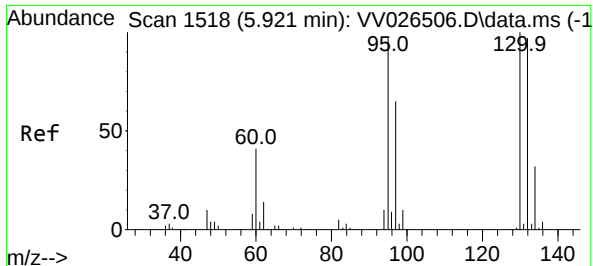
Tgt Ion:117 Resp: 452688
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 22.863 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 78 Resp: 1338566

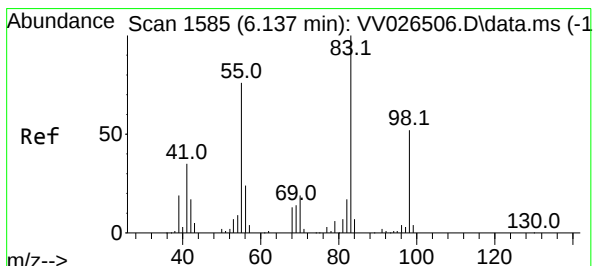
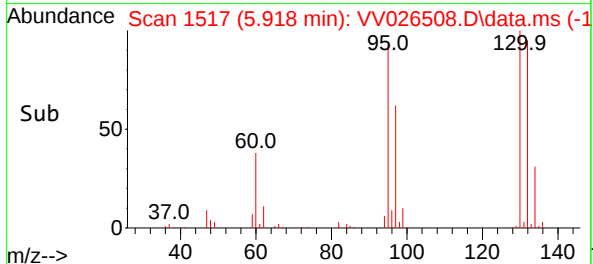
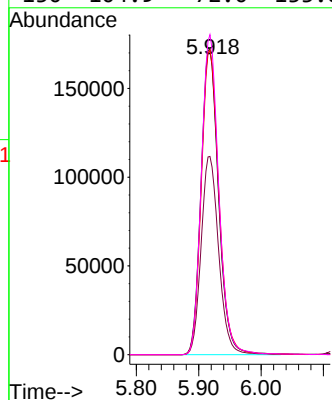
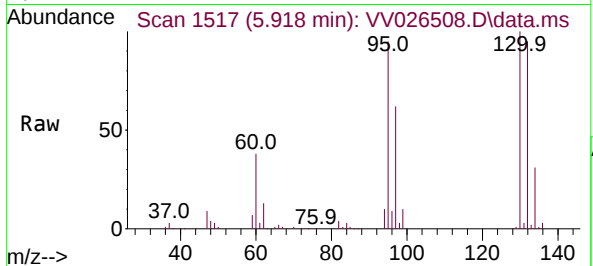




#34
Trichloroethene
Concen: 21.242 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

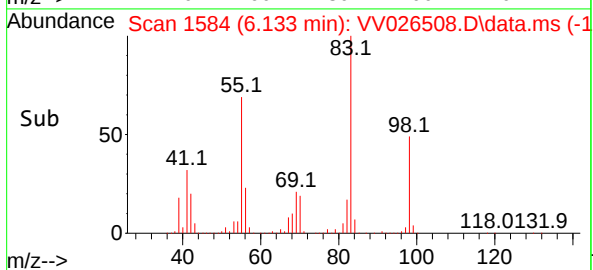
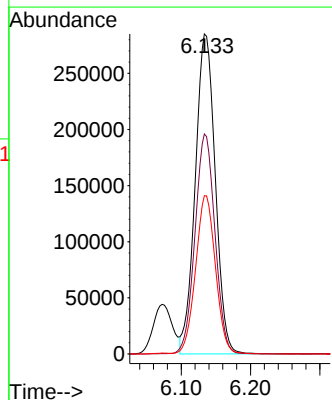
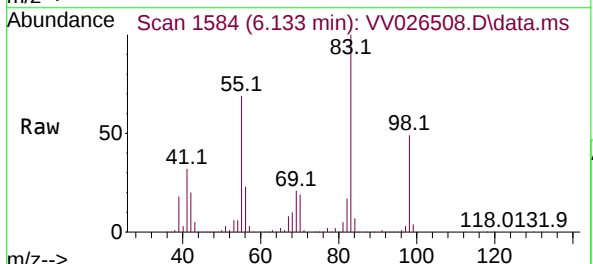
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

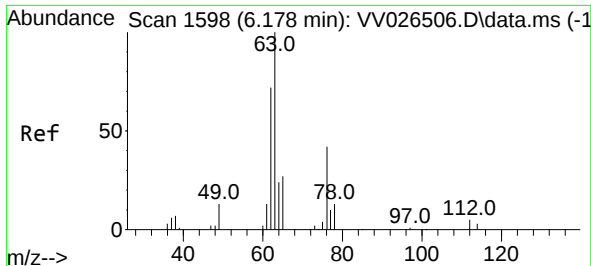
Tgt Ion: 95 Resp: 337281
Ion Ratio Lower Upper
95 100
97 65.0 46.8 87.0
132 99.9 69.9 129.7
130 104.9 72.0 133.8



#35
Methylcyclohexane
Concen: 25.407 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 83 Resp: 572332
Ion Ratio Lower Upper
83 100
55 68.8 57.0 85.4
98 49.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 21.343 ug/L

RT: 6.175 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

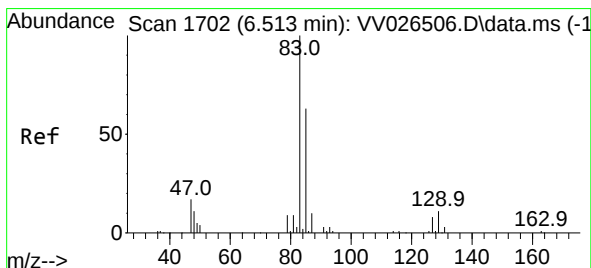
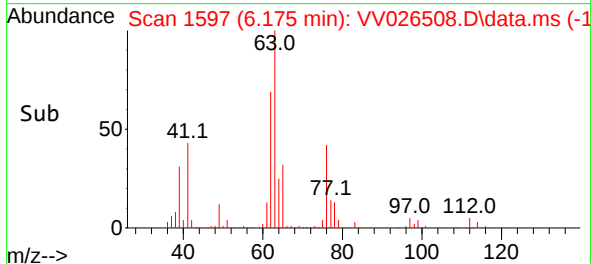
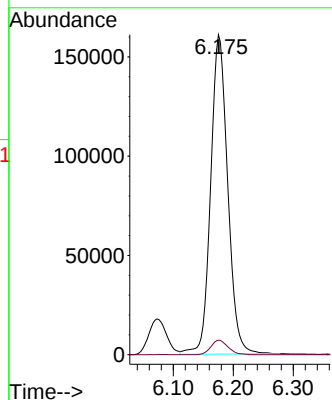
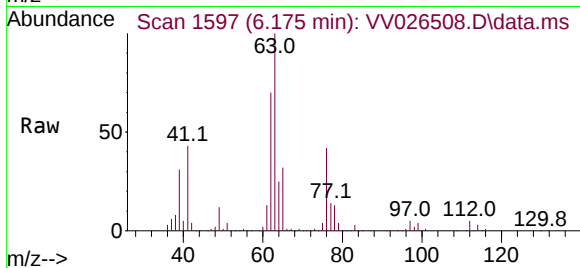
VSTD020277

Tgt Ion: 63 Resp: 318274

Ion Ratio Lower Upper

63 100

112 4.5 4.2 6.4



#38

Bromodichloromethane

Concen: 21.105 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

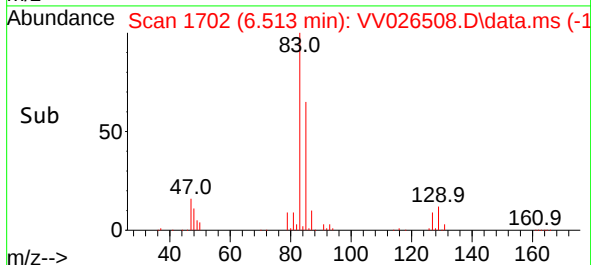
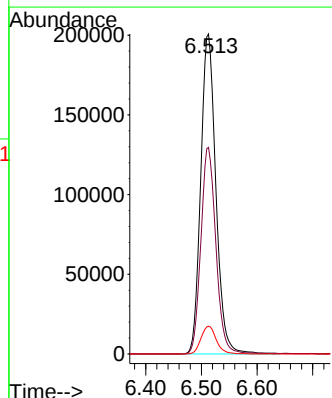
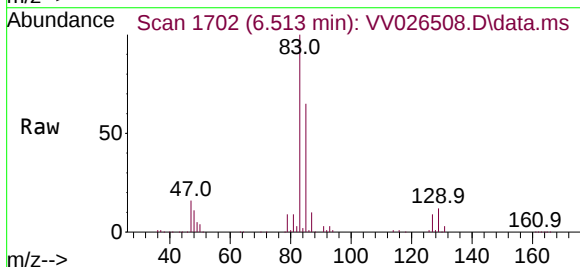
Tgt Ion: 83 Resp: 380035

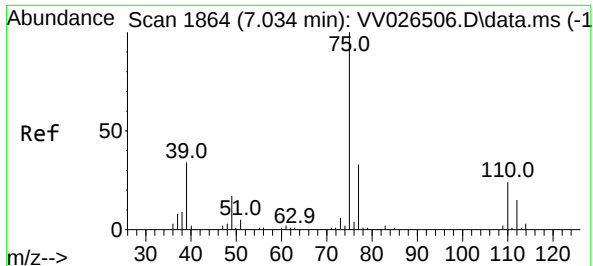
Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.072 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.006 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

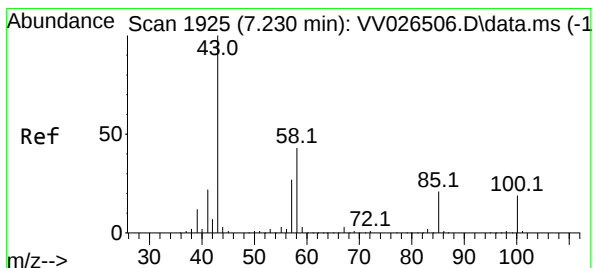
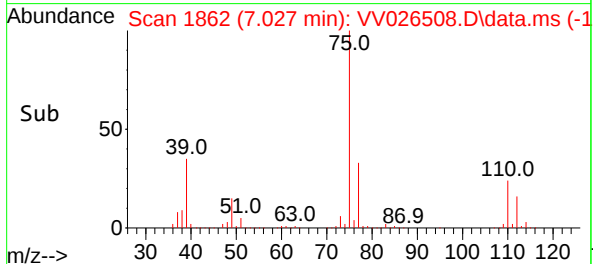
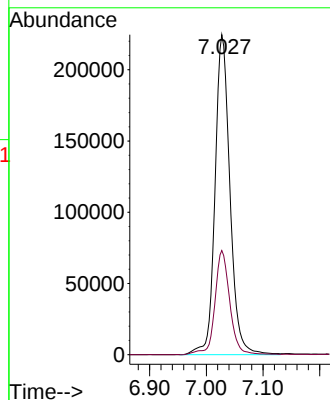
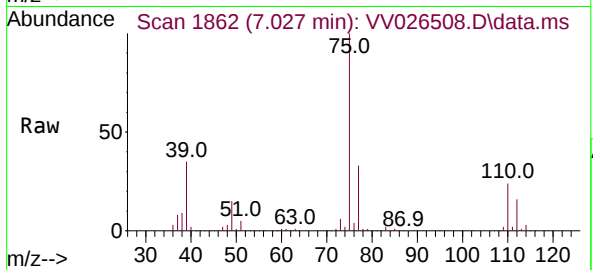
VSTD020277

Tgt Ion: 75 Resp: 412276

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 242.320 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

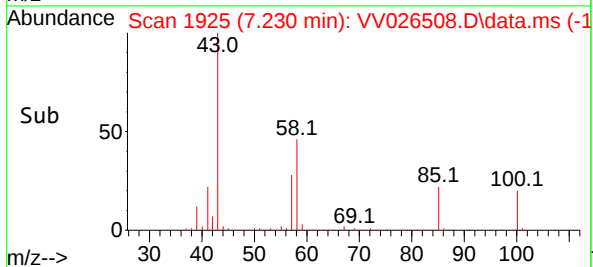
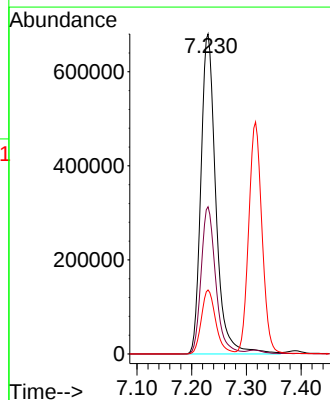
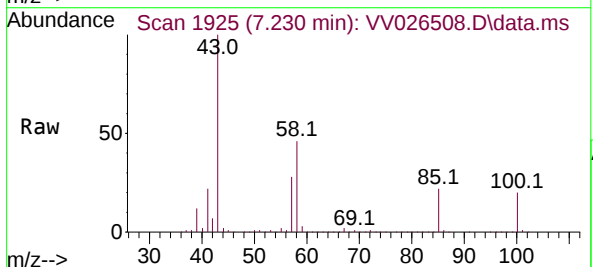
Tgt Ion: 43 Resp: 1290841

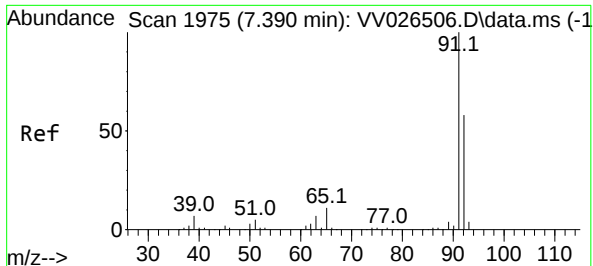
Ion Ratio Lower Upper

43 100

58 45.0 33.3 49.9

100 19.3 14.3 21.5

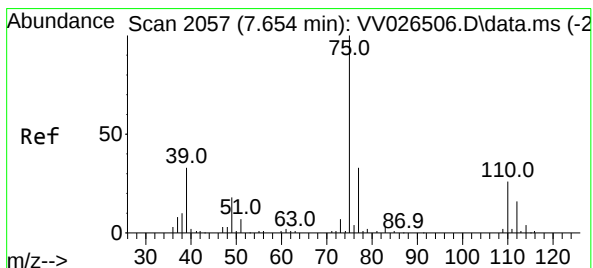
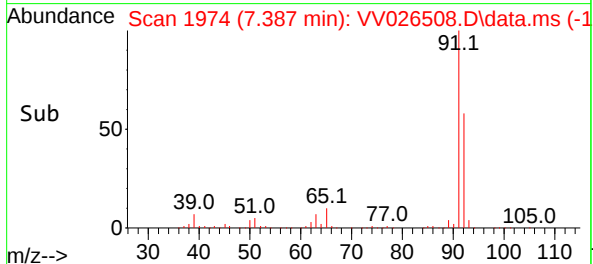
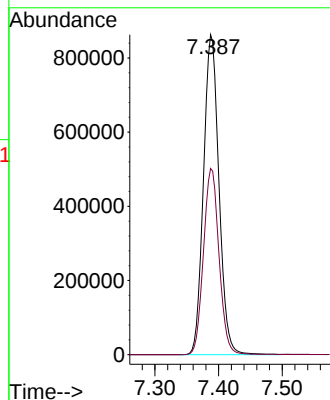
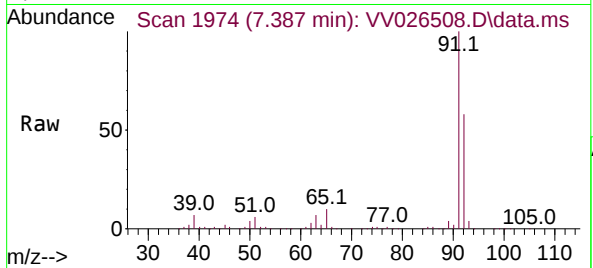




#42
Toluene
Concen: 23.748 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

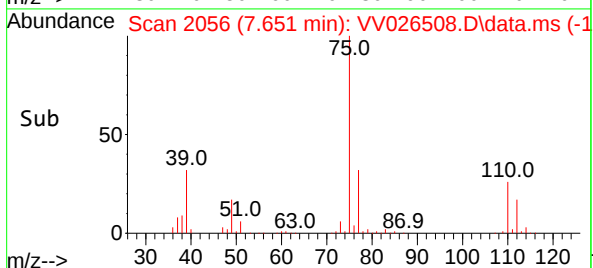
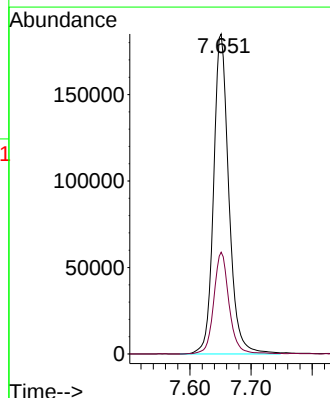
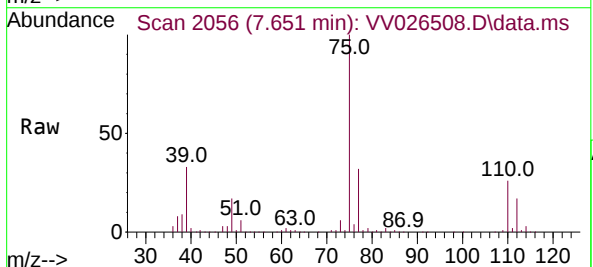
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

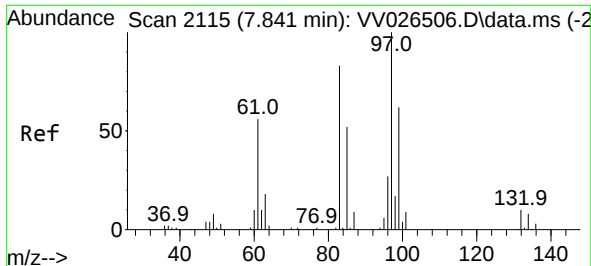
Tgt Ion: 91 Resp: 1456189
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 24.636 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 75 Resp: 321046
Ion Ratio Lower Upper
75 100
77 31.8 23.1 42.9



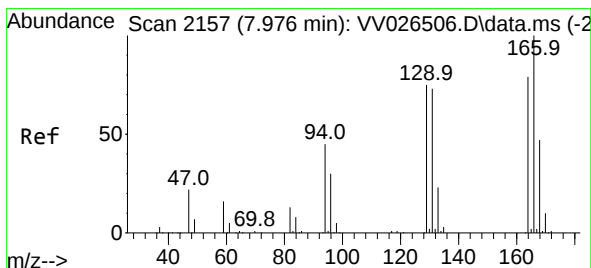
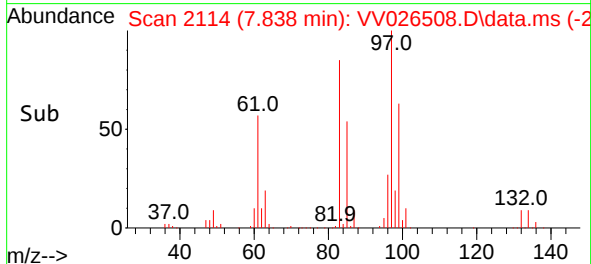
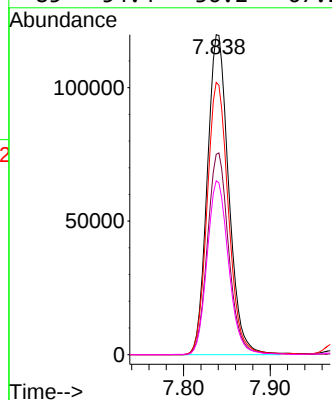
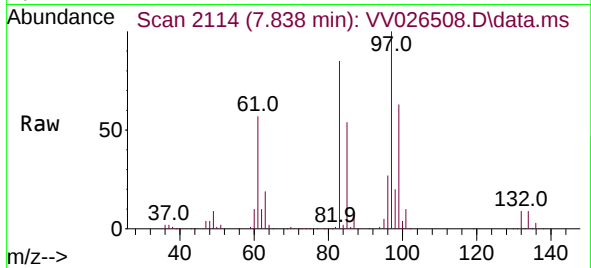


#45
1,1,2-Trichloroethane
Concen: 21.120 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

Tgt Ion: 97 Resp: 206227

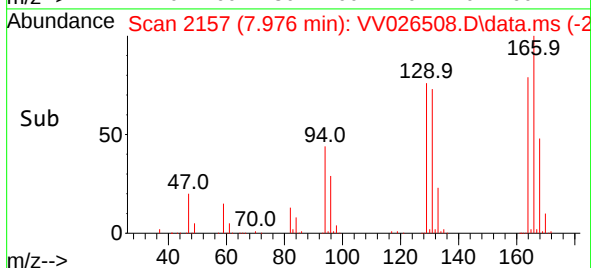
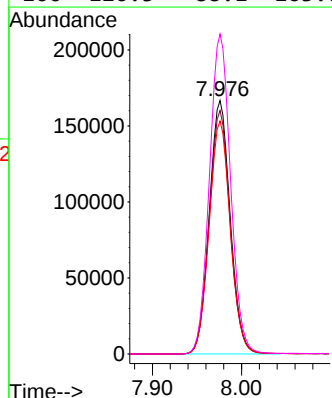
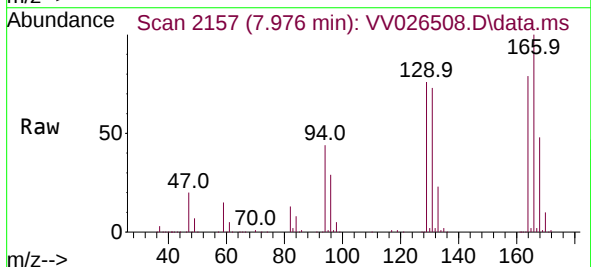
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.4	80.6
83	85.1	58.0	107.8
85	54.4	36.2	67.2

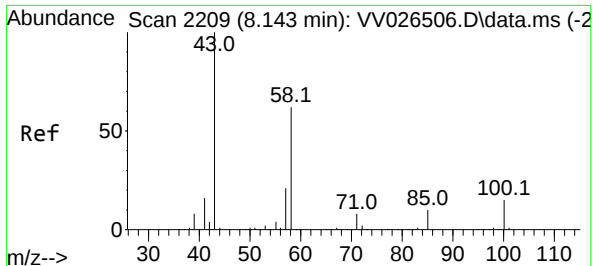


#47
Tetrachloroethene
Concen: 22.857 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 164 Resp: 272650

Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.4	123.2
131	92.0	64.4	119.6
166	126.3	88.1	163.7



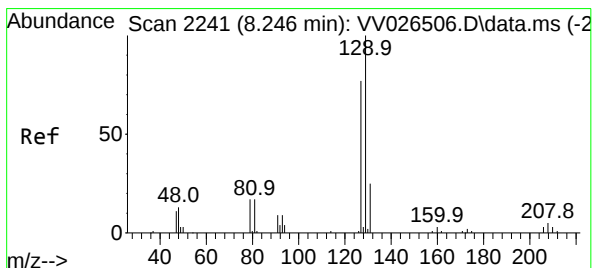
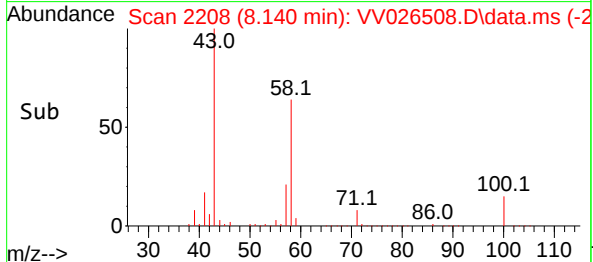
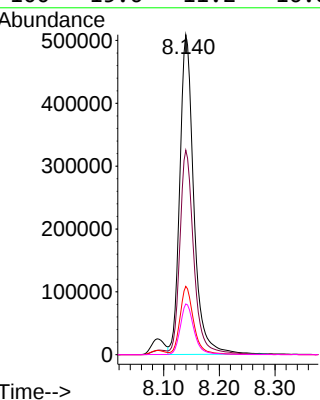
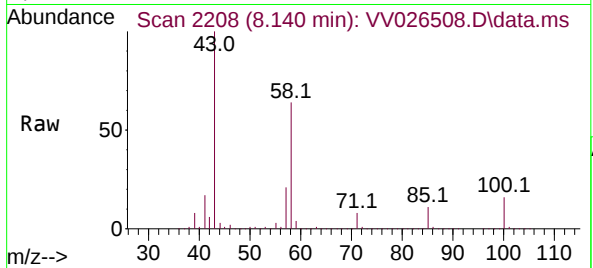


#48
2-Hexanone
Concen: 236.938 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

Tgt Ion: 43 Resp: 890529

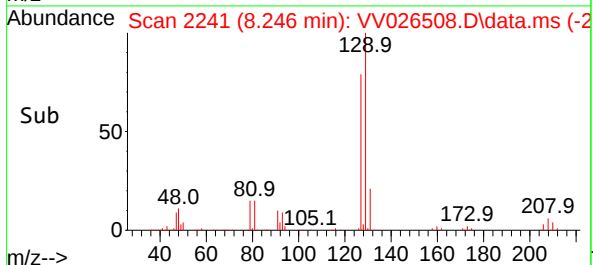
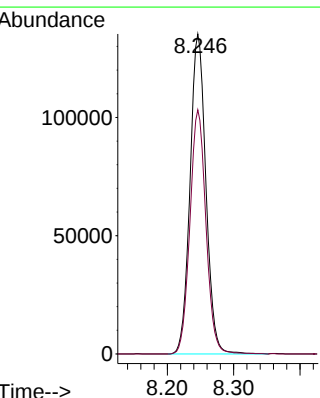
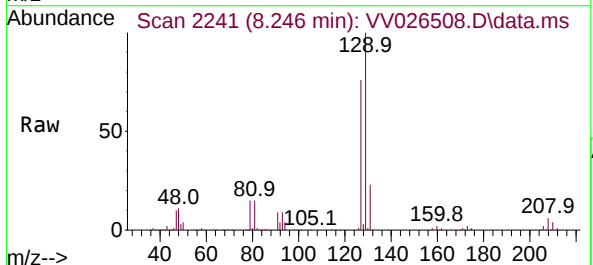
Ion	Ratio	Lower	Upper
43	100		
58	63.4	47.8	71.6
57	20.8	15.0	22.6
100	15.6	11.2	16.8

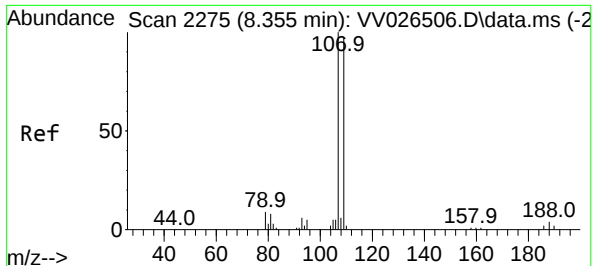


#49
Dibromochloromethane
Concen: 21.317 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 129 Resp: 224942

Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.2	100.6





#50

1,2-Dibromoethane

Concen: 22.506 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

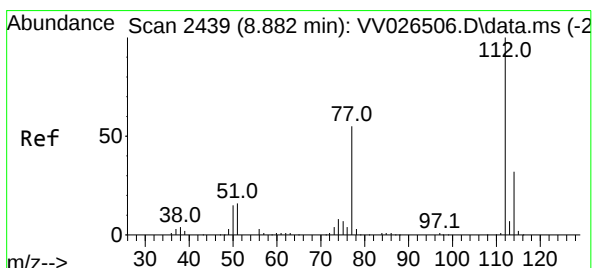
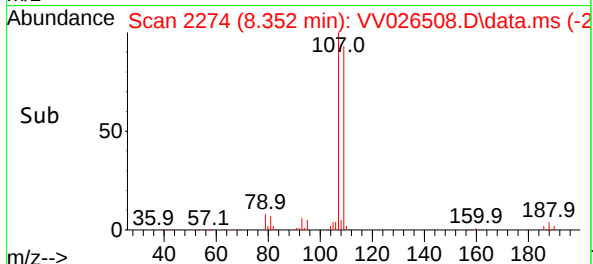
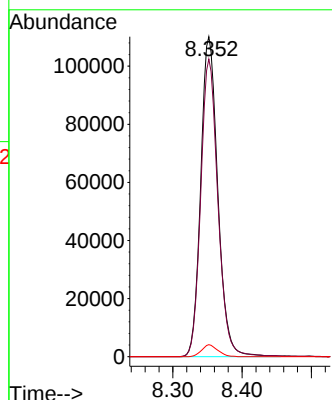
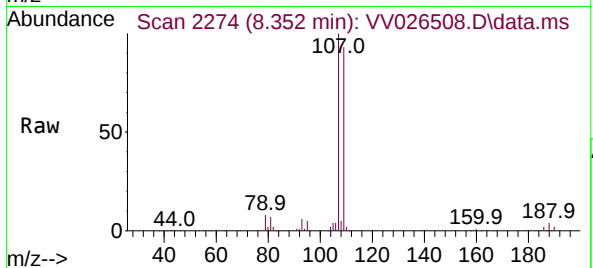
Tgt Ion:107 Resp: 188475

Ion Ratio Lower Upper

107 100

109 93.0 67.8 125.8

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 22.881 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

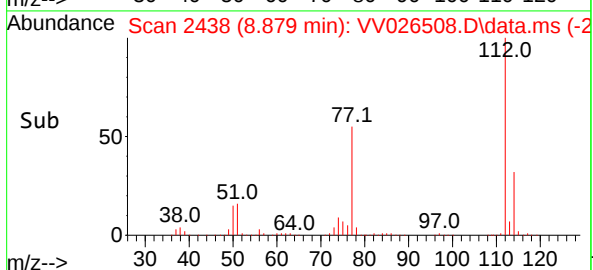
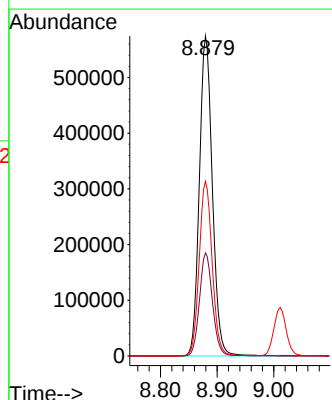
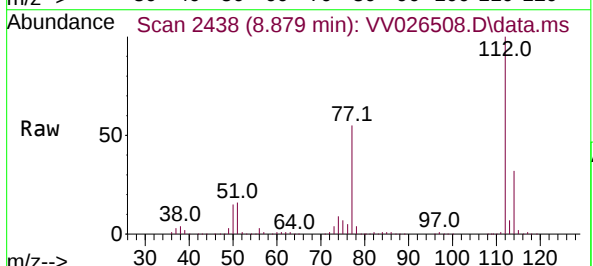
Tgt Ion:112 Resp: 913947

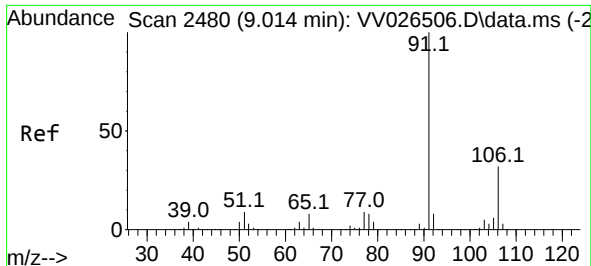
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 54.5 44.4 66.6

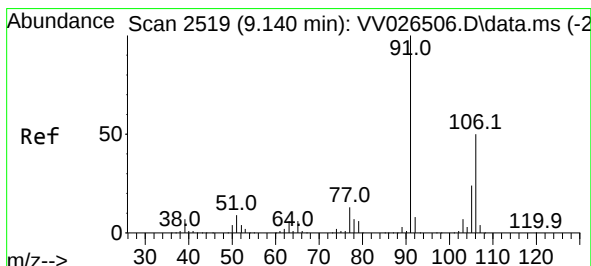
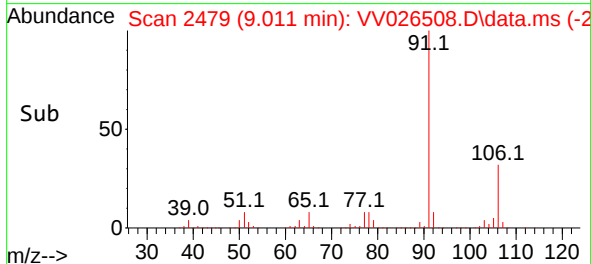
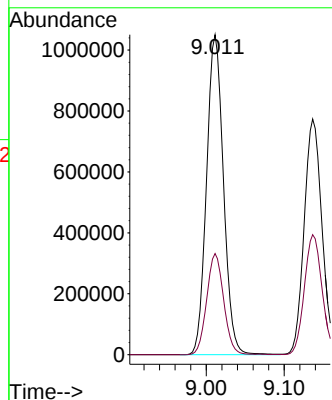
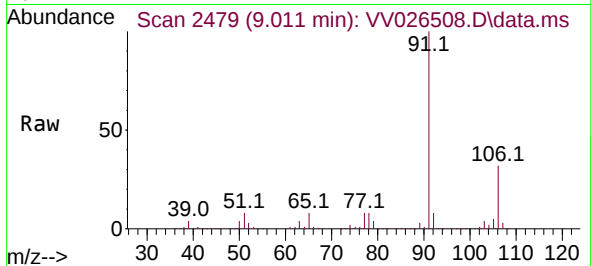




#52
Ethylbenzene
Concen: 25.576 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

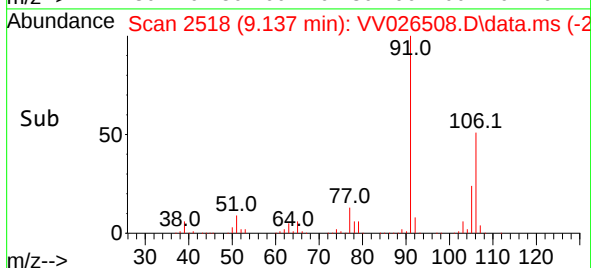
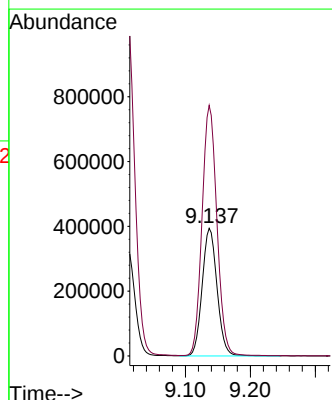
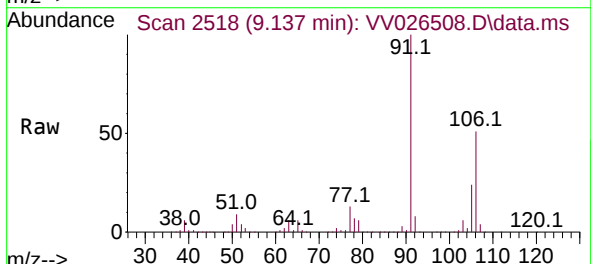
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

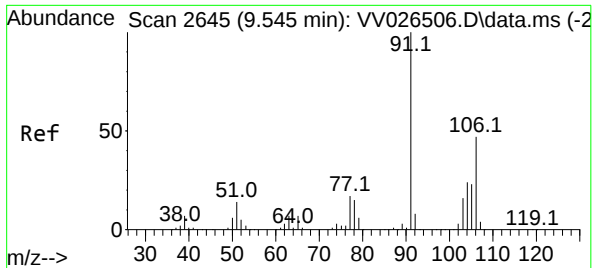
Tgt Ion: 91 Resp: 1583641
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 25.799 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 106 Resp: 626656
Ion Ratio Lower Upper
106 100
91 196.3 139.9 259.9

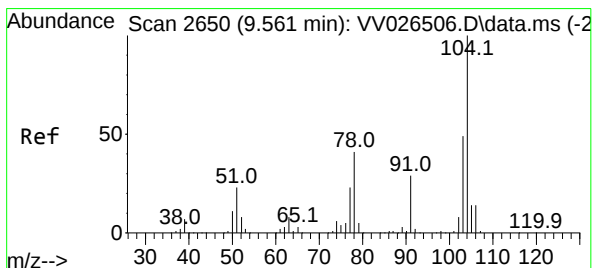
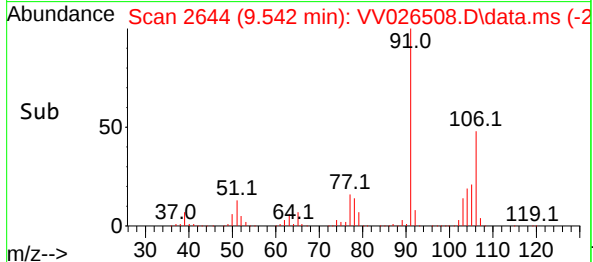
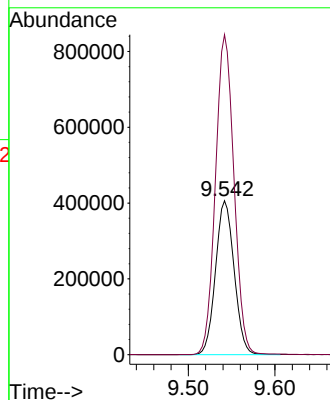
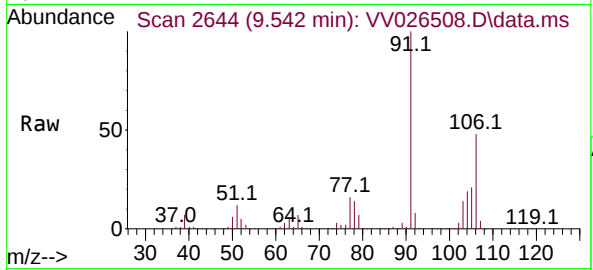




#54
o-Xylene
Concen: 26.060 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

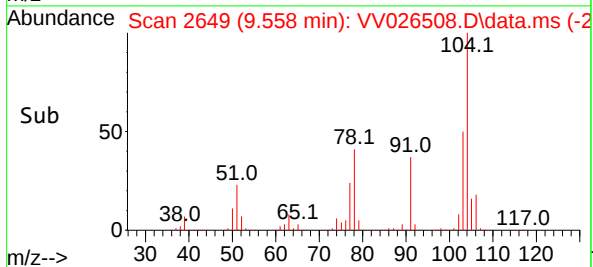
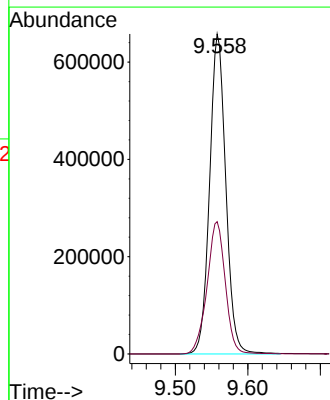
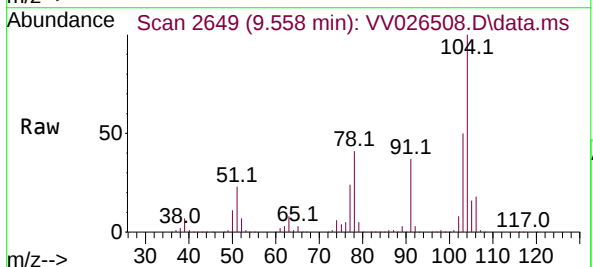
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

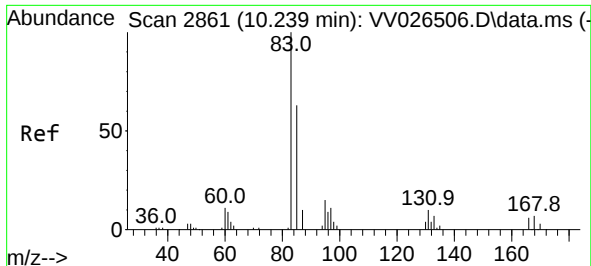
Tgt Ion:106 Resp: 604980
Ion Ratio Lower Upper
106 100
91 207.9 147.5 273.9



#55
Styrene
Concen: 26.203 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion:104 Resp: 1021892
Ion Ratio Lower Upper
104 100
78 41.4 28.4 52.8

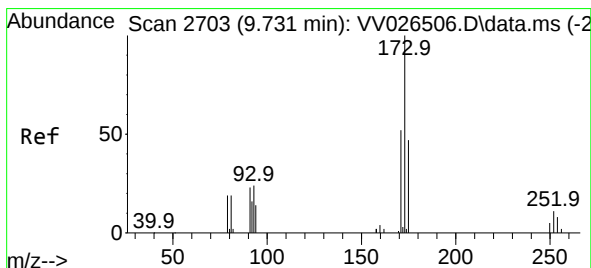
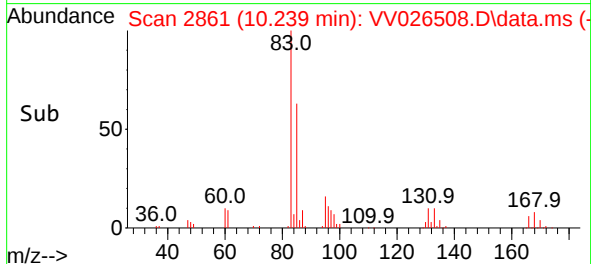
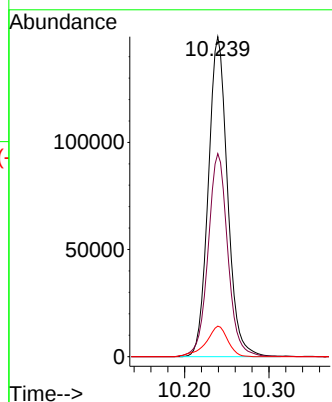
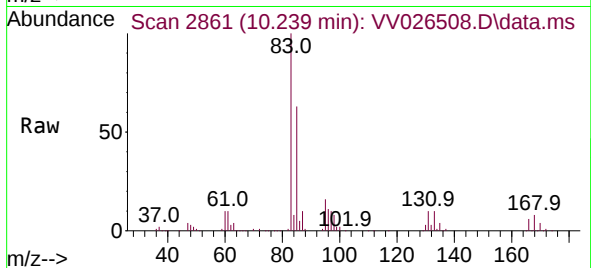




#57
1,1,2,2-Tetrachloroethane
Concen: 23.382 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

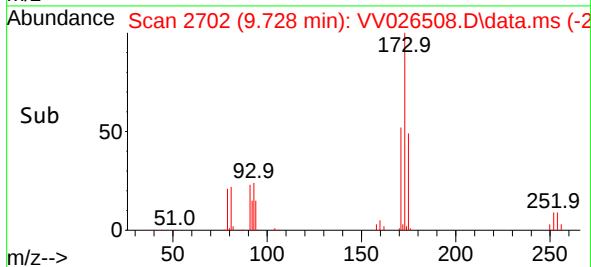
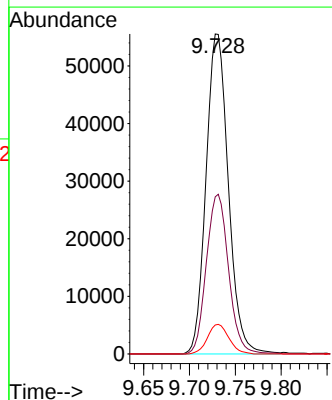
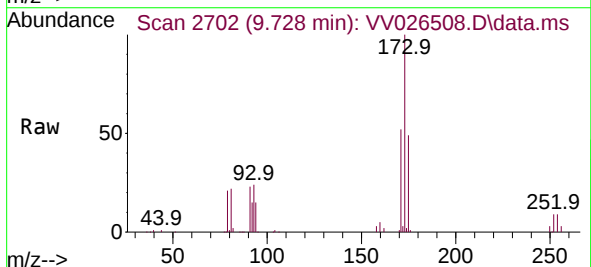
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

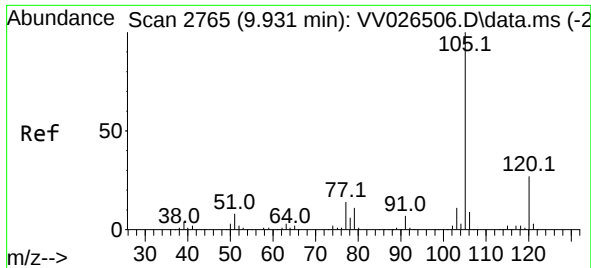
Tgt Ion: 83 Resp: 237198
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3
131 9.5 8.0 12.0



#59
Bromoform
Concen: 19.021 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 173 Resp: 94062
Ion Ratio Lower Upper
173 100
175 49.6 37.9 56.9
254 8.9 6.3 9.5

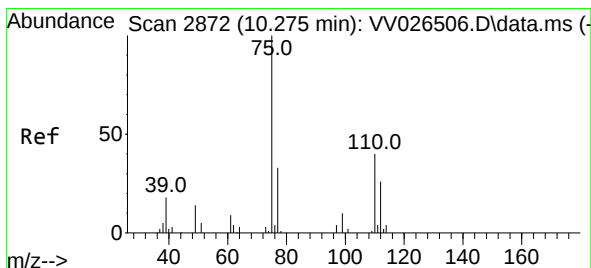
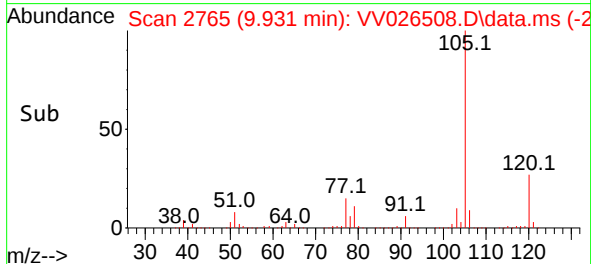
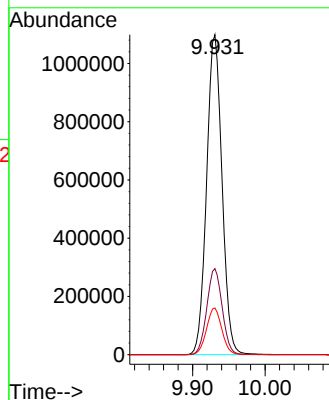
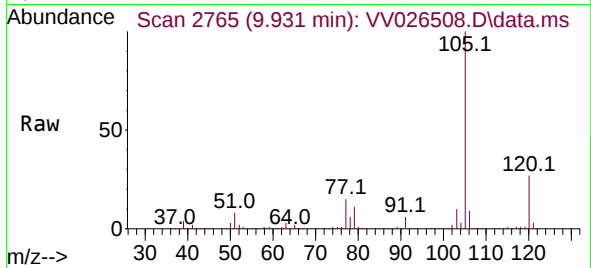




#60
Isopropylbenzene
Concen: 24.879 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

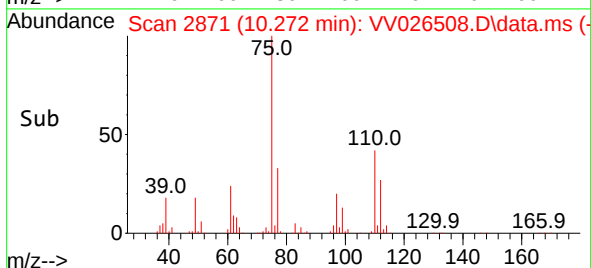
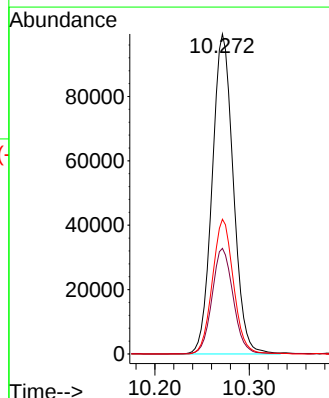
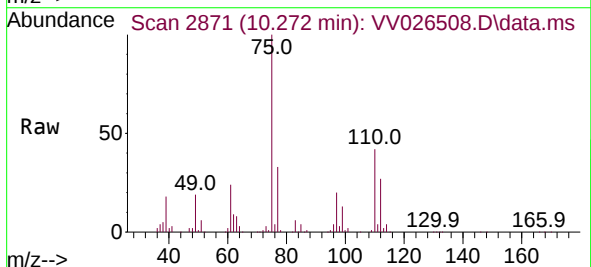
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

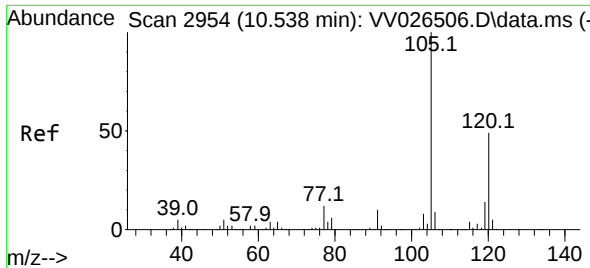
Tgt Ion:105 Resp: 1621419
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 20.321 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 75 Resp: 154450
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 41.8 32.5 48.7

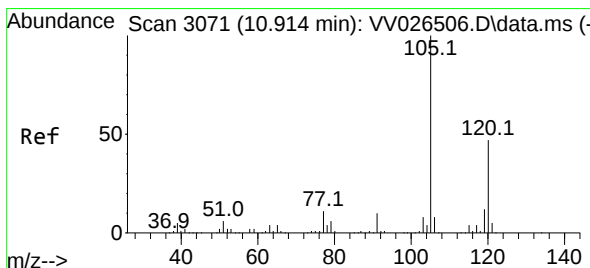
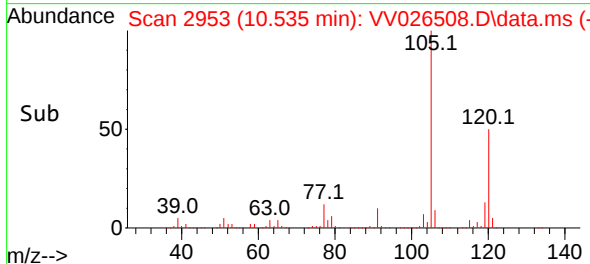
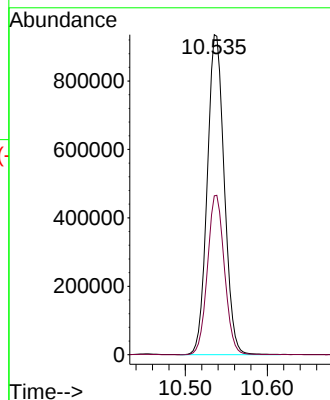
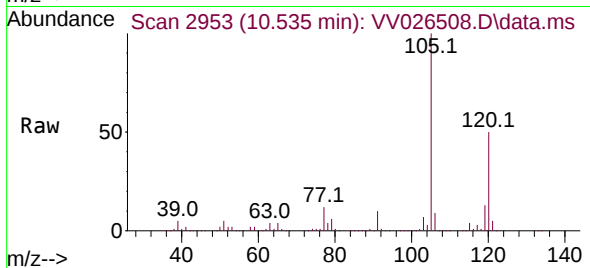




#62
 1,3,5-Trimethylbenzene
 Concen: 26.068 ug/L
 RT: 10.535 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV026508.D
 Acq: 23 Jun 2022 12:14

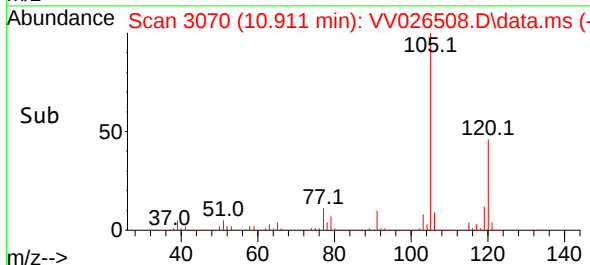
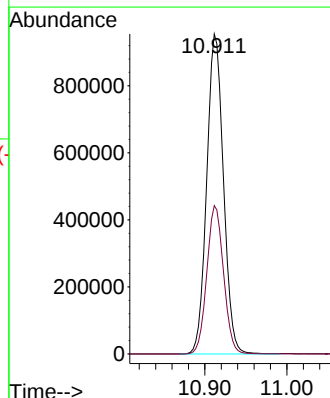
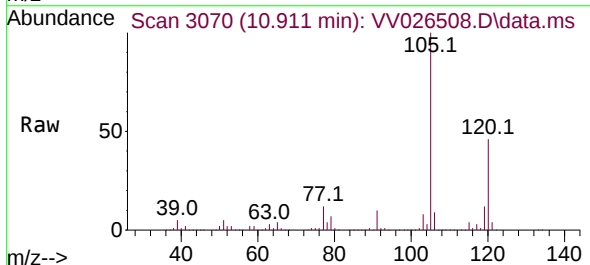
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020277

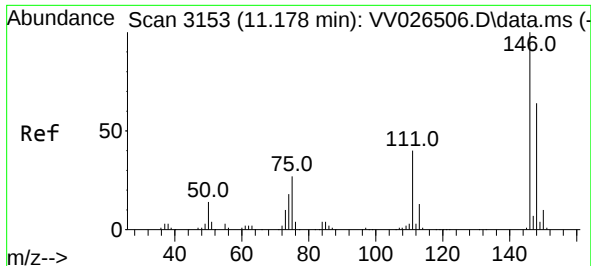
Tgt Ion:105 Resp: 1350426
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 26.343 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026508.D
 Acq: 23 Jun 2022 12:14

Tgt Ion:105 Resp: 1352042
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2

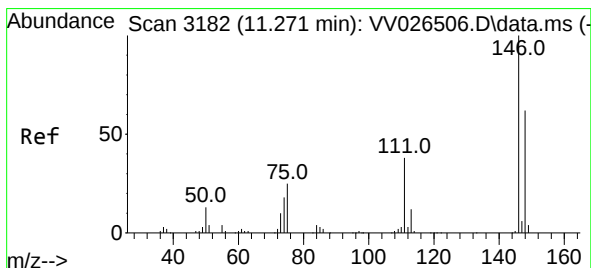
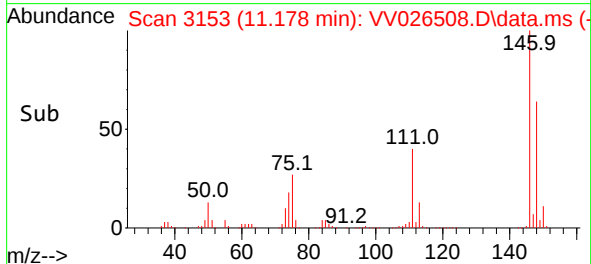
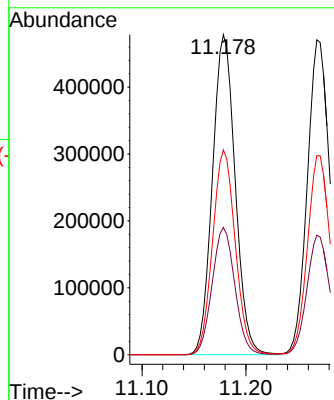
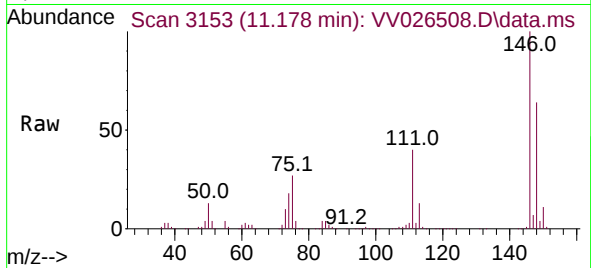




#64
1,3-Dichlorobenzene
Concen: 22.920 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

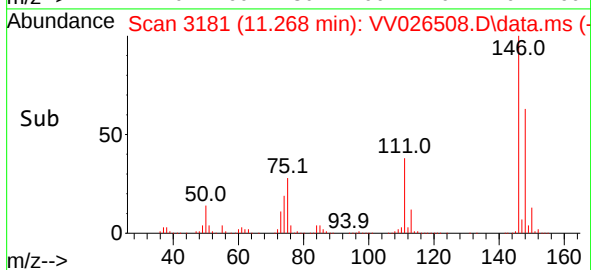
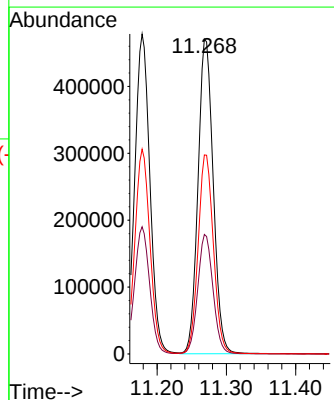
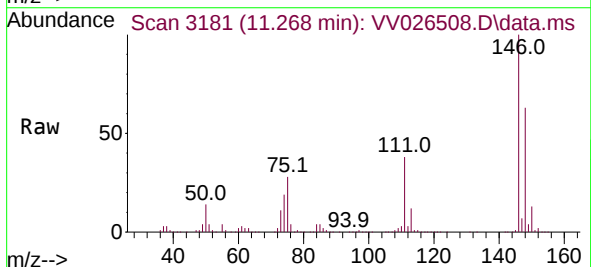
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

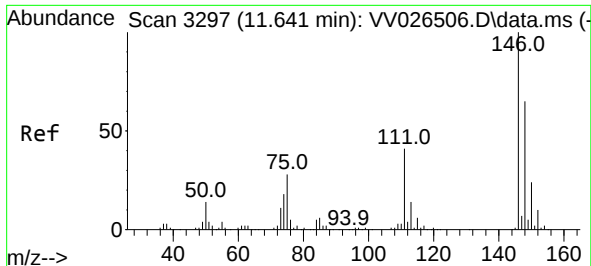
Tgt Ion:146 Resp: 728406
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.7
148 64.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 22.416 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion:146 Resp: 720802
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 63.2 43.7 81.1

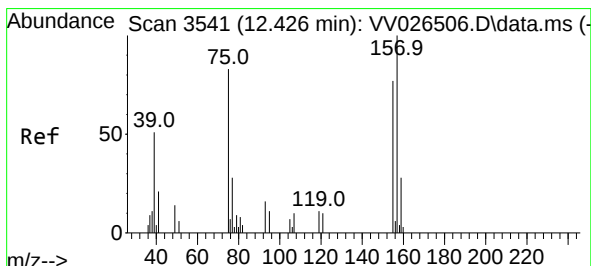
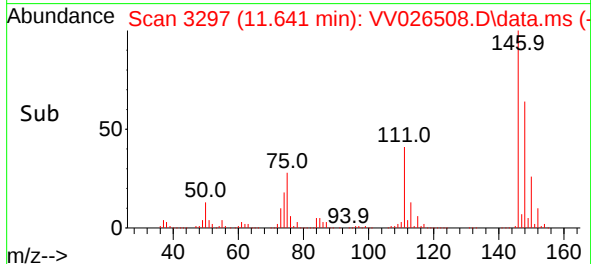
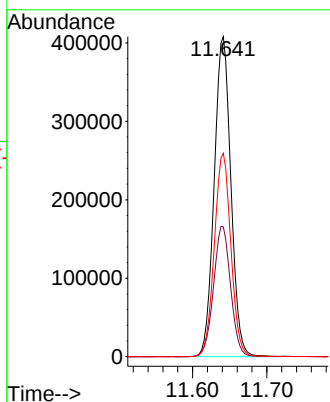
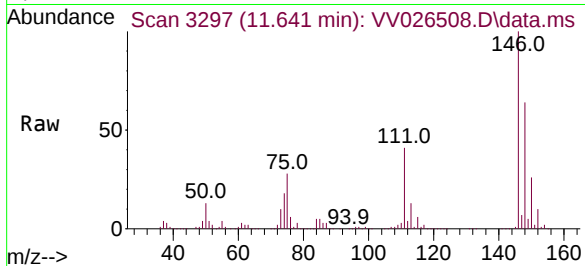




#67
1,2-Dichlorobenzene
Concen: 22.937 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

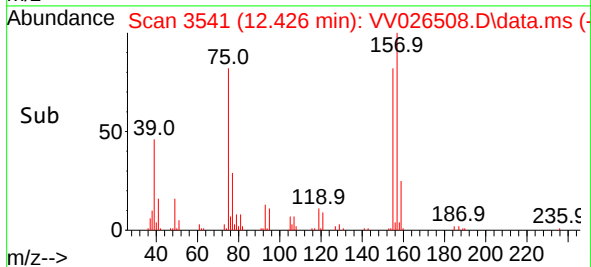
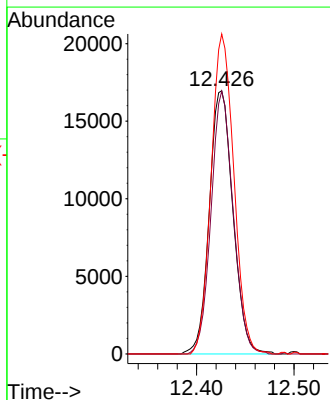
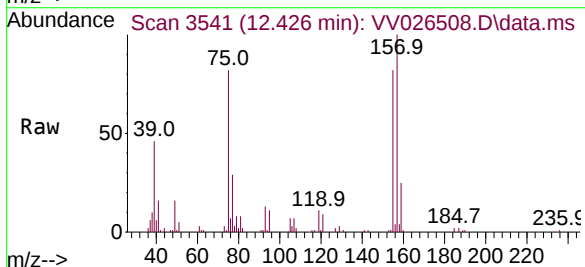
Instrument :
MSVOA_V
ClientSampleId :
VSTD020277

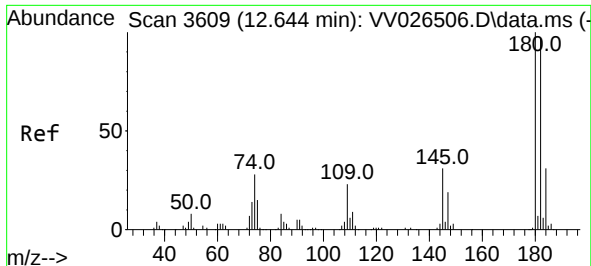
Tgt Ion:146 Resp: 638148
Ion Ratio Lower Upper
146 100
111 40.5 32.8 49.2
148 63.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.724 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026508.D
Acq: 23 Jun 2022 12:14

Tgt Ion: 75 Resp: 28636
Ion Ratio Lower Upper
75 100
155 99.8 74.7 112.1
157 121.5 96.9 145.3

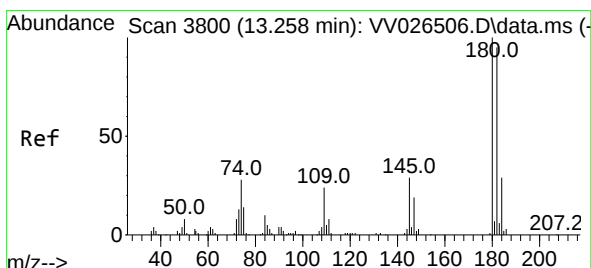
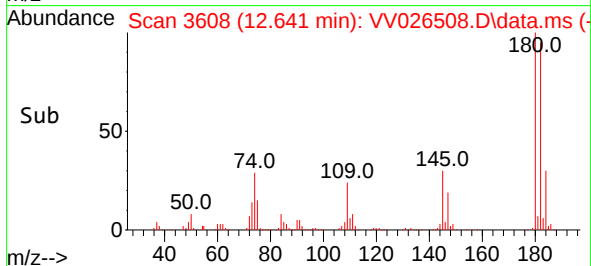
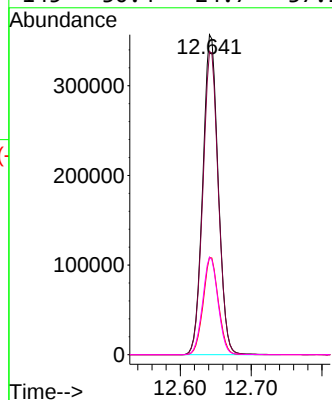
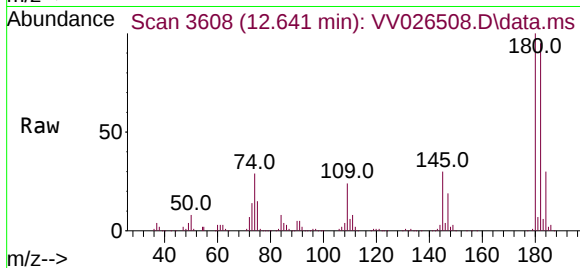




#69
 1,3,5-Trichlorobenzene
 Concen: 23.623 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026508.D
 Acq: 23 Jun 2022 12:14

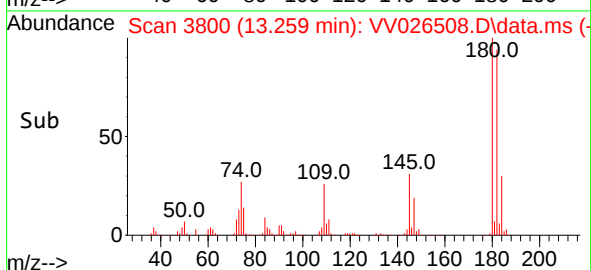
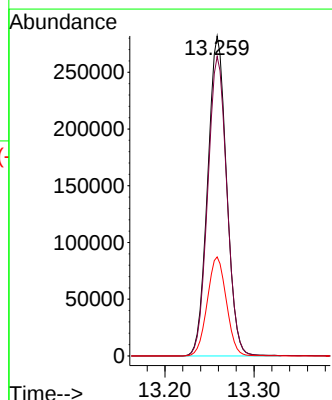
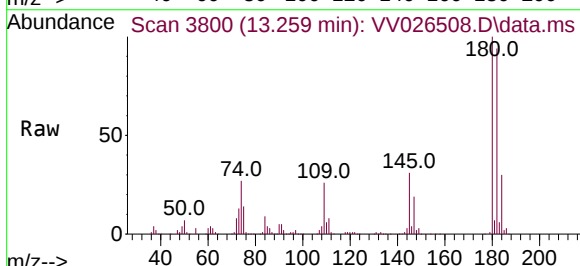
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020277

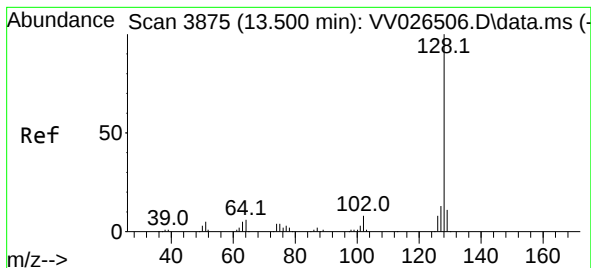
Tgt Ion:180	Resp: 537904
Ion Ratio	Lower Upper
180 100	
182 95.5	76.6 115.0
184 30.1	24.1 36.1
145 30.4	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 24.739 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026508.D
 Acq: 23 Jun 2022 12:14

Tgt Ion:180	Resp: 415247
Ion Ratio	Lower Upper
180 100	
182 94.9	75.2 112.8
145 31.2	24.4 36.6





#71

Naphthalene

Concen: 26.468 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD020277

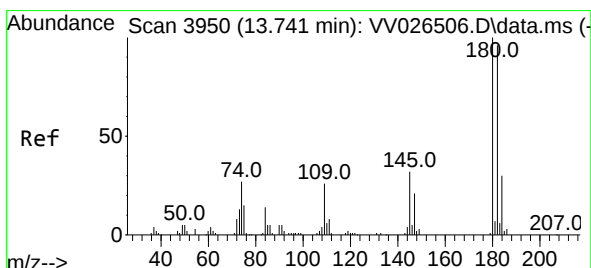
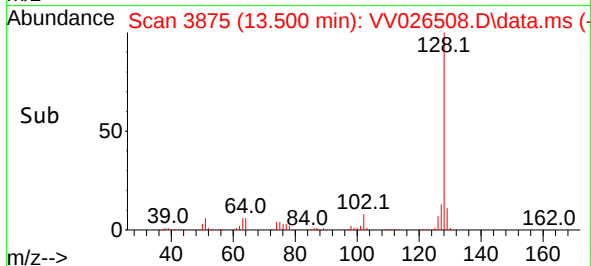
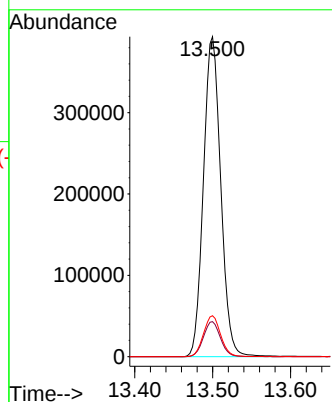
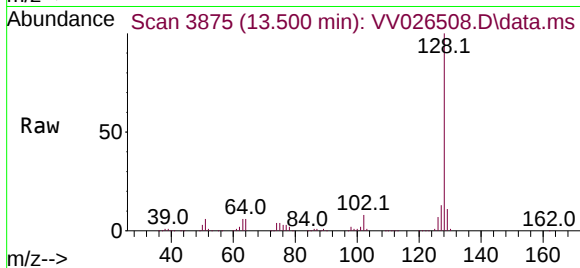
Tgt Ion:128 Resp: 606475

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.7 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 24.782 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026508.D

Acq: 23 Jun 2022 12:14

Tgt Ion:180 Resp: 344376

Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

145 32.6 25.8 38.6

