

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027205.D
 Acq On : 04 Aug 2022 11:20
 Operator : SY/MD
 Sample : VSTD005252
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005252

Quant Time: Aug 05 02:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306282	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	305726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10688	5.118	ug/L	0.00
7) Chloroethane-d5	1.561	69	8784	5.754	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	20310	5.317	ug/L	0.00
21) 2-Butanone-d5	4.124	46	71	0.038	ug/L	0.25
24) Chloroform-d	4.346	84	22270	5.206	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12773	4.810	ug/L	0.00
32) Benzene-d6	5.050	84	34566	4.715	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	12833	4.921	ug/L	0.00
41) Toluene-d8	7.317	98	26645	4.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4670	4.108	ug/L	0.01
47) 2-Hexanone-d5	8.098	63	8847	7.043	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21901	5.153	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11968	5.151	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	14292	5.245	ug/L	98
3) Chloromethane	1.236	50	15908	5.111	ug/L	99
5) Vinyl chloride	1.307	62	16425	5.297	ug/L	95
6) Bromomethane	1.516	94	8122	5.556	ug/L	99
8) Chloroethane	1.580	64	9431	5.459	ug/L	96
9) Trichlorofluoromethane	1.748	101	21162	5.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12149	5.507	ug/L	99
12) 1,1-Dichloroethene	2.114	96	11234	5.293	ug/L	89
13) Acetone	2.169	43	15211	10.613	ug/L	82
14) Carbon disulfide	2.288	76	36387	5.038	ug/L	96
15) Methyl Acetate	2.433	43	16436	4.964	ug/L #	79
16) Methylene chloride	2.503	84	15623	5.511	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	11680	4.973	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	30910	4.426	ug/L #	87
19) 1,1-Dichloroethane	3.185	63	24184	5.130	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	10931	4.481	ug/L	98
22) 2-Butanone	3.986	43	13426	6.833	ug/L #	74
23) Bromochloromethane	4.249	128	6643	4.876	ug/L #	83
25) Chloroform	4.371	83	24831	5.212	ug/L	97
27) 1,2-Dichloroethane	5.133	62	18774	5.059	ug/L #	92
29) Cyclohexane	4.670	56	14350	4.076	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	20131	4.968	ug/L	95
31) Carbon tetrachloride	4.821	117	17962	5.106	ug/L	99
33) Benzene	5.098	78	43694	4.447	ug/L	100
34) Trichloroethene	5.915	95	11889	4.726	ug/L	91
35) Methylcyclohexane	6.130	83	15148	4.095	ug/L #	87
37) 1,2-Dichloropropane	6.175	63	12278	4.461	ug/L	99
38) Bromodichloromethane	6.510	83	17976	4.985	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	15281	4.191	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	29978	7.635	ug/L #	88
42) Toluene	7.387	91	40763	4.081	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	14295	3.990	ug/L	96

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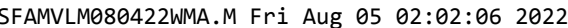
Quant Time: Aug 05 02:01:54 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
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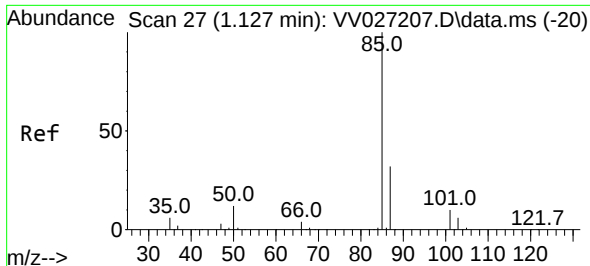
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	13028	4.911	ug/L	92
46) Tetrachloroethene	7.976	164	9274	5.037	ug/L	95
48) 2-Hexanone	8.146	43	22805	7.292	ug/L #	82
49) Dibromochloromethane	8.246	129	13745	4.902	ug/L	98
50) 1,2-Dibromoethane	8.355	107	12634	4.629	ug/L	94
51) Chlorobenzene	8.882	112	32259	4.815	ug/L	99
52) Ethylbenzene	9.014	91	41865	4.062	ug/L	97
53) m,p-Xylene	9.140	106	14797	3.799	ug/L	91
54) o-Xylene	9.545	106	14640	3.858	ug/L	98
55) Styrene	9.561	104	23839	3.566	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	22120	4.977	ug/L	96
59) Bromoform	9.731	173	8222	5.143	ug/L #	95
60) Isopropylbenzene	9.931	105	36931	4.356	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	16947	5.487	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	28989	4.140	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	26942	3.928	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	19800	4.818	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	21762	5.032	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	21533	5.001	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4256	4.911	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	12778	4.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9796	4.273	ug/L	98
71) Naphthalene	13.503	128	26498	3.376	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	10493	4.130	ug/L	96

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

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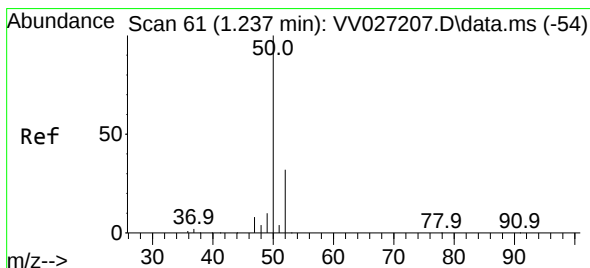
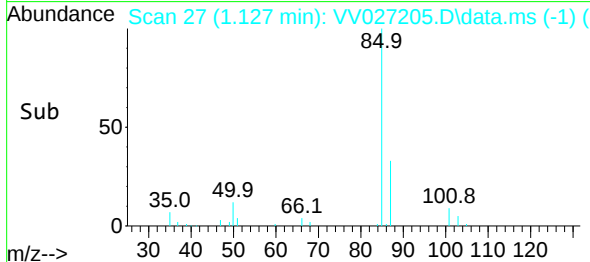
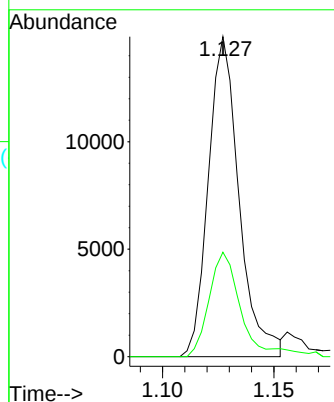
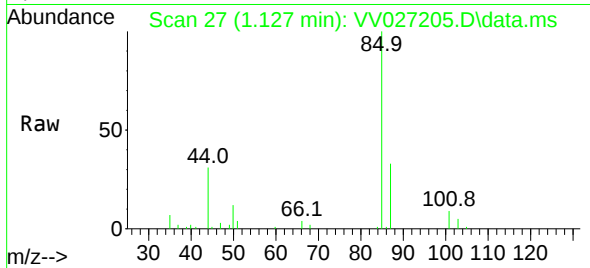




#2
 Dichlorodifluoromethane
 Concen: 5.245 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

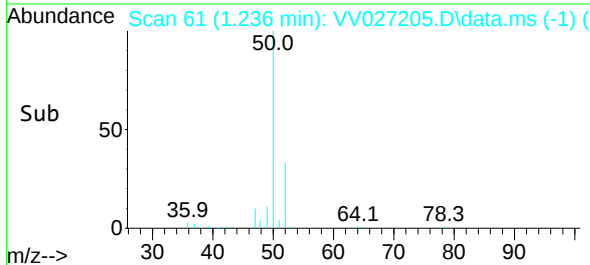
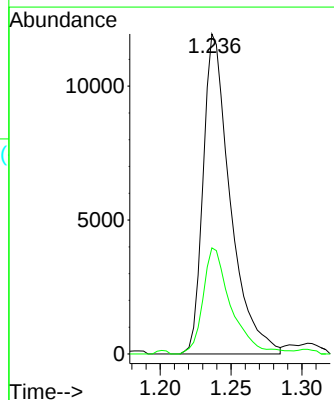
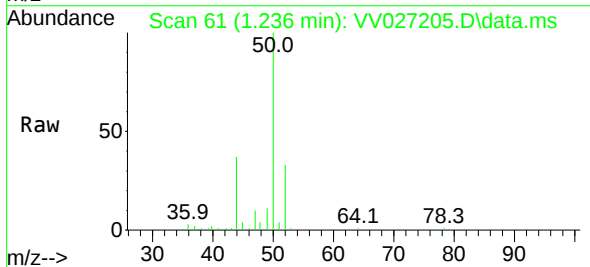
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005252

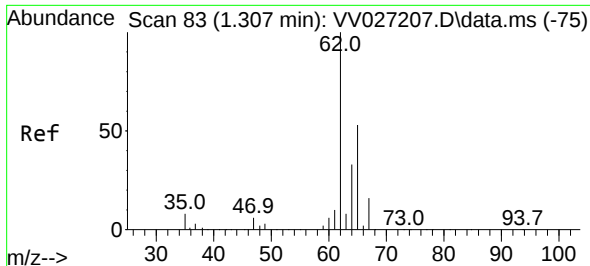
Tgt Ion: 85 Resp: 14292
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.1 39.1



#3
 Chloromethane
 Concen: 5.111 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

Tgt Ion: 50 Resp: 15908
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7

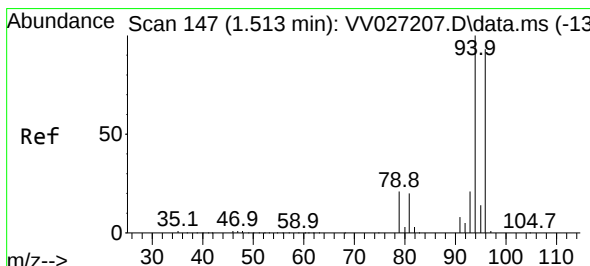
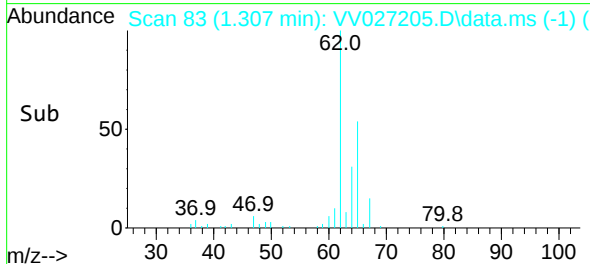
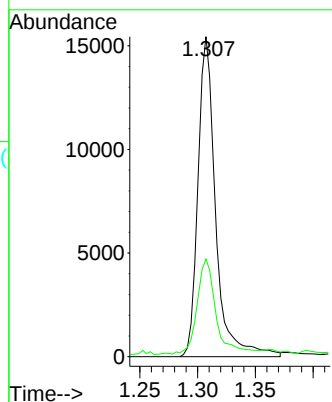
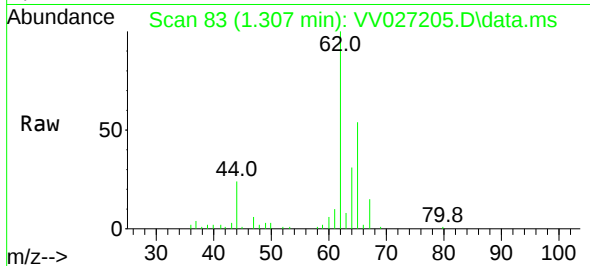




#5
 Vinyl chloride
 Concen: 5.297 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

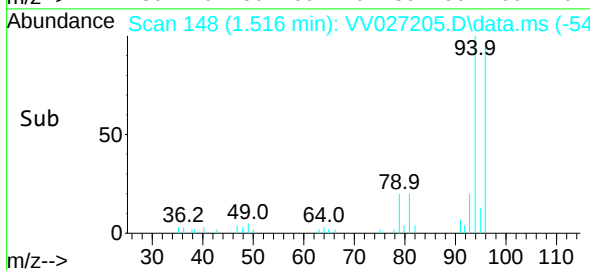
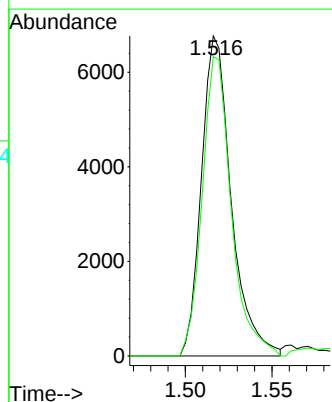
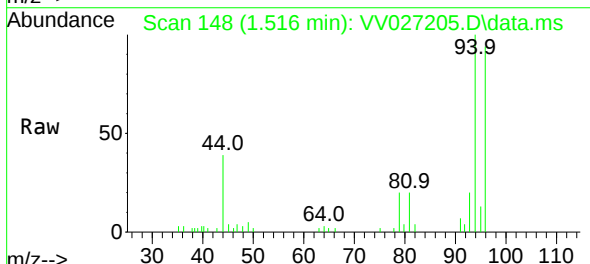
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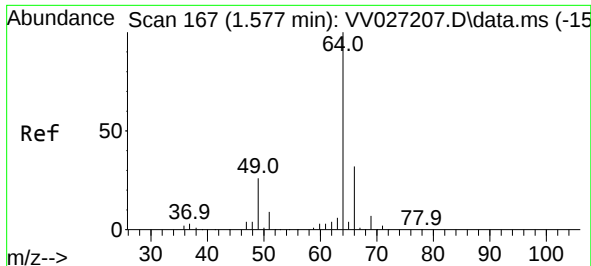
Tgt Ion: 62 Resp: 16425
 Ion Ratio Lower Upper
 62 100
 64 30.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.556 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

Tgt Ion: 94 Resp: 8122
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.1 122.8

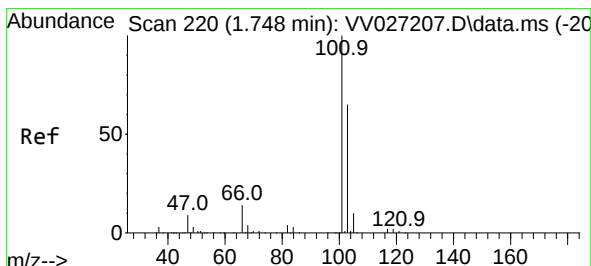
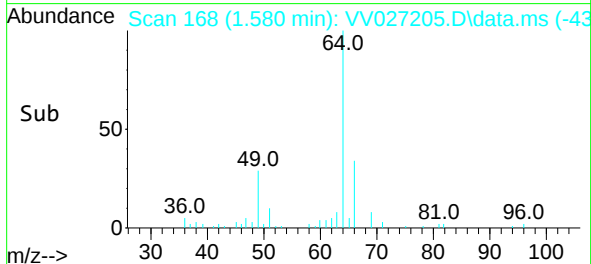
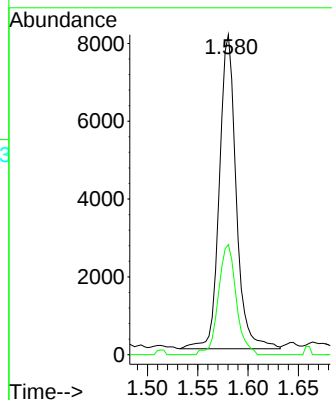
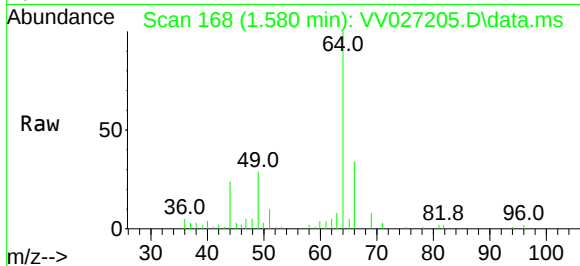




#8
Chloroethane
Concen: 5.459 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

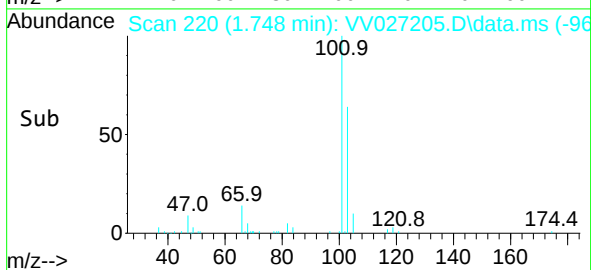
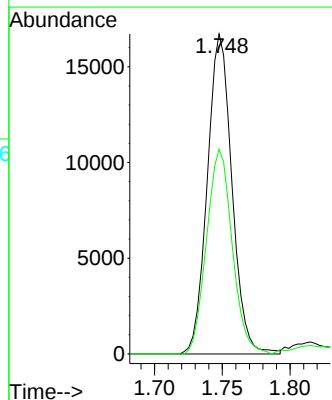
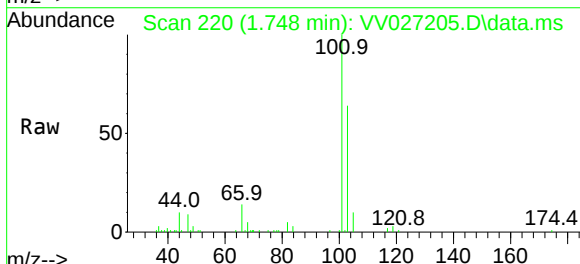
Instrument :
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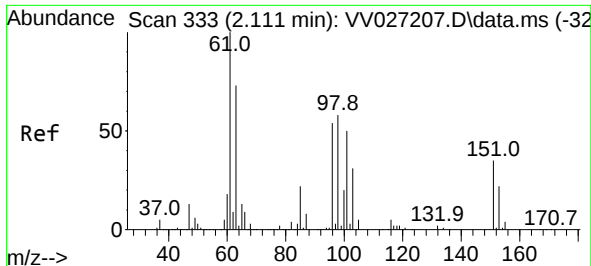
Tgt Ion: 64 Resp: 9431
Ion Ratio Lower Upper
64 100
66 34.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.319 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 101 Resp: 21162
Ion Ratio Lower Upper
101 100
103 66.5 52.4 78.6

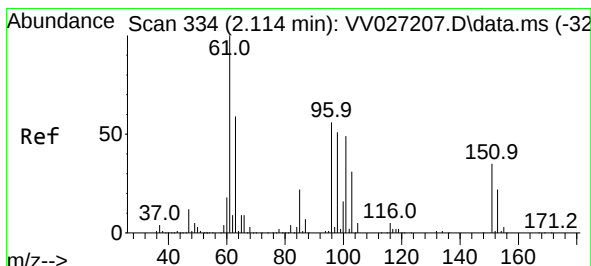
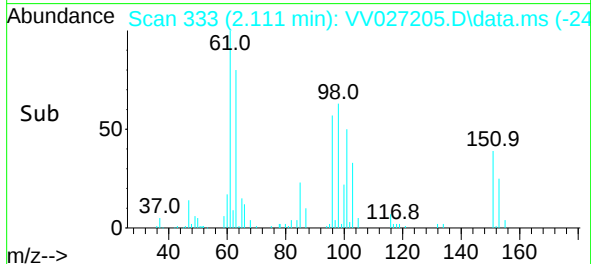
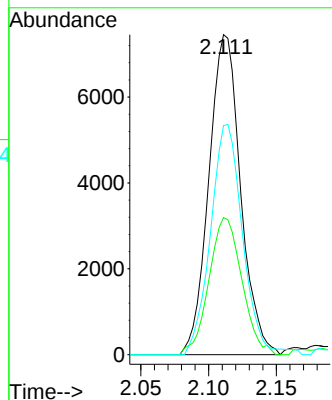
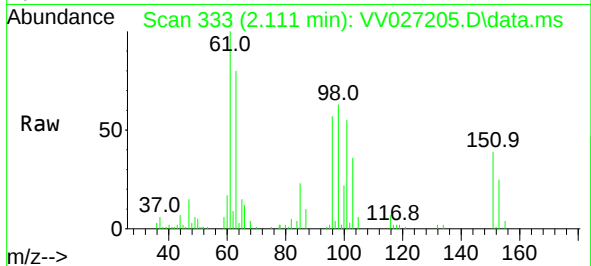




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.507 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

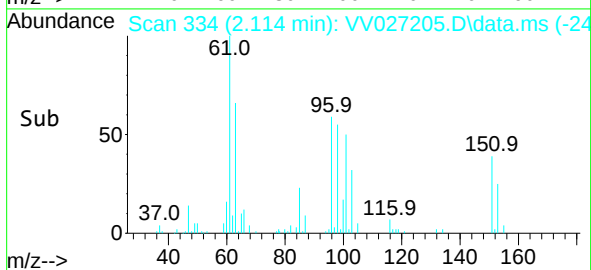
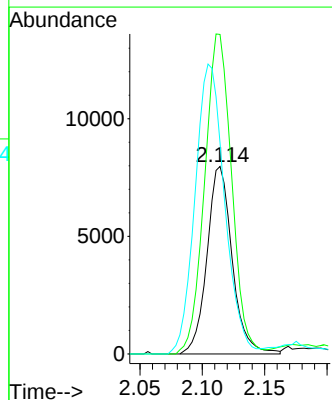
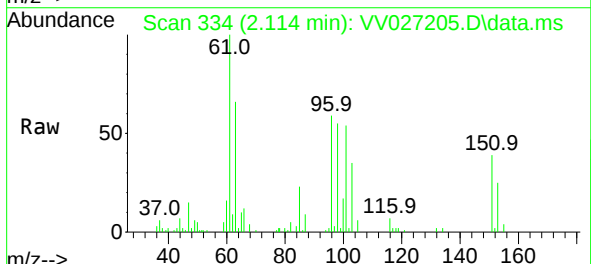
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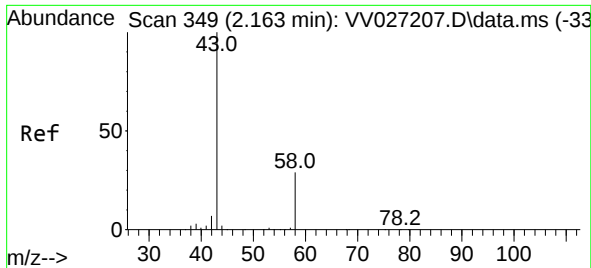
Tgt Ion:101 Resp: 12149
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.1 51.1
 151 71.7 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 5.293 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

Tgt Ion: 96 Resp: 11234
 Ion Ratio Lower Upper
 96 100
 61 170.4 114.3 212.3
 63 112.4 93.4 173.4





#13

Acetone

Concen: 10.613 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

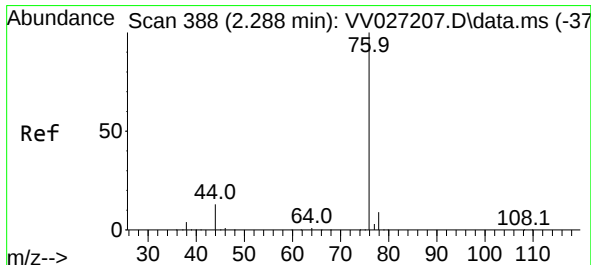
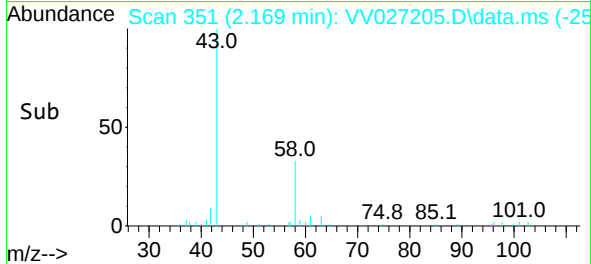
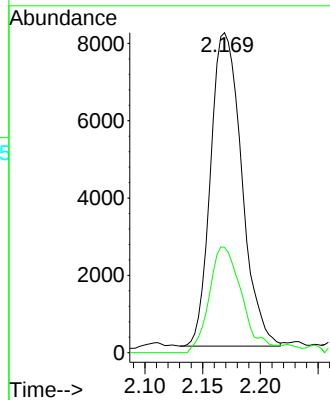
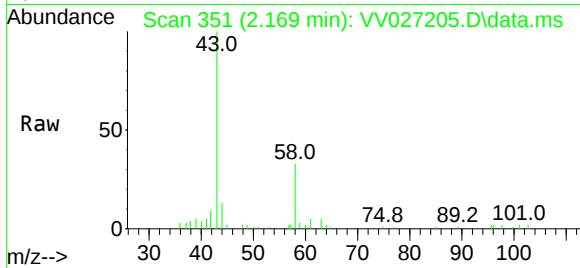
VSTD005252

Tgt Ion: 43 Resp: 15211

Ion Ratio Lower Upper

43 100

58 33.8 0.0 49.6



#14

Carbon disulfide

Concen: 5.038 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027205.D

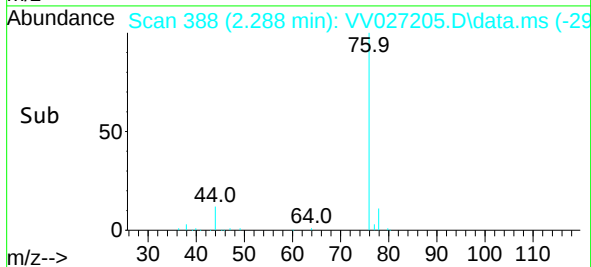
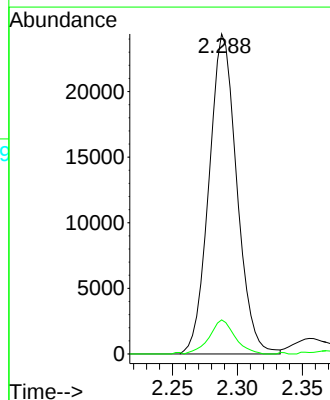
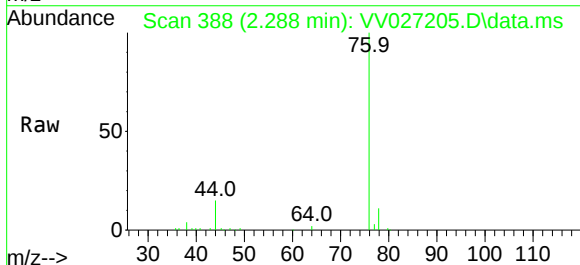
Acq: 04 Aug 2022 11:20

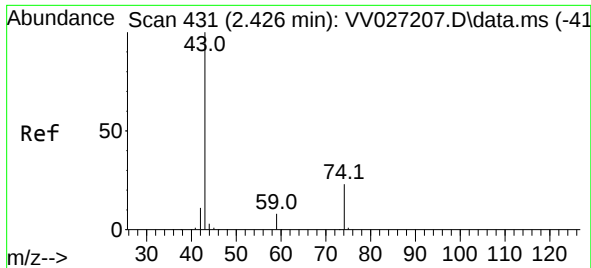
Tgt Ion: 76 Resp: 36387

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9

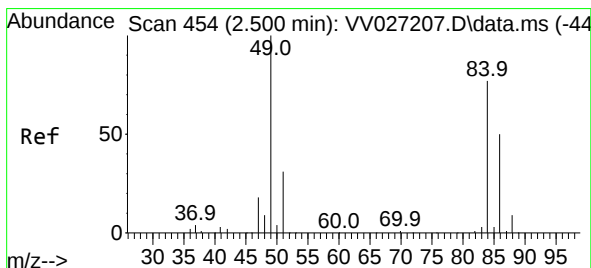
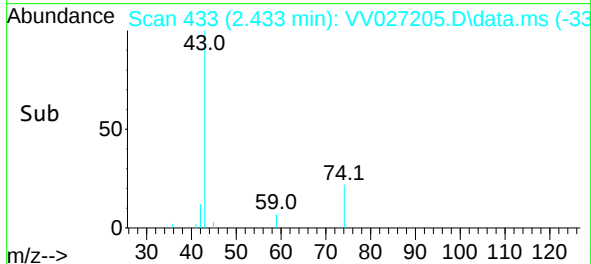
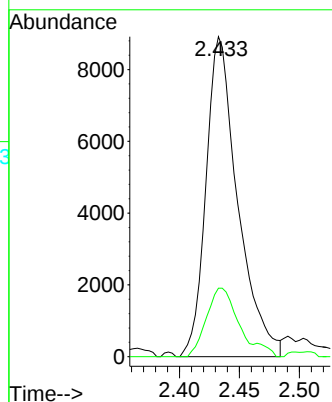
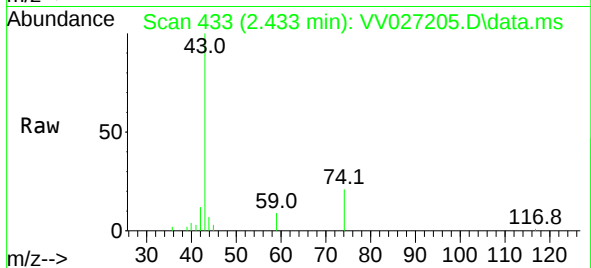




#15
Methyl Acetate
Concen: 4.964 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

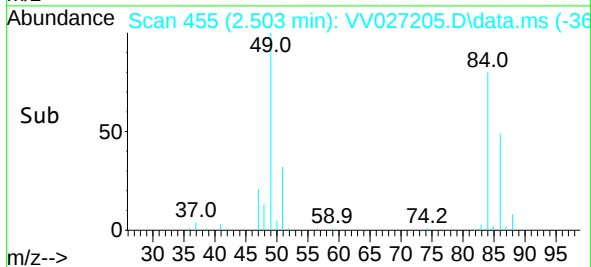
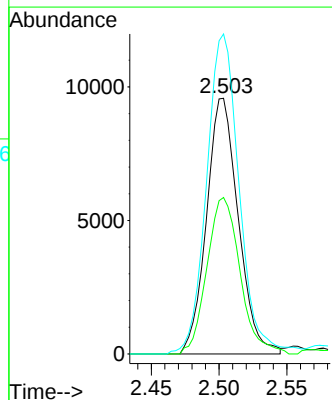
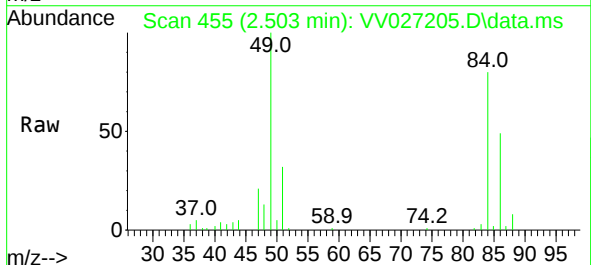
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

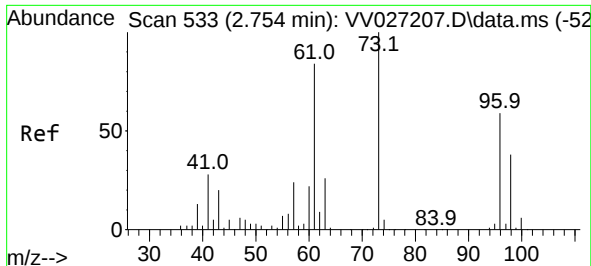
Tgt Ion: 43 Resp: 16436
Ion Ratio Lower Upper
43 100
74 20.5 25.5 38.3#



#16
Methylene chloride
Concen: 5.511 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 84 Resp: 15623
Ion Ratio Lower Upper
84 100
86 61.2 45.0 83.6
49 125.1 74.1 137.7

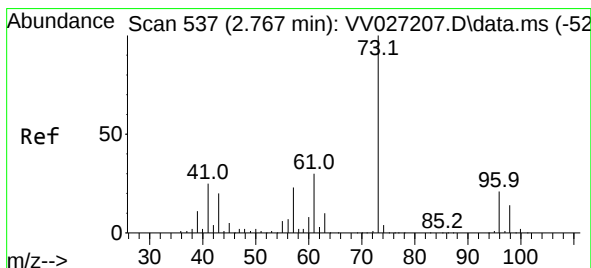
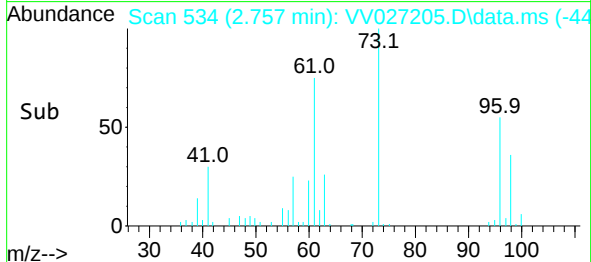
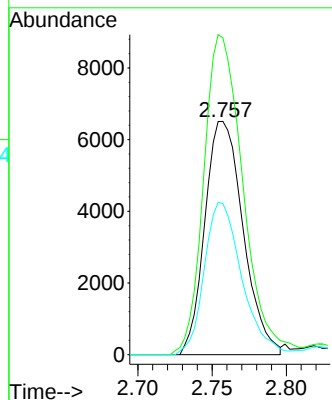
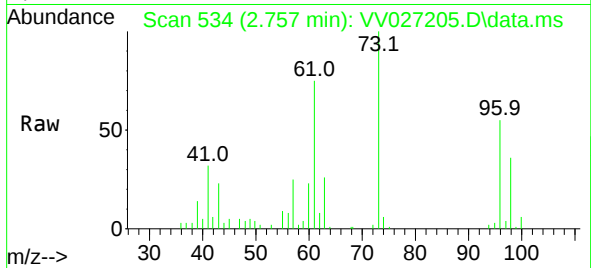




#17
trans-1,2-Dichloroethene
Concen: 4.973 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

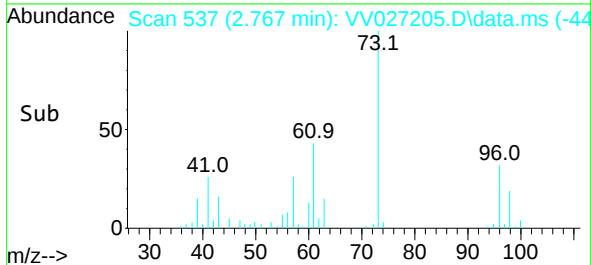
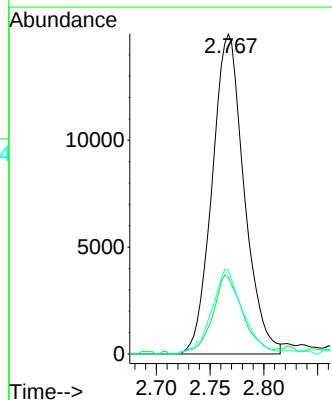
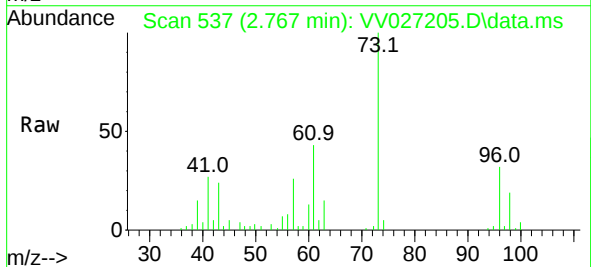
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

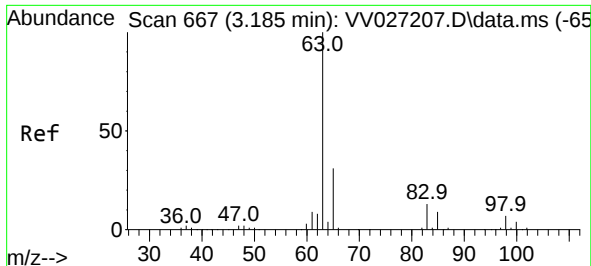
Tgt Ion: 96 Resp: 11680
Ion Ratio Lower Upper
96 100
61 135.8 89.2 165.6
98 64.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 4.426 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 73 Resp: 30910
Ion Ratio Lower Upper
73 100
43 23.4 12.6 18.8#
57 25.6 17.3 25.9

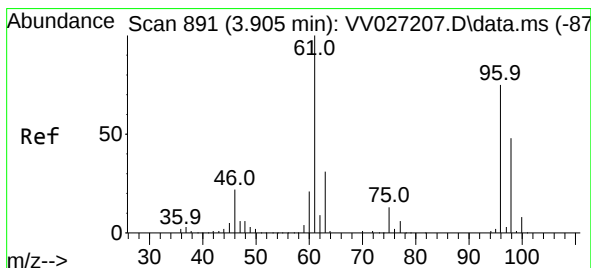
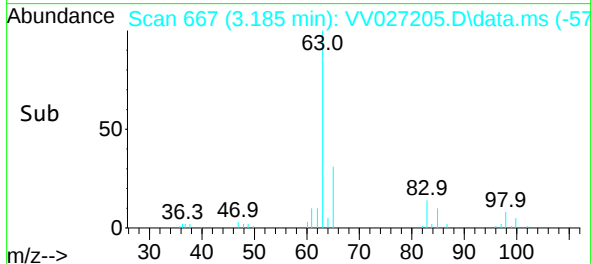
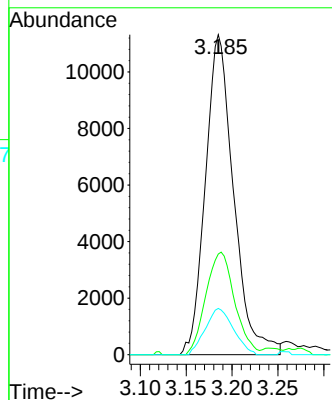
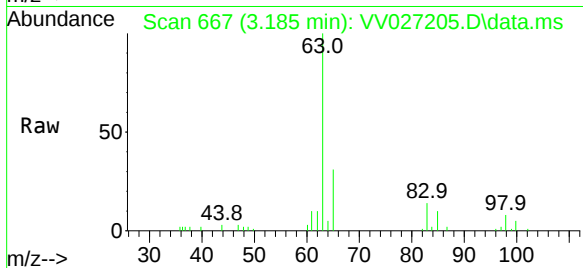




#19
1,1-Dichloroethane
Concen: 5.130 ug/L
RT: 3.185 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

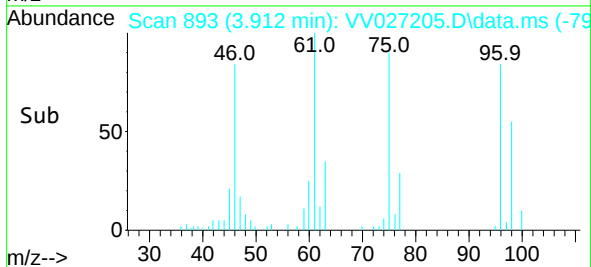
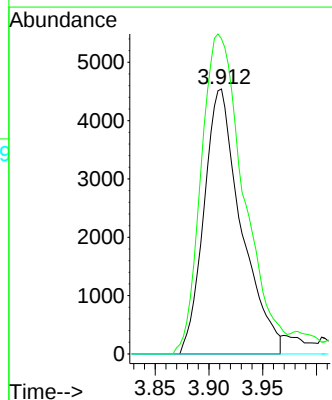
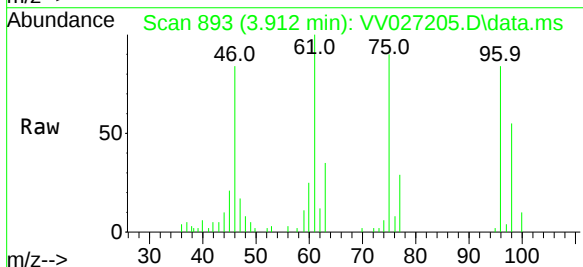
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

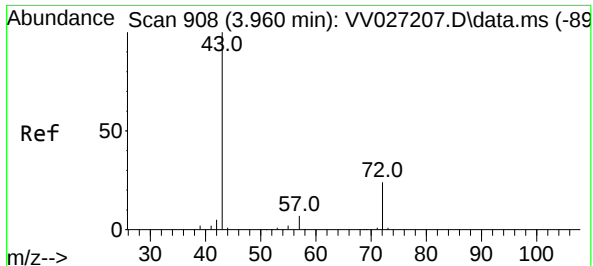
Tgt Ion: 63	Resp: 24184
Ion Ratio	Lower Upper
63 100	
65 31.4	22.7 42.3
83 14.5	9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 4.481 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 96	Resp: 10931
Ion Ratio	Lower Upper
96 100	
61 119.0	81.8 151.8
68 0.0	0.0 0.0

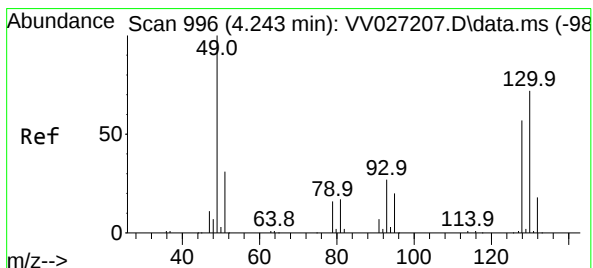
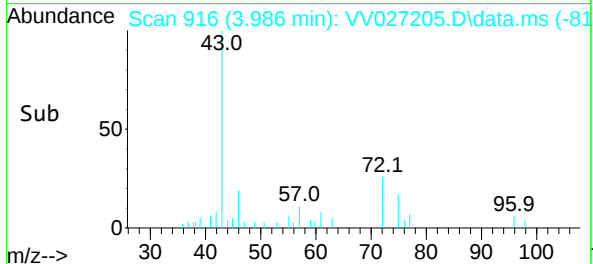
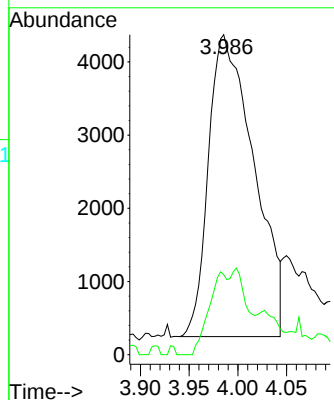
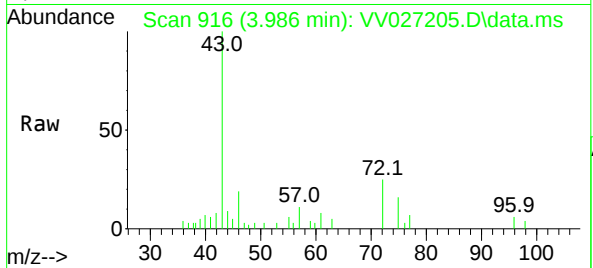




#22
2-Butanone
Concen: 6.833 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.026 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

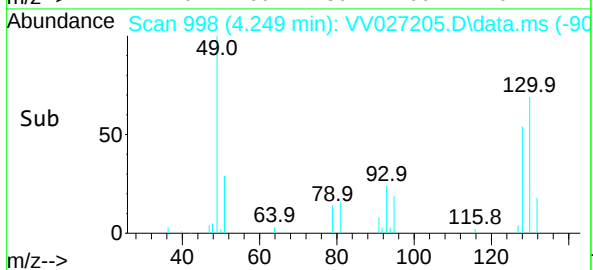
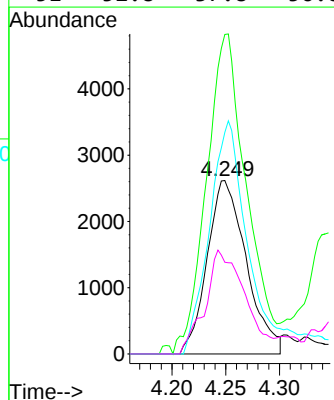
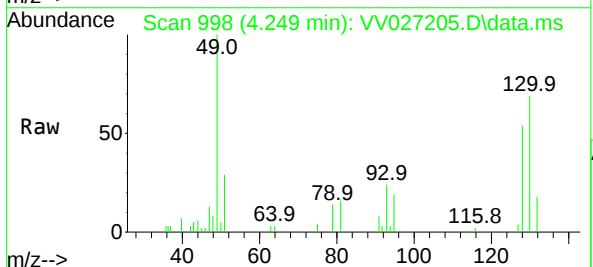
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

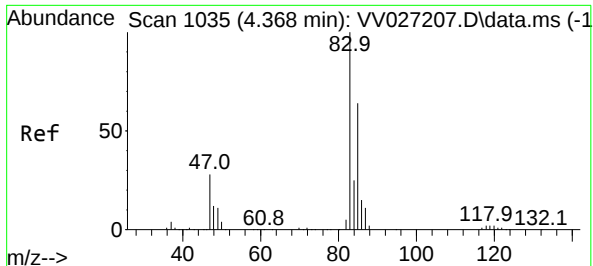
Tgt Ion: 43 Resp: 13426
Ion Ratio Lower Upper
43 100
72 11.0 11.9 35.7#



#23
Bromochloromethane
Concen: 4.876 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 128 Resp: 6643
Ion Ratio Lower Upper
128 100
49 184.2 98.7 183.3#
130 127.8 89.5 166.1
51 52.8 37.8 56.8





#25

Chloroform

Concen: 5.212 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

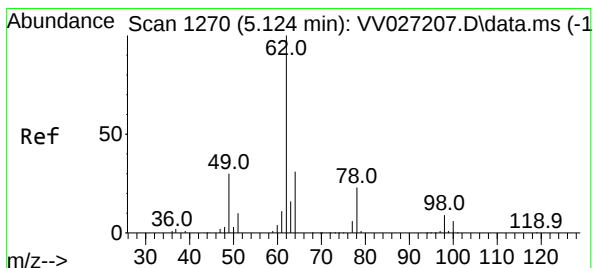
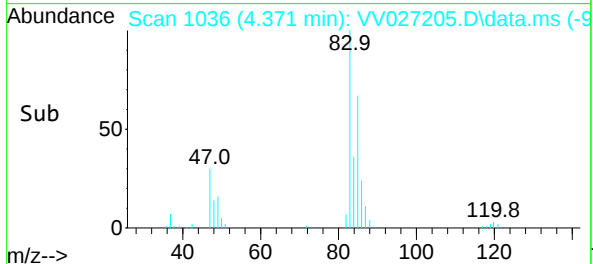
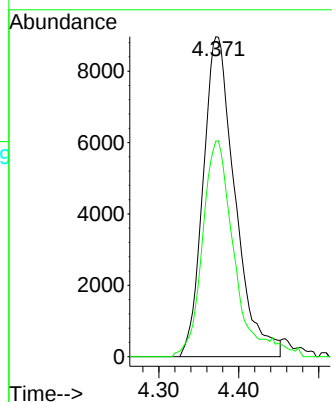
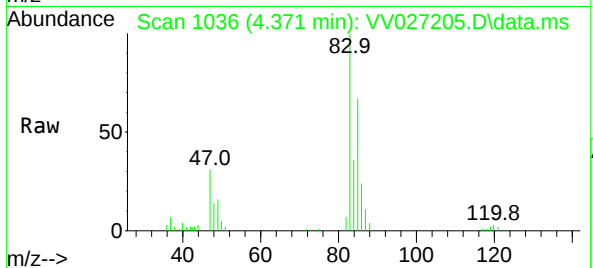
VSTD005252

Tgt Ion: 83 Resp: 24831

Ion Ratio Lower Upper

83 100

85 67.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.059 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV027205.D

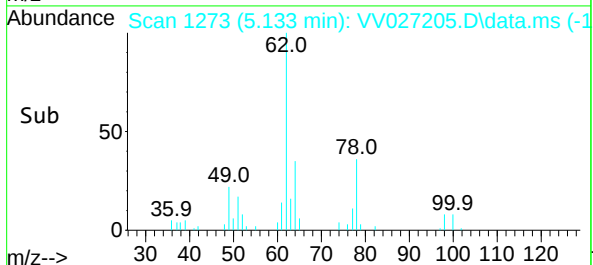
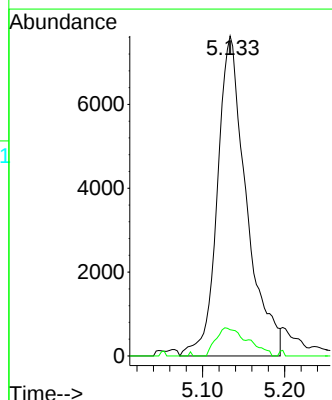
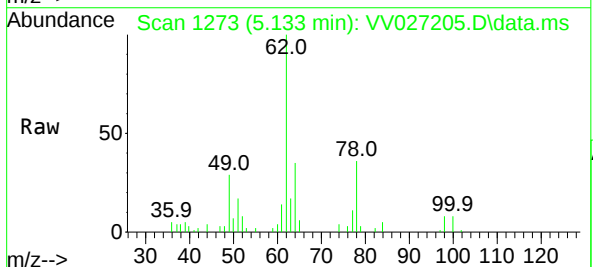
Acq: 04 Aug 2022 11:20

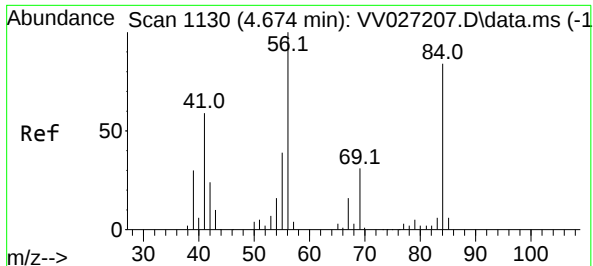
Tgt Ion: 62 Resp: 18774

Ion Ratio Lower Upper

62 100

98 8.2 9.0 13.6#





#29

Cyclohexane

Concen: 4.076 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

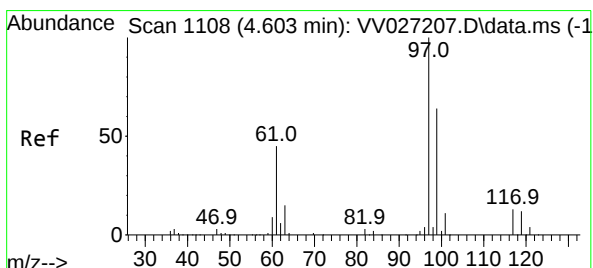
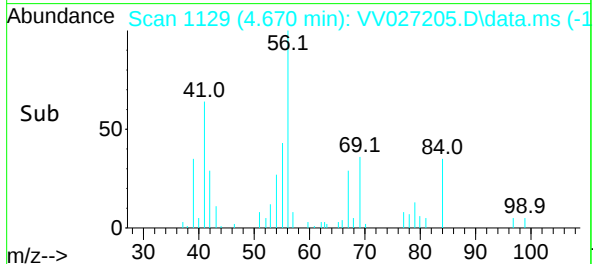
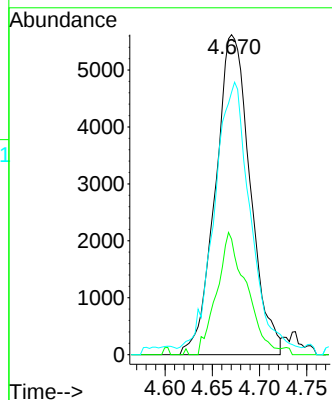
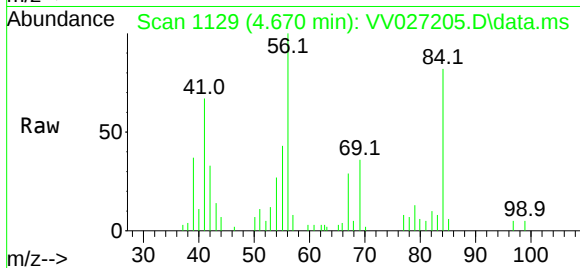
Tgt Ion: 56 Resp: 14350

Ion Ratio Lower Upper

56 100

69 32.7 25.9 38.9

84 86.8 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 4.968 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

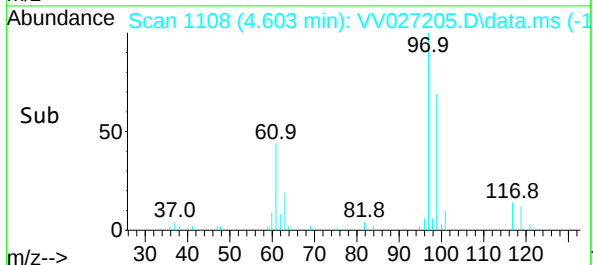
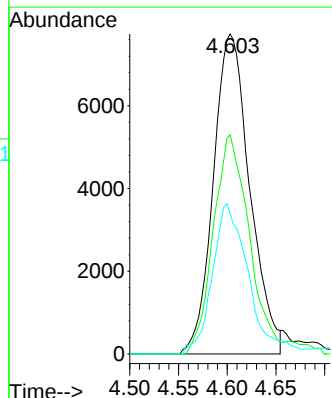
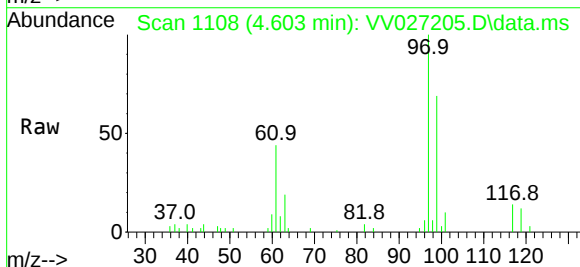
Tgt Ion: 97 Resp: 20131

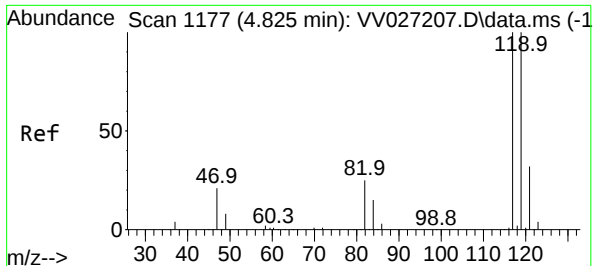
Ion Ratio Lower Upper

97 100

99 67.1 51.4 77.2

61 43.8 32.1 48.1

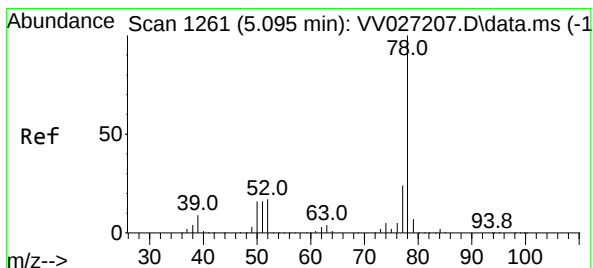
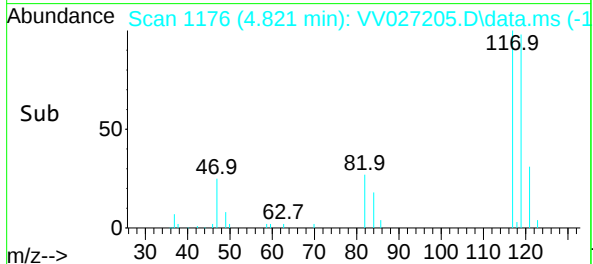
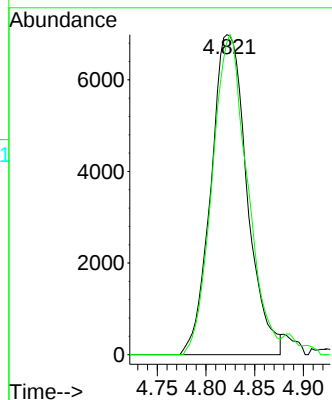
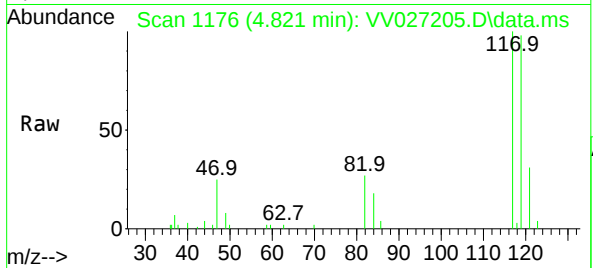




#31
Carbon tetrachloride
Concen: 5.106 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

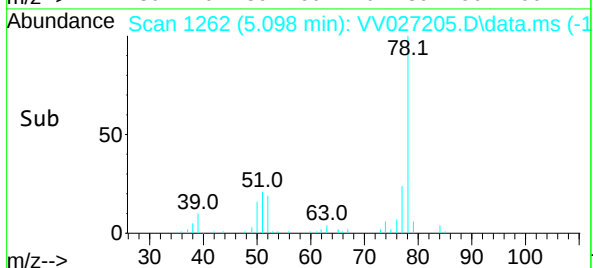
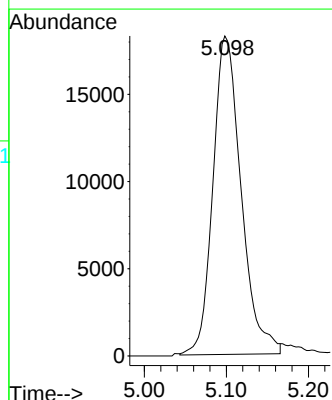
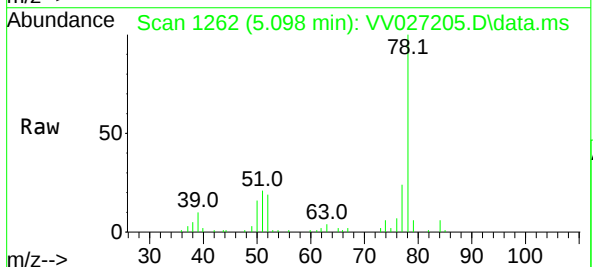
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

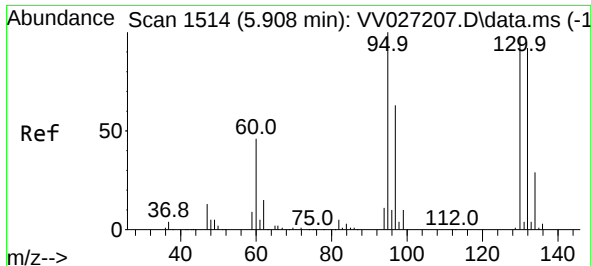
Tgt Ion:117 Resp: 17962
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6



#33
Benzene
Concen: 4.447 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 78 Resp: 43694

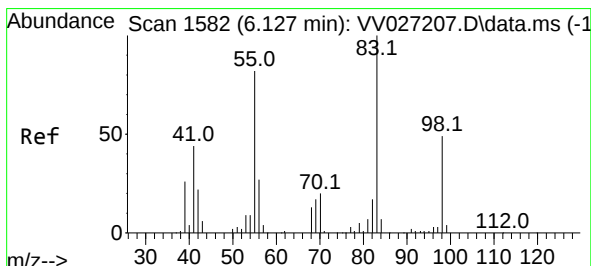
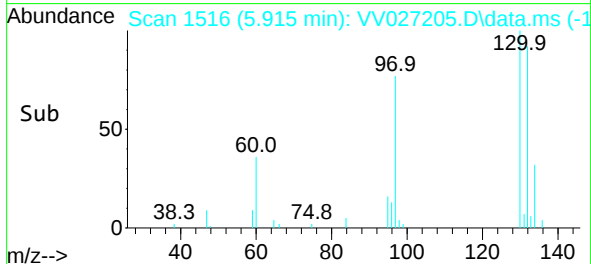
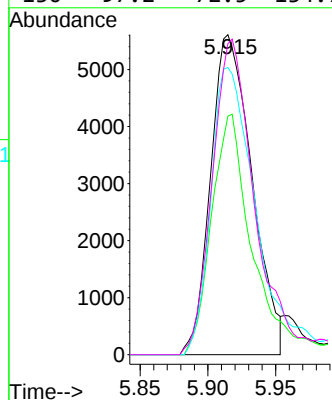
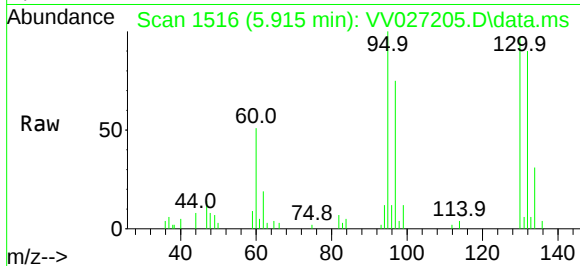




#34
Trichloroethene
Concen: 4.726 ug/L
RT: 5.915 min Scan# 11889
Delta R.T. 0.006 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

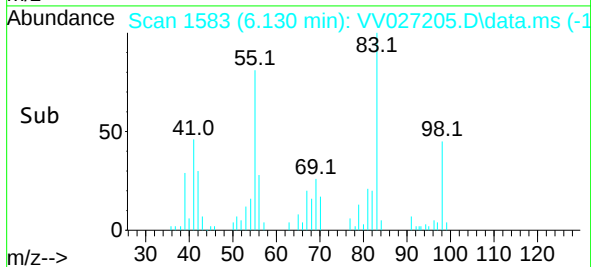
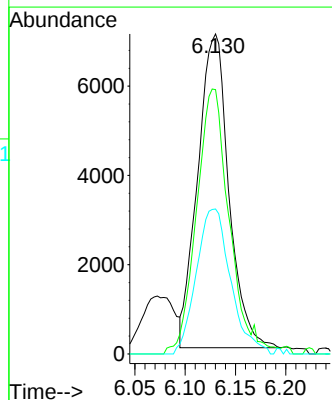
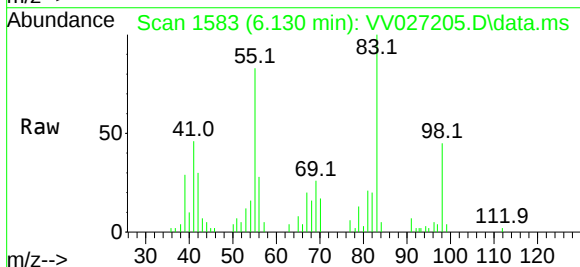
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

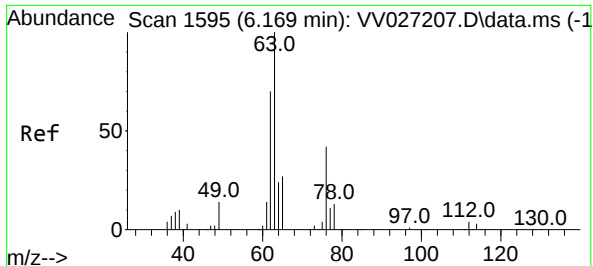
Tgt Ion	95	Resp:	11889
Ion Ratio	100	Lower	Upper
95	100		
97	74.5	45.9	85.3
132	89.7	69.8	129.6
130	97.2	72.5	134.7



#35
Methylcyclohexane
Concen: 4.095 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion	83	Resp:	15148
Ion Ratio	100	Lower	Upper
83	100		
55	85.9	55.5	83.3#
98	50.8	39.0	58.4





#37

1,2-Dichloropropane

Concen: 4.461 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

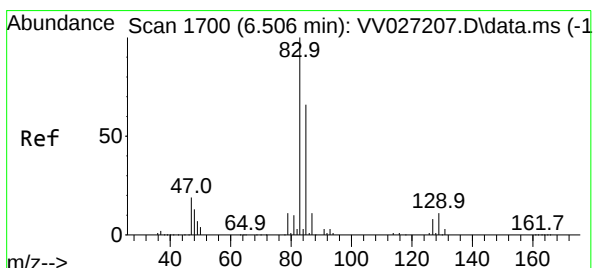
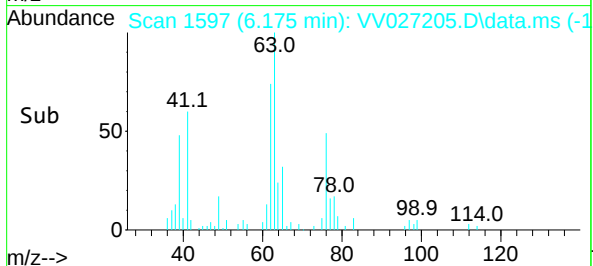
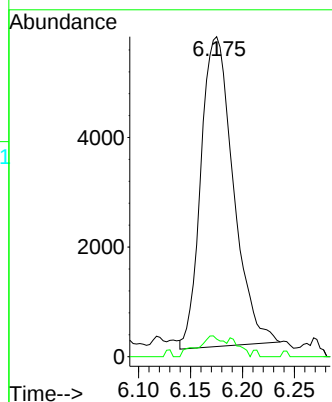
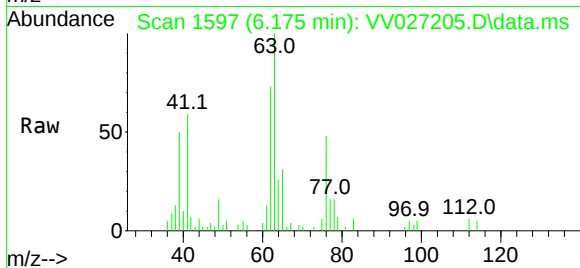
VSTD005252

Tgt Ion: 63 Resp: 12278

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 4.985 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

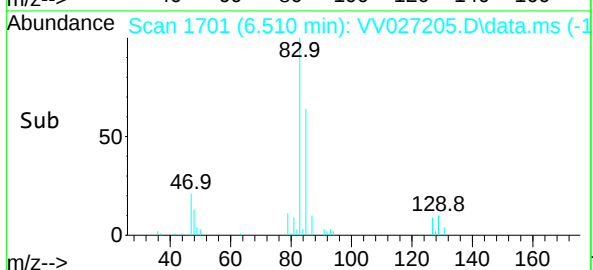
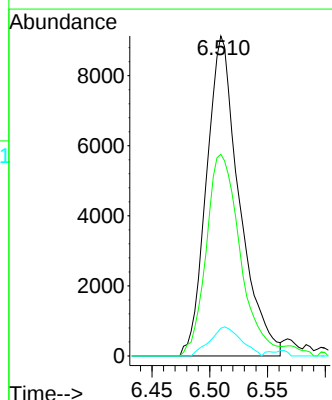
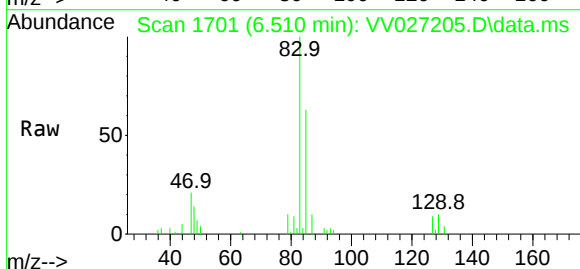
Tgt Ion: 83 Resp: 17976

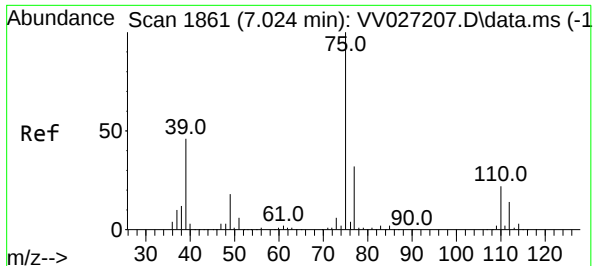
Ion Ratio Lower Upper

83 100

85 63.0 45.5 84.5

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.191 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

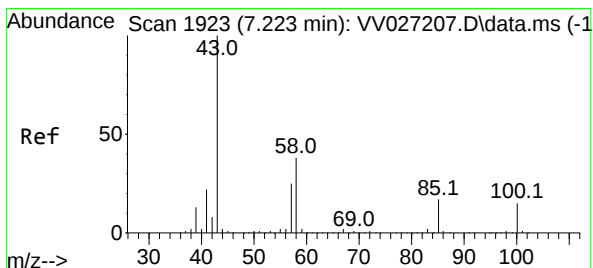
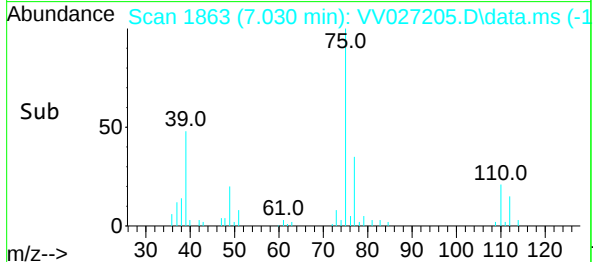
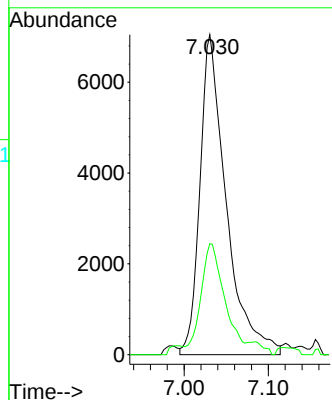
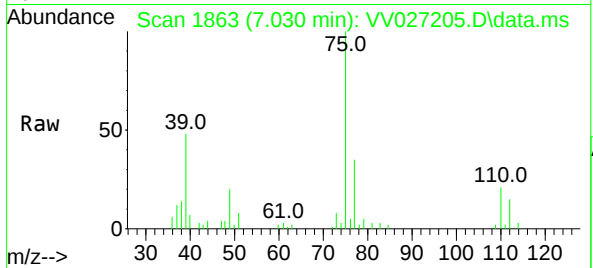
VSTD005252

Tgt Ion: 75 Resp: 15281

Ion Ratio Lower Upper

75 100

77 34.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 7.635 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

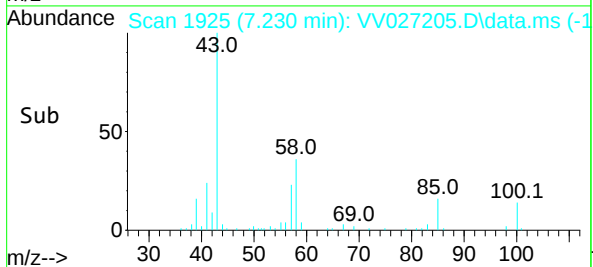
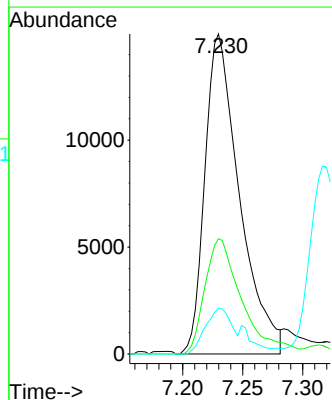
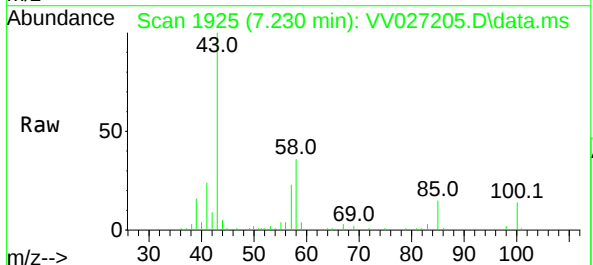
Tgt Ion: 43 Resp: 29978

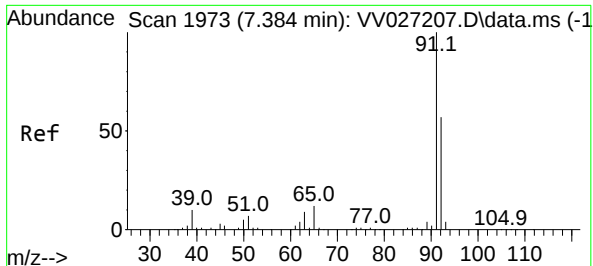
Ion Ratio Lower Upper

43 100

58 38.5 35.3 52.9

100 10.9 15.7 23.5





#42

Toluene

Concen: 4.081 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

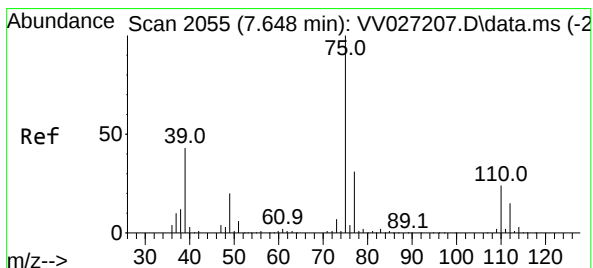
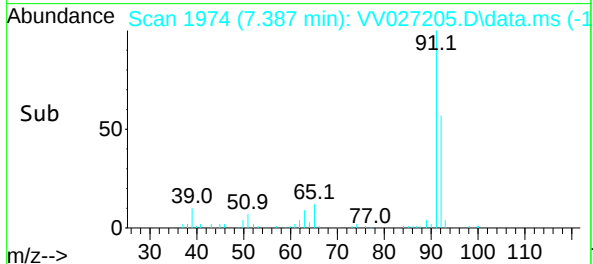
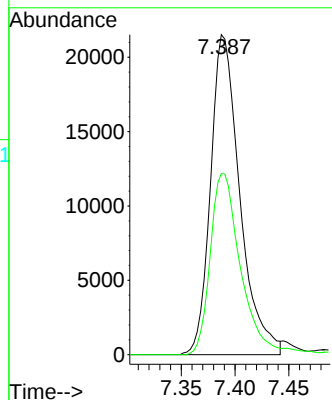
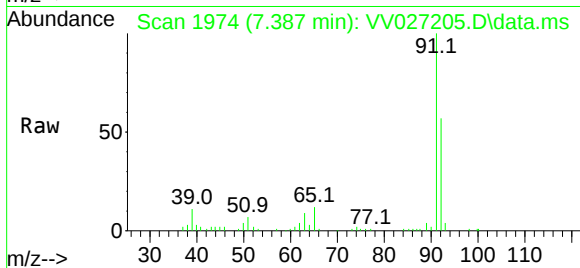
VSTD005252

Tgt Ion: 91 Resp: 40763

Ion Ratio Lower Upper

91 100

92 56.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 3.990 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV027205.D

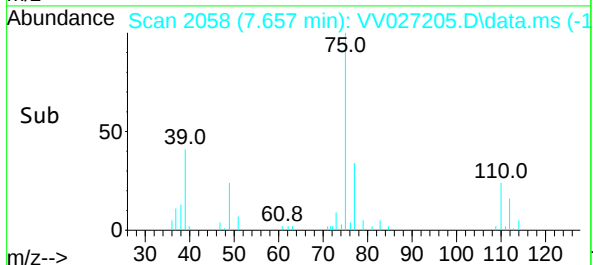
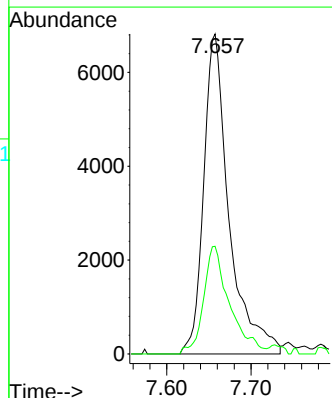
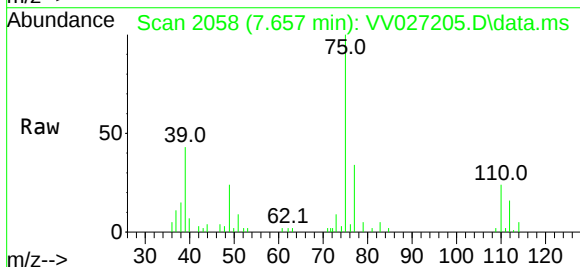
Acq: 04 Aug 2022 11:20

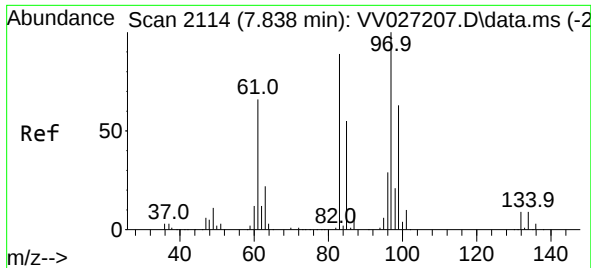
Tgt Ion: 75 Resp: 14295

Ion Ratio Lower Upper

75 100

77 33.6 22.0 41.0

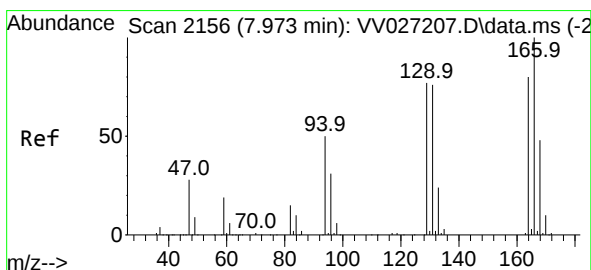
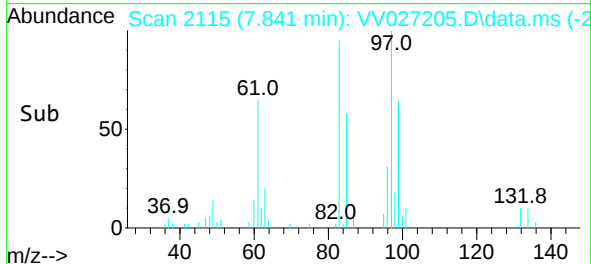
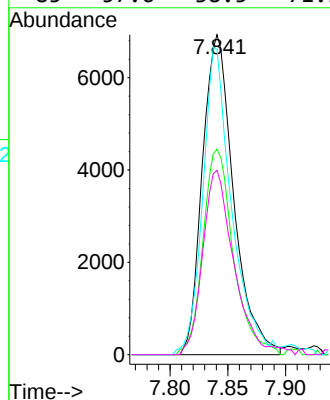
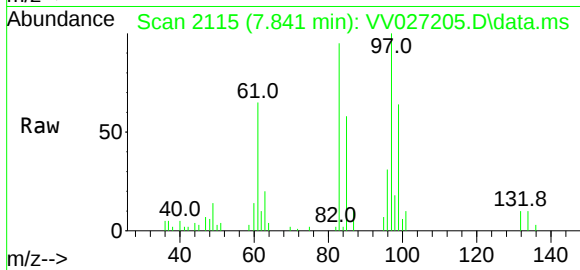




#45
1,1,2-Trichloroethane
Concen: 4.911 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

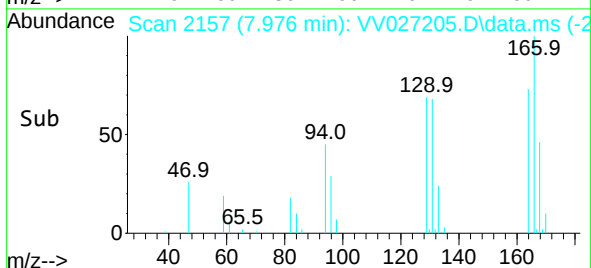
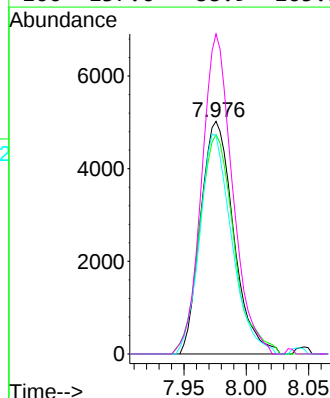
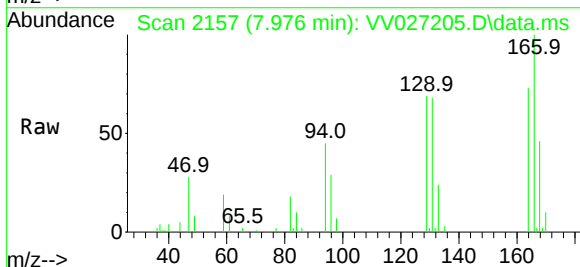
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

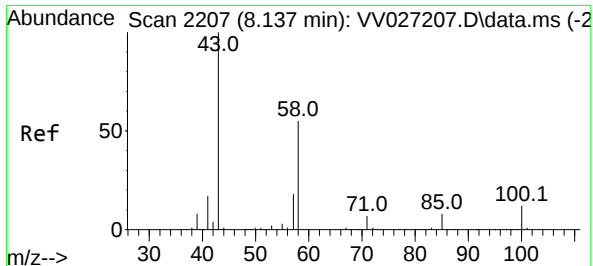
Tgt Ion:	97	Resp:	13028
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.2	80.2
83	95.4	58.0	107.6
85	57.6	38.5	71.5



#46
Tetrachloroethene
Concen: 5.037 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion:	164	Resp:	9274
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.5	125.4
131	93.8	64.3	119.3
166	137.6	88.9	165.1

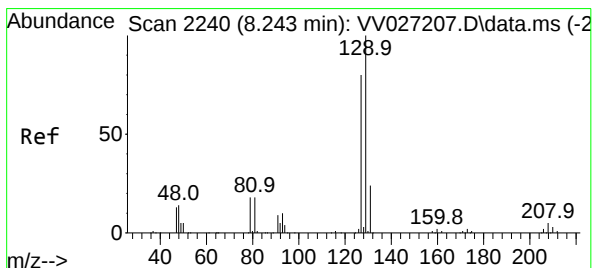
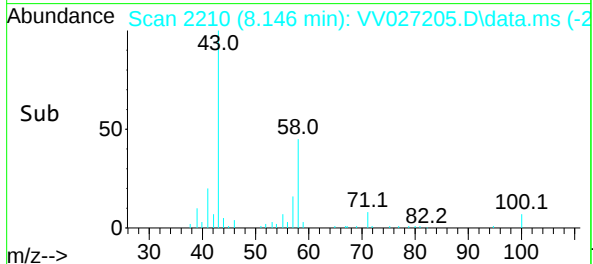
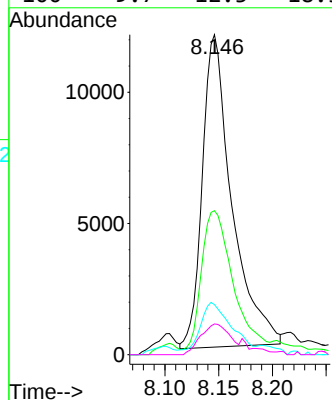
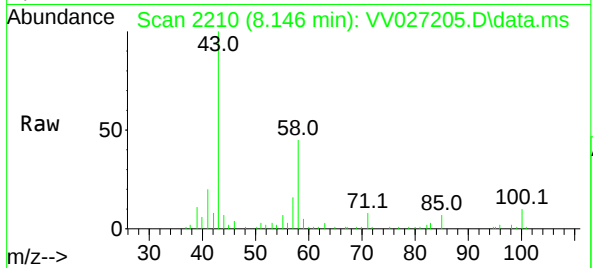




#48
2-Hexanone
Concen: 7.292 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.010 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

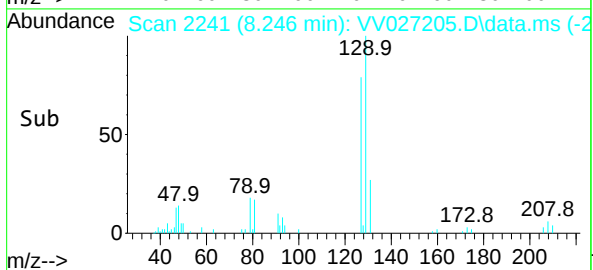
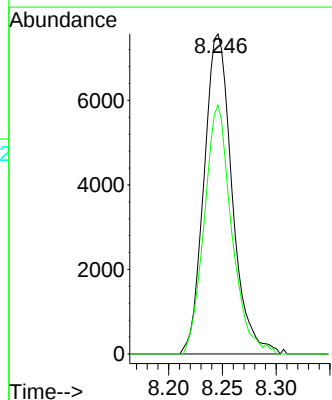
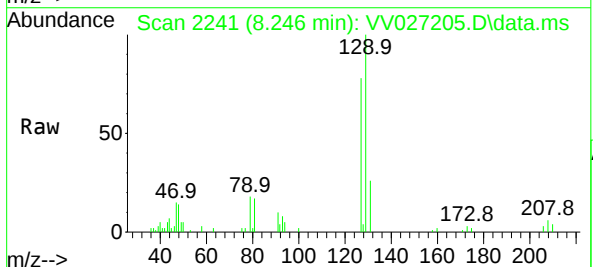
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

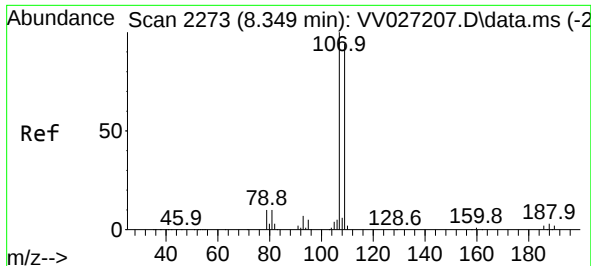
Tgt Ion: 43 Resp: 22805
Ion Ratio Lower Upper
43 100
58 47.2 50.8 76.2#
57 15.2 17.1 25.7#
100 9.7 12.3 18.5#



#49
Dibromochloromethane
Concen: 4.902 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 129 Resp: 13745
Ion Ratio Lower Upper
129 100
127 77.8 53.3 98.9





#50

1,2-Dibromoethane

Concen: 4.629 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

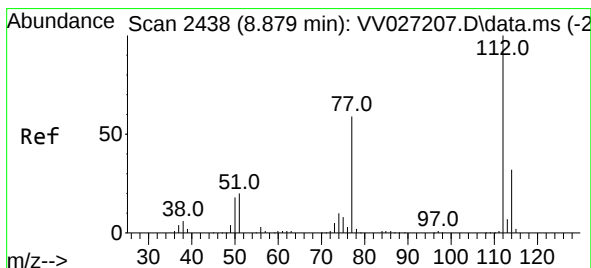
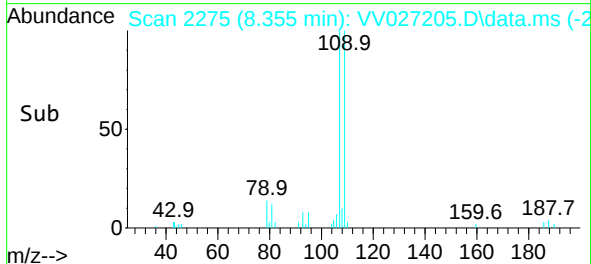
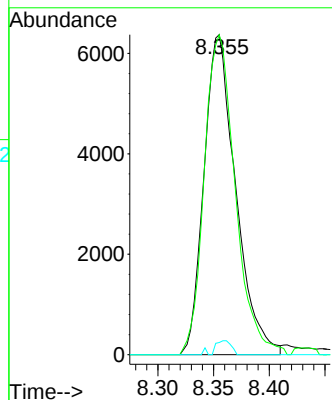
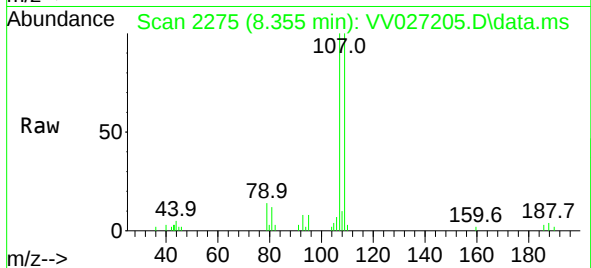
Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

Tgt Ion:	107	Resp:	12634
Ion	Ratio	Lower	Upper
107	100		
109	100.0	65.7	121.9
188	3.8	2.7	4.1



#51

Chlorobenzene

Concen: 4.815 ug/L

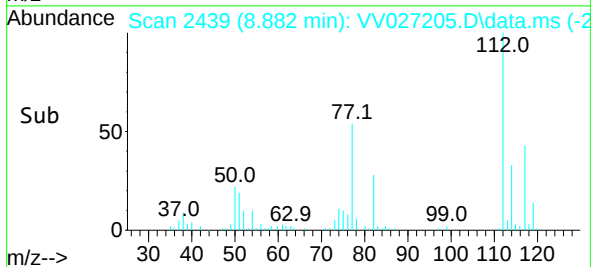
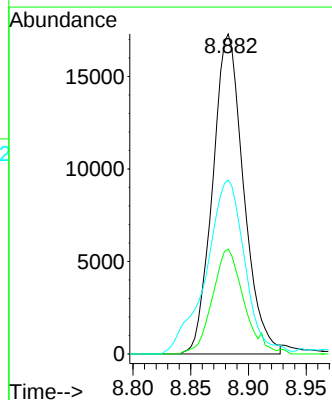
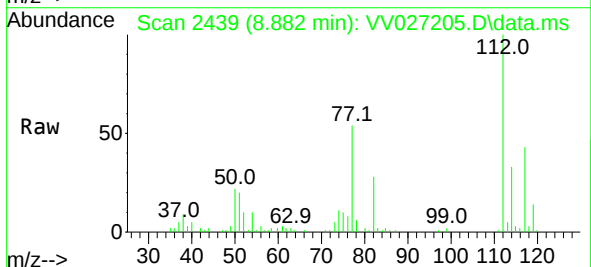
RT: 8.882 min Scan# 2439

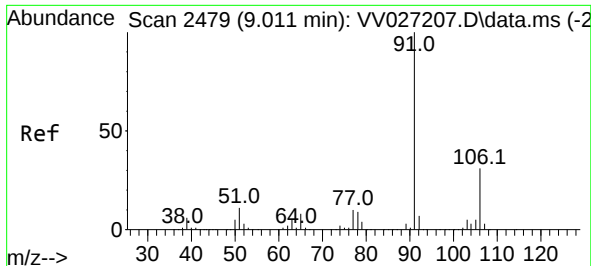
Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Tgt Ion:	112	Resp:	32259
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.8	42.4
77	54.4	44.2	66.2

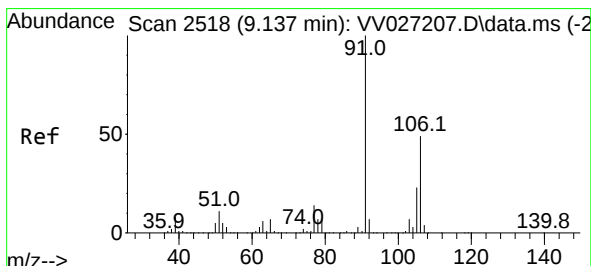
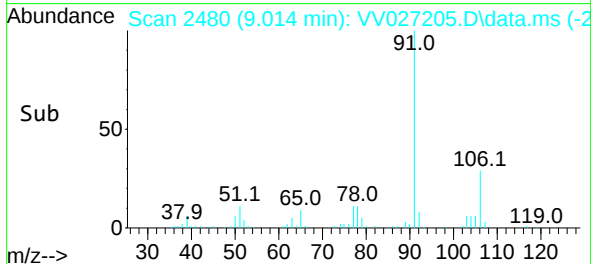
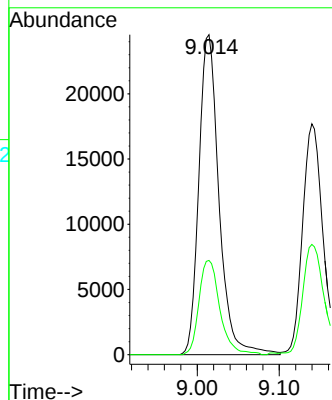
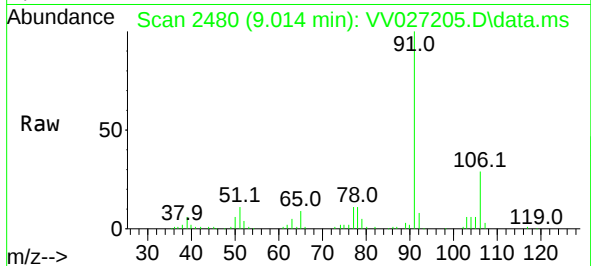




#52
Ethylbenzene
Concen: 4.062 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

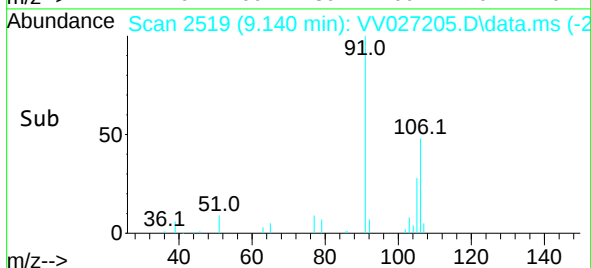
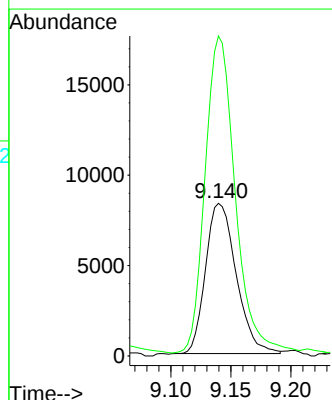
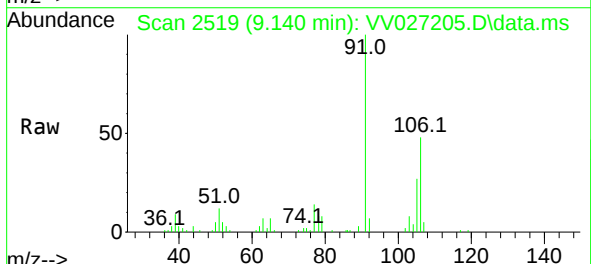
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

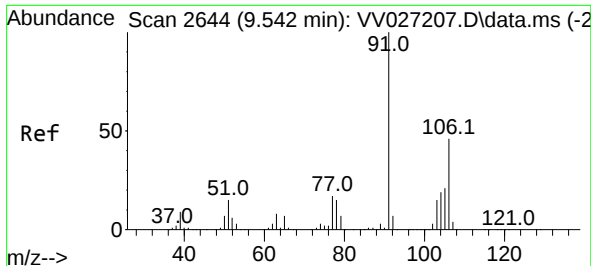
Tgt Ion: 91 Resp: 41865
Ion Ratio Lower Upper
91 100
106 29.4 21.8 40.6



#53
m,p-Xylene
Concen: 3.799 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 106 Resp: 14797
Ion Ratio Lower Upper
106 100
91 209.5 137.5 255.3

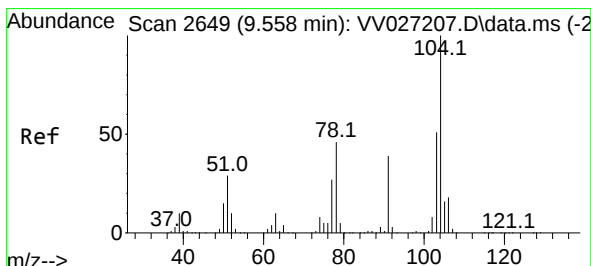
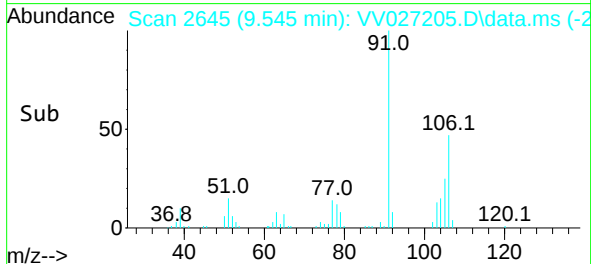
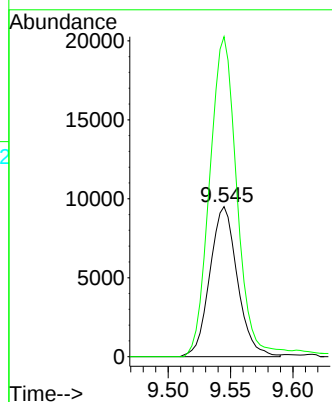
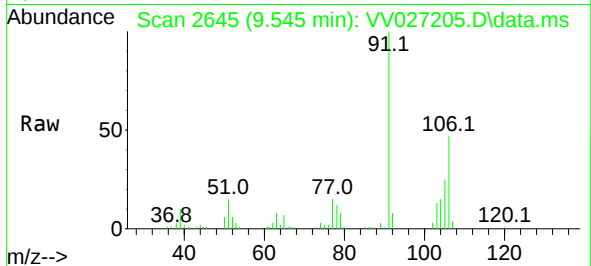




#54
o-Xylene
Concen: 3.858 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

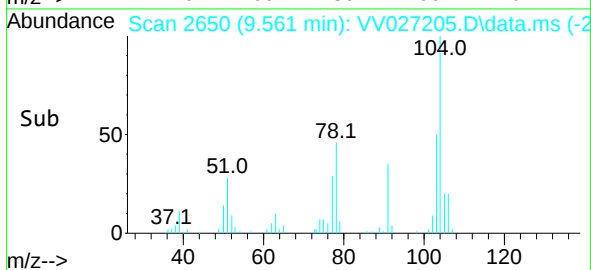
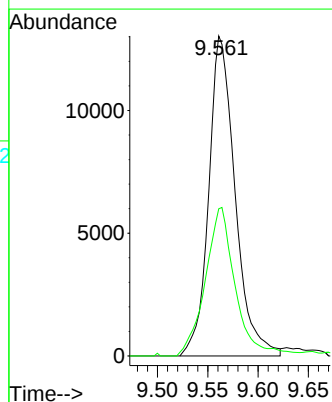
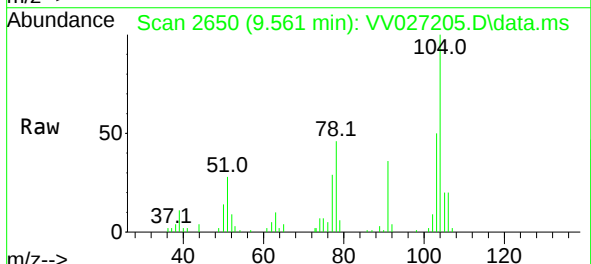
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

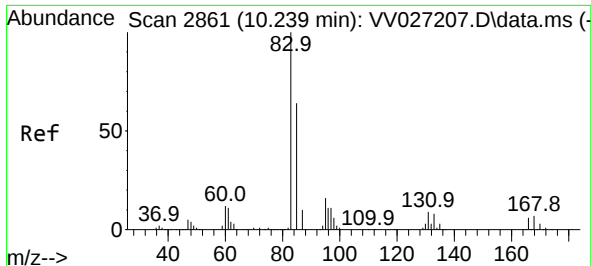
Tgt Ion:106 Resp: 14640
Ion Ratio Lower Upper
106 100
91 213.2 146.6 272.2



#55
Styrene
Concen: 3.566 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion:104 Resp: 23839
Ion Ratio Lower Upper
104 100
78 46.0 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.977 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

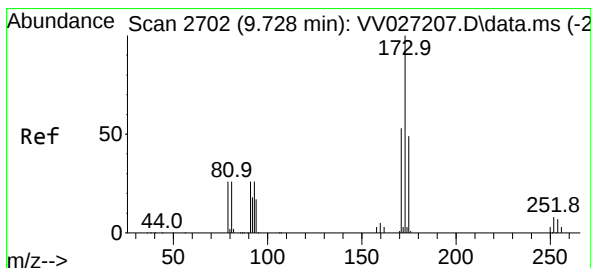
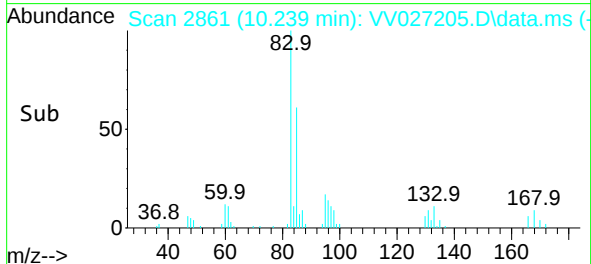
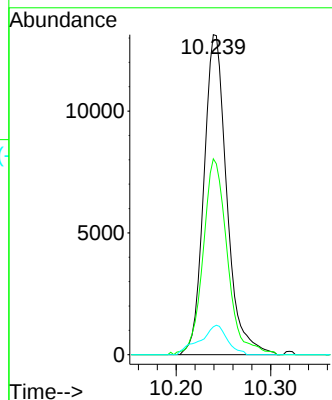
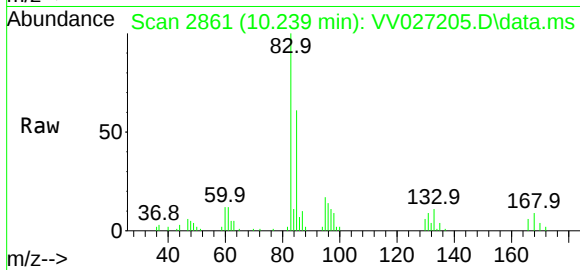
Tgt Ion: 83 Resp: 22120

Ion Ratio Lower Upper

83 100

85 61.2 45.2 84.0

131 8.7 8.1 12.1



#59

Bromoform

Concen: 5.143 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

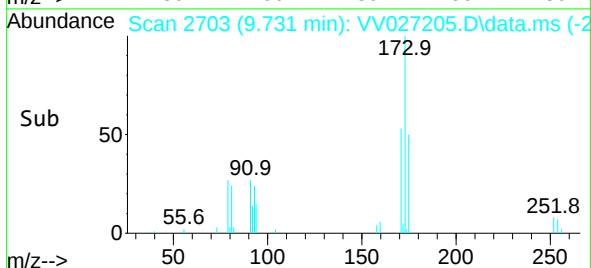
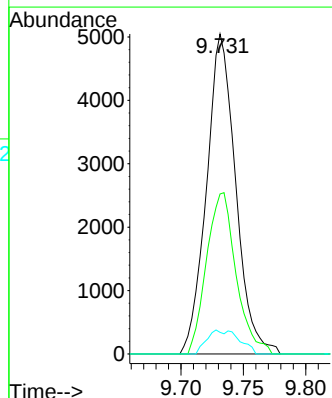
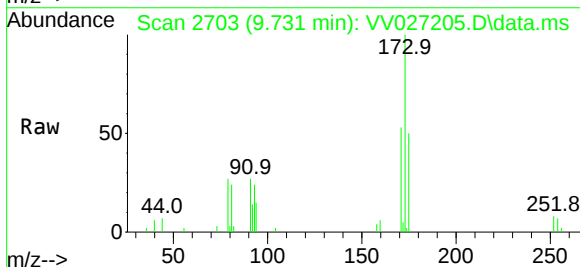
Tgt Ion: 173 Resp: 8222

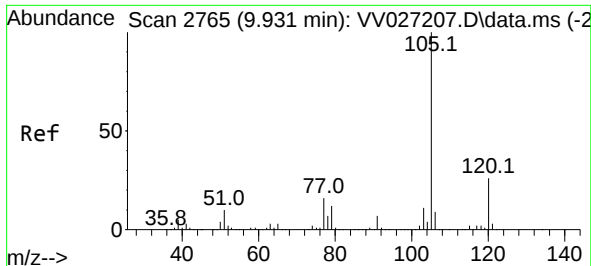
Ion Ratio Lower Upper

173 100

175 51.0 39.0 58.4

254 4.5 6.9 10.3

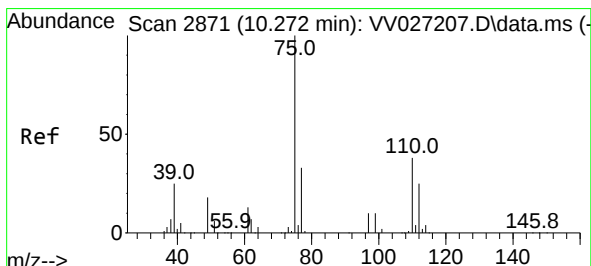
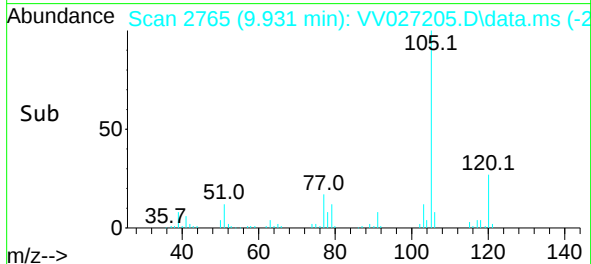
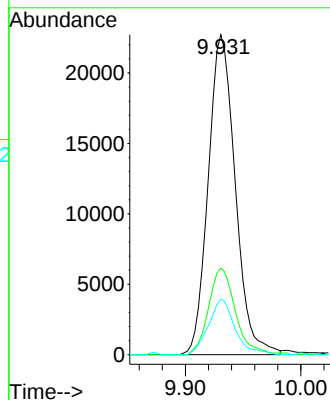
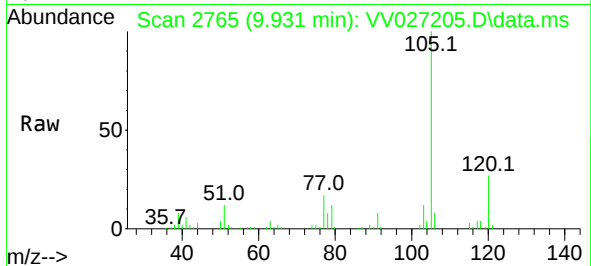




#60
Isopropylbenzene
Concen: 4.356 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

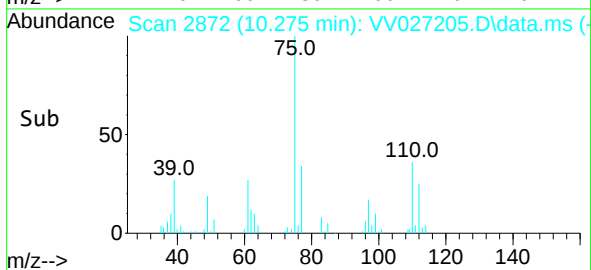
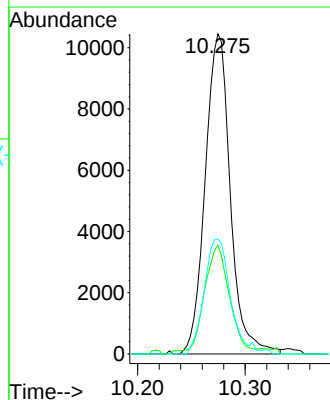
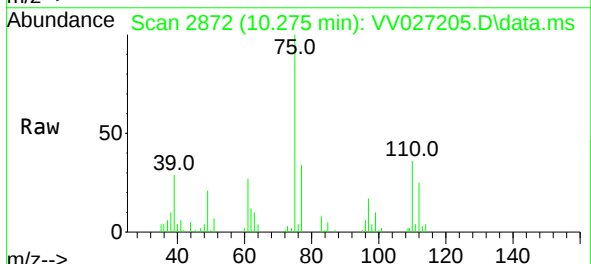
Instrument :
MSVOA_V
ClientSampleId :
VSTD005252

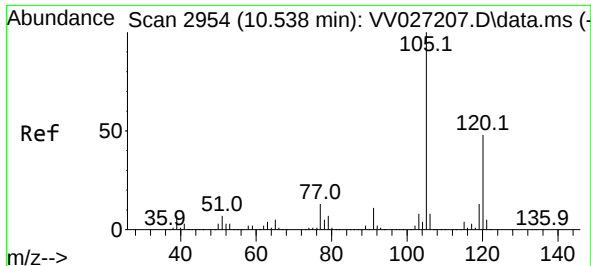
Tgt Ion:105 Resp: 36931
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 16.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 5.487 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027205.D
Acq: 04 Aug 2022 11:20

Tgt Ion: 75 Resp: 16947
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
110 36.6 32.7 49.1

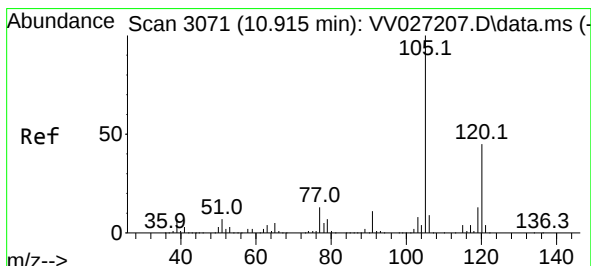
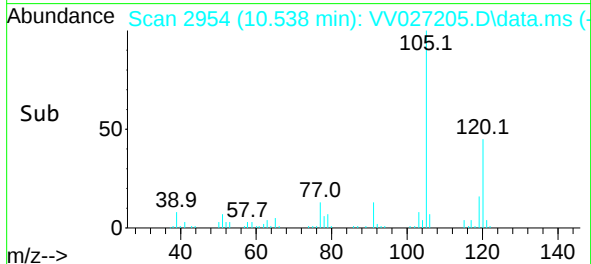
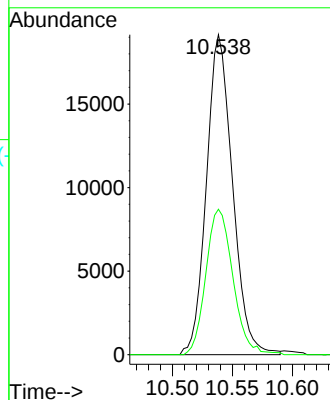
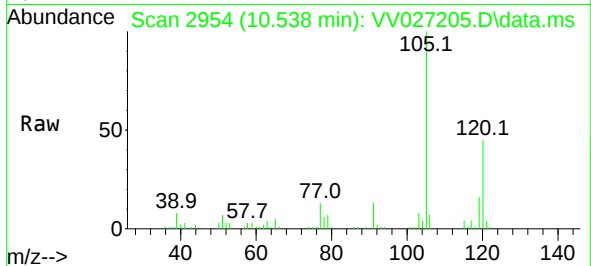




#62
 1,3,5-Trimethylbenzene
 Concen: 4.140 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

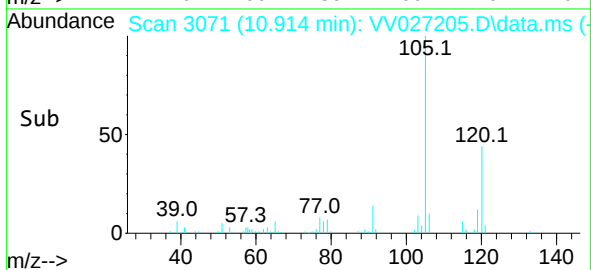
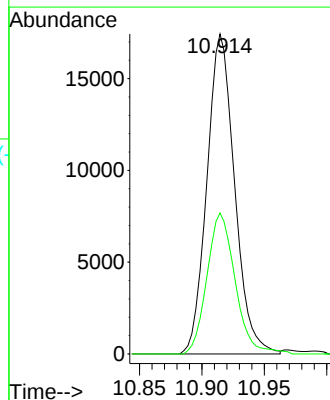
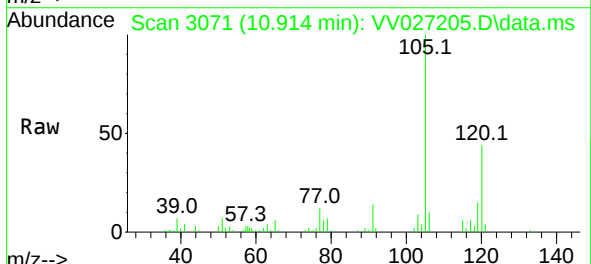
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005252

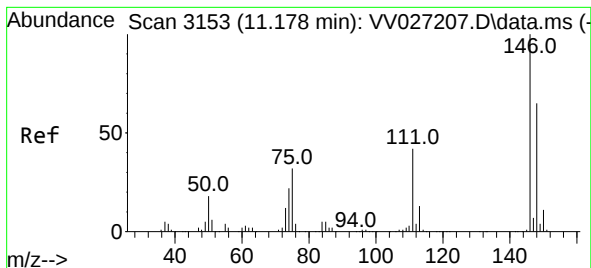
Tgt Ion:105 Resp: 28989
 Ion Ratio Lower Upper
 105 100
 120 46.8 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 3.928 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

Tgt Ion:105 Resp: 26942
 Ion Ratio Lower Upper
 105 100
 120 44.9 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 4.818 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

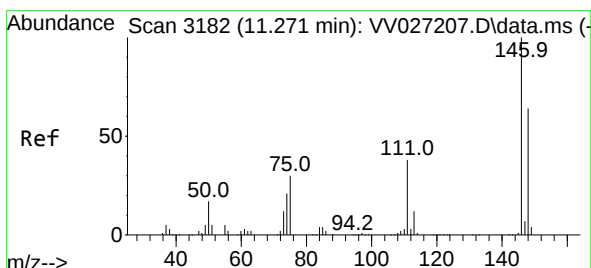
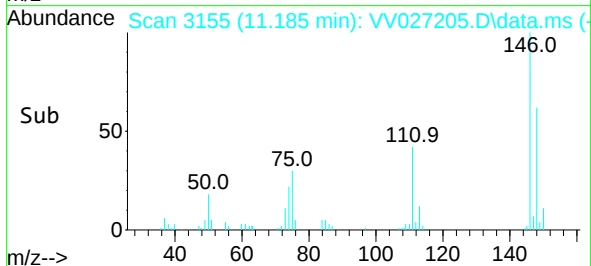
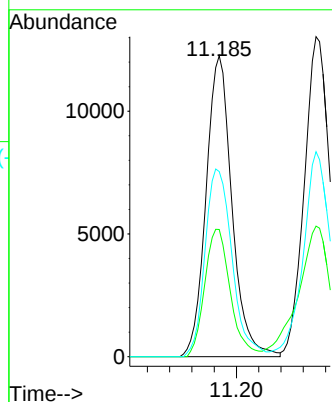
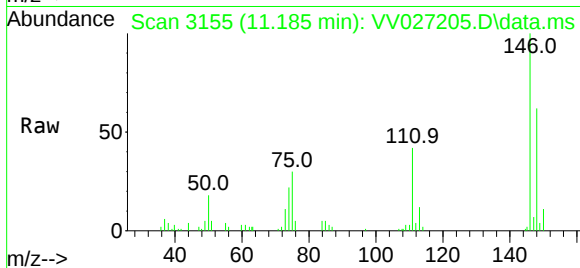
Tgt Ion:146 Resp: 19800

Ion Ratio Lower Upper

146 100

111 42.3 28.4 52.8

148 61.5 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 5.032 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

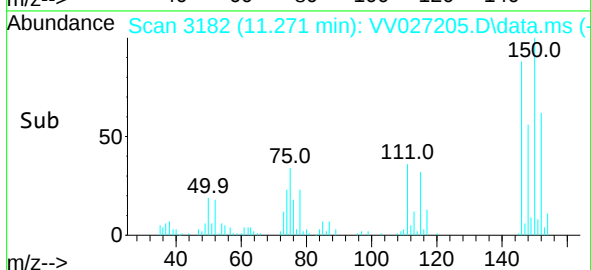
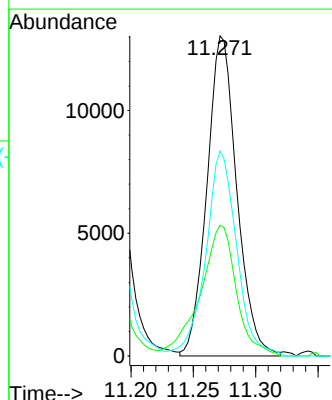
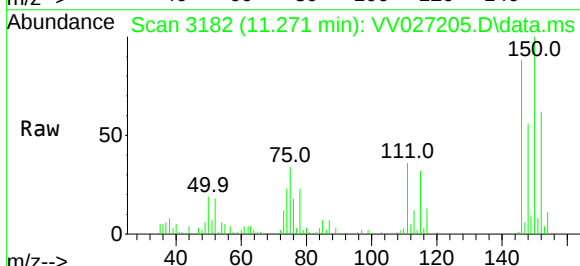
Tgt Ion:146 Resp: 21762

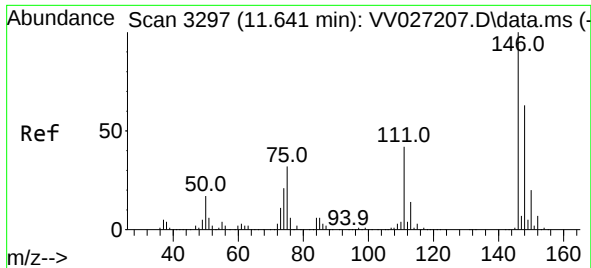
Ion Ratio Lower Upper

146 100

111 40.8 27.4 51.0

148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.001 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

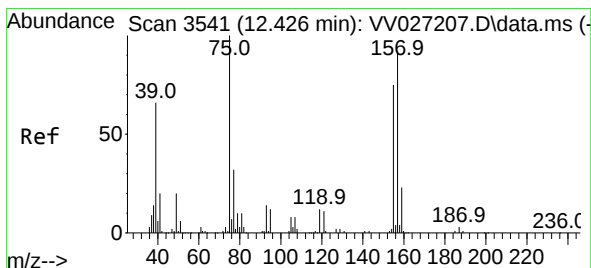
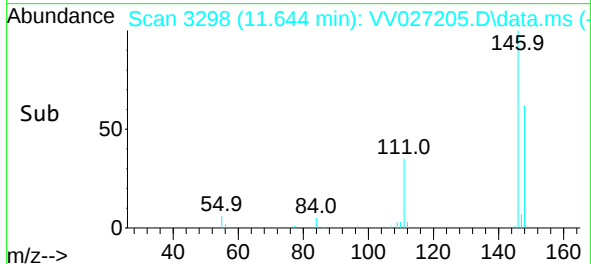
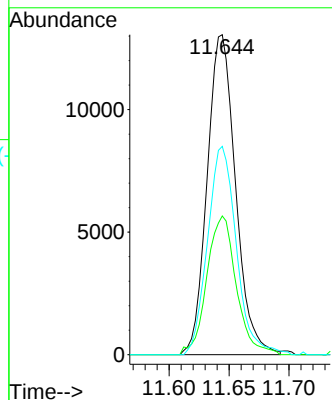
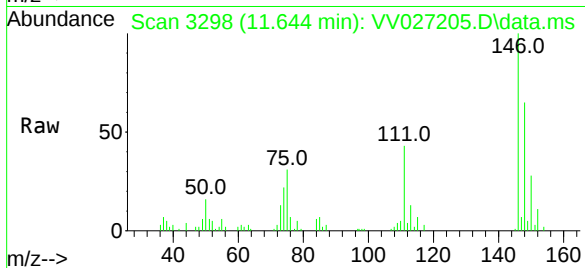
Tgt Ion:146 Resp: 21533

Ion Ratio Lower Upper

146 100

111 43.3 34.0 51.0

148 65.1 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.911 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

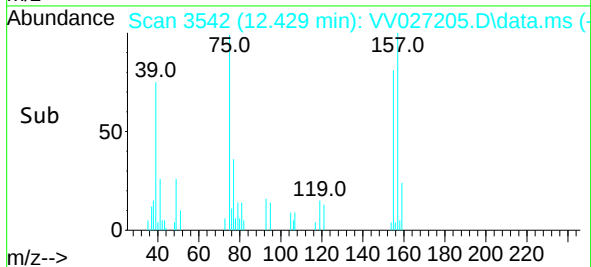
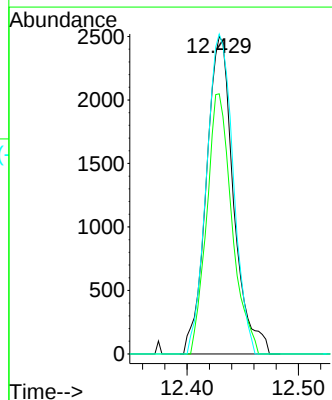
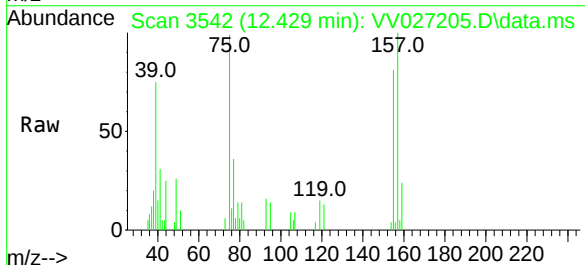
Tgt Ion: 75 Resp: 4256

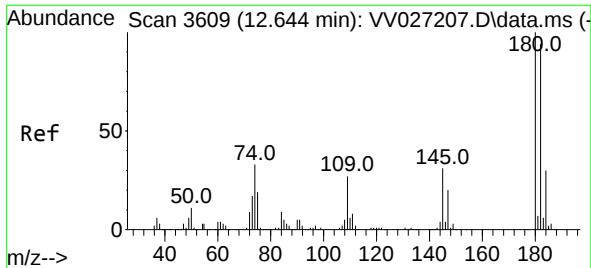
Ion Ratio Lower Upper

75 100

155 82.0 69.1 103.7

157 100.8 87.8 131.8

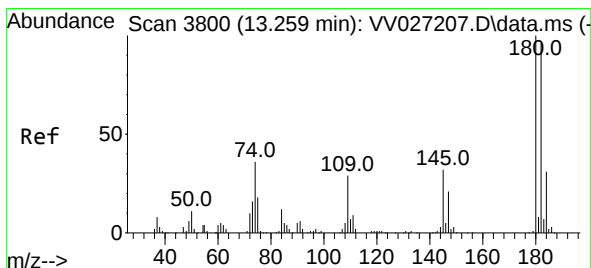
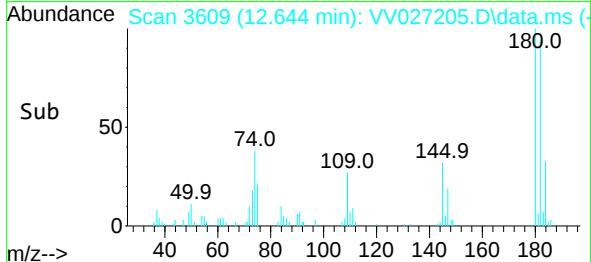
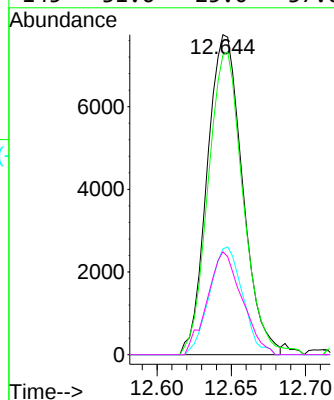
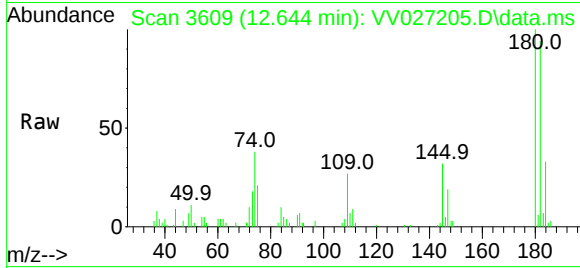




#69
 1,3,5-Trichlorobenzene
 Concen: 4.630 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

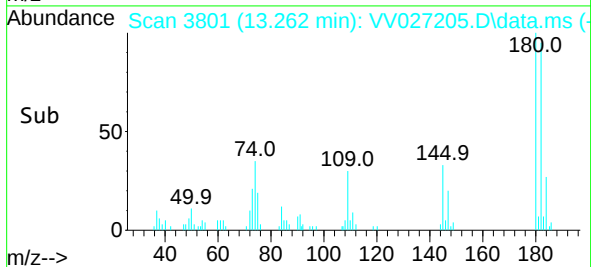
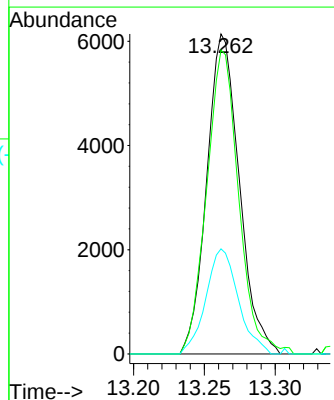
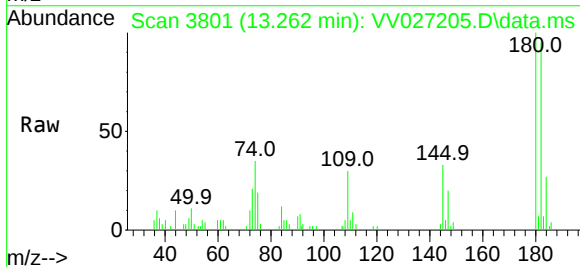
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005252

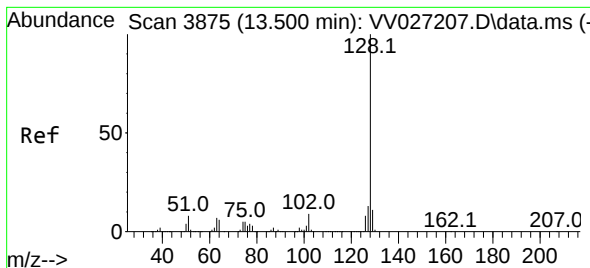
Tgt Ion:180	Resp:	12778
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.2 114.4
184	31.6	24.8 37.2
145	31.6	25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.273 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027205.D
 Acq: 04 Aug 2022 11:20

Tgt Ion:180	Resp:	9796
Ion Ratio	Lower	Upper
180	100	
182	93.0	75.9 113.9
145	32.8	24.7 37.1





#71

Naphthalene

Concen: 3.376 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005252

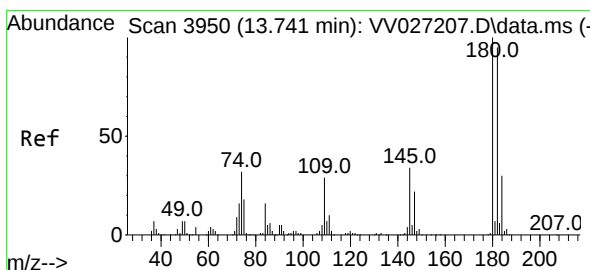
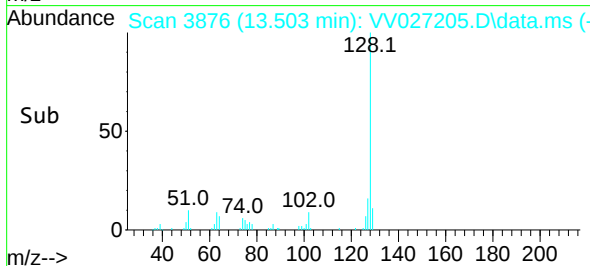
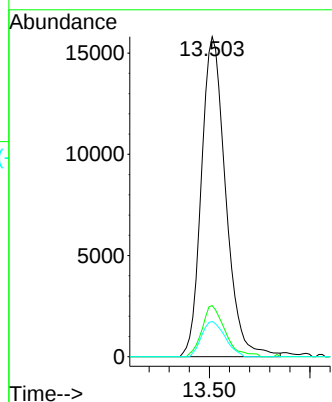
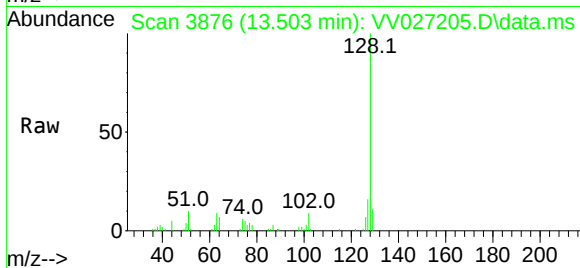
Tgt Ion:128 Resp: 26498

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.130 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027205.D

Acq: 04 Aug 2022 11:20

Tgt Ion:180 Resp: 10493

Ion Ratio Lower Upper

180 100

182 90.9 76.3 114.5

145 36.3 27.4 41.0

