

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027208.D
 Acq On : 04 Aug 2022 12:33
 Operator : SY/MD
 Sample : VSTD100255
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100255

Quant Time: Aug 05 02:03:28 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	372638	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	364187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	197336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	249230	98.100	ug/L	0.00
7) Chloroethane-d5	1.555	69	174939	94.190	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	451152	97.083	ug/L	0.00
21) 2-Butanone-d5	3.870	46	494434	218.120	ug/L	0.00
24) Chloroform-d	4.342	84	507229	97.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	320924	99.324	ug/L	0.00
32) Benzene-d6	5.043	84	899608	103.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	315541	101.570	ug/L	0.00
41) Toluene-d8	7.313	98	801102	107.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	146023	107.837	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	361560	241.640	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	509452	100.629	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	336913	98.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	310571	93.688	ug/L	99
3) Chloromethane	1.236	50	359884	95.031	ug/L	99
5) Vinyl chloride	1.307	62	363665	96.397	ug/L	100
6) Bromomethane	1.513	94	163097	91.707	ug/L	100
8) Chloroethane	1.574	64	205760	97.899	ug/L	99
9) Trichlorofluoromethane	1.744	101	463975	95.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	247709	92.286	ug/L	98
12) 1,1-Dichloroethene	2.111	96	247482	95.848	ug/L	88
13) Acetone	2.162	43	330288	189.413	ug/L	88
14) Carbon disulfide	2.285	76	865761	98.519	ug/L	99
15) Methyl Acetate	2.426	43	395837	98.270	ug/L	# 83
16) Methylene chloride	2.500	84	322962	93.640	ug/L	85
17) trans-1,2-Dichloroethene	2.754	96	282138	98.743	ug/L	90
18) Methyl tert-butyl Ether	2.854	73	15748	1.853	ug/L	94
19) 1,1-Dichloroethane	3.182	63	556655	97.047	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	313004	105.452	ug/L	87
22) 2-Butanone	3.953	43	546234	228.490	ug/L	98
23) Bromochloromethane	4.239	128	167280	100.922	ug/L	85
25) Chloroform	4.368	83	561006	96.780	ug/L	99
27) 1,2-Dichloroethane	5.124	62	459345	101.746	ug/L	95
29) Cyclohexane	4.670	56	472366	112.622	ug/L	89
30) 1,1,1-Trichloroethane	4.603	97	487702	101.034	ug/L	96
31) Carbon tetrachloride	4.821	117	415167	99.064	ug/L	99
33) Benzene	5.092	78	1224833	104.657	ug/L	100
34) Trichloroethene	5.908	95	300946	100.428	ug/L	95
35) Methylcyclohexane	6.127	83	477657	108.402	ug/L	94
37) 1,2-Dichloropropane	6.169	63	334908	102.147	ug/L	98
38) Bromodichloromethane	6.506	83	426232	99.217	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	483049	111.225	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1058236	226.247	ug/L	# 92
42) Toluene	7.384	91	1289308	108.353	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	469238	109.945	ug/L	99

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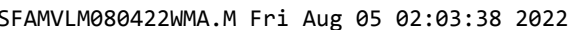
Quant Time: Aug 05 02:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

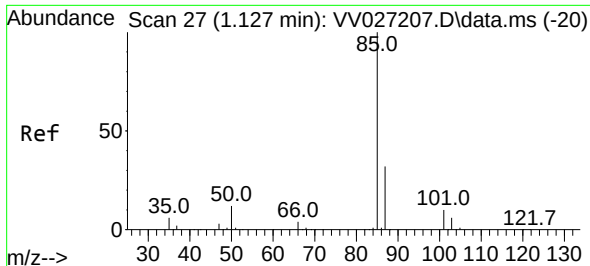
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	312922	99.025	ug/L	97
46) Tetrachloroethene	7.972	164	217346	99.096	ug/L	97
48) 2-Hexanone	8.136	43	842079	226.048	ug/L #	90
49) Dibromochloromethane	8.243	129	341615	102.268	ug/L	100
50) 1,2-Dibromoethane	8.349	107	336058	103.353	ug/L	100
51) Chlorobenzene	8.879	112	805816	100.962	ug/L	96
52) Ethylbenzene	9.011	91	1358805	110.667	ug/L	99
53) m,p-Xylene	9.136	106	526388	113.437	ug/L	95
54) o-Xylene	9.541	106	514387	113.782	ug/L	97
55) Styrene	9.558	104	923691	115.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	530459	100.202	ug/L	99
59) Bromoform	9.728	173	230736	98.413	ug/L	99
60) Isopropylbenzene	9.931	105	1322181	106.318	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	427333	94.326	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1141532	111.151	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1140284	113.339	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	605654	100.485	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	618720	97.541	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	627751	99.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	125352	98.625	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	417374	103.100	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	364937	108.538	ug/L	99
71) Naphthalene	13.500	128	1405179	122.051	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	406366	109.040	ug/L	99

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

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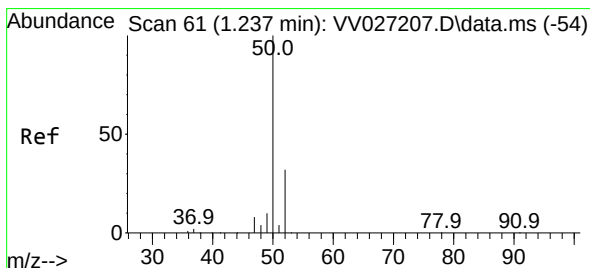
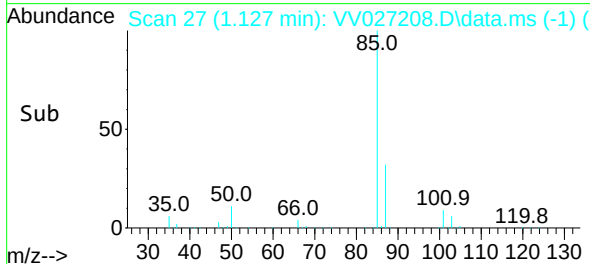
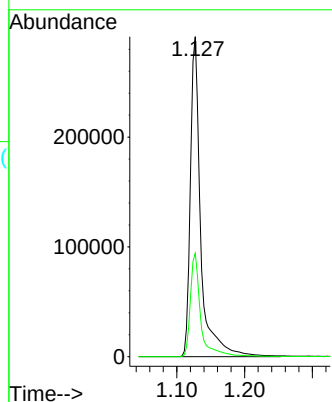
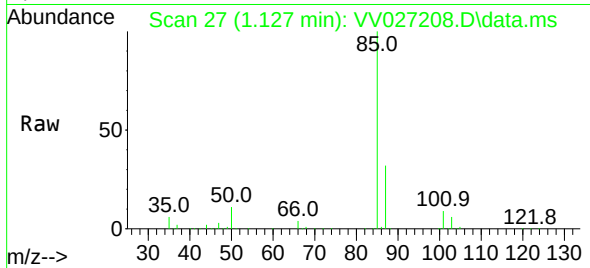




#2
 Dichlorodifluoromethane
 Concen: 93.688 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

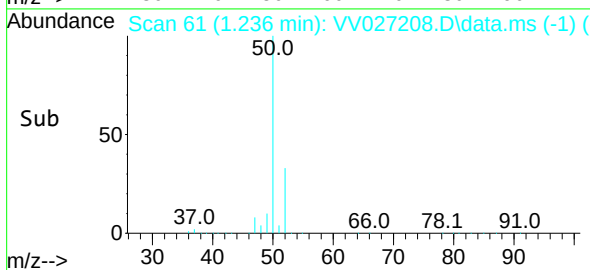
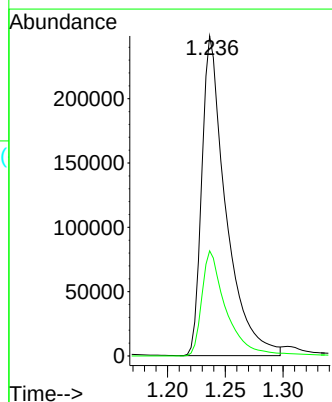
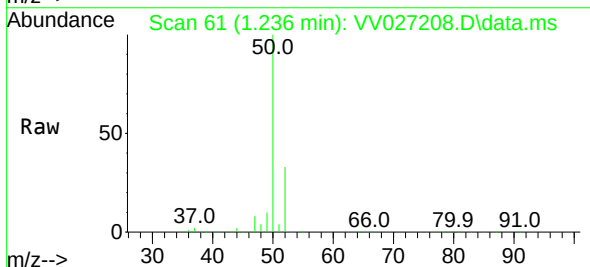
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100255

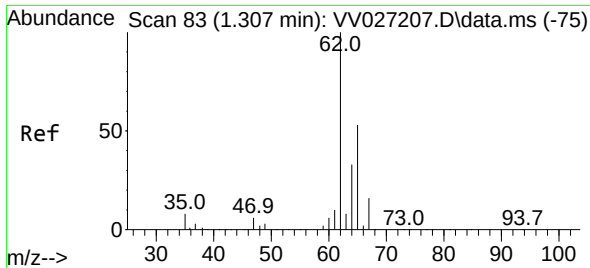
Tgt Ion: 85 Resp: 310571
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 95.031 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

Tgt Ion: 50 Resp: 359884
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.5 43.7

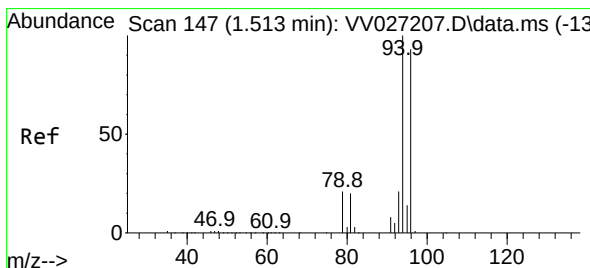
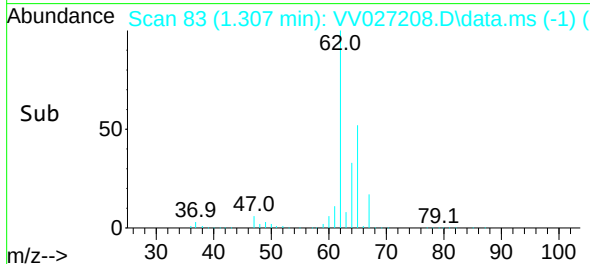
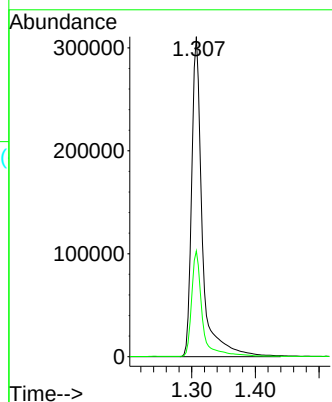
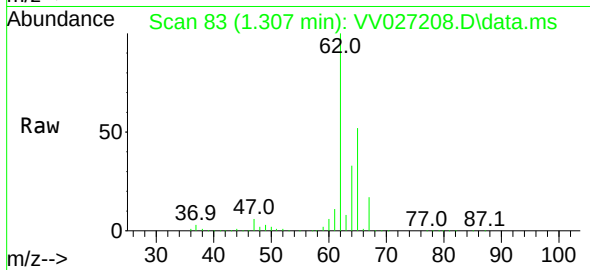




#5
 Vinyl chloride
 Concen: 96.397 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

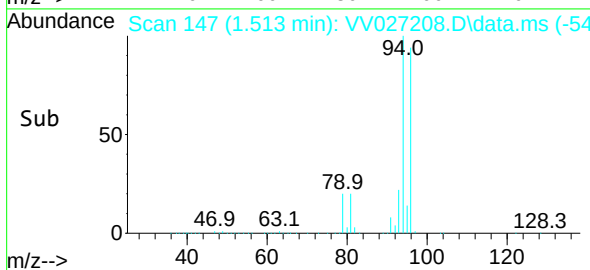
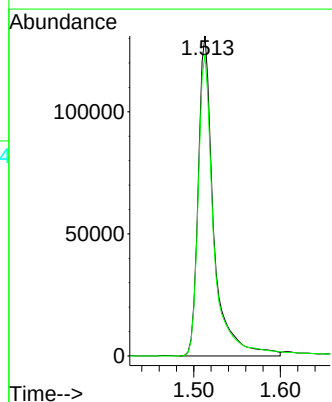
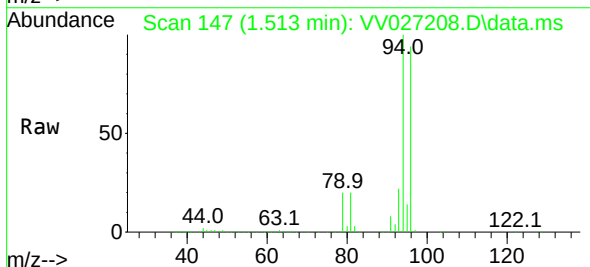
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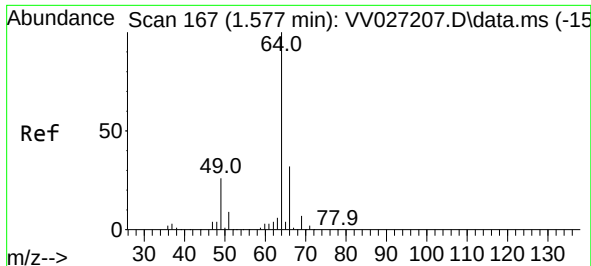
Tgt Ion: 62 Resp: 363665
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 91.707 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

Tgt Ion: 94 Resp: 163097
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.8

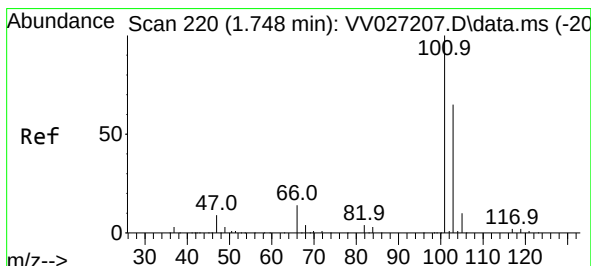
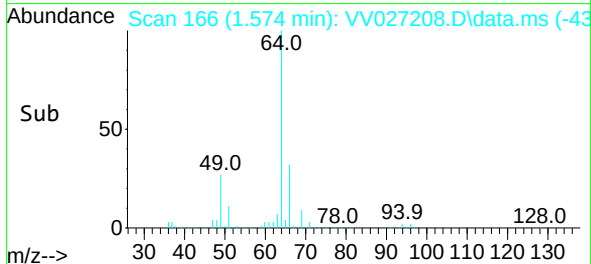
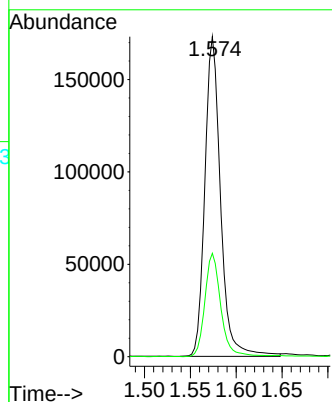
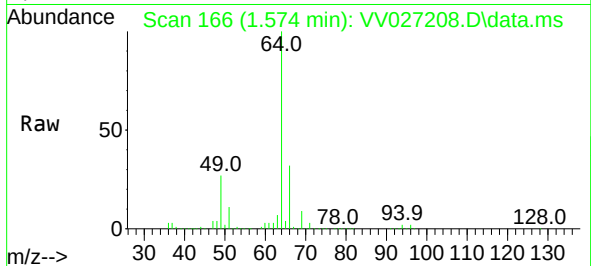




#8
Chloroethane
Concen: 97.899 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

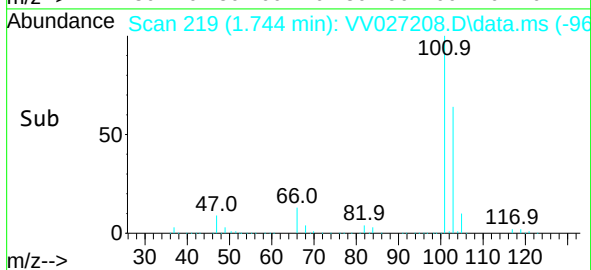
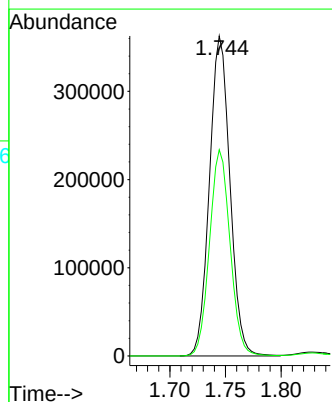
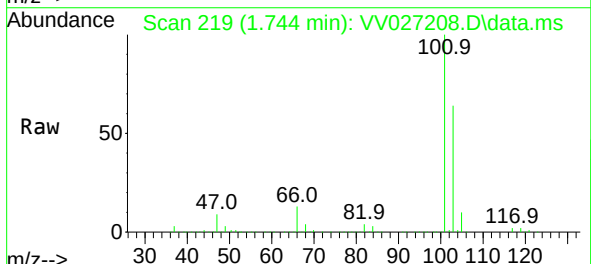
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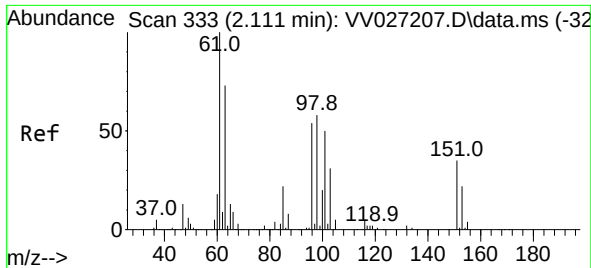
Tgt Ion: 64 Resp: 205760
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 95.851 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:101 Resp: 463975
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

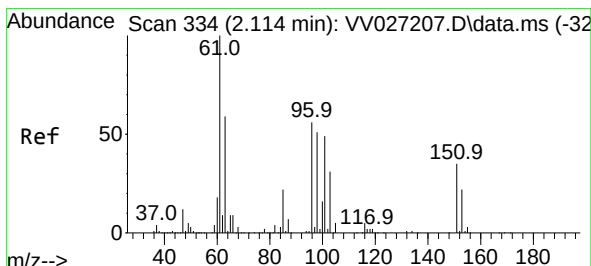
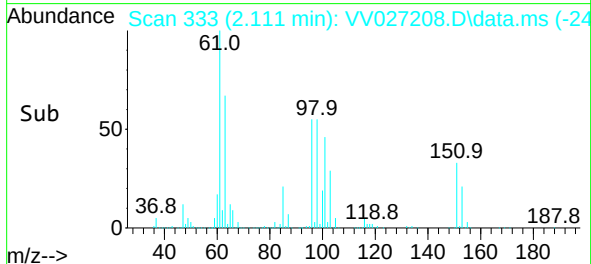
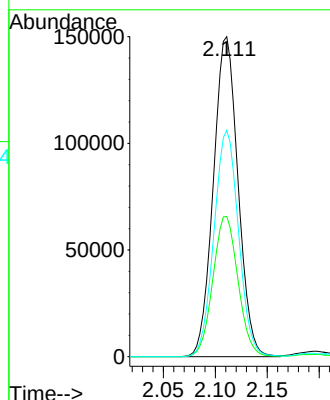
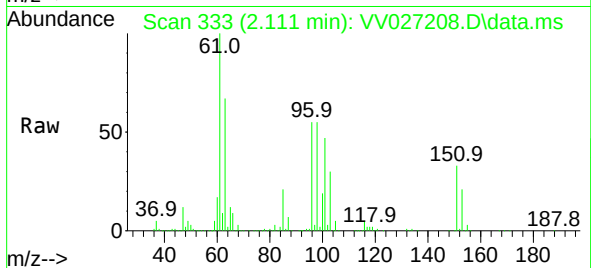




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 92.286 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

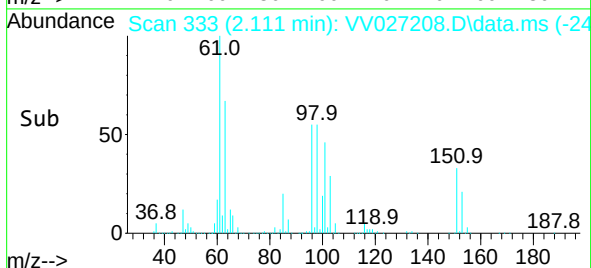
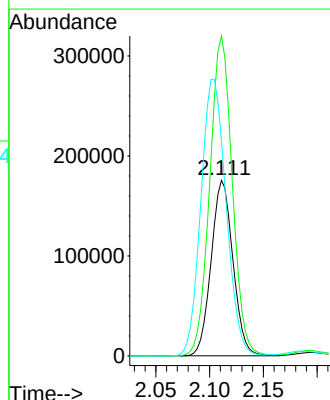
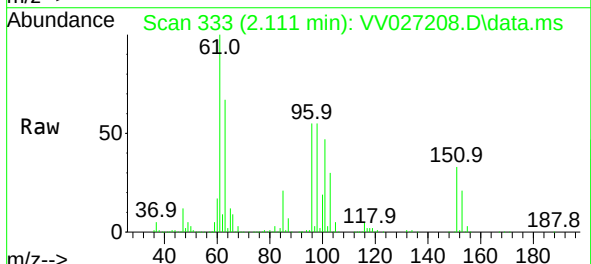
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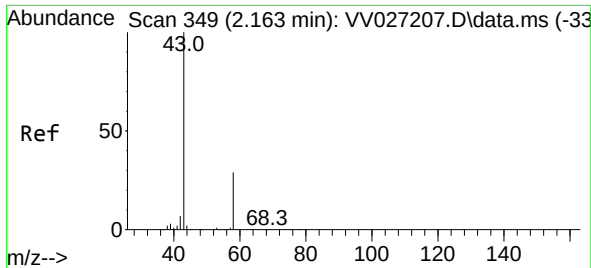
Tgt Ion:101 Resp: 247709
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.1 51.1
 151 70.6 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 95.848 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

Tgt Ion: 96 Resp: 247482
 Ion Ratio Lower Upper
 96 100
 61 182.2 114.3 212.3
 63 122.4 93.4 173.4





#13

Acetone

Concen: 189.413 ug/L

RT: 2.162 min Scan# 349

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

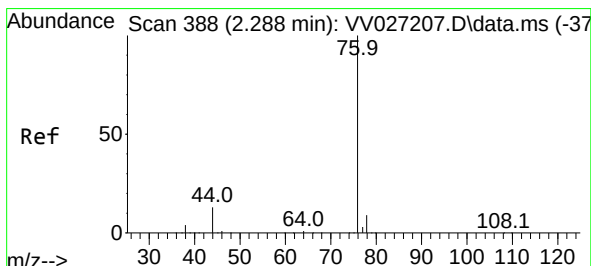
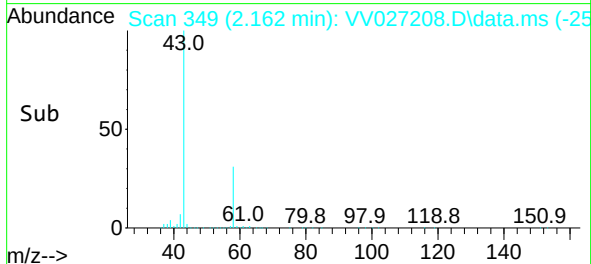
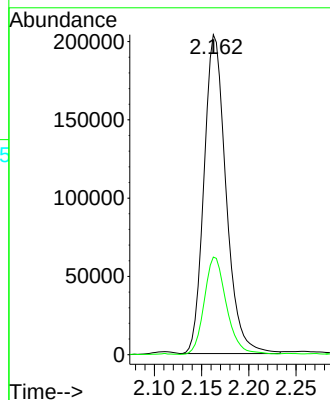
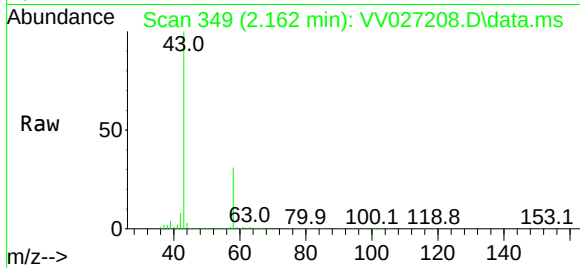
VSTD100255

Tgt Ion: 43 Resp: 330288

Ion Ratio Lower Upper

43 100

58 30.8 0.0 49.6



#14

Carbon disulfide

Concen: 98.519 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027208.D

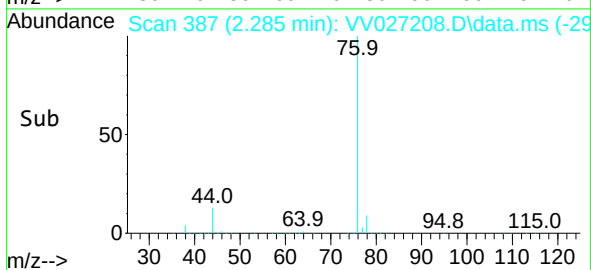
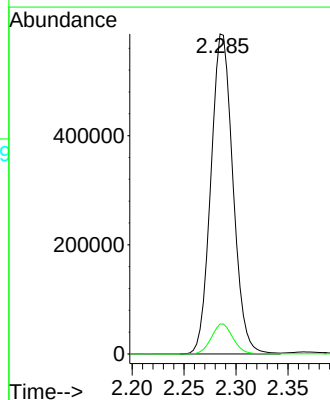
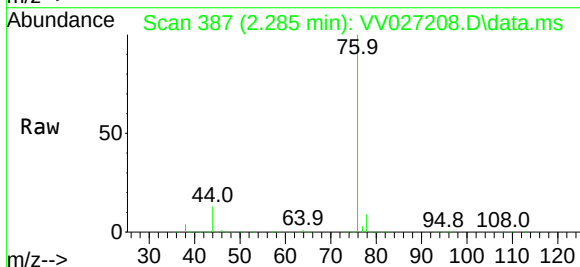
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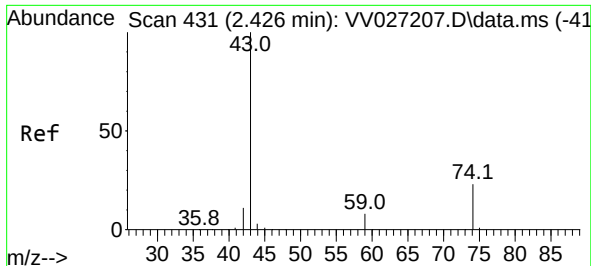
Tgt Ion: 76 Resp: 865761

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

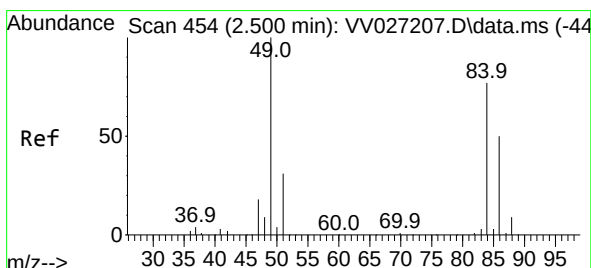
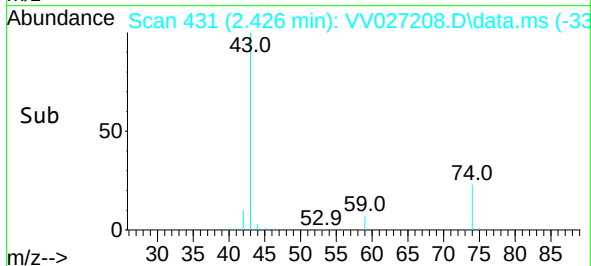
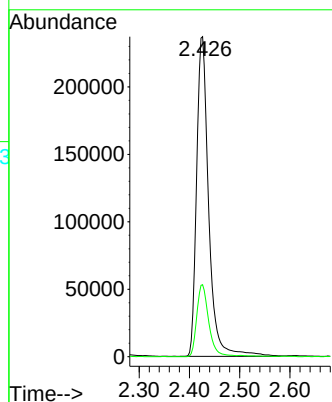
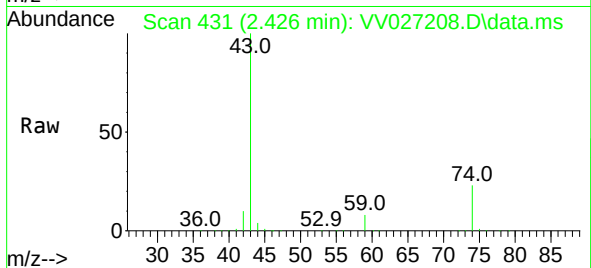




#15
Methyl Acetate
Concen: 98.270 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

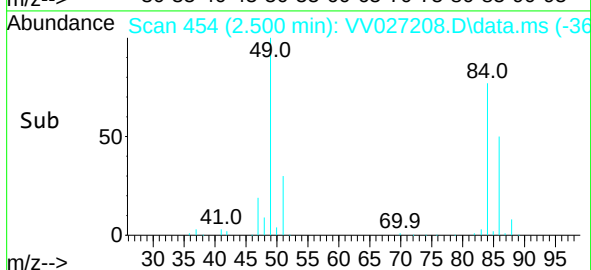
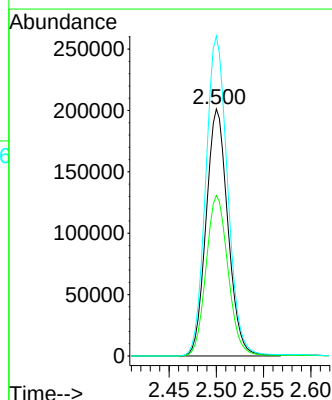
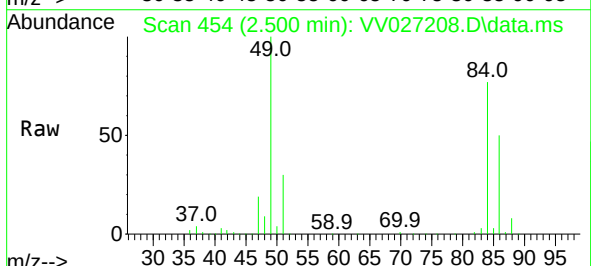
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

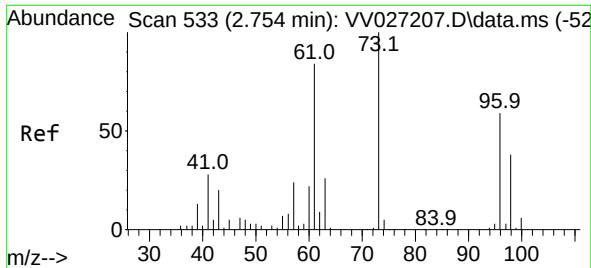
Tgt Ion: 43 Resp: 395837
Ion Ratio Lower Upper
43 100
74 22.2 25.5 38.3#



#16
Methylene chloride
Concen: 93.640 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 84 Resp: 322962
Ion Ratio Lower Upper
84 100
86 64.9 45.0 83.6
49 129.5 74.1 137.7

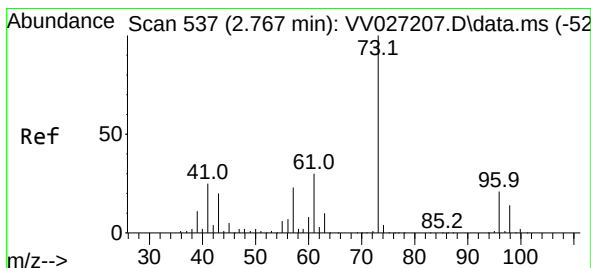
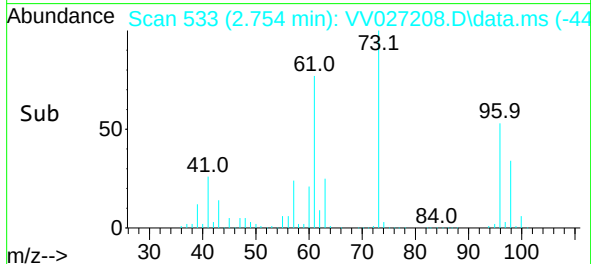
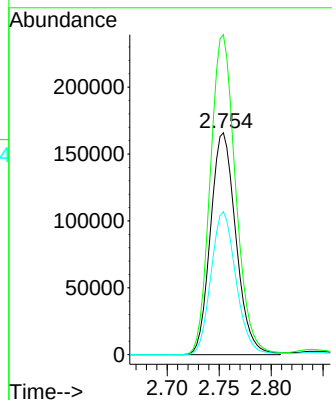
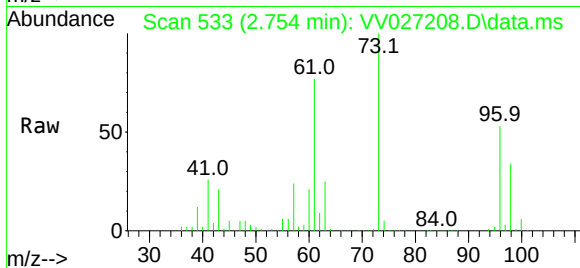




#17
trans-1,2-Dichloroethene
Concen: 98.743 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

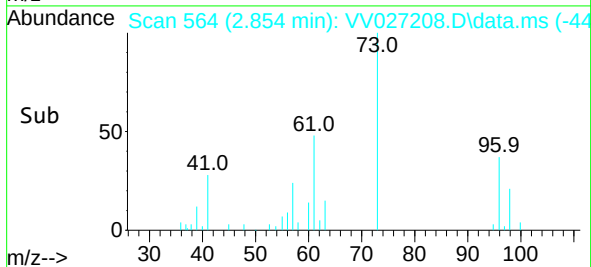
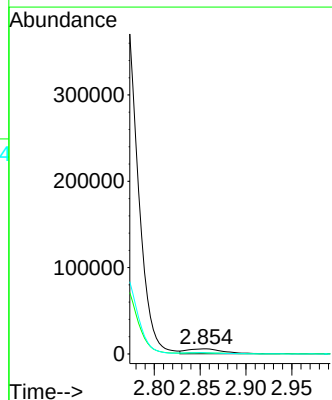
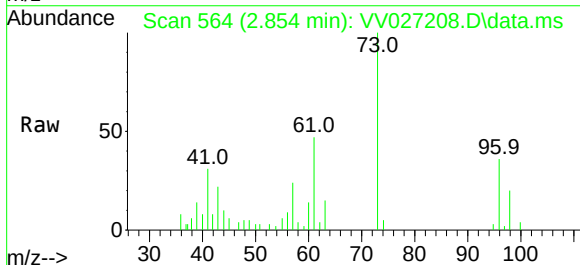
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

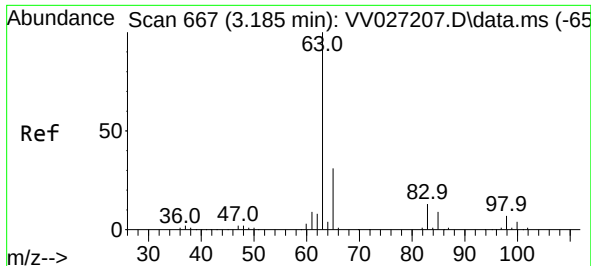
Tgt Ion: 96 Resp: 282138
Ion Ratio Lower Upper
96 100
61 144.2 89.2 165.6
98 64.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 1.853 ug/L
RT: 2.854 min Scan# 564
Delta R.T. 0.087 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 73 Resp: 15748
Ion Ratio Lower Upper
73 100
43 13.6 12.6 18.8
57 25.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 97.047 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

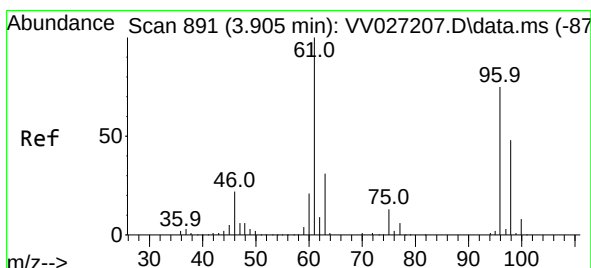
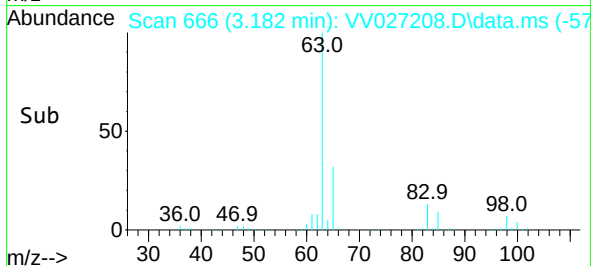
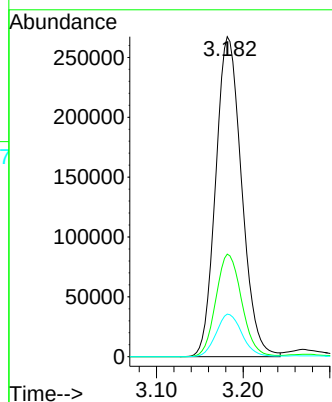
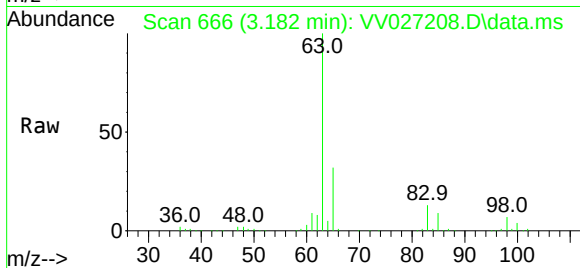
Tgt Ion: 63 Resp: 556655

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 105.452 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

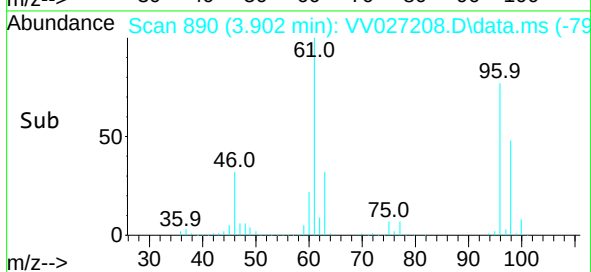
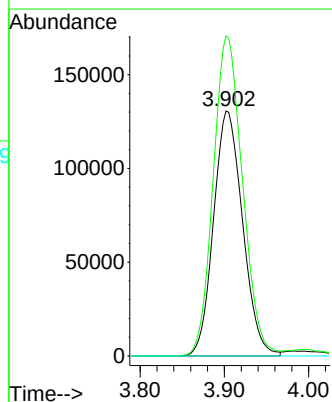
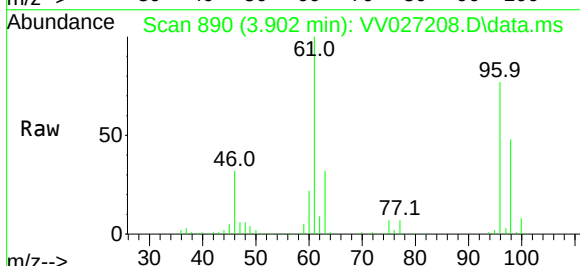
Tgt Ion: 96 Resp: 313004

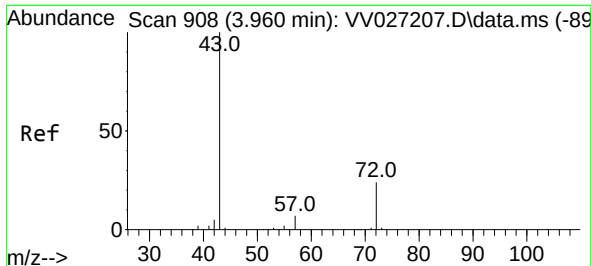
Ion Ratio Lower Upper

96 100

61 130.6 81.8 151.8

68 0.0 0.0 0.0

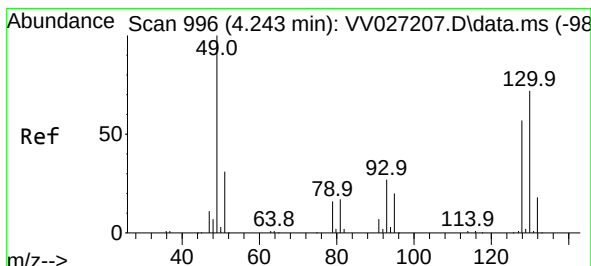
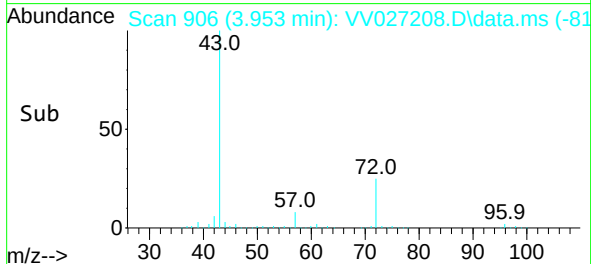
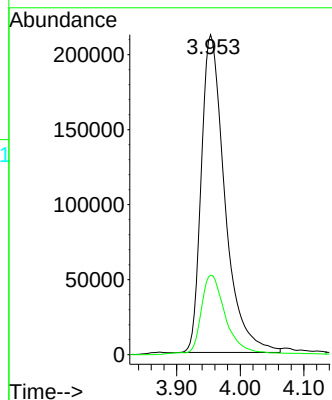
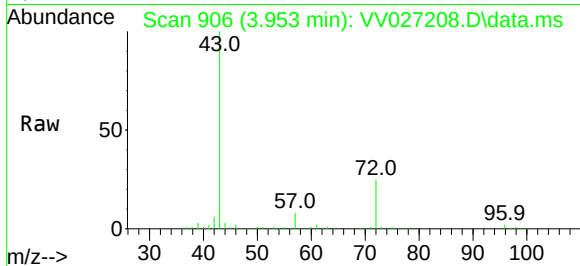




#22
2-Butanone
Concen: 228.490 ug/L
RT: 3.953 min Scan# 908
Delta R.T. -0.007 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

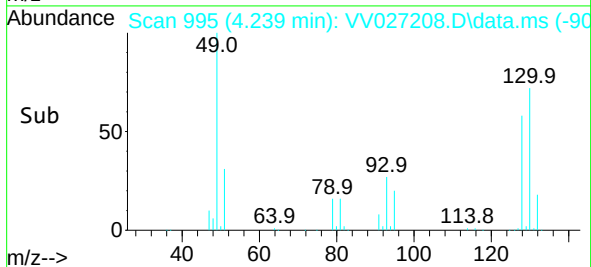
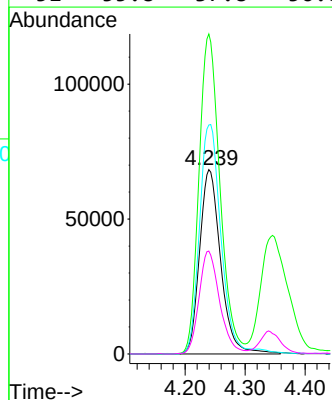
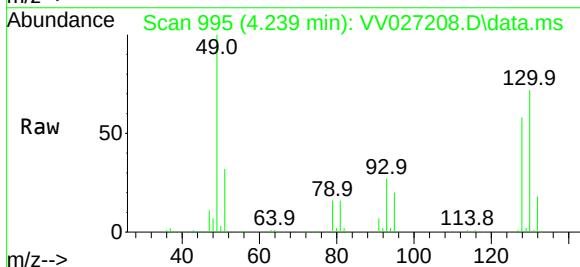
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

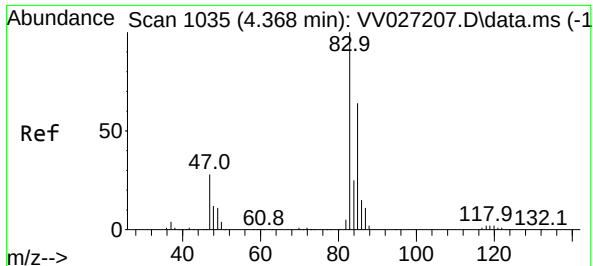
Tgt Ion: 43 Resp: 546234
Ion Ratio Lower Upper
43 100
72 24.7 11.9 35.7



#23
Bromochloromethane
Concen: 100.922 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:128 Resp: 167280
Ion Ratio Lower Upper
128 100
49 173.6 98.7 183.3
130 124.2 89.5 166.1
51 55.8 37.8 56.8





#25

Chloroform

Concen: 96.780 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

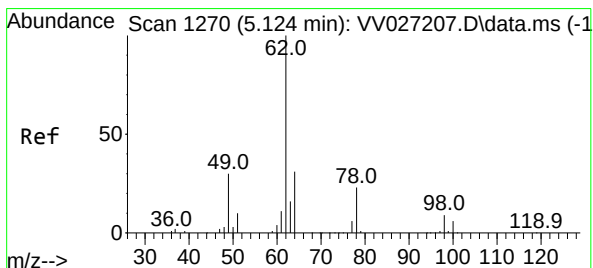
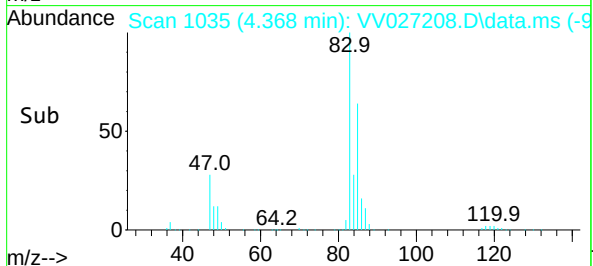
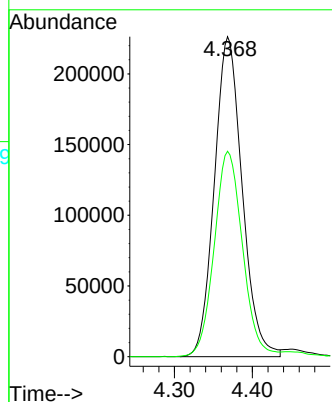
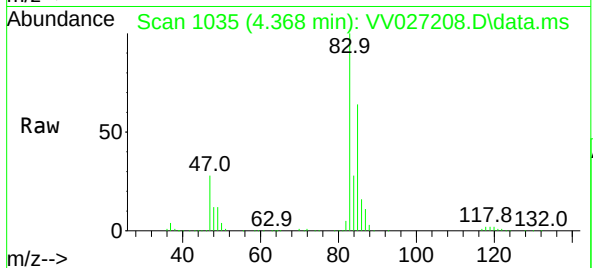
VSTD100255

Tgt Ion: 83 Resp: 561006

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 101.746 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV027208.D

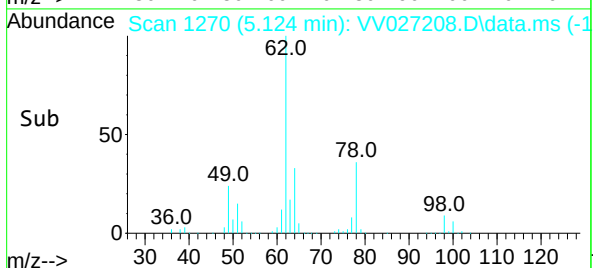
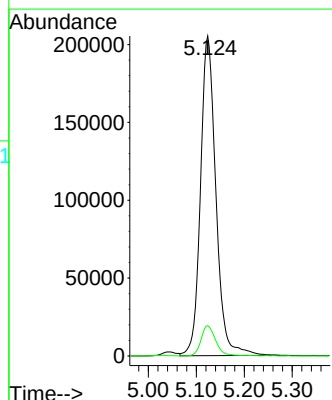
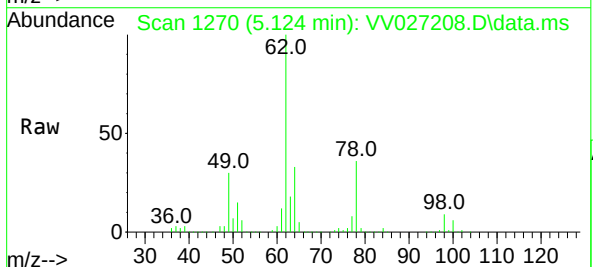
Acq: 04 Aug 2022 12:33

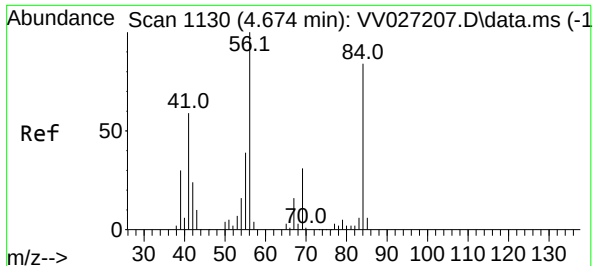
Tgt Ion: 62 Resp: 459345

Ion Ratio Lower Upper

62 100

98 9.5 9.0 13.6





#29

Cyclohexane

Concen: 112.622 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

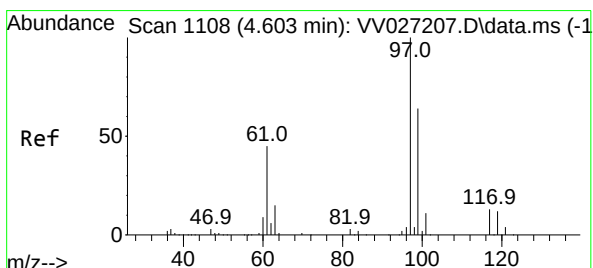
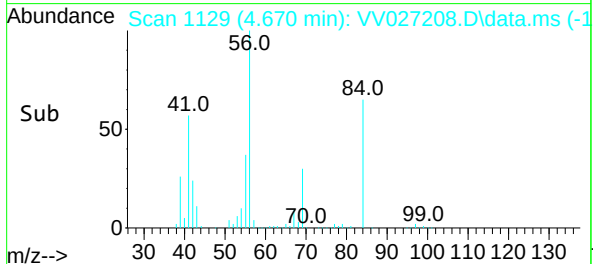
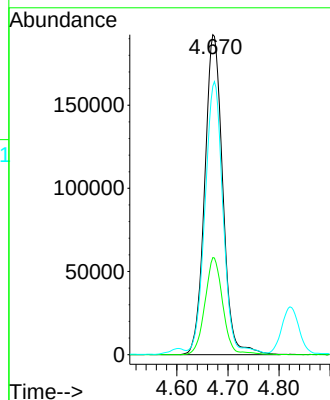
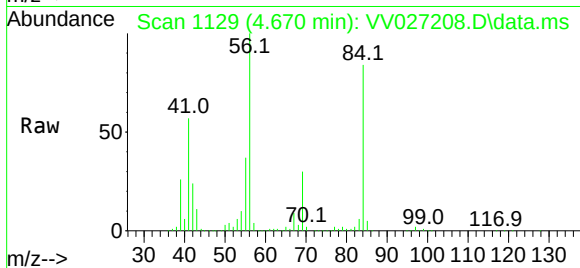
Tgt Ion: 56 Resp: 472366

Ion Ratio Lower Upper

56 100

69 29.4 25.9 38.9

84 81.2 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 101.034 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

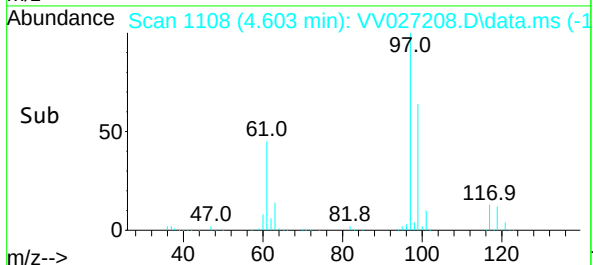
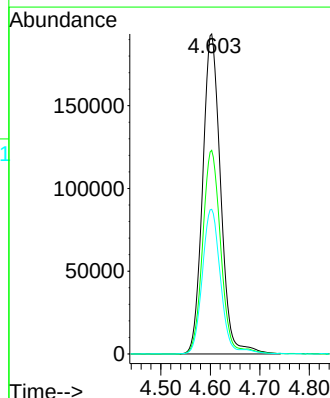
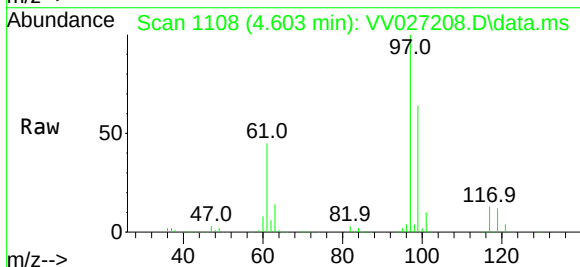
Tgt Ion: 97 Resp: 487702

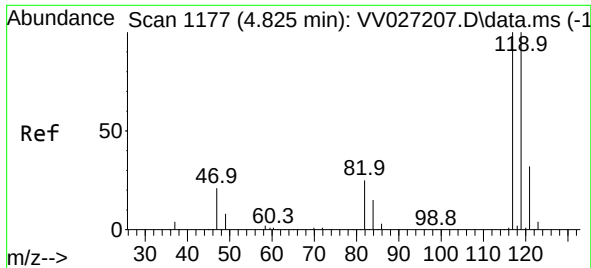
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.2

61 44.8 32.1 48.1

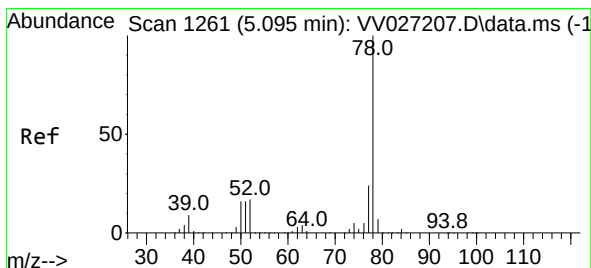
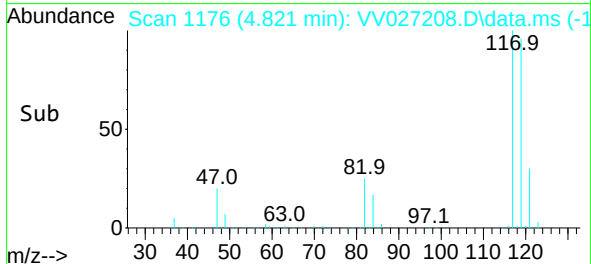
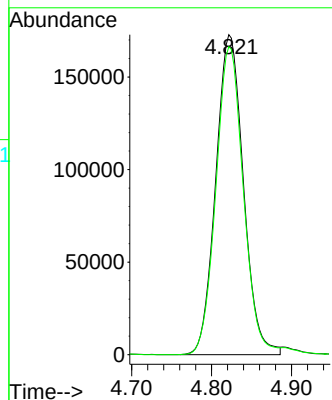
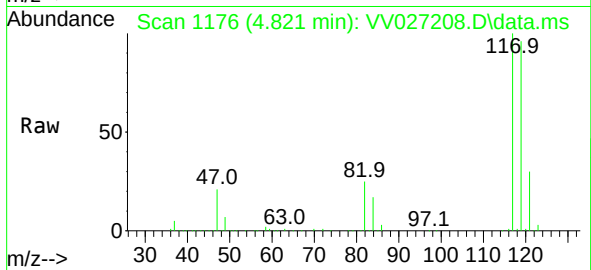




#31
Carbon tetrachloride
Concen: 99.064 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

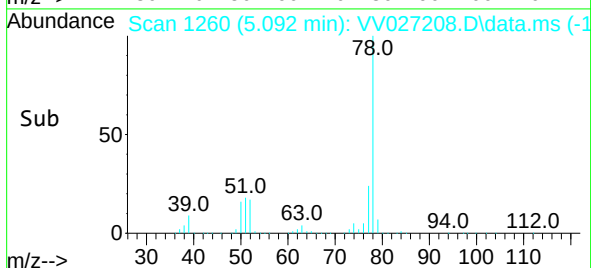
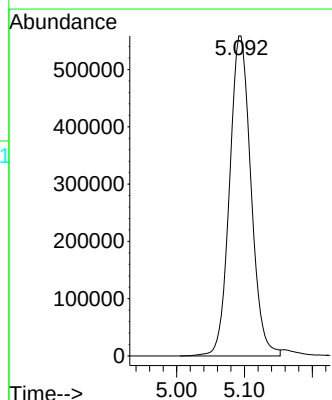
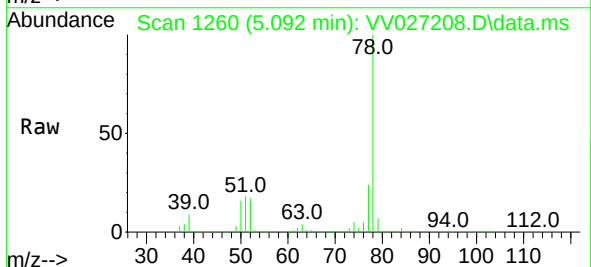
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

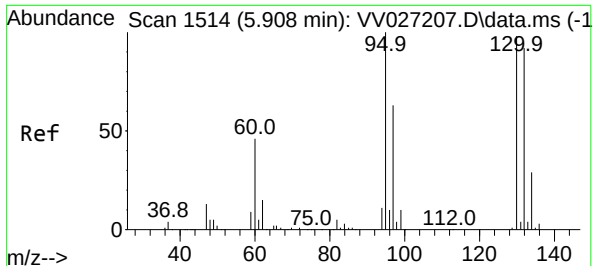
Tgt Ion:117 Resp: 415167
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6



#33
Benzene
Concen: 104.657 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 78 Resp: 1224833





#34

Trichloroethene

Concen: 100.428 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

Tgt Ion: 95 Resp: 300946

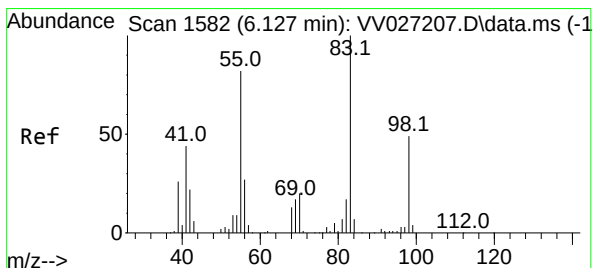
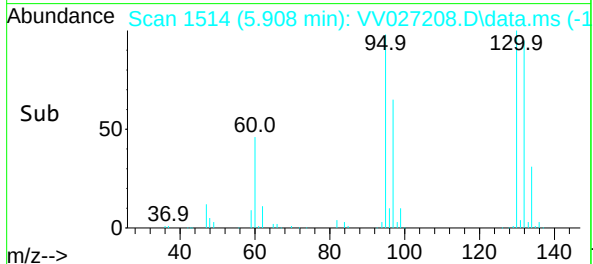
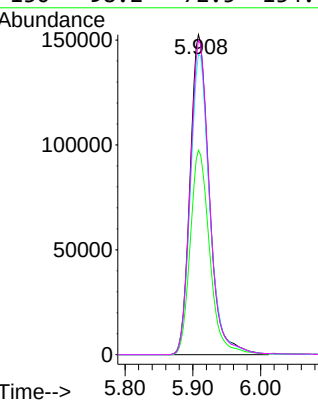
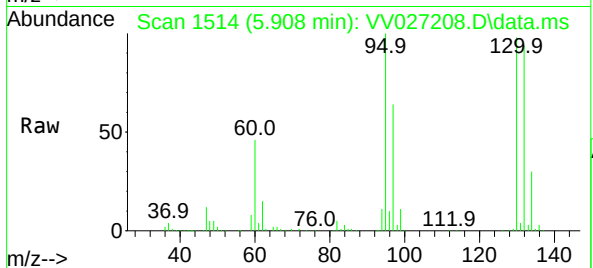
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 93.7 69.8 129.6

130 98.2 72.5 134.7



#35

Methylcyclohexane

Concen: 108.402 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

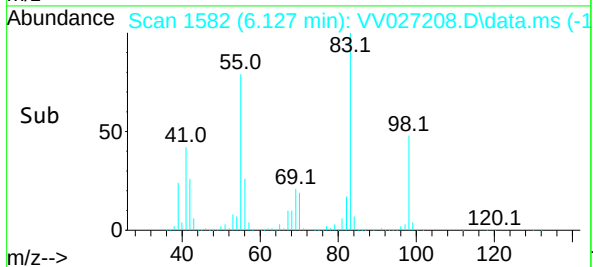
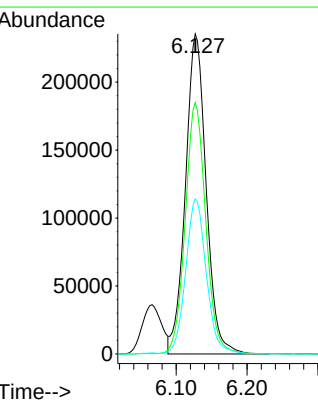
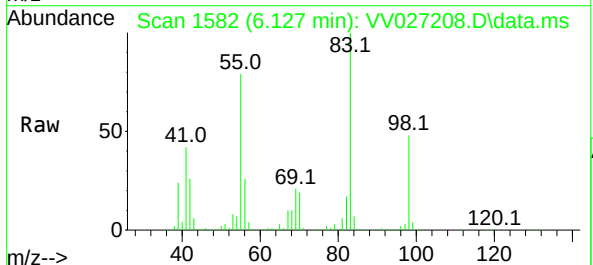
Tgt Ion: 83 Resp: 477657

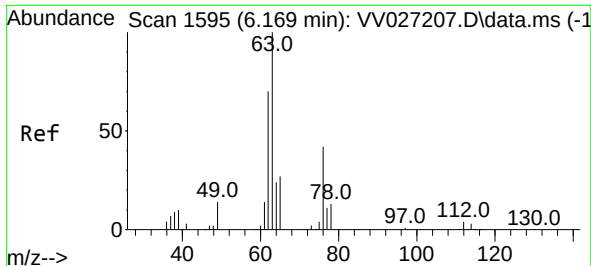
Ion Ratio Lower Upper

83 100

55 77.8 55.5 83.3

98 48.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 102.147 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

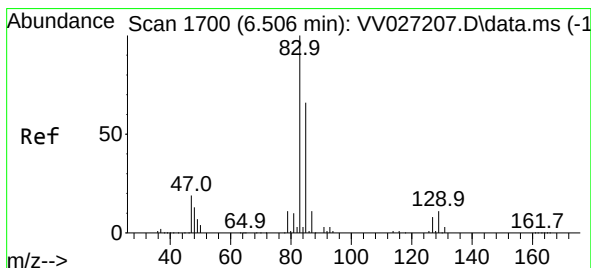
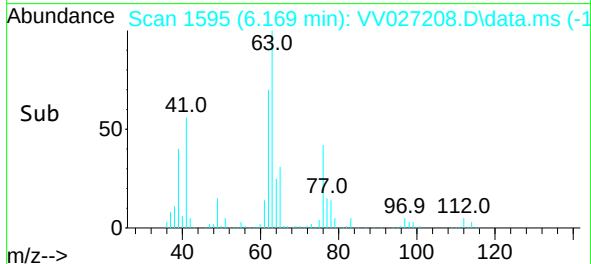
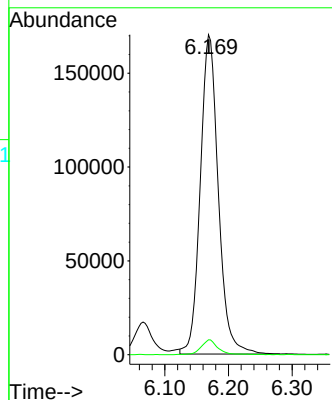
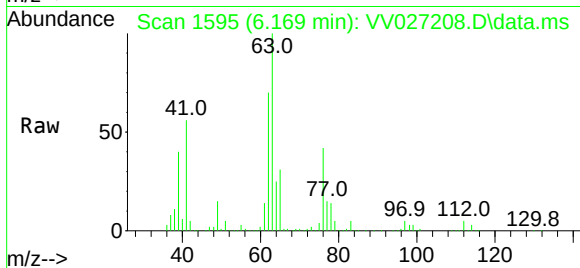
VSTD100255

Tgt Ion: 63 Resp: 334908

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 99.217 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

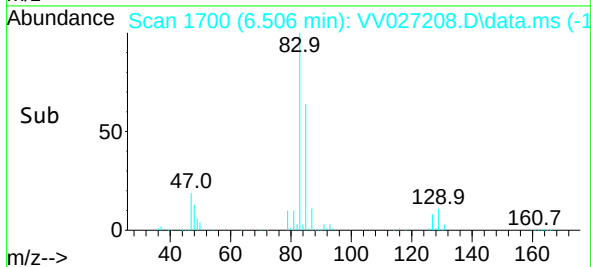
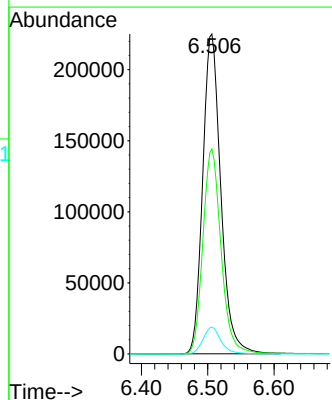
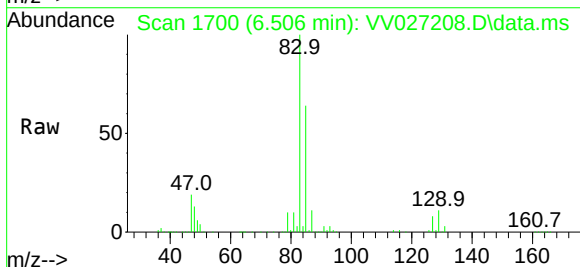
Tgt Ion: 83 Resp: 426232

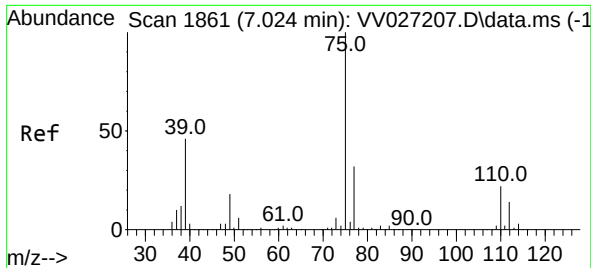
Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 111.225 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

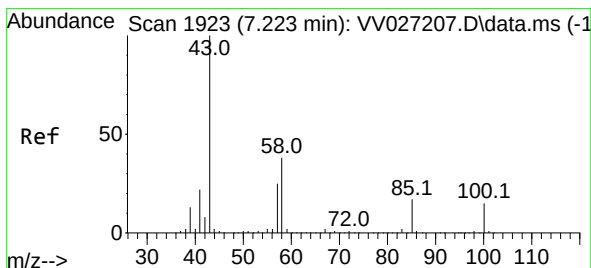
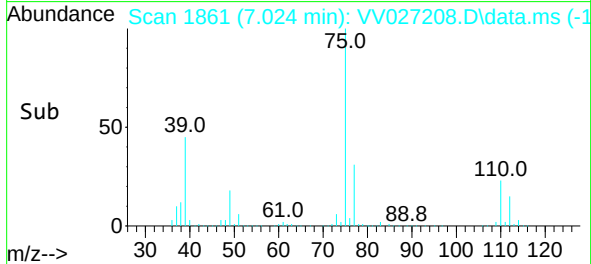
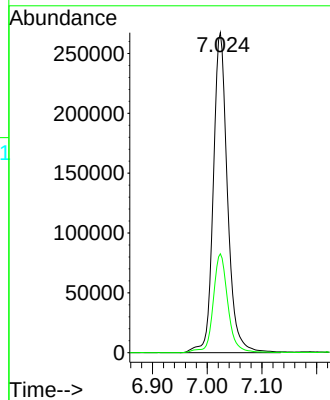
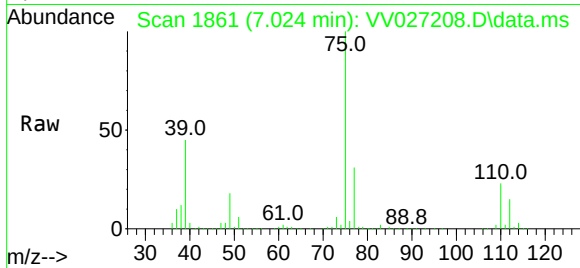
VSTD100255

Tgt Ion: 75 Resp: 483049

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 226.247 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

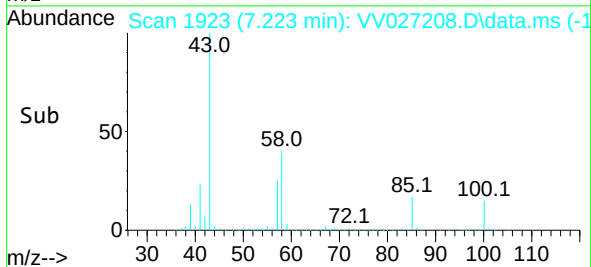
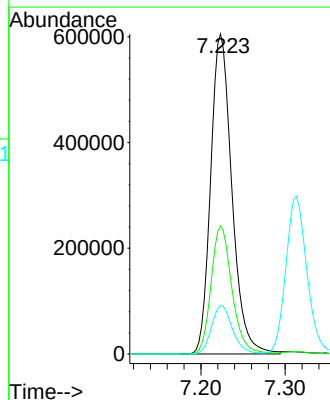
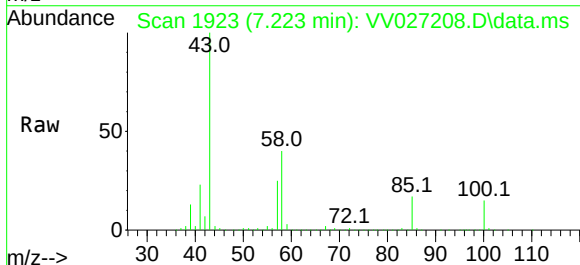
Tgt Ion: 43 Resp: 1058236

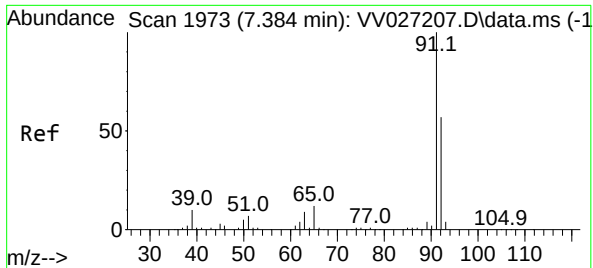
Ion Ratio Lower Upper

43 100

58 39.4 35.3 52.9

100 15.0 15.7 23.5

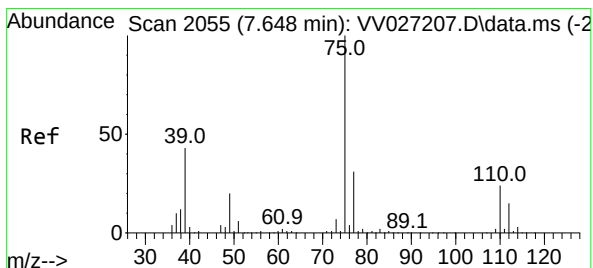
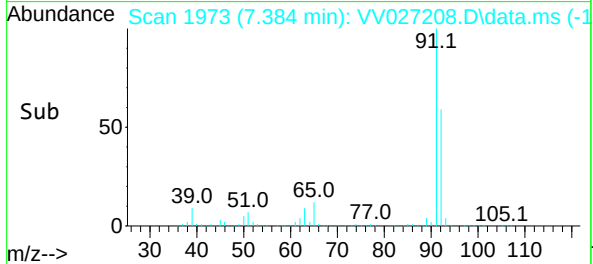
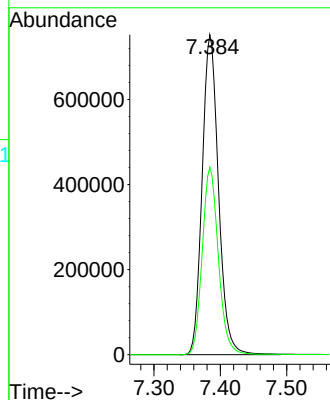
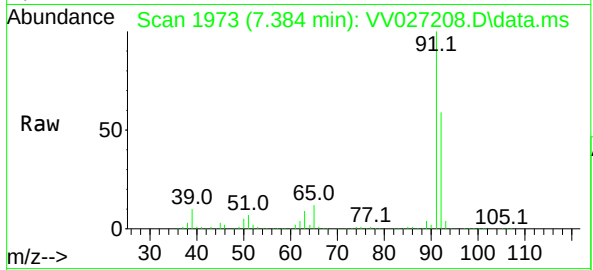




#42
Toluene
Concen: 108.353 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

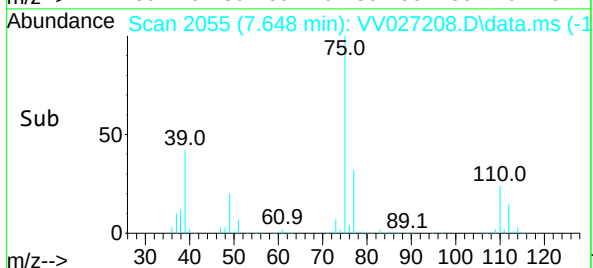
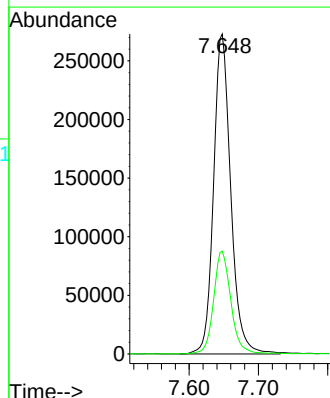
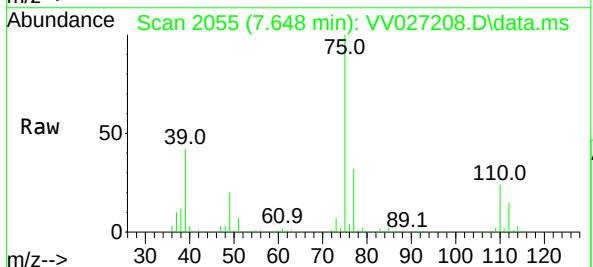
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

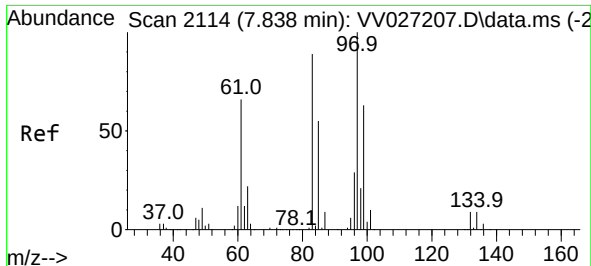
Tgt Ion: 91 Resp: 1289308
Ion Ratio Lower Upper
91 100
92 58.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 109.945 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 75 Resp: 469238
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 99.025 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

Tgt Ion: 97 Resp: 312922

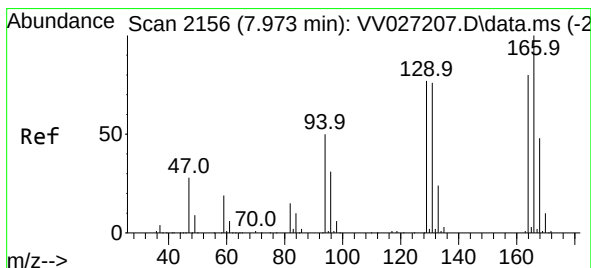
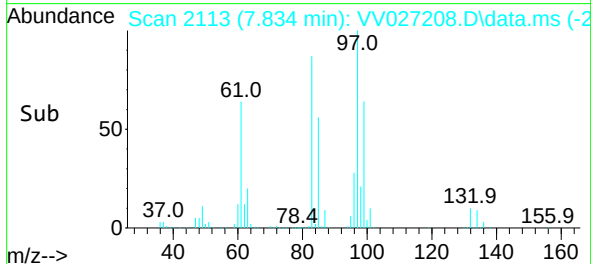
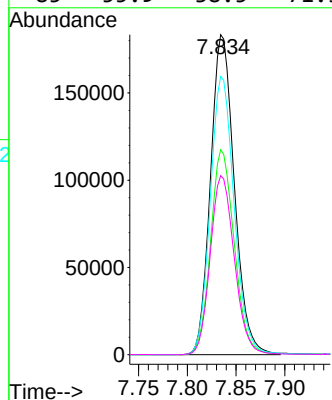
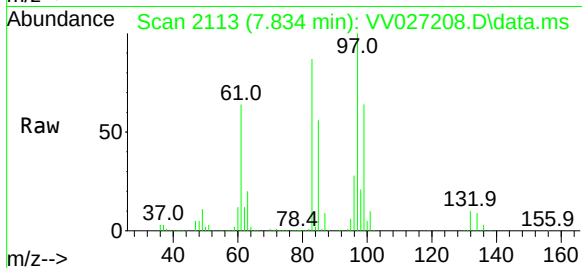
Ion Ratio Lower Upper

97 100

99 64.0 43.2 80.2

83 87.0 58.0 107.6

85 55.9 38.5 71.5



#46

Tetrachloroethene

Concen: 99.096 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Tgt Ion:164 Resp: 217346

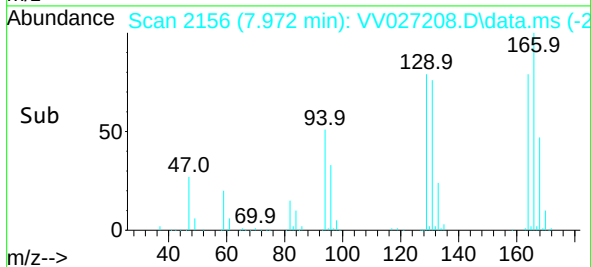
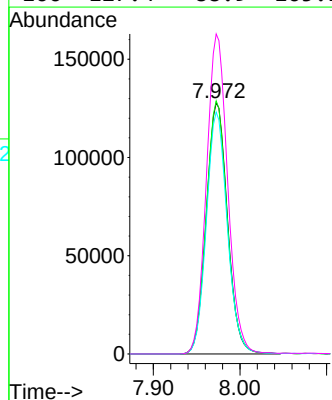
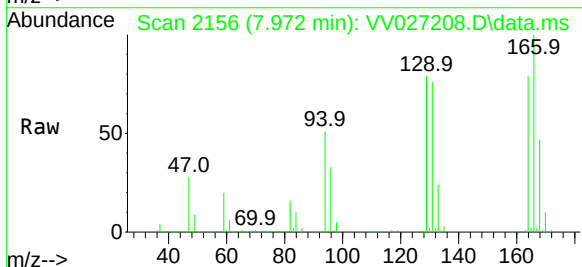
Ion Ratio Lower Upper

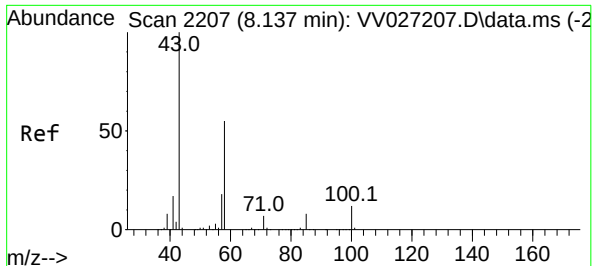
164 100

129 100.8 67.5 125.4

131 96.3 64.3 119.3

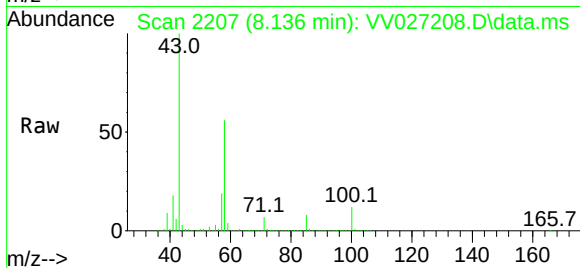
166 127.4 88.9 165.1



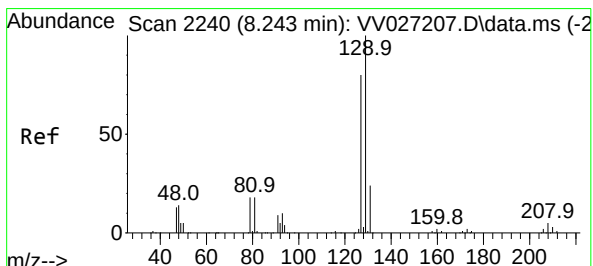
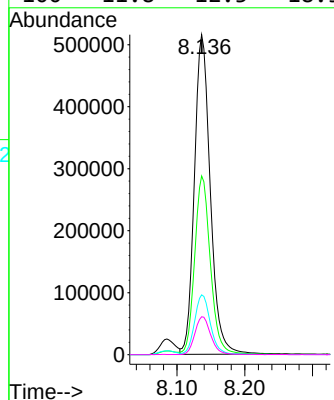
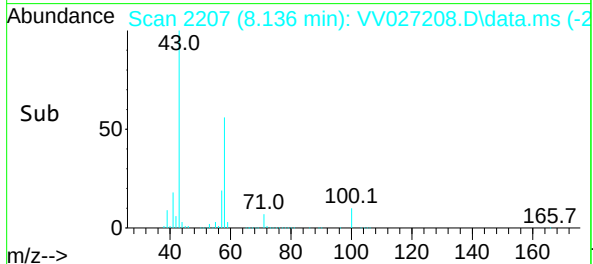


#48
2-Hexanone
Concen: 226.048 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

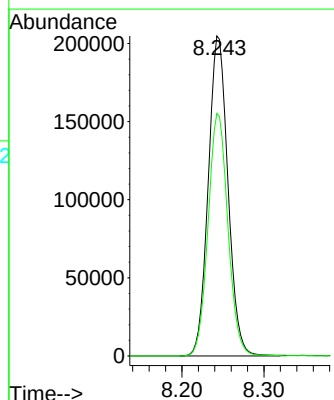
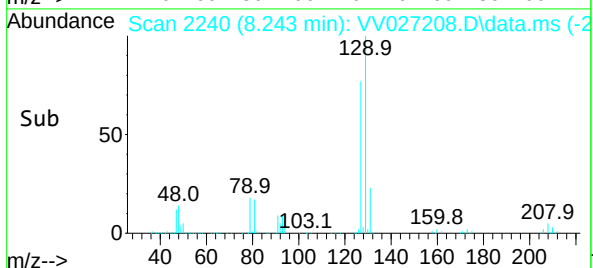
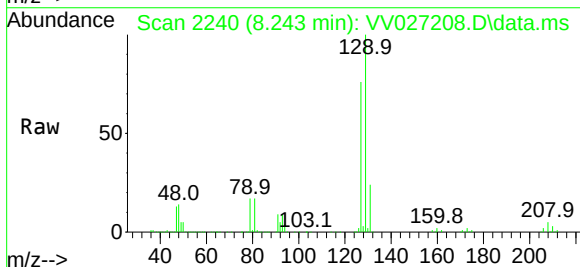


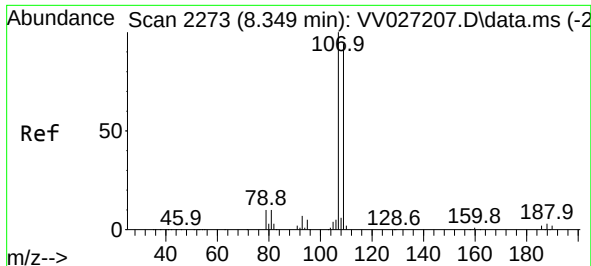
Tgt Ion: 43 Resp: 842079
Ion Ratio Lower Upper
43 100
58 55.2 50.8 76.2
57 18.2 17.1 25.7
100 11.8 12.3 18.5#



#49
Dibromochloromethane
Concen: 102.268 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 129 Resp: 341615
Ion Ratio Lower Upper
129 100
127 75.8 53.3 98.9





#50

1,2-Dibromoethane

Concen: 103.353 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

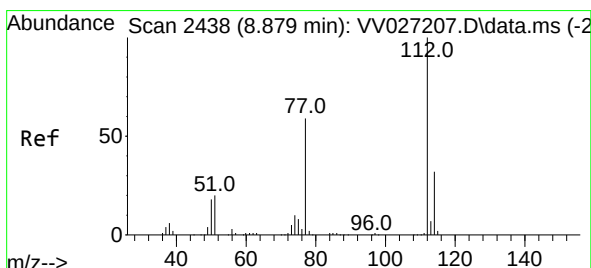
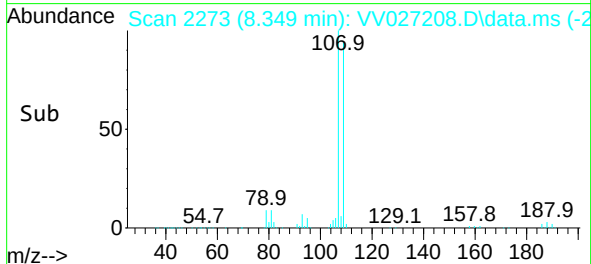
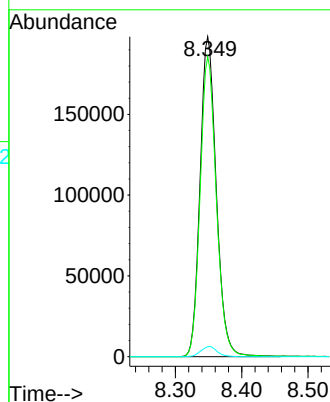
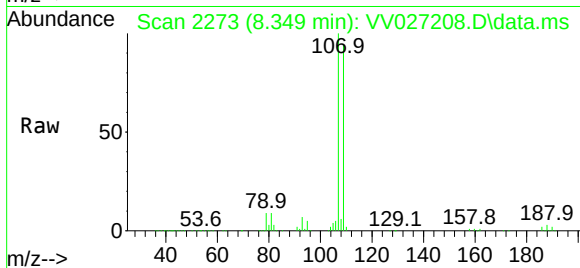
Tgt Ion:107 Resp: 336058

Ion Ratio Lower Upper

107 100

109 93.7 65.7 121.9

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 100.962 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

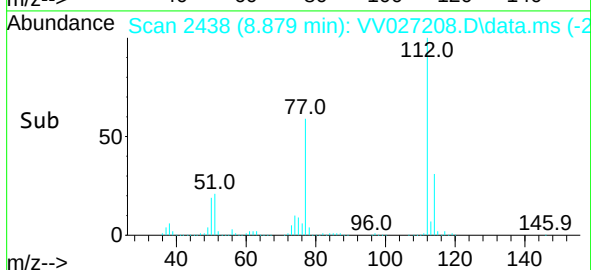
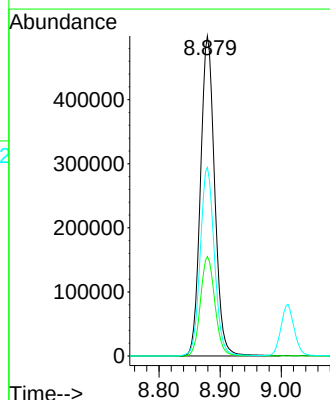
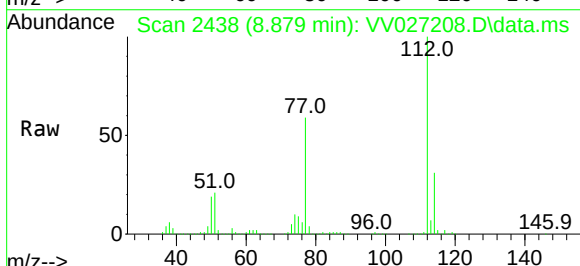
Tgt Ion:112 Resp: 805816

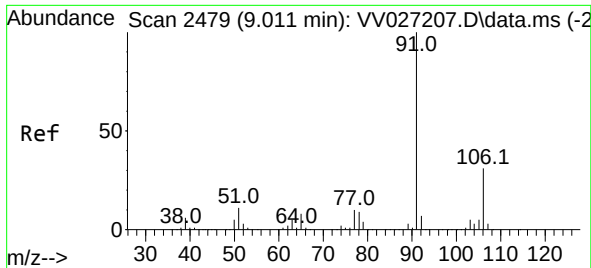
Ion Ratio Lower Upper

112 100

114 31.0 22.8 42.4

77 58.9 44.2 66.2

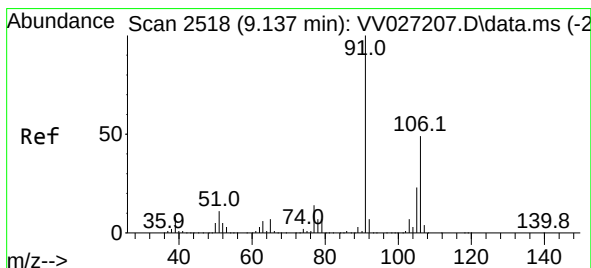
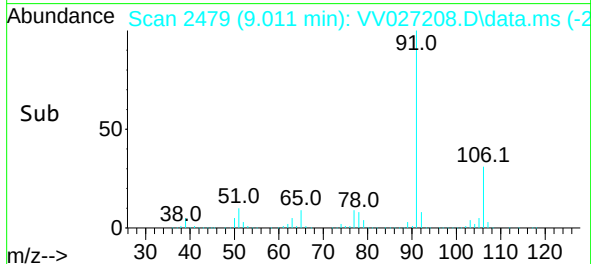
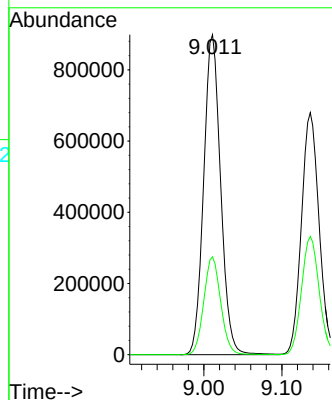
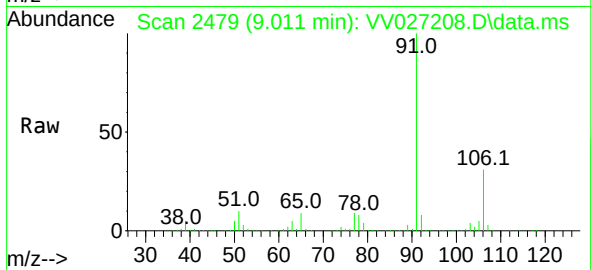




#52
Ethylbenzene
Concen: 110.667 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

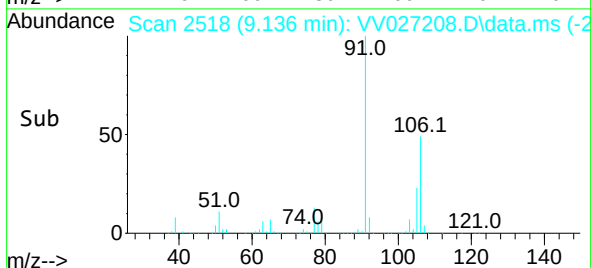
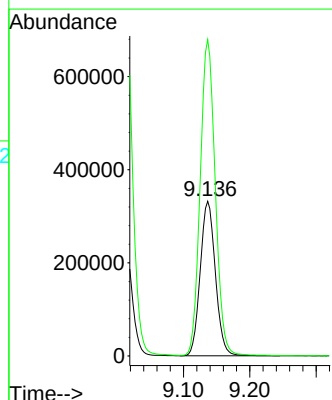
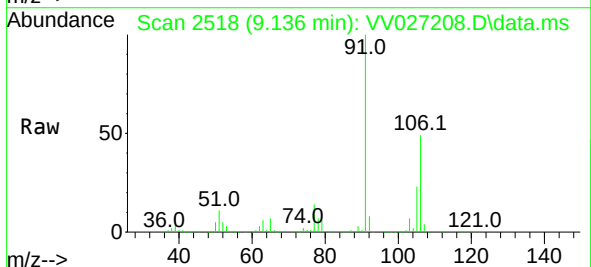
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

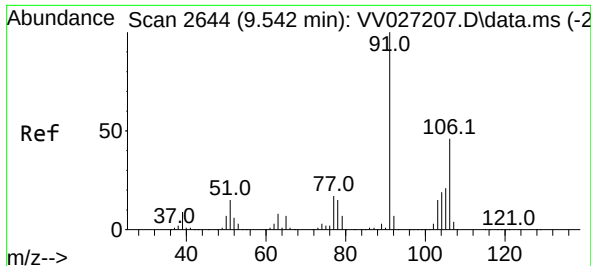
Tgt Ion: 91 Resp: 1358805
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6



#53
m,p-Xylene
Concen: 113.437 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 106 Resp: 526388
Ion Ratio Lower Upper
106 100
91 204.6 137.5 255.3

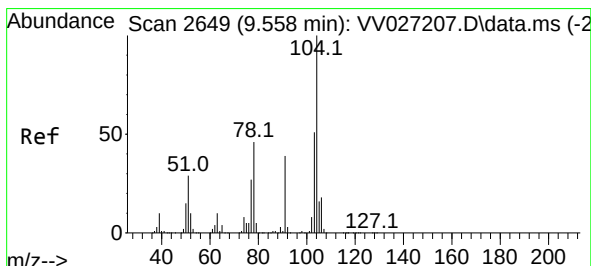
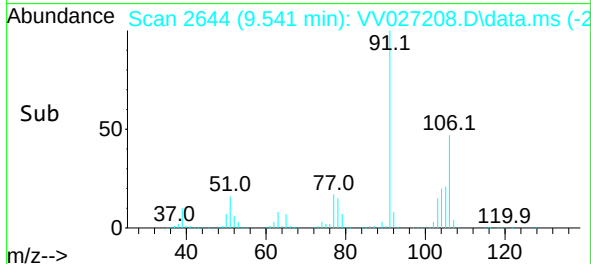
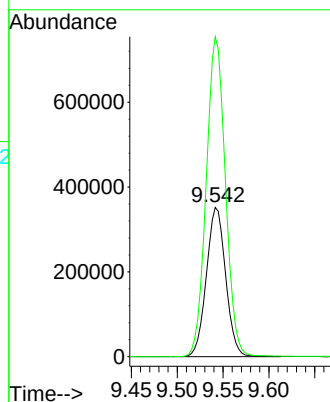
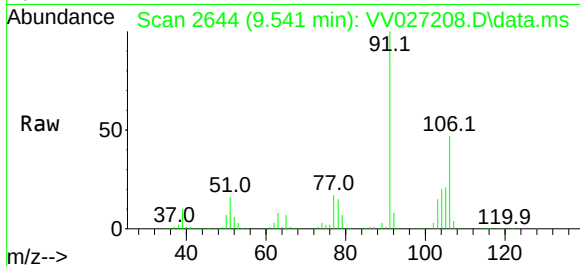




#54
o-Xylene
Concen: 113.782 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

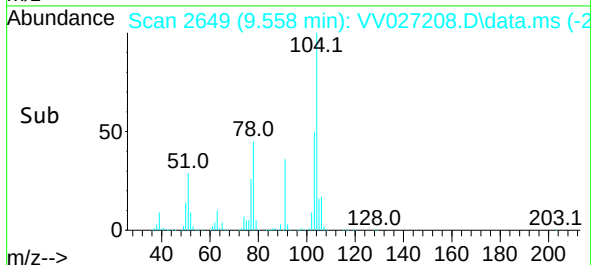
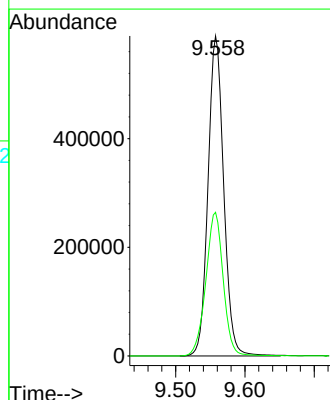
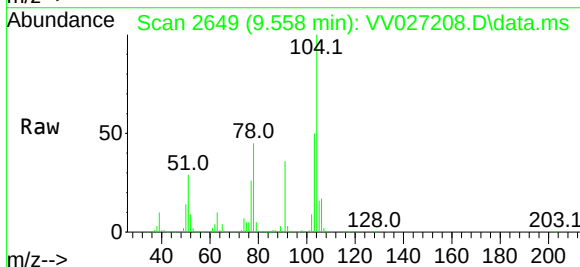
Instrument : MSVOA_V
ClientSampleId : VSTD100255

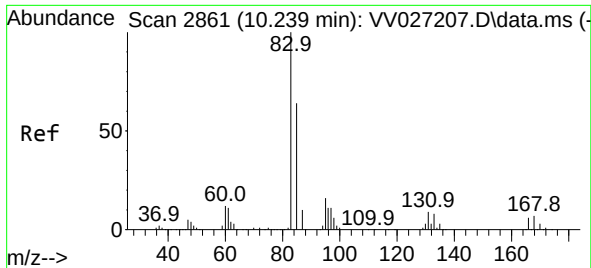
Tgt Ion:106 Resp: 514387
Ion Ratio Lower Upper
106 100
91 214.3 146.6 272.2



#55
Styrene
Concen: 115.986 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:104 Resp: 923691
Ion Ratio Lower Upper
104 100
78 44.9 29.6 55.0

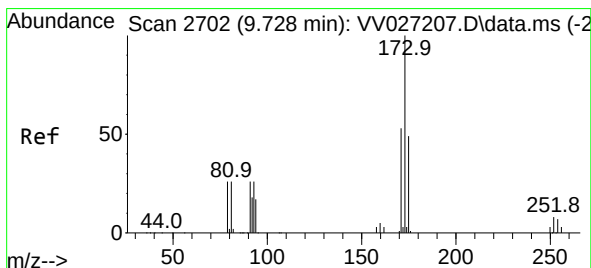
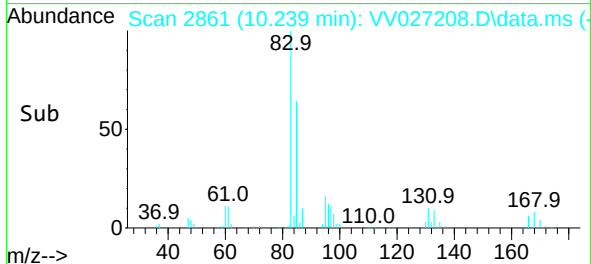
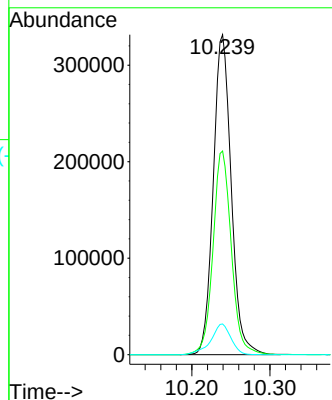
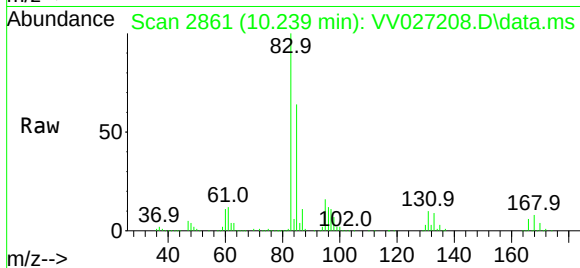




#57
 1,1,2,2-Tetrachloroethane
 Concen: 100.202 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

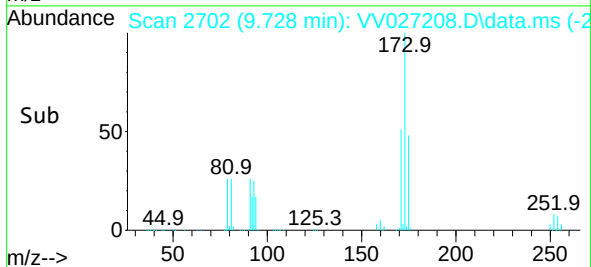
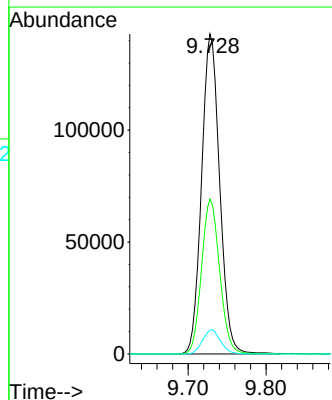
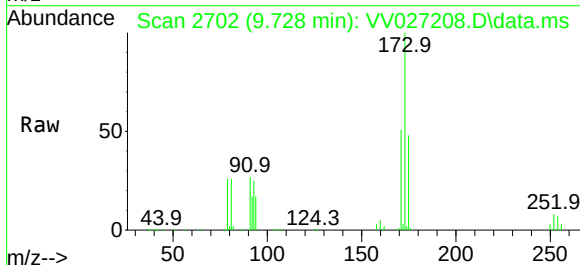
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100255

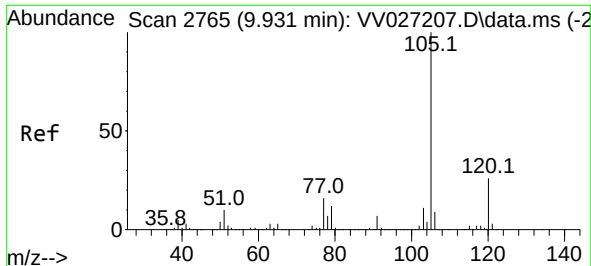
Tgt Ion: 83 Resp: 530459
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.2 84.0
 131 9.6 8.1 12.1



#59
 Bromoform
 Concen: 98.413 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027208.D
 Acq: 04 Aug 2022 12:33

Tgt Ion: 173 Resp: 230736
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.0 58.4
 254 7.5 6.9 10.3

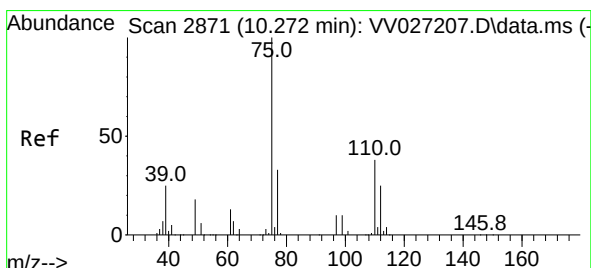
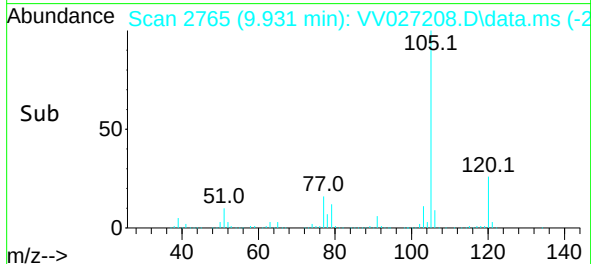
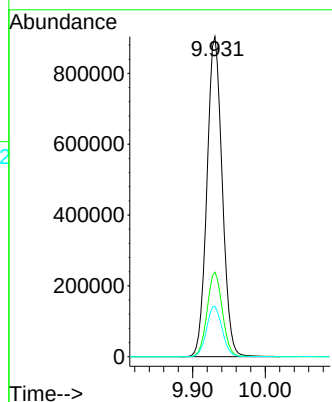
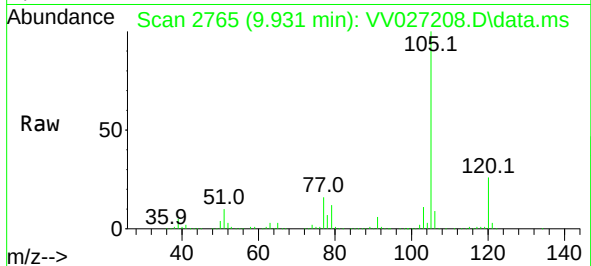




#60
Isopropylbenzene
Concen: 106.318 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

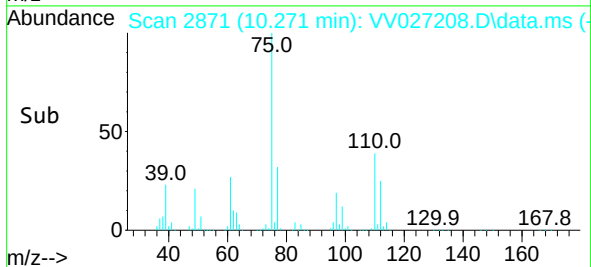
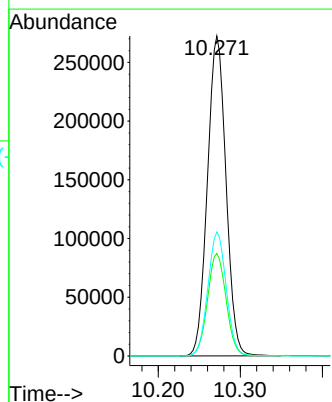
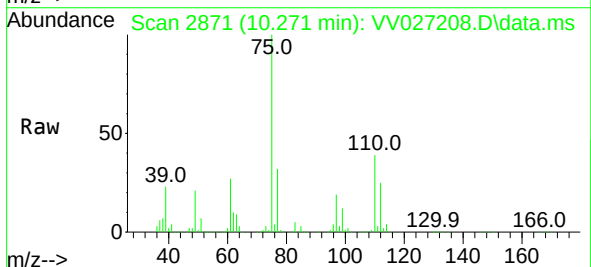
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

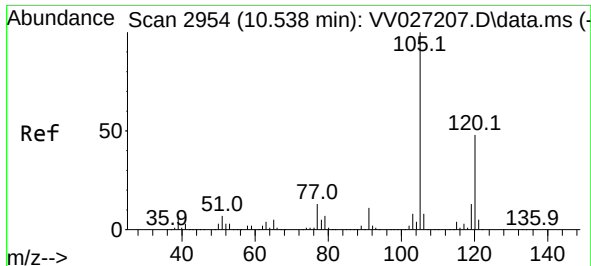
Tgt Ion:105 Resp: 1322181
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 16.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 94.326 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion: 75 Resp: 427333
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 38.5 32.7 49.1

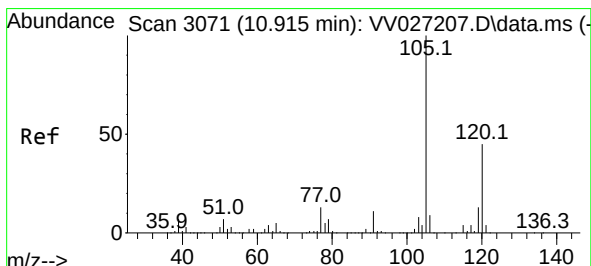
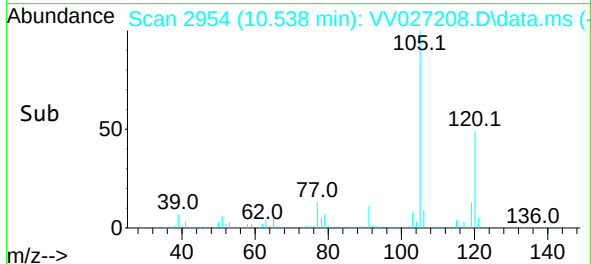
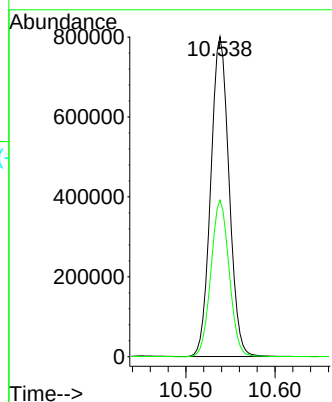
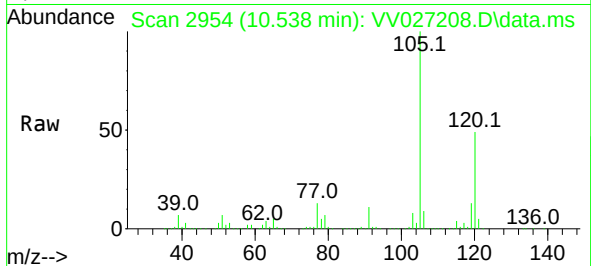




#62
1,3,5-Trimethylbenzene
Concen: 111.151 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

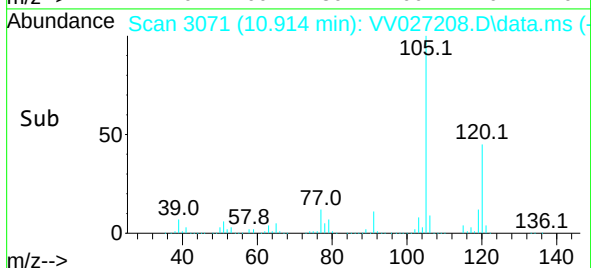
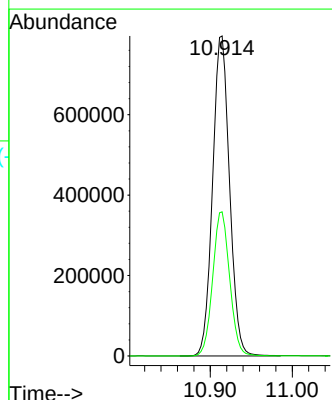
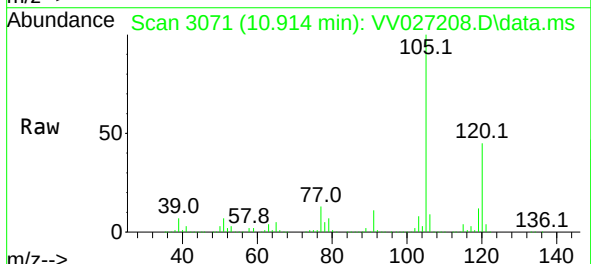
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

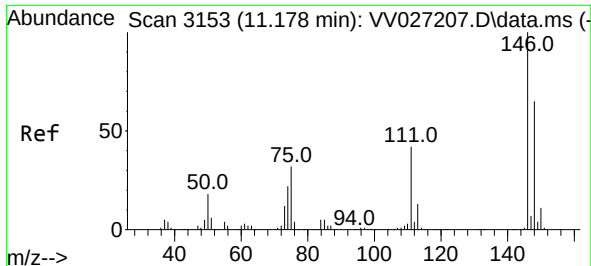
Tgt Ion:105 Resp: 1141532
Ion Ratio Lower Upper
105 100
120 48.7 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 113.339 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:105 Resp: 1140284
Ion Ratio Lower Upper
105 100
120 45.2 37.0 55.6

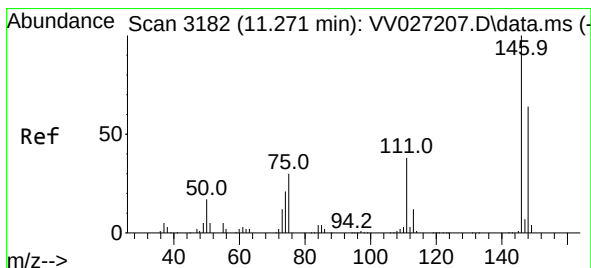
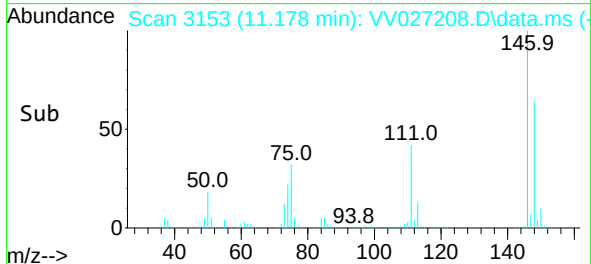
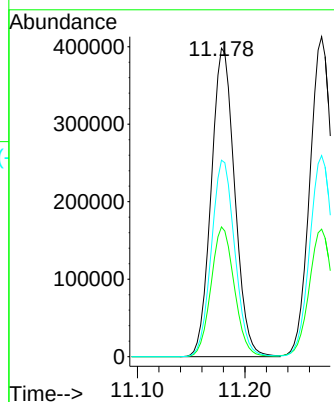
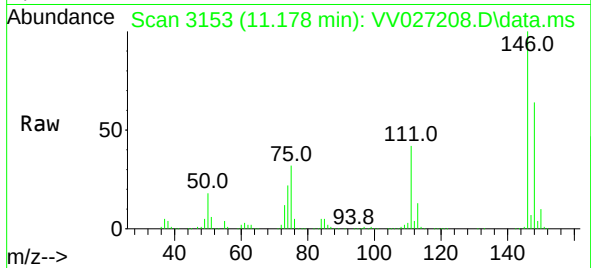




#64
1,3-Dichlorobenzene
Concen: 100.485 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

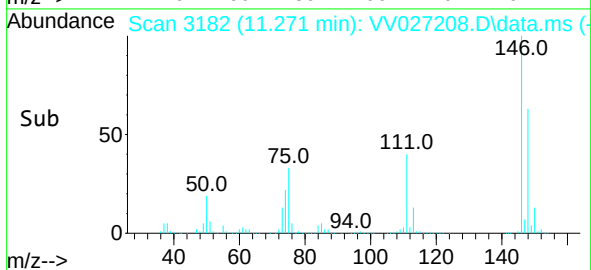
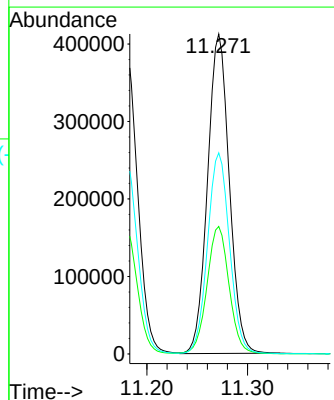
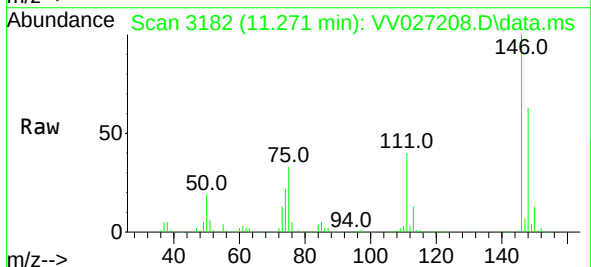
Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

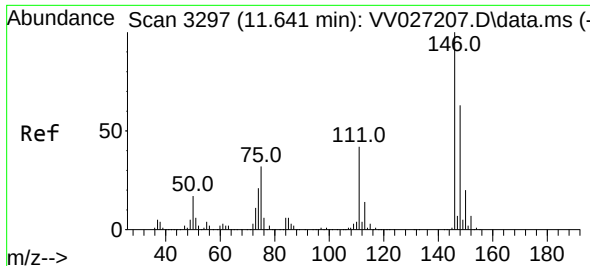
Tgt Ion:146 Resp: 605654
Ion Ratio Lower Upper
146 100
111 42.1 28.4 52.8
148 63.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 97.541 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:146 Resp: 618720
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 62.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 99.402 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

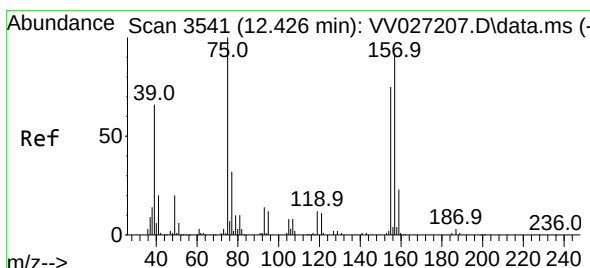
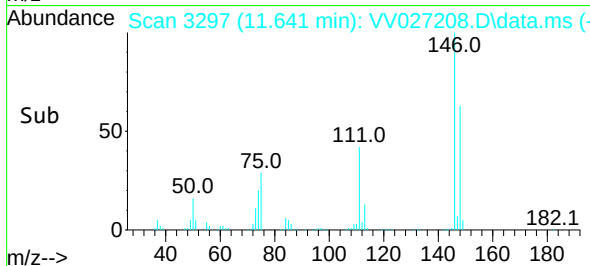
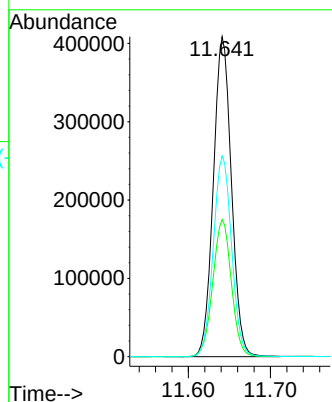
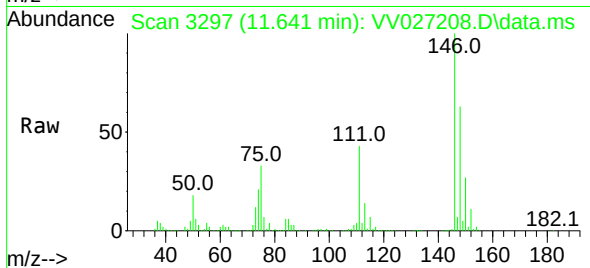
Tgt Ion:146 Resp: 627751

Ion Ratio Lower Upper

146 100

111 42.9 34.0 51.0

148 62.7 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 98.625 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

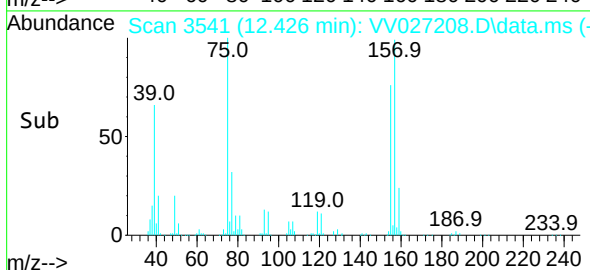
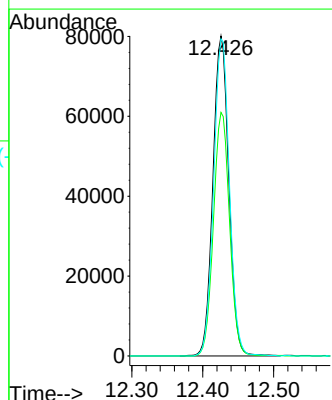
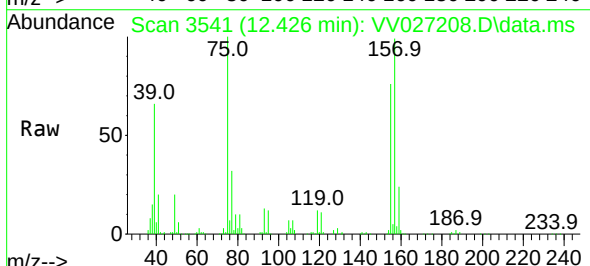
Tgt Ion: 75 Resp: 125352

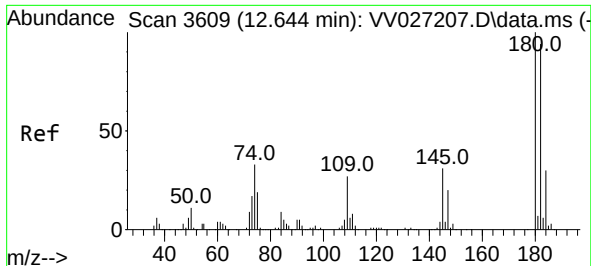
Ion Ratio Lower Upper

75 100

155 76.1 69.1 103.7

157 99.1 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 103.100 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD100255

Tgt Ion:180 Resp: 417374

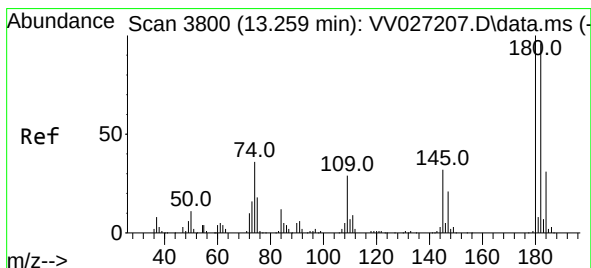
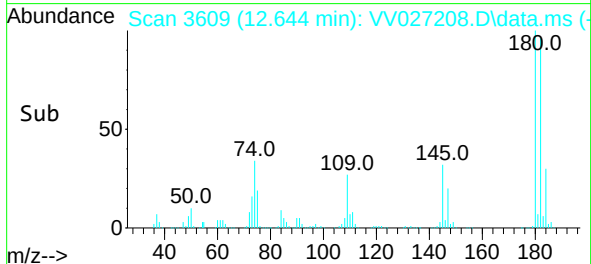
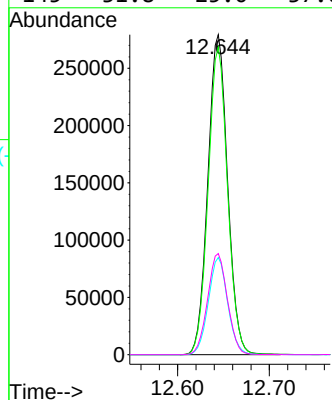
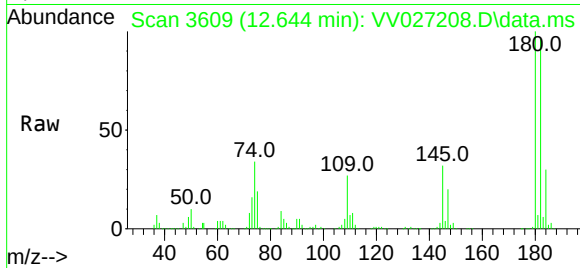
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

184 29.8 24.8 37.2

145 31.8 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 108.538 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027208.D

Acq: 04 Aug 2022 12:33

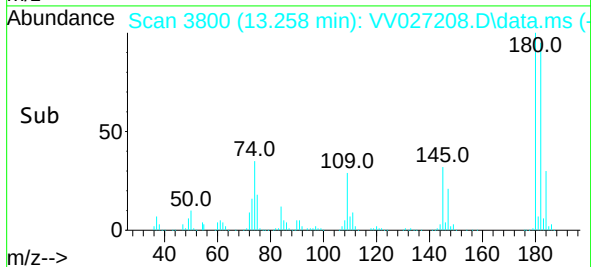
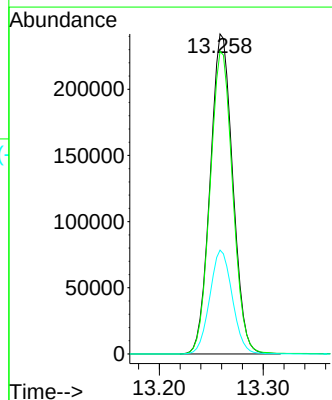
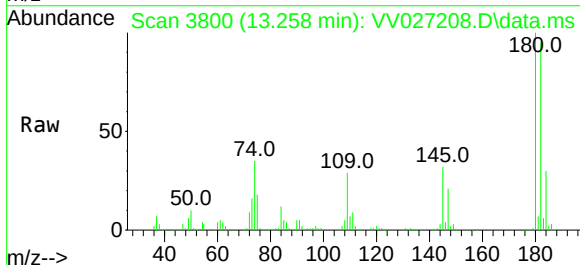
Tgt Ion:180 Resp: 364937

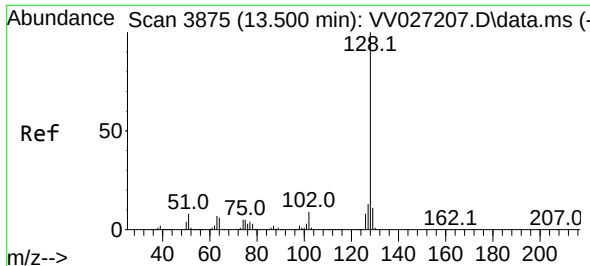
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 32.3 24.7 37.1

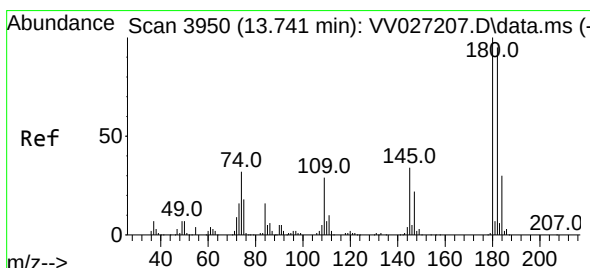
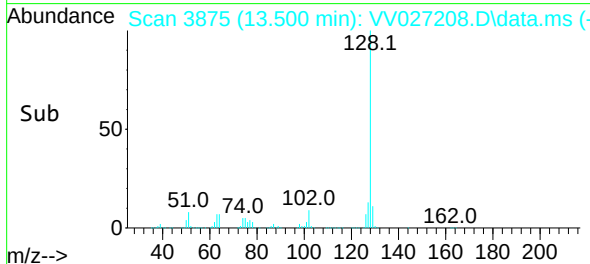
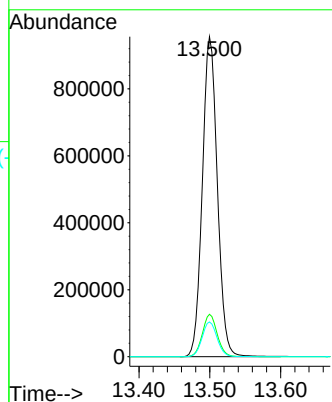
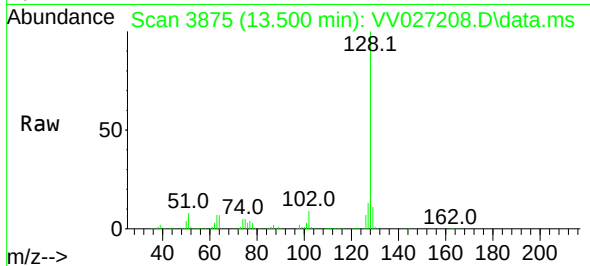




#71
Naphthalene
Concen: 122.051 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD100255

Tgt Ion:128 Resp: 1405179
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 109.040 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027208.D
Acq: 04 Aug 2022 12:33

Tgt Ion:180 Resp: 406366
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 34.7 27.4 41.0

