

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027133.D
 Acq On : 01 Aug 2022 17:06
 Operator : SY/MD
 Sample : VSTD10049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100249

Quant Time: Aug 02 00:06:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	626318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	614983	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	339946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	408554	100.652	ug/L	0.00
7) Chloroethane-d5	1.561	69	290048	95.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	763040	98.719	ug/L	0.00
21) 2-Butanone-d5	3.873	46	579917	227.701	ug/L	0.00
24) Chloroform-d	4.339	84	834741	101.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	472993	101.607	ug/L	0.00
32) Benzene-d6	5.043	84	1692818	104.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	516483	102.598	ug/L	0.00
41) Toluene-d8	7.313	98	1571730	107.133	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	239094	108.218	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	467259	240.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	754106	100.213	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	593220	99.294	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	582482	97.193	ug/L	99
3) Chloromethane	1.237	50	545752	96.035	ug/L	99
5) Vinyl chloride	1.307	62	584322	98.781	ug/L	100
6) Bromomethane	1.516	94	305804	99.688	ug/L	99
8) Chloroethane	1.577	64	300903	94.941	ug/L	100
9) Trichlorofluoromethane	1.745	101	747610	95.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	432010	96.652	ug/L	99
12) 1,1-Dichloroethene	2.111	96	419623	96.619	ug/L	97
13) Acetone	2.169	43	428169	189.739	ug/L	100
14) Carbon disulfide	2.288	76	1276353	98.680	ug/L	100
15) Methyl Acetate	2.423	43	496822	101.198	ug/L	99
16) Methylene chloride	2.500	84	519899	94.440	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	460902	99.701	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	1416038	106.630	ug/L	100
19) 1,1-Dichloroethane	3.182	63	842653	99.543	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	525991	107.189	ug/L	100
22) 2-Butanone	3.957	43	675920	228.111	ug/L	98
23) Bromochloromethane	4.240	128	281271	100.885	ug/L	99
25) Chloroform	4.368	83	882546	99.020	ug/L	100
27) 1,2-Dichloroethane	5.124	62	618771	100.271	ug/L	99
29) Cyclohexane	4.670	56	684176	109.884	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	759800	98.527	ug/L	99
31) Carbon tetrachloride	4.822	117	657715	99.186	ug/L	100
33) Benzene	5.092	78	1948087	103.282	ug/L	100
34) Trichloroethene	5.908	95	478936	98.736	ug/L	98
35) Methylcyclohexane	6.127	83	785139	109.061	ug/L	98
37) 1,2-Dichloropropane	6.169	63	499580	100.890	ug/L	100
38) Bromodichloromethane	6.503	83	654207	99.742	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	768324	110.605	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1296983	221.619	ug/L	100
42) Toluene	7.384	91	2054717	105.596	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	726976	108.922	ug/L	99

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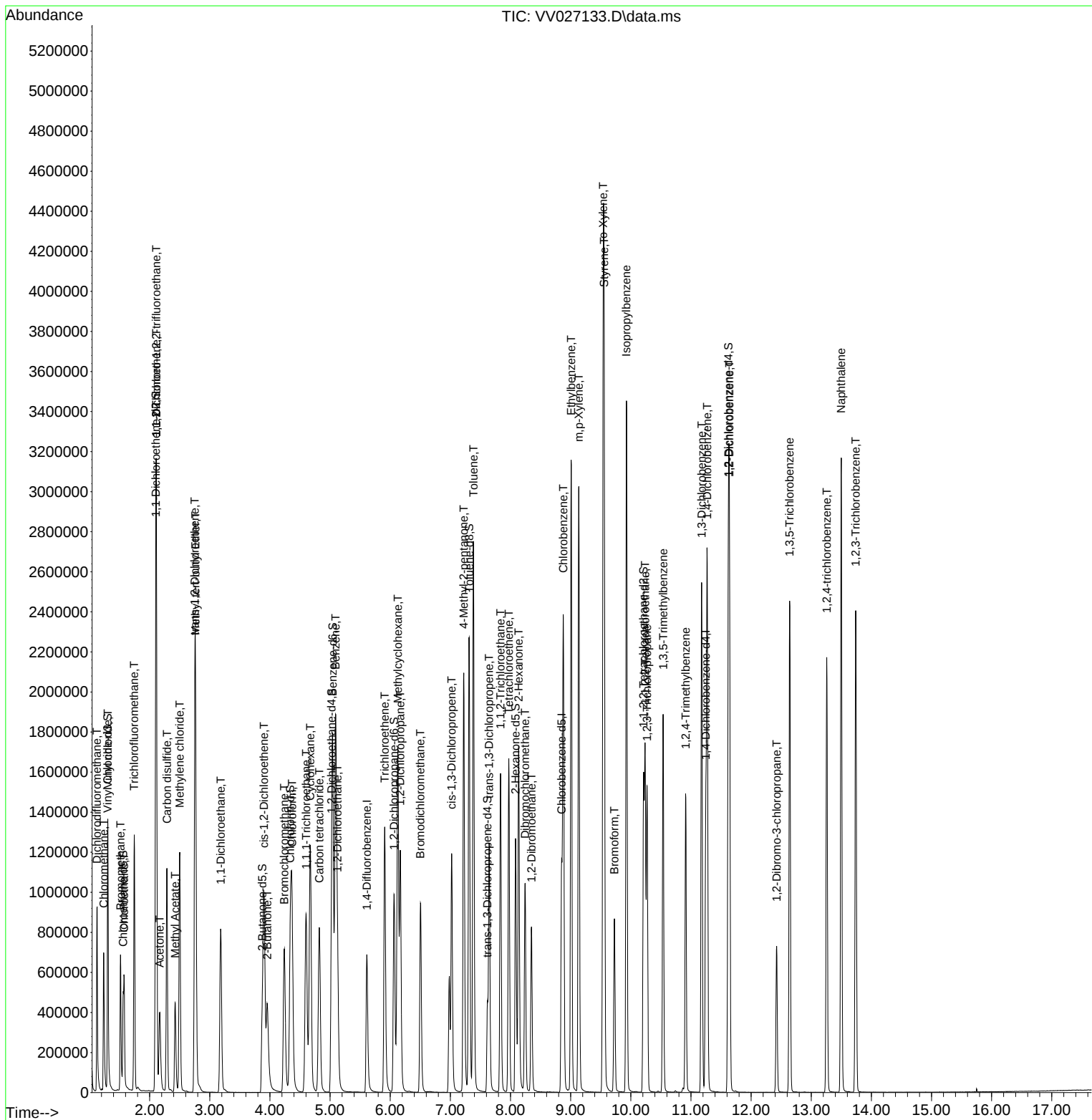
Instrument :
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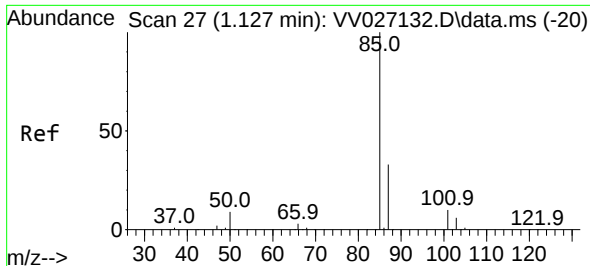
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	511468	98.260	ug/L	98
46) Tetrachloroethene	7.973	164	374176	101.037	ug/L	98
48) 2-Hexanone	8.137	43	1014680	222.999	ug/L	100
49) Dibromochloromethane	8.243	129	550595	101.897	ug/L	98
50) 1,2-Dibromoethane	8.349	107	542767	100.718	ug/L	100
51) Chlorobenzene	8.879	112	1347872	100.097	ug/L	99
52) Ethylbenzene	9.008	91	2186422	109.641	ug/L	99
53) m,p-Xylene	9.137	106	871367	111.391	ug/L	99
54) o-Xylene	9.542	106	851899	111.251	ug/L	99
55) Styrene	9.558	104	1524194	114.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	835632	99.002	ug/L	100
59) Bromoform	9.728	173	383741	97.776	ug/L	99
60) Isopropylbenzene	9.928	105	2199329	105.439	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	648077	91.824	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	985508	109.079	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	802612	109.950	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	1034177	100.600	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	1057313	97.495	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1062807	98.451	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	184281	97.593	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	745003	102.148	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	656118	107.140	ug/L	99
71) Naphthalene	13.500	128	2384199	118.521	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	721622	107.756	ug/L	99

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

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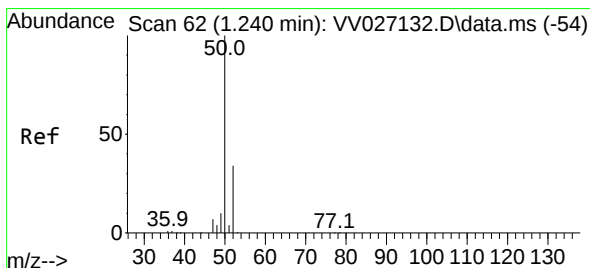
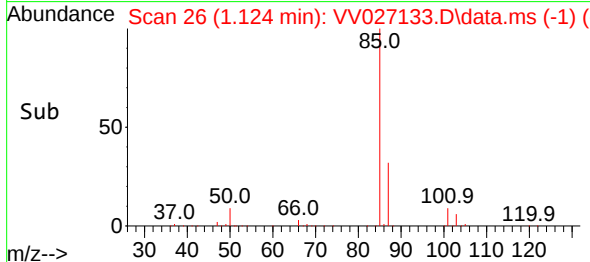
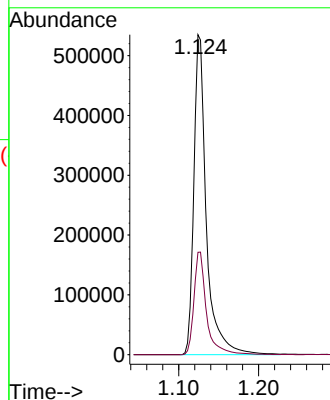
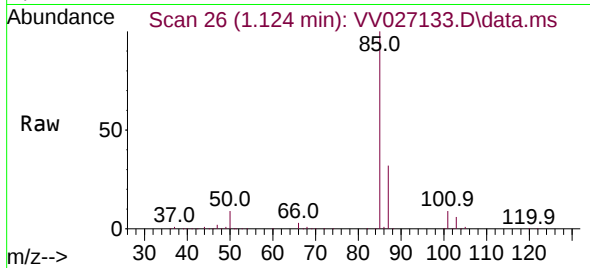




#2
 Dichlorodifluoromethane
 Concen: 97.193 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

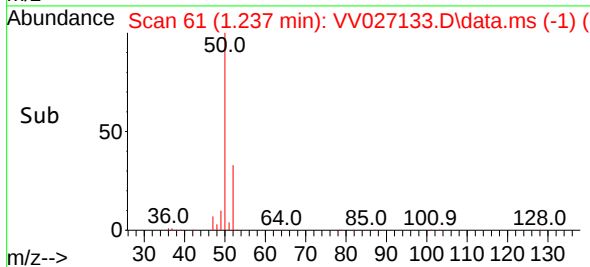
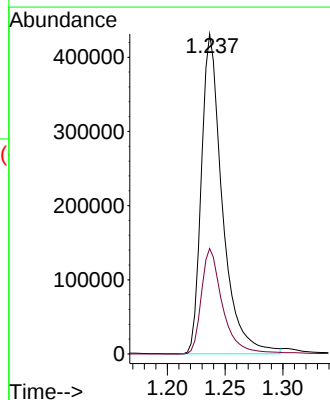
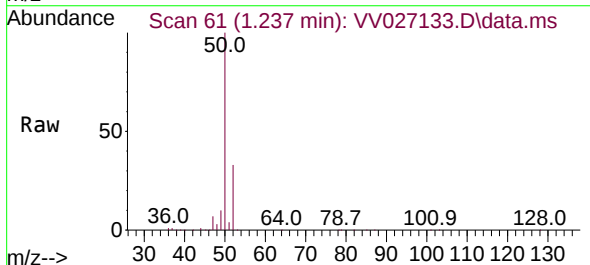
Instrument :
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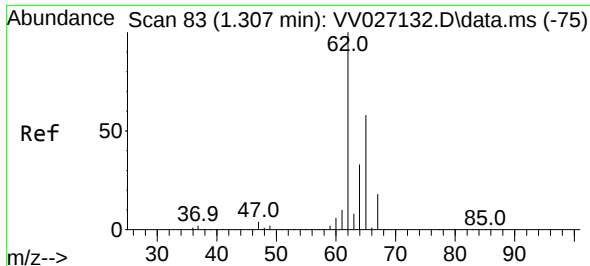
Tgt Ion: 85 Resp: 582482
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.3 39.5



#3
 Chloromethane
 Concen: 96.035 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

Tgt Ion: 50 Resp: 545752
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

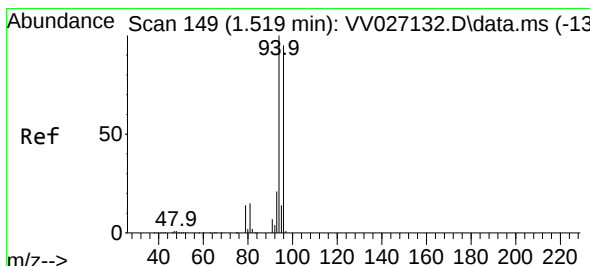
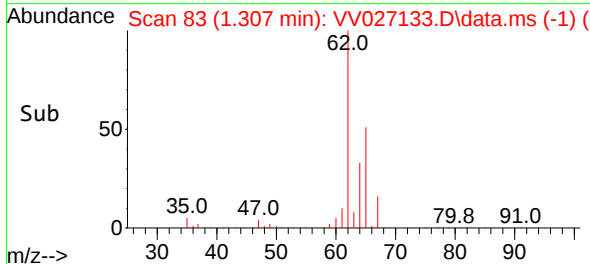
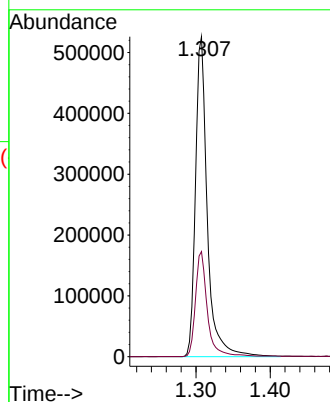
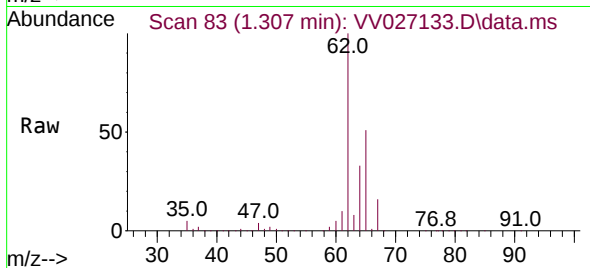




#5
 Vinyl chloride
 Concen: 98.781 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

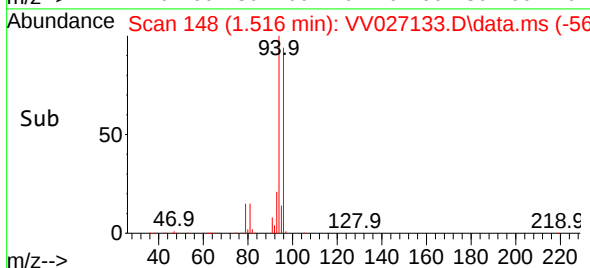
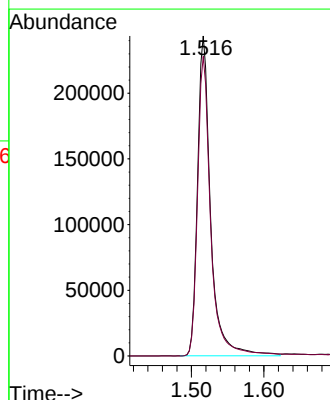
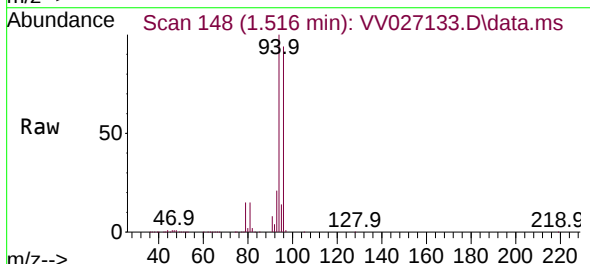
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 ClientSampleId :
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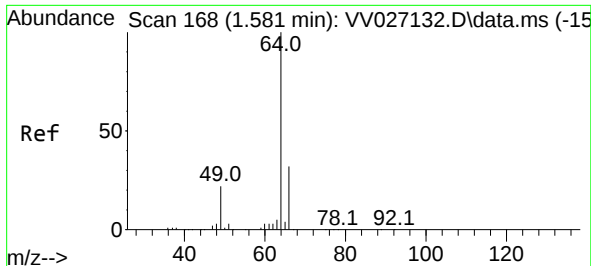
Tgt Ion: 62 Resp: 584322
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 99.688 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

Tgt Ion: 94 Resp: 305804
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.6 123.6

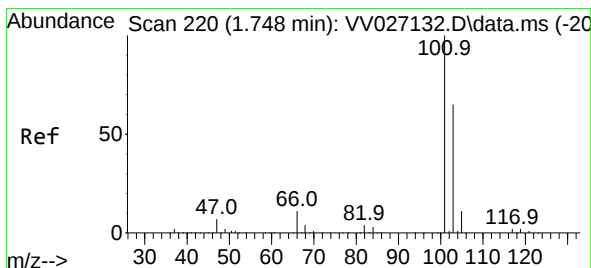
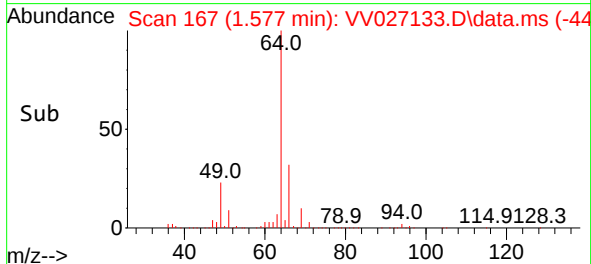
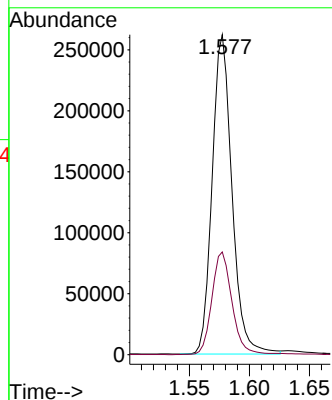
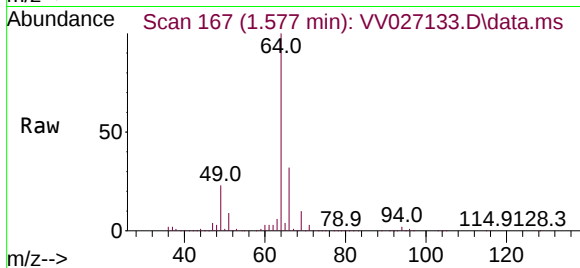




#8
Chloroethane
Concen: 94.941 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

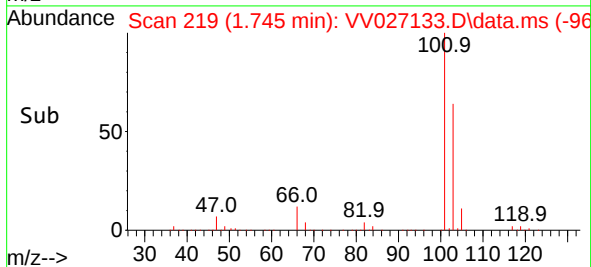
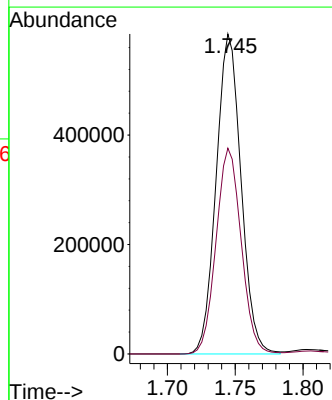
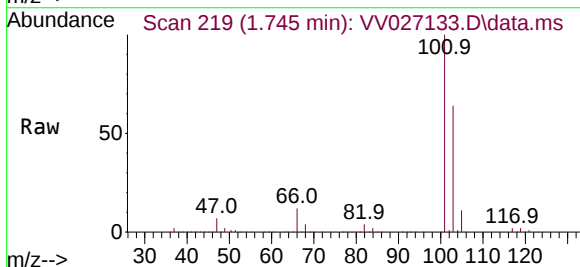
Instrument :
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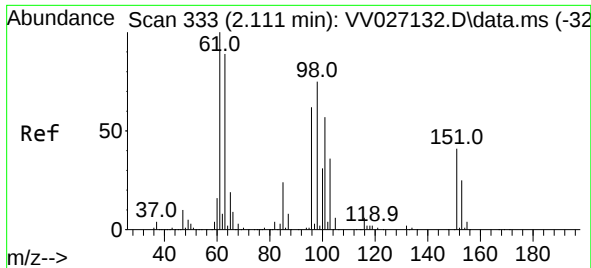
Tgt Ion: 64 Resp: 300903
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 95.926 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion:101 Resp: 747610
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

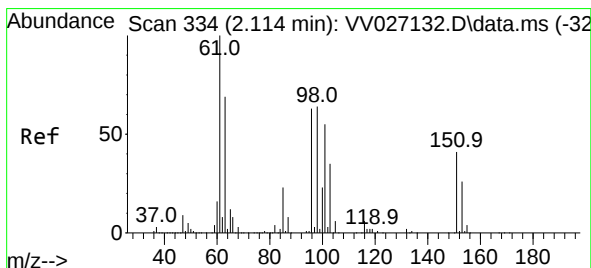
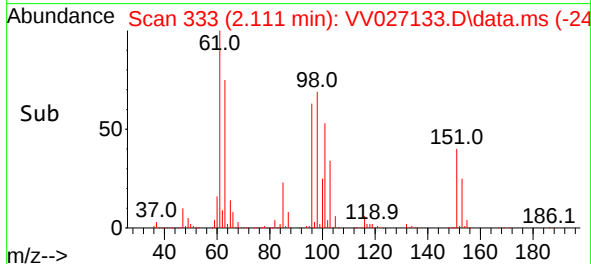
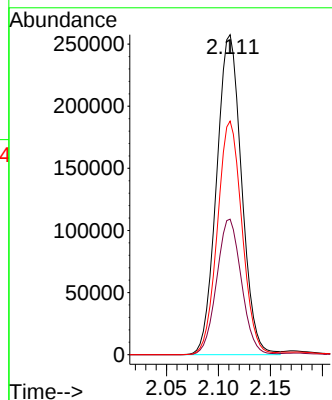
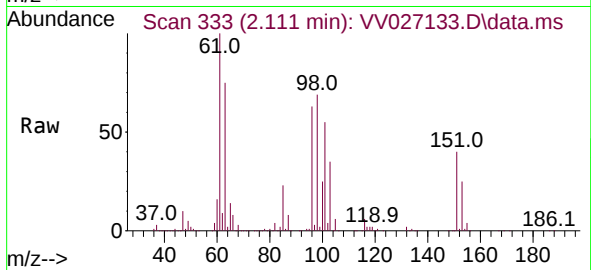




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.652 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

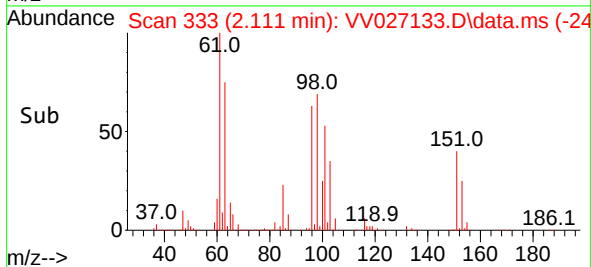
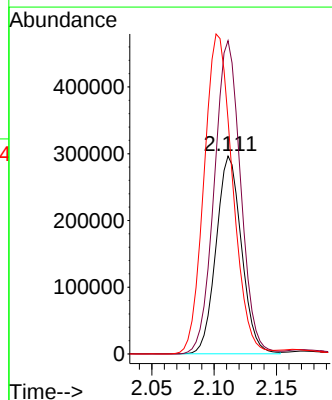
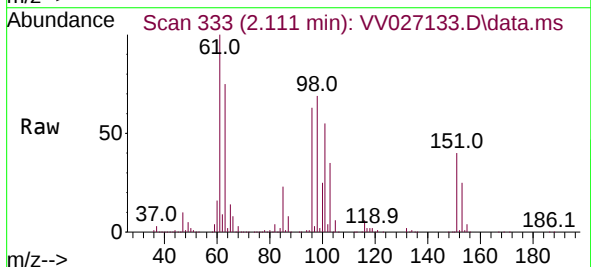
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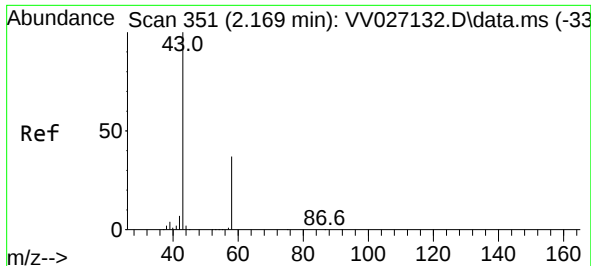
Tgt Ion:101 Resp: 432010
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.9 50.9
 151 71.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 96.619 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

Tgt Ion: 96 Resp: 419623
 Ion Ratio Lower Upper
 96 100
 61 158.3 110.7 205.5
 63 118.4 78.4 145.6





#13

Acetone

Concen: 189.739 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

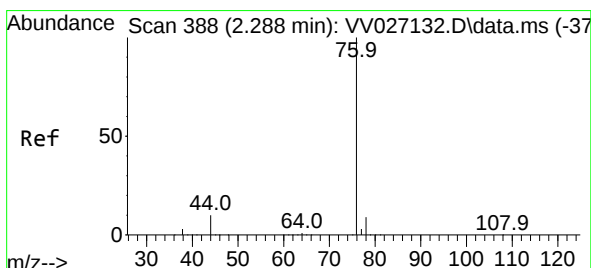
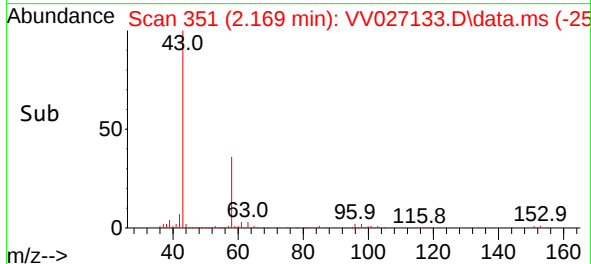
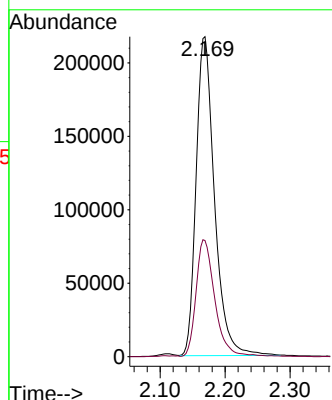
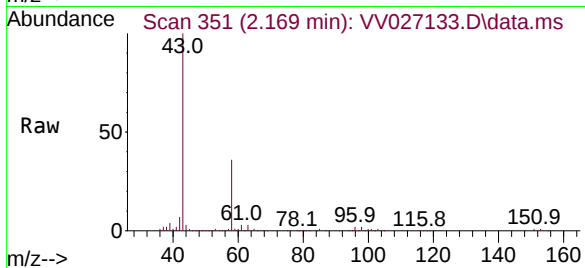
VSTD100249

Tgt Ion: 43 Resp: 428169

Ion Ratio Lower Upper

43 100

58 36.7 0.0 73.6



#14

Carbon disulfide

Concen: 98.680 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027133.D

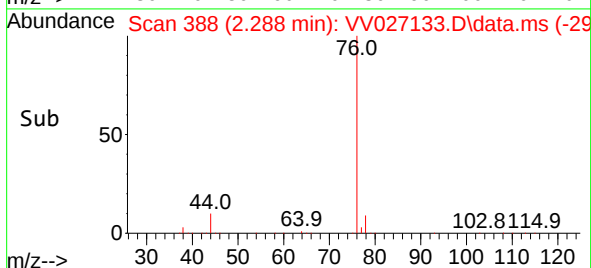
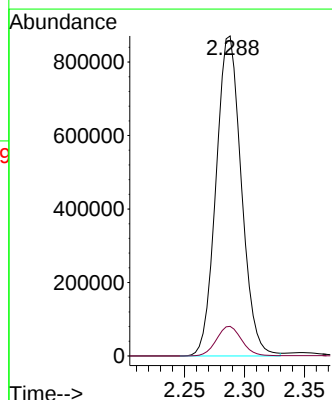
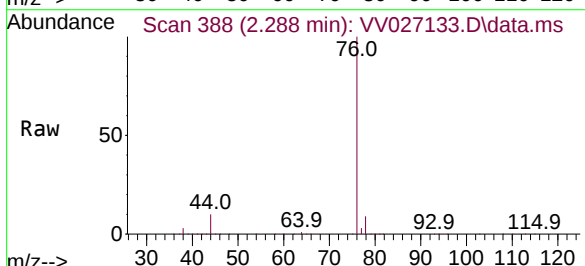
Acq: 01 Aug 2022 17:06

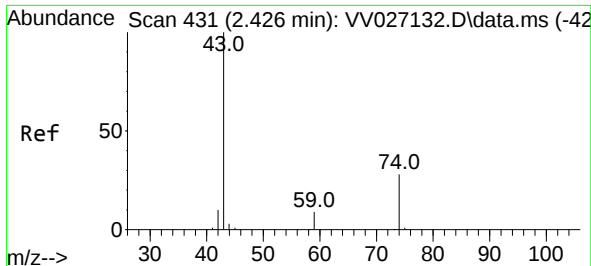
Tgt Ion: 76 Resp: 1276353

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

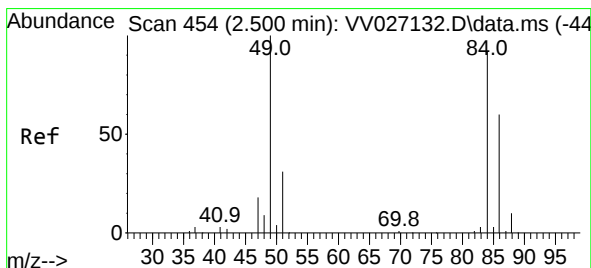
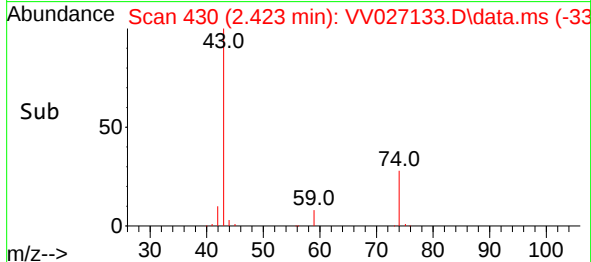
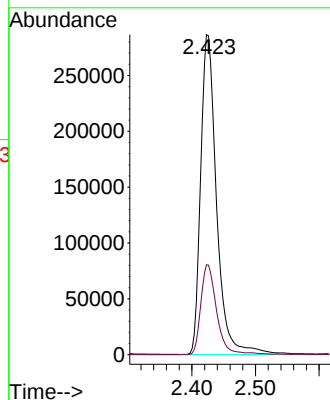
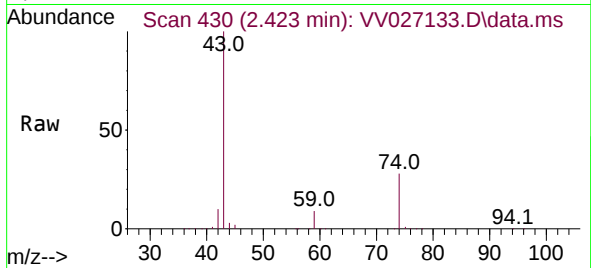




#15
Methyl Acetate
Concen: 101.198 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

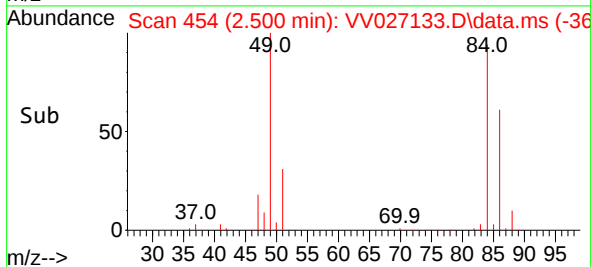
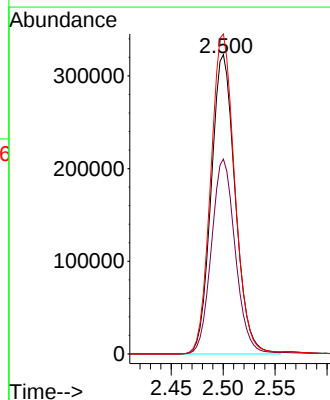
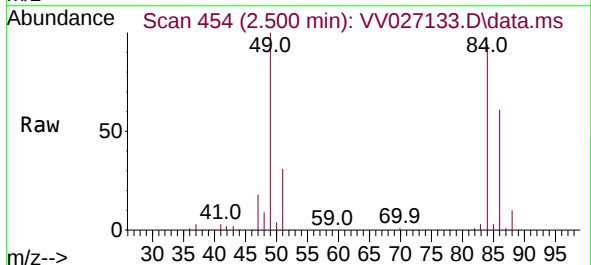
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

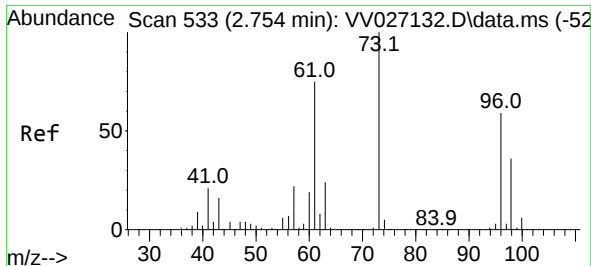
Tgt Ion: 43 Resp: 496822
Ion Ratio Lower Upper
43 100
74 27.5 22.4 33.6



#16
Methylene chloride
Concen: 94.440 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 84 Resp: 519899
Ion Ratio Lower Upper
84 100
86 65.1 45.3 84.1
49 106.9 76.0 141.2





#17

trans-1,2-Dichloroethene

Concen: 99.701 ug/L

RT: 2.751 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD100249

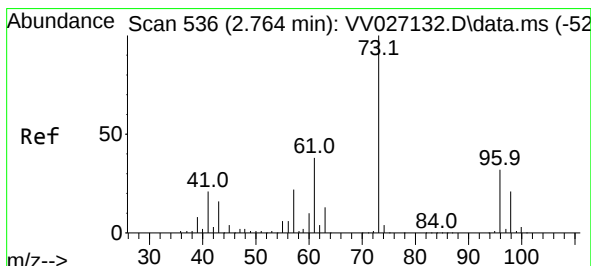
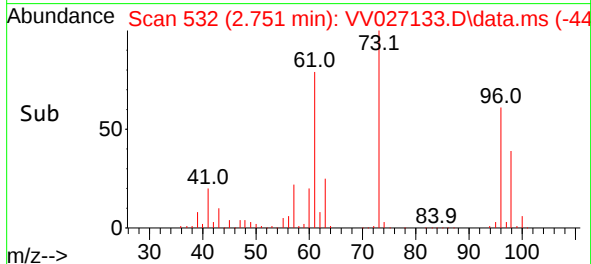
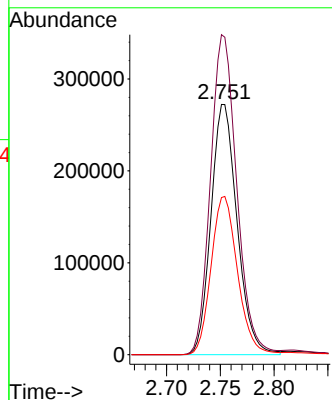
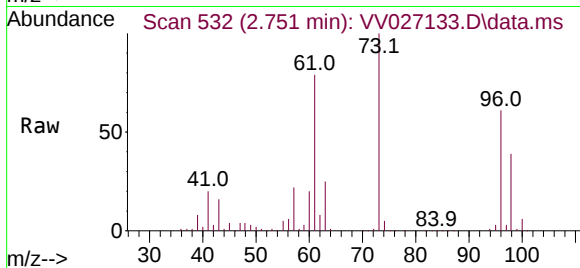
Tgt Ion: 96 Resp: 460902

Ion Ratio Lower Upper

96 100

61 127.8 89.2 165.6

98 62.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 106.630 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

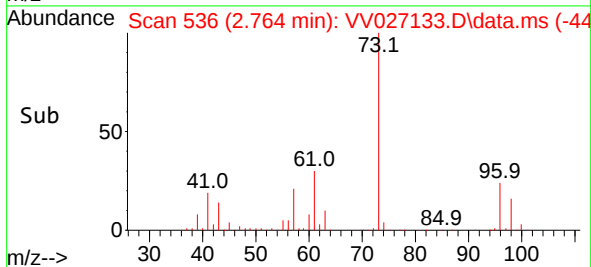
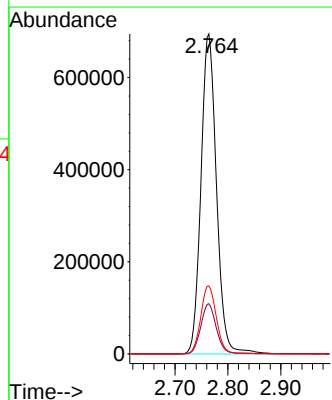
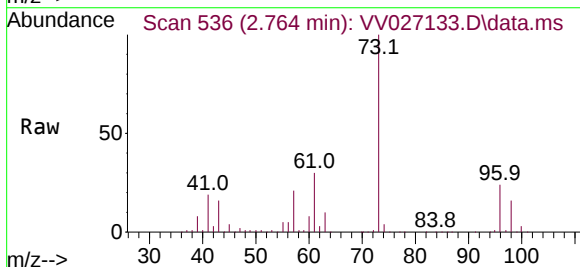
Tgt Ion: 73 Resp: 1416038

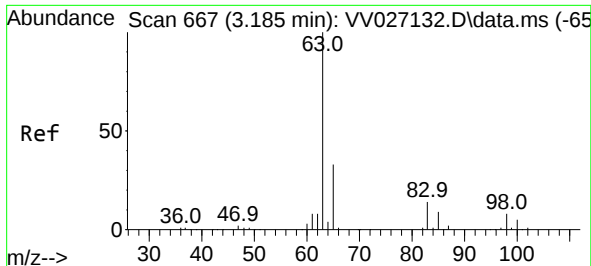
Ion Ratio Lower Upper

73 100

43 15.5 12.6 18.8

57 21.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 99.543 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD100249

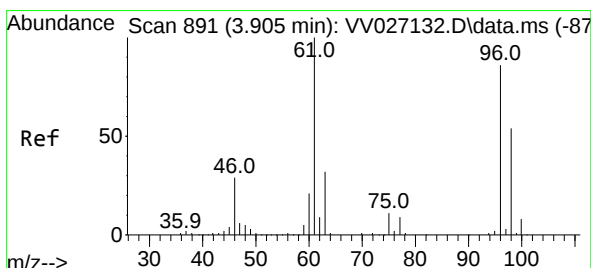
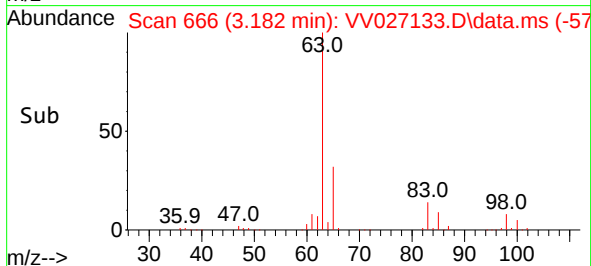
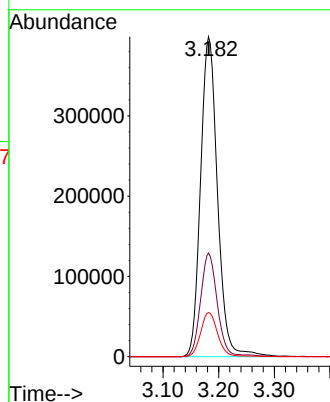
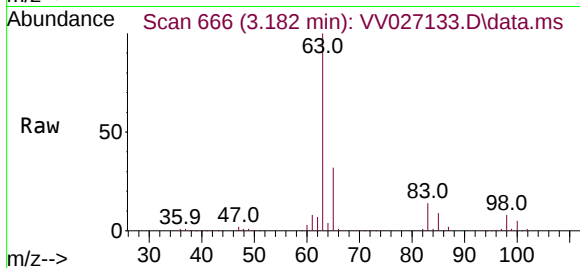
Tgt Ion: 63 Resp: 842653

Ion Ratio Lower Upper

63 100

65 32.4 22.9 42.5

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 107.189 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

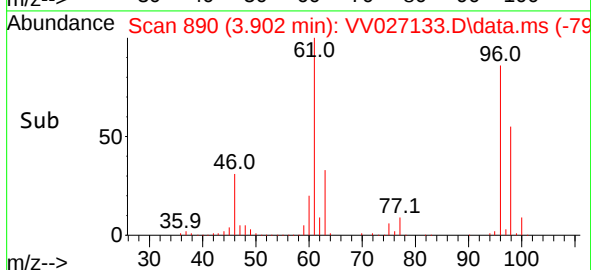
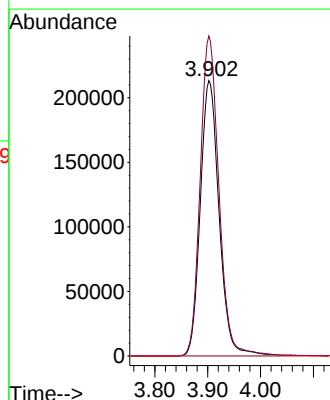
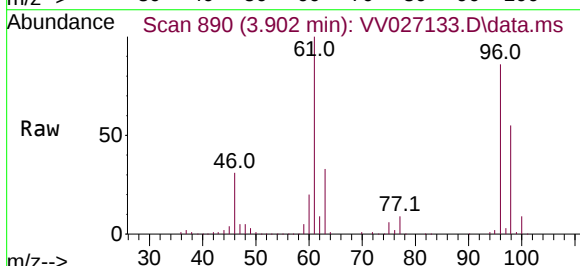
Tgt Ion: 96 Resp: 525991

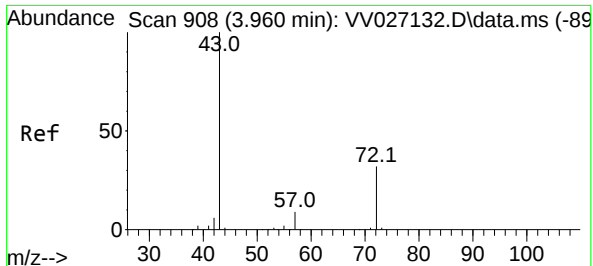
Ion Ratio Lower Upper

96 100

61 116.2 81.7 151.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 228.111 ug/L

RT: 3.957 min Scan# 907

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

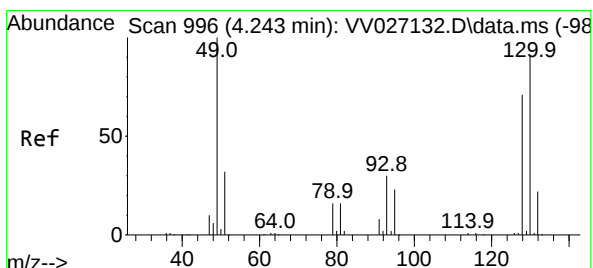
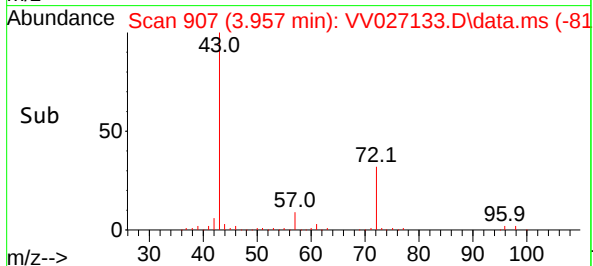
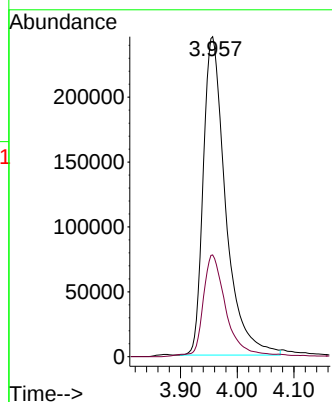
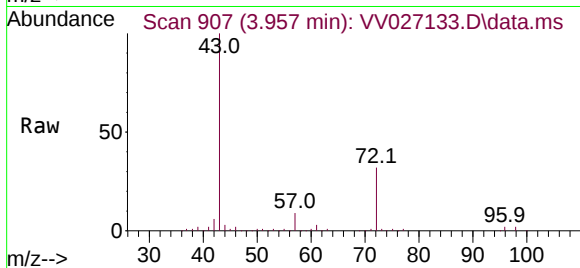
VSTD100249

Tgt Ion: 43 Resp: 675920

Ion Ratio Lower Upper

43 100

72 32.5 15.7 47.1



#23

Bromochloromethane

Concen: 100.885 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Tgt Ion: 128 Resp: 281271

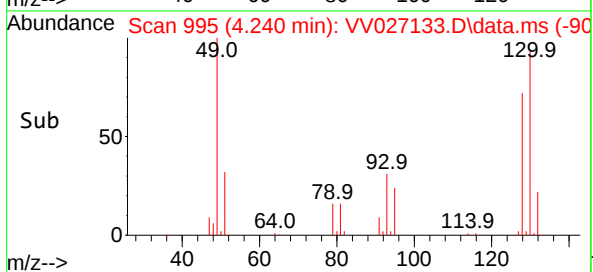
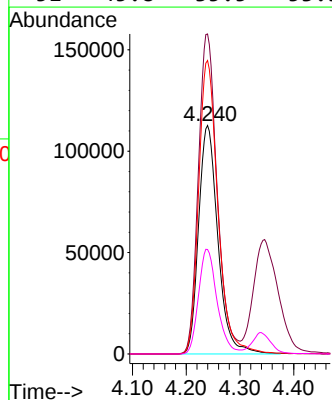
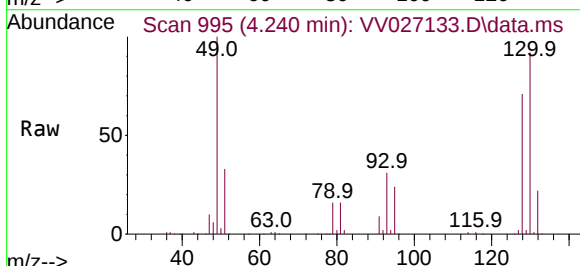
Ion Ratio Lower Upper

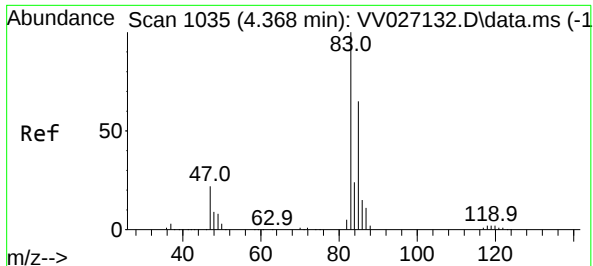
128 100

49 140.1 98.6 183.2

130 128.4 89.7 166.5

51 45.8 35.5 53.3





#25

Chloroform

Concen: 99.020 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

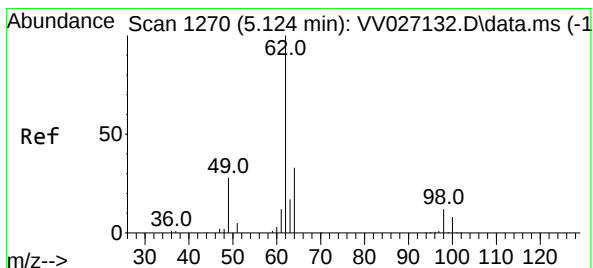
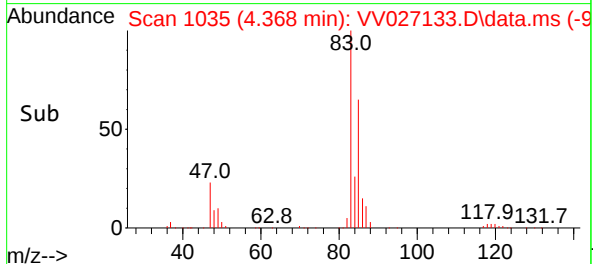
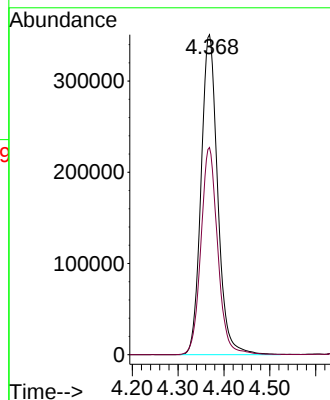
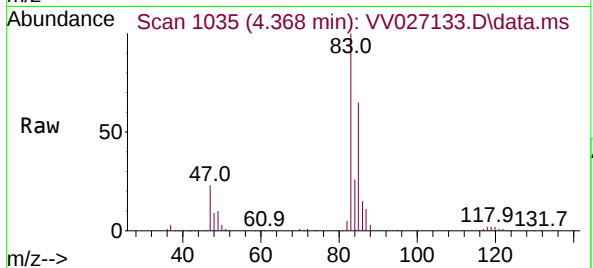
VSTD100249

Tgt Ion: 83 Resp: 882546

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 100.271 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027133.D

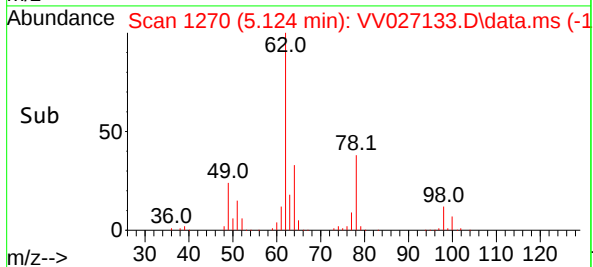
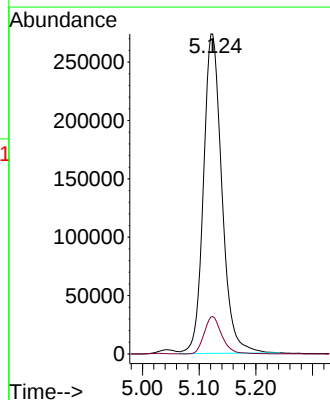
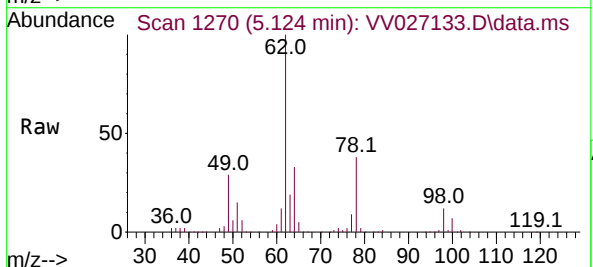
Acq: 01 Aug 2022 17:06

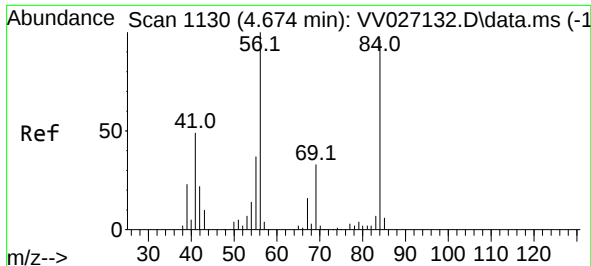
Tgt Ion: 62 Resp: 618771

Ion Ratio Lower Upper

62 100

98 11.7 9.2 13.8

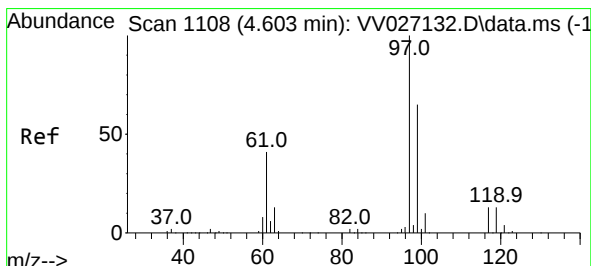
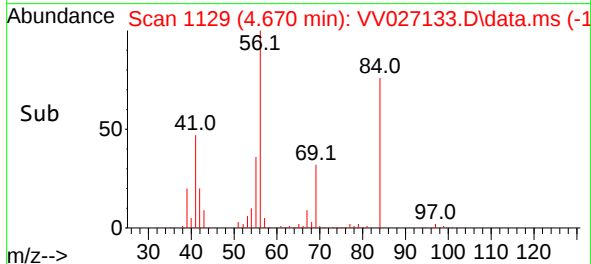
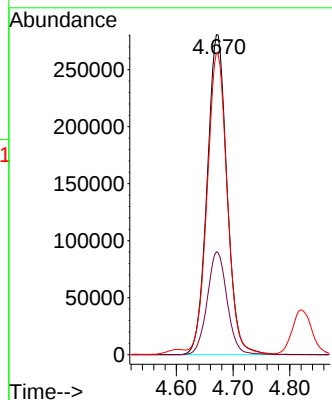
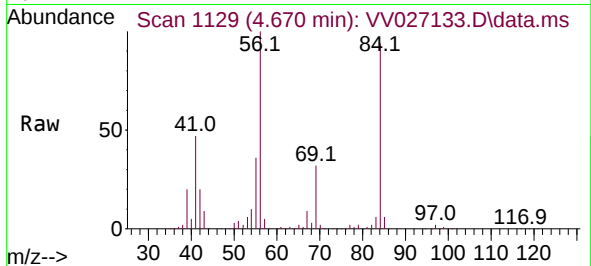




#29
Cyclohexane
Concen: 109.884 ug/L
RT: 4.670 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

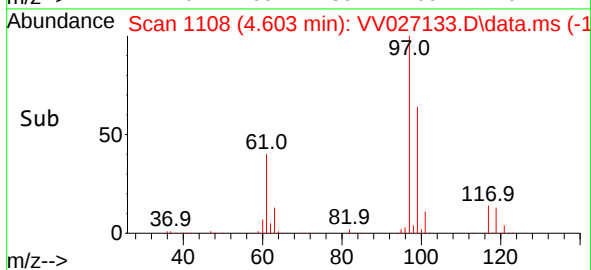
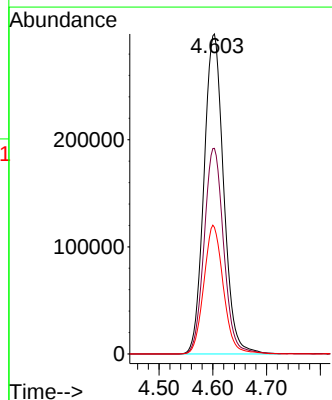
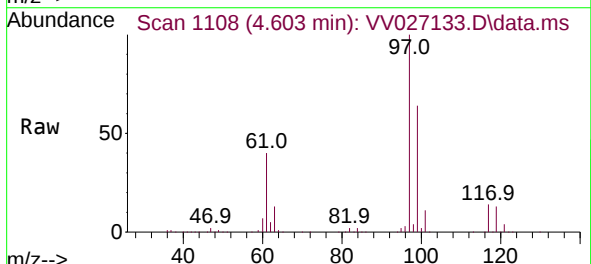
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

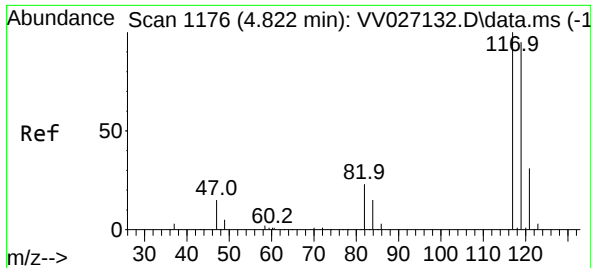
Tgt Ion: 56 Resp: 684176
Ion Ratio Lower Upper
56 100
69 32.2 26.1 39.1
84 94.7 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 98.527 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 97 Resp: 759800
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 40.0 32.7 49.1

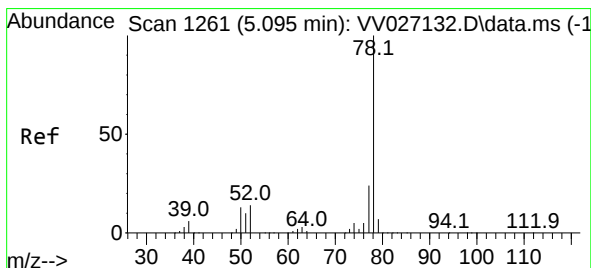
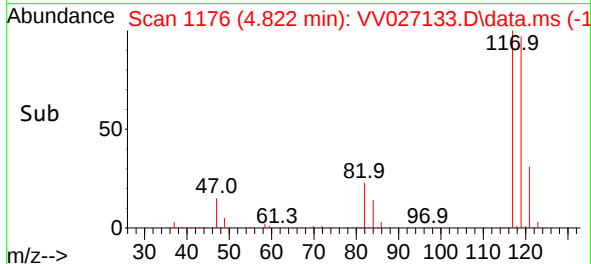
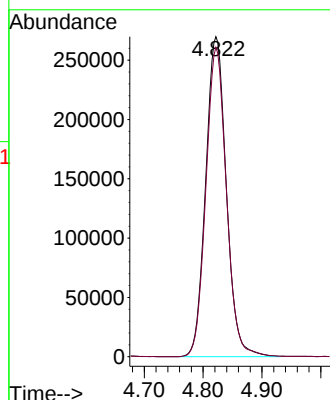
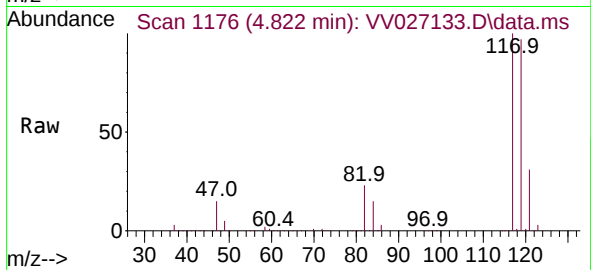




#31
Carbon tetrachloride
Concen: 99.186 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

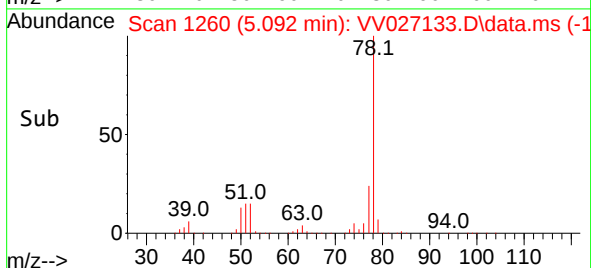
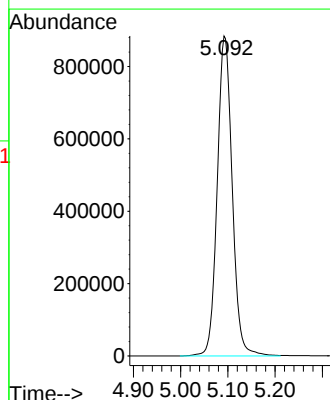
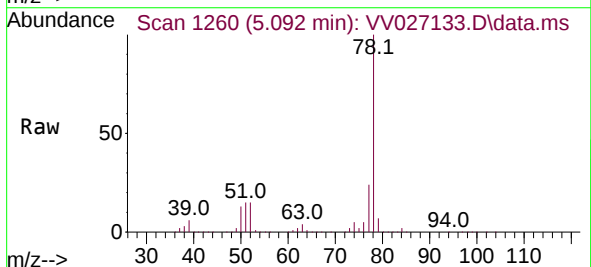
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

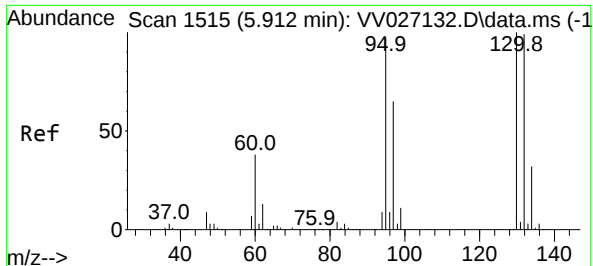
Tgt Ion:117 Resp: 657715
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 103.282 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 78 Resp: 1948087

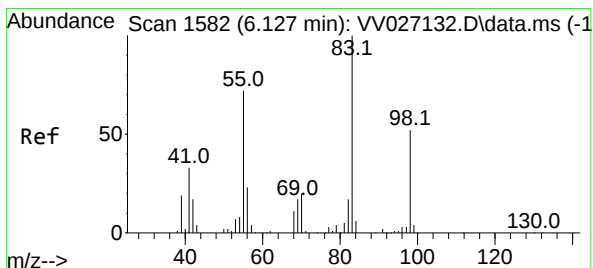
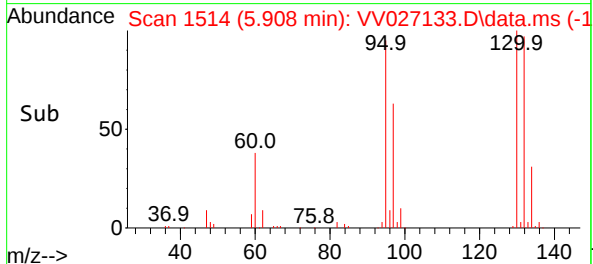
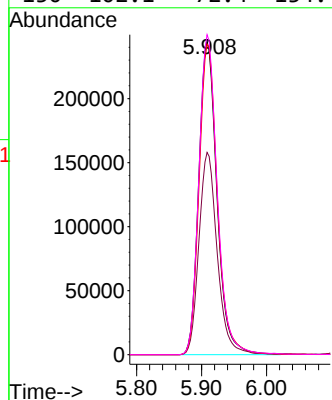
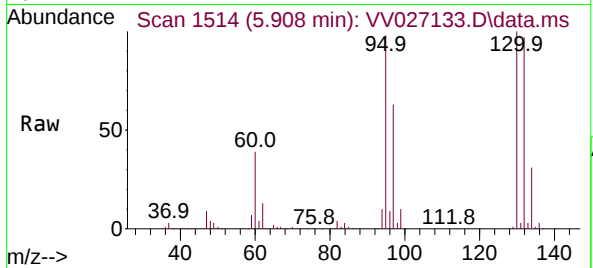




#34
Trichloroethene
Concen: 98.736 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

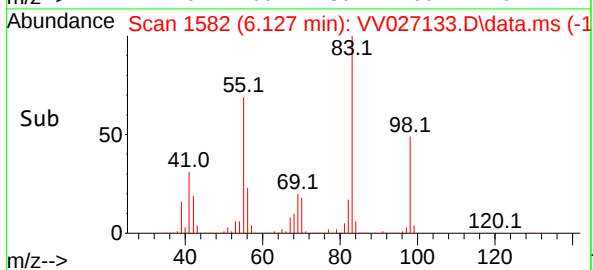
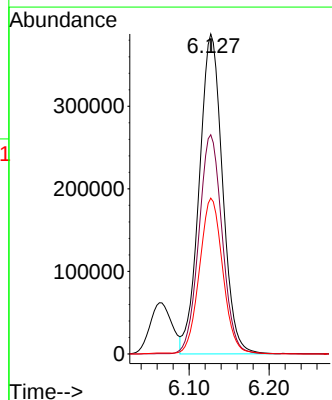
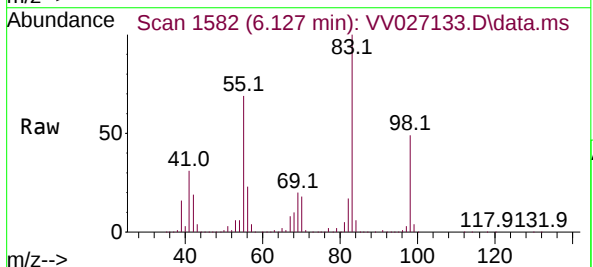
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

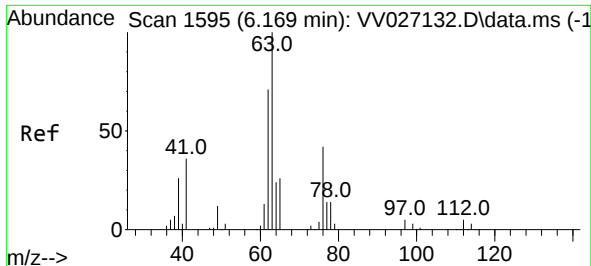
Tgt Ion: 95 Resp: 478936
Ion Ratio Lower Upper
95 100
97 64.6 47.0 87.2
132 99.1 71.5 132.7
130 102.1 72.4 134.4



#35
Methylcyclohexane
Concen: 109.061 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 83 Resp: 785139
Ion Ratio Lower Upper
83 100
55 68.6 56.2 84.4
98 48.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 100.890 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

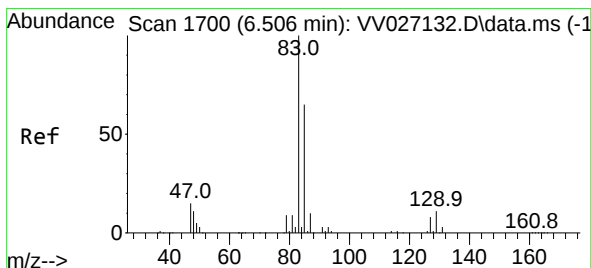
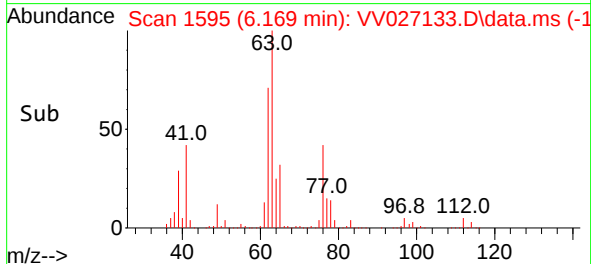
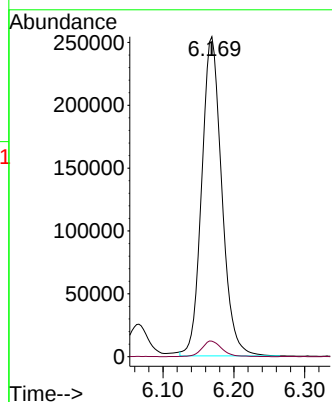
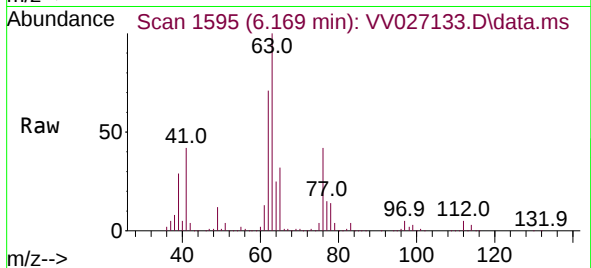
VSTD100249

Tgt Ion: 63 Resp: 499580

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 99.742 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

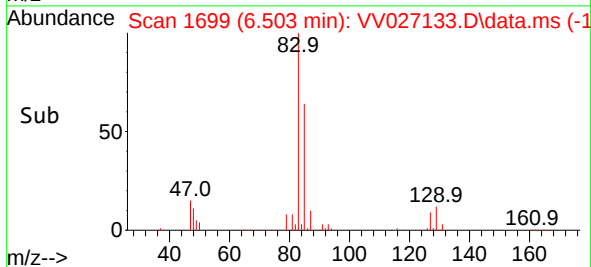
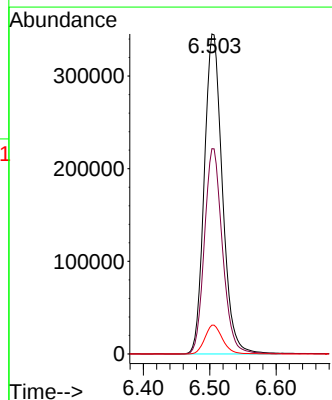
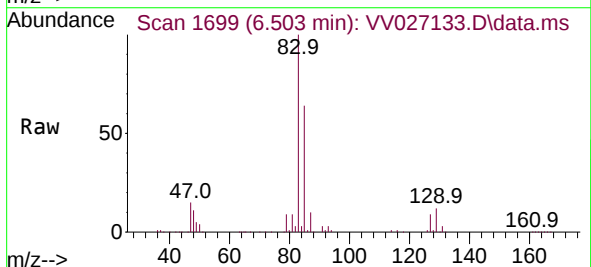
Tgt Ion: 83 Resp: 654207

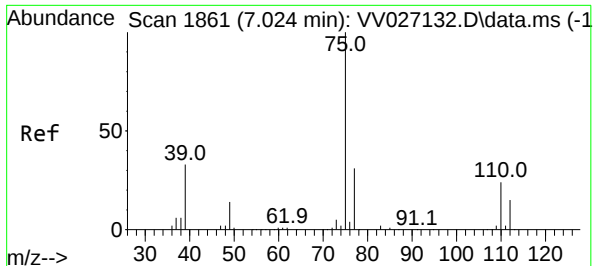
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 110.605 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

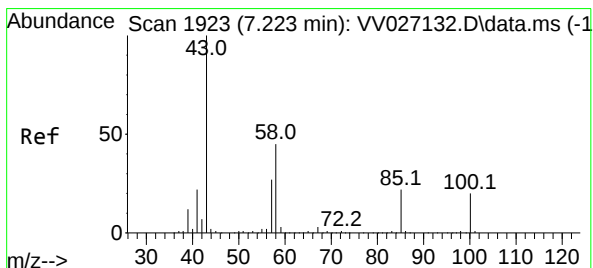
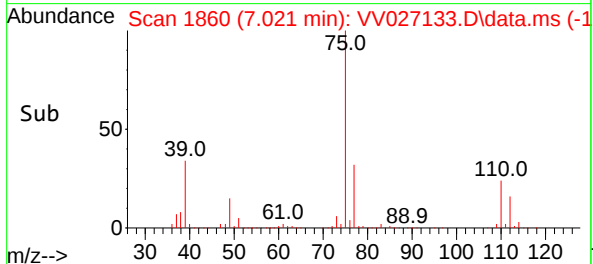
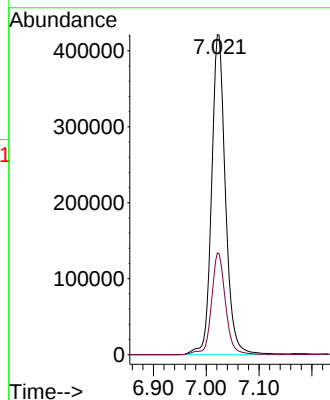
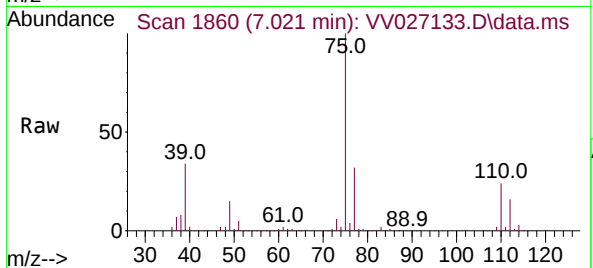
VSTD100249

Tgt Ion: 75 Resp: 768324

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 221.619 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

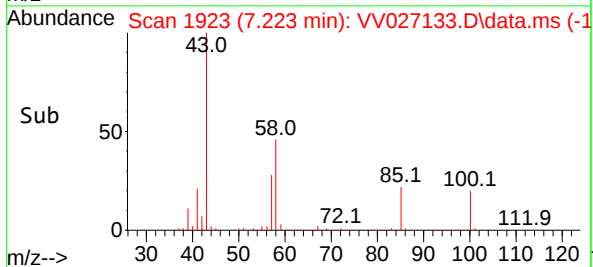
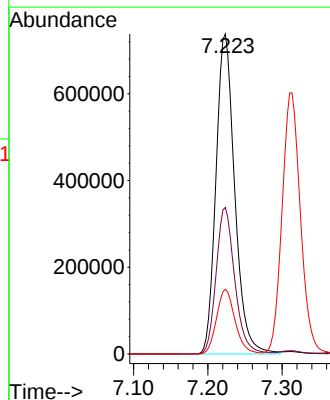
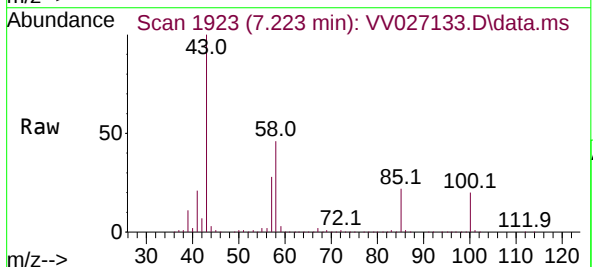
Tgt Ion: 43 Resp: 1296983

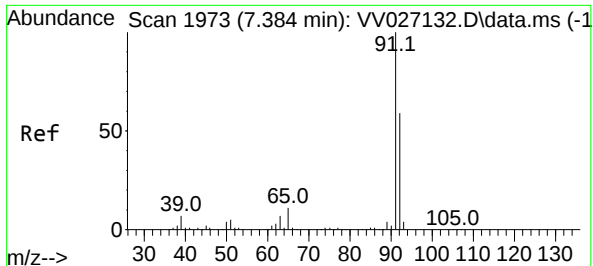
Ion Ratio Lower Upper

43 100

58 45.4 36.1 54.1

100 19.9 15.8 23.6

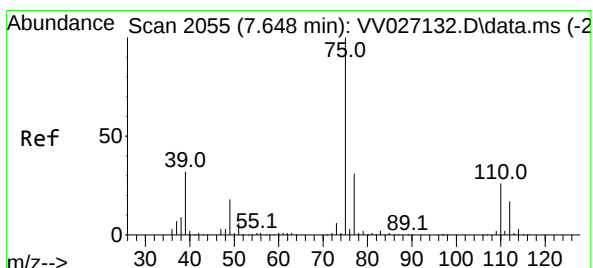
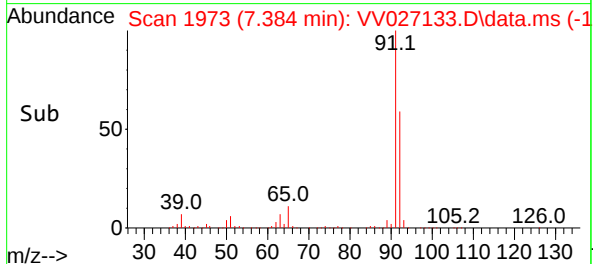
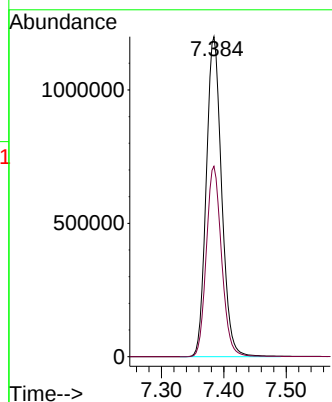
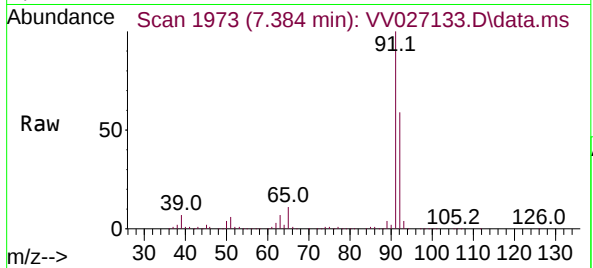




#42
Toluene
Concen: 105.596 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

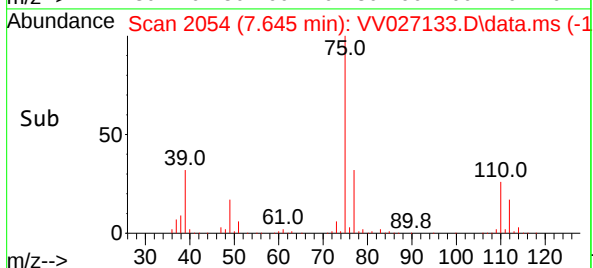
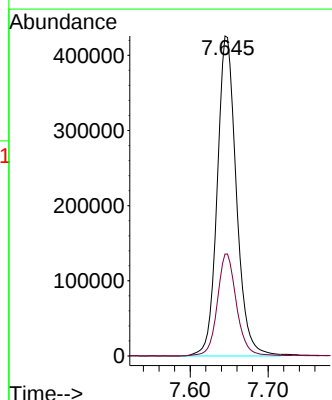
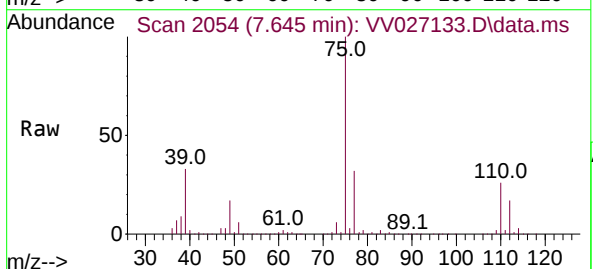
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

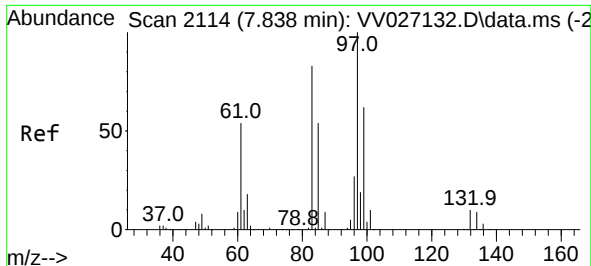
Tgt Ion: 91 Resp: 2054717
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 108.922 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 75 Resp: 726976
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 98.260 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD100249

Tgt Ion: 97 Resp: 511468

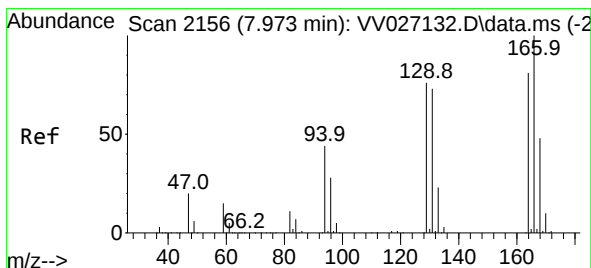
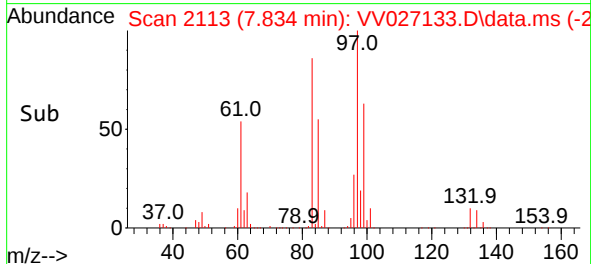
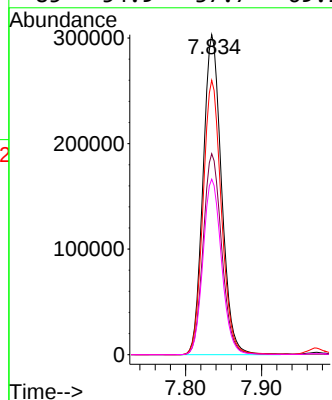
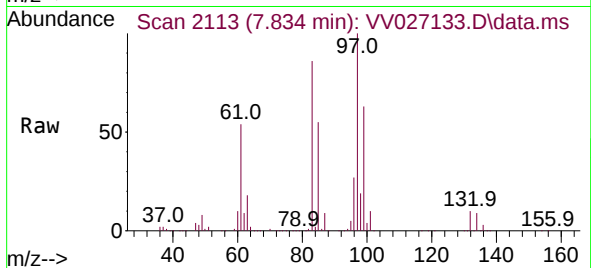
Ion Ratio Lower Upper

97 100

99 62.8 43.3 80.5

83 85.7 58.2 108.2

85 54.9 37.7 69.9



#46

Tetrachloroethene

Concen: 101.037 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Tgt Ion:164 Resp: 374176

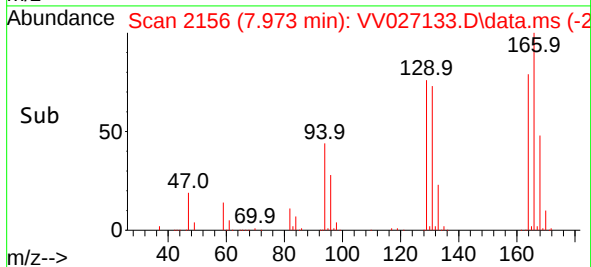
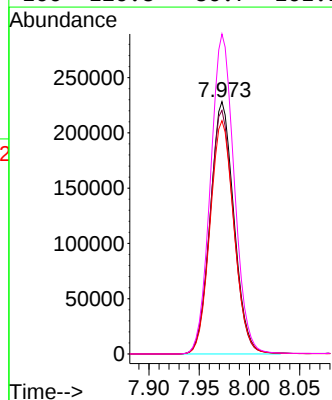
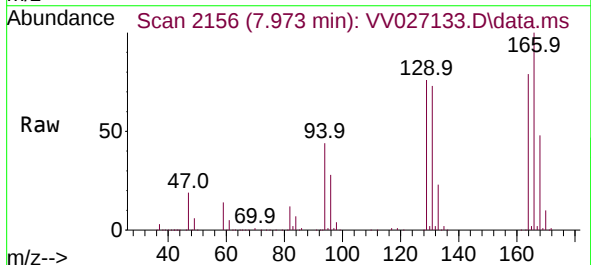
Ion Ratio Lower Upper

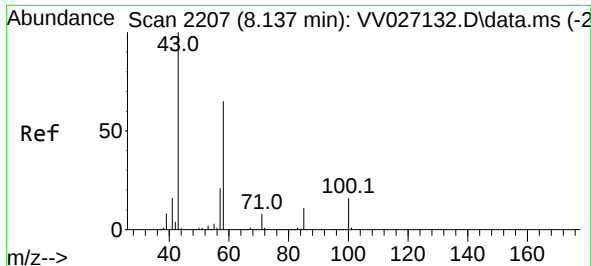
164 100

129 96.5 66.0 122.6

131 92.5 63.1 117.1

166 126.8 86.7 161.1

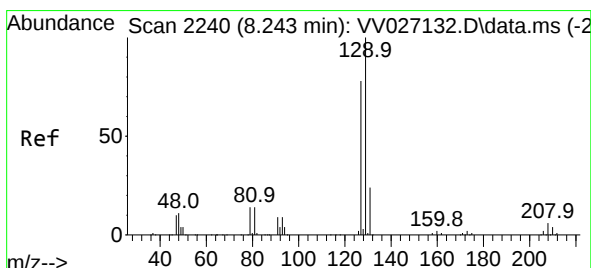
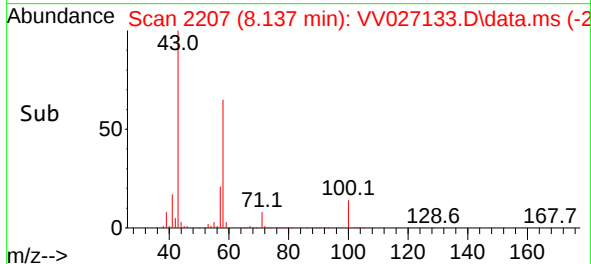
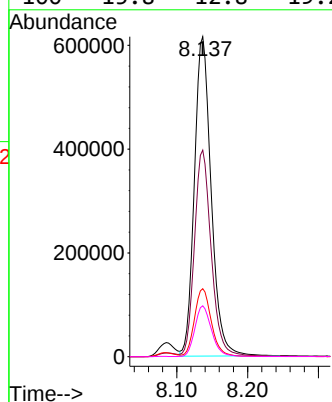
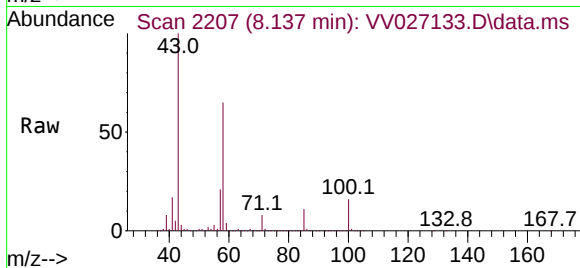




#48
2-Hexanone
Concen: 222.999 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

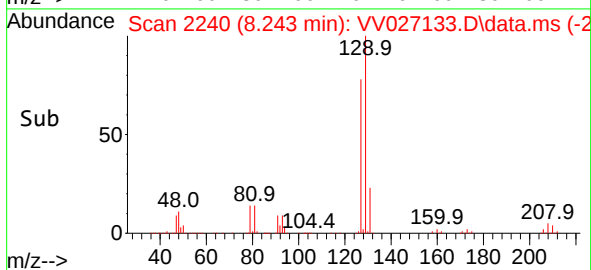
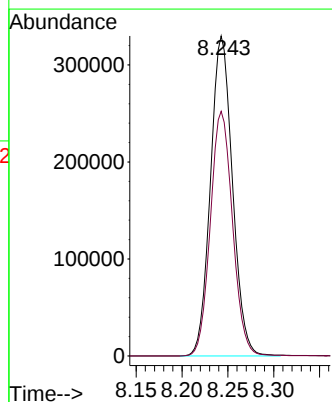
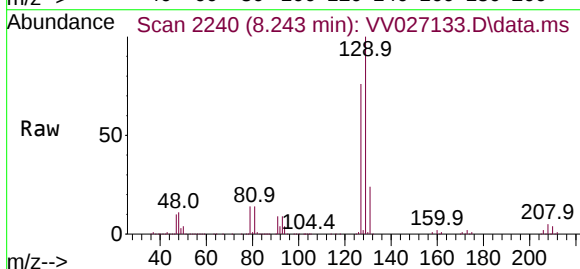
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

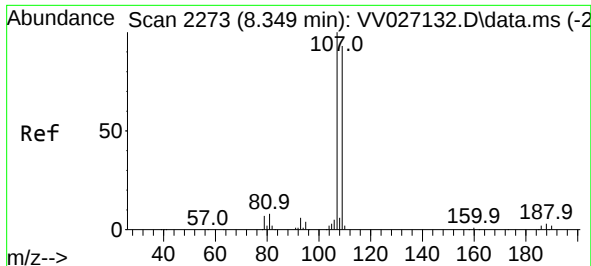
Tgt Ion: 43 Resp: 1014680
Ion Ratio Lower Upper
43 100
58 64.0 51.3 76.9
57 21.1 16.7 25.1
100 15.8 12.8 19.2



#49
Dibromochloromethane
Concen: 101.897 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion:129 Resp: 550595
Ion Ratio Lower Upper
129 100
127 76.4 54.5 101.3

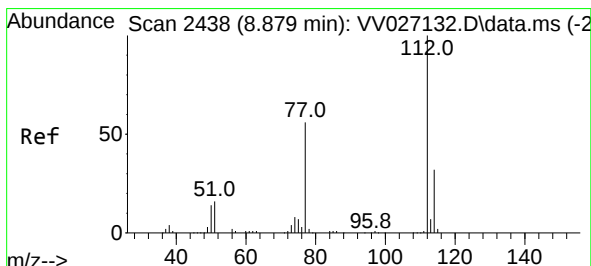
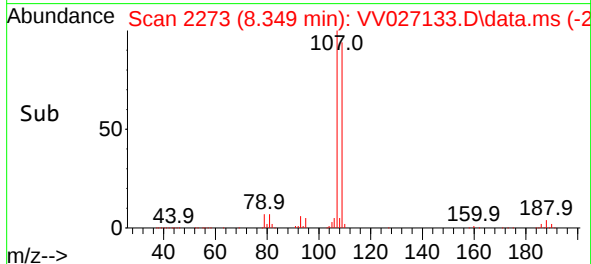
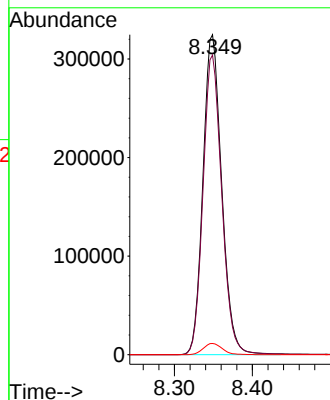
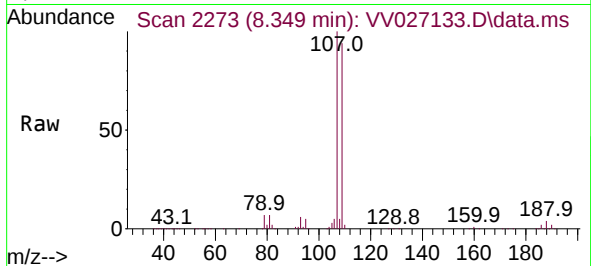




#50
1,2-Dibromoethane
Concen: 100.718 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

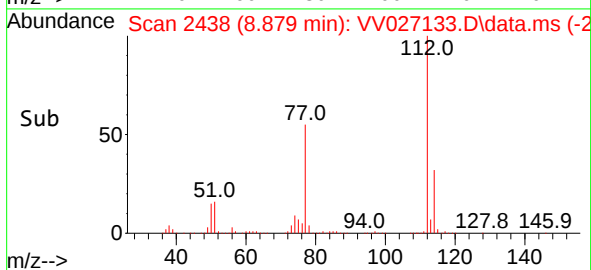
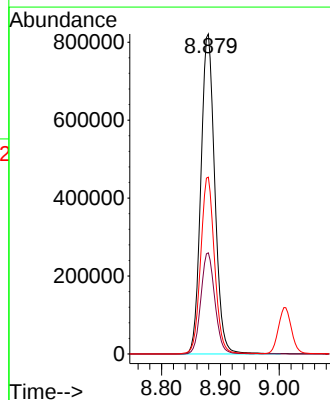
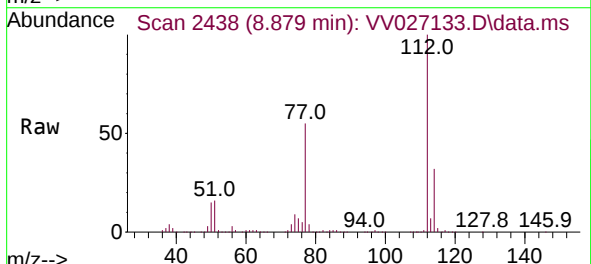
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

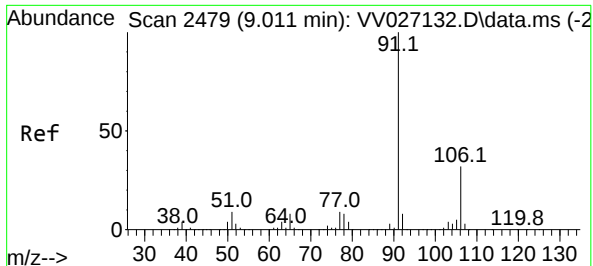
Tgt Ion:107 Resp: 542767
Ion Ratio Lower Upper
107 100
109 93.7 65.3 121.3
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 100.097 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion:112 Resp: 1347872
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.3
77 55.3 44.9 67.3

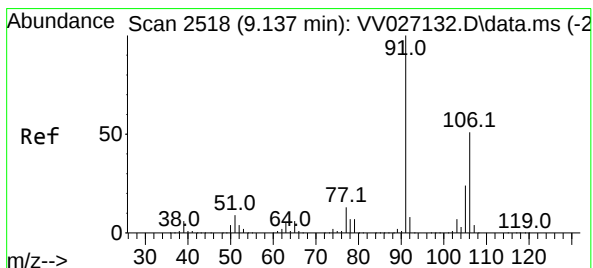
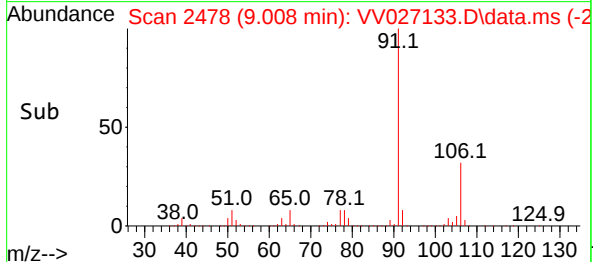
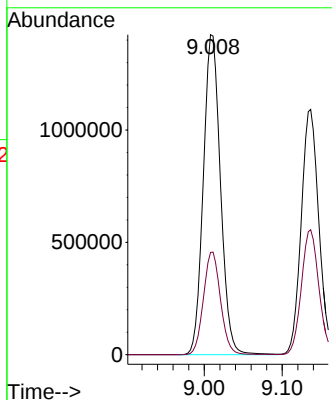
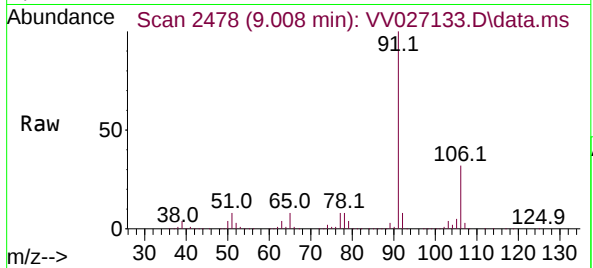




#52
Ethylbenzene
Concen: 109.641 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

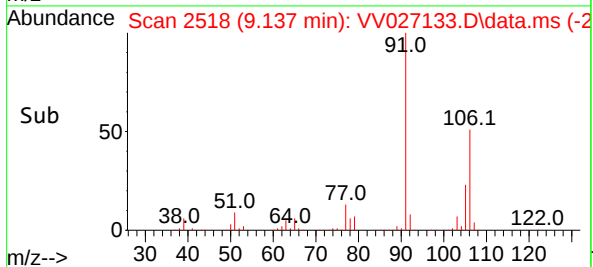
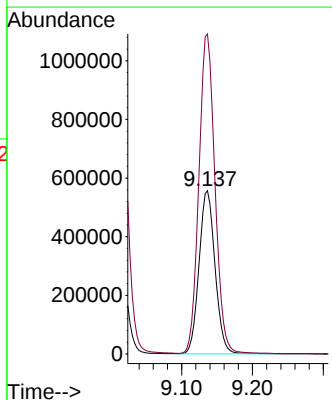
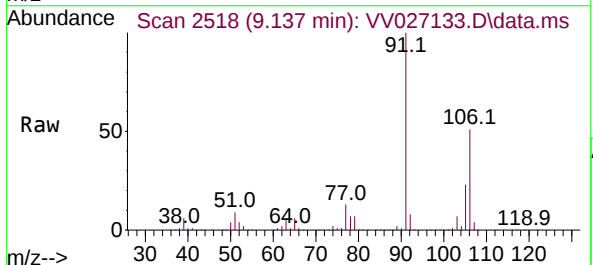
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

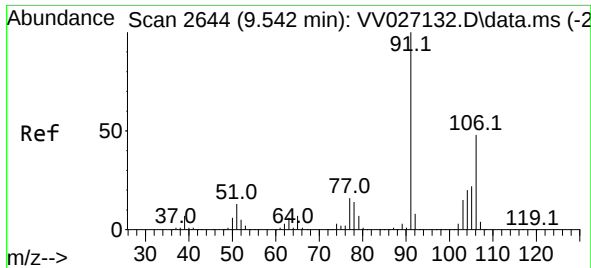
Tgt Ion: 91 Resp: 2186422
Ion Ratio Lower Upper
91 100
106 32.0 22.1 41.1



#53
m,p-Xylene
Concen: 111.391 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 106 Resp: 871367
Ion Ratio Lower Upper
106 100
91 196.1 138.5 257.3

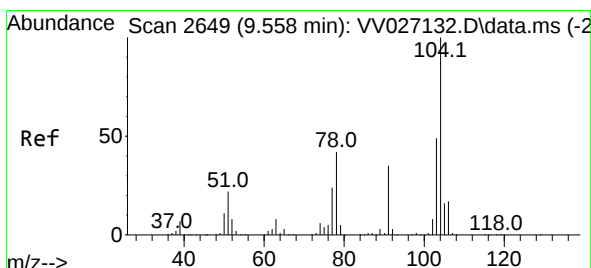
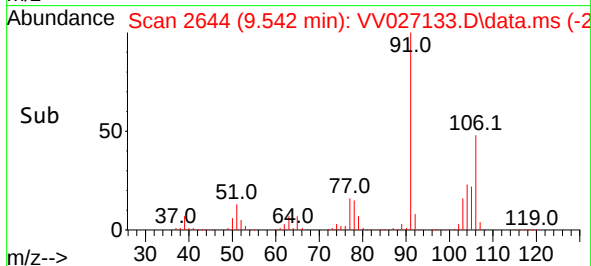
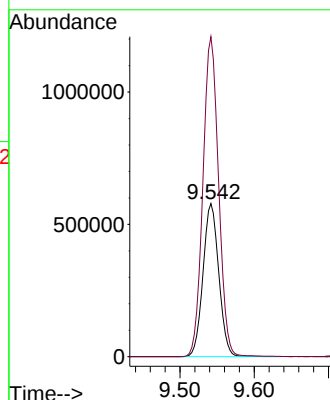
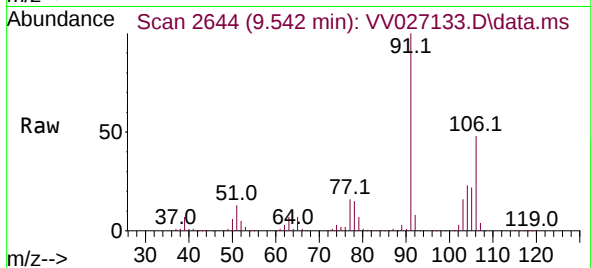




#54
o-Xylene
Concen: 111.251 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

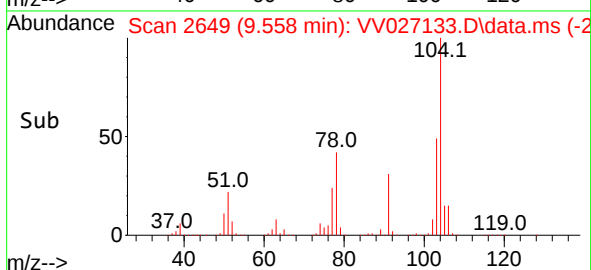
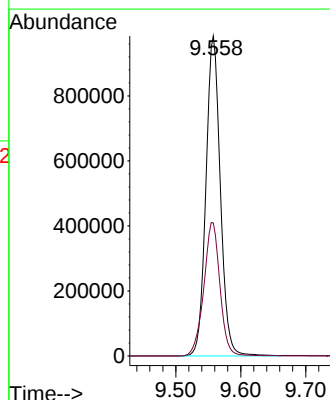
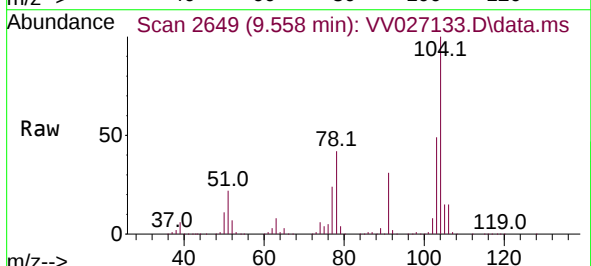
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

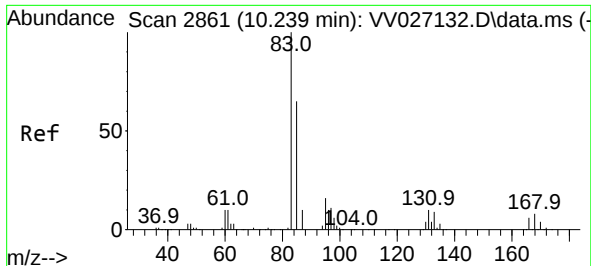
Tgt Ion:106 Resp: 851899
Ion Ratio Lower Upper
106 100
91 208.9 145.1 269.5



#55
Styrene
Concen: 114.526 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion:104 Resp: 1524194
Ion Ratio Lower Upper
104 100
78 41.6 29.2 54.2

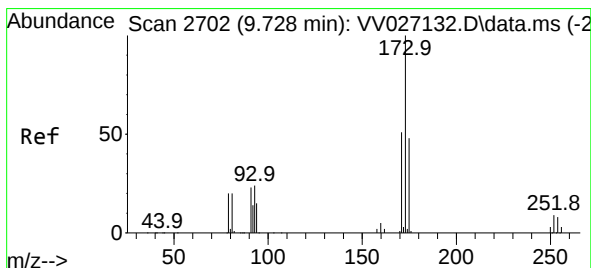
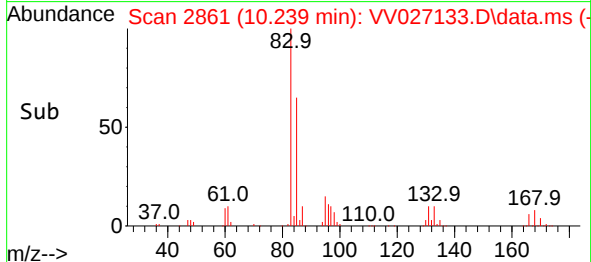
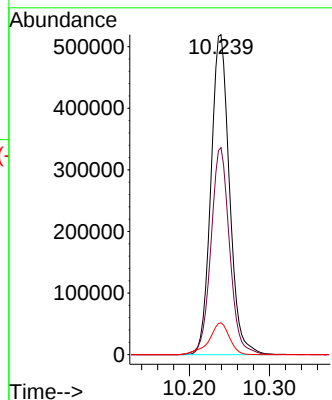
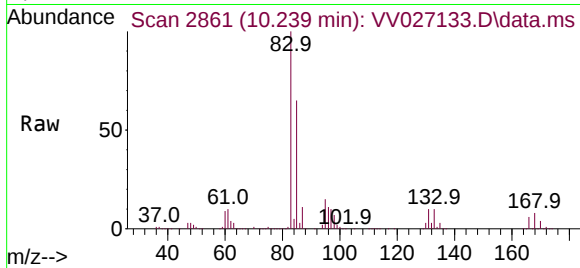




#57
1,1,2,2-Tetrachloroethane
Concen: 99.002 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

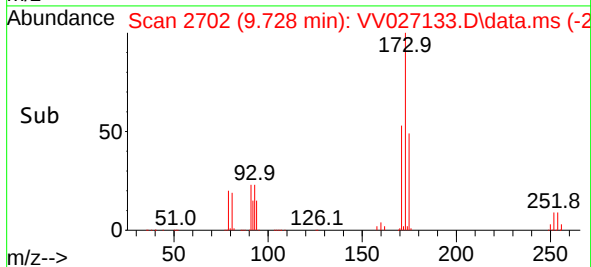
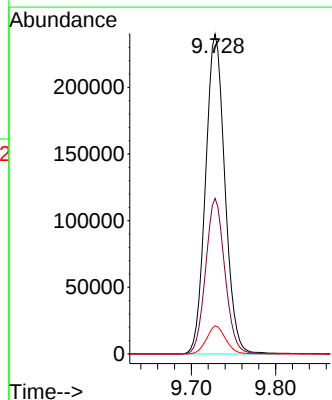
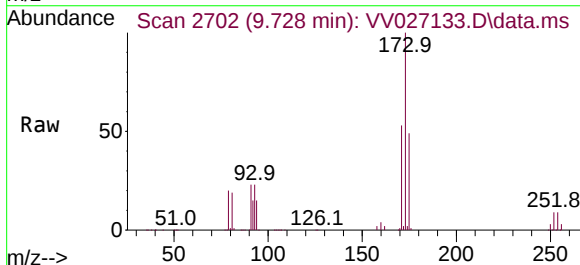
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

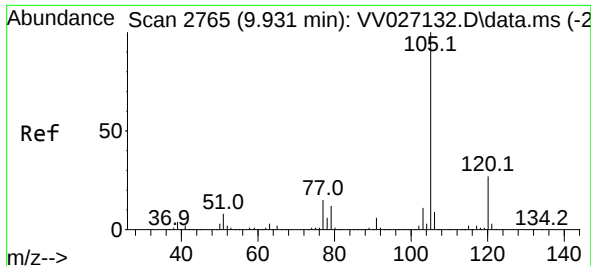
Tgt Ion: 83 Resp: 835632
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0
131 10.0 7.8 11.6



#59
Bromoform
Concen: 97.776 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 173 Resp: 383741
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.4
254 8.6 6.8 10.2

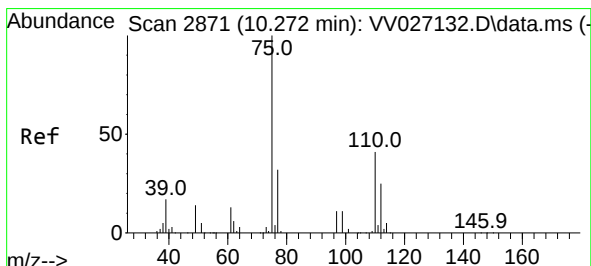
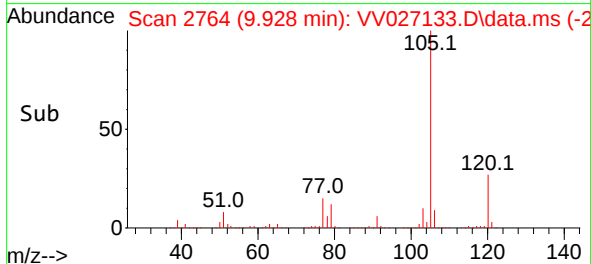
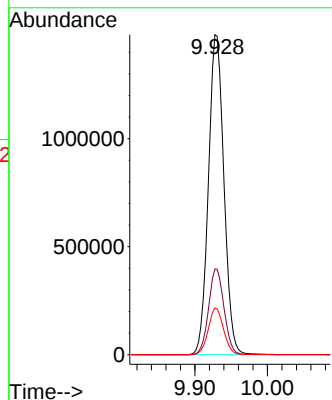
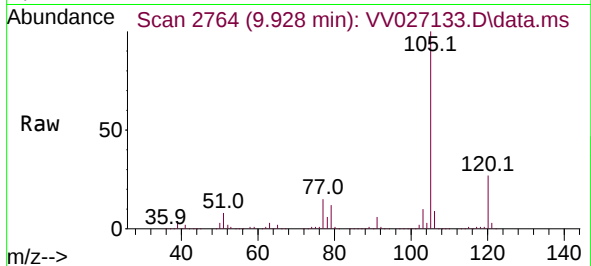




#60
Isopropylbenzene
Concen: 105.439 ug/L
RT: 9.928 min Scan# 2199329
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

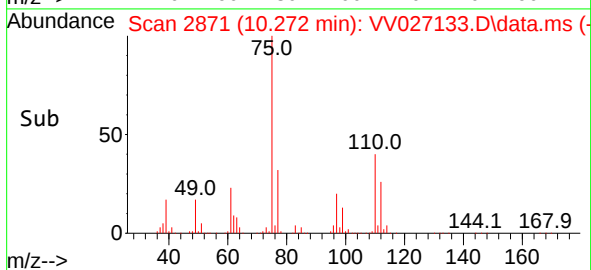
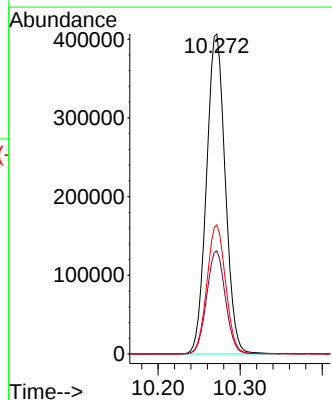
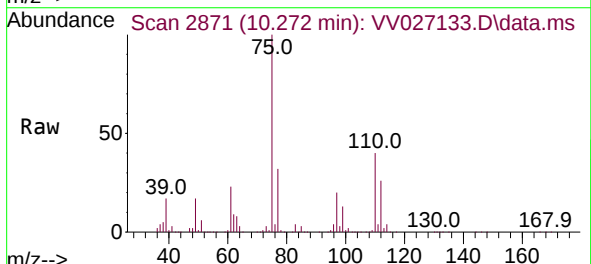
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

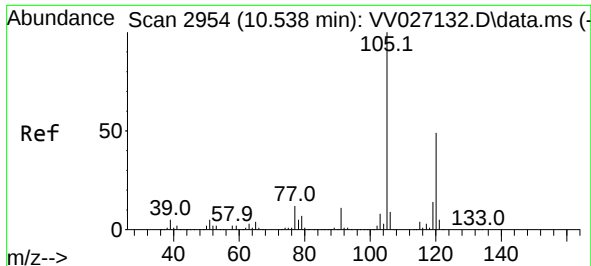
Tgt Ion:105 Resp: 2199329
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.4 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 91.824 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion: 75 Resp: 648077
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 40.2 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 109.079 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

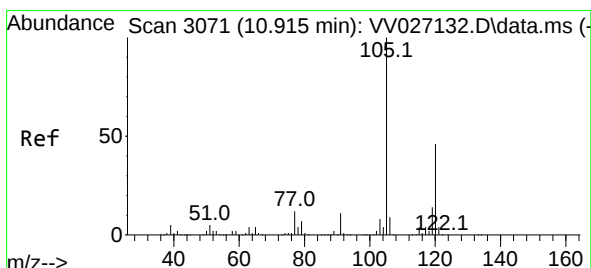
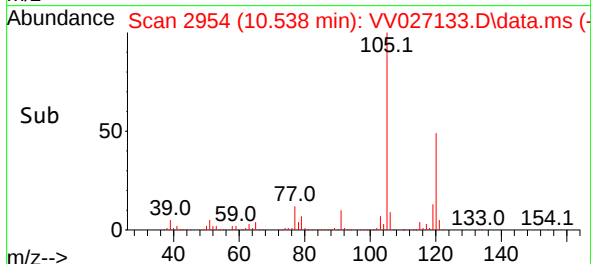
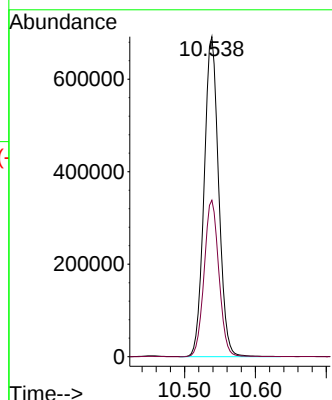
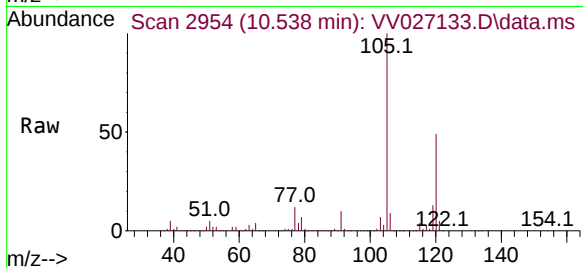
VSTD100249

Tgt Ion:105 Resp: 985508

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 109.950 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027133.D

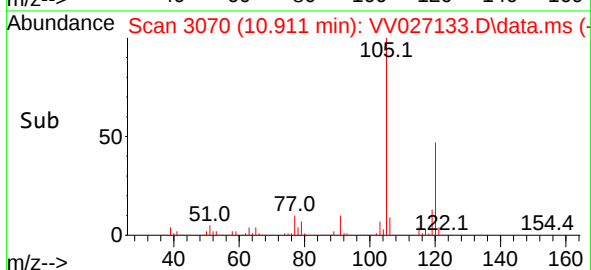
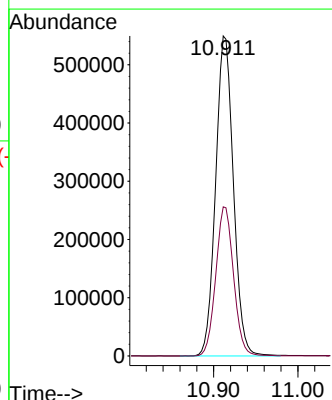
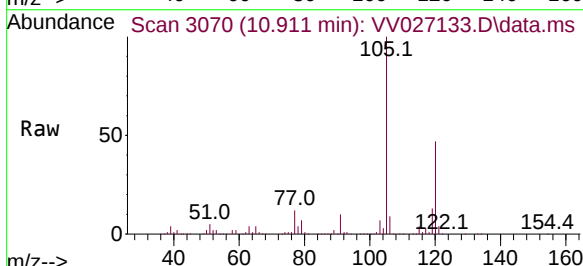
Acq: 01 Aug 2022 17:06

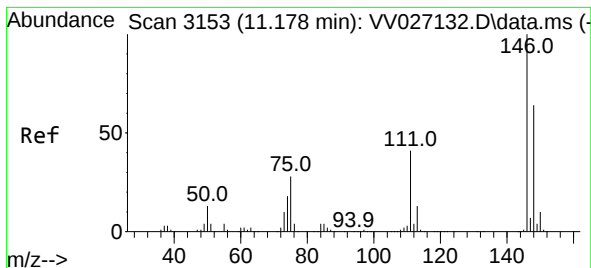
Tgt Ion:105 Resp: 802612

Ion Ratio Lower Upper

105 100

120 46.7 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 100.600 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD100249

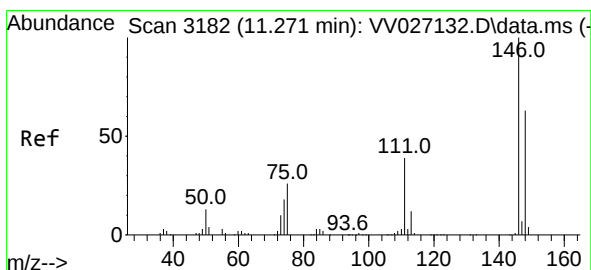
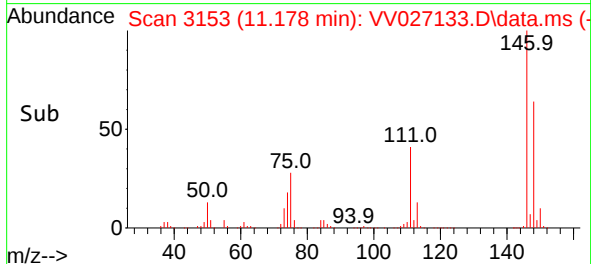
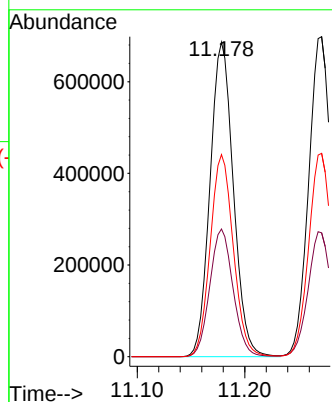
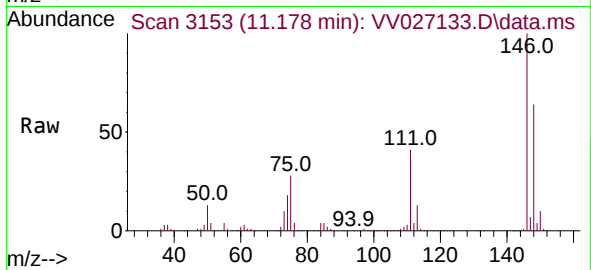
Tgt Ion:146 Resp: 1034177

Ion Ratio Lower Upper

146 100

111 40.6 28.6 53.2

148 64.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 97.495 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

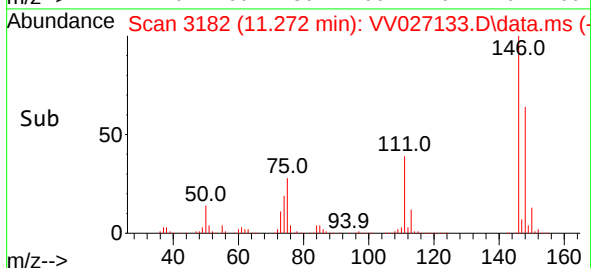
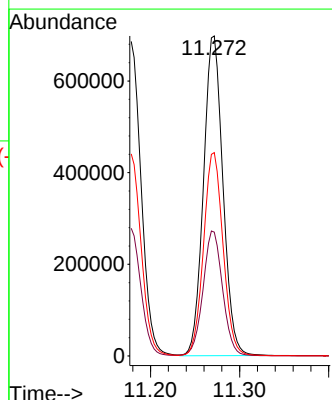
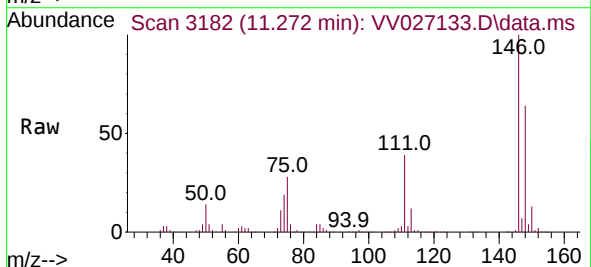
Tgt Ion:146 Resp: 1057313

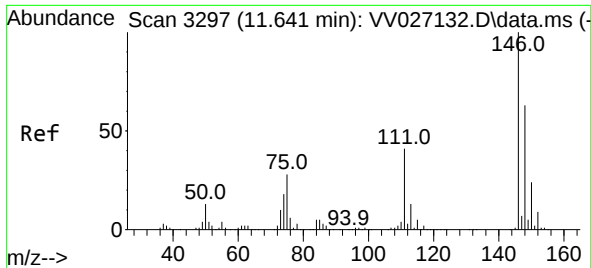
Ion Ratio Lower Upper

146 100

111 38.7 27.2 50.4

148 63.5 44.2 82.2

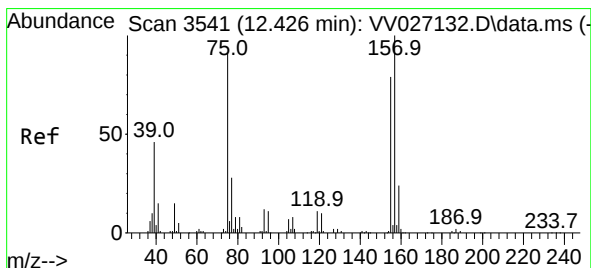
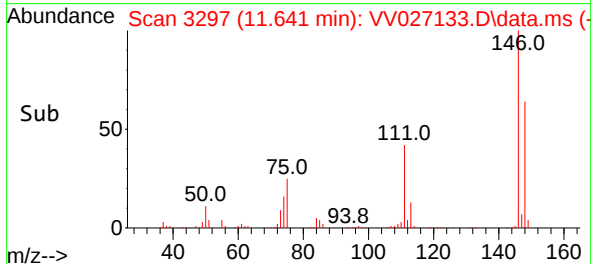
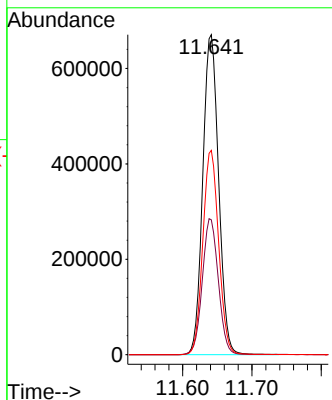
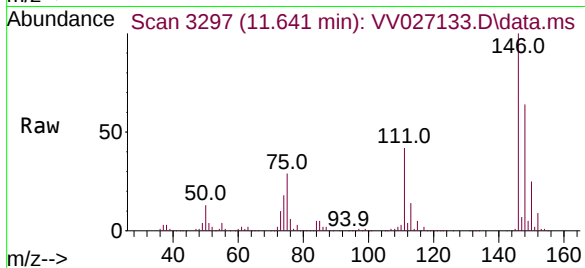




#67
 1,2-Dichlorobenzene
 Concen: 98.451 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

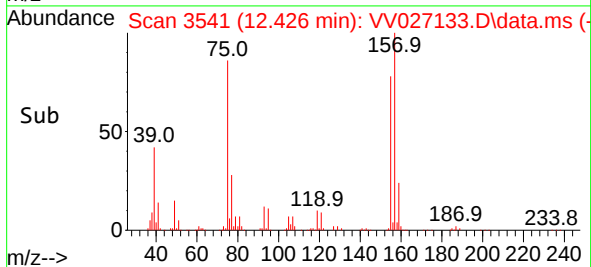
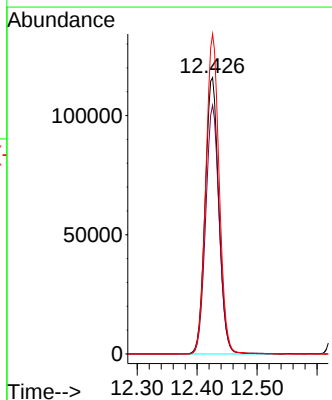
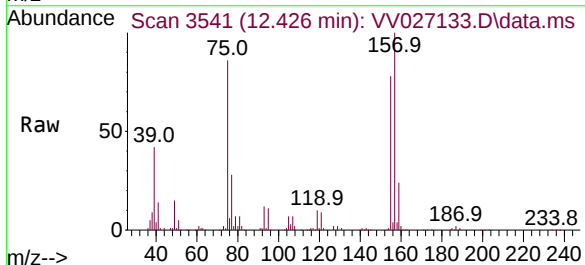
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100249

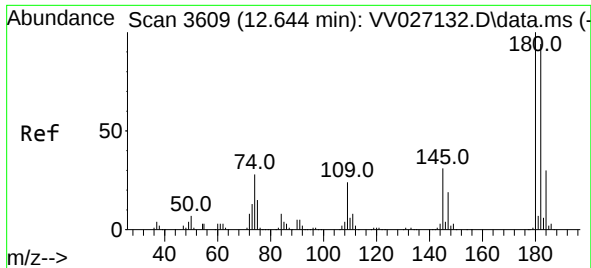
Tgt Ion:146 Resp: 1062807
 Ion Ratio Lower Upper
 146 100
 111 42.2 32.8 49.2
 148 63.9 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 97.593 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027133.D
 Acq: 01 Aug 2022 17:06

Tgt Ion: 75 Resp: 184281
 Ion Ratio Lower Upper
 75 100
 155 90.0 69.6 104.4
 157 115.8 88.1 132.1

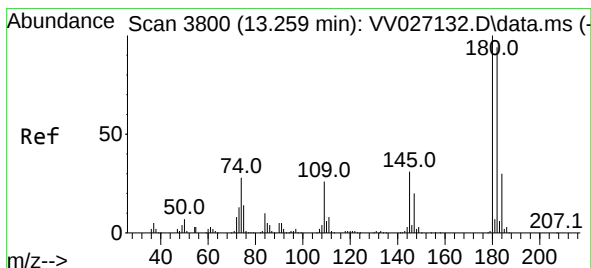
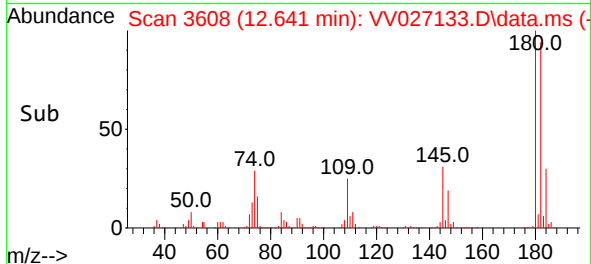
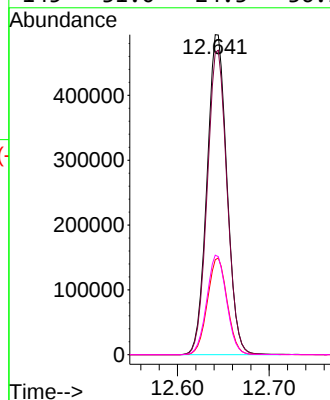
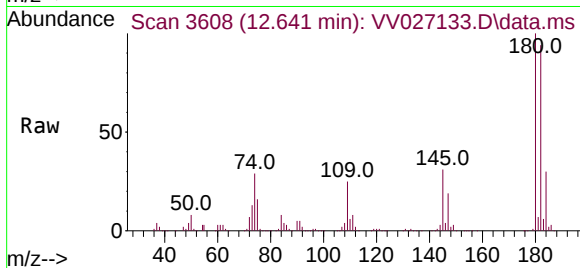




#69
1,3,5-Trichlorobenzene
Concen: 102.148 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

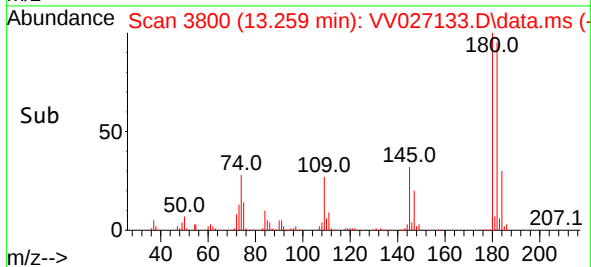
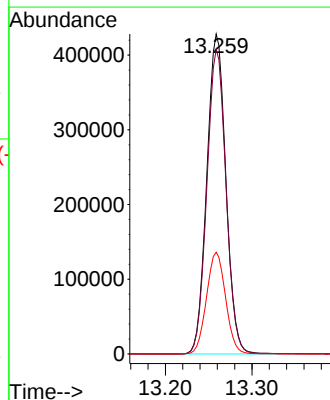
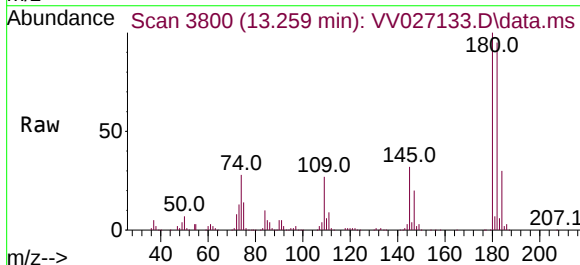
Instrument :
MSVOA_V
ClientSampleId :
VSTD100249

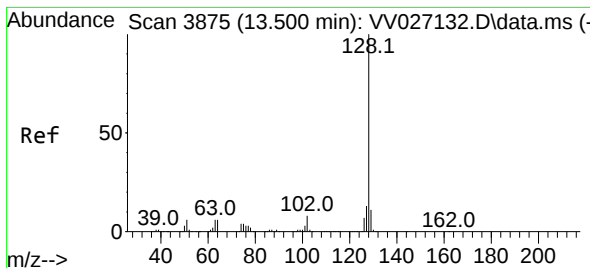
Tgt Ion:180 Resp: 745003
Ion Ratio Lower Upper
180 100
182 94.6 75.3 112.9
184 30.1 24.3 36.5
145 31.0 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 107.140 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027133.D
Acq: 01 Aug 2022 17:06

Tgt Ion:180 Resp: 656118
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 31.8 24.7 37.1





#71

Naphthalene

Concen: 118.521 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD100249

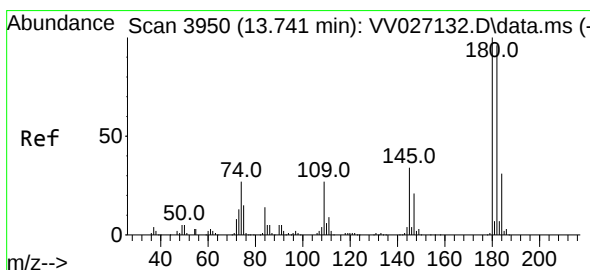
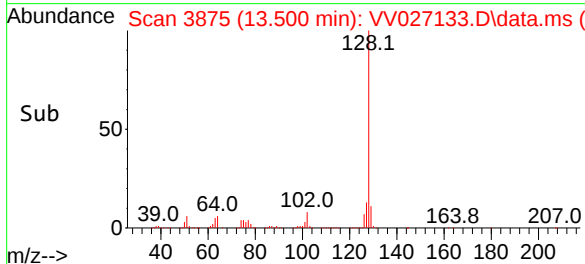
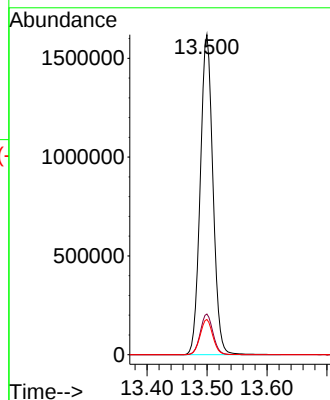
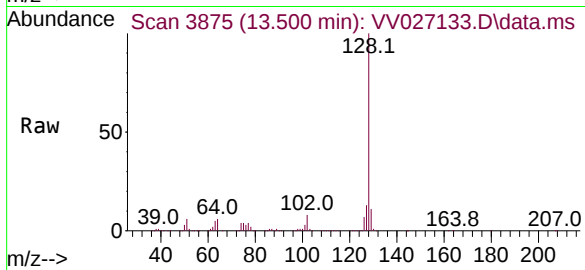
Tgt Ion:128 Resp: 2384199

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 107.756 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027133.D

Acq: 01 Aug 2022 17:06

Tgt Ion:180 Resp: 721622

Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 33.3 26.8 40.2

