

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027207.D
 Acq On : 04 Aug 2022 12:09
 Operator : SY/MD
 Sample : VSTD050254
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050254

Quant Time: Aug 05 02:02:56 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	5.613	114	353623	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	348568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	184497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	120138	49.831	ug/L	0.00
7) Chloroethane-d5	1.558	69	90232	51.195	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	213622	48.441	ug/L	0.00
21) 2-Butanone-d5	3.873	46	223588	103.940	ug/L	0.00
24) Chloroform-d	4.343	84	244573	49.524	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	157705	51.433	ug/L	0.00
32) Benzene-d6	5.047	84	425950	50.958	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	151226	50.860	ug/L	0.00
41) Toluene-d8	7.313	98	381447	53.537	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	67147	51.809	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	153813	107.403	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	245281	50.620	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	154355	48.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	152794	48.571	ug/L	99
3) Chloromethane	1.237	50	178087	49.554	ug/L	98
5) Vinyl chloride	1.307	62	174833	48.835	ug/L	100
6) Bromomethane	1.513	94	80987	47.986	ug/L	99
8) Chloroethane	1.577	64	103010	51.647	ug/L	99
9) Trichlorofluoromethane	1.748	101	219794	47.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	121312	47.626	ug/L	98
12) 1,1-Dichloroethene	2.114	96	116318	47.472	ug/L	84
13) Acetone	2.163	43	163403	98.747	ug/L	90
14) Carbon disulfide	2.288	76	408371	48.969	ug/L	100
15) Methyl Acetate	2.426	43	185998	48.658	ug/L #	83
16) Methylene chloride	2.500	84	160826	49.138	ug/L	86
17) trans-1,2-Dichloroethene	2.754	96	134085	49.451	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	410096	50.861	ug/L #	94
19) 1,1-Dichloroethane	3.185	63	267919	49.221	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	143172	50.829	ug/L	85
22) 2-Butanone	3.960	43	251263	110.755	ug/L	100
23) Bromochloromethane	4.243	128	77993	49.584	ug/L	85
25) Chloroform	4.368	83	269791	49.045	ug/L	99
27) 1,2-Dichloroethane	5.124	62	214609	50.092	ug/L	94
29) Cyclohexane	4.674	56	201230	50.127	ug/L	92
30) 1,1,1-Trichloroethane	4.603	97	227710	49.287	ug/L	96
31) Carbon tetrachloride	4.825	117	194960	48.605	ug/L	99
33) Benzene	5.095	78	579936	51.774	ug/L	100
34) Trichloroethene	5.908	95	145027	50.565	ug/L	94
35) Methylcyclohexane	6.127	83	218663	51.848	ug/L	91
37) 1,2-Dichloropropane	6.169	63	162757	51.865	ug/L	100
38) Bromodichloromethane	6.506	83	207060	50.358	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	215206	51.773	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	492751	110.069	ug/L #	90
42) Toluene	7.384	91	617654	54.233	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	214174	52.431	ug/L	100

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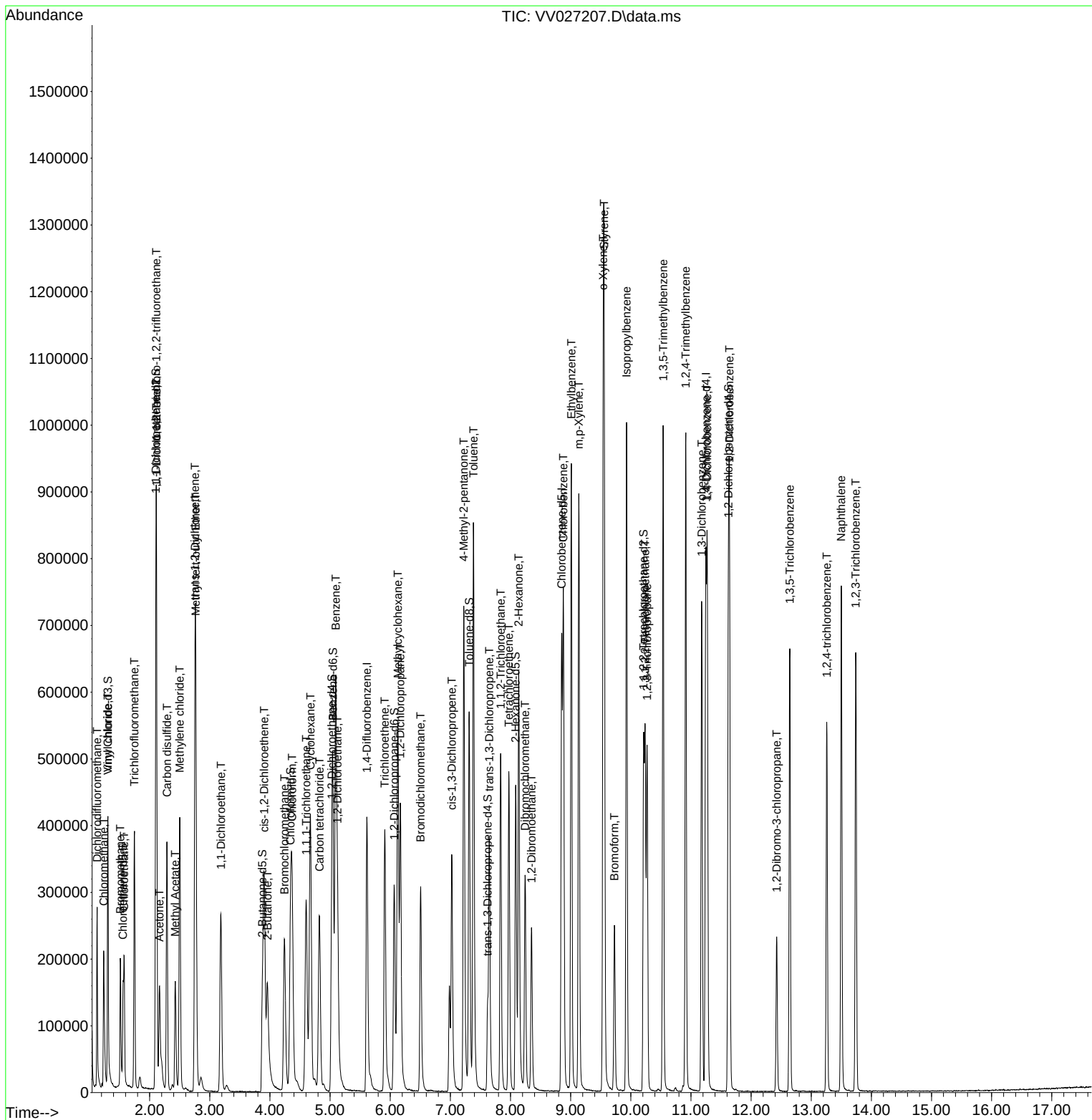
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 QLast Update : Fri Aug 05 02:01:28 2022
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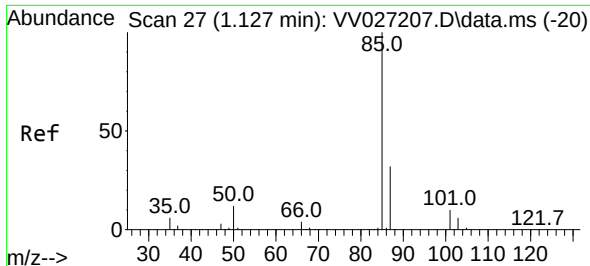
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	154401	51.050	ug/L	97
46) Tetrachloroethene	7.973	164	105477	50.246	ug/L	98
48) 2-Hexanone	8.137	43	398067	111.645	ug/L #	89
49) Dibromochloromethane	8.243	129	162503	50.828	ug/L	96
50) 1,2-Dibromoethane	8.349	107	161561	51.914	ug/L	100
51) Chlorobenzene	8.879	112	384782	50.370	ug/L	96
52) Ethylbenzene	9.011	91	616409	52.453	ug/L	99
53) m,p-Xylene	9.137	106	239850	54.004	ug/L	95
54) o-Xylene	9.542	106	231437	53.488	ug/L	94
55) Styrene	9.558	104	435371	57.118	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	255918	50.508	ug/L	100
59) Bromoform	9.728	173	106184	48.441	ug/L	99
60) Isopropylbenzene	9.931	105	599062	51.524	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	205211	48.449	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	494780	51.529	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	494211	52.541	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	281028	49.870	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	294507	49.660	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	296745	50.258	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	57702	48.558	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	185423	48.991	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	149757	47.640	ug/L	98
71) Naphthalene	13.500	128	548472	50.954	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	180669	51.852	ug/L	100

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

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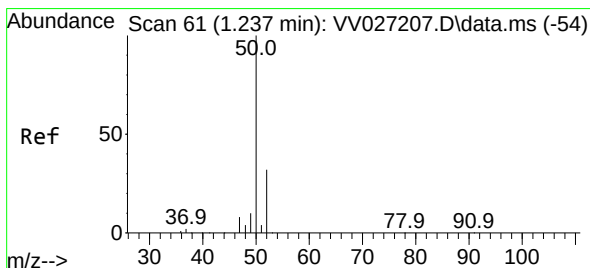
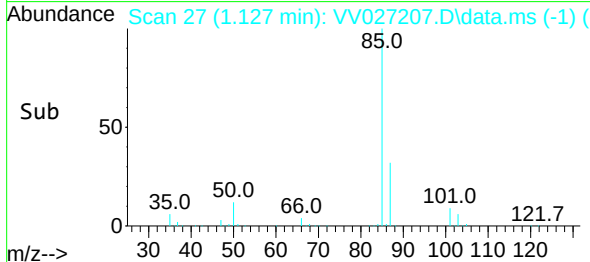
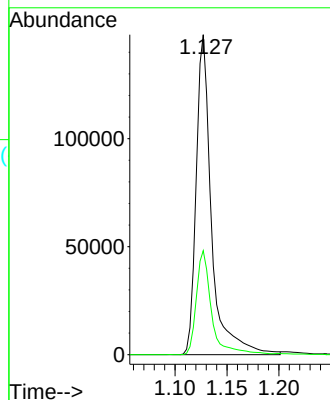
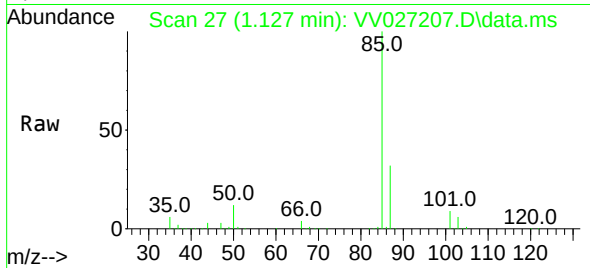




#2
 Dichlorodifluoromethane
 Concen: 48.571 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

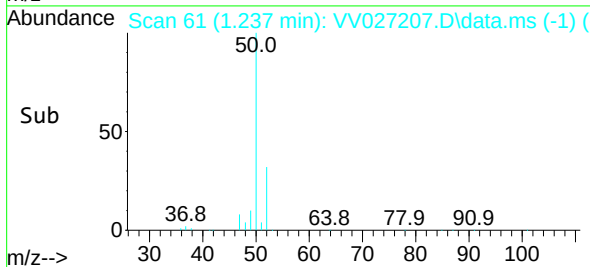
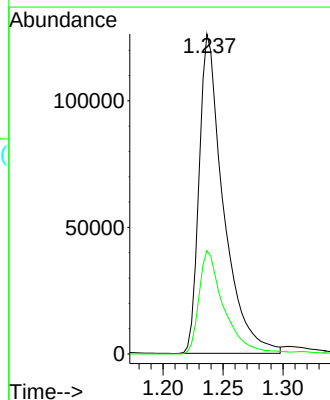
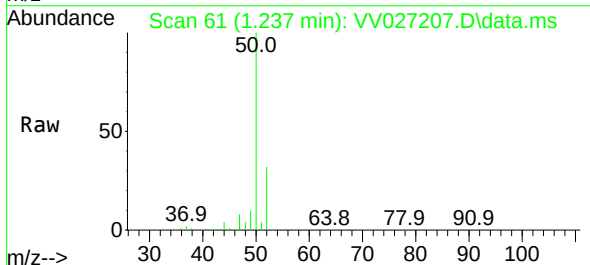
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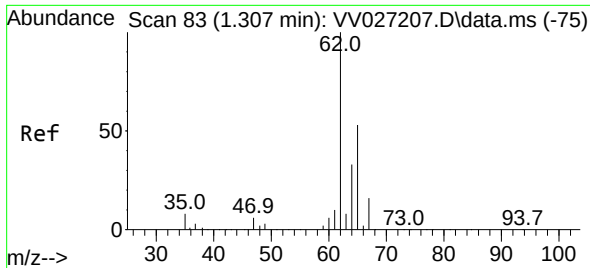
Tgt Ion: 85 Resp: 152794
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 49.554 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

Tgt Ion: 50 Resp: 178087
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.5 43.7

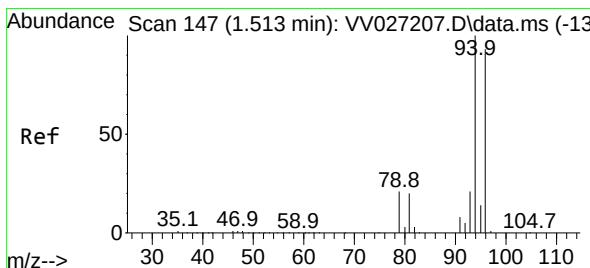
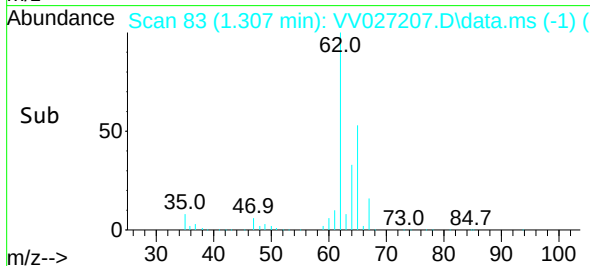
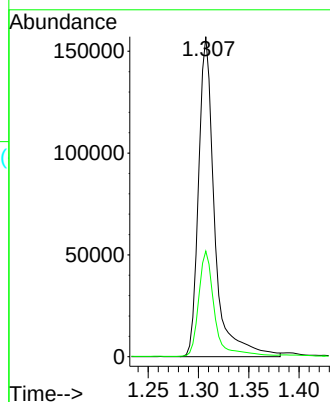
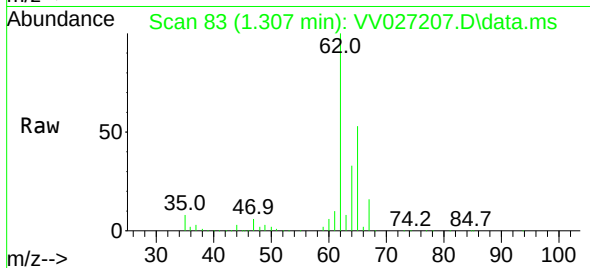




#5
 Vinyl chloride
 Concen: 48.835 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

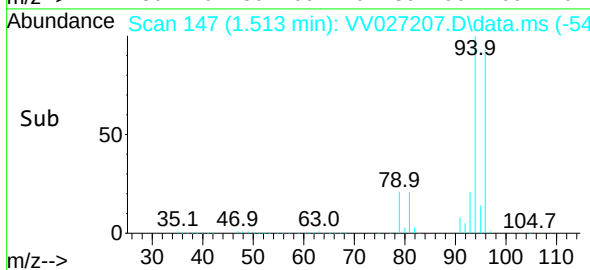
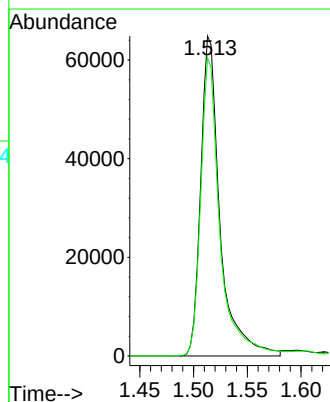
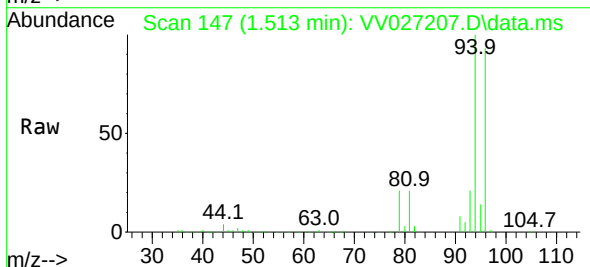
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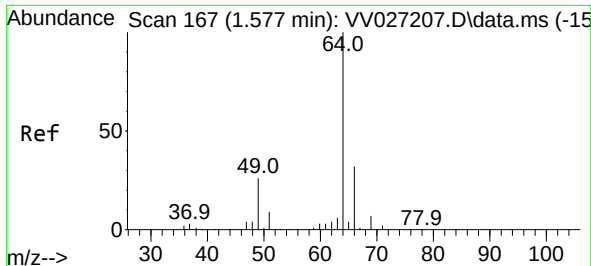
Tgt Ion: 62 Resp: 174833
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 47.986 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

Tgt Ion: 94 Resp: 80987
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.1 122.8

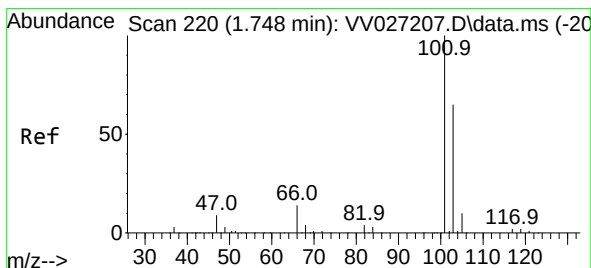
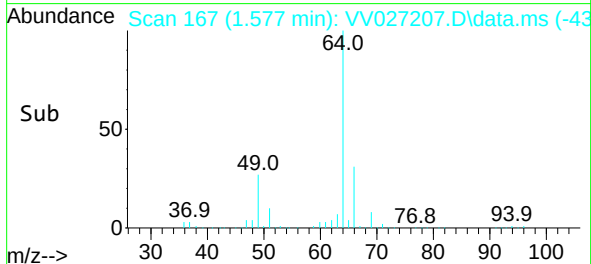
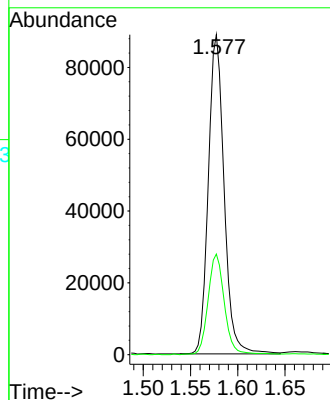
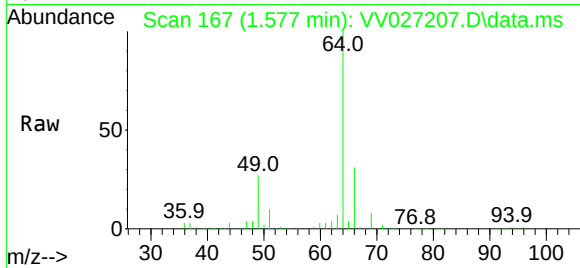




#8
Chloroethane
Concen: 51.647 ug/L
RT: 1.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

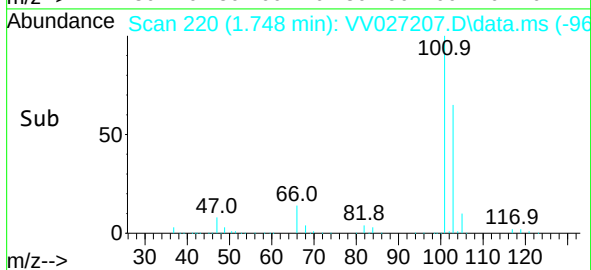
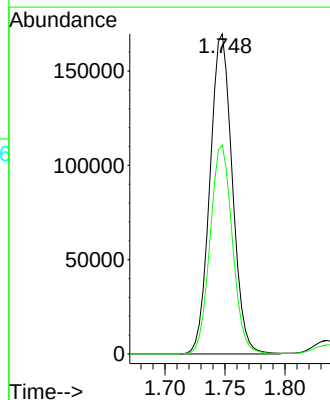
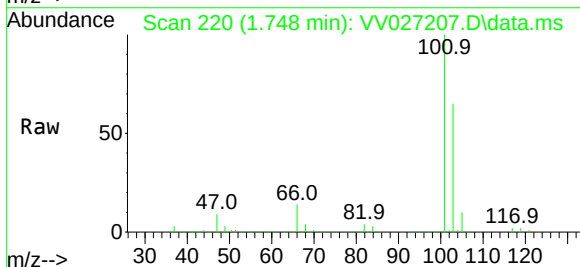
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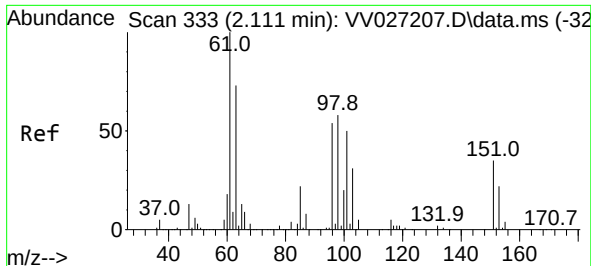
Tgt Ion: 64 Resp: 103010
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.848 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion:101 Resp: 219794
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

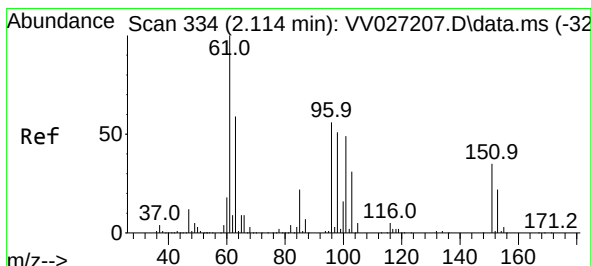
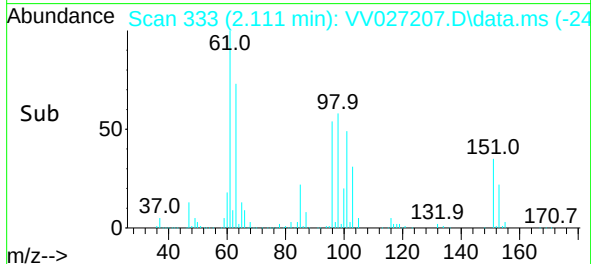
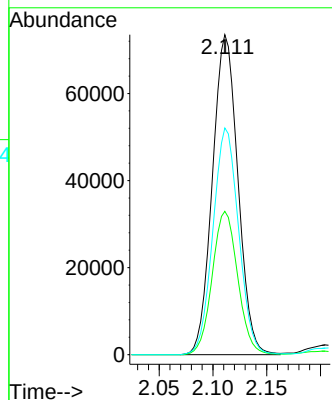
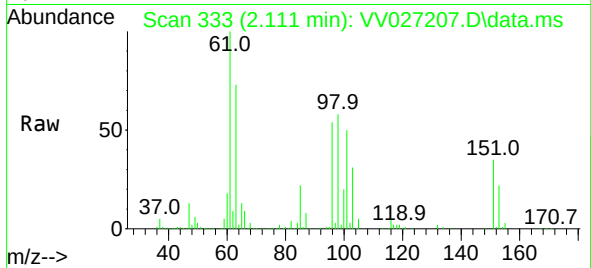




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.626 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

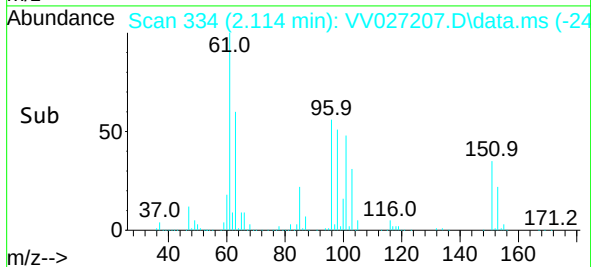
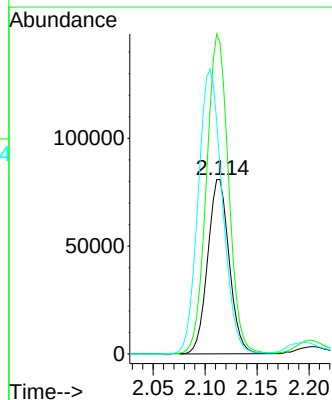
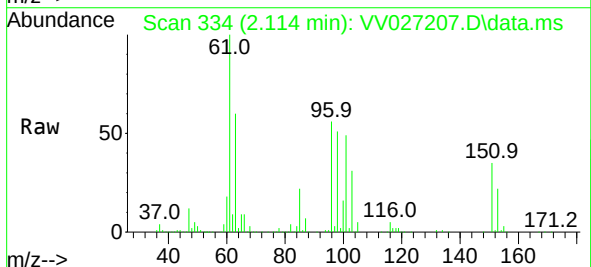
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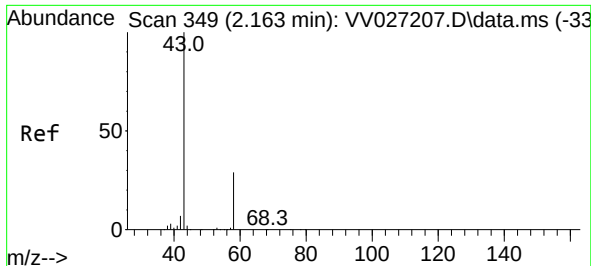
Tgt Ion:101 Resp: 121312
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.1 51.1
 151 71.5 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 47.472 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

Tgt Ion: 96 Resp: 116318
 Ion Ratio Lower Upper
 96 100
 61 178.3 114.3 212.3
 63 107.2 93.4 173.4





#13

Acetone

Concen: 98.747 ug/L

RT: 2.163 min Scan# 349

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

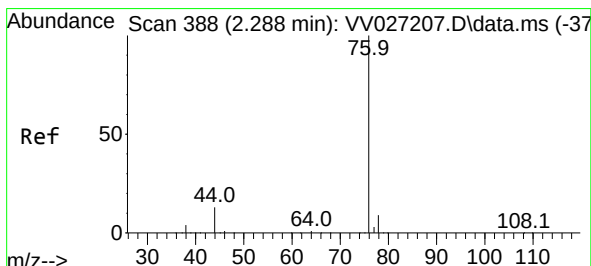
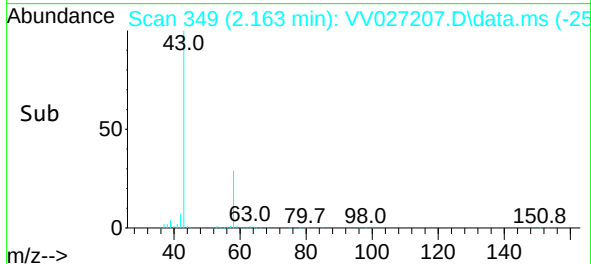
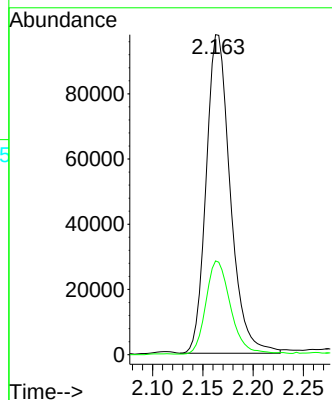
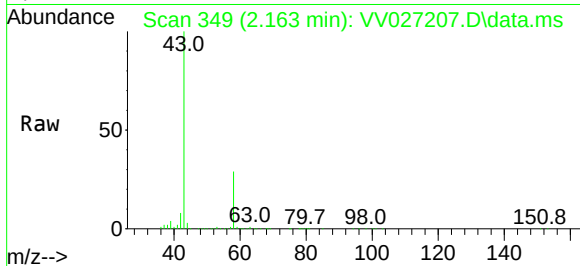
VSTD050254

Tgt Ion: 43 Resp: 163403

Ion Ratio Lower Upper

43 100

58 29.8 0.0 49.6



#14

Carbon disulfide

Concen: 48.969 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027207.D

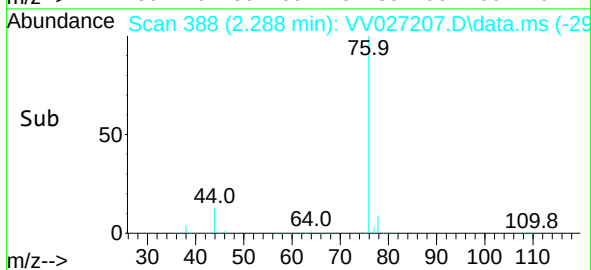
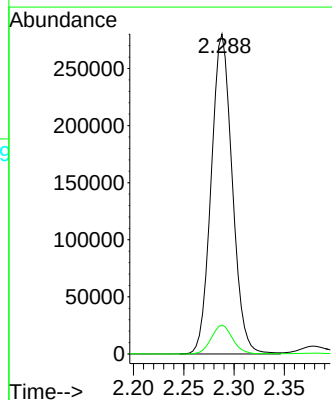
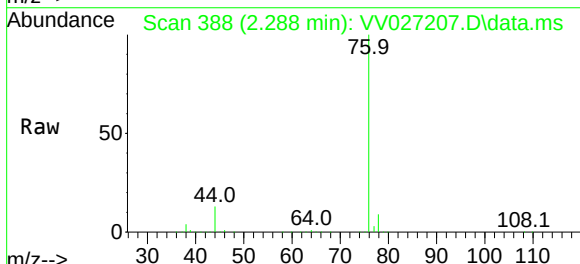
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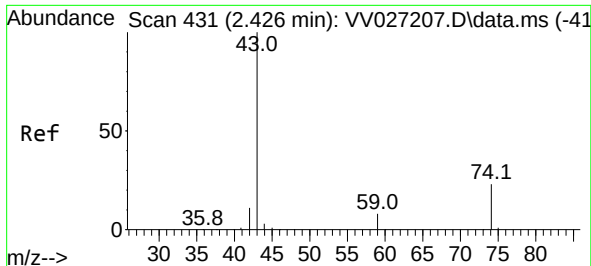
Tgt Ion: 76 Resp: 408371

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

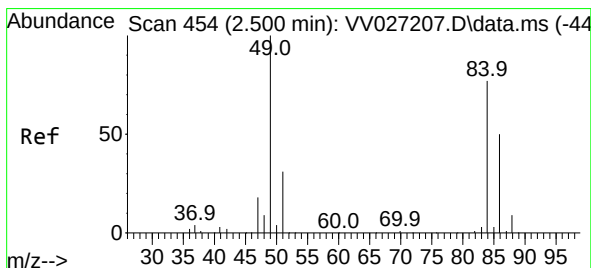
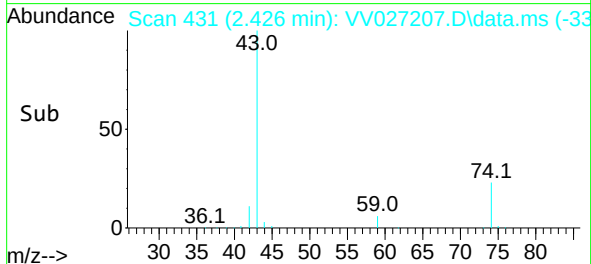
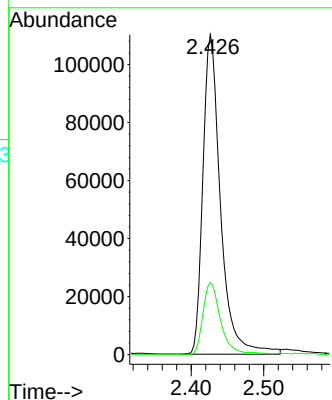
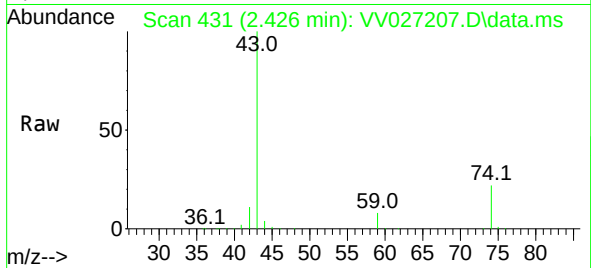




#15
Methyl Acetate
Concen: 48.658 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

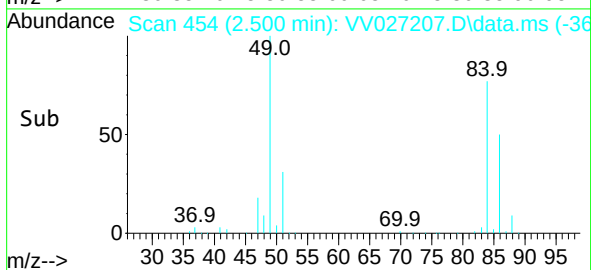
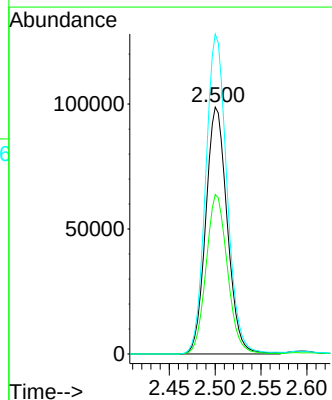
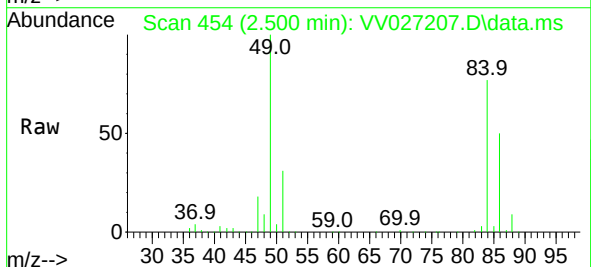
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MSVOA_V
ClientSampleId :
VSTD050254

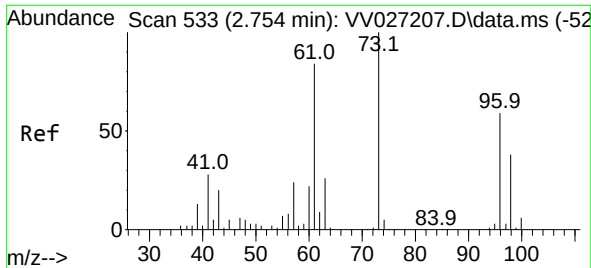
Tgt Ion: 43 Resp: 185998
Ion Ratio Lower Upper
43 100
74 22.3 25.5 38.3#



#16
Methylene chloride
Concen: 49.138 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 84 Resp: 160826
Ion Ratio Lower Upper
84 100
86 64.6 45.0 83.6
49 129.6 74.1 137.7

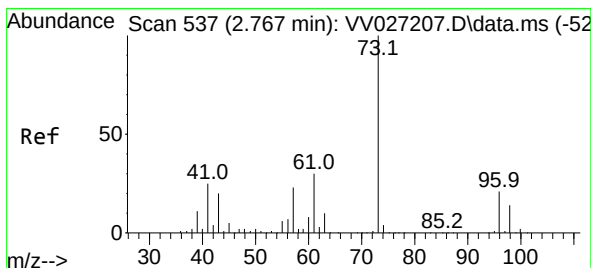
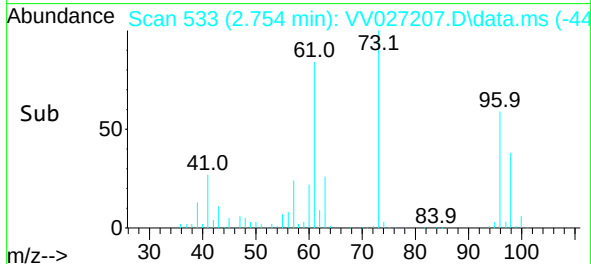
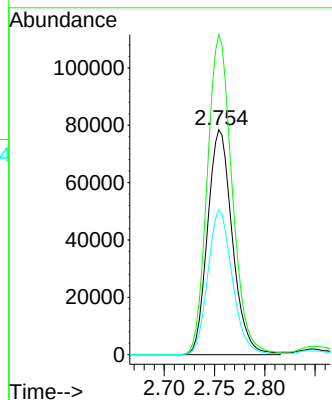
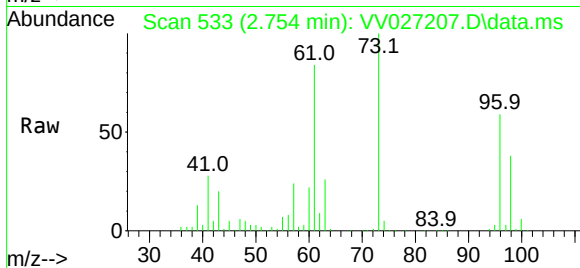




#17
trans-1,2-Dichloroethene
Concen: 49.451 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

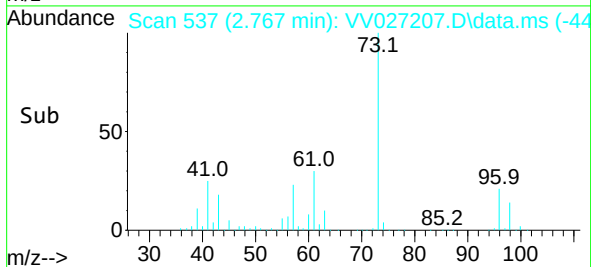
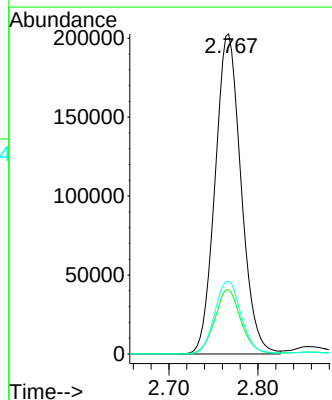
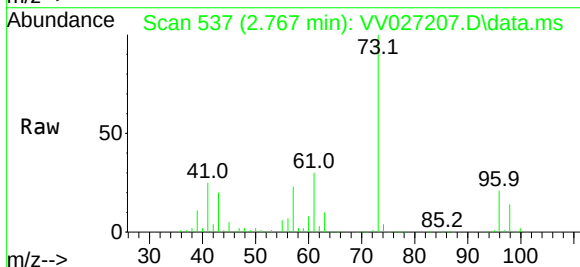
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

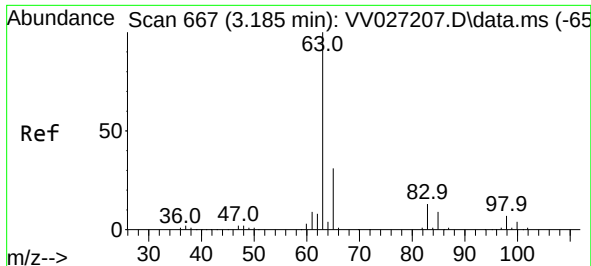
Tgt Ion: 96 Resp: 134085
Ion Ratio Lower Upper
96 100
61 142.2 89.2 165.6
98 64.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 50.861 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 73 Resp: 410096
Ion Ratio Lower Upper
73 100
43 20.1 12.6 18.8#
57 23.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.221 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

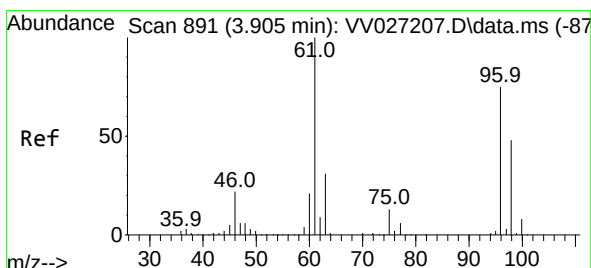
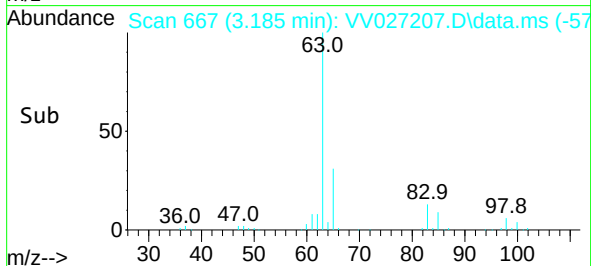
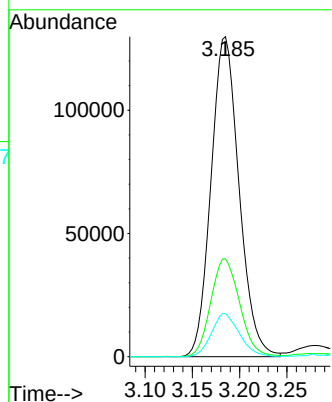
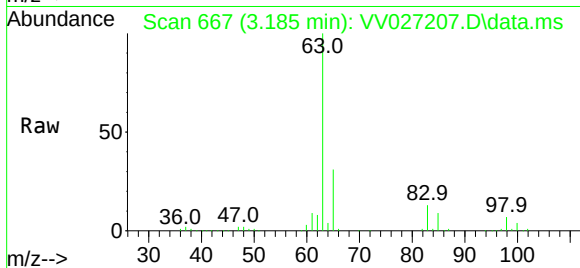
Tgt Ion: 63 Resp: 267919

Ion Ratio Lower Upper

63 100

65 30.6 22.7 42.3

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.829 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

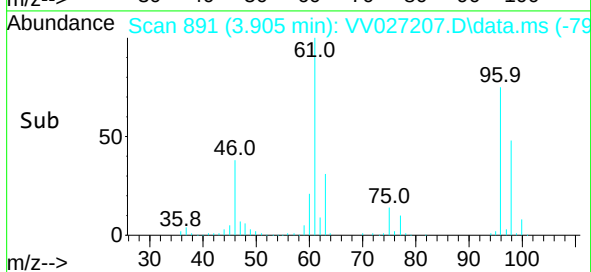
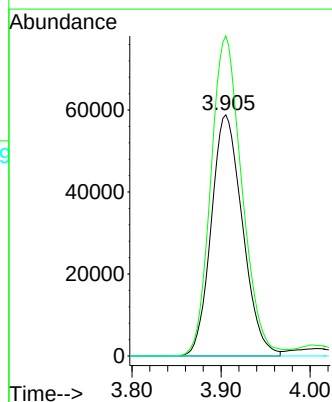
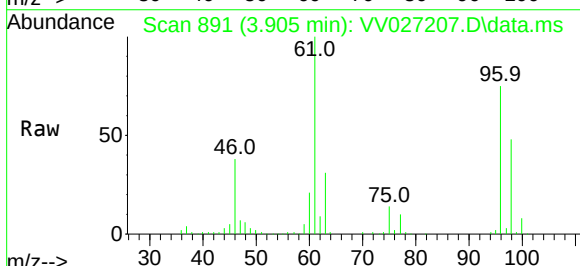
Tgt Ion: 96 Resp: 143172

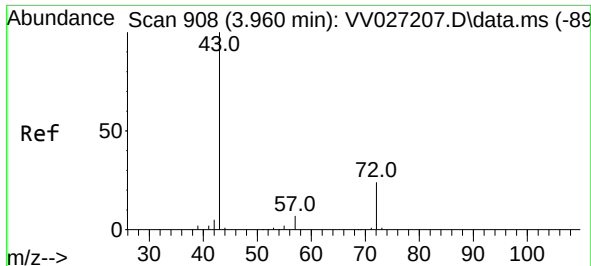
Ion Ratio Lower Upper

96 100

61 132.7 81.8 151.8

68 0.0 0.0 0.0

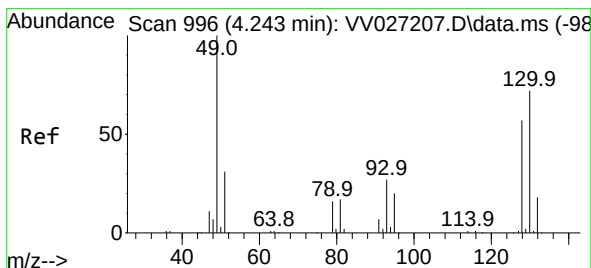
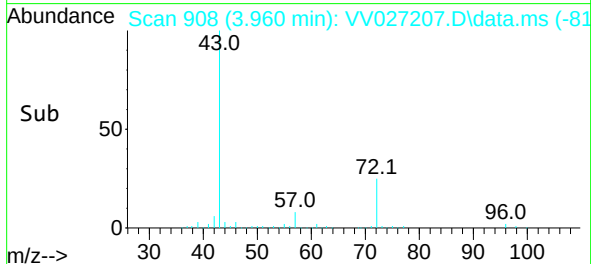
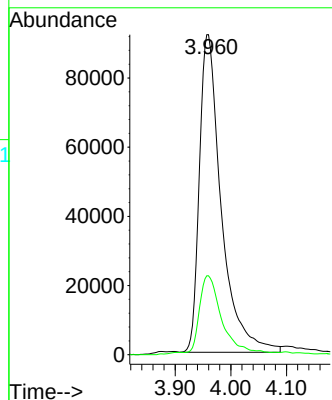
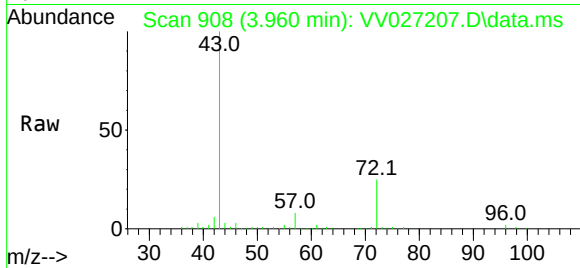




#22
2-Butanone
Concen: 110.755 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

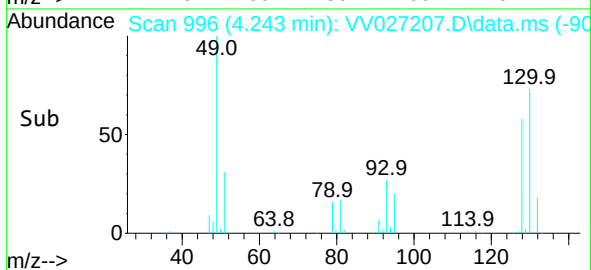
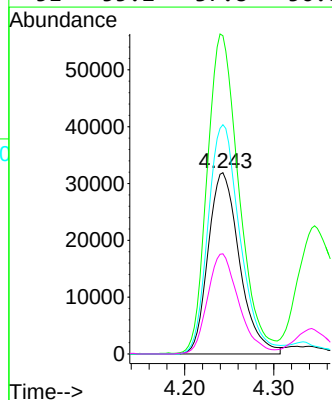
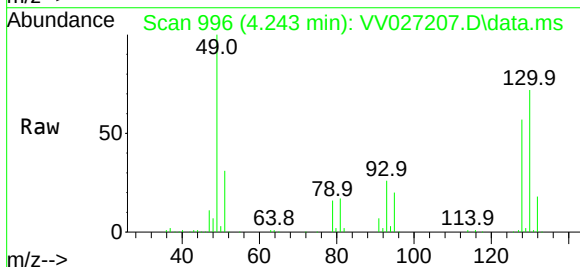
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

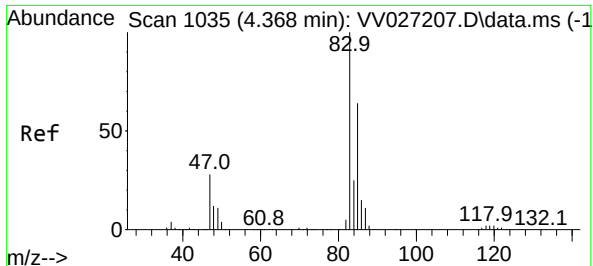
Tgt Ion: 43 Resp: 251263
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.7



#23
Bromochloromethane
Concen: 49.584 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 128 Resp: 77993
Ion Ratio Lower Upper
128 100
49 175.6 98.7 183.3
130 126.5 89.5 166.1
51 55.2 37.8 56.8

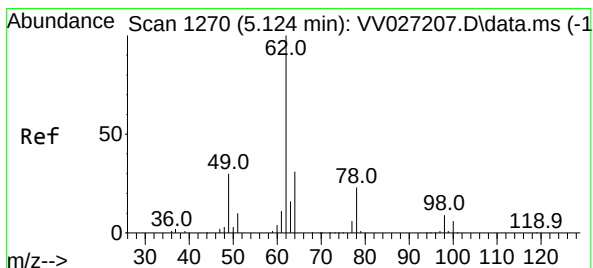
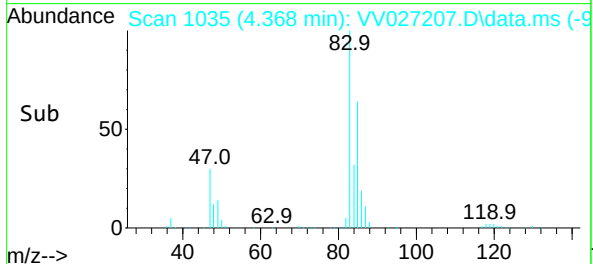
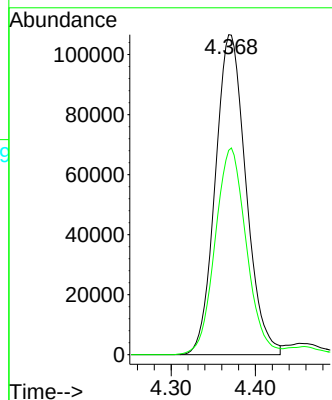
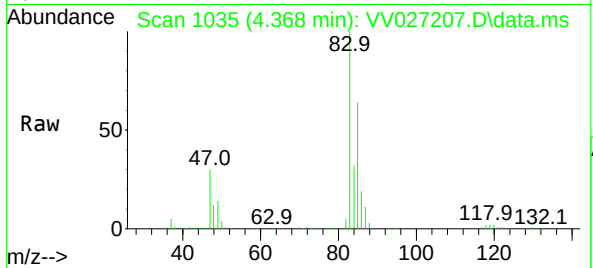




#25
Chloroform
Concen: 49.045 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

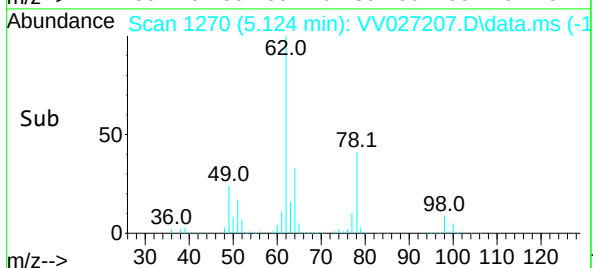
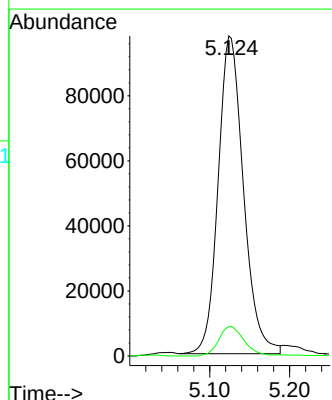
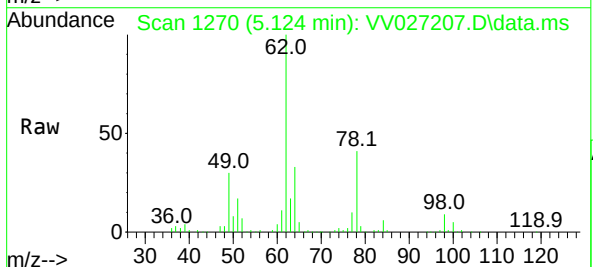
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

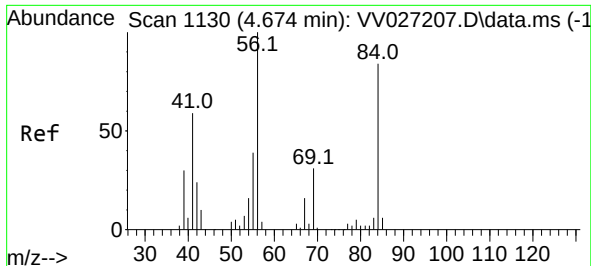
Tgt Ion: 83 Resp: 269791
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 50.092 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 62 Resp: 214609
Ion Ratio Lower Upper
62 100
98 9.2 9.0 13.6





#29

Cyclohexane

Concen: 50.127 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

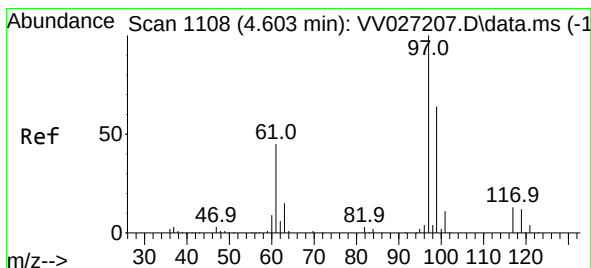
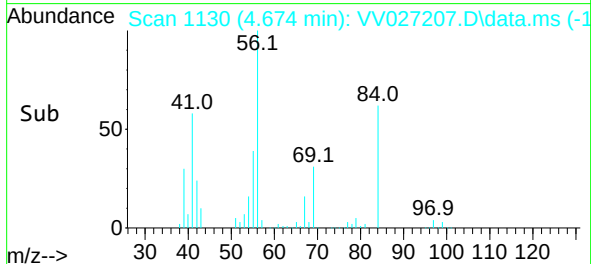
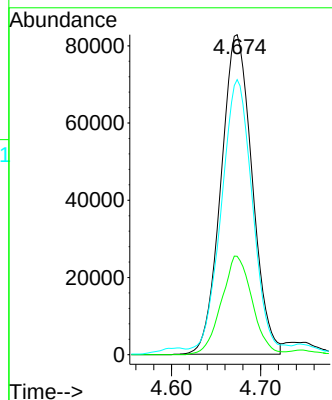
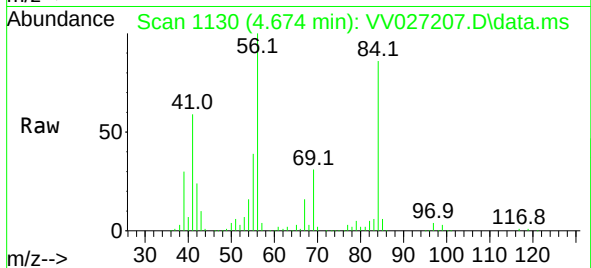
Tgt Ion: 56 Resp: 201230

Ion Ratio Lower Upper

56 100

69 30.4 25.9 38.9

84 85.2 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 49.287 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

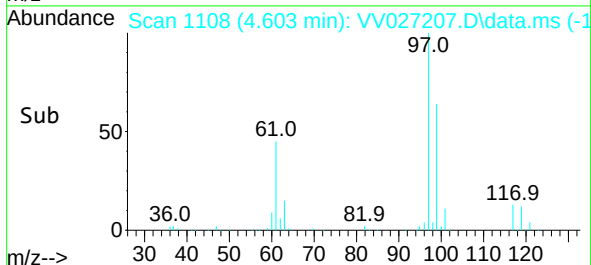
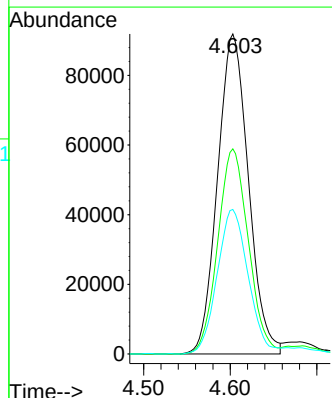
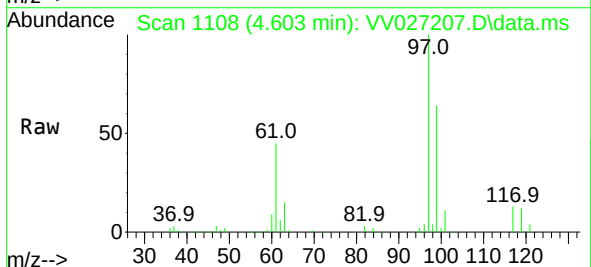
Tgt Ion: 97 Resp: 227710

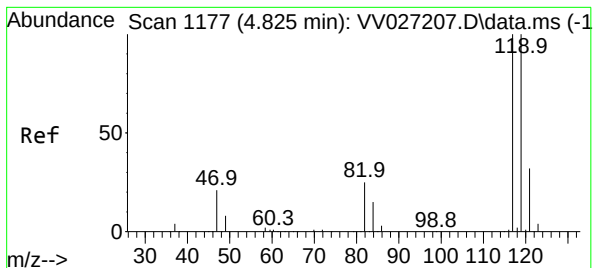
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

61 45.4 32.1 48.1





#31

Carbon tetrachloride

Concen: 48.605 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

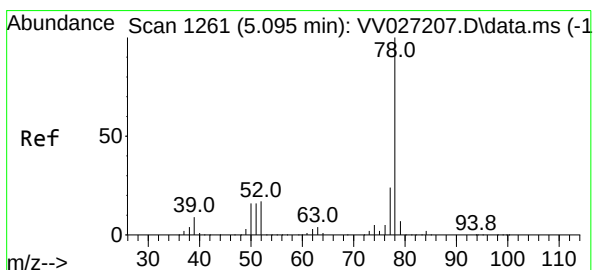
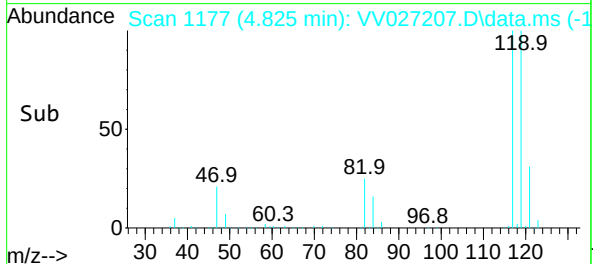
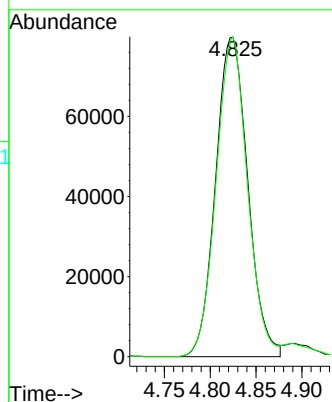
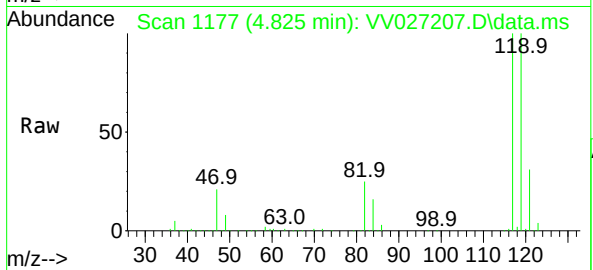
VSTD050254

Tgt Ion:117 Resp: 194960

Ion Ratio Lower Upper

117 100

119 97.1 77.0 115.6



#33

Benzene

Concen: 51.774 ug/L

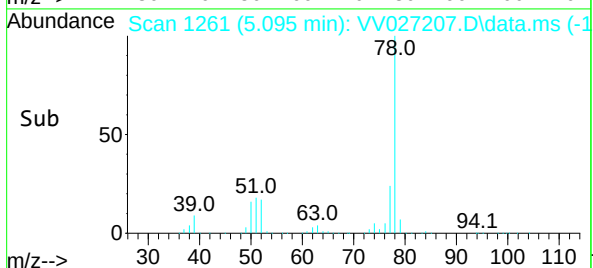
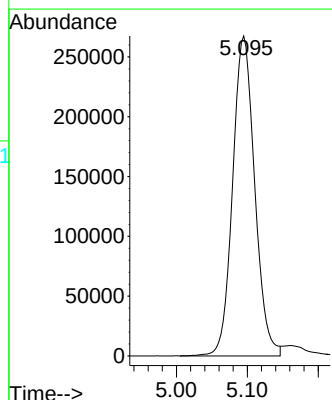
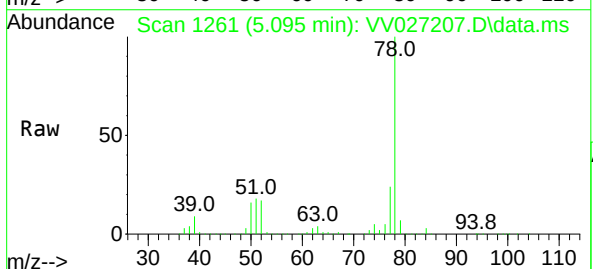
RT: 5.095 min Scan# 1261

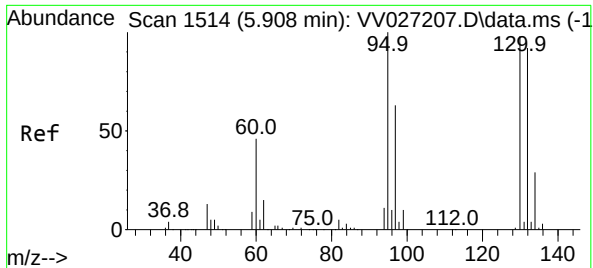
Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Tgt Ion: 78 Resp: 579936

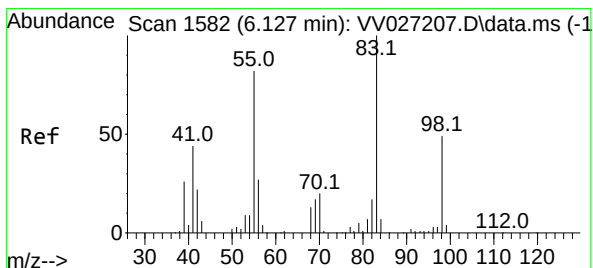
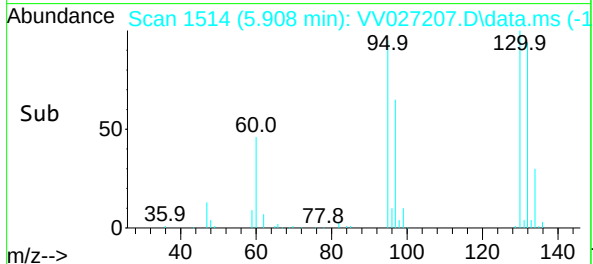
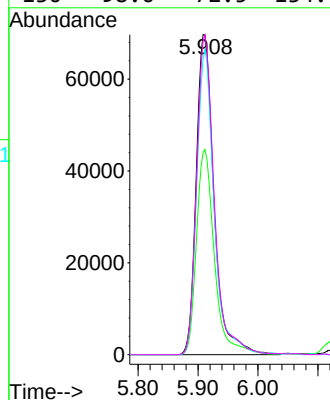
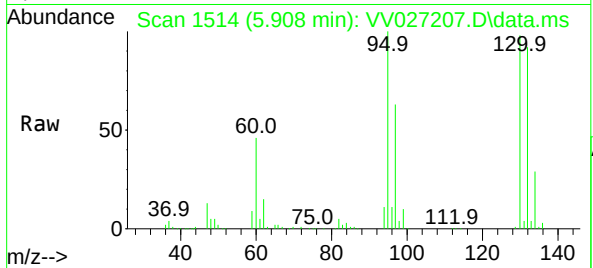




#34
Trichloroethene
Concen: 50.565 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

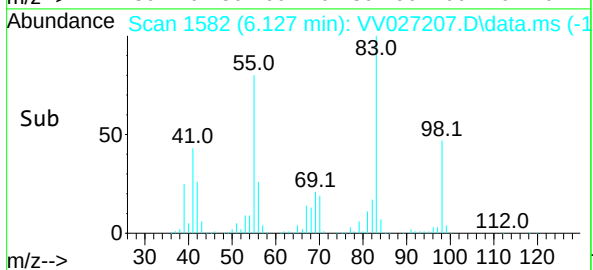
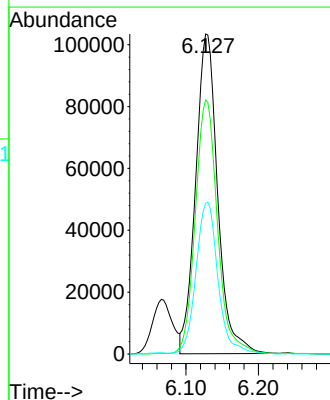
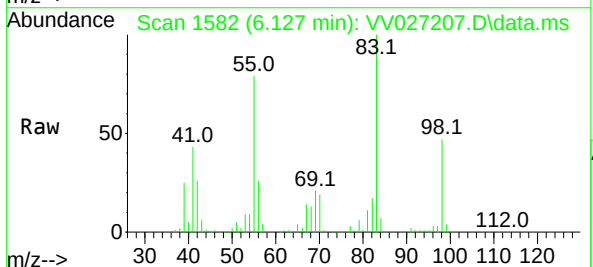
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

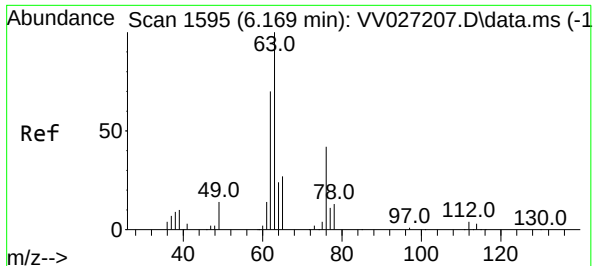
Tgt Ion: 95 Resp: 145027
Ion Ratio Lower Upper
95 100
97 63.2 45.9 85.3
132 92.3 69.8 129.6
130 98.0 72.5 134.7



#35
Methylcyclohexane
Concen: 51.848 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 83 Resp: 218663
Ion Ratio Lower Upper
83 100
55 80.3 55.5 83.3
98 47.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 51.865 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

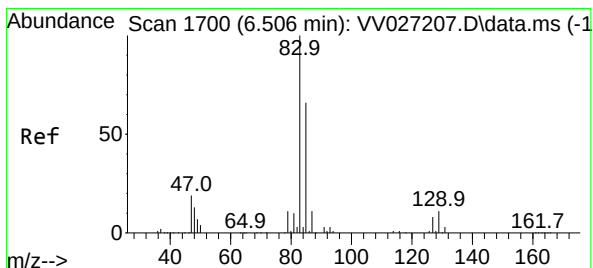
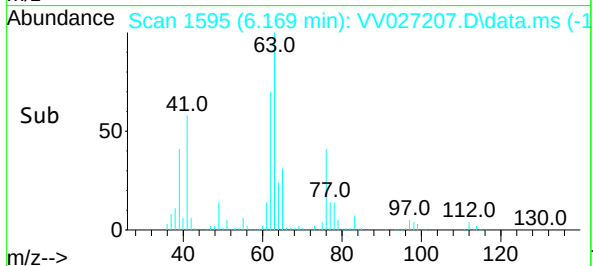
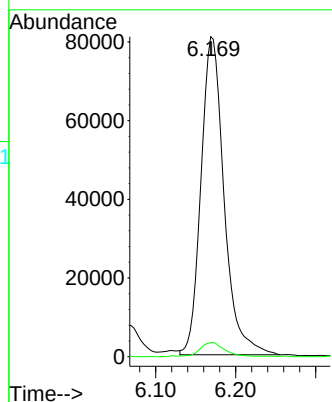
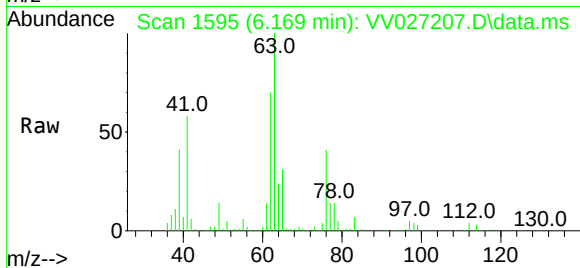
VSTD050254

Tgt Ion: 63 Resp: 162757

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 50.358 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

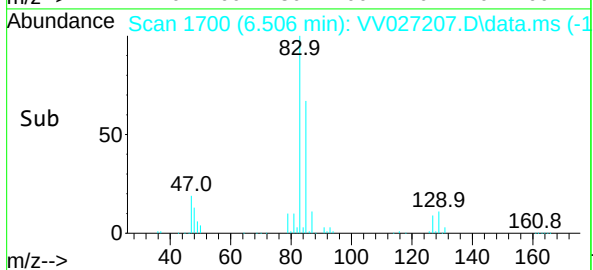
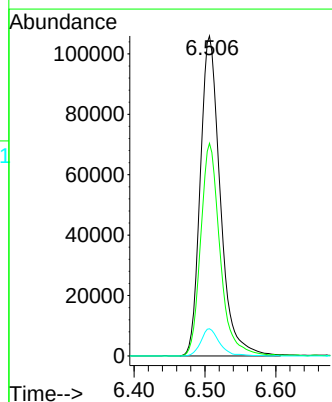
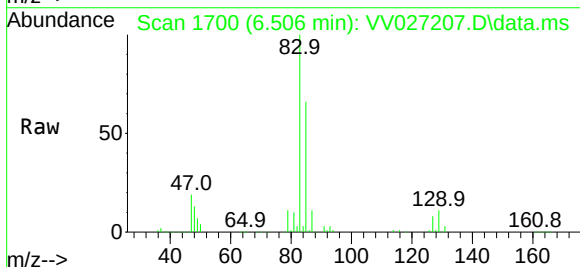
Tgt Ion: 83 Resp: 207060

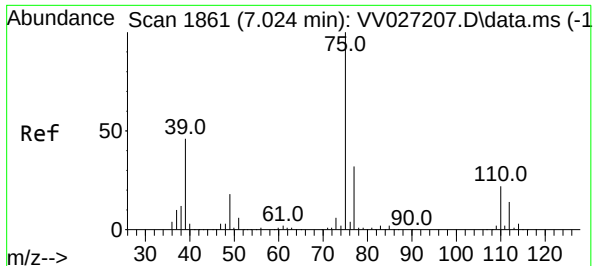
Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.773 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

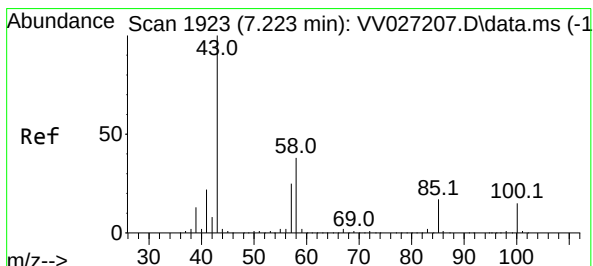
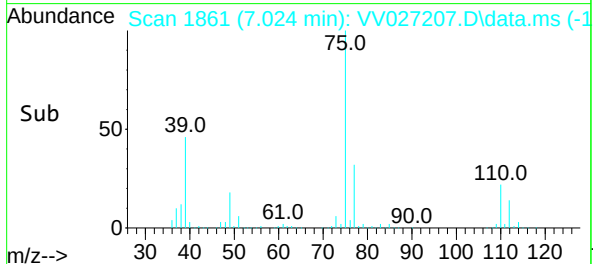
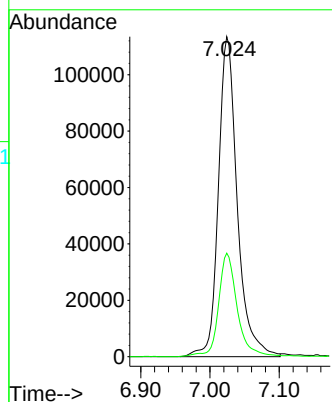
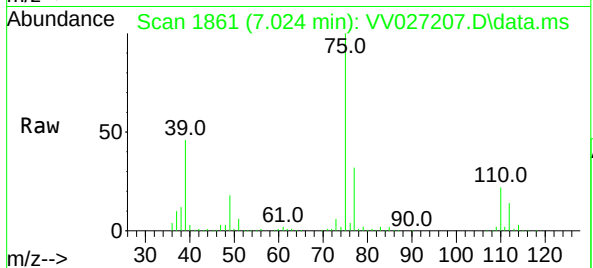
VSTD050254

Tgt Ion: 75 Resp: 215206

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 110.069 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

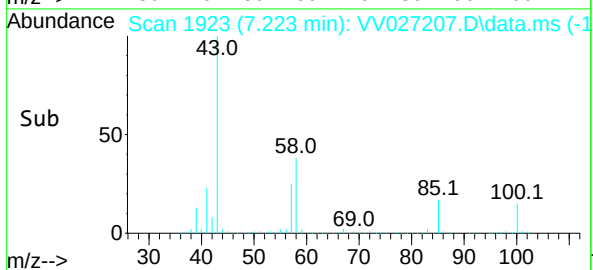
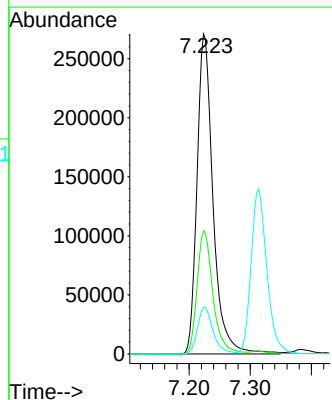
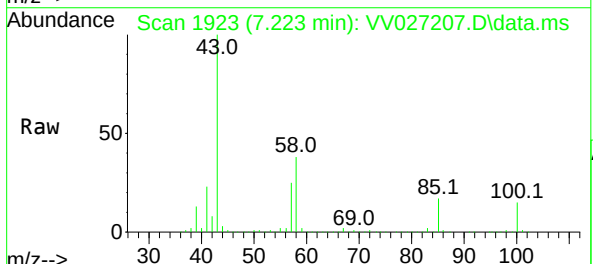
Tgt Ion: 43 Resp: 492751

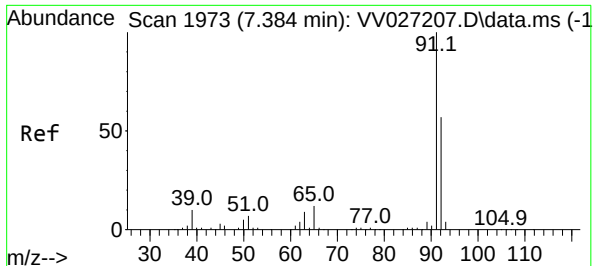
Ion Ratio Lower Upper

43 100

58 38.1 35.3 52.9

100 14.3 15.7 23.5

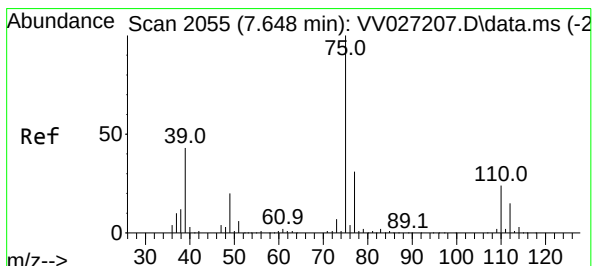
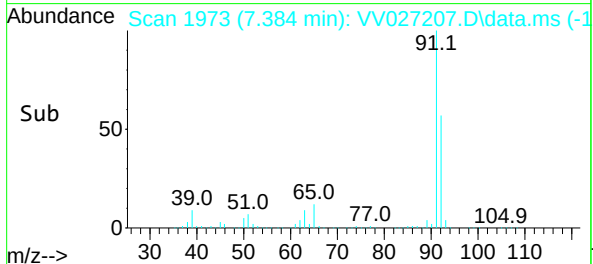
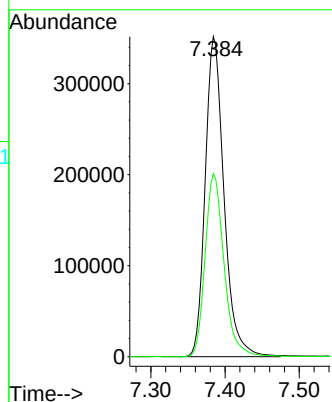
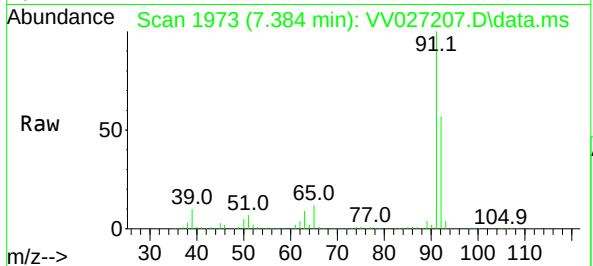




#42
Toluene
Concen: 54.233 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

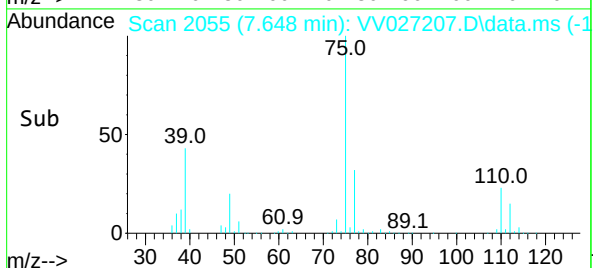
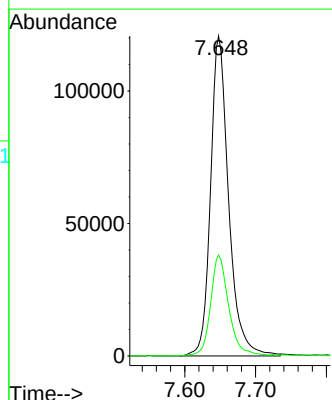
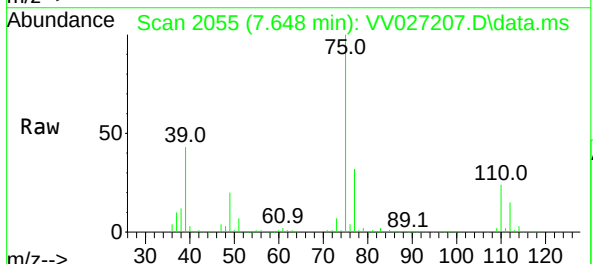
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

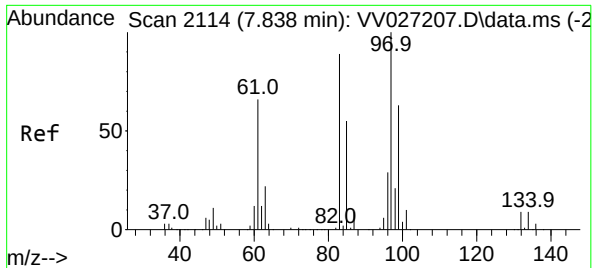
Tgt Ion: 91 Resp: 617654
Ion Ratio Lower Upper
91 100
92 57.2 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 52.431 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 75 Resp: 214174
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0



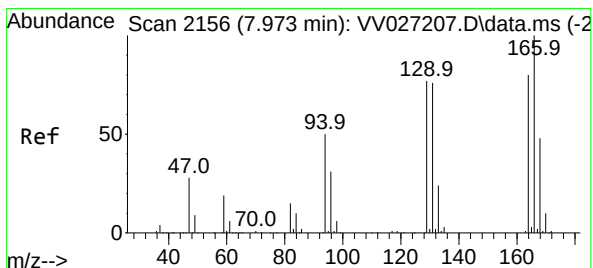
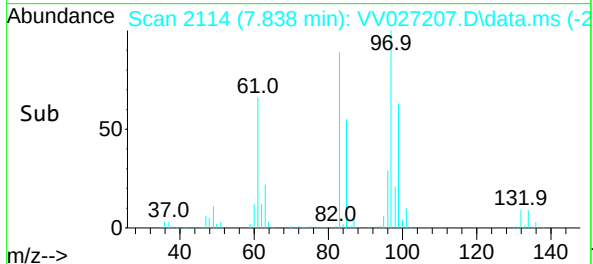
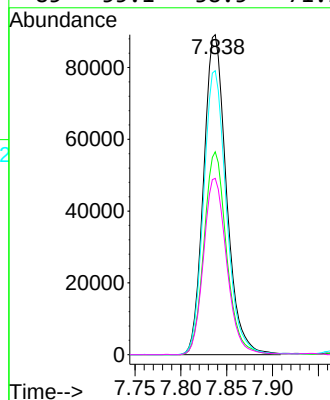
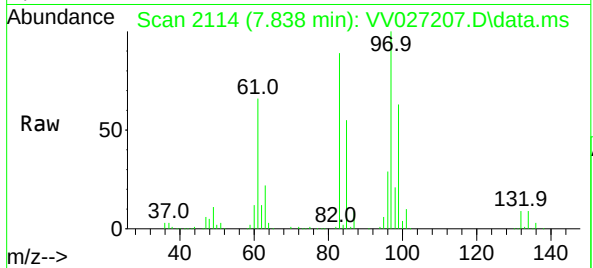


#45
1,1,2-Trichloroethane
Concen: 51.050 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

Tgt Ion: 97 Resp: 154401

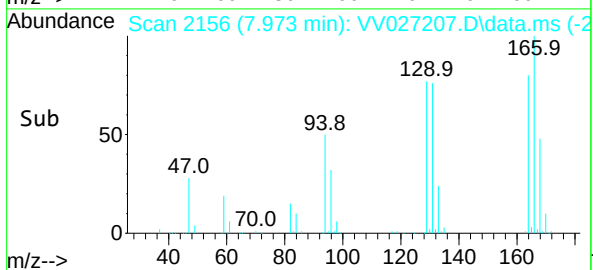
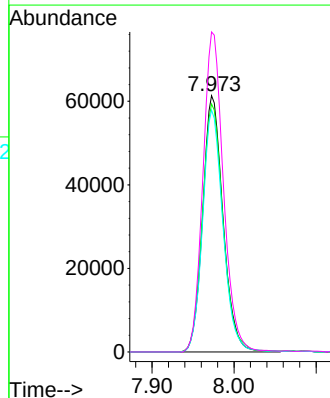
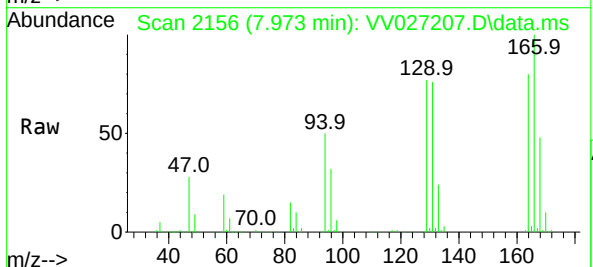
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.2	80.2
83	88.8	58.0	107.6
85	55.1	38.5	71.5

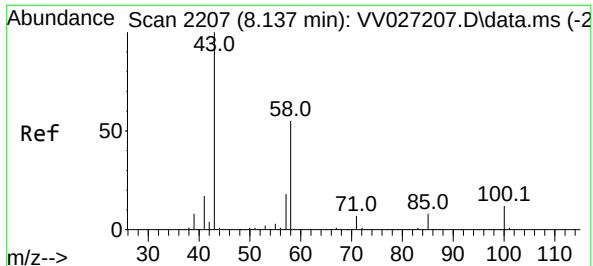


#46
Tetrachloroethene
Concen: 50.246 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 164 Resp: 105477

Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.5	125.4
131	94.4	64.3	119.3
166	124.9	88.9	165.1

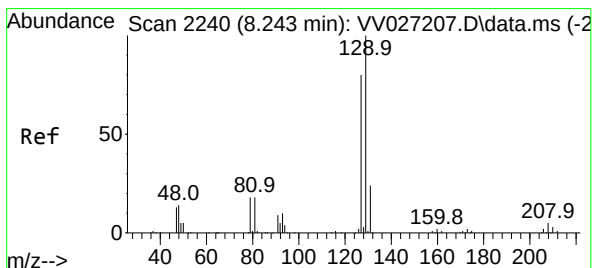
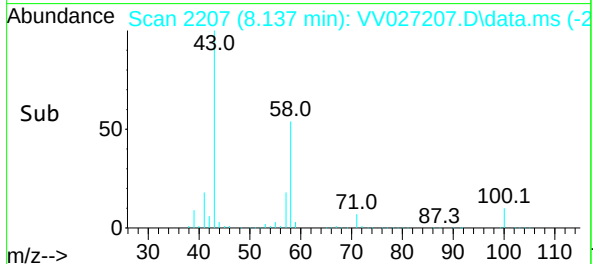
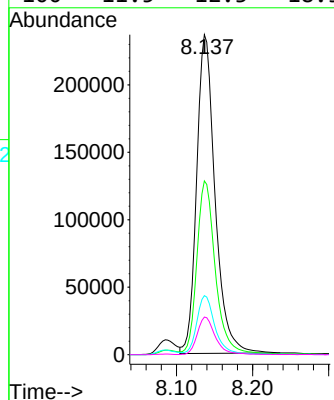
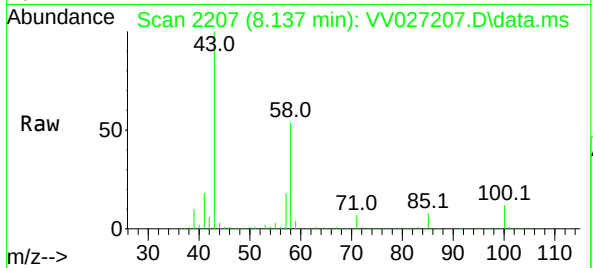




#48
2-Hexanone
Concen: 111.645 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

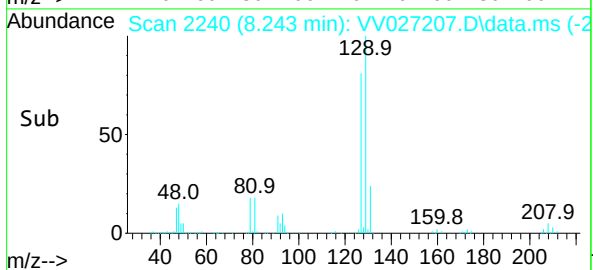
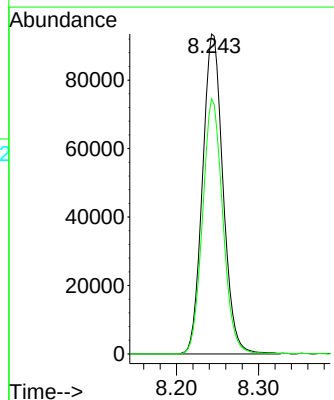
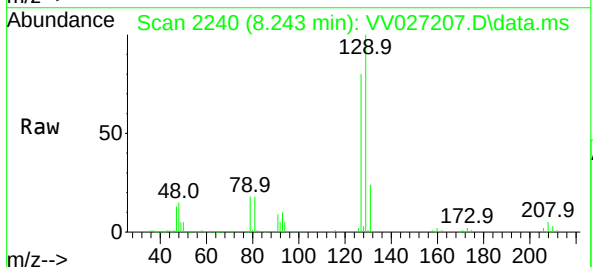
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

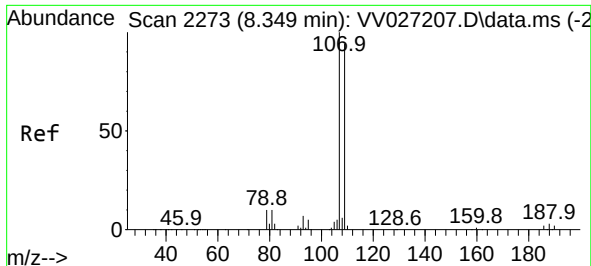
Tgt Ion: 43 Resp: 398067
Ion Ratio Lower Upper
43 100
58 53.8 50.8 76.2
57 18.0 17.1 25.7
100 11.5 12.3 18.5#



#49
Dibromochloromethane
Concen: 50.828 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 129 Resp: 162503
Ion Ratio Lower Upper
129 100
127 79.8 53.3 98.9





#50

1,2-Dibromoethane

Concen: 51.914 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

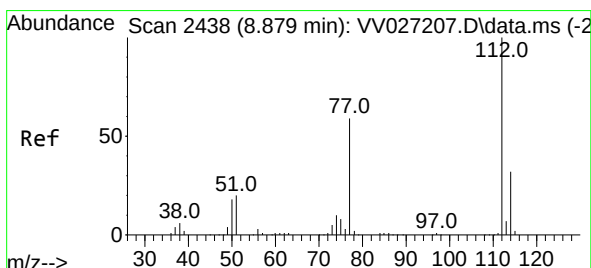
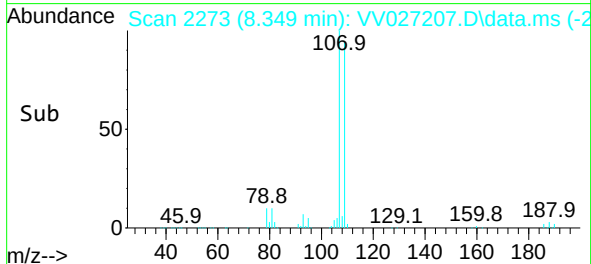
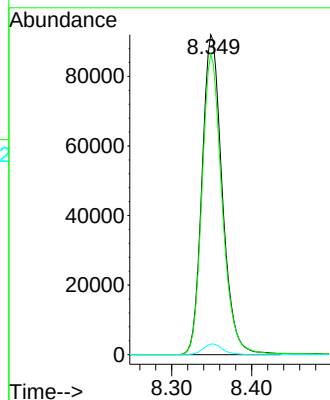
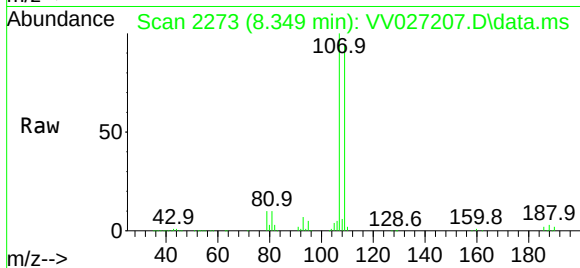
Tgt Ion:107 Resp: 161561

Ion Ratio Lower Upper

107 100

109 93.8 65.7 121.9

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 50.370 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

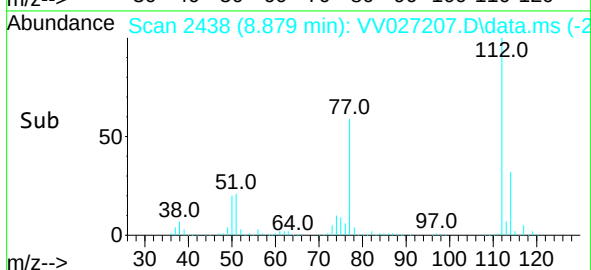
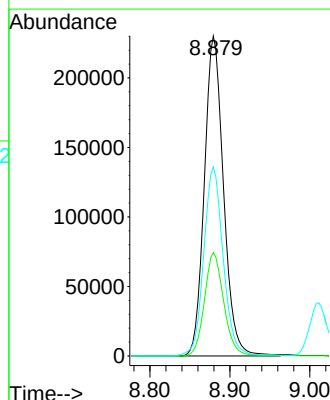
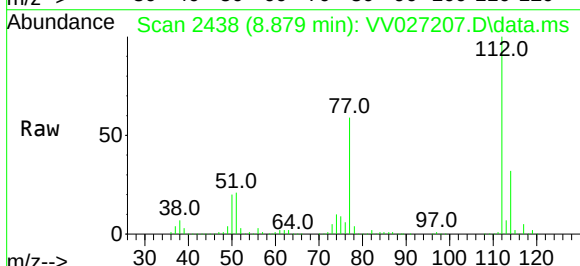
Tgt Ion:112 Resp: 384782

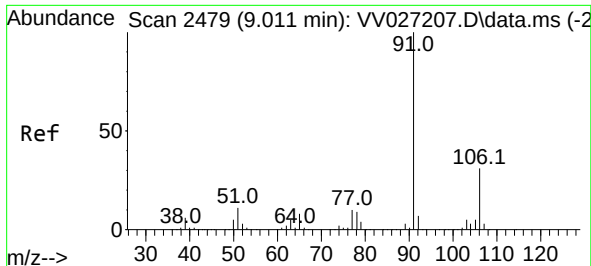
Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 59.0 44.2 66.2





#52

Ethylbenzene

Concen: 52.453 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

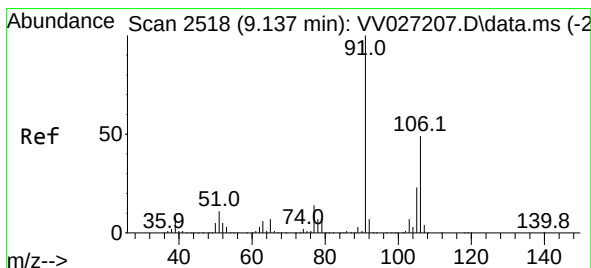
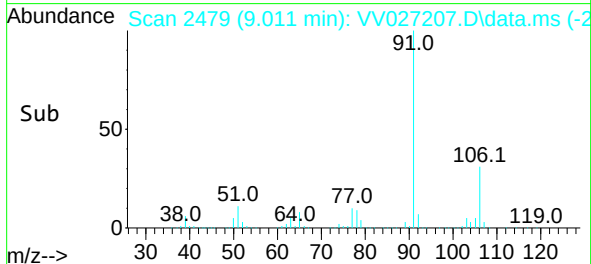
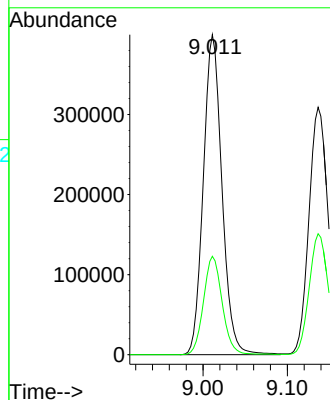
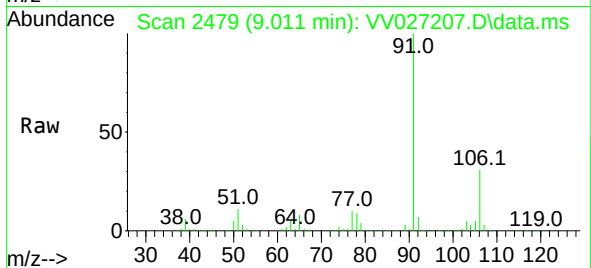
VSTD050254

Tgt Ion: 91 Resp: 616409

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.6



#53

m,p-Xylene

Concen: 54.004 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027207.D

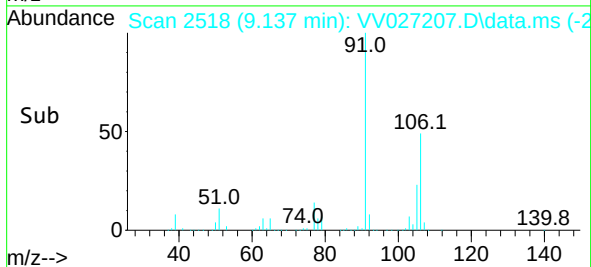
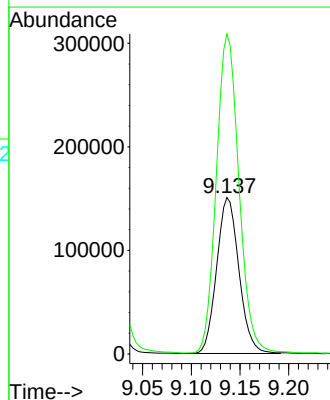
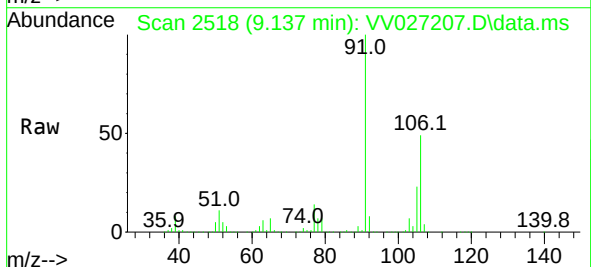
Acq: 04 Aug 2022 12:09

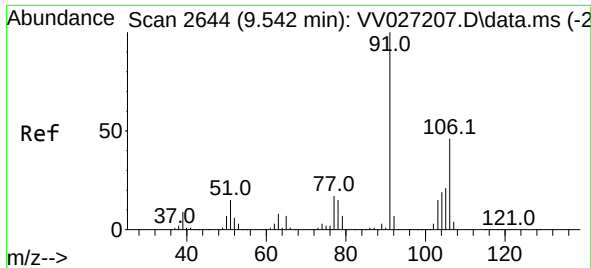
Tgt Ion: 106 Resp: 239850

Ion Ratio Lower Upper

106 100

91 204.4 137.5 255.3

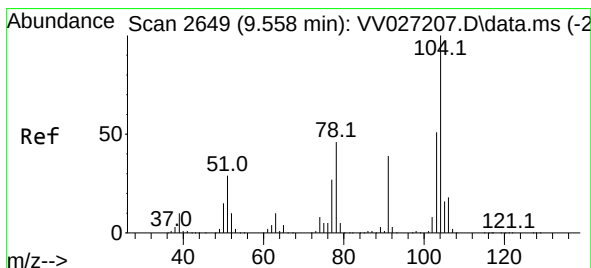
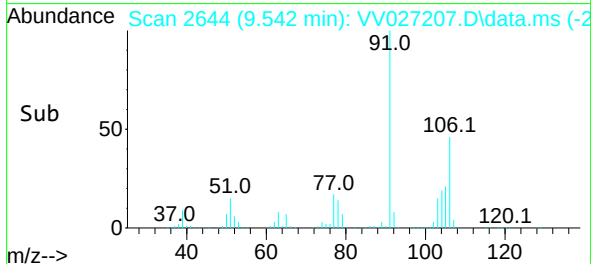
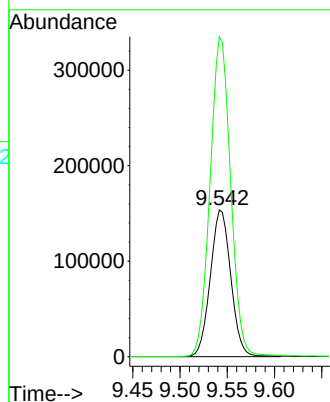
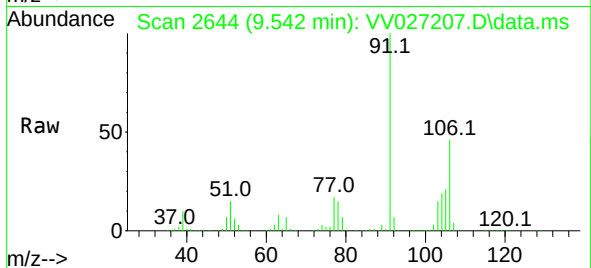




#54
o-Xylene
Concen: 53.488 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

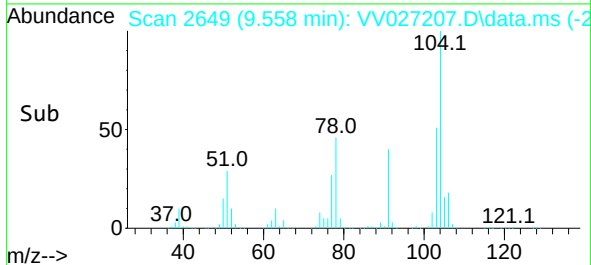
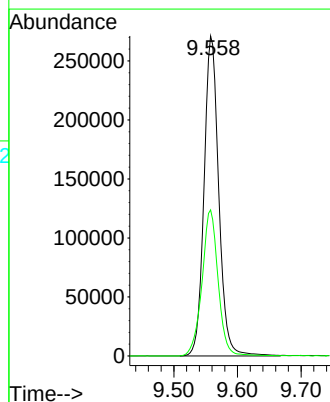
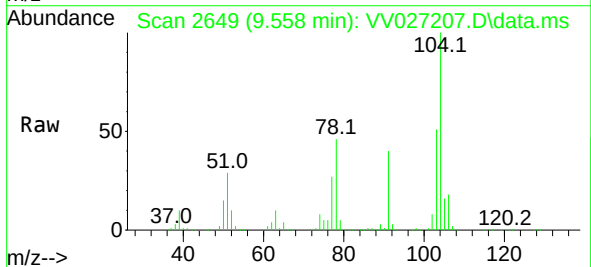
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

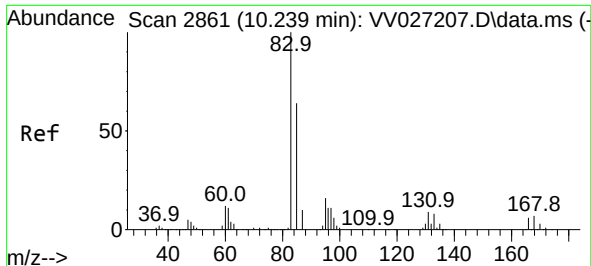
Tgt Ion:106 Resp: 231437
Ion Ratio Lower Upper
106 100
91 218.2 146.6 272.2



#55
Styrene
Concen: 57.118 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion:104 Resp: 435371
Ion Ratio Lower Upper
104 100
78 45.7 29.6 55.0

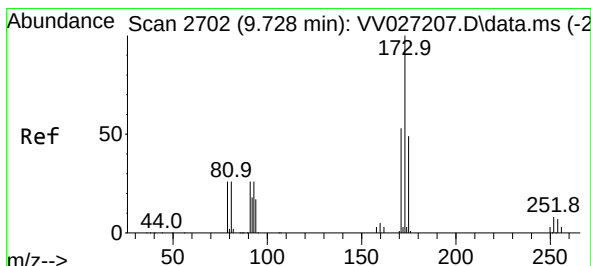
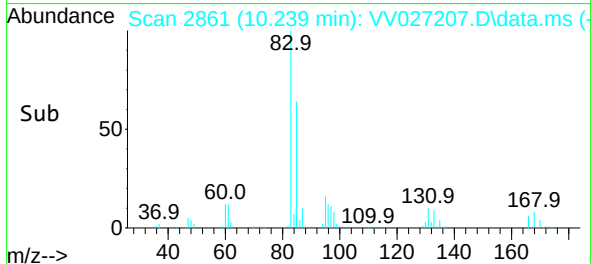
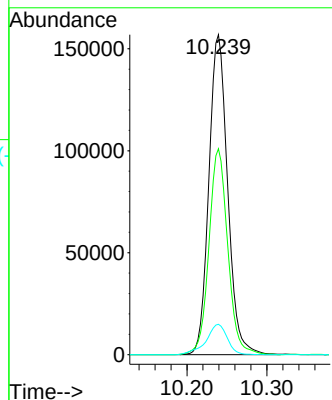
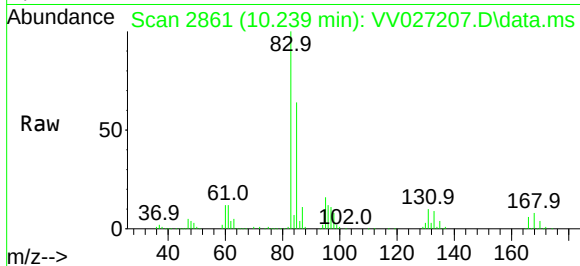




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.508 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

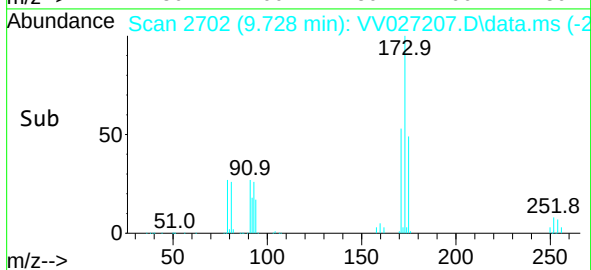
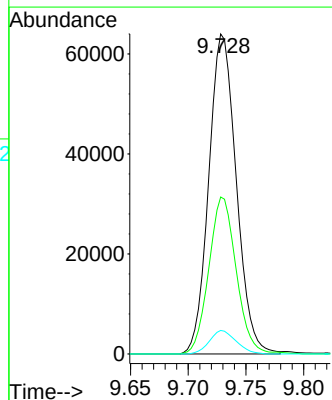
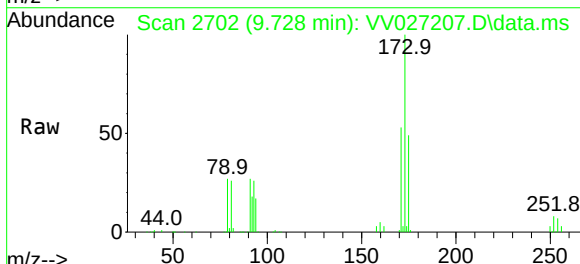
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050254

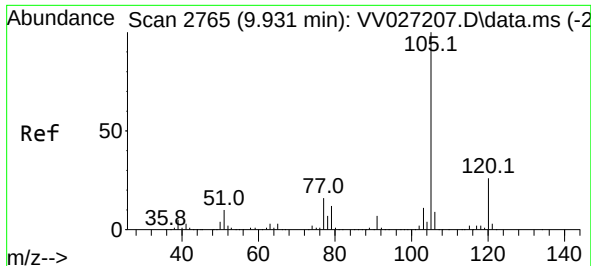
Tgt Ion: 83 Resp: 255918
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.2 84.0
 131 9.5 8.1 12.1



#59
 Bromoform
 Concen: 48.441 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

Tgt Ion: 173 Resp: 106184
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.0 58.4
 254 7.1 6.9 10.3

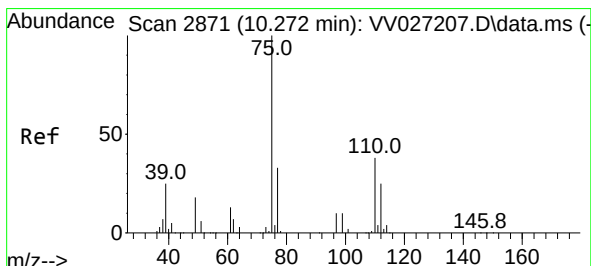
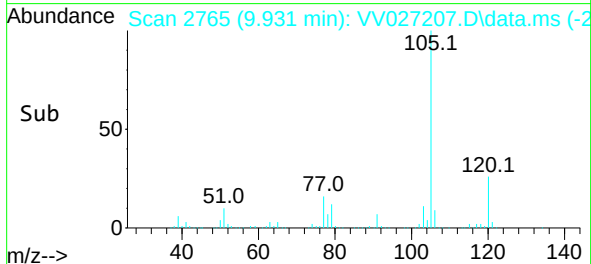
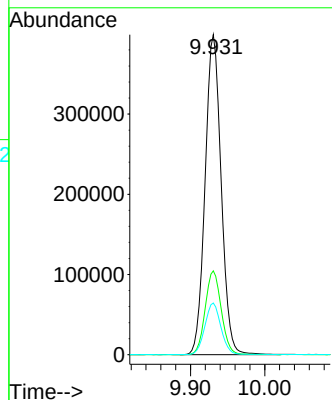
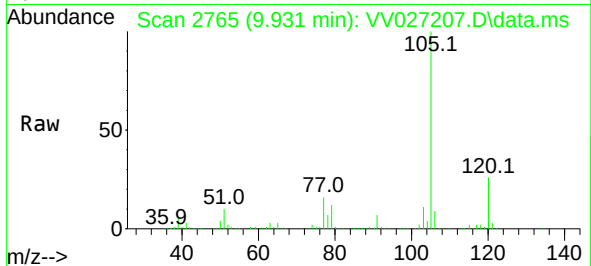




#60
Isopropylbenzene
Concen: 51.524 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

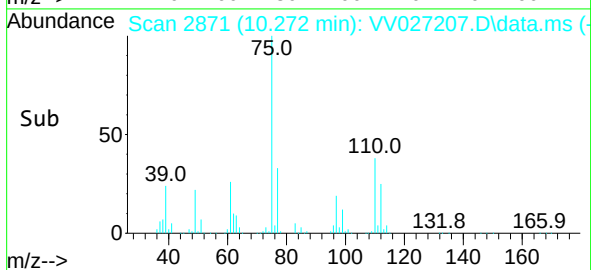
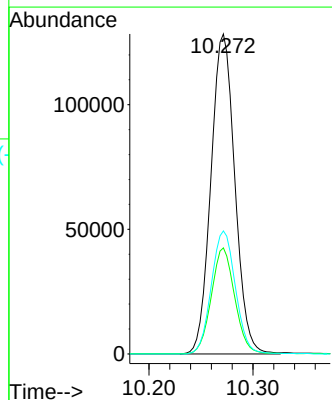
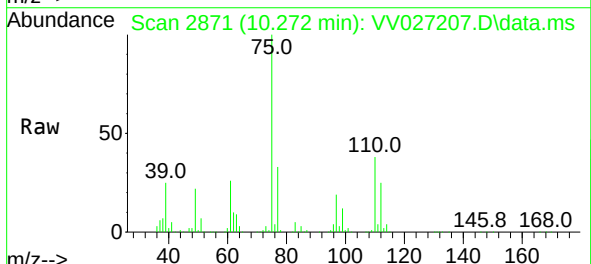
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

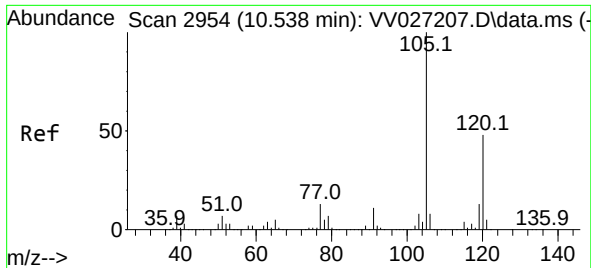
Tgt Ion:105 Resp: 599062
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 48.449 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion: 75 Resp: 205211
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 38.7 32.7 49.1

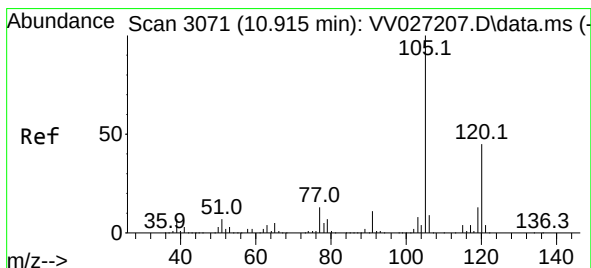
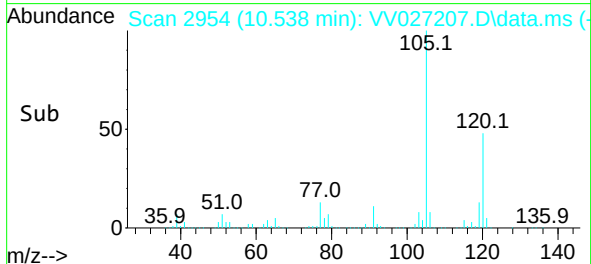
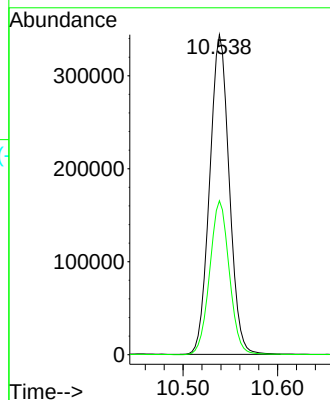
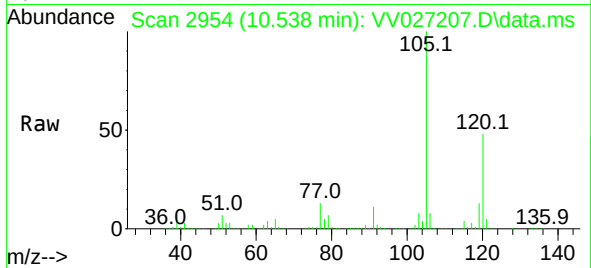




#62
 1,3,5-Trimethylbenzene
 Concen: 51.529 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

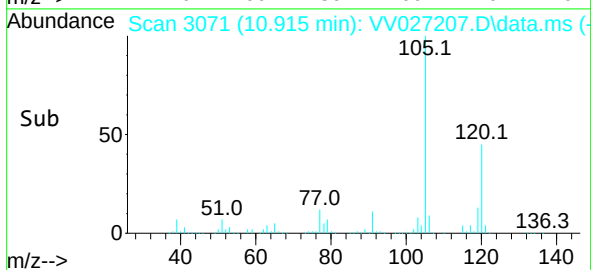
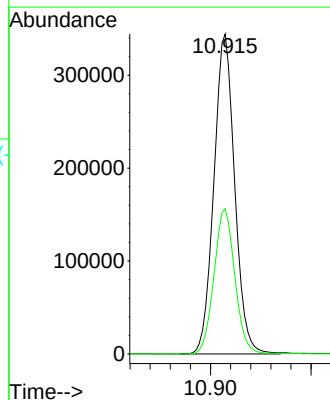
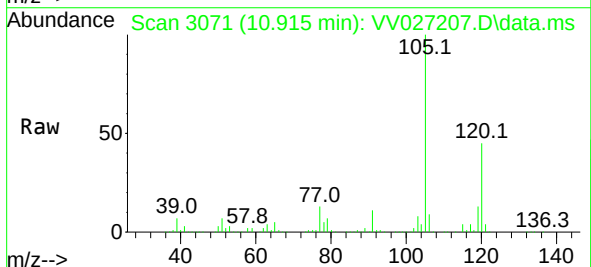
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050254

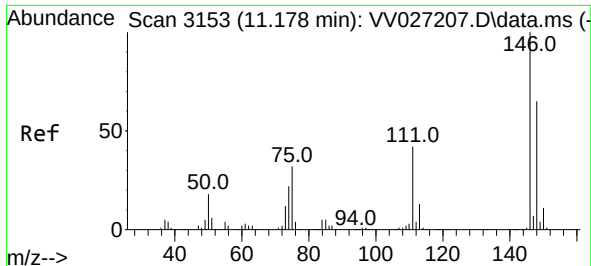
Tgt Ion:105 Resp: 494780
 Ion Ratio Lower Upper
 105 100
 120 48.4 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 52.541 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027207.D
 Acq: 04 Aug 2022 12:09

Tgt Ion:105 Resp: 494211
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.6

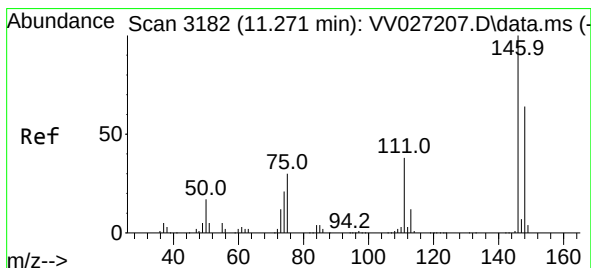
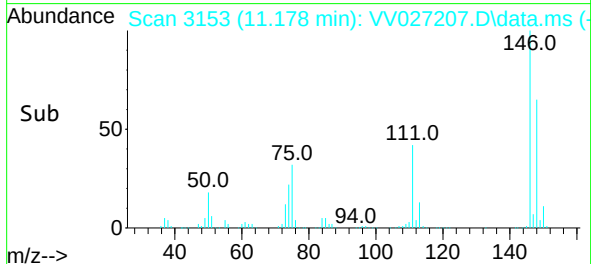
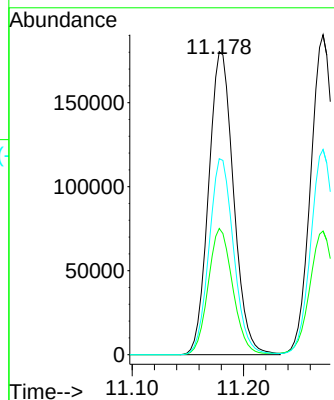
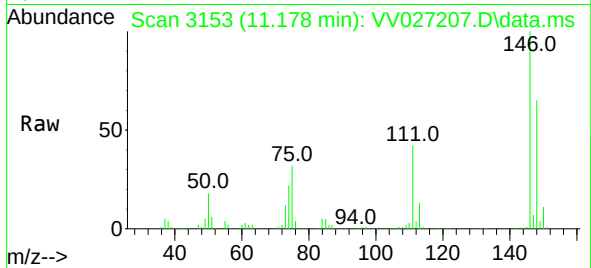




#64
1,3-Dichlorobenzene
Concen: 49.870 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

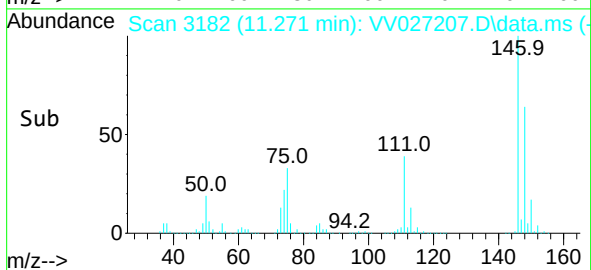
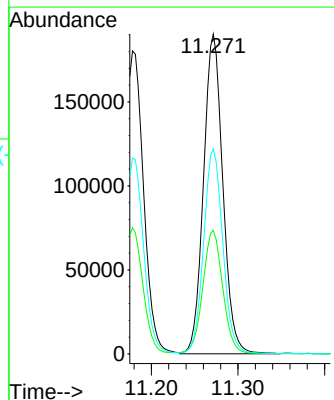
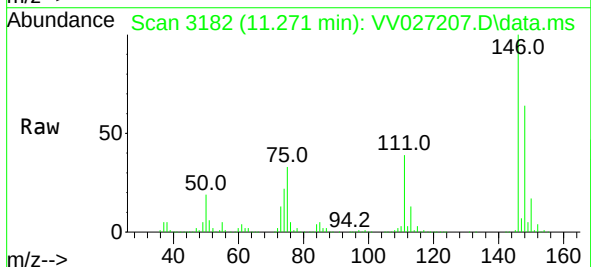
Instrument :
MSVOA_V
ClientSampleId :
VSTD050254

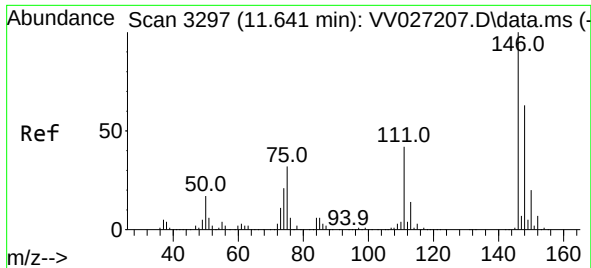
Tgt Ion:146 Resp: 281028
Ion Ratio Lower Upper
146 100
111 41.6 28.4 52.8
148 64.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 49.660 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027207.D
Acq: 04 Aug 2022 12:09

Tgt Ion:146 Resp: 294507
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 64.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 50.258 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

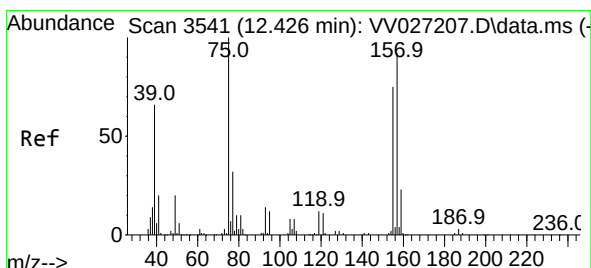
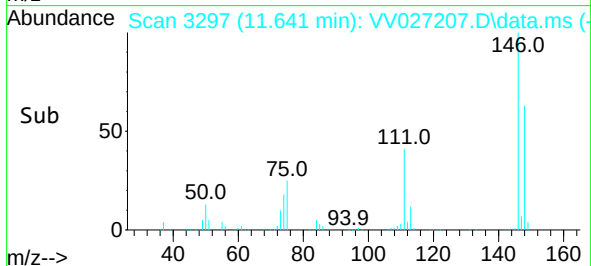
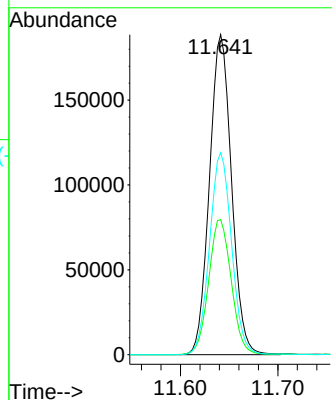
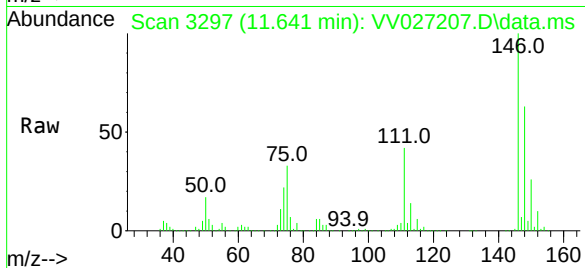
Tgt Ion:146 Resp: 296745

Ion Ratio Lower Upper

146 100

111 42.2 34.0 51.0

148 63.2 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 48.558 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

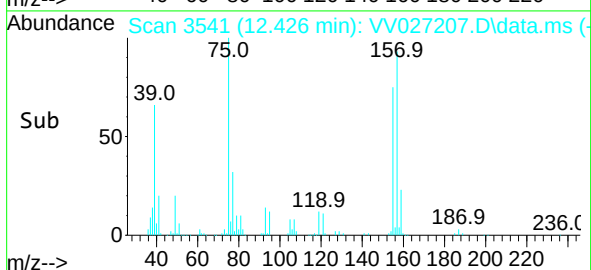
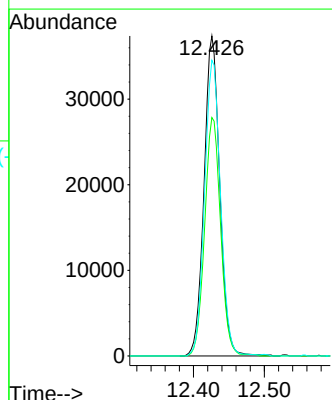
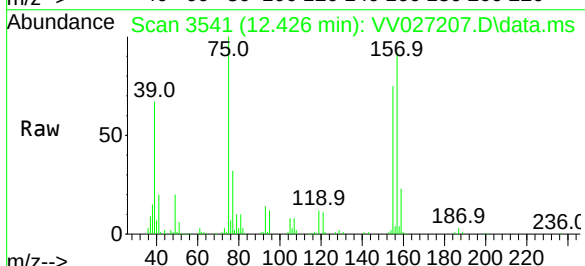
Tgt Ion: 75 Resp: 57702

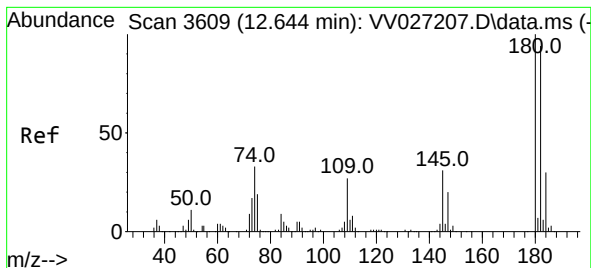
Ion Ratio Lower Upper

75 100

155 74.5 69.1 103.7

157 92.4 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 48.991 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

Tgt Ion:180 Resp: 185423

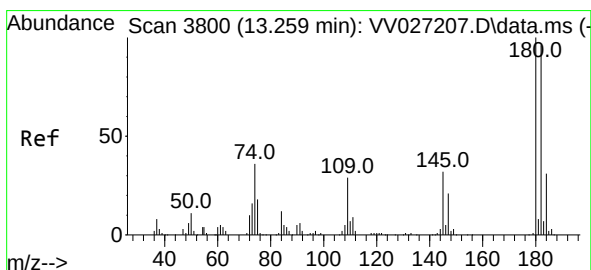
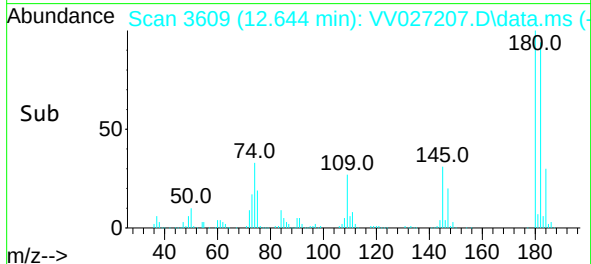
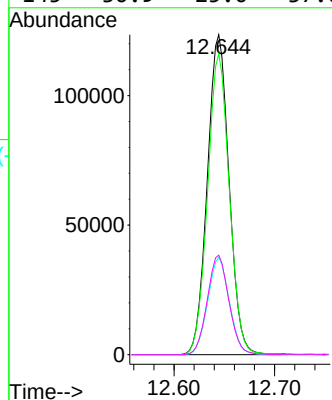
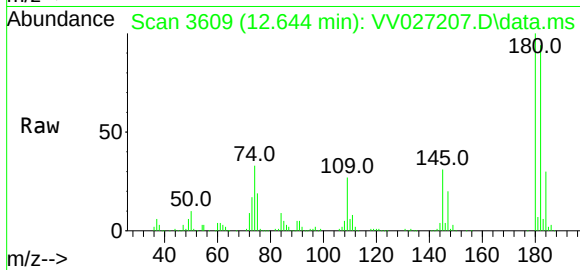
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

184 30.2 24.8 37.2

145 30.9 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 47.640 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

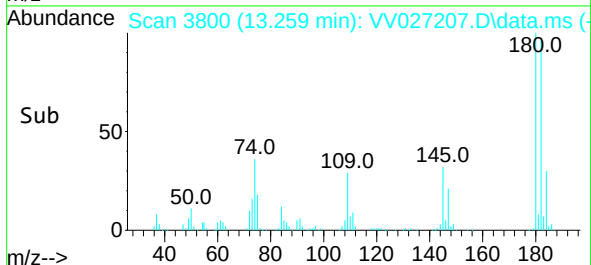
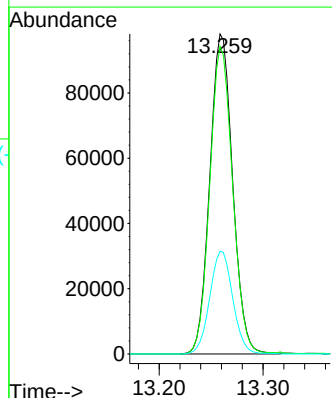
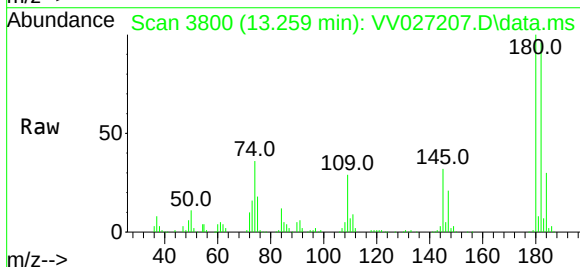
Tgt Ion:180 Resp: 149757

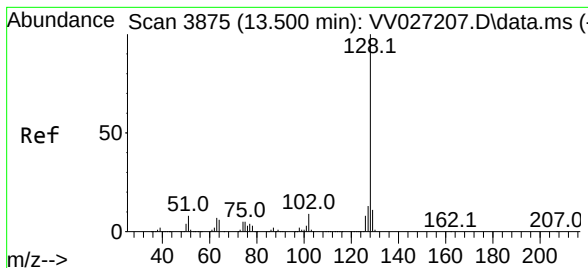
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 32.4 24.7 37.1





#71

Naphthalene

Concen: 50.954 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050254

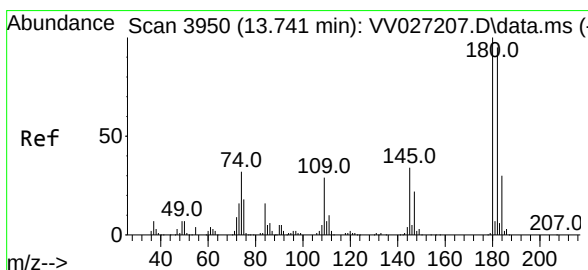
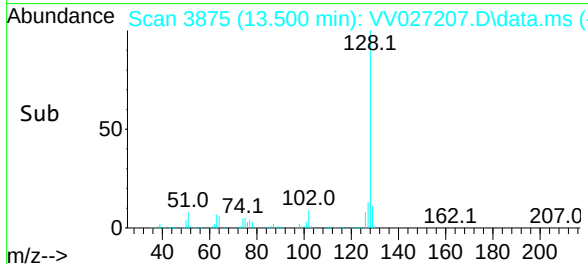
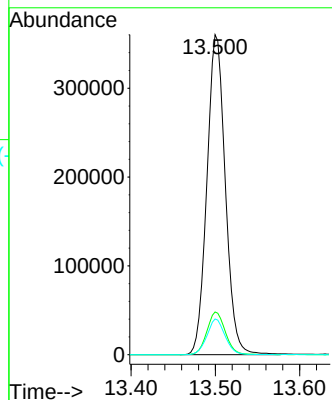
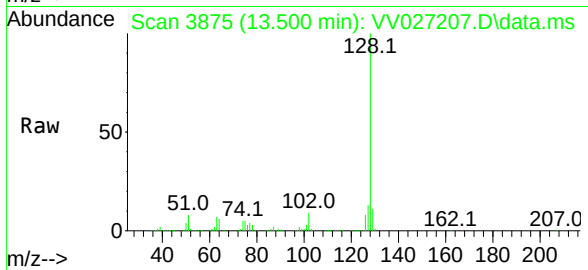
Tgt Ion:128 Resp: 548472

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.852 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027207.D

Acq: 04 Aug 2022 12:09

Tgt Ion:180 Resp: 180669

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 34.2 27.4 41.0

