

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027436.D
 Acq On : 19 Aug 2022 10:38
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

Quant Time: Aug 20 05:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52447	4.223	ug/L	0.00
7) Chloroethane-d5	1.564	69	38965	4.279	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	123170	5.173	ug/L	0.00
20) 2-Butanone-d5	3.896	46	63914	31.576	ug/L	0.00
24) Chloroform-d	4.346	84	103918	4.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	46488	4.257	ug/L	0.00
32) Benzene-d6	5.047	84	204046	4.801	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	57222	4.410	ug/L	0.00
41) Toluene-d8	7.313	98	196050	5.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	20114	4.467	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	66047	39.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36192	3.950	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	55674	4.234	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	81544	4.675	ug/L	100
3) Chloromethane	1.240	50	67833	3.978	ug/L	100
5) Vinyl chloride	1.310	62	69409	4.298	ug/L	100
6) Bromomethane	1.519	94	34426	4.532	ug/L	100
8) Chloroethane	1.584	64	40307	4.457	ug/L	100
9) Trichlorofluoromethane	1.751	101	113352	5.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	65437	5.983	ug/L	100
12) 1,1-Dichloroethene	2.117	96	57342	5.244	ug/L	100
13) Acetone	2.182	43	54726	35.618	ug/L	100
14) Carbon disulfide	2.291	76	156169	3.807	ug/L	100
15) Methyl Acetate	2.436	43	21918	5.334	ug/L	100
16) Methylene chloride	2.503	84	66689	3.917	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	121152	4.817	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	59283	4.523	ug/L	100
19) 1,1-Dichloroethane	3.185	63	126996	4.978	ug/L	100
21) 2-Butanone	3.979	43	79118	36.845	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	61350	4.733	ug/L	100
23) Bromochloromethane	4.246	128	28366	4.720	ug/L	100
25) Chloroform	4.371	83	136343	5.148	ug/L	100
27) 1,2-Dichloroethane	5.130	62	72031	4.794	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	117185	5.528	ug/L	100
30) Cyclohexane	4.674	56	87635	5.213	ug/L	100
31) Carbon tetrachloride	4.825	117	101485	5.511	ug/L	100
33) Benzene	5.095	78	260451	5.164	ug/L	100
34) Trichloroethene	5.912	95	65309	5.173	ug/L	100
35) Methylcyclohexane	6.127	83	88464	5.153	ug/L	100
37) 1,2-Dichloropropane	6.169	63	67272	5.387	ug/L	100
38) Bromodichloromethane	6.506	83	85923	5.286	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	82369	5.334	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	316218	49.993	ug/L	100
42) Toluene	7.384	91	277273	5.500	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	69397	5.215	ug/L	100

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

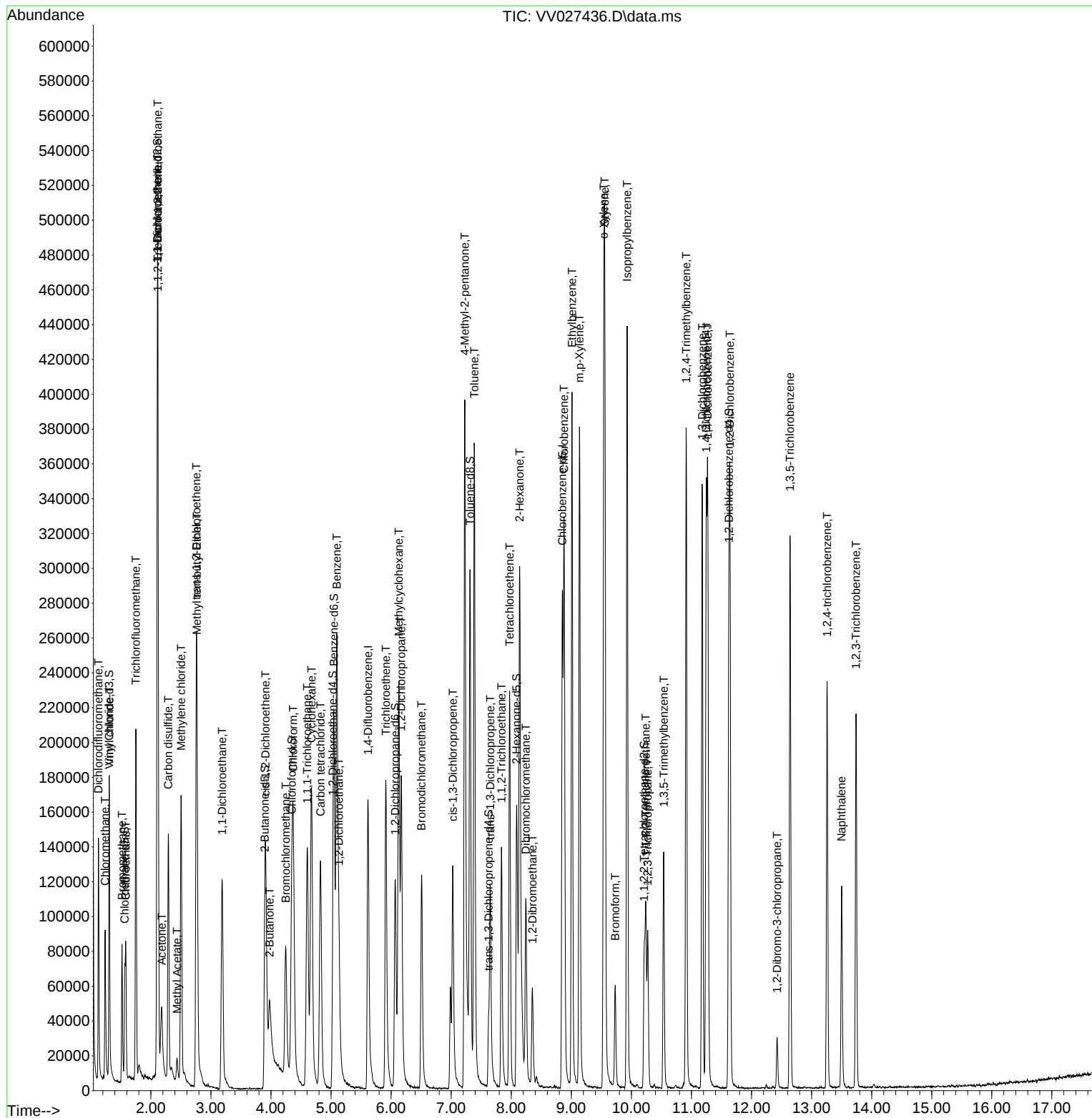
45) 1,1,2-Trichloroethane	7.838	97	43749	4.981	ug/L	100
47) Tetrachloroethene	7.973	164	52249	5.270	ug/L	100
48) 2-Hexanone	8.140	43	230969	50.819	ug/L	100
49) Dibromochloromethane	8.243	129	53920	5.172	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38600	4.952	ug/L	100
51) Chlorobenzene	8.879	112	171266	5.211	ug/L	100
52) Ethylbenzene	9.011	91	264441	5.240	ug/L	100
53) m,p-Xylene	9.136	106	104291	5.410	ug/L	100
54) o-Xylene	9.542	106	101018	5.344	ug/L	100
55) Styrene	9.558	104	175795	5.443	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	50112	5.101	ug/L	100
59) Bromoform	9.731	173	26324	4.939	ug/L	100
60) Isopropylbenzene	9.931	105	269459	5.370	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	36374	4.807	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	69865	5.044	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	200266	5.058	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	135536	5.379	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	131253	5.228	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	119969	5.178	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7027	4.488	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	95785	5.267	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67978	5.017	ug/L	100
71) Naphthalene	13.500	128	89289	4.363	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61231	4.906	ug/L	100

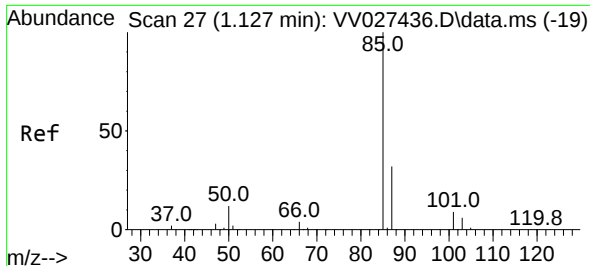
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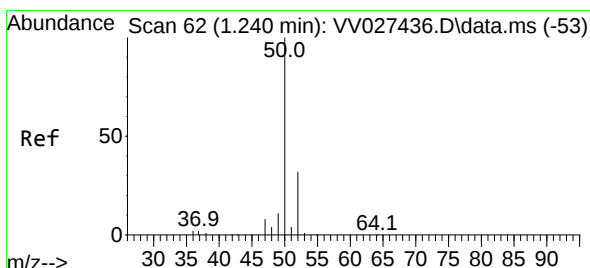
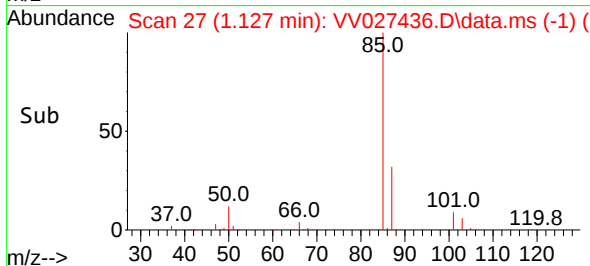
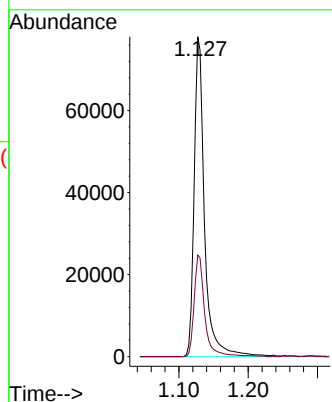
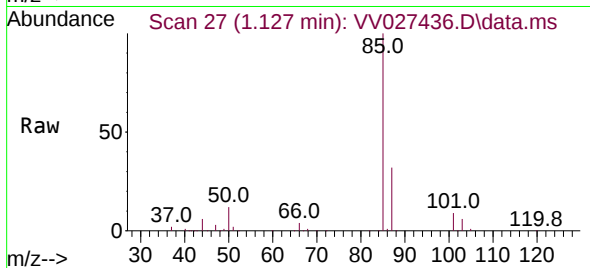




#2
 Dichlorodifluoromethane
 Concen: 4.675 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

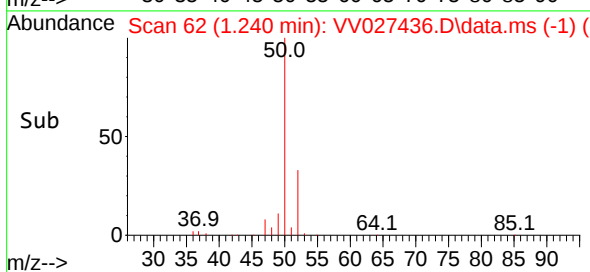
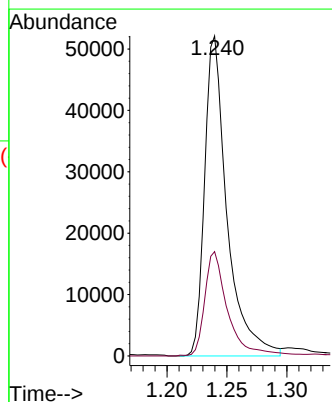
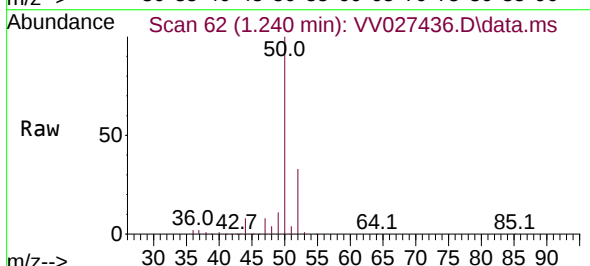
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 ClientSampleId :
 VSTD005215

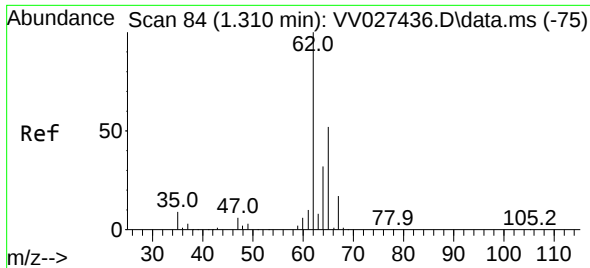
Tgt Ion: 85 Resp: 81544
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 3.978 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion: 50 Resp: 67833
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

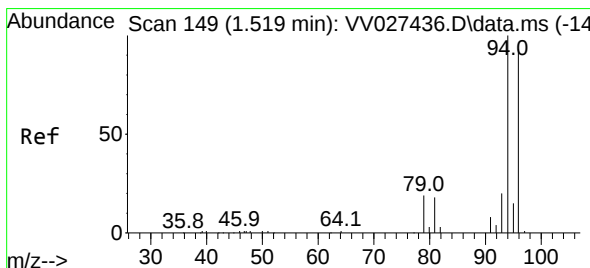
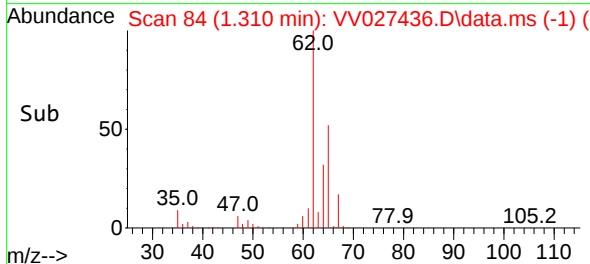
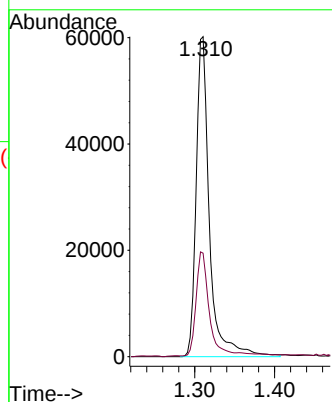
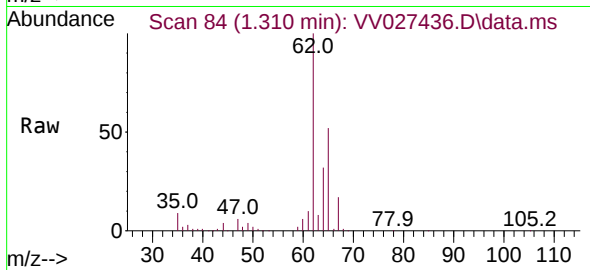




#5
 Vinyl chloride
 Concen: 4.298 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

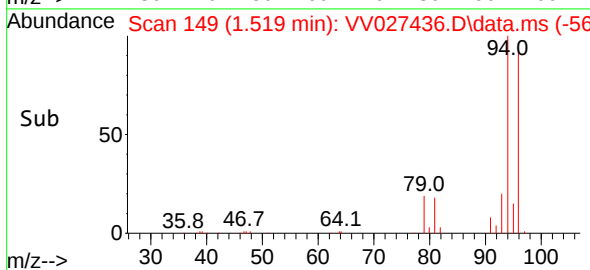
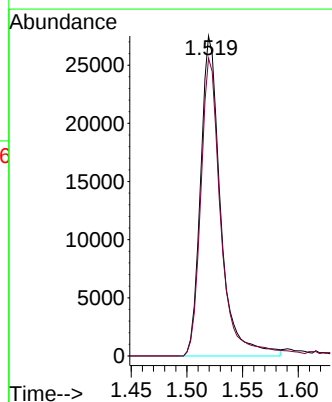
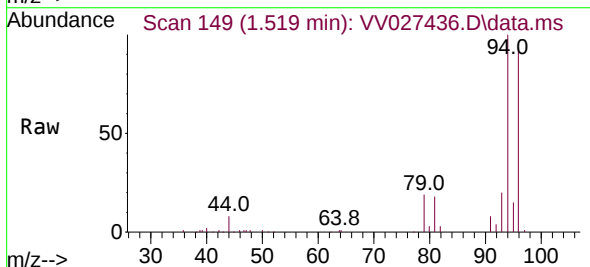
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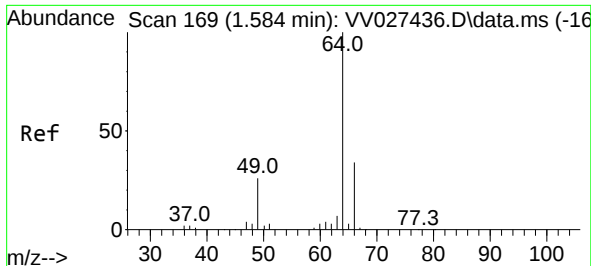
Tgt Ion: 62 Resp: 69409
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 4.532 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion: 94 Resp: 34426
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.2 121.0

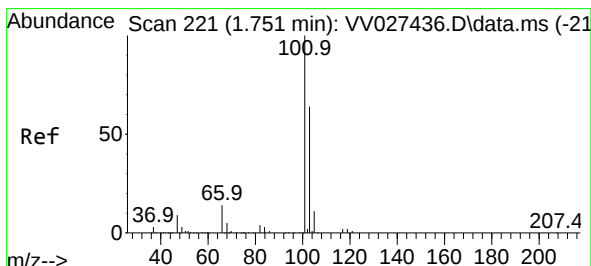
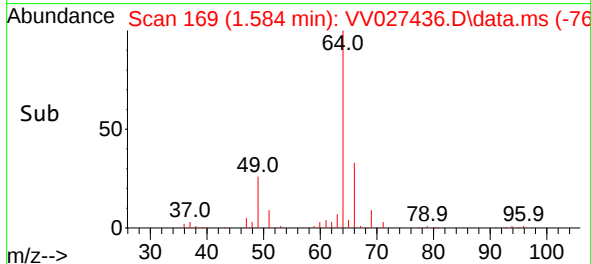
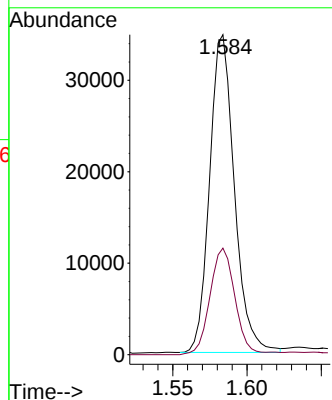
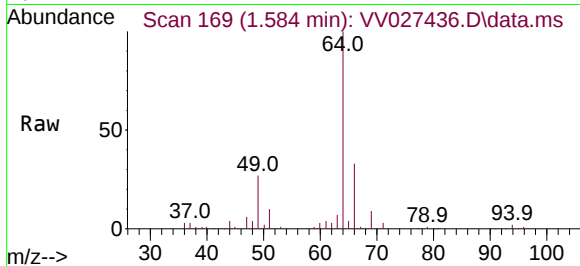




#8
Chloroethane
Concen: 4.457 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

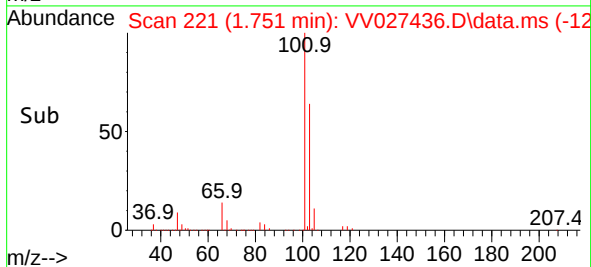
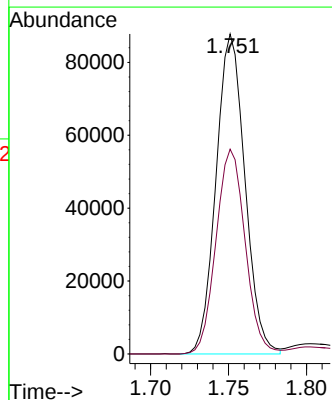
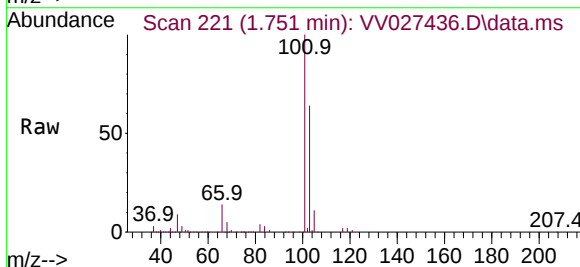
Instrument :
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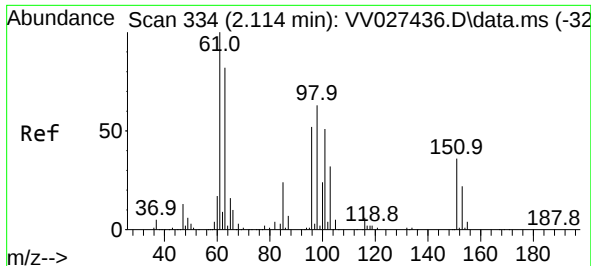
Tgt Ion: 64 Resp: 40307
Ion Ratio Lower Upper
64 100
66 33.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.108 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion:101 Resp: 113352
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

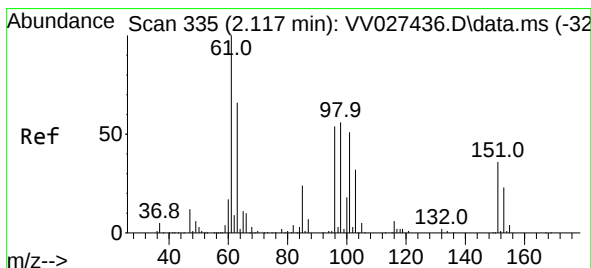
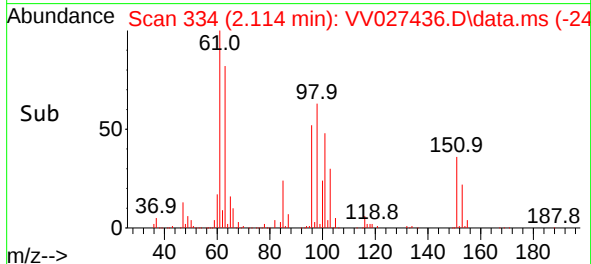
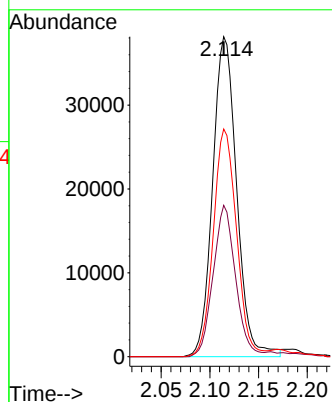
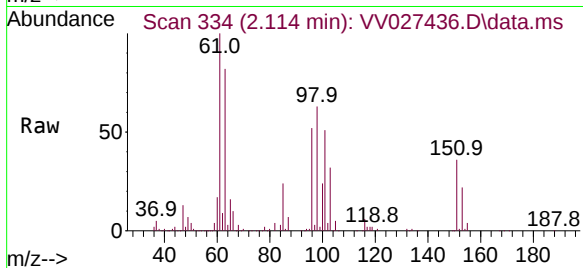




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.983 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

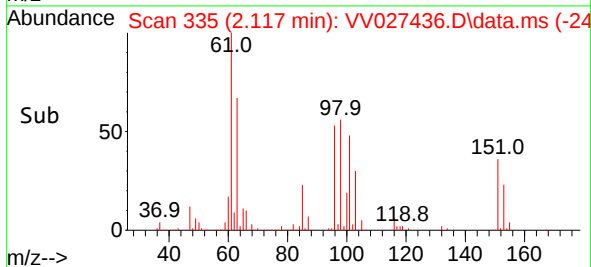
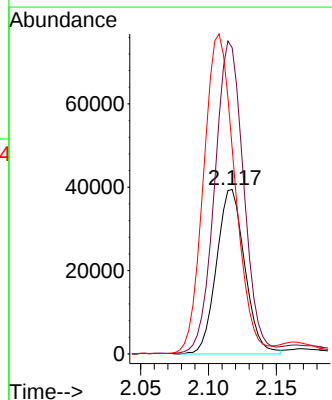
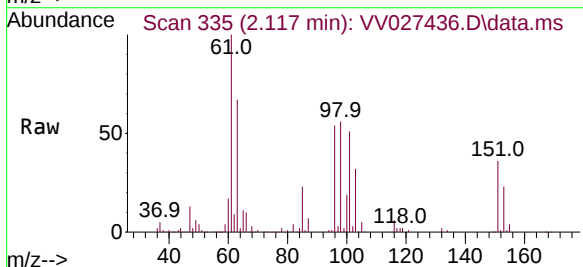
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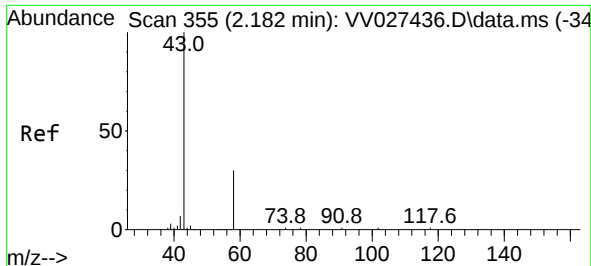
Tgt Ion:101 Resp: 65437
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 69.0 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.244 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion: 96 Resp: 57342
 Ion Ratio Lower Upper
 96 100
 61 186.0 130.2 241.8
 63 124.9 87.4 162.4





#13

Acetone

Concen: 35.618 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.000 min

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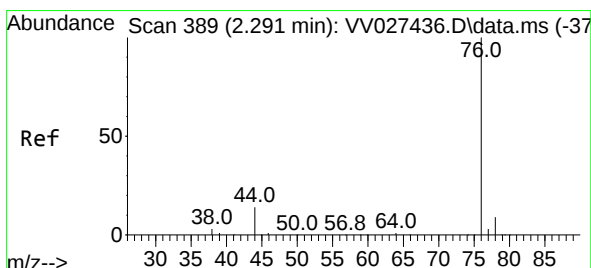
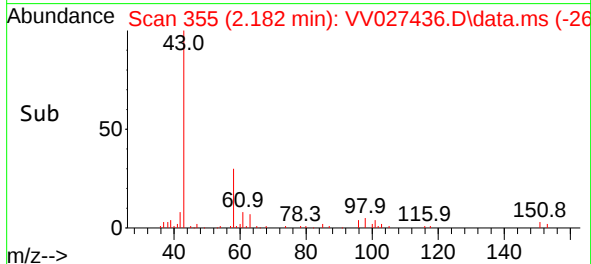
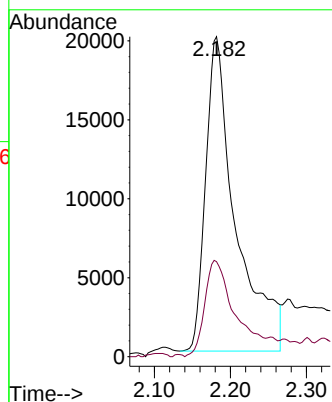
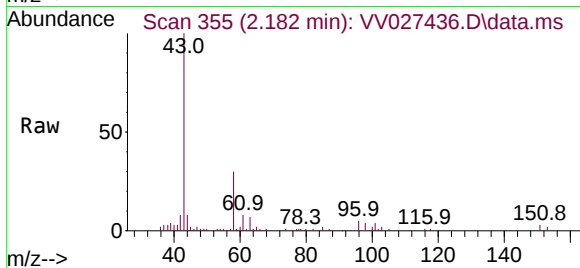
VSTD005215

Tgt Ion: 43 Resp: 54726

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.2



#14

Carbon disulfide

Concen: 3.807 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV027436.D

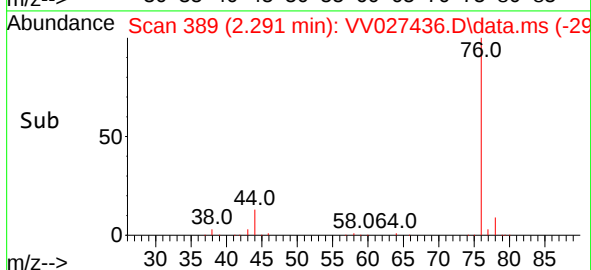
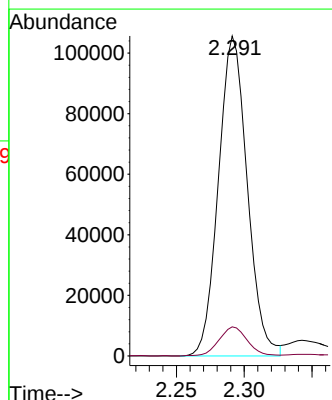
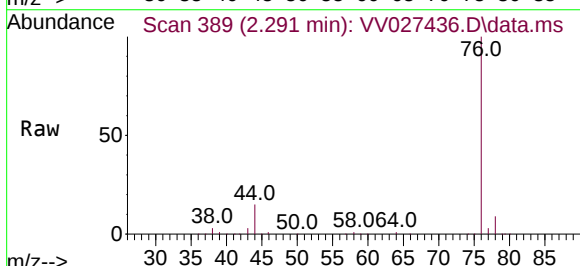
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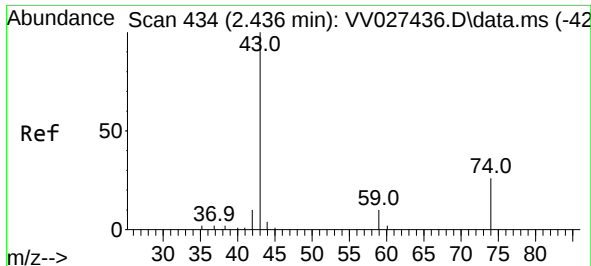
Tgt Ion: 76 Resp: 156169

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

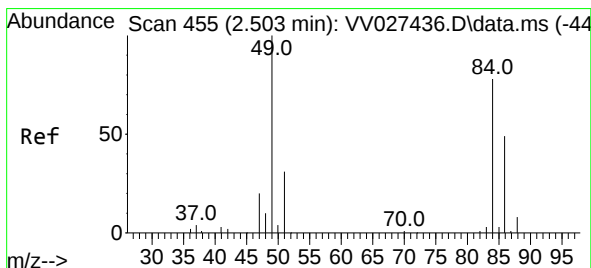
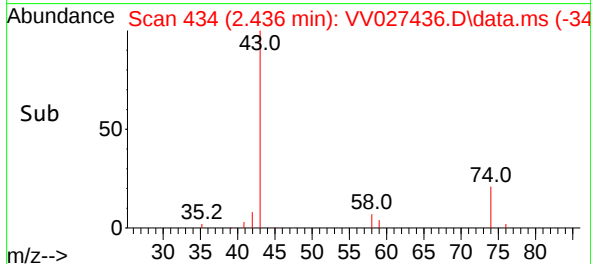
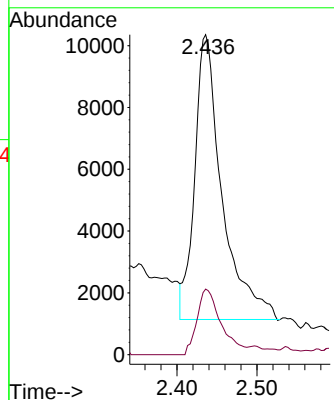
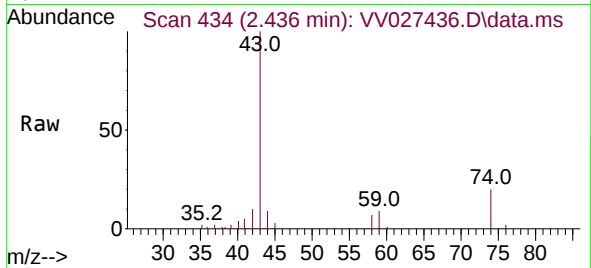




#15
Methyl Acetate
Concen: 5.334 ug/L
RT: 2.436 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

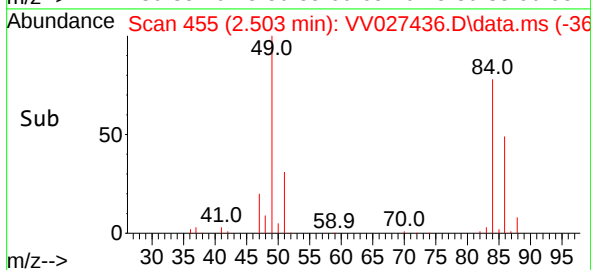
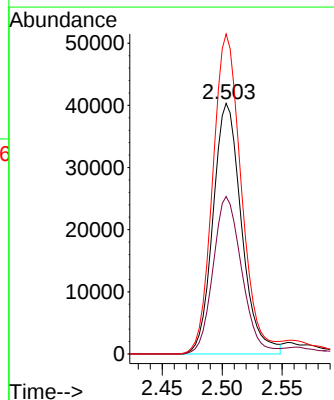
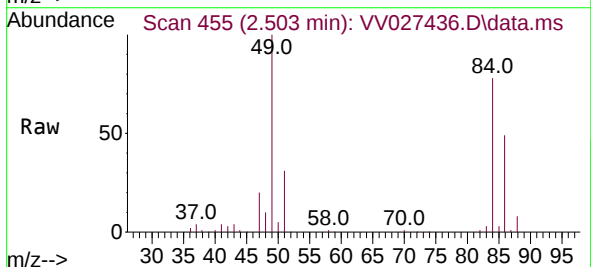
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

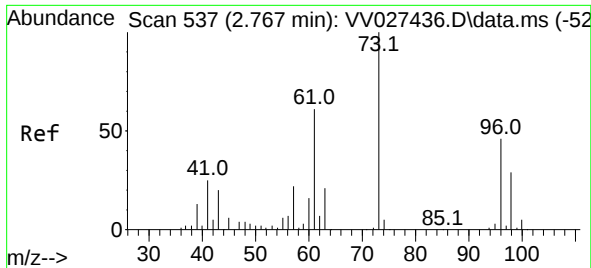
Tgt Ion: 43 Resp: 21918
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5



#16
Methylene chloride
Concen: 3.917 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 84 Resp: 66689
Ion Ratio Lower Upper
84 100
86 62.8 44.0 81.6
49 127.7 89.4 166.0

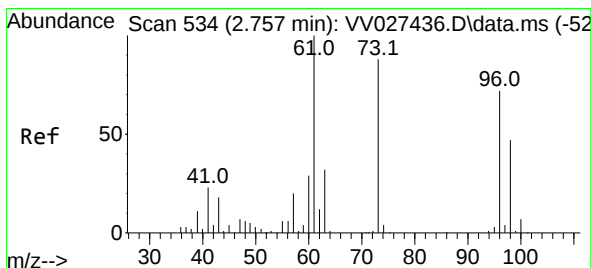
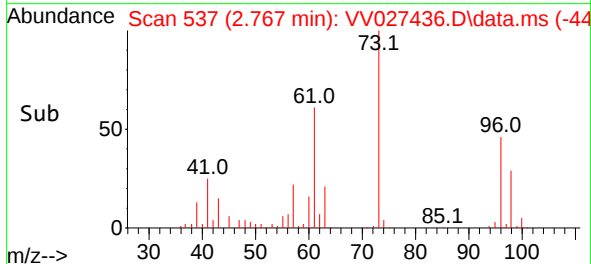
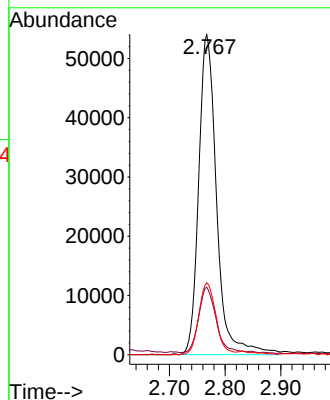
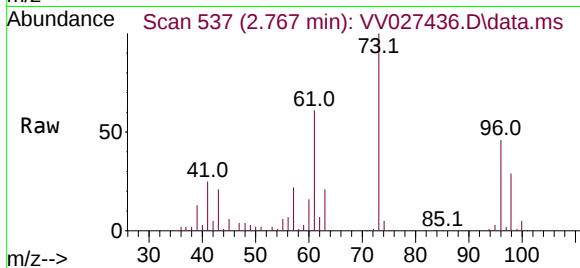




#17
Methyl tert-butyl Ether
Concen: 4.817 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

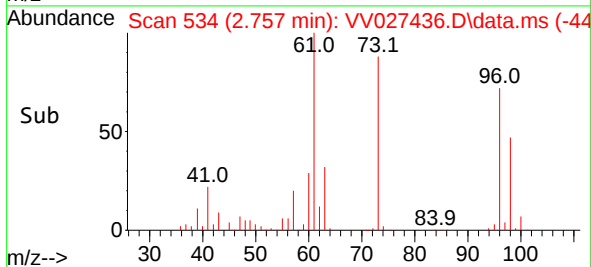
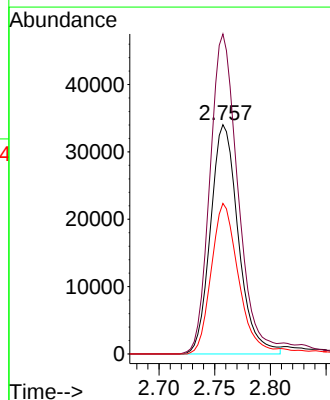
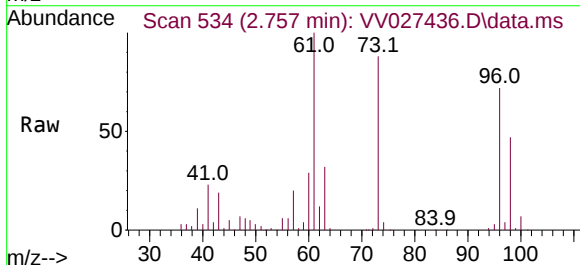
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

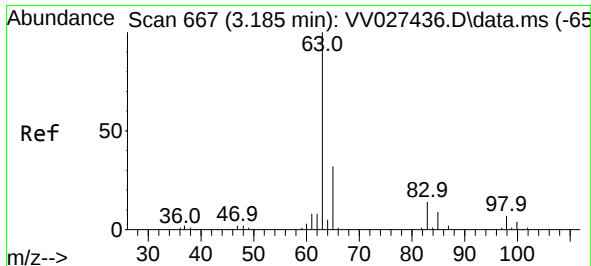
Tgt Ion: 73 Resp: 121152
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.523 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 96 Resp: 59283
Ion Ratio Lower Upper
96 100
61 139.5 97.6 181.4
98 65.6 45.9 85.3

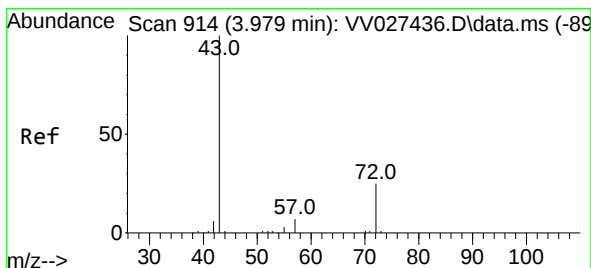
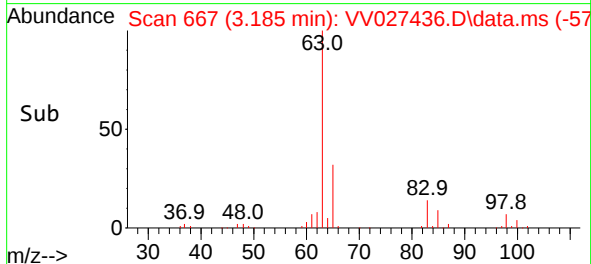
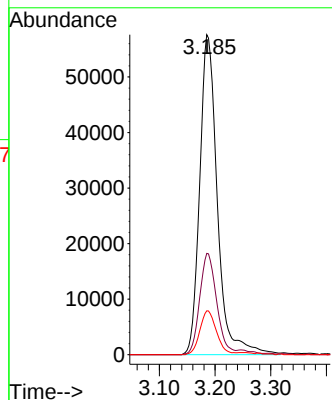
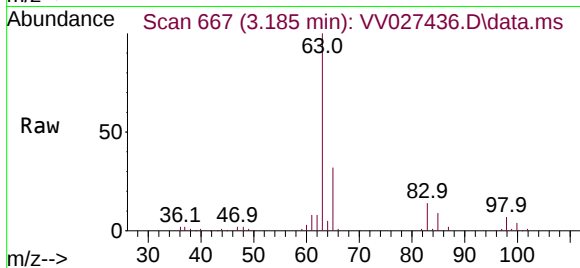




#19
1,1-Dichloroethane
Concen: 4.978 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

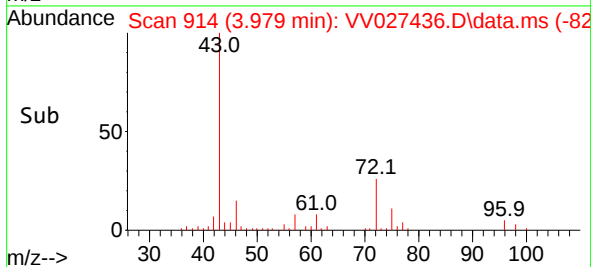
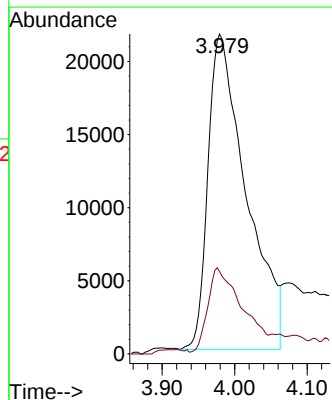
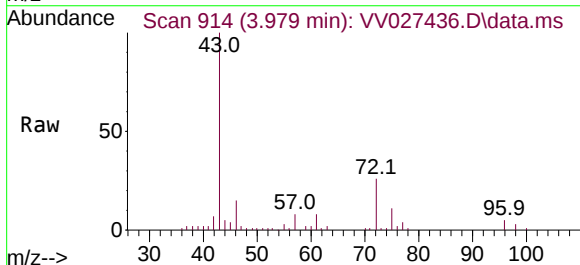
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

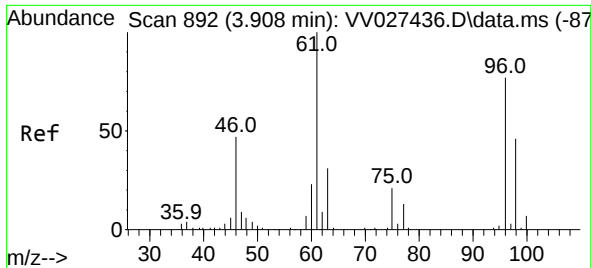
Tgt Ion: 63 Resp: 126996
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 13.7 9.6 17.8



#21
2-Butanone
Concen: 36.845 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 43 Resp: 79118
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1

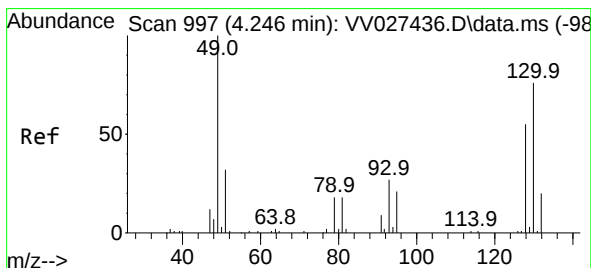
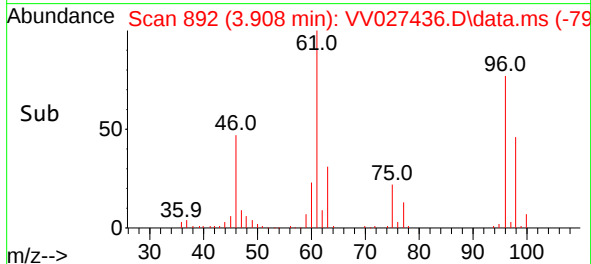
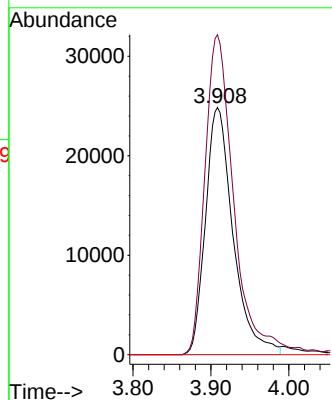
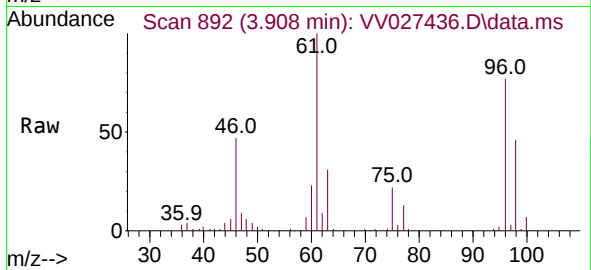




#22
 cis-1,2-Dichloroethene
 Concen: 4.733 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

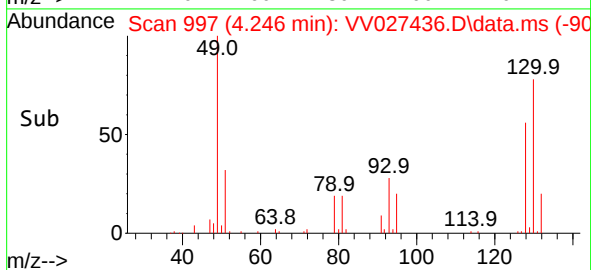
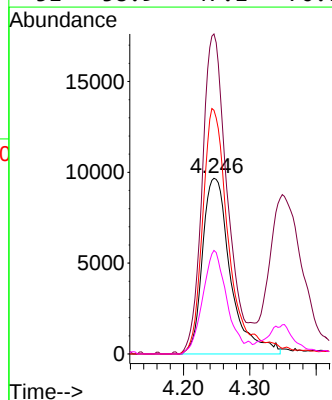
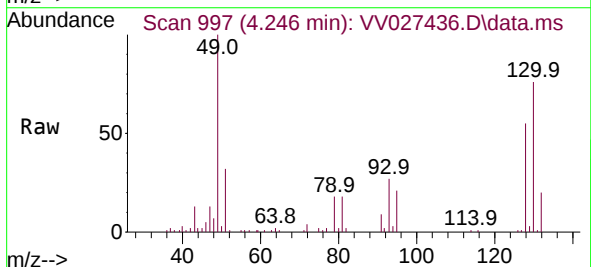
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

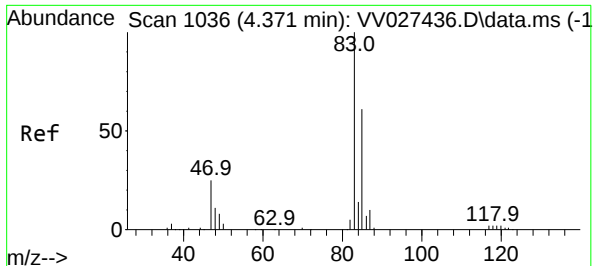
Tgt Ion: 96 Resp: 61350
 Ion Ratio Lower Upper
 96 100
 61 129.4 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.720 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion: 128 Resp: 28366
 Ion Ratio Lower Upper
 128 100
 49 182.1 127.5 236.7
 130 138.6 97.0 180.2
 51 58.9 47.1 70.7





#25

Chloroform

Concen: 5.148 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

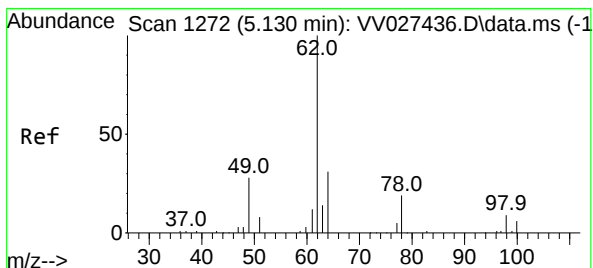
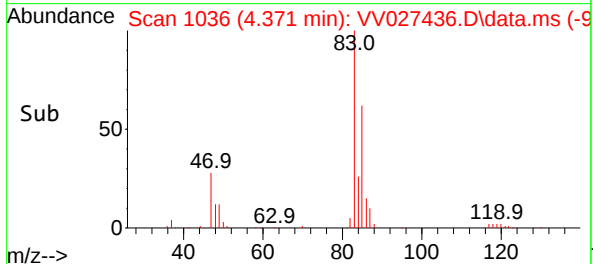
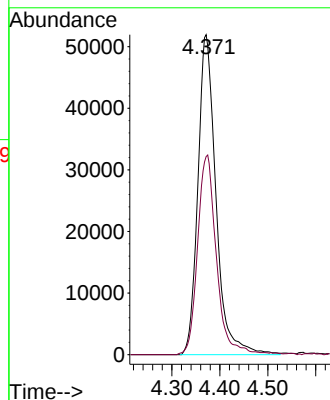
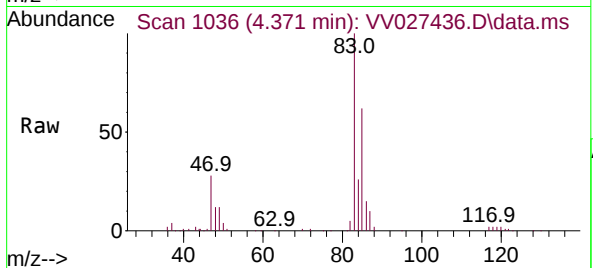
VSTD005215

Tgt Ion: 83 Resp: 136343

Ion Ratio Lower Upper

83 100

85 61.9 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.794 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV027436.D

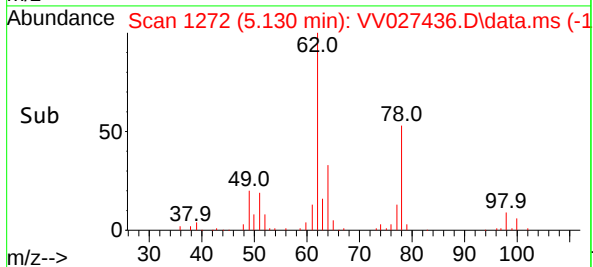
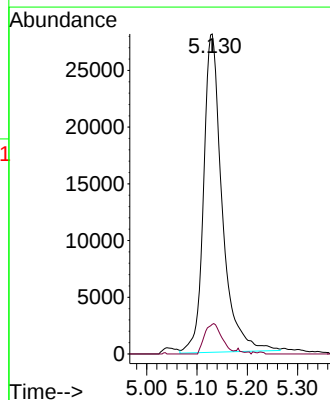
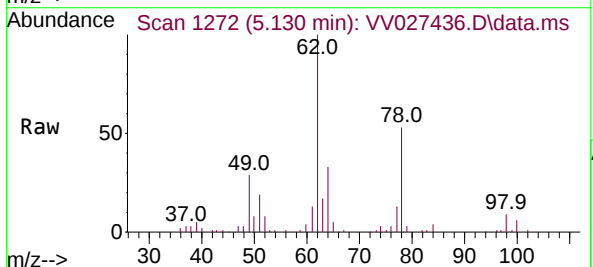
Acq: 19 Aug 2022 10:38

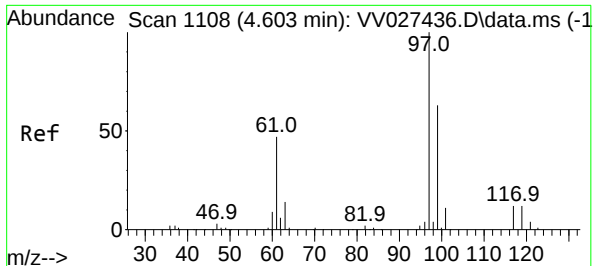
Tgt Ion: 62 Resp: 72031

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.528 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005215

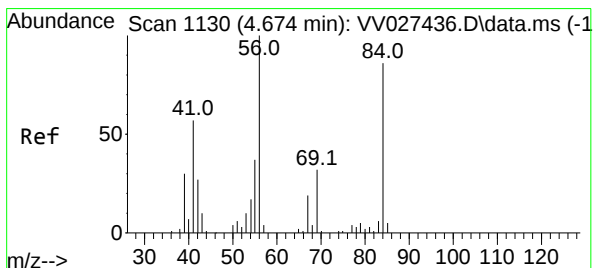
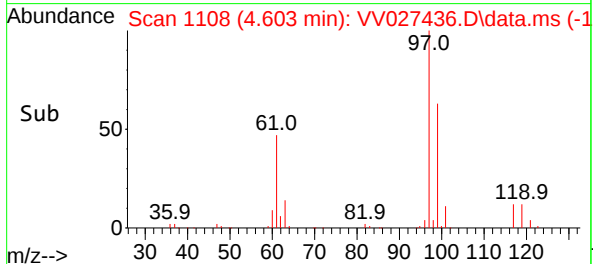
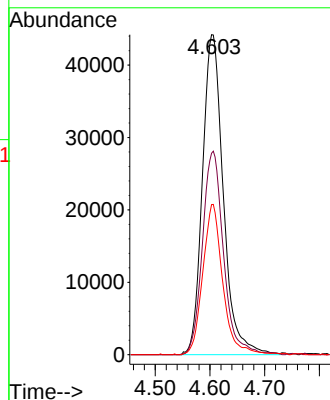
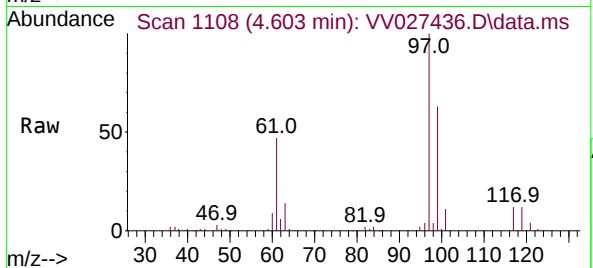
Tgt Ion: 97 Resp: 117185

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 44.9 35.9 53.9



#30

Cyclohexane

Concen: 5.213 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

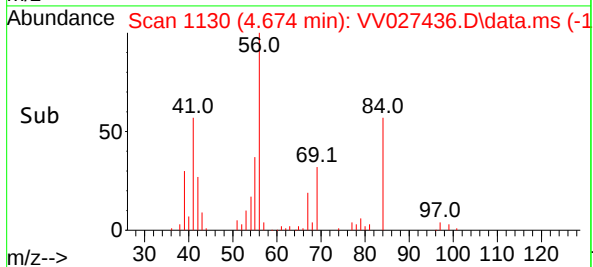
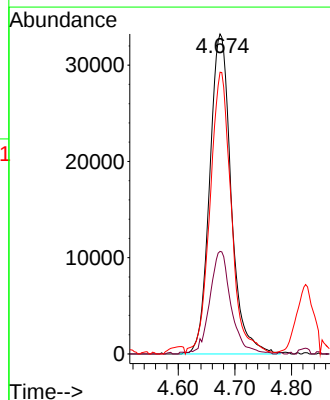
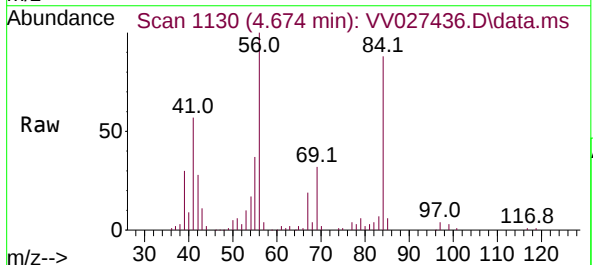
Tgt Ion: 56 Resp: 87635

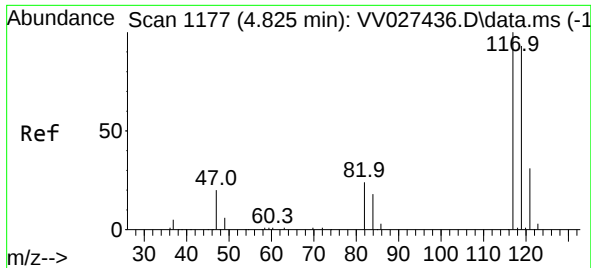
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 87.1 69.7 104.5

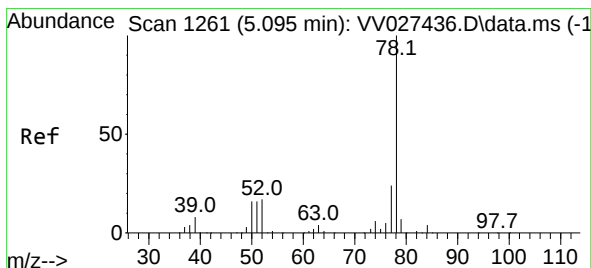
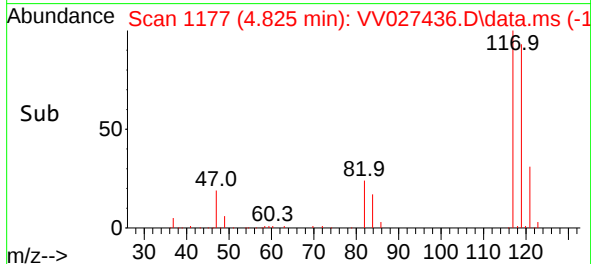
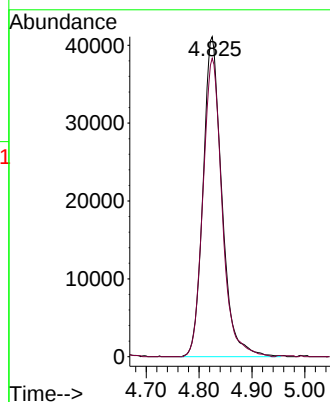
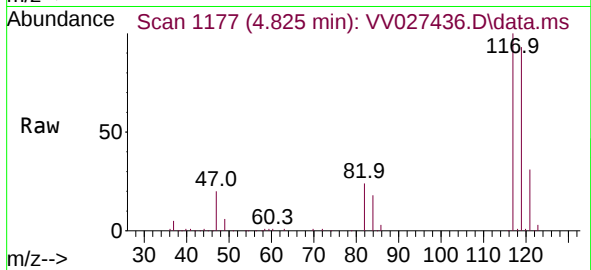




#31
Carbon tetrachloride
Concen: 5.511 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

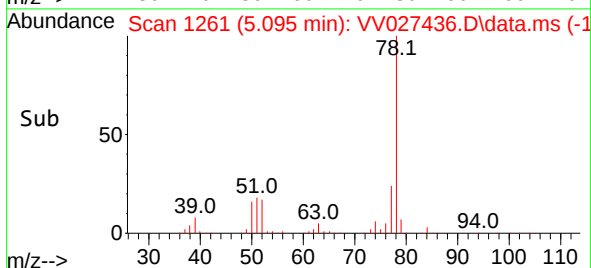
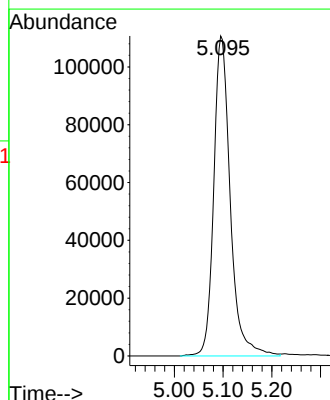
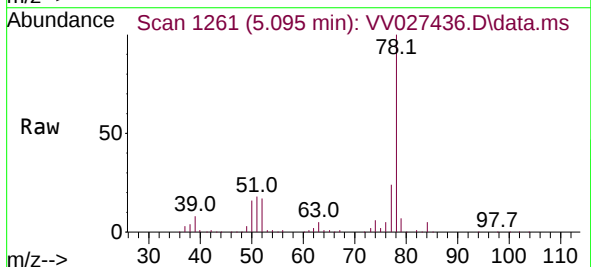
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

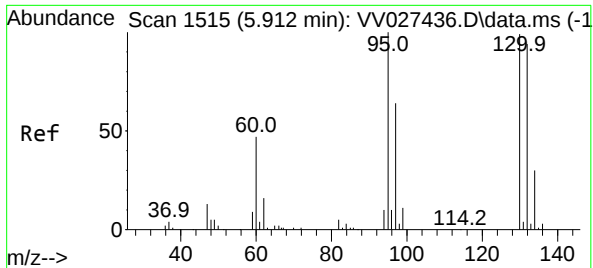
Tgt Ion:117 Resp: 101485
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#33
Benzene
Concen: 5.164 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 78 Resp: 260451



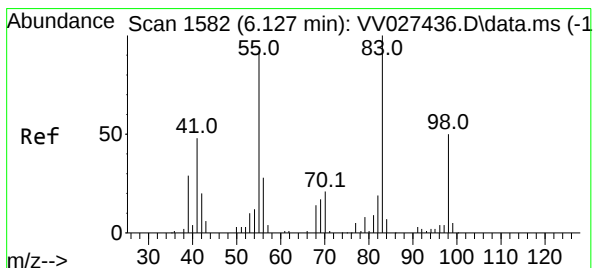
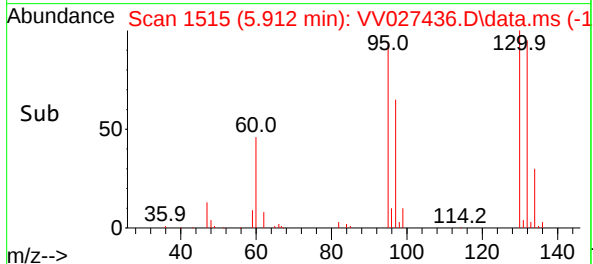
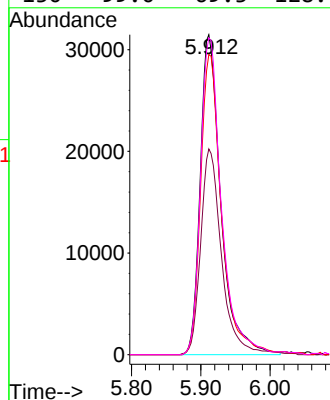
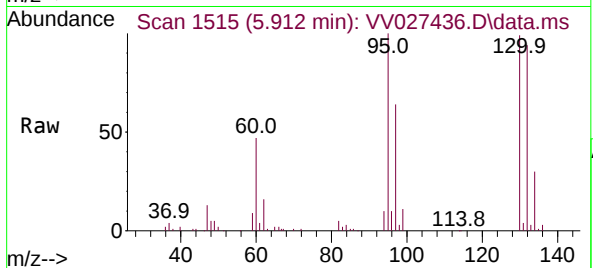


#34
Trichloroethene
Concen: 5.173 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

Tgt Ion: 95 Resp: 65309

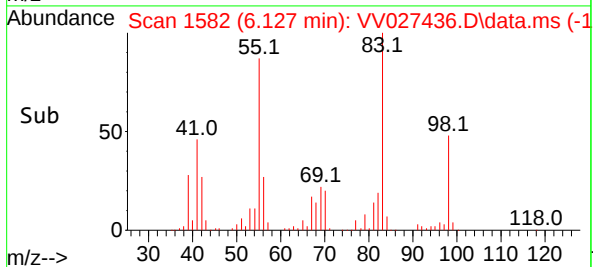
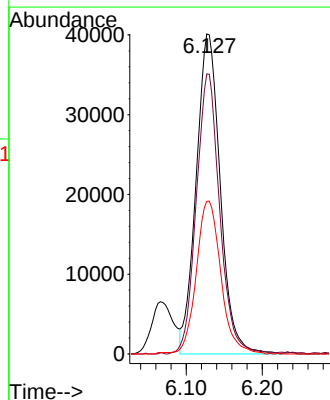
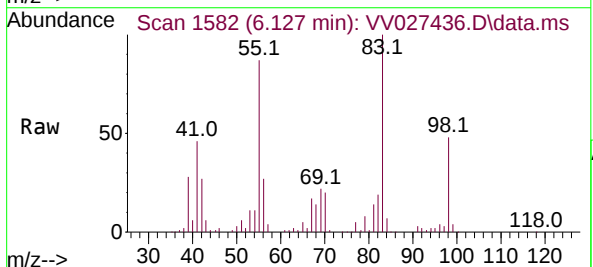
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	93.8	65.7	121.9
130	99.0	69.3	128.7

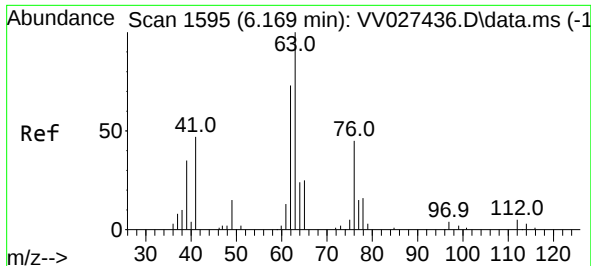


#35
Methylcyclohexane
Concen: 5.153 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 83 Resp: 88464

Ion	Ratio	Lower	Upper
83	100		
55	85.3	68.2	102.4
98	48.7	39.0	58.4





#37

1,2-Dichloropropane

Concen: 5.387 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

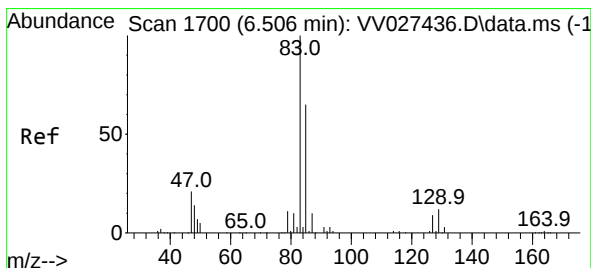
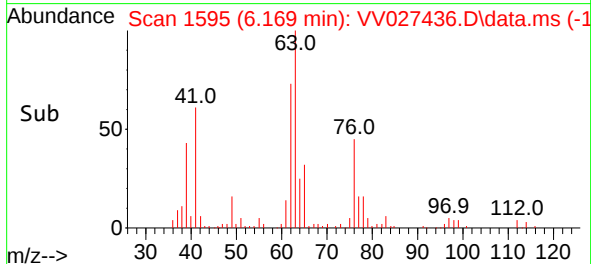
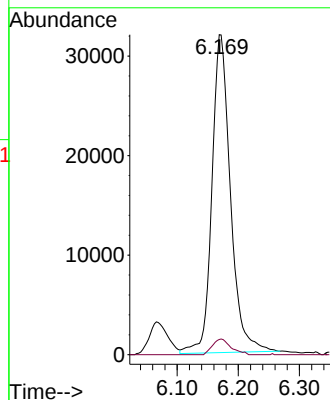
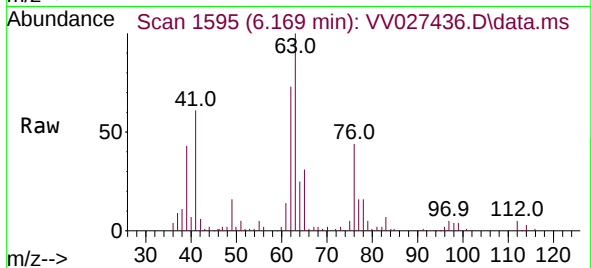
VSTD005215

Tgt Ion: 63 Resp: 67272

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.286 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

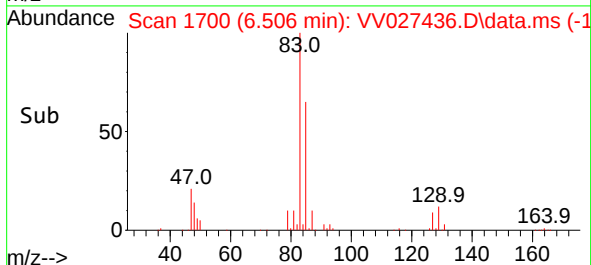
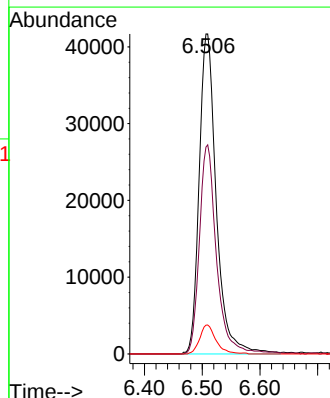
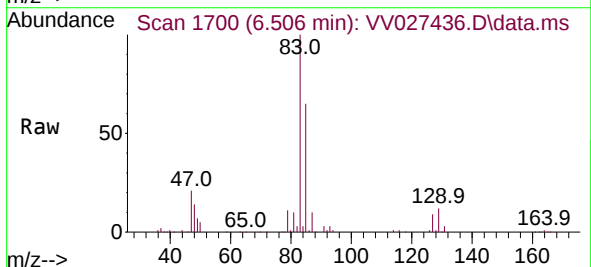
Tgt Ion: 83 Resp: 85923

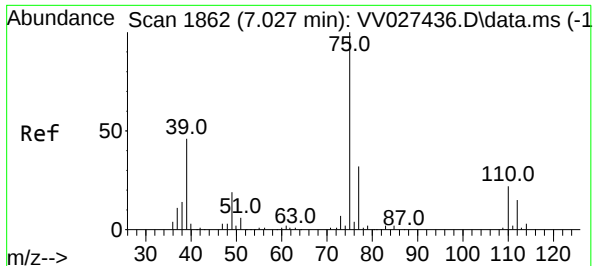
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.334 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

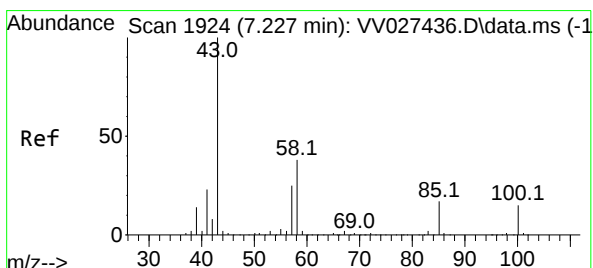
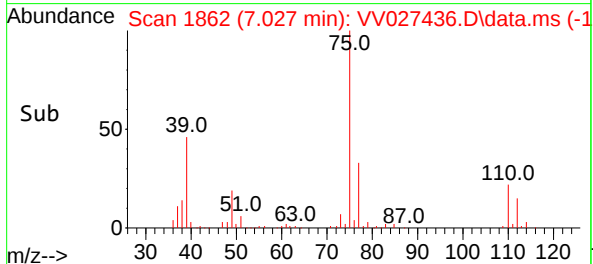
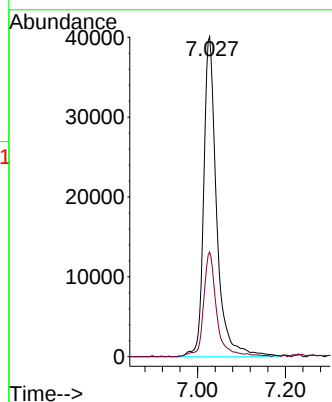
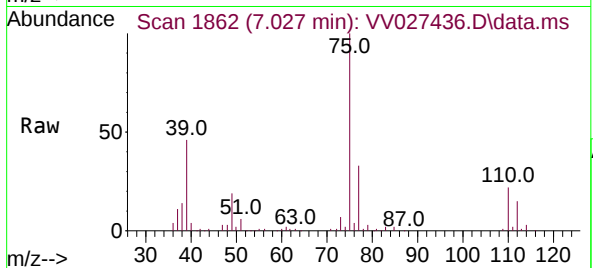
VSTD005215

Tgt Ion: 75 Resp: 82369

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.993 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

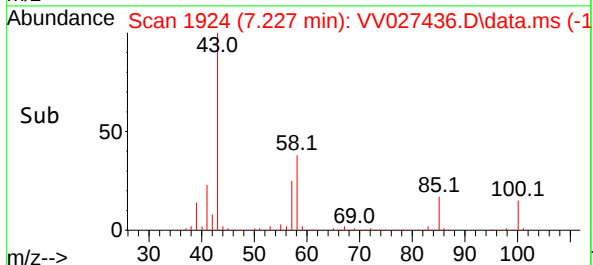
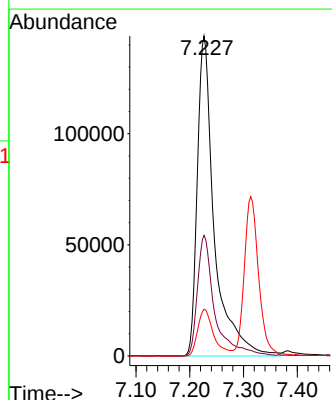
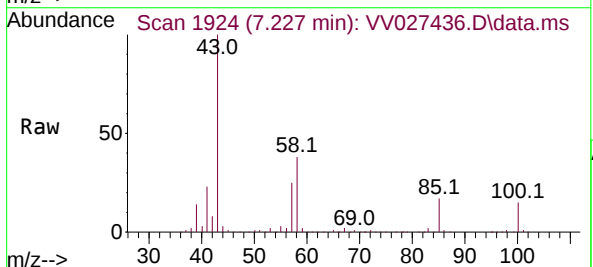
Tgt Ion: 43 Resp: 316218

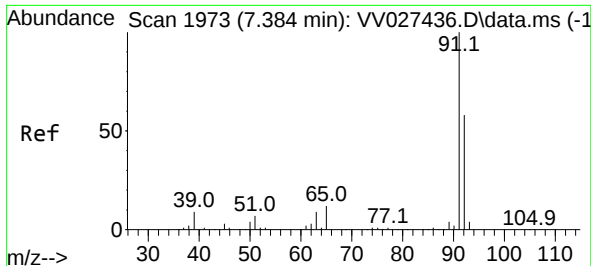
Ion Ratio Lower Upper

43 100

58 38.2 30.6 45.8

100 13.7 11.0 16.4





#42

Toluene

Concen: 5.500 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

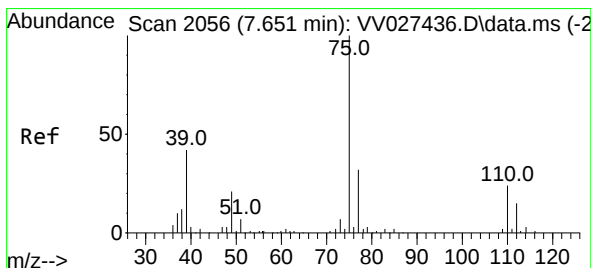
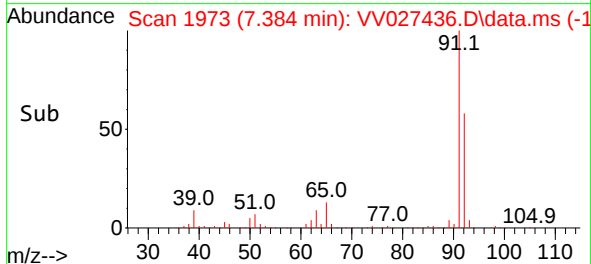
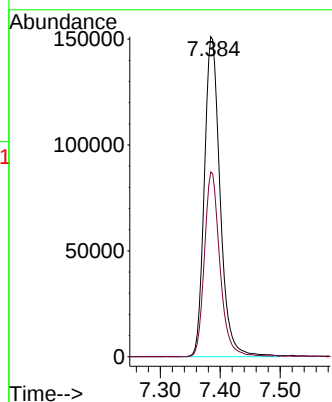
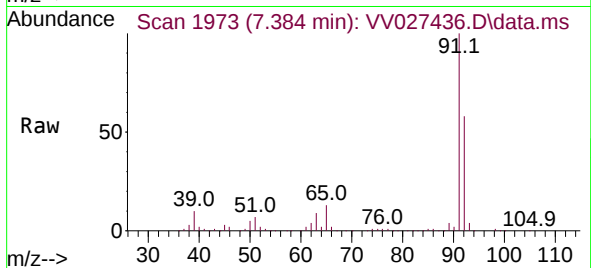
VSTD005215

Tgt Ion: 91 Resp: 277273

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.215 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027436.D

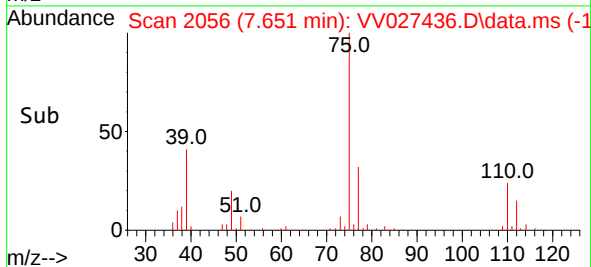
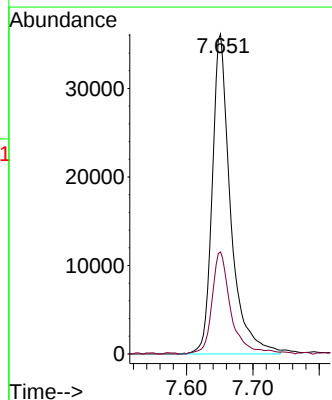
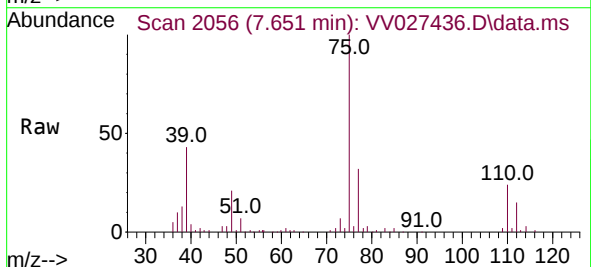
Acq: 19 Aug 2022 10:38

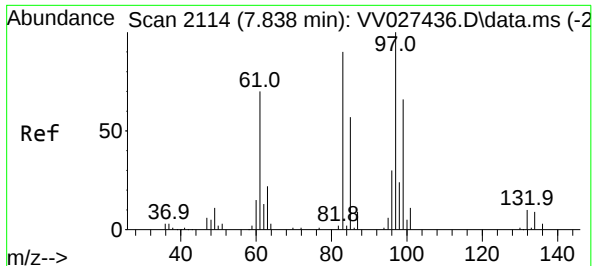
Tgt Ion: 75 Resp: 69397

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 4.981 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005215

Tgt Ion: 97 Resp: 43749

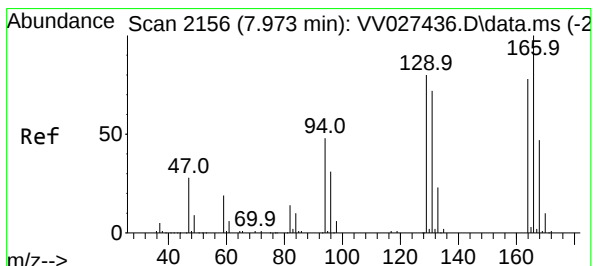
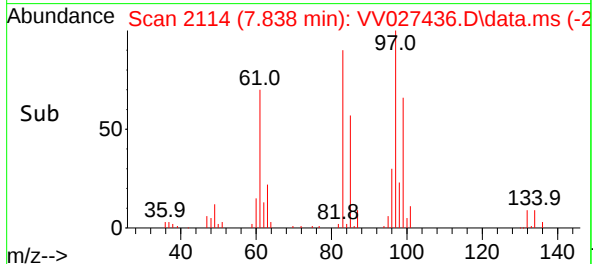
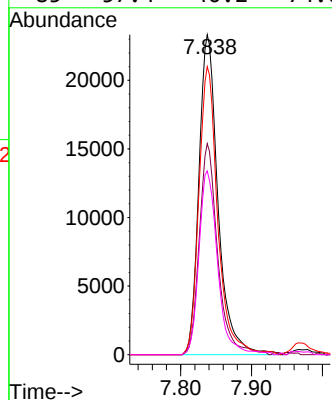
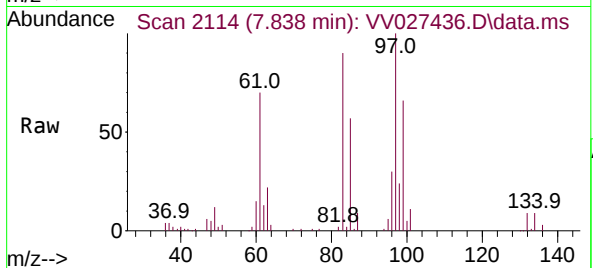
Ion Ratio Lower Upper

97 100

99 65.9 46.1 85.7

83 90.0 63.0 117.0

85 57.4 40.2 74.6



#47

Tetrachloroethene

Concen: 5.270 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Tgt Ion: 164 Resp: 52249

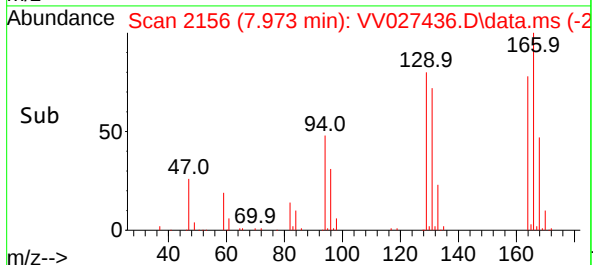
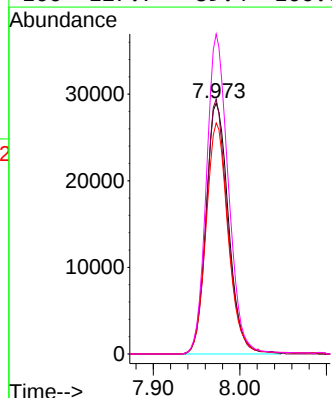
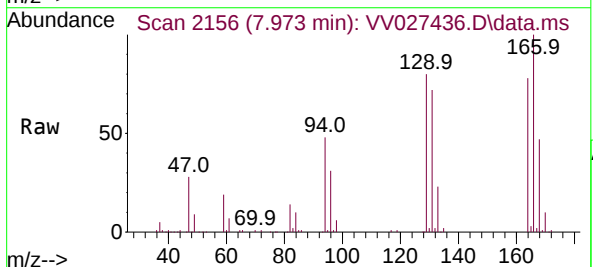
Ion Ratio Lower Upper

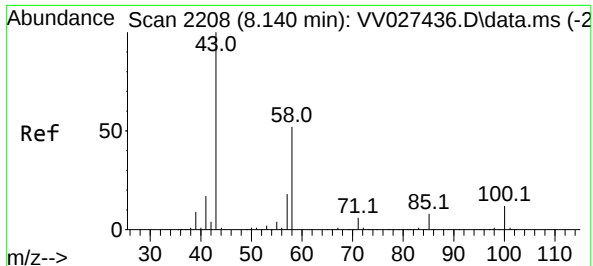
164 100

129 101.6 71.1 132.1

131 92.2 64.5 119.9

166 127.7 89.4 166.0

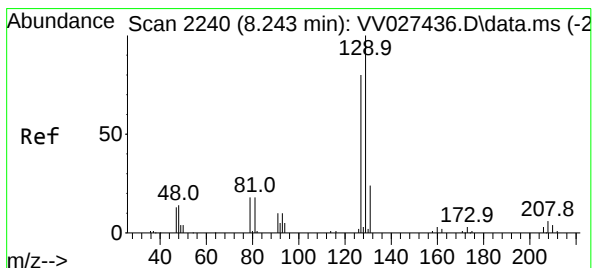
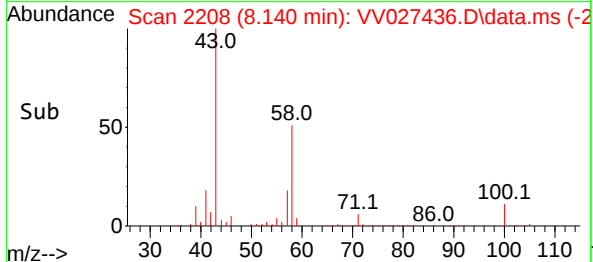
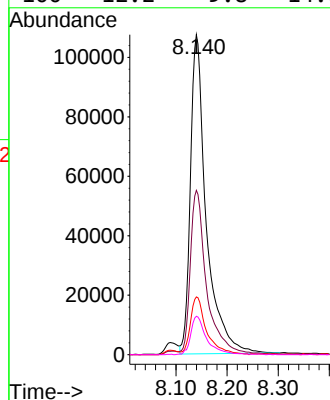
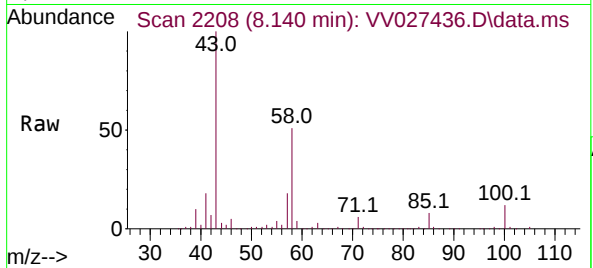




#48
2-Hexanone
Concen: 50.819 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

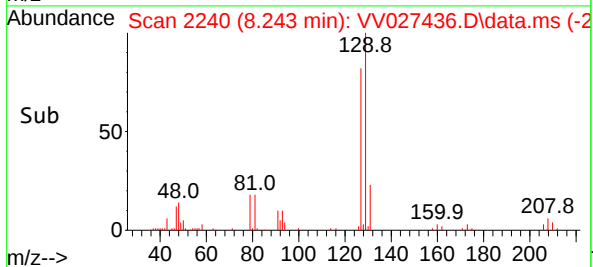
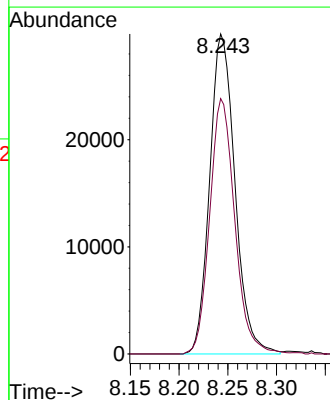
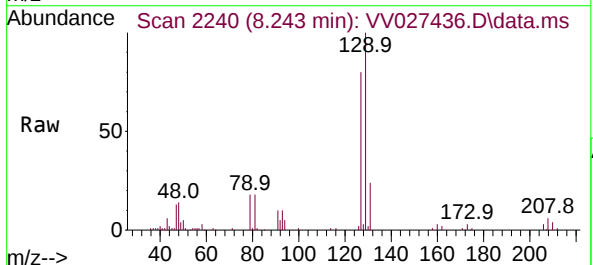
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

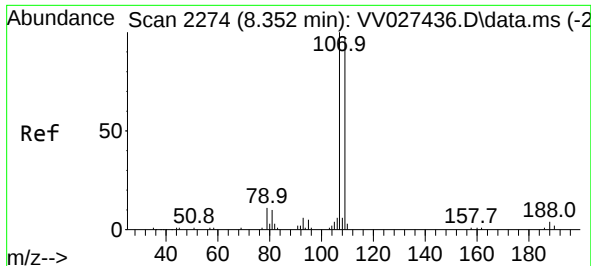
Tgt Ion: 43 Resp: 230969
Ion Ratio Lower Upper
43 100
58 51.6 41.3 61.9
57 18.6 14.9 22.3
100 12.2 9.8 14.6



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 129 Resp: 53920
Ion Ratio Lower Upper
129 100
127 79.8 55.9 103.7





#50

1,2-Dibromoethane

Concen: 4.952 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005215

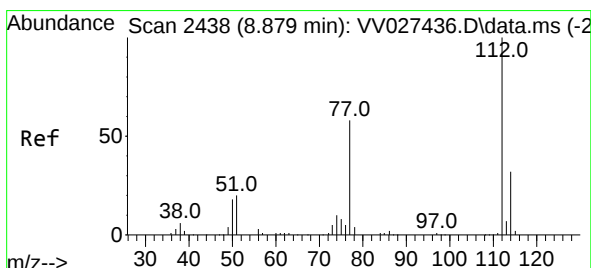
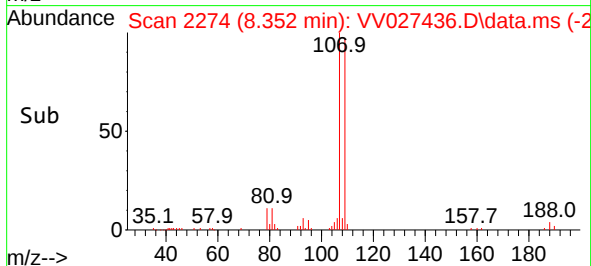
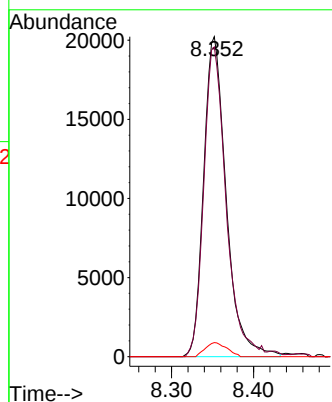
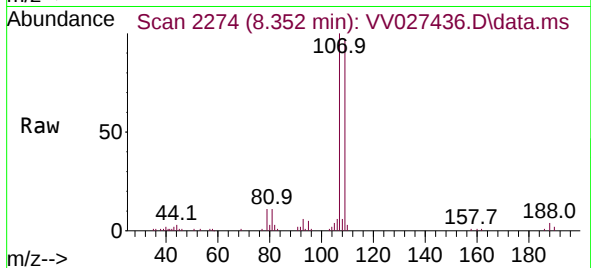
Tgt Ion:107 Resp: 38600

Ion Ratio Lower Upper

107 100

109 96.8 67.8 125.8

188 4.4 3.5 5.3



#51

Chlorobenzene

Concen: 5.211 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

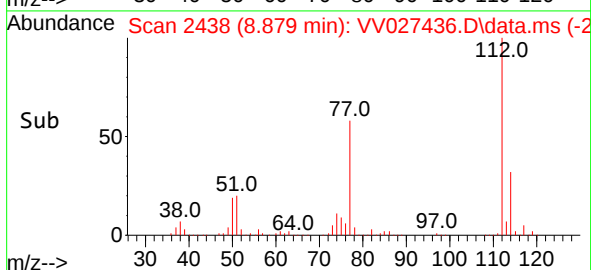
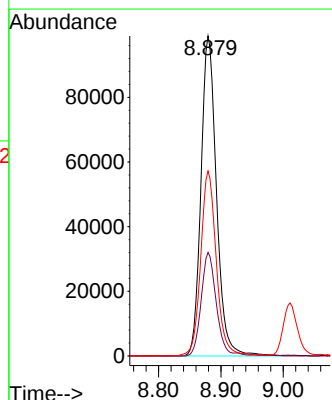
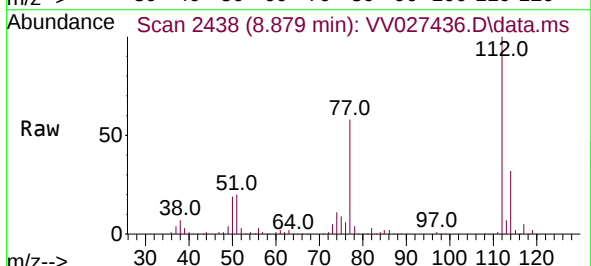
Tgt Ion:112 Resp: 171266

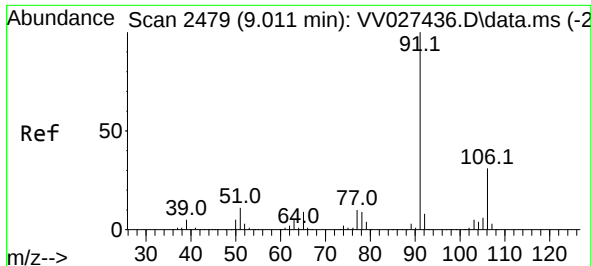
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 57.8 46.2 69.4





#52

Ethylbenzene

Concen: 5.240 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

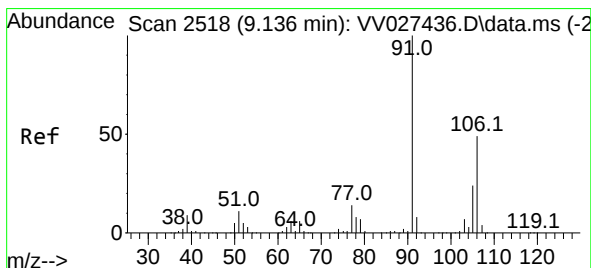
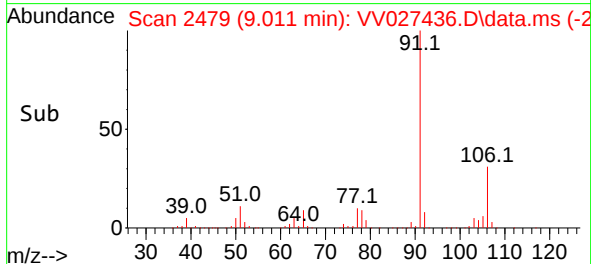
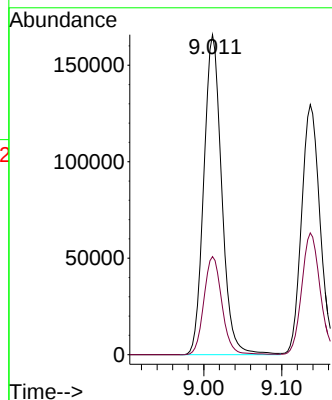
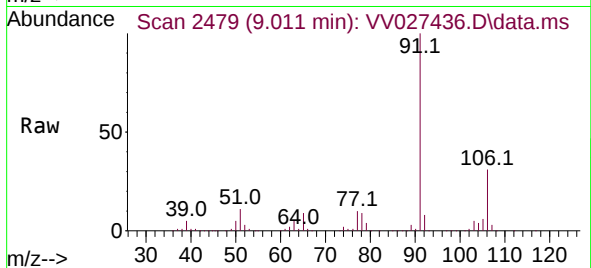
VSTD005215

Tgt Ion: 91 Resp: 264441

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 5.410 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027436.D

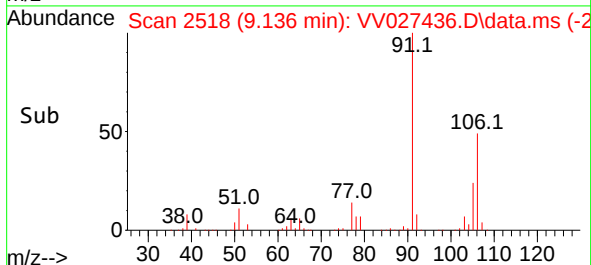
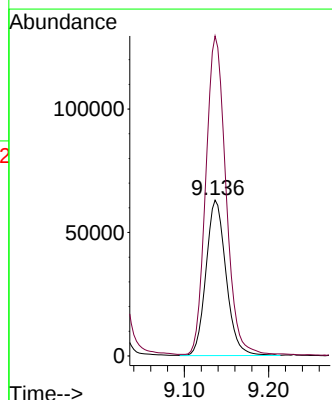
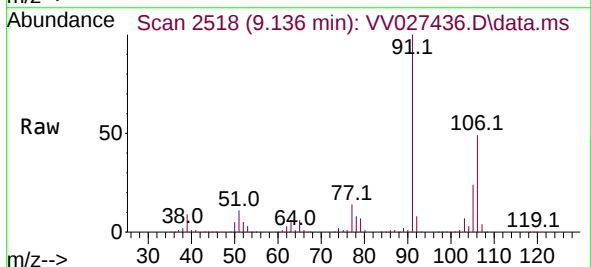
Acq: 19 Aug 2022 10:38

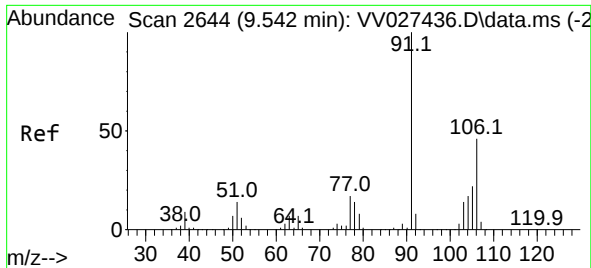
Tgt Ion: 106 Resp: 104291

Ion Ratio Lower Upper

106 100

91 205.4 143.8 267.0

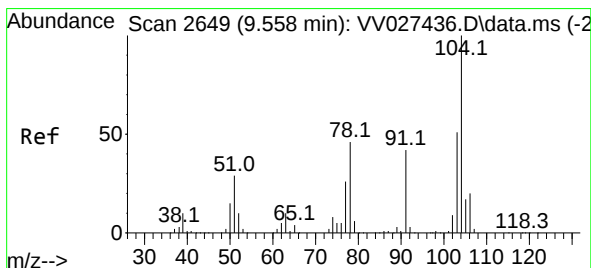
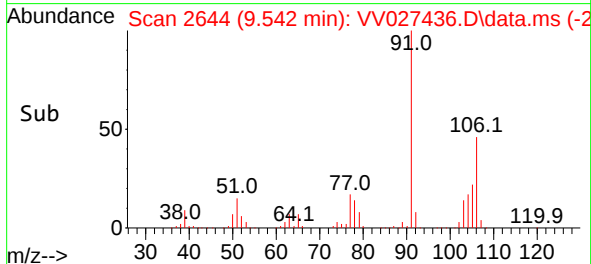
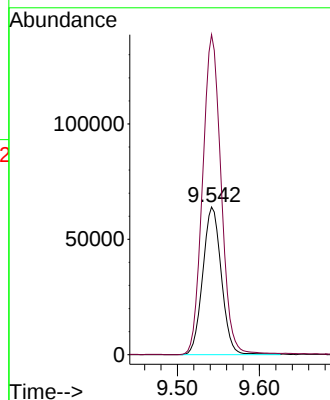
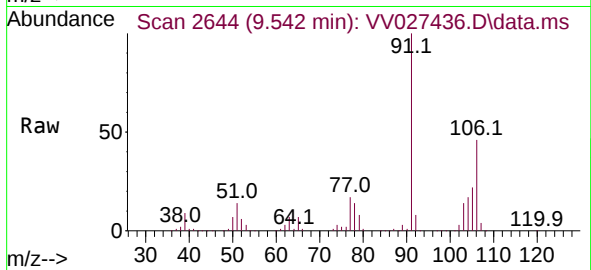




#54
o-Xylene
Concen: 5.344 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

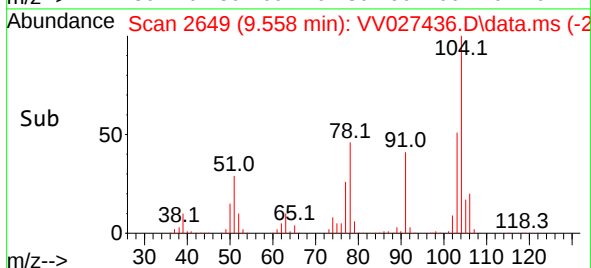
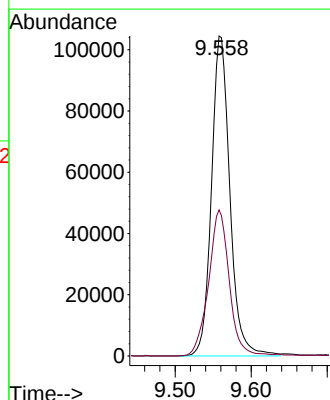
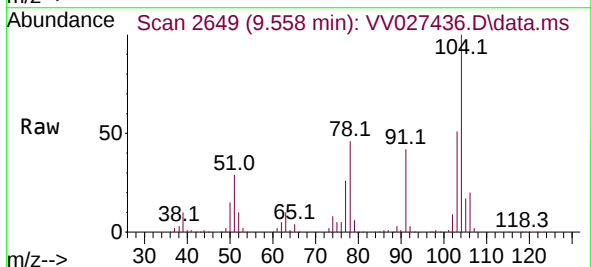
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

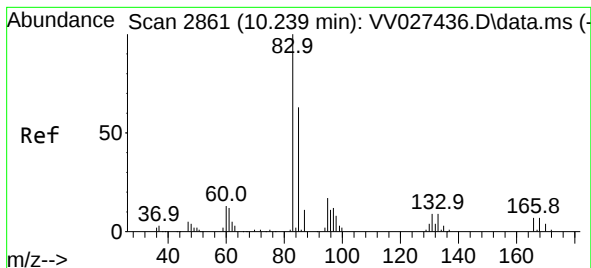
Tgt Ion:106 Resp: 101018
Ion Ratio Lower Upper
106 100
91 216.6 151.6 281.6



#55
Styrene
Concen: 5.443 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion:104 Resp: 175795
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4

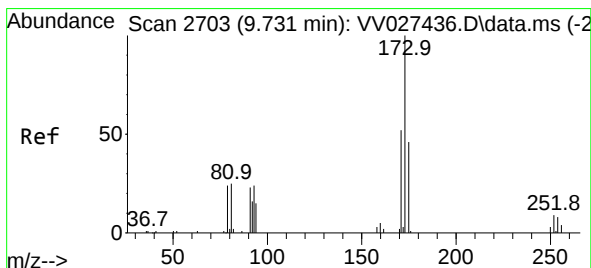
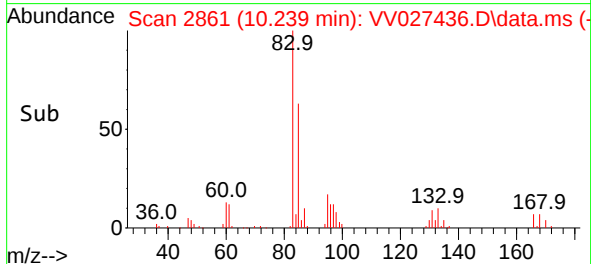
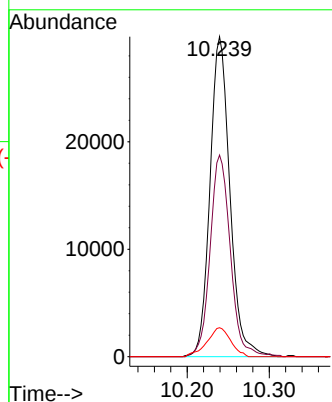
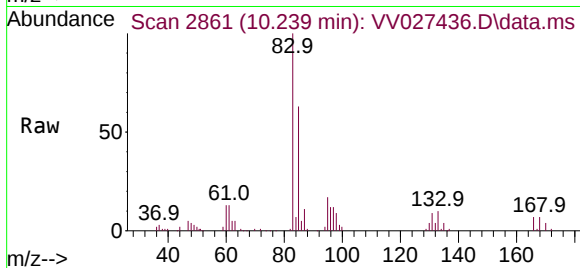




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.101 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

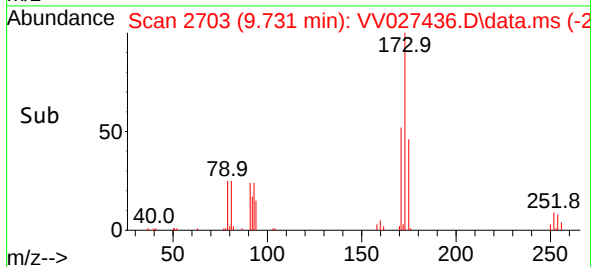
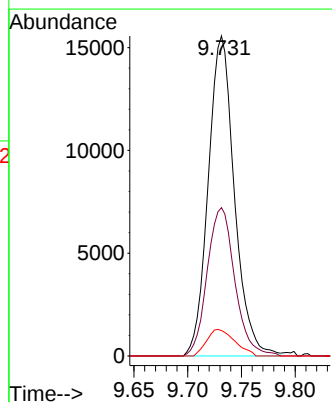
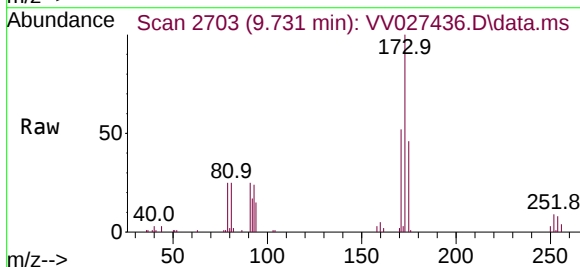
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

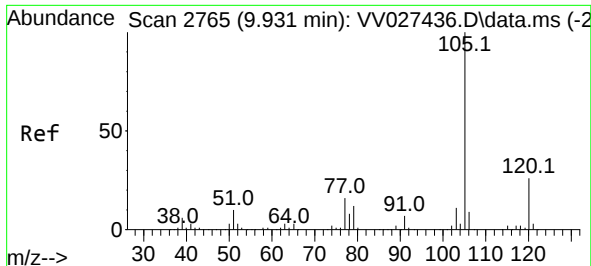
Tgt Ion: 83 Resp: 50112
 Ion Ratio Lower Upper
 83 100
 85 63.0 44.1 81.9
 131 9.1 7.3 10.9



#59
 Bromoform
 Concen: 4.939 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion: 173 Resp: 26324
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.6
 254 8.9 7.1 10.7

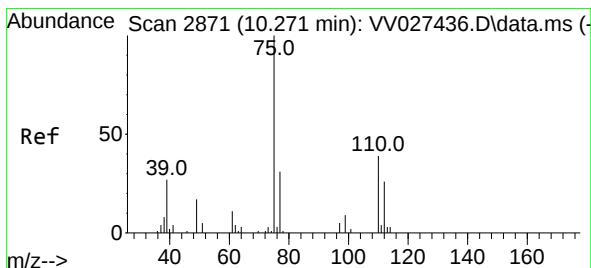
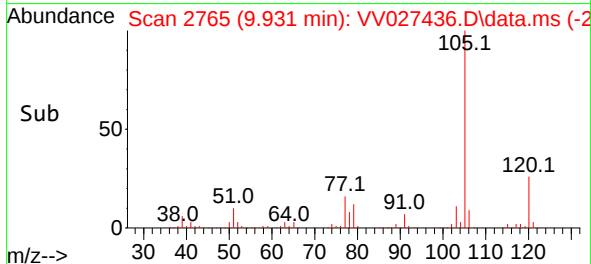
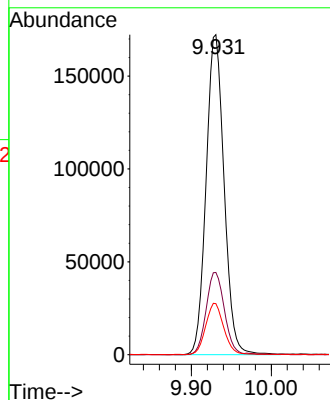
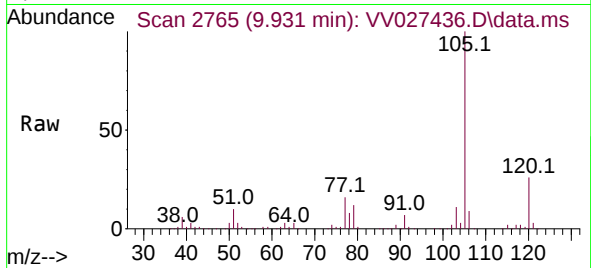




#60
Isopropylbenzene
Concen: 5.370 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

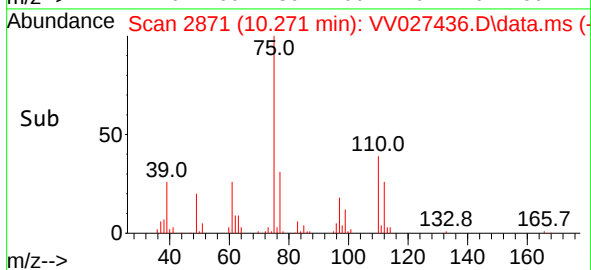
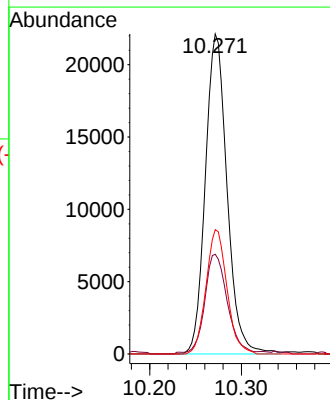
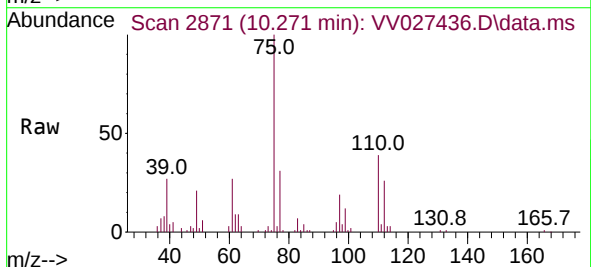
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

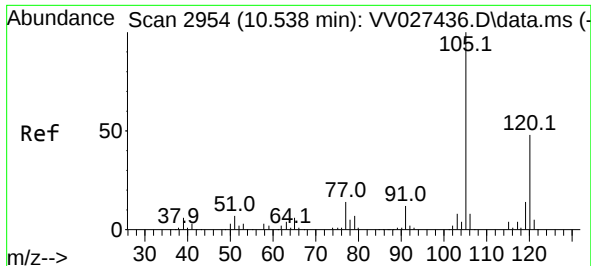
Tgt Ion:105 Resp: 269459
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.807 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 75 Resp: 36374
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 37.4 29.9 44.9

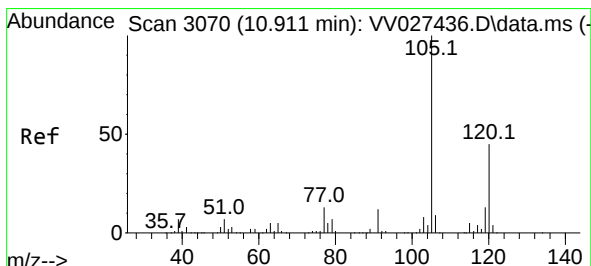
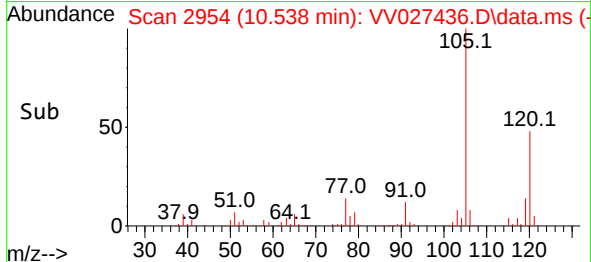
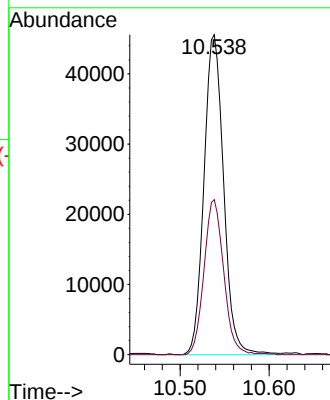
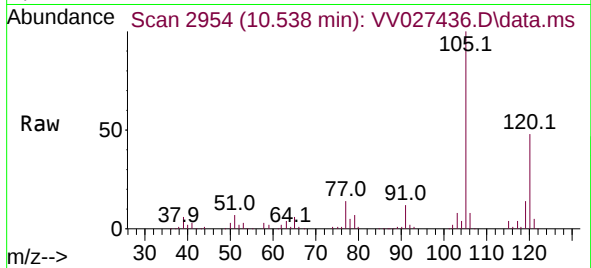




#62
 1,3,5-Trimethylbenzene
 Concen: 5.044 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

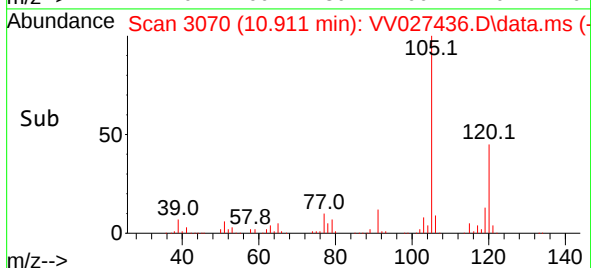
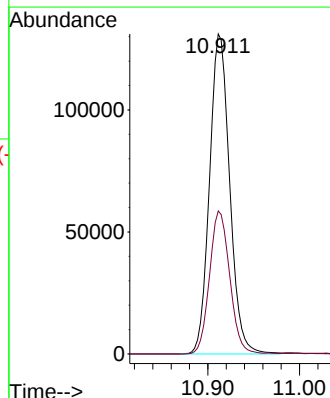
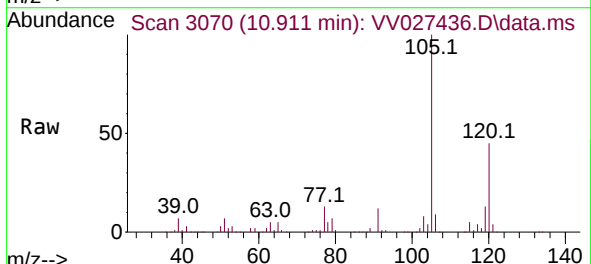
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

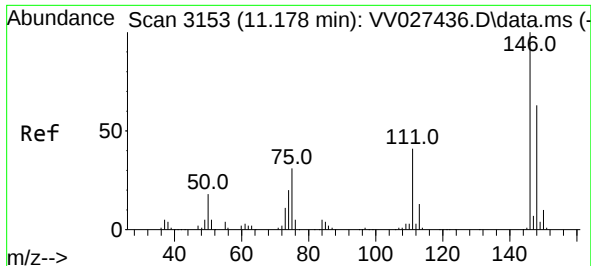
Tgt Ion:105 Resp: 69865
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.058 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion:105 Resp: 200266
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.8 53.6

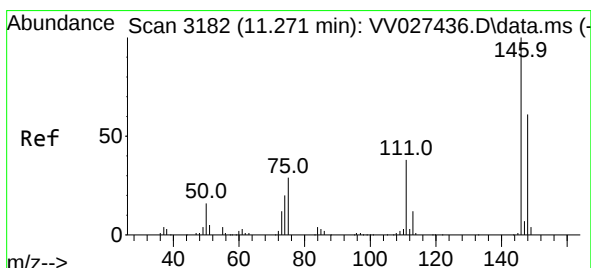
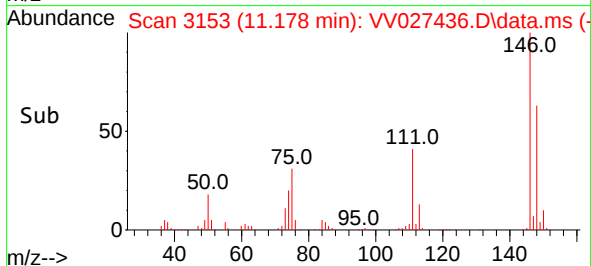
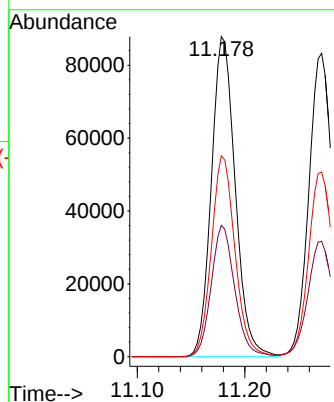
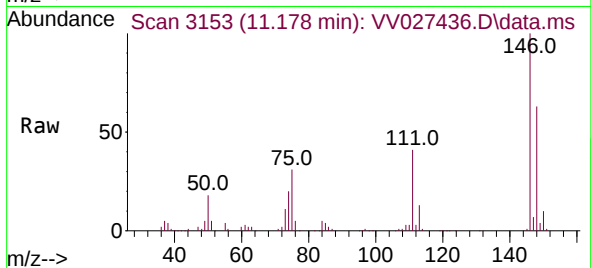




#64
 1,3-Dichlorobenzene
 Concen: 5.379 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

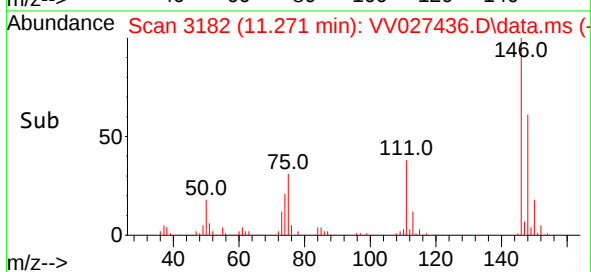
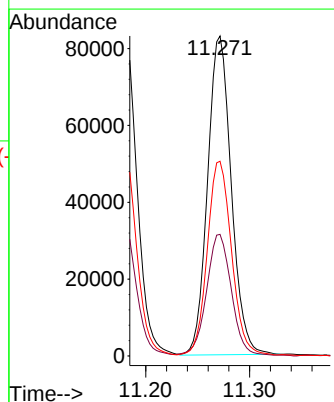
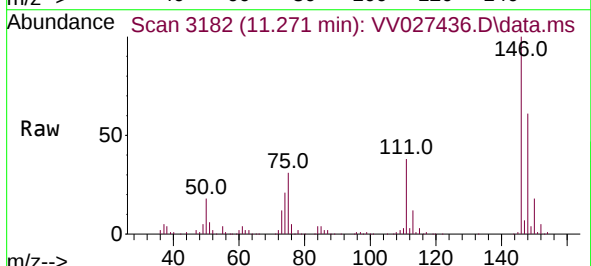
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

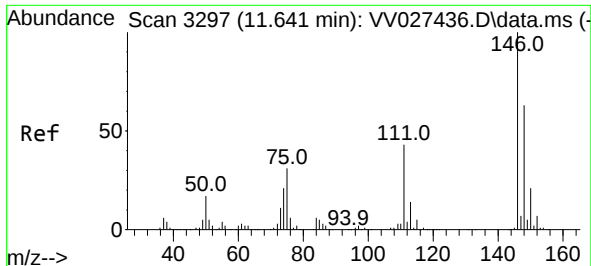
Tgt Ion:146 Resp: 135536
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.8 53.4
 148 62.8 44.0 81.6



#65
 1,4-Dichlorobenzene
 Concen: 5.228 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027436.D
 Acq: 19 Aug 2022 10:38

Tgt Ion:146 Resp: 131253
 Ion Ratio Lower Upper
 146 100
 111 38.0 26.6 49.4
 148 60.8 42.6 79.0

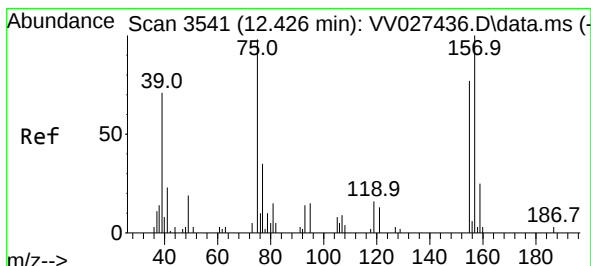
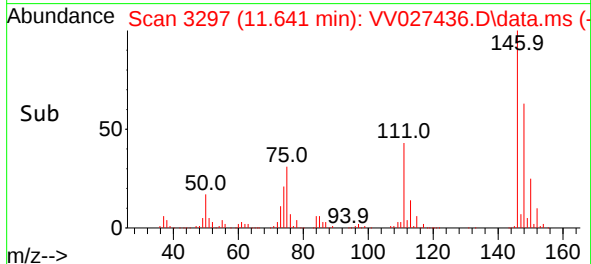
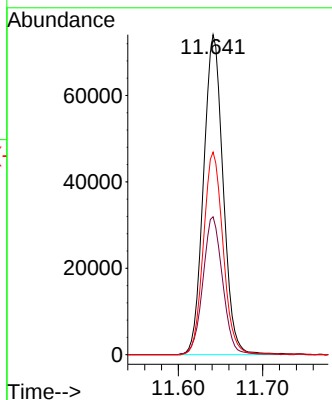
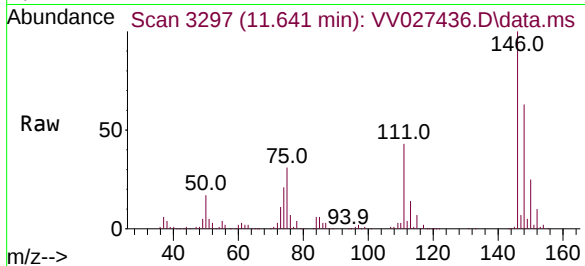




#67
1,2-Dichlorobenzene
Concen: 5.178 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

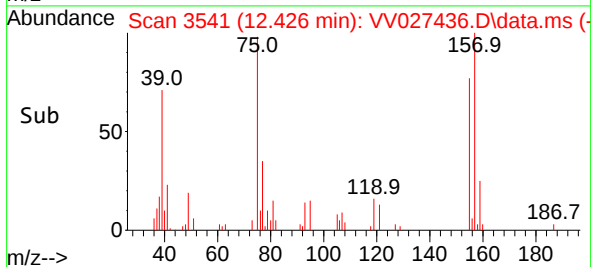
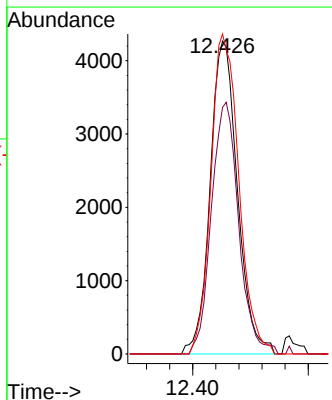
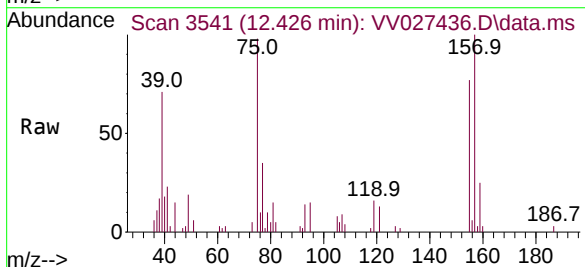
Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

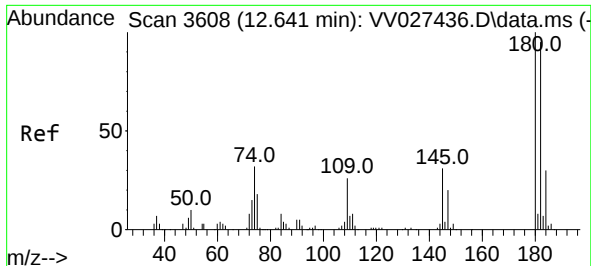
Tgt Ion:146 Resp: 119969
Ion Ratio Lower Upper
146 100
111 43.1 34.5 51.7
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.488 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
155 78.9 63.1 94.7
157 102.3 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 5.267 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005215

Tgt Ion:180 Resp: 95785

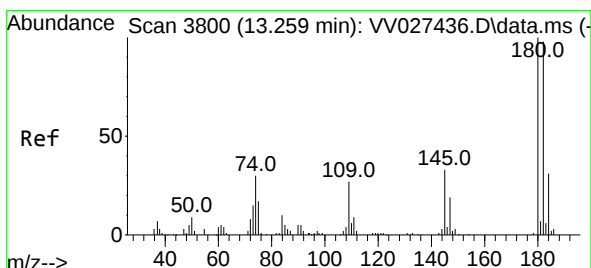
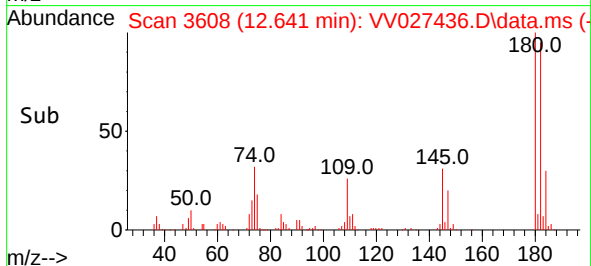
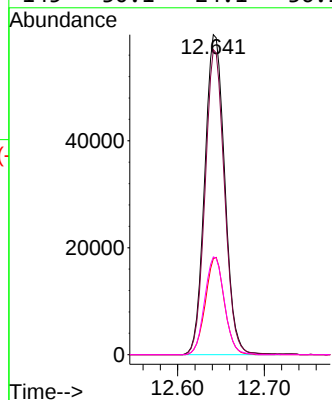
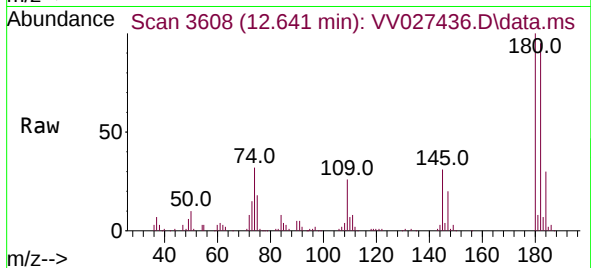
Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

184 29.0 23.2 34.8

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.017 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027436.D

Acq: 19 Aug 2022 10:38

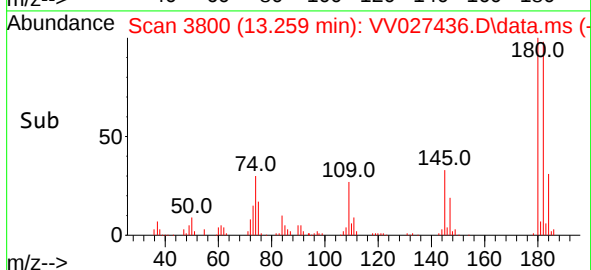
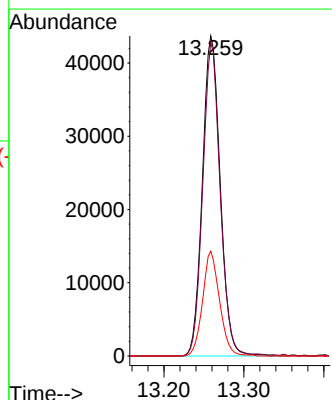
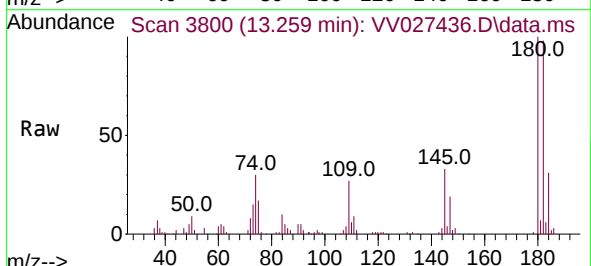
Tgt Ion:180 Resp: 67978

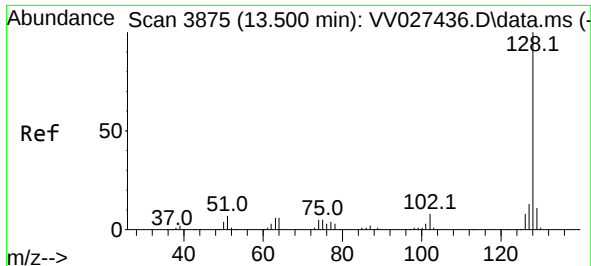
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.1 24.9 37.3

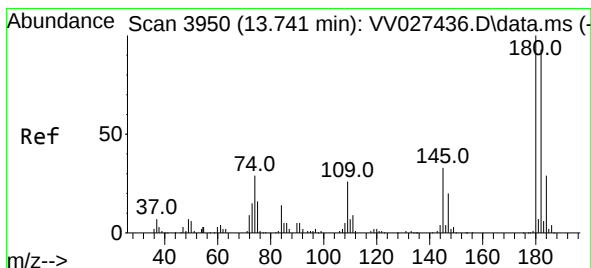
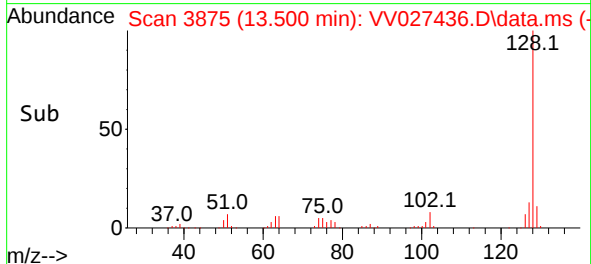
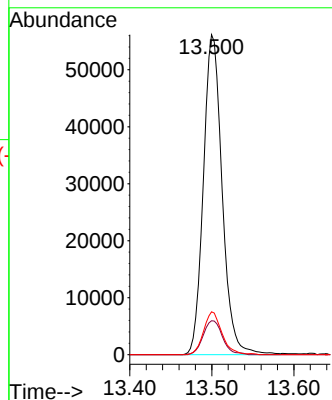
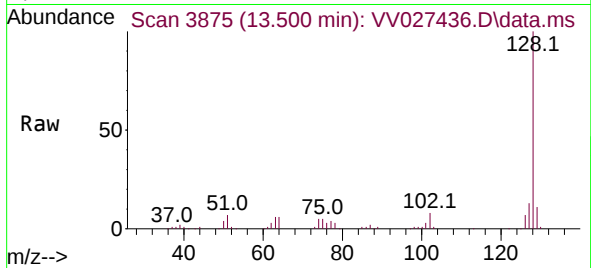




#71
Naphthalene
Concen: 4.363 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005215

Tgt Ion:128 Resp: 89289
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.906 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027436.D
Acq: 19 Aug 2022 10:38

Tgt Ion:180 Resp: 61231
Ion Ratio Lower Upper
180 100
182 94.1 75.3 112.9
145 33.2 26.6 39.8

