

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027134.D
 Acq On : 01 Aug 2022 17:30
 Operator : SY/MD
 Sample : VSTD20050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200250

Quant Time: Aug 02 00:06:45 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	680724	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	660472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	369946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	843506	191.198	ug/L	0.00
7) Chloroethane-d5	1.558	69	470728	142.588	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1581589	188.265	ug/L	0.00
21) 2-Butanone-d5	3.870	46	1221440	441.260	ug/L	0.00
24) Chloroform-d	4.339	84	1693267	189.881	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	952271	188.214	ug/L	0.00
32) Benzene-d6	5.043	84	3468775	198.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1064387	196.875	ug/L	0.00
41) Toluene-d8	7.314	98	3224016	204.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	516201	217.549	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1021047	489.187	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1543087	190.938	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1261554	194.036	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	1199636	184.173	ug/L	99
3) Chloromethane	1.237	50	1152674	186.623	ug/L	99
5) Vinyl chloride	1.307	62	1217777	189.414	ug/L	100
6) Bromomethane	1.516	94	599990	179.956	ug/L	98
8) Chloroethane	1.574	64	485520	140.948	ug/L	99
9) Trichlorofluoromethane	1.745	101	1553492	183.398	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	880180	181.182	ug/L	99
12) 1,1-Dichloroethene	2.111	96	874499	185.261	ug/L	99
13) Acetone	2.166	43	863871	352.221	ug/L	99
14) Carbon disulfide	2.285	76	2725829	193.900	ug/L	99
15) Methyl Acetate	2.423	43	1036822	194.312	ug/L	99
16) Methylene chloride	2.500	84	1077590	180.101	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	983126	195.671	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	3001075	207.925	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1755274	190.780	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1125003	210.936	ug/L	99
22) 2-Butanone	3.954	43	1438392	446.634	ug/L	99
23) Bromochloromethane	4.240	128	580938	191.715	ug/L	99
25) Chloroform	4.368	83	1816791	187.548	ug/L	100
27) 1,2-Dichloroethane	5.124	62	1279478	190.767	ug/L	100
29) Cyclohexane	4.671	56	1477309	220.927	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1582180	191.038	ug/L	99
31) Carbon tetrachloride	4.822	117	1385456	194.542	ug/L	99
33) Benzene	5.092	78	4027512	198.821	ug/L	100
34) Trichloroethene	5.908	95	1024197	196.603	ug/L	98
35) Methylcyclohexane	6.127	83	1672749	216.353	ug/L	98
37) 1,2-Dichloropropane	6.169	63	1037760	195.141	ug/L	100
38) Bromodichloromethane	6.503	83	1369953	194.480	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1698495	227.668	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	2711515	431.413	ug/L	98
42) Toluene	7.384	91	4270878	204.373	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	1585369	221.175	ug/L	98

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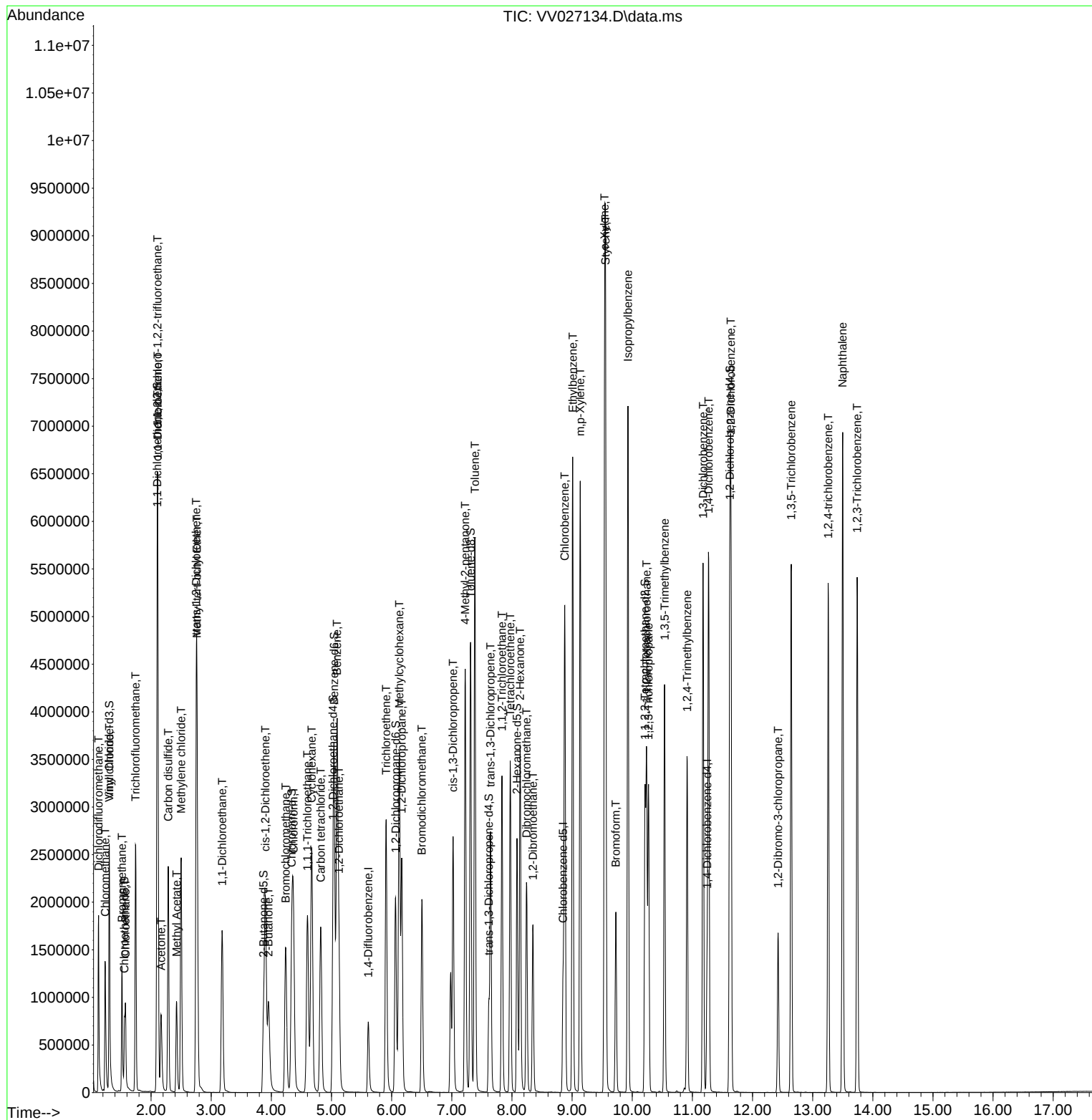
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	1061821	189.940	ug/L	99
46) Tetrachloroethene	7.973	164	791696	199.055	ug/L	97
48) 2-Hexanone	8.137	43	2099252	429.582	ug/L	99
49) Dibromochloromethane	8.243	129	1174666	202.419	ug/L	100
50) 1,2-Dibromoethane	8.349	107	1135968	196.276	ug/L	99
51) Chlorobenzene	8.879	112	2836894	196.166	ug/L	99
52) Ethylbenzene	9.011	91	4650183	217.129	ug/L	99
53) m,p-Xylene	9.137	106	1858665	221.238	ug/L	99
54) o-Xylene	9.542	106	1837820	223.474	ug/L	100
55) Styrene	9.558	104	3191362	223.278	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	1728969	190.732	ug/L	100
59) Bromoform	9.728	173	845103	197.868	ug/L	99
60) Isopropylbenzene	9.931	105	4686655	206.464	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	1337219	174.102	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	2249859	228.827	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1872258	235.682	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	2250317	201.149	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	2265492	191.961	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	2278621	193.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	410261	199.651	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	1670276	210.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1559789	234.050	ug/L	99
71) Naphthalene	13.500	128	5322764	243.143	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	1582990	217.210	ug/L	100

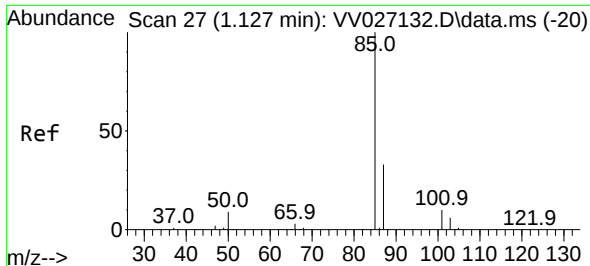
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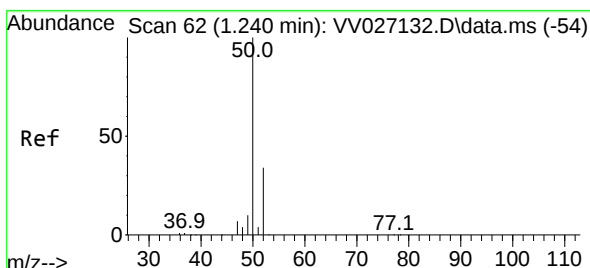
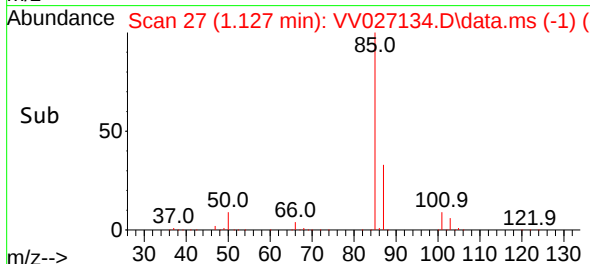
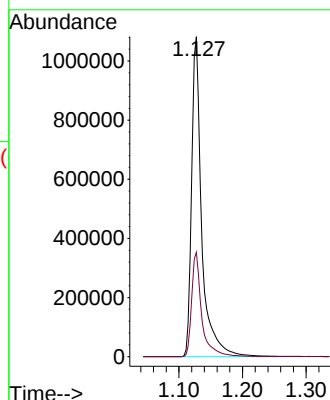
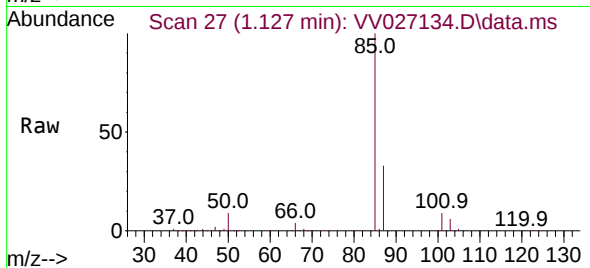




#2
 Dichlorodifluoromethane
 Concen: 184.173 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

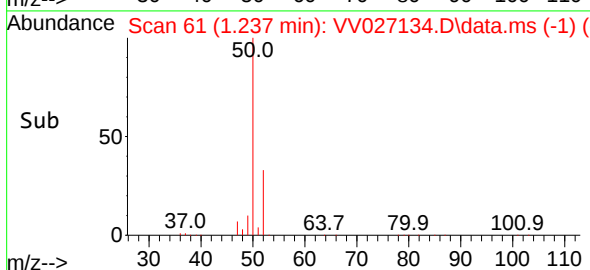
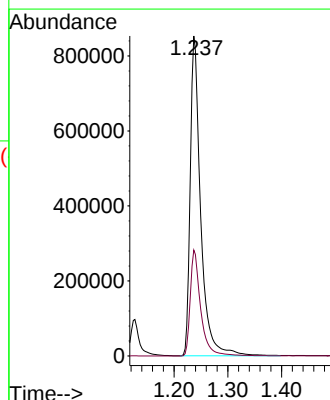
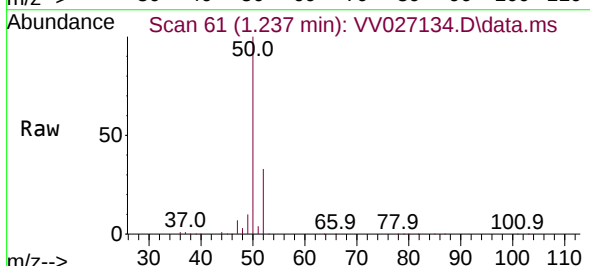
Instrument :
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 ClientSampleId :
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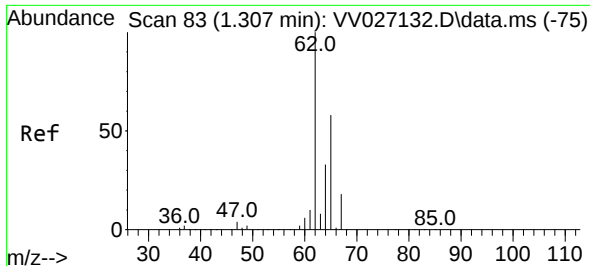
Tgt Ion: 85 Resp: 1199636
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 186.623 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

Tgt Ion: 50 Resp: 1152674
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

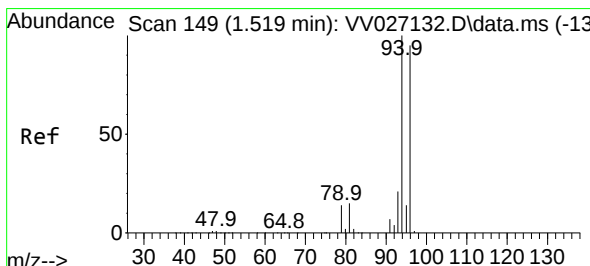
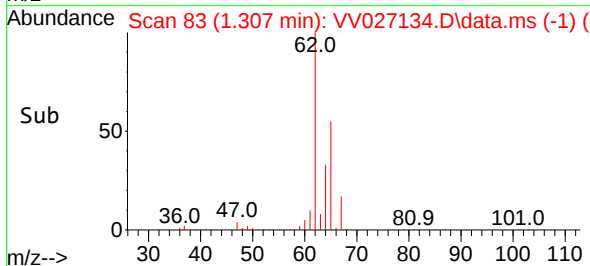
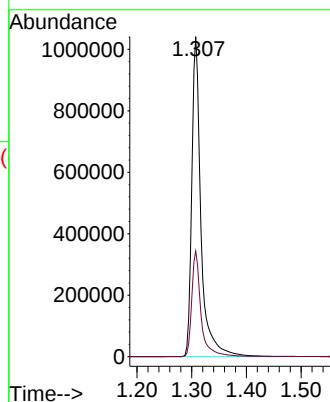
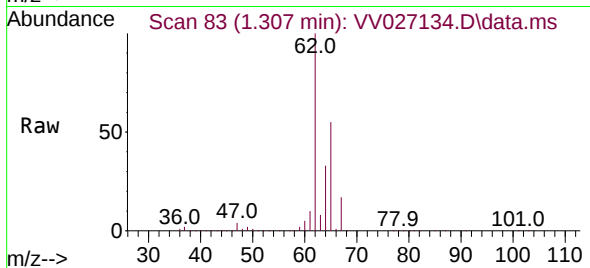




#5
 Vinyl chloride
 Concen: 189.414 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

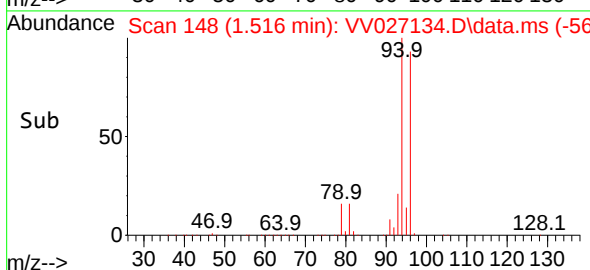
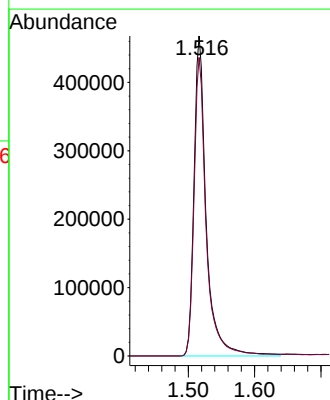
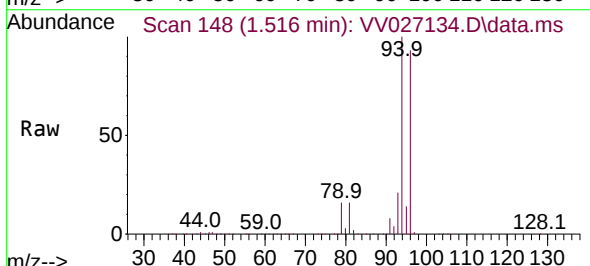
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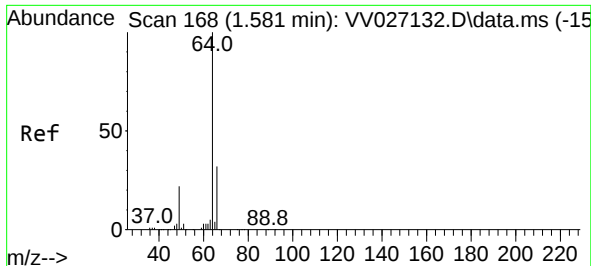
Tgt Ion: 62 Resp: 1217777
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 179.956 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

Tgt Ion: 94 Resp: 599990
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.6 123.6

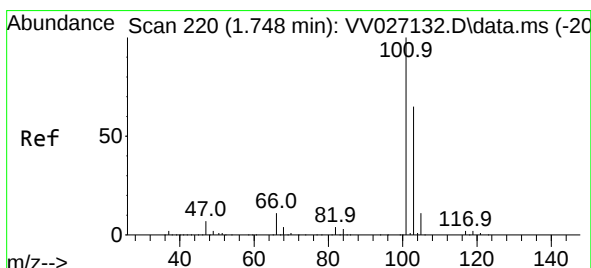
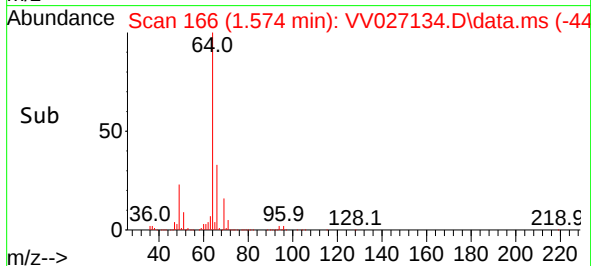
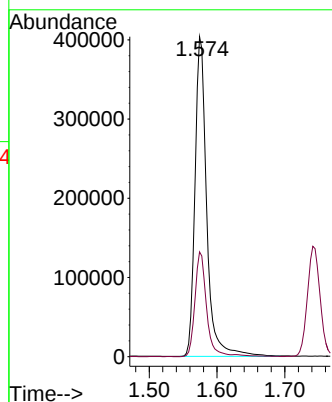
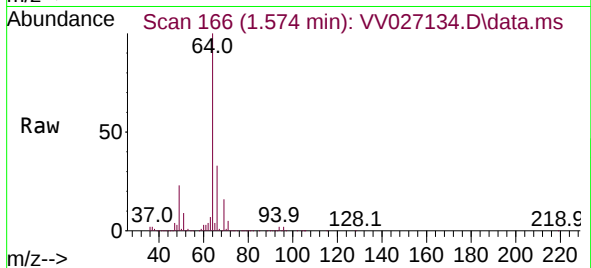




#8
Chloroethane
Concen: 140.948 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

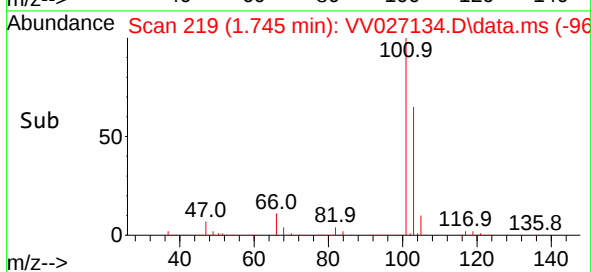
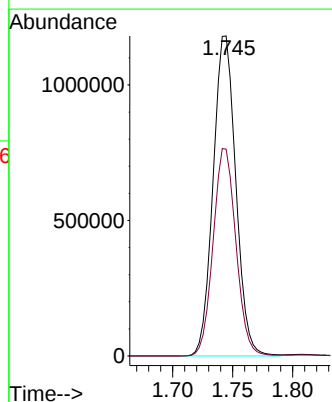
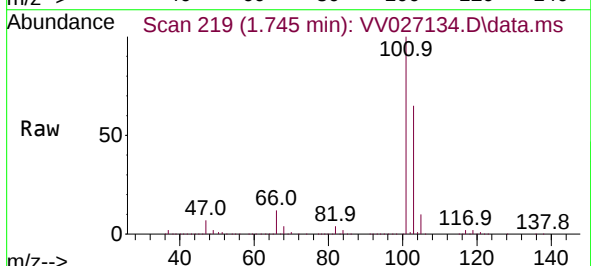
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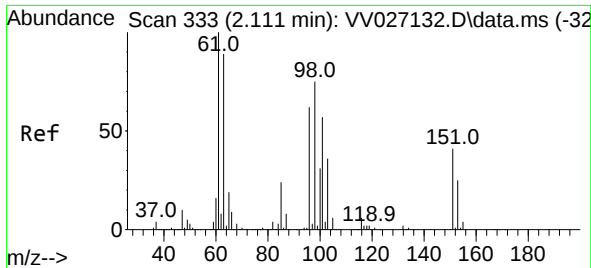
Tgt Ion: 64 Resp: 485520
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 183.398 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion:101 Resp: 1553492
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

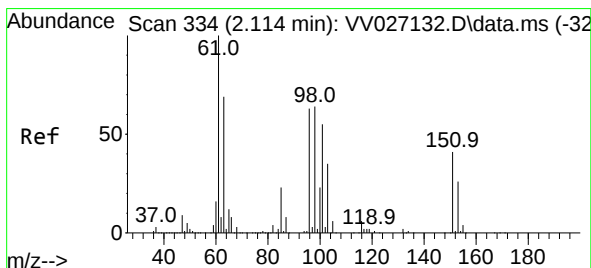
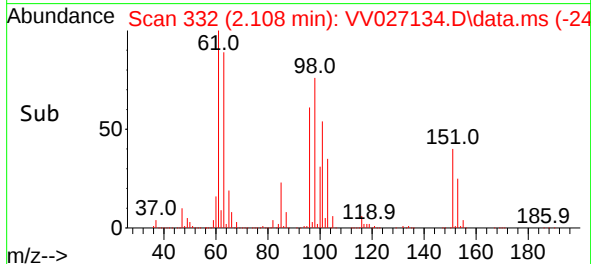
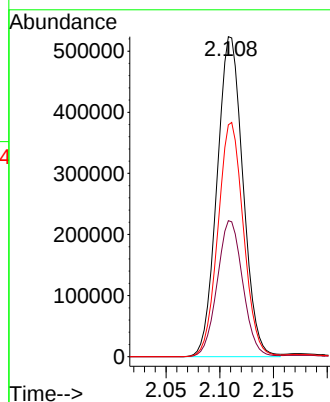
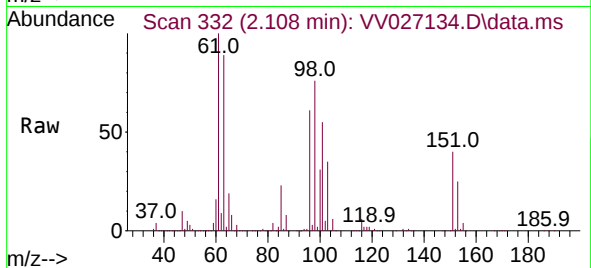




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 181.182 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV027134.D
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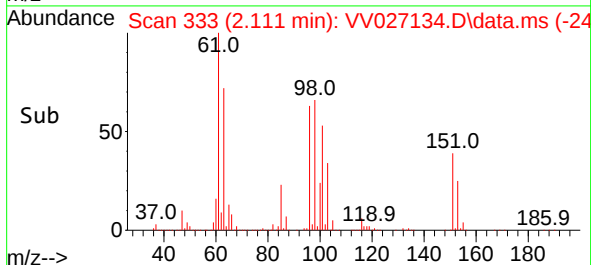
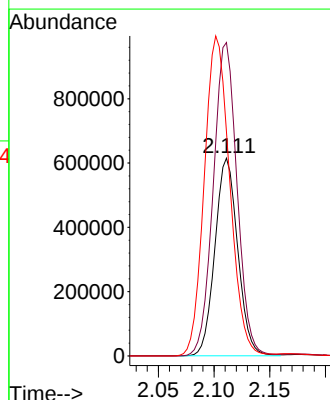
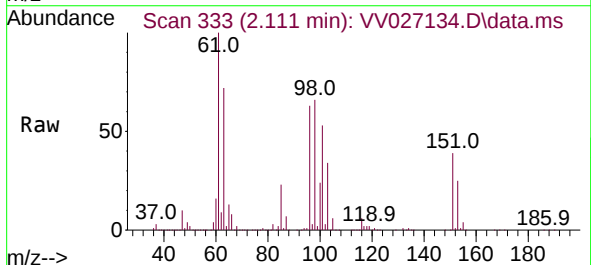
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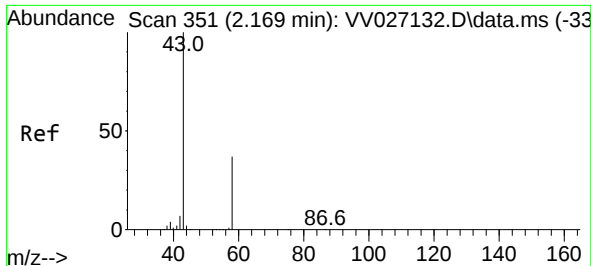
Tgt Ion:101 Resp: 880180
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.9 50.9
 151 71.9 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 185.261 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027134.D
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Tgt Ion: 96 Resp: 874499
 Ion Ratio Lower Upper
 96 100
 61 158.5 110.7 205.5
 63 113.6 78.4 145.6





#13

Acetone

Concen: 352.221 ug/L

RT: 2.166 min Scan# 351

Delta R.T. -0.003 min

Lab File: VV027134.D

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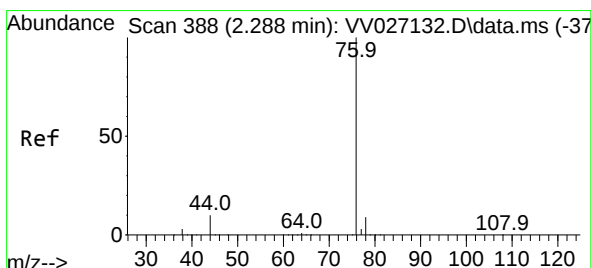
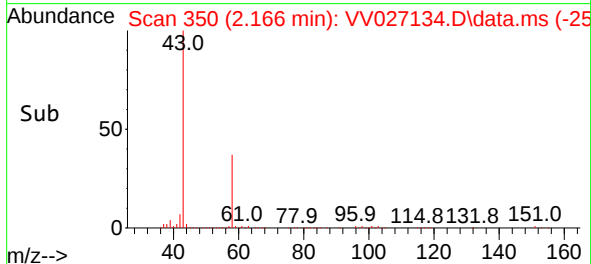
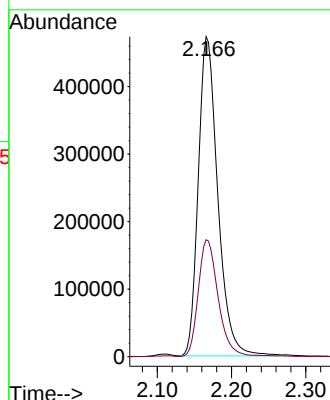
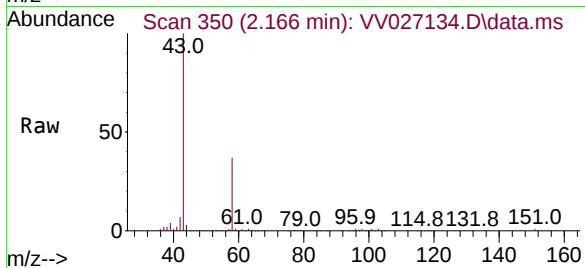
VSTD200250

Tgt Ion: 43 Resp: 863871

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.6



#14

Carbon disulfide

Concen: 193.900 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027134.D

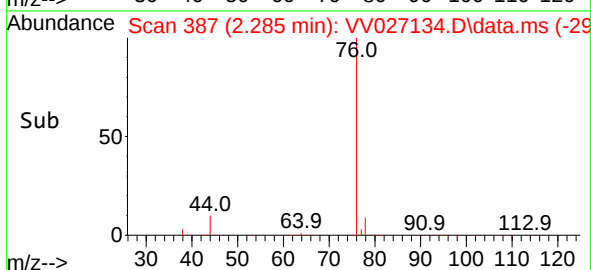
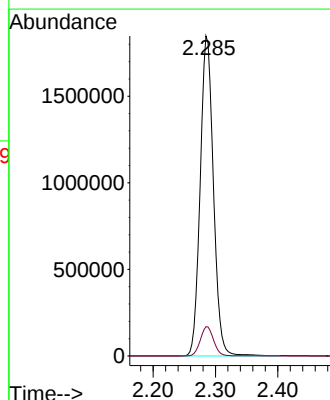
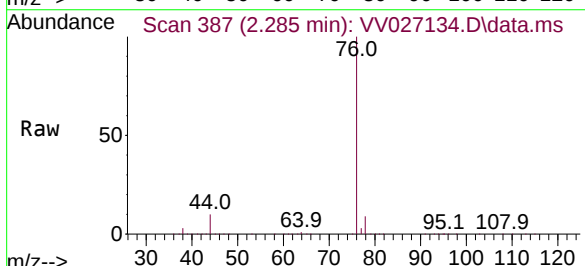
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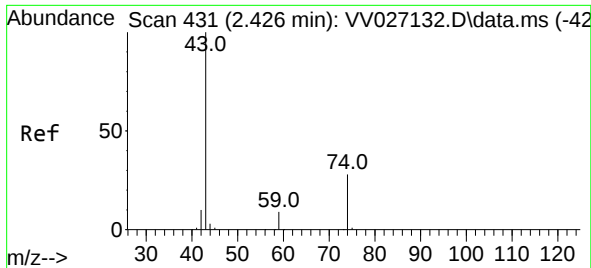
Tgt Ion: 76 Resp: 2725829

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

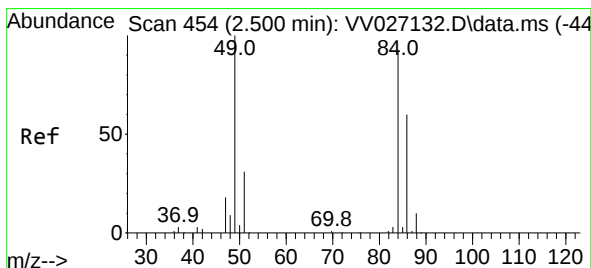
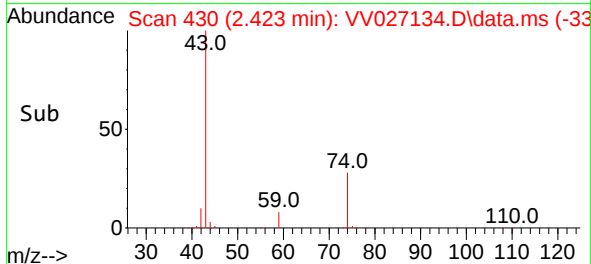
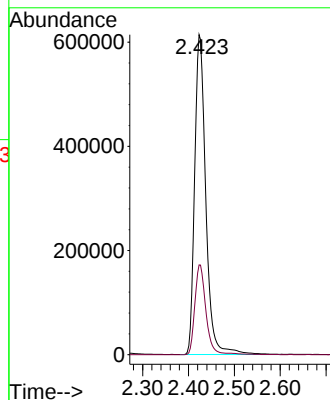
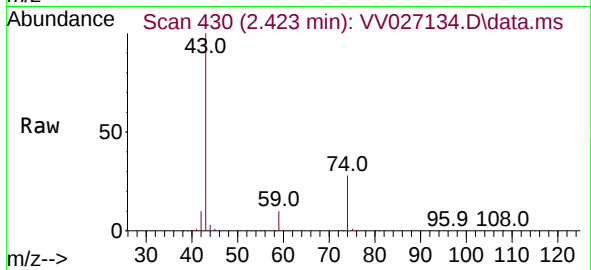




#15
Methyl Acetate
Concen: 194.312 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

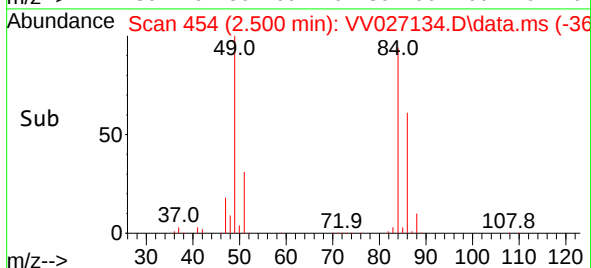
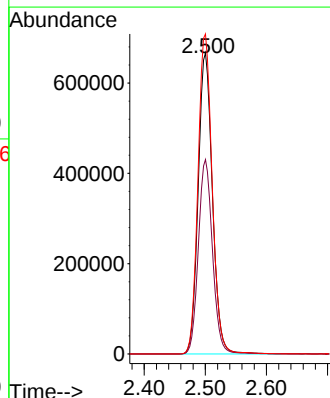
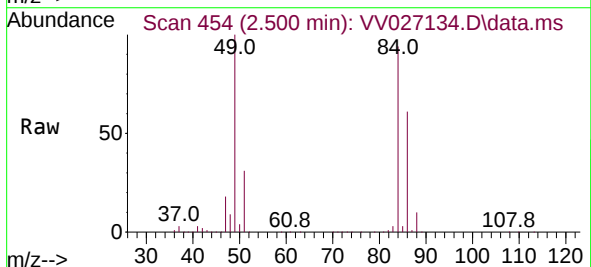
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

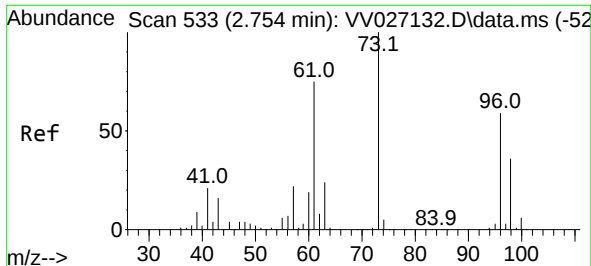
Tgt Ion: 43 Resp: 1036822
Ion Ratio Lower Upper
43 100
74 27.4 22.4 33.6



#16
Methylene chloride
Concen: 180.101 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 84 Resp: 1077590
Ion Ratio Lower Upper
84 100
86 64.6 45.3 84.1
49 106.3 76.0 141.2

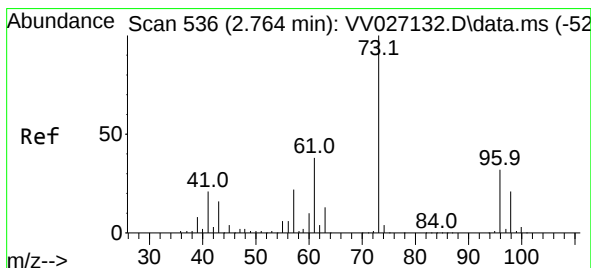
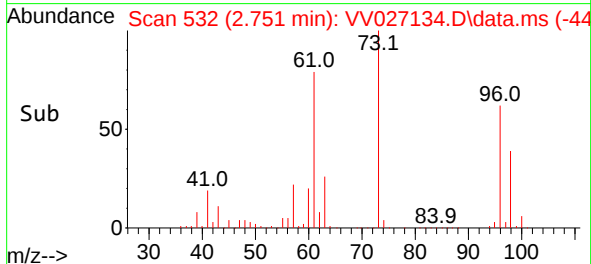
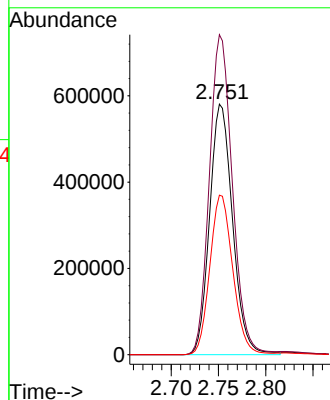
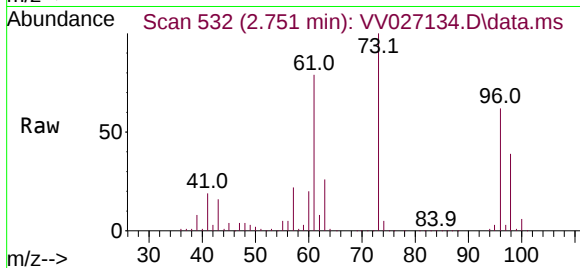




#17
trans-1,2-Dichloroethene
Concen: 195.671 ug/L
RT: 2.751 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

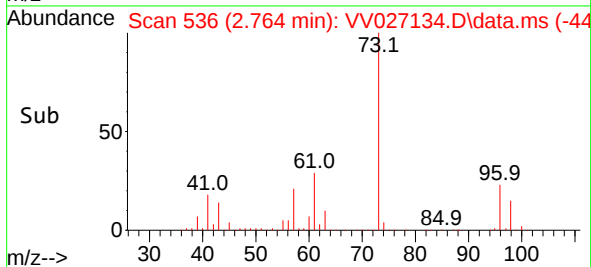
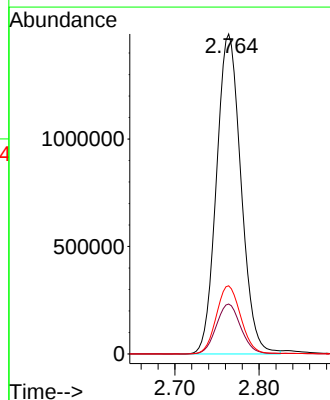
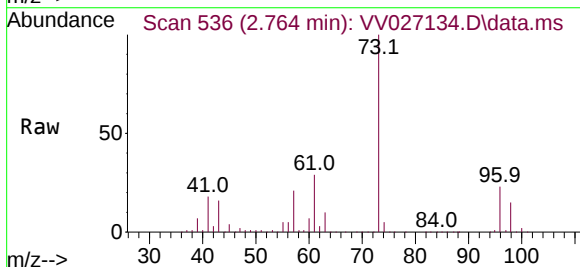
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

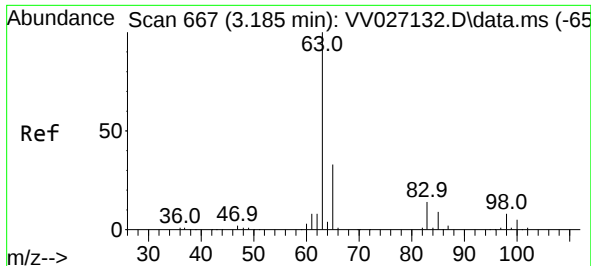
Tgt Ion: 96 Resp: 983126
Ion Ratio Lower Upper
96 100
61 127.7 89.2 165.6
98 63.7 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 207.925 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 73 Resp: 3001075
Ion Ratio Lower Upper
73 100
43 15.6 12.6 18.8
57 21.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 190.780 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

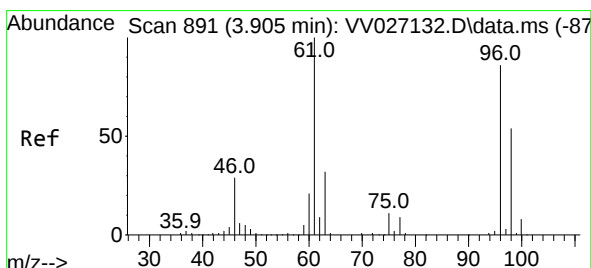
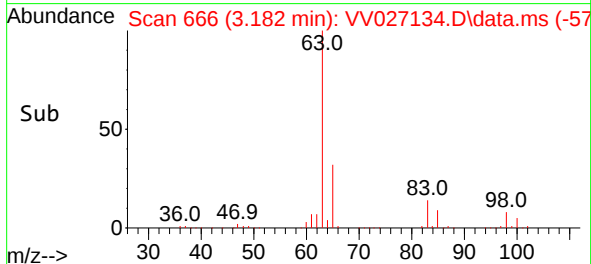
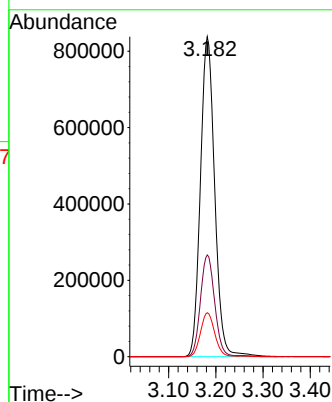
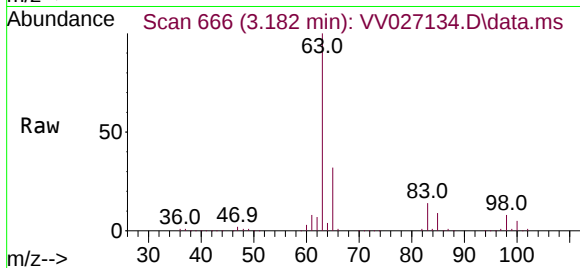
MSVOA_V

ClientSampleId :

VSTD200250

Tgt Ion: 63 Resp: 1755274

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.9	42.5
83	13.7	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 210.936 ug/L

RT: 3.902 min Scan# 890

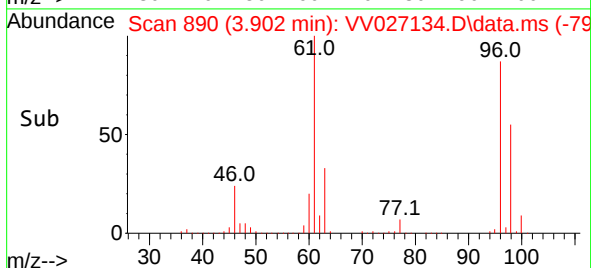
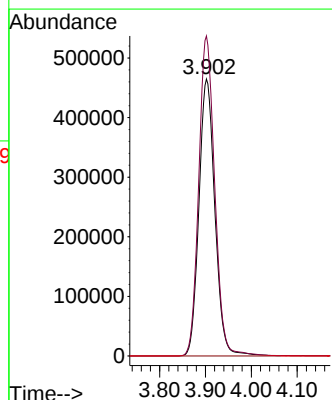
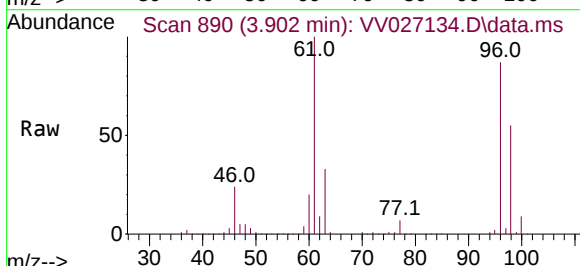
Delta R.T. -0.003 min

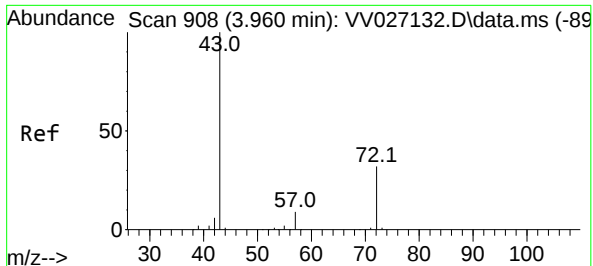
Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Tgt Ion: 96 Resp: 1125003

Ion	Ratio	Lower	Upper
96	100		
61	115.6	81.7	151.7
68	0.0	0.0	0.0

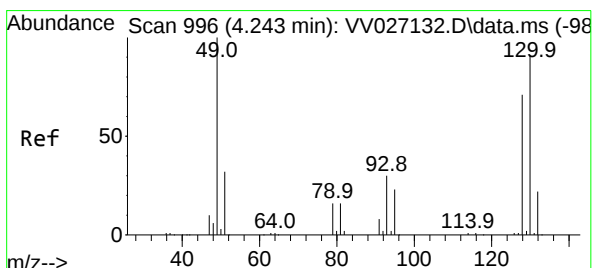
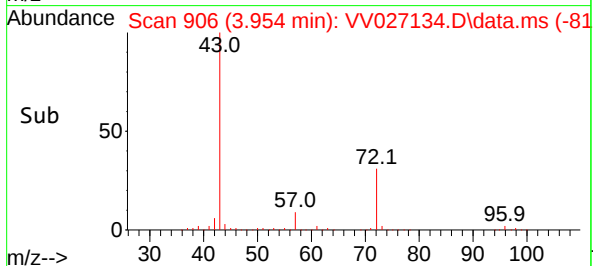
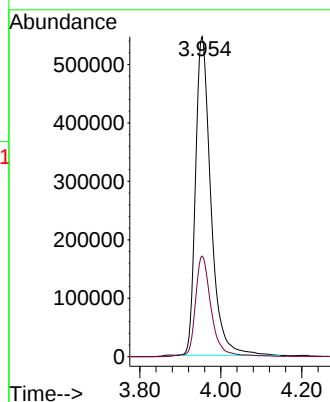
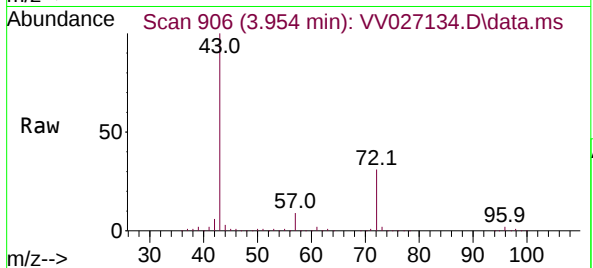




#22
2-Butanone
Concen: 446.634 ug/L
RT: 3.954 min Scan# 906
Delta R.T. -0.006 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

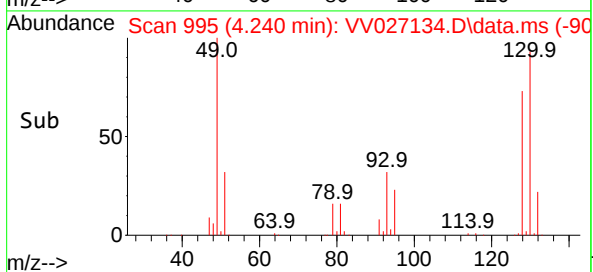
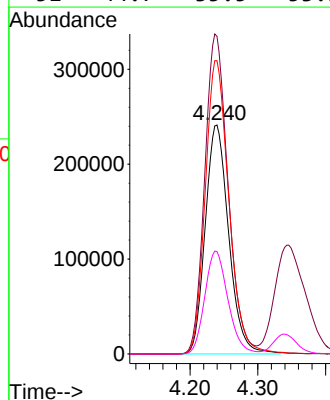
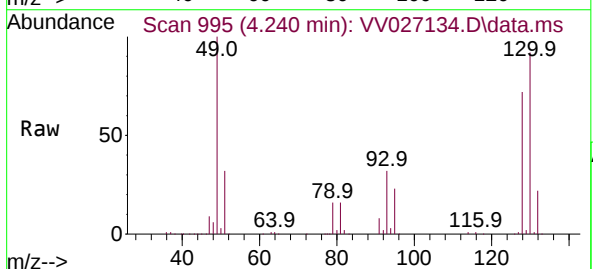
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

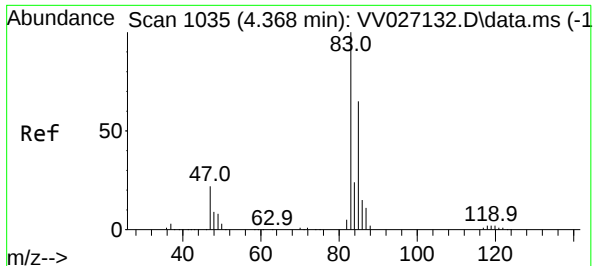
Tgt Ion: 43 Resp: 1438392
Ion Ratio Lower Upper
43 100
72 32.1 15.7 47.1



#23
Bromochloromethane
Concen: 191.715 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 128 Resp: 580938
Ion Ratio Lower Upper
128 100
49 138.7 98.6 183.2
130 128.1 89.7 166.5
51 44.7 35.5 53.3





#25

Chloroform

Concen: 187.548 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

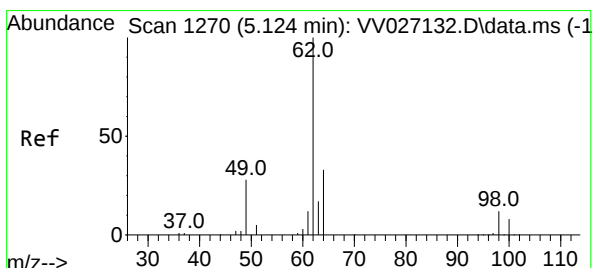
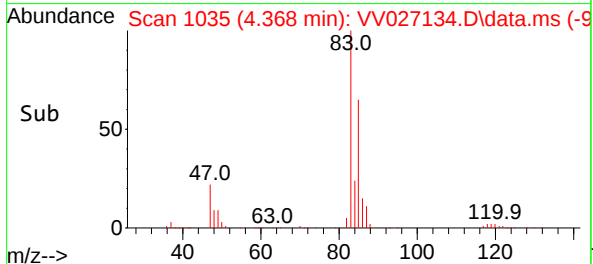
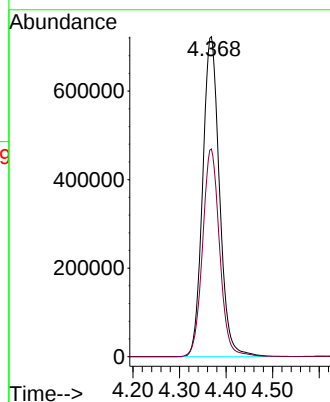
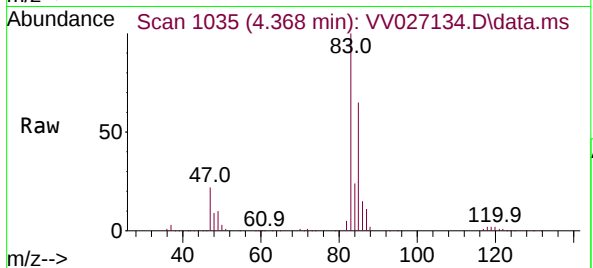
VSTD200250

Tgt Ion: 83 Resp: 1816791

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 190.767 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027134.D

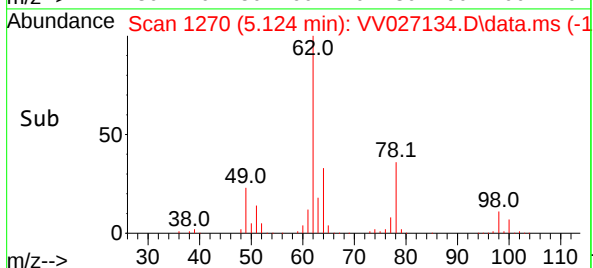
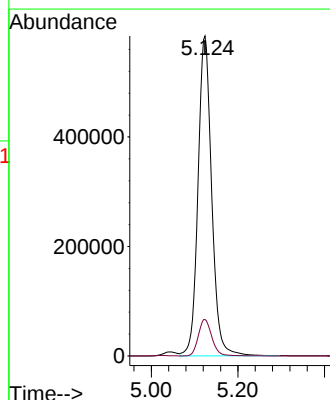
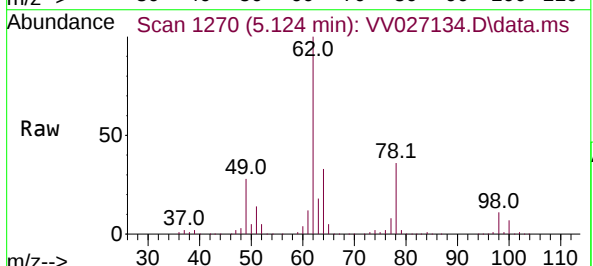
Acq: 01 Aug 2022 17:30

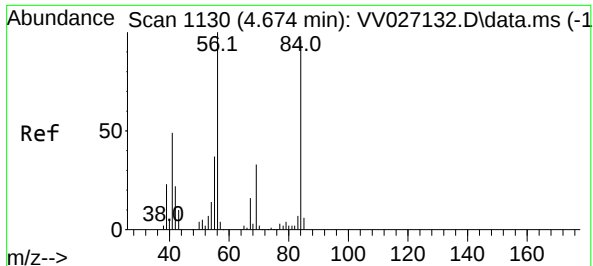
Tgt Ion: 62 Resp: 1279478

Ion Ratio Lower Upper

62 100

98 11.4 9.2 13.8





#29

Cyclohexane

Concen: 220.927 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

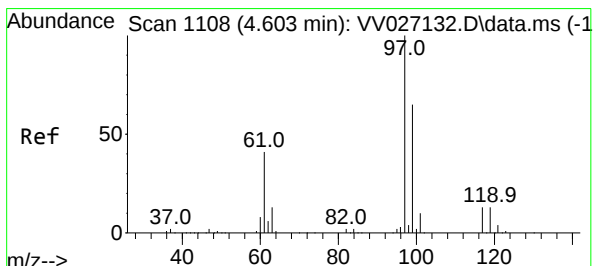
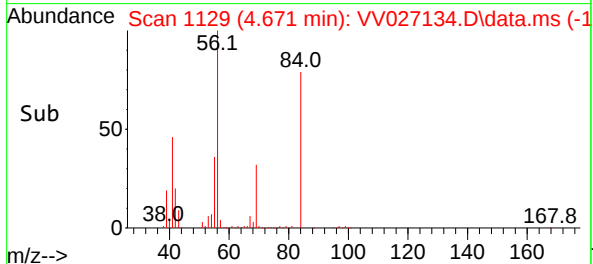
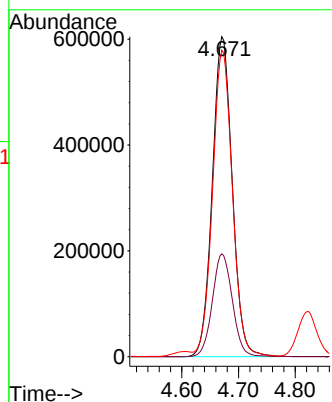
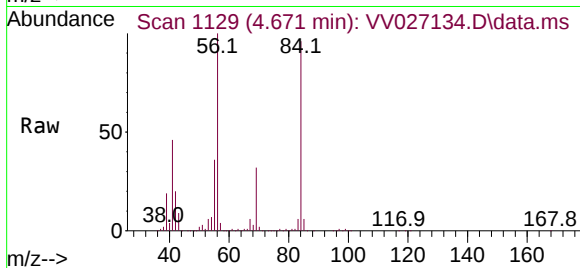
MSVOA_V

ClientSampleId :

VSTD200250

Tgt Ion: 56 Resp: 1477309

Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.1	39.1
84	95.5	77.3	115.9



#30

1,1,1-Trichloroethane

Concen: 191.038 ug/L

RT: 4.600 min Scan# 1107

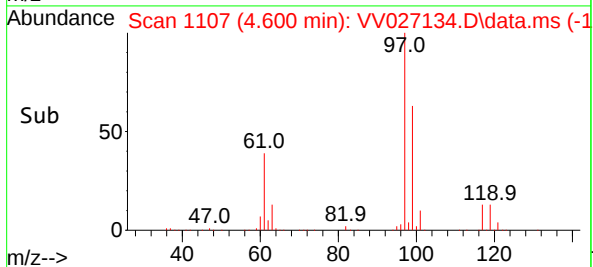
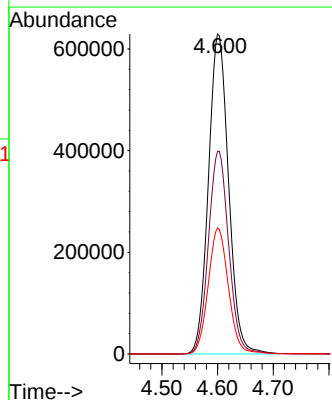
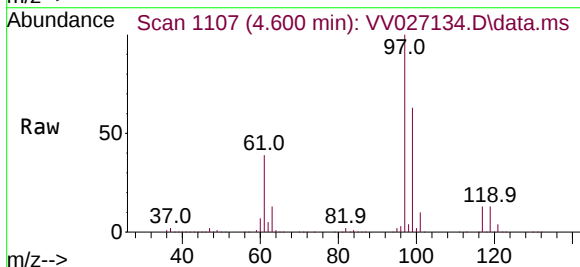
Delta R.T. -0.003 min

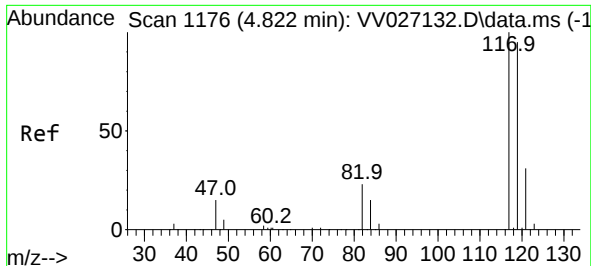
Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Tgt Ion: 97 Resp: 1582180

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	39.5	32.7	49.1

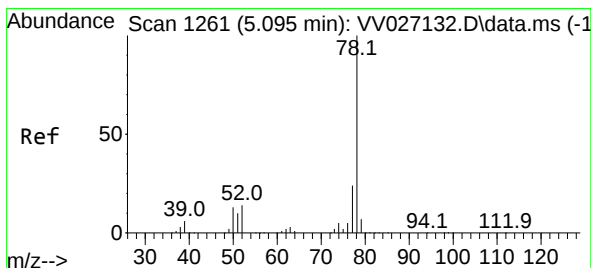
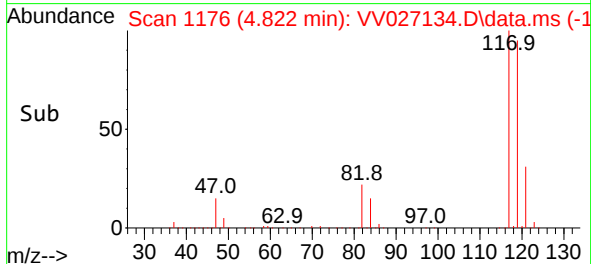
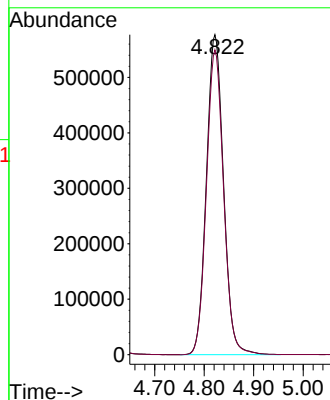
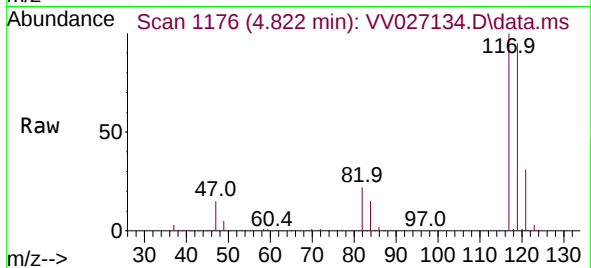




#31
Carbon tetrachloride
Concen: 194.542 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

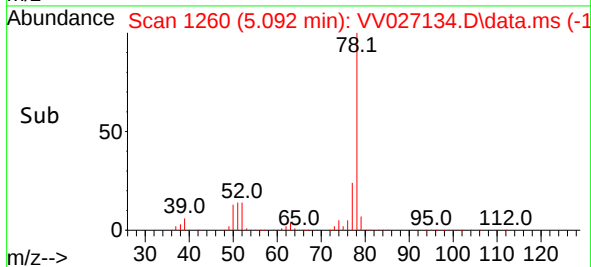
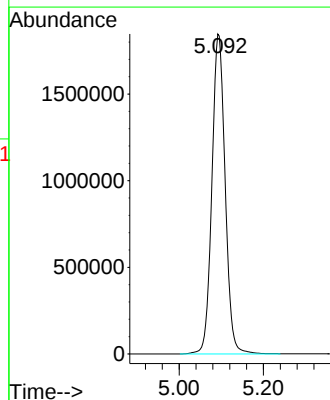
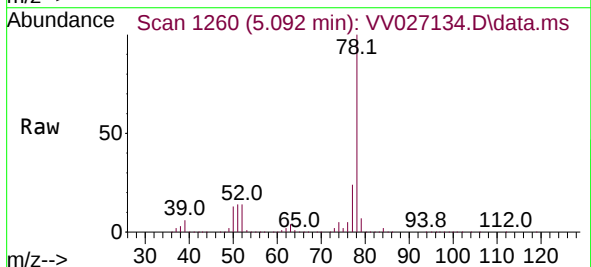
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

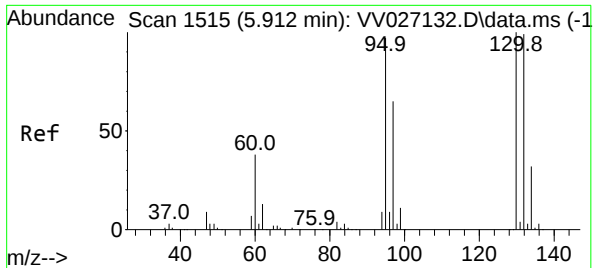
Tgt Ion:117 Resp: 1385456
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 198.821 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 78 Resp: 4027512



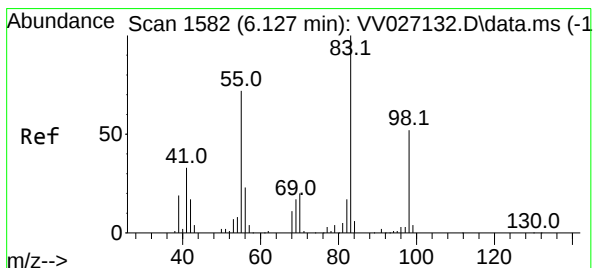
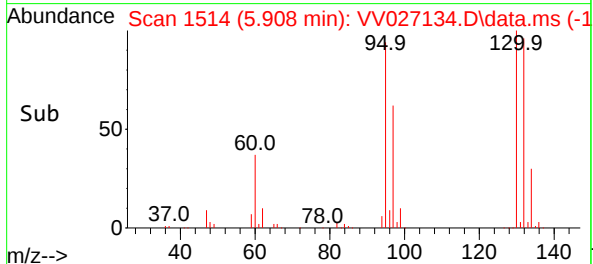
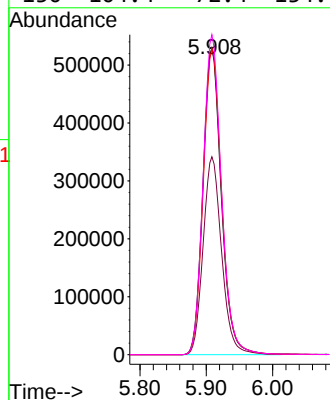
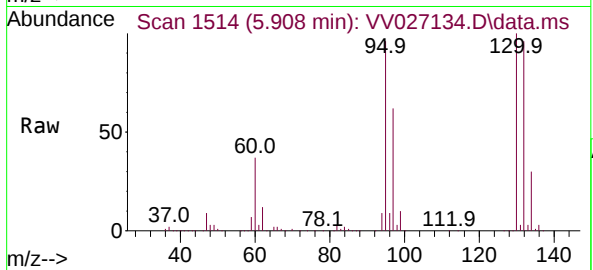


#34
Trichloroethene
Concen: 196.603 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

Tgt Ion: 95 Resp: 1024197

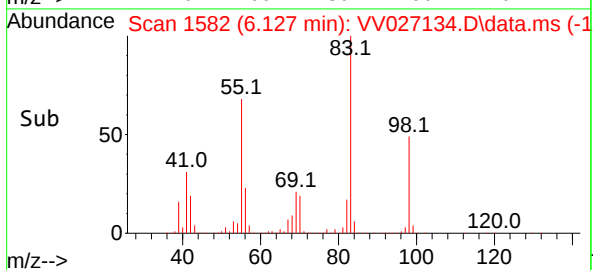
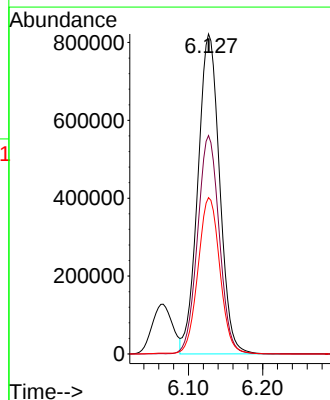
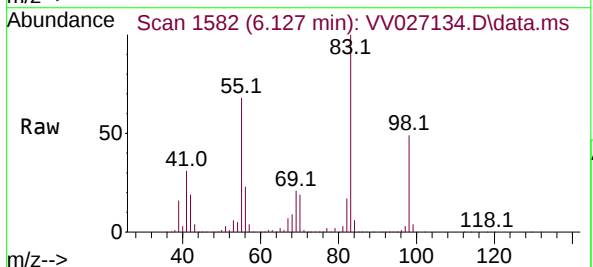
Ion	Ratio	Lower	Upper
95	100		
97	64.6	47.0	87.2
132	99.9	71.5	132.7
130	104.4	72.4	134.4

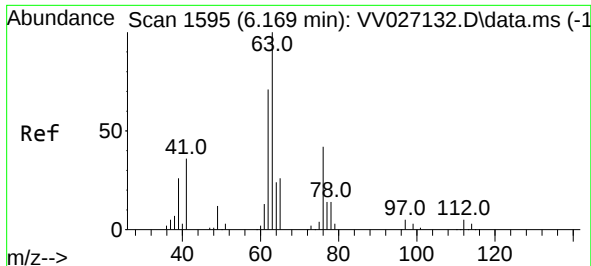


#35
Methylcyclohexane
Concen: 216.353 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 83 Resp: 1672749

Ion	Ratio	Lower	Upper
83	100		
55	68.0	56.2	84.4
98	49.1	39.6	59.4





#37

1,2-Dichloropropane

Concen: 195.141 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

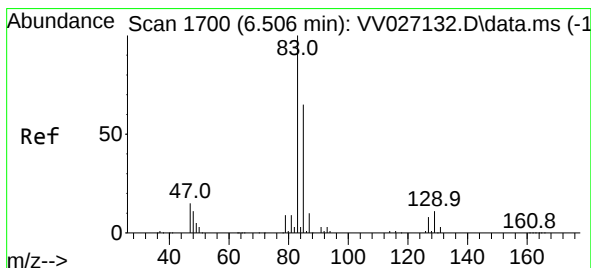
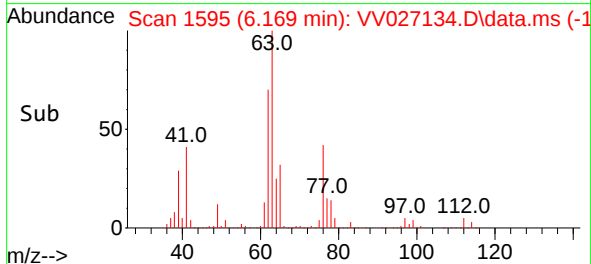
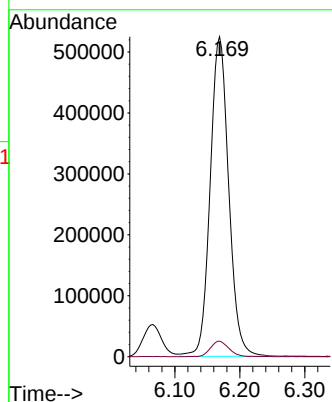
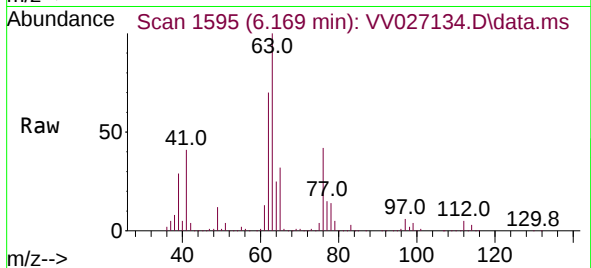
VSTD200250

Tgt Ion: 63 Resp: 1037760

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 194.480 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

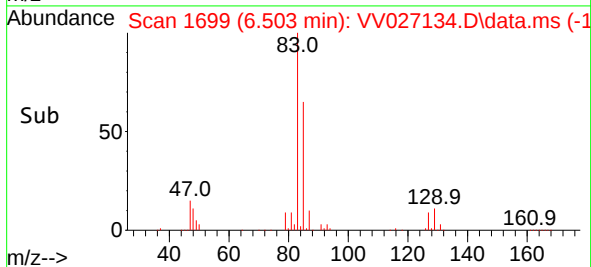
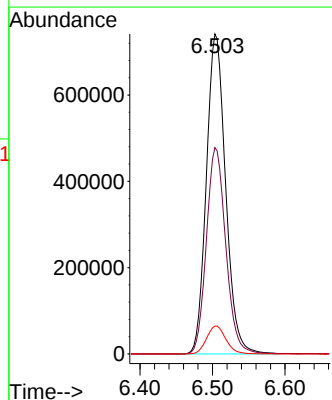
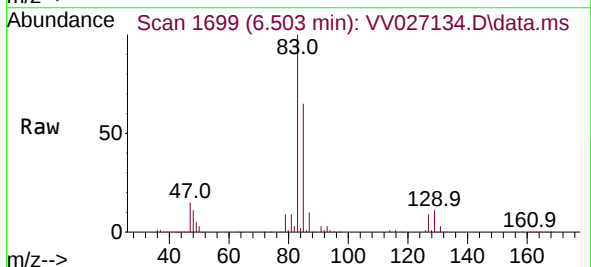
Tgt Ion: 83 Resp: 1369953

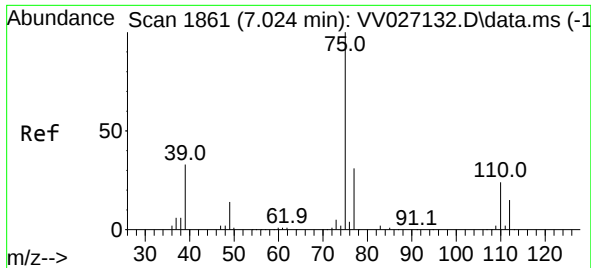
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.7 6.7 10.1

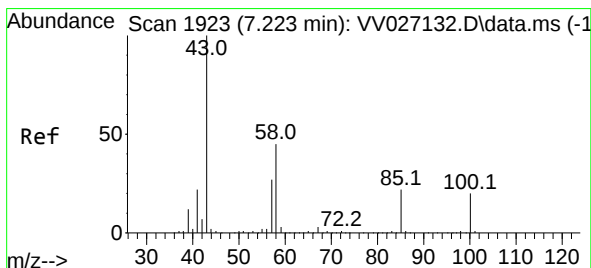
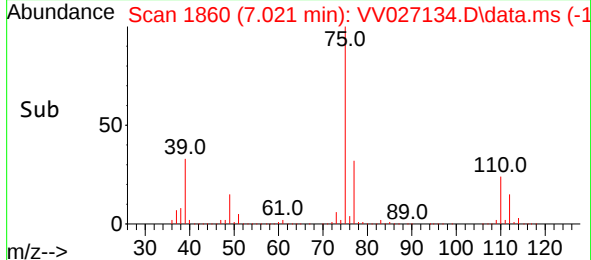
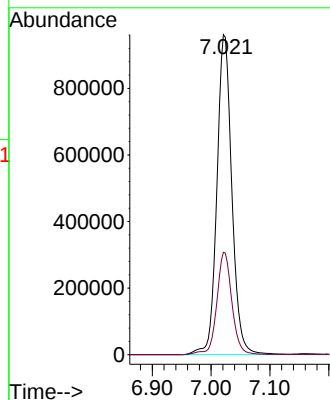
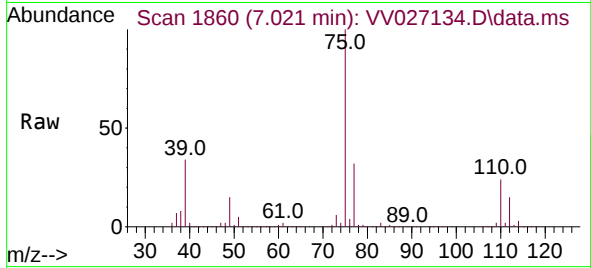




#39
 cis-1,3-Dichloropropene
 Concen: 227.668 ug/L
 RT: 7.021 min Scan# 1860
 Delta R.T. -0.003 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

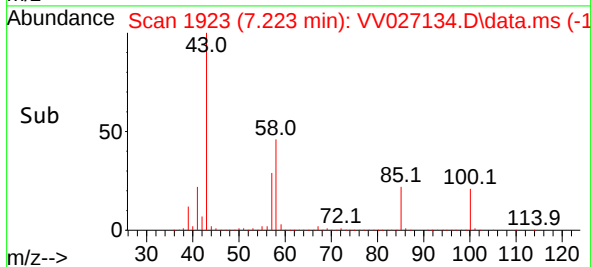
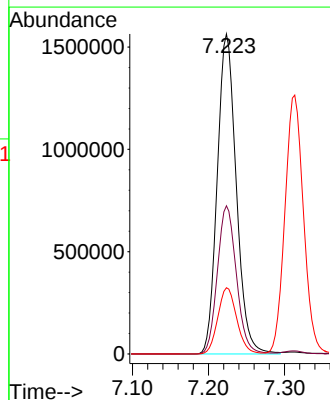
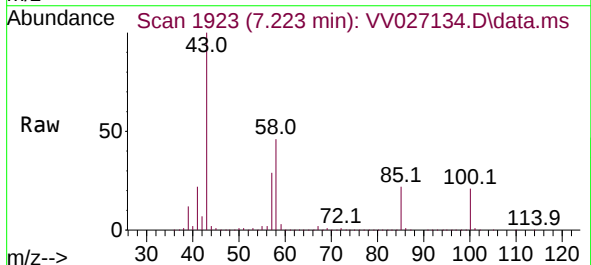
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200250

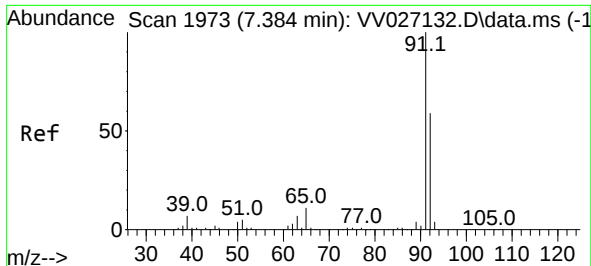
Tgt Ion: 75 Resp: 1698495
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 431.413 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

Tgt Ion: 43 Resp: 2711515
 Ion Ratio Lower Upper
 43 100
 58 46.4 36.1 54.1
 100 20.6 15.8 23.6

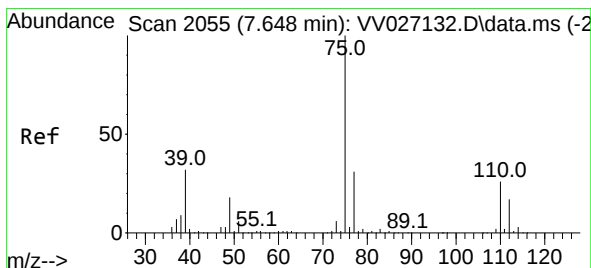
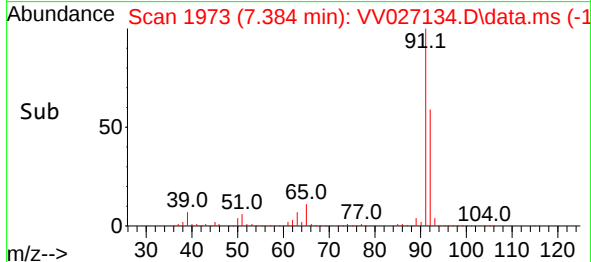
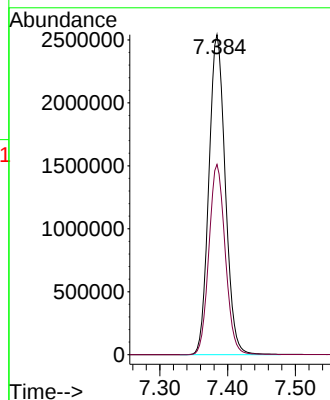
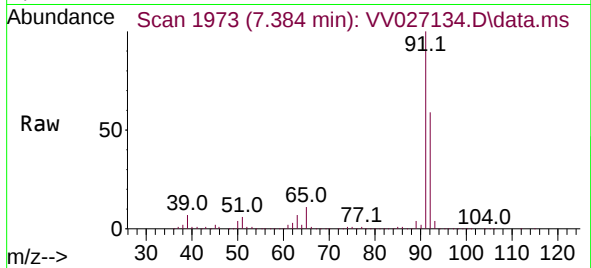




#42
Toluene
Concen: 204.373 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

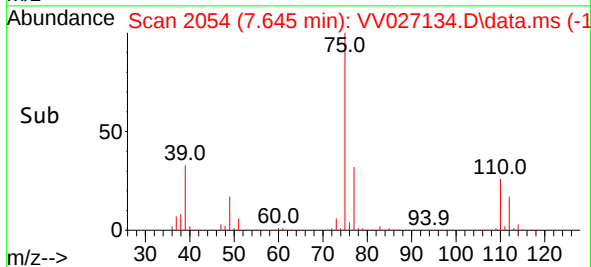
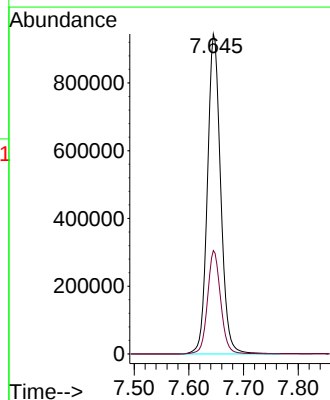
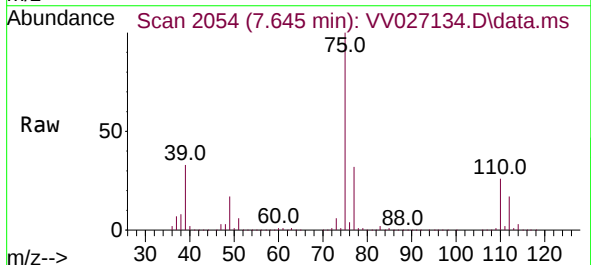
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

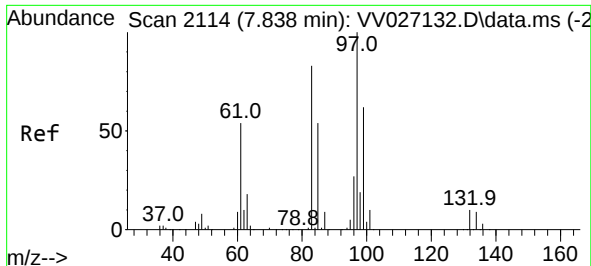
Tgt Ion: 91 Resp: 4270878
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 221.175 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 75 Resp: 1585369
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 189.940 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD200250

Tgt Ion: 97 Resp: 1061821

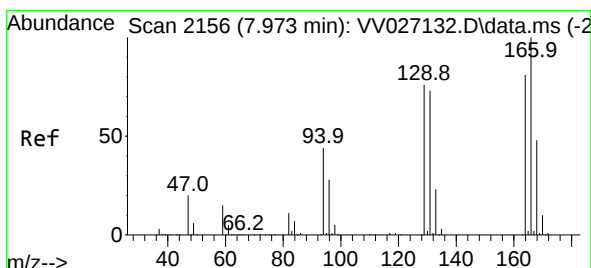
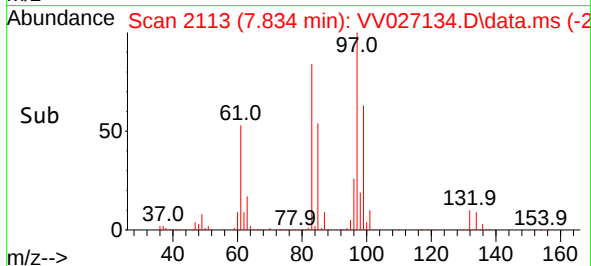
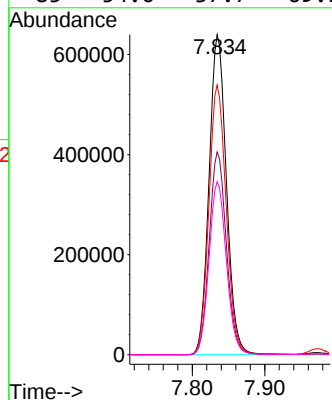
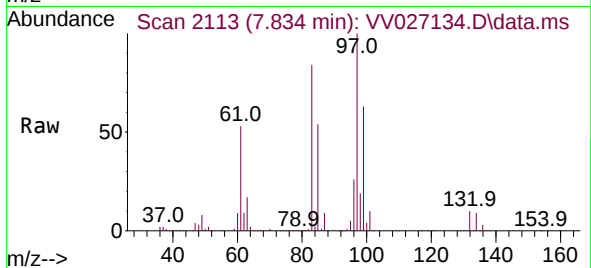
Ion Ratio Lower Upper

97 100

99 63.4 43.3 80.5

83 84.3 58.2 108.2

85 54.0 37.7 69.9



#46

Tetrachloroethene

Concen: 199.055 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Tgt Ion:164 Resp: 791696

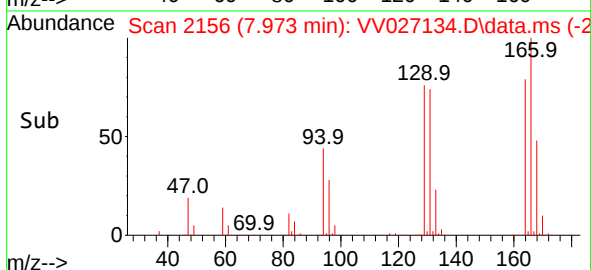
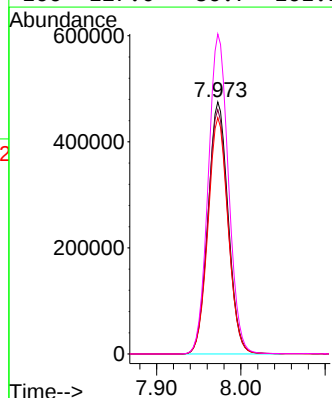
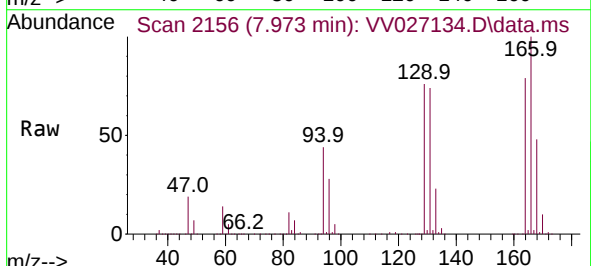
Ion Ratio Lower Upper

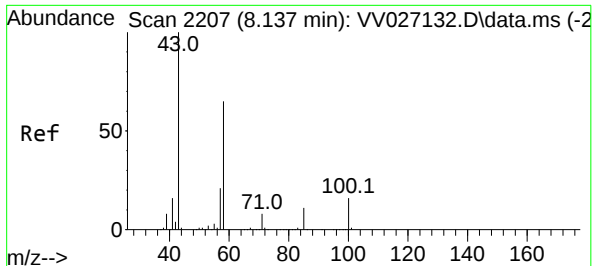
164 100

129 96.9 66.0 122.6

131 93.8 63.1 117.1

166 127.0 86.7 161.1



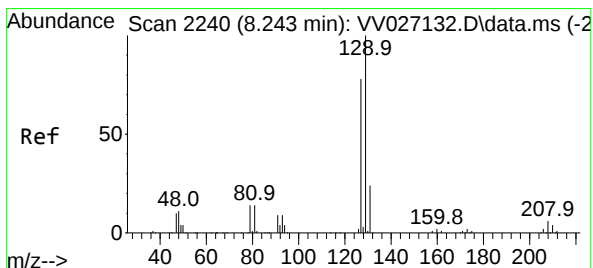
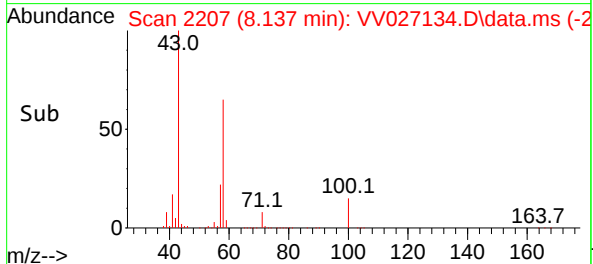
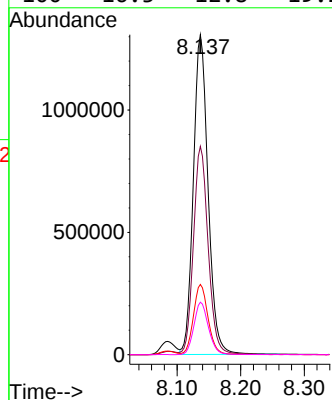
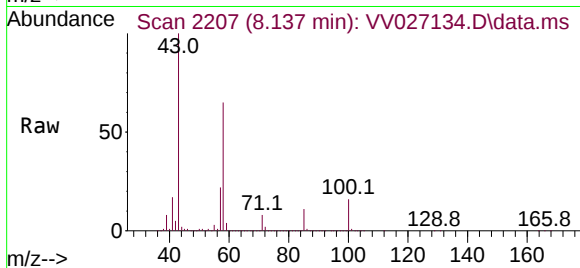


#48
2-Hexanone
Concen: 429.582 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

Tgt Ion: 43 Resp: 2099252

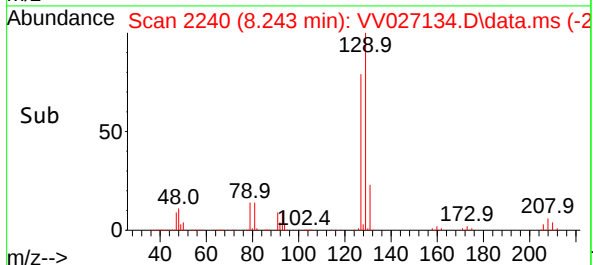
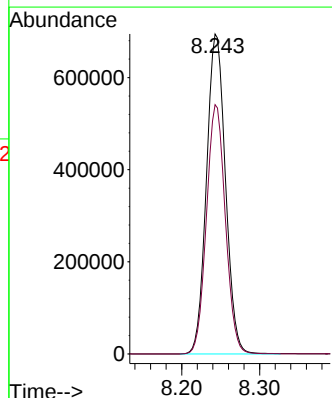
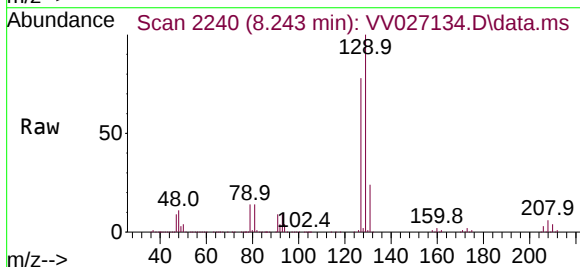
Ion	Ratio	Lower	Upper
43	100		
58	64.8	51.3	76.9
57	22.0	16.7	25.1
100	16.3	12.8	19.2

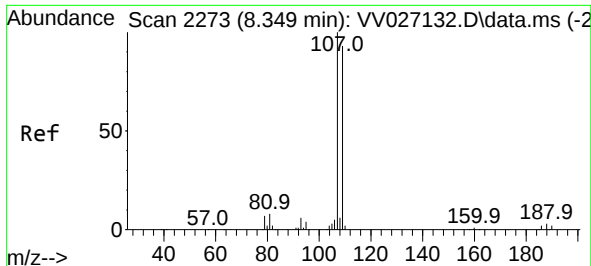


#49
Dibromochloromethane
Concen: 202.419 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 129 Resp: 1174666

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.3





#50

1,2-Dibromoethane

Concen: 196.276 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD200250

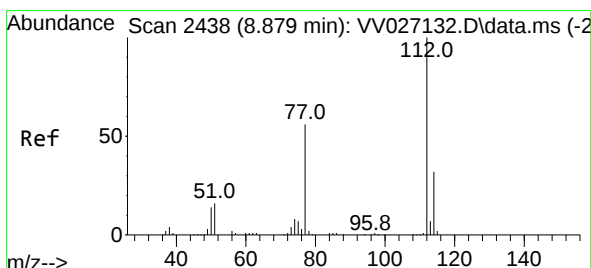
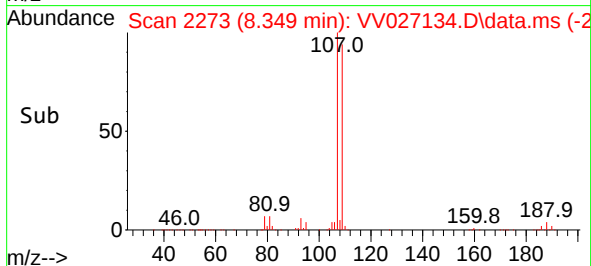
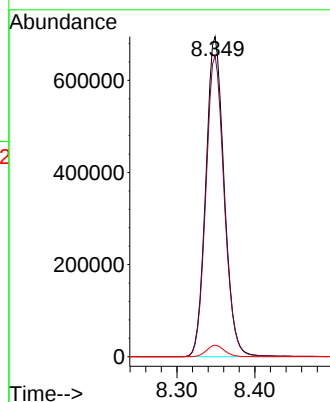
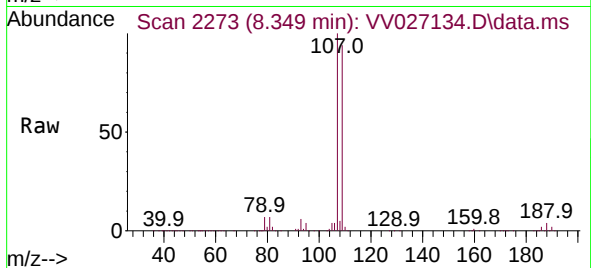
Tgt Ion:107 Resp: 1135968

Ion Ratio Lower Upper

107 100

109 94.1 65.3 121.3

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 196.166 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

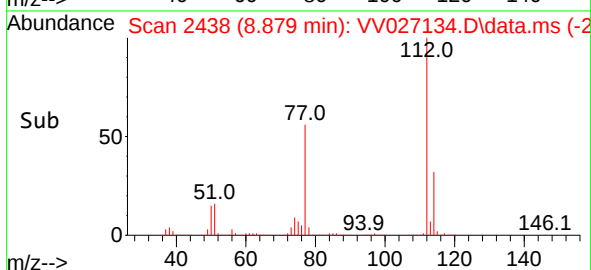
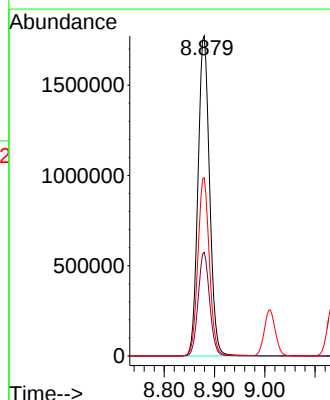
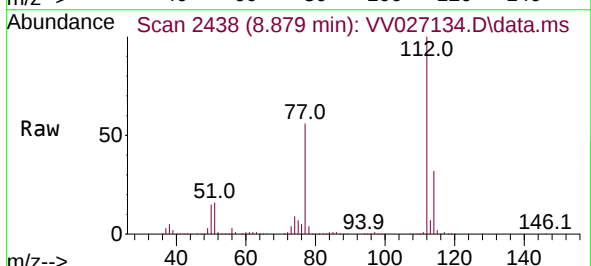
Tgt Ion:112 Resp: 2836894

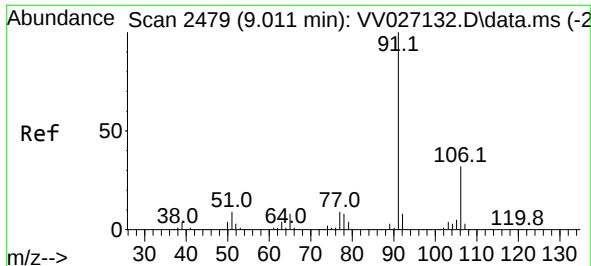
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.3

77 55.7 44.9 67.3

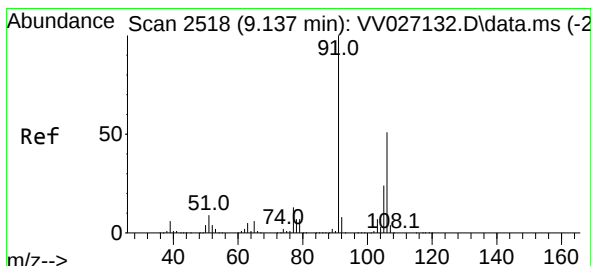
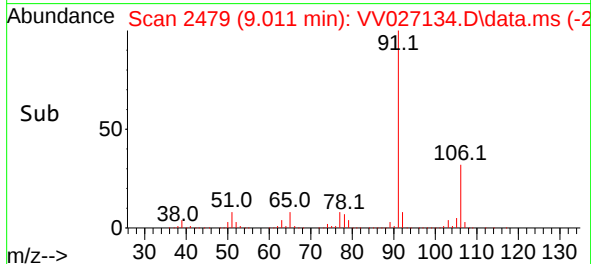
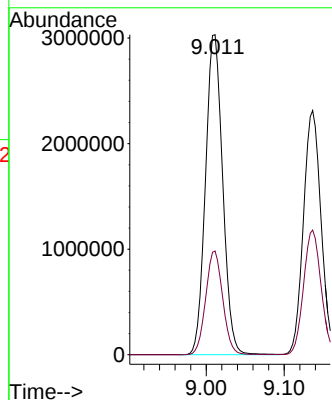
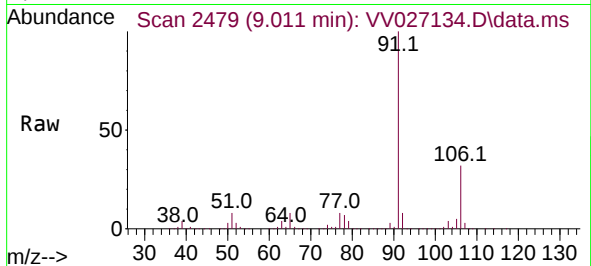




#52
Ethylbenzene
Concen: 217.129 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

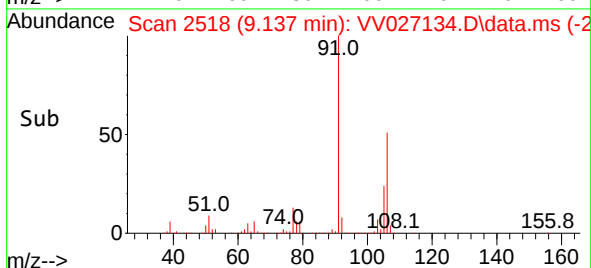
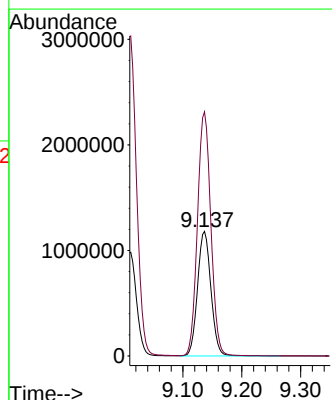
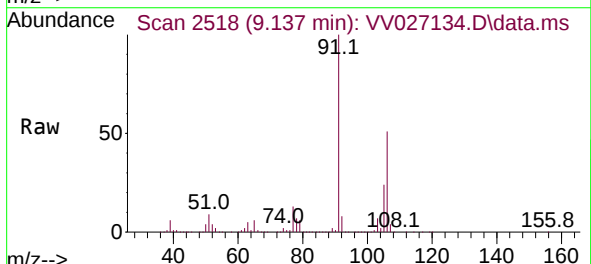
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

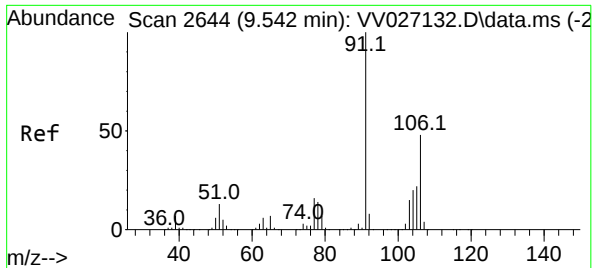
Tgt Ion: 91 Resp: 4650183
Ion Ratio Lower Upper
91 100
106 32.4 22.1 41.1



#53
m,p-Xylene
Concen: 221.238 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 106 Resp: 1858665
Ion Ratio Lower Upper
106 100
91 195.8 138.5 257.3

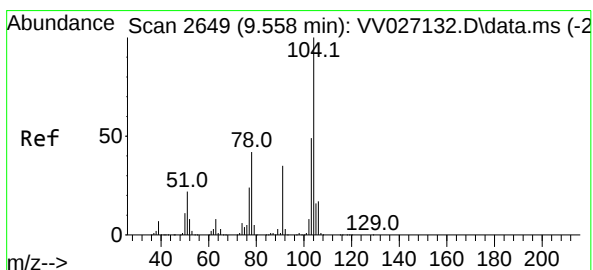
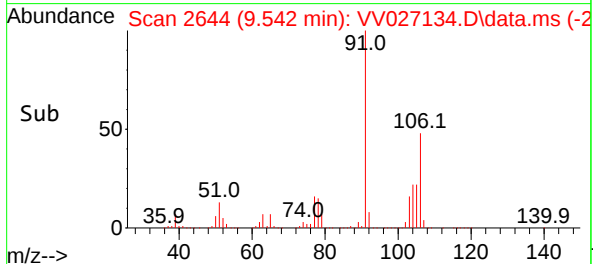
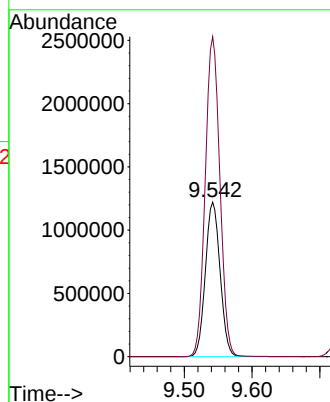
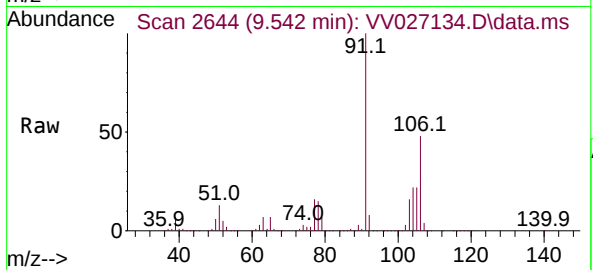




#54
o-Xylene
Concen: 223.474 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

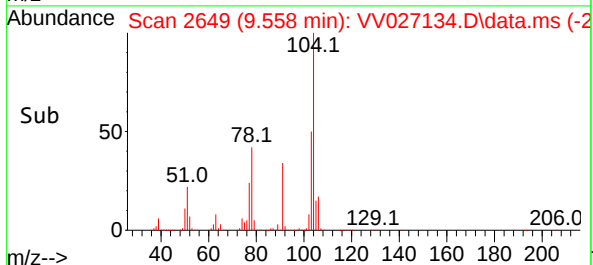
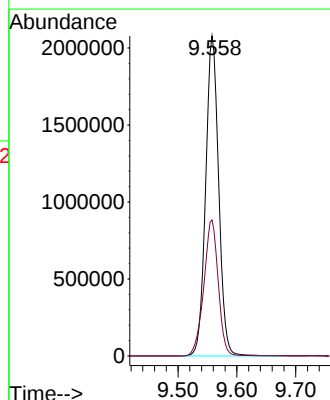
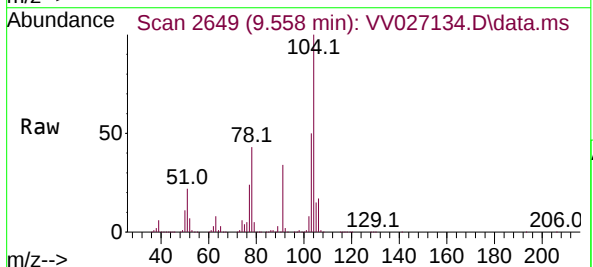
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

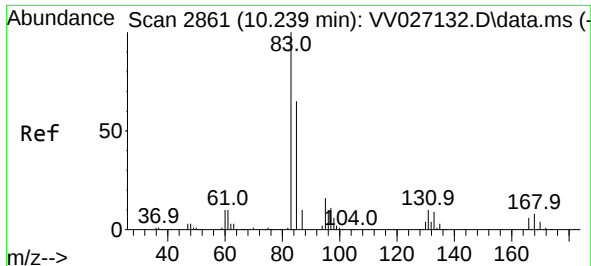
Tgt Ion:106 Resp: 1837820
Ion Ratio Lower Upper
106 100
91 207.0 145.1 269.5



#55
Styrene
Concen: 223.278 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion:104 Resp: 3191362
Ion Ratio Lower Upper
104 100
78 42.5 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 190.732 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD200250

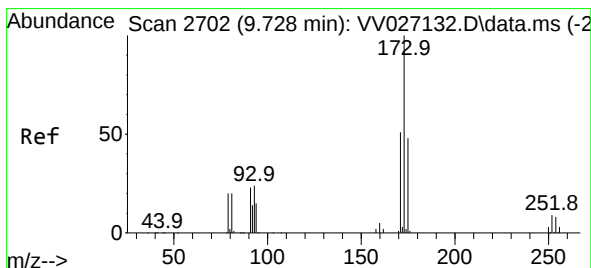
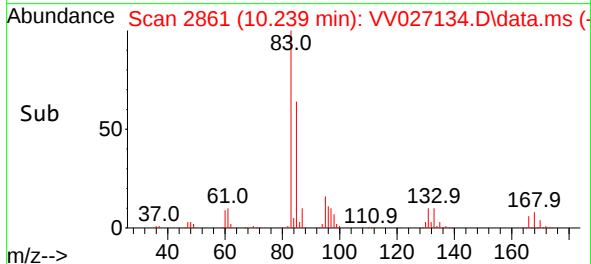
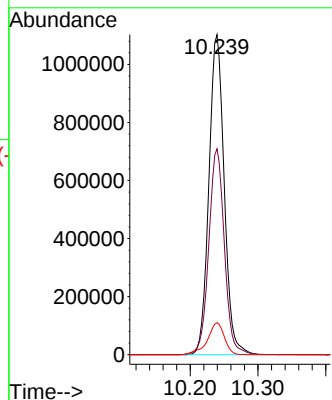
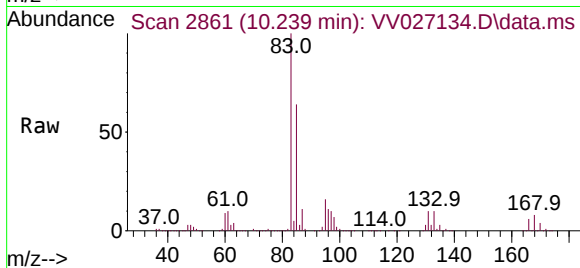
Tgt Ion: 83 Resp: 1728969

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0

131 10.0 7.8 11.6



#59

Bromoform

Concen: 197.868 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

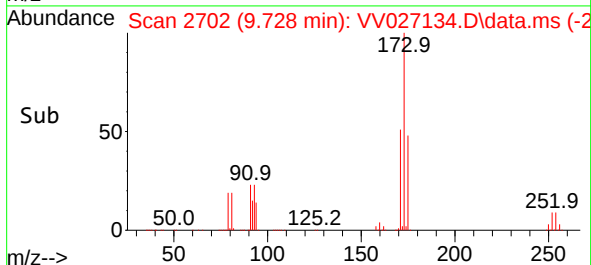
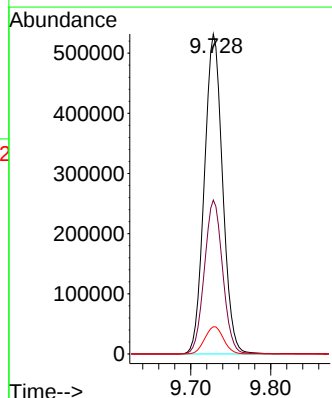
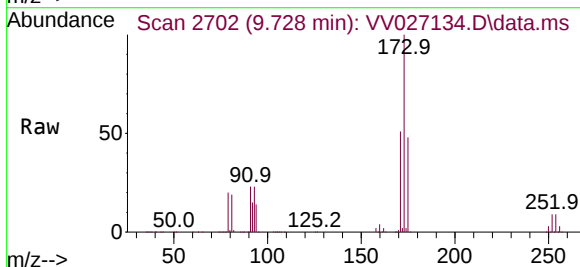
Tgt Ion: 173 Resp: 845103

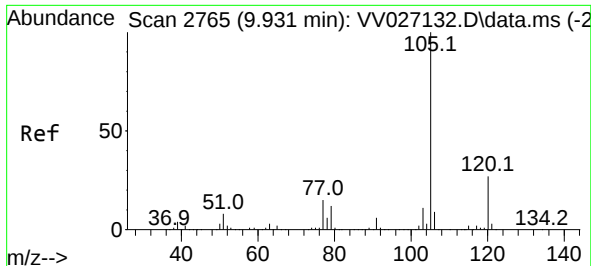
Ion Ratio Lower Upper

173 100

175 48.3 38.2 57.4

254 8.8 6.8 10.2

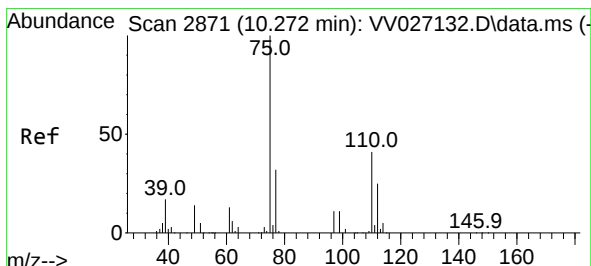
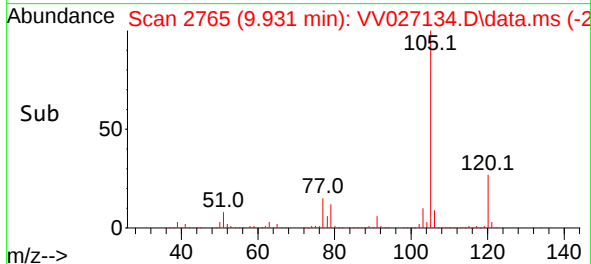
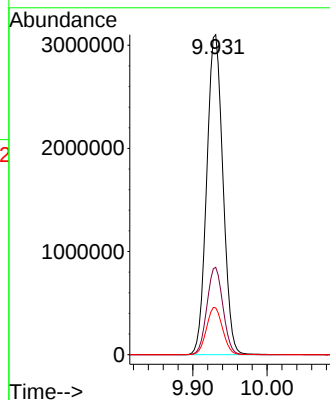
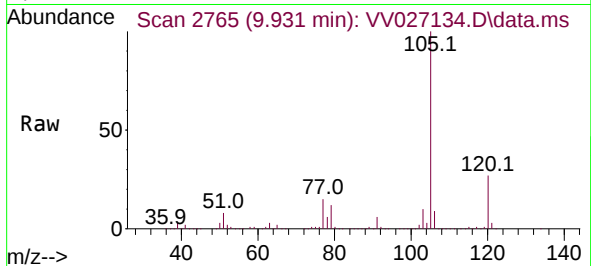




#60
Isopropylbenzene
Concen: 206.464 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

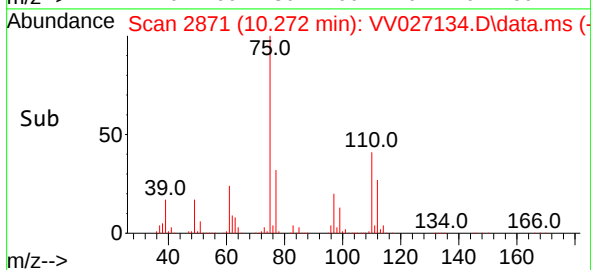
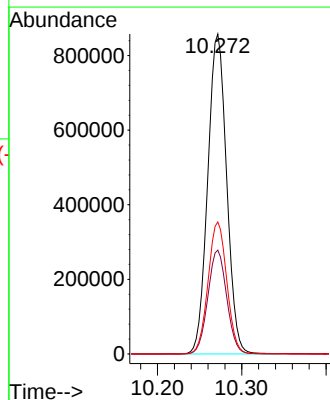
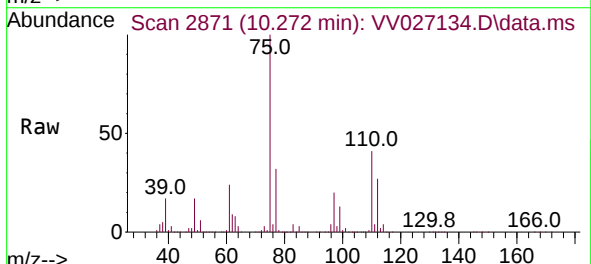
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

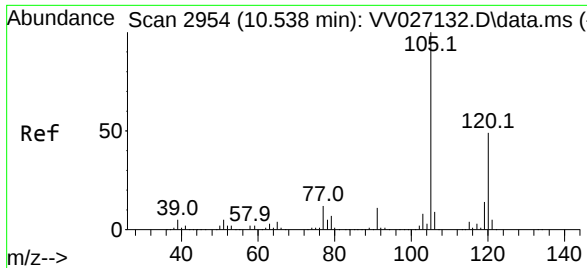
Tgt Ion:105 Resp: 4686655
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 14.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 174.102 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 75 Resp: 1337219
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 41.0 32.8 49.2

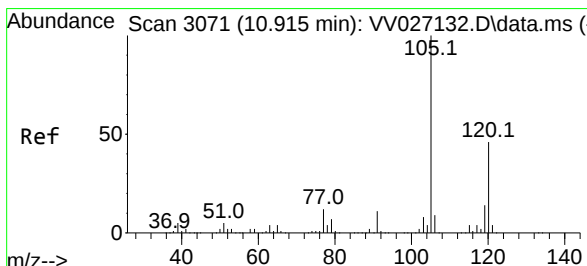
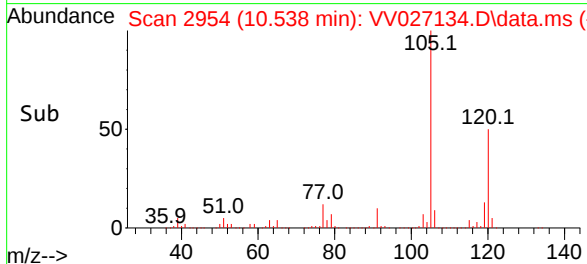
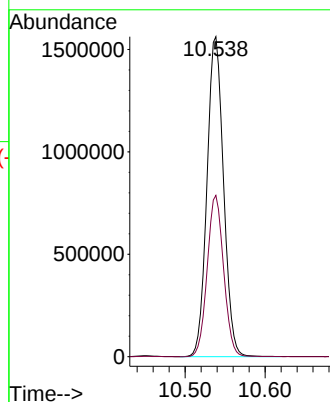
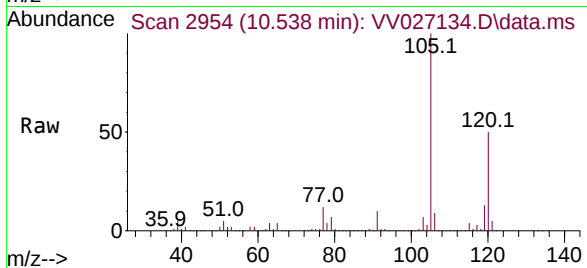




#62
 1,3,5-Trimethylbenzene
 Concen: 228.827 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

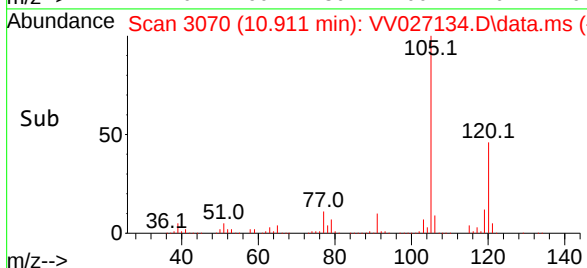
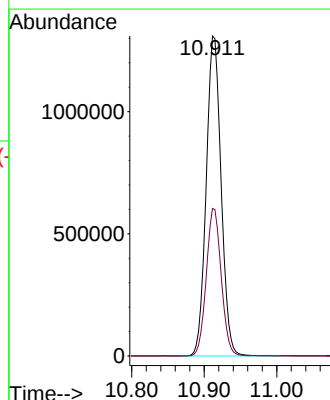
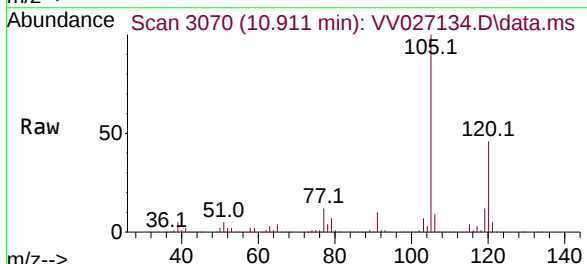
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200250

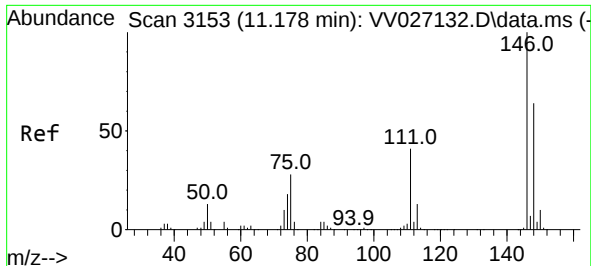
Tgt Ion:105 Resp: 2249859
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 235.682 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

Tgt Ion:105 Resp: 1872258
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.5 54.7

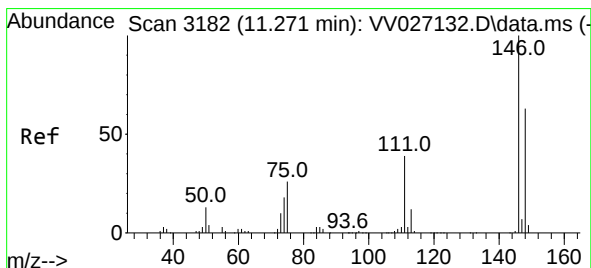
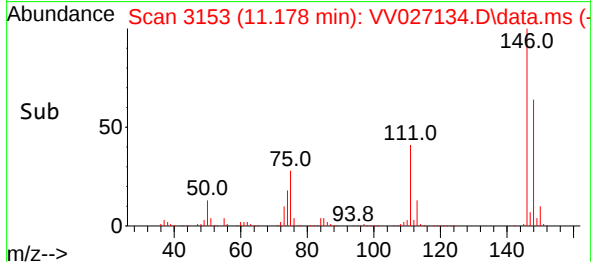
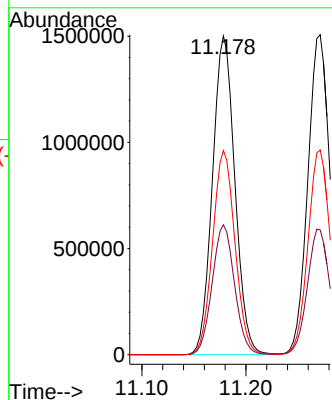
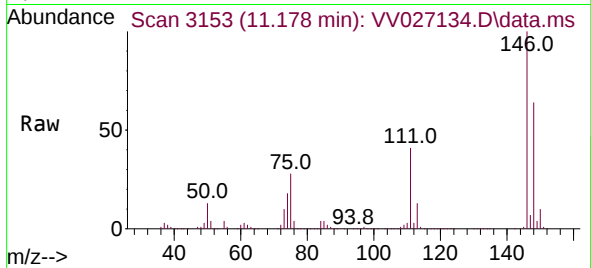




#64
1,3-Dichlorobenzene
Concen: 201.149 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

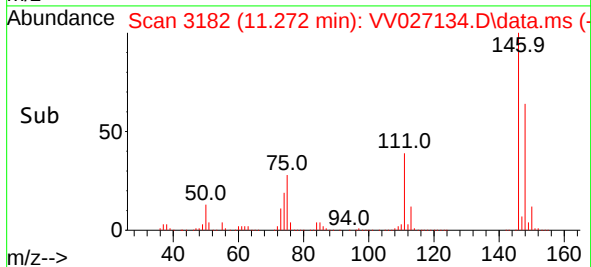
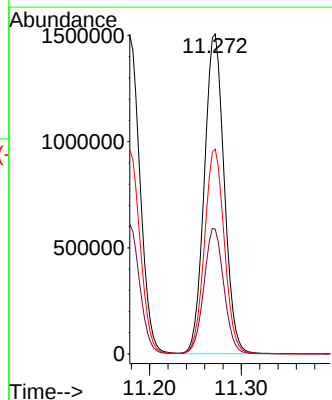
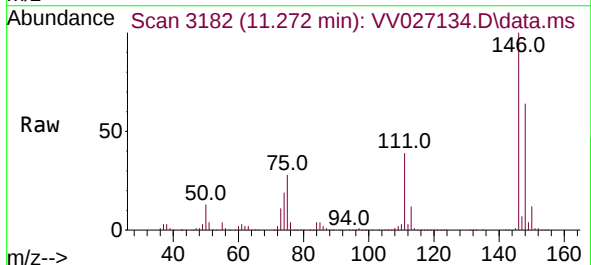
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

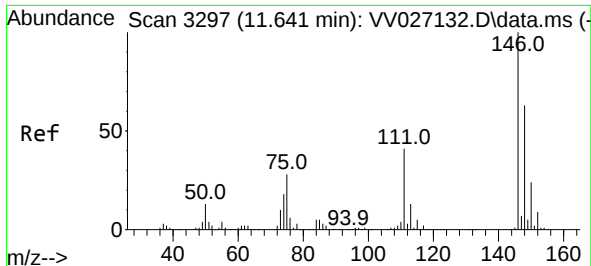
Tgt Ion:146 Resp: 2250317
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 64.1 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 191.961 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion:146 Resp: 2265492
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.4
148 64.0 44.2 82.2

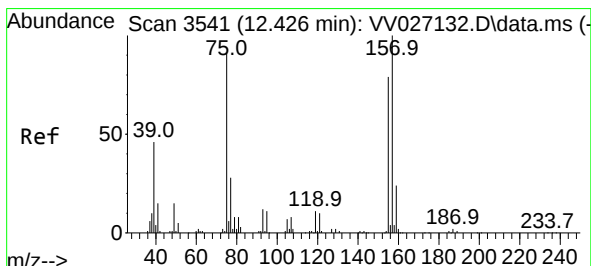
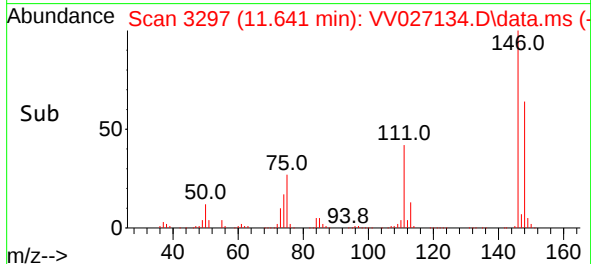
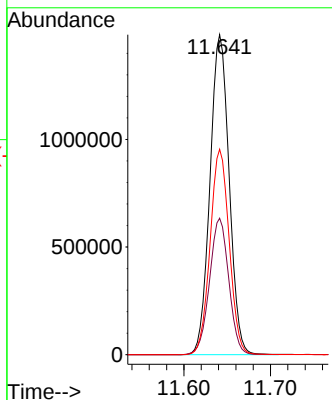
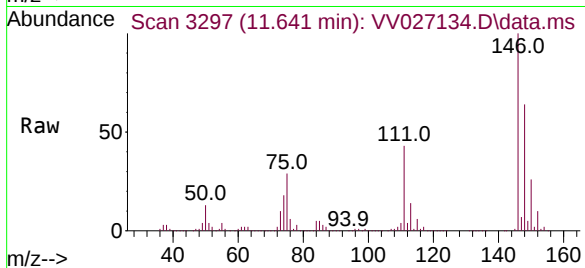




#67
1,2-Dichlorobenzene
Concen: 193.958 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

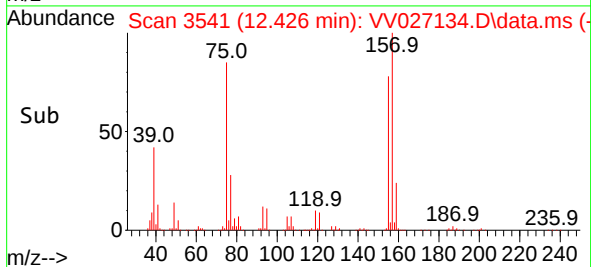
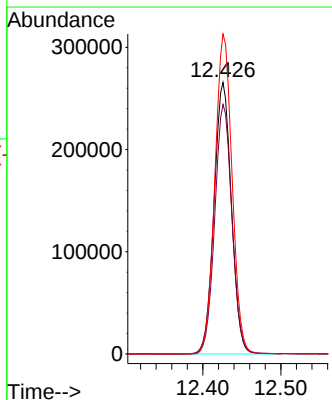
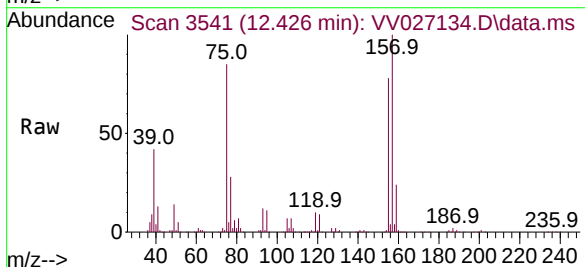
Instrument :
MSVOA_V
ClientSampleId :
VSTD200250

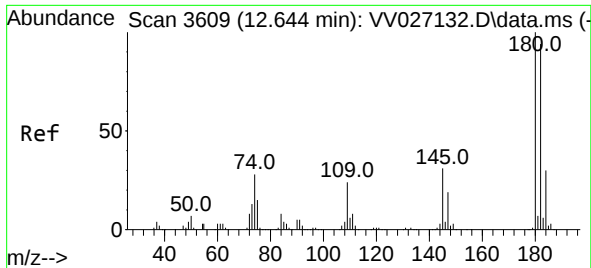
Tgt Ion:146 Resp: 2278621
Ion Ratio Lower Upper
146 100
111 42.7 32.8 49.2
148 64.2 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 199.651 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027134.D
Acq: 01 Aug 2022 17:30

Tgt Ion: 75 Resp: 410261
Ion Ratio Lower Upper
75 100
155 92.0 69.6 104.4
157 117.9 88.1 132.1

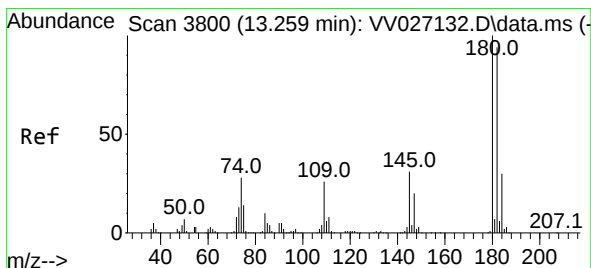
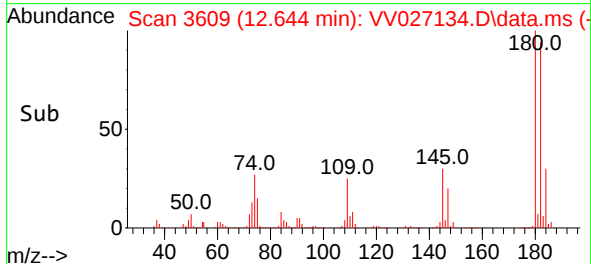
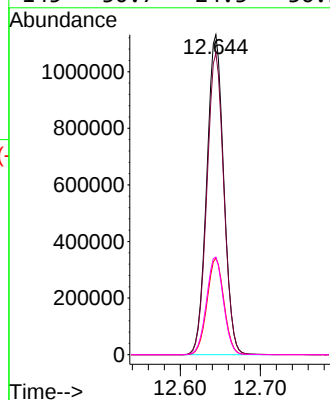
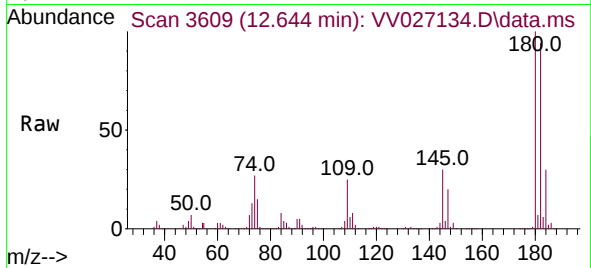




#69
 1,3,5-Trichlorobenzene
 Concen: 210.442 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

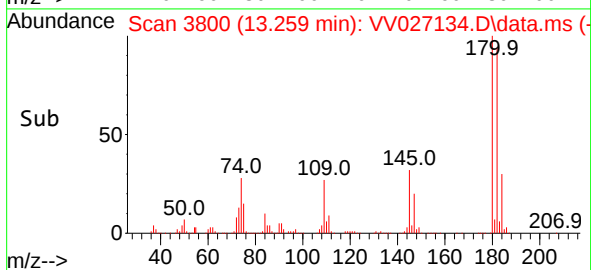
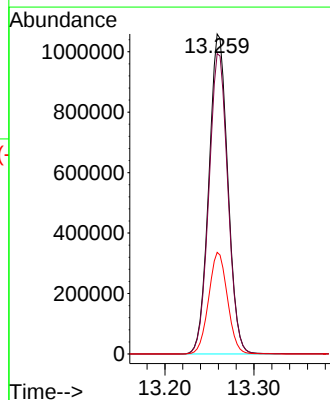
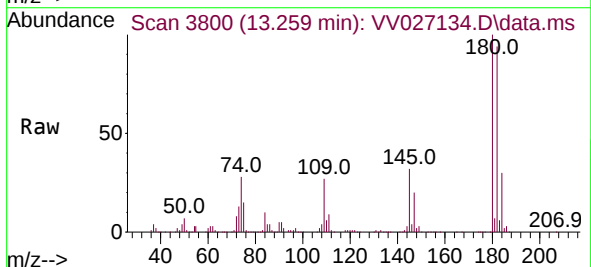
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200250

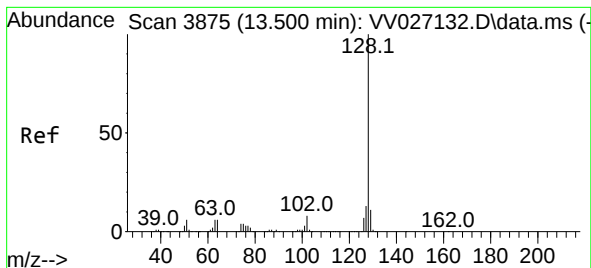
Tgt Ion:180 Resp: 1670276
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.3 112.9
 184 30.1 24.3 36.5
 145 30.7 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 234.050 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027134.D
 Acq: 01 Aug 2022 17:30

Tgt Ion:180 Resp: 1559789
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.2 112.8
 145 31.5 24.7 37.1





#71

Naphthalene

Concen: 243.143 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD200250

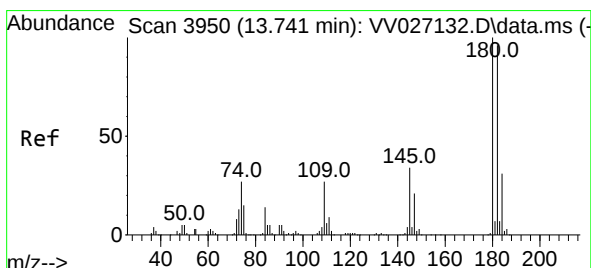
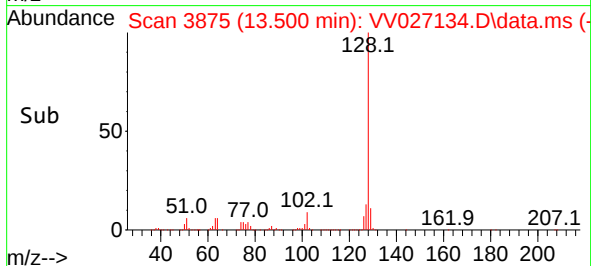
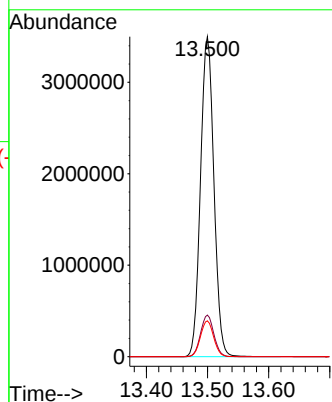
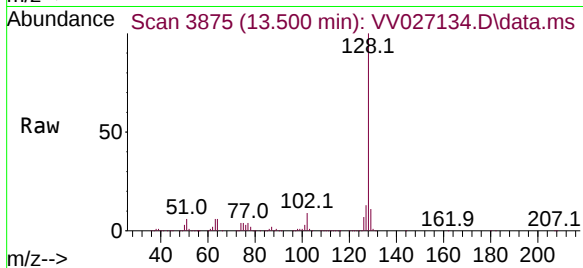
Tgt Ion:128 Resp: 5322764

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 217.210 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027134.D

Acq: 01 Aug 2022 17:30

Tgt Ion:180 Resp: 1582990

Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 33.6 26.8 40.2

