

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028270.D
 Acq On : 03 Oct 2022 10:53
 Operator : SY/MD
 Sample : VSTD00153
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001253

Quant Time: Oct 04 01:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	184004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	12521	0.656	ug/L	0.00
7) Chloroethane-d5	1.561	69	10600	0.699	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	24832	0.751	ug/L	0.00
20) 2-Butanone-d5	3.937	46	6617	2.055	ug/L	0.05
24) Chloroform-d	4.342	84	25671	0.843	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	11757	0.812	ug/L	0.00
32) Benzene-d6	5.047	84	49050	0.833	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	14282	0.778	ug/L	0.00
41) Toluene-d8	7.313	98	40670	0.763	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5059	0.763	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	17444	6.306	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10680	0.852	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	15235	0.856	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	12590	0.916	ug/L	92
3) Chloromethane	1.236	50	12920	0.710	ug/L	95
5) Vinyl chloride	1.304	62	14363	1.007	ug/L	92
6) Bromomethane	1.516	94	6615	0.712	ug/L	97
8) Chloroethane	1.577	64	10600	1.108	ug/L #	72
9) Trichlorofluoromethane	1.748	101	21612	0.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12095	0.926	ug/L	98
12) 1,1-Dichloroethene	2.111	96	12413	0.976	ug/L	76
14) Carbon disulfide	2.285	76	38380	1.573	ug/L	99
15) Methyl Acetate	2.439	43	3574	0.742	ug/L #	81
16) Methylene chloride	2.500	84	15014	1.058	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	24474	0.895	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	13199	1.186	ug/L	95
19) 1,1-Dichloroethane	3.182	63	22696	0.935	ug/L	96
21) 2-Butanone	4.018	43	13323	4.338	ug/L #	75
22) cis-1,2-Dichloroethene	3.905	96	12739	0.872	ug/L	87
23) Bromochloromethane	4.246	128	5653	0.967	ug/L #	69
25) Chloroform	4.371	83	25184	0.966	ug/L	97
27) 1,2-Dichloroethane	5.133	62	13207	0.951	ug/L #	89
29) 1,1,1-Trichloroethane	4.603	97	20759	0.941	ug/L	96
30) Cyclohexane	4.670	56	17369	1.089	ug/L	92
31) Carbon tetrachloride	4.822	117	19156	1.056	ug/L	98
33) Benzene	5.095	78	50170	1.007	ug/L	100
34) Trichloroethene	5.912	95	12606	1.016	ug/L	91
35) Methylcyclohexane	6.124	83	19134	1.125	ug/L	94
37) 1,2-Dichloropropane	6.172	63	10848	0.776	ug/L	98
38) Bromodichloromethane	6.506	83	15877	0.920	ug/L	90
39) cis-1,3-Dichloropropene	7.027	75	16045	0.924	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	46969	6.922	ug/L	98
42) Toluene	7.384	91	48963	0.942	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	12681	0.850	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	8654	0.924	ug/L	98

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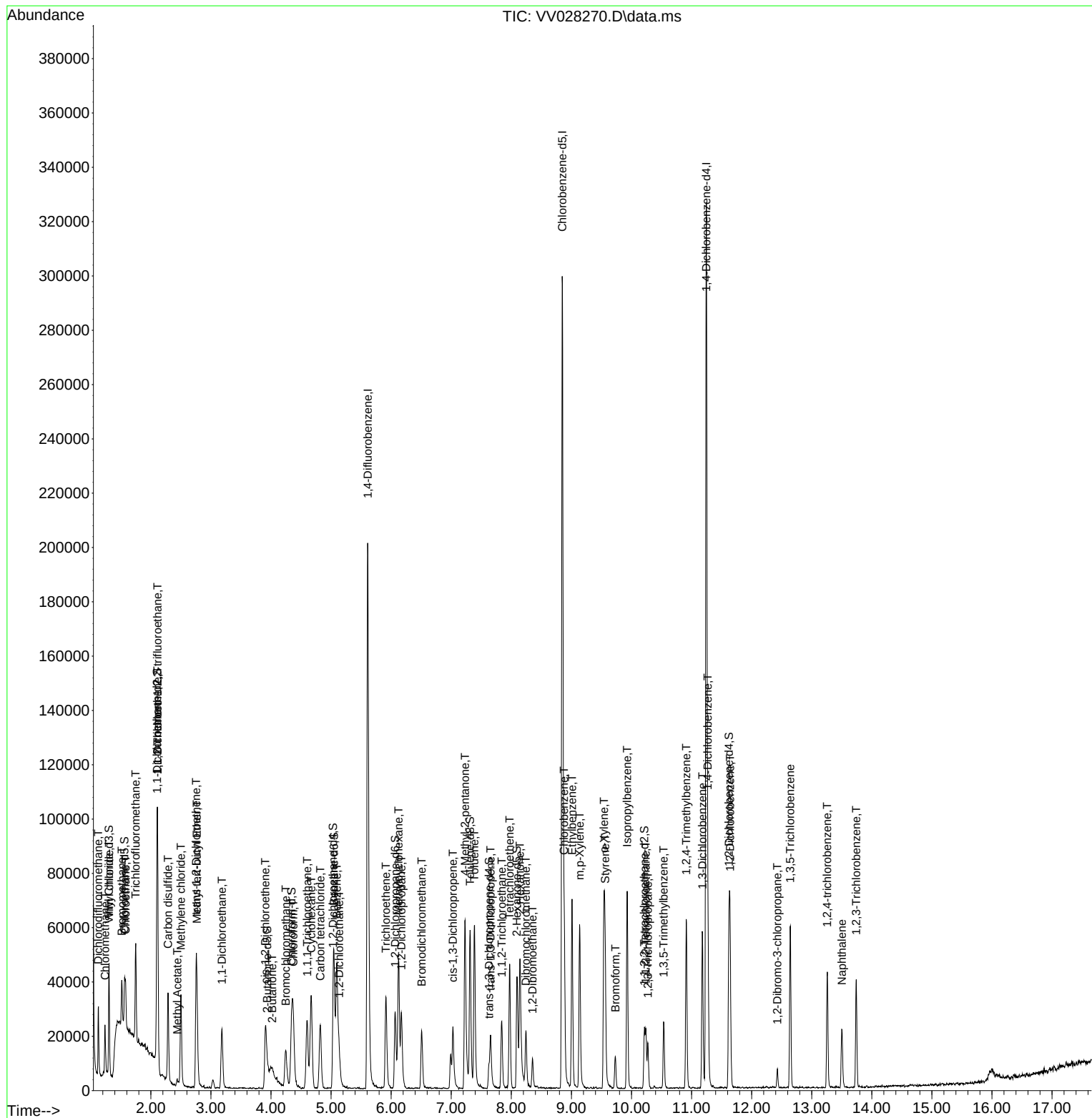
Quant Time: Oct 04 01:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
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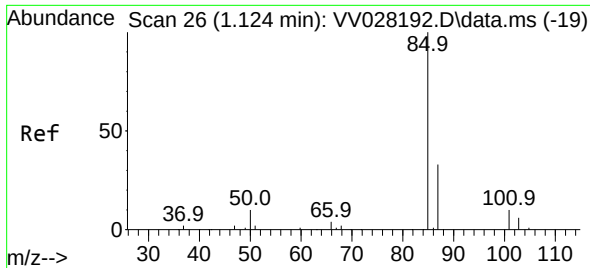
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.973	164	11401	1.151	ug/L	92
48) 2-Hexanone	8.143	43	31640	6.142	ug/L #	94
49) Dibromochloromethane	8.243	129	11024	0.979	ug/L	97
50) 1,2-Dibromoethane	8.352	107	7474	0.918	ug/L	95
51) Chlorobenzene	8.879	112	34163	0.980	ug/L	95
52) Ethylbenzene	9.011	91	49678	0.903	ug/L	98
53) m,p-Xylene	9.136	106	19316	0.916	ug/L	97
54) o-Xylene	9.542	106	17400	0.836	ug/L	98
55) Styrene	9.561	104	28694	0.796	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.236	83	9889	0.906	ug/L #	97
59) Bromoform	9.731	173	5474	0.950	ug/L	99
60) Isopropylbenzene	9.927	105	47083	0.884	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	6983	0.918	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	13791	0.919	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	35179	0.839	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	24989	0.943	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	25025	0.944	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	22543	0.901	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1638	0.982	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	20032	0.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	14613	0.871	ug/L	99
71) Naphthalene	13.503	128	19797	0.721	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	13016	0.858	ug/L	97

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

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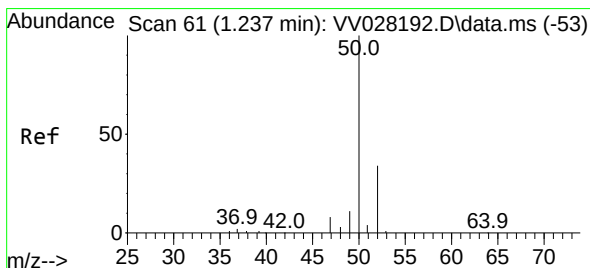
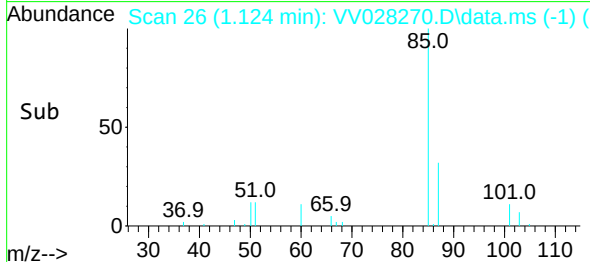
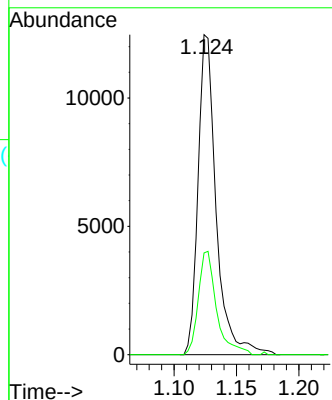
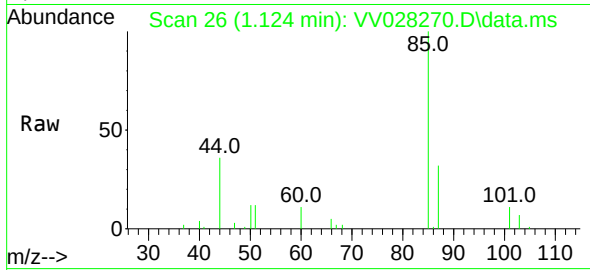




#2
 Dichlorodifluoromethane
 Concen: 0.916 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

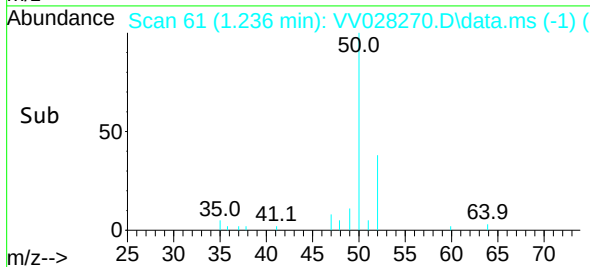
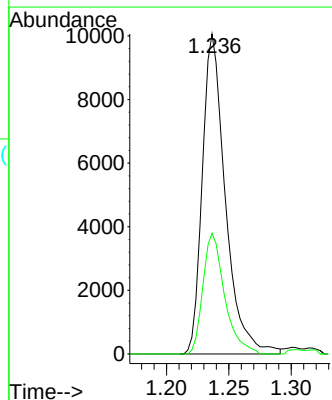
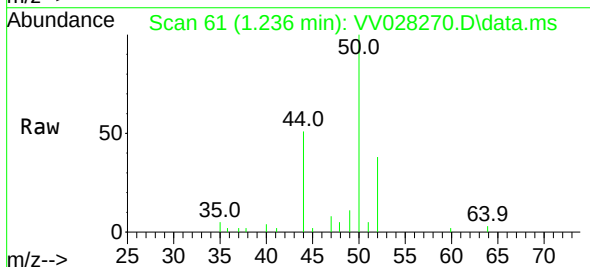
Instrument :
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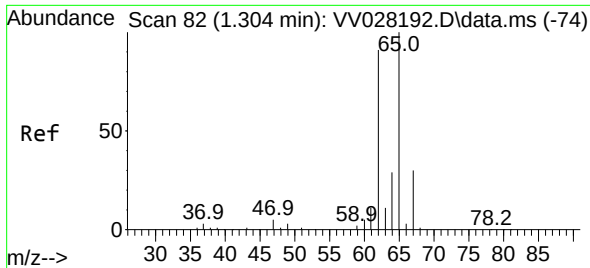
Tgt Ion: 85 Resp: 12590
 Ion Ratio Lower Upper
 85 100
 87 32.6 22.8 34.2



#3
 Chloromethane
 Concen: 0.710 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

Tgt Ion: 50 Resp: 12920
 Ion Ratio Lower Upper
 50 100
 52 37.8 24.4 45.2

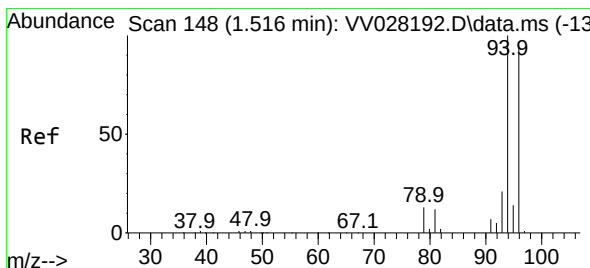
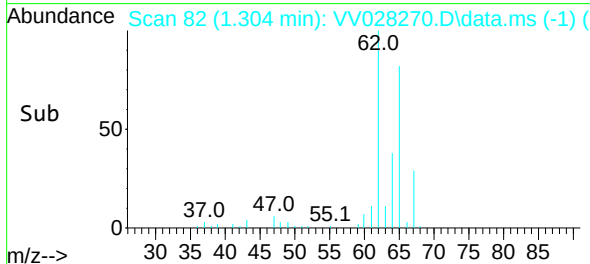
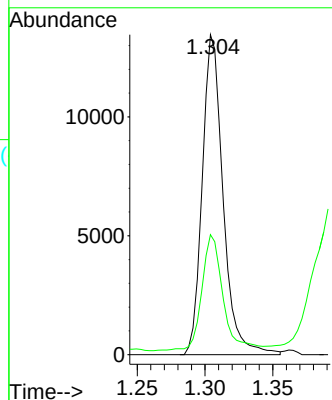
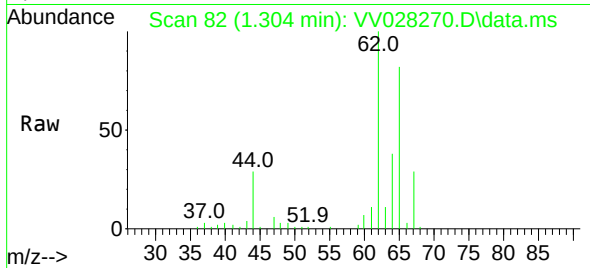




#5
 Vinyl chloride
 Concen: 1.007 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

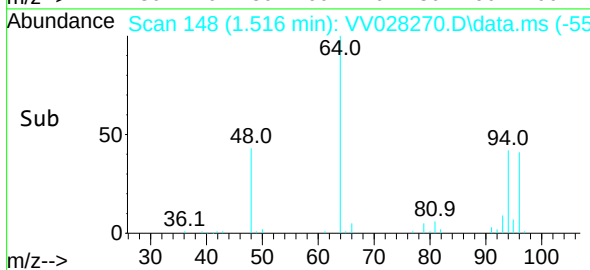
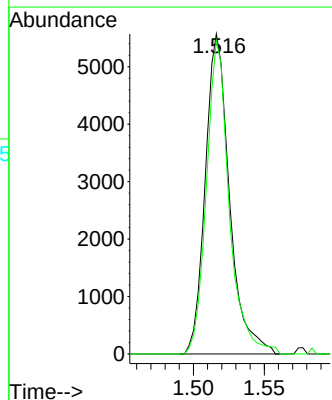
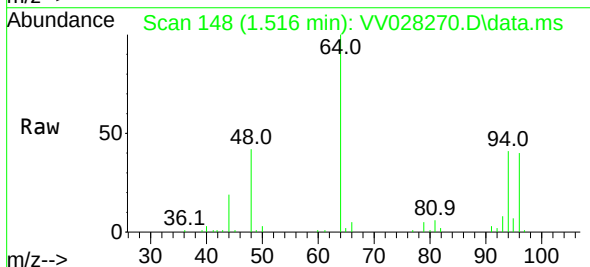
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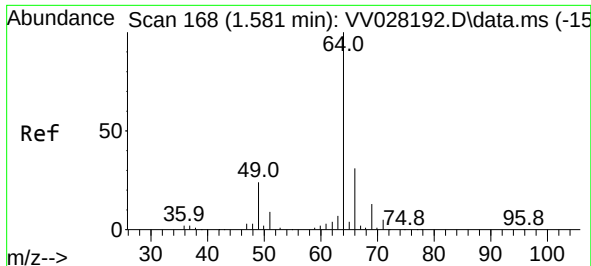
Tgt Ion: 62 Resp: 14363
 Ion Ratio Lower Upper
 62 100
 64 37.5 23.0 42.8



#6
 Bromomethane
 Concen: 0.712 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

Tgt Ion: 94 Resp: 6615
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.7 123.9





#8

Chloroethane

Concen: 1.108 ug/L

RT: 1.577 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

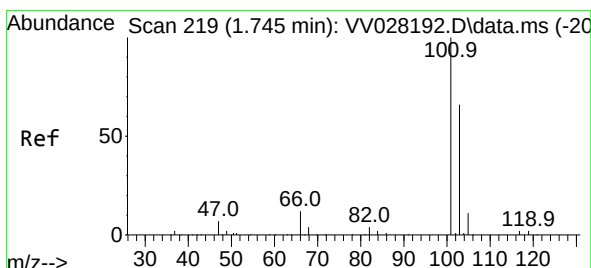
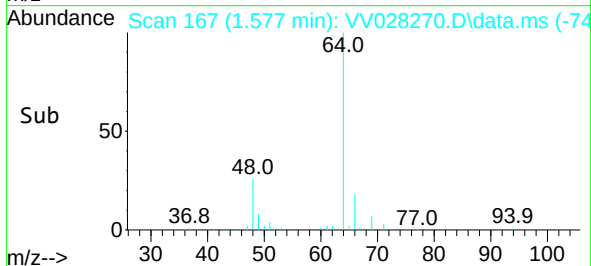
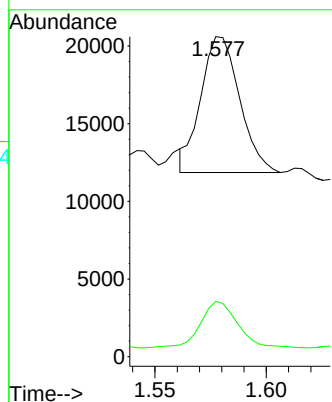
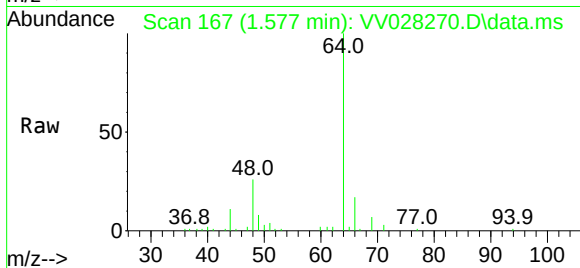
VSTD001253

Tgt Ion: 64 Resp: 10600

Ion Ratio Lower Upper

64 100

66 17.3 23.0 42.8#



#9

Trichlorofluoromethane

Concen: 0.954 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.003 min

Lab File: VV028270.D

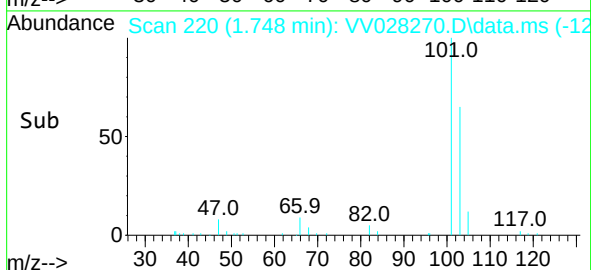
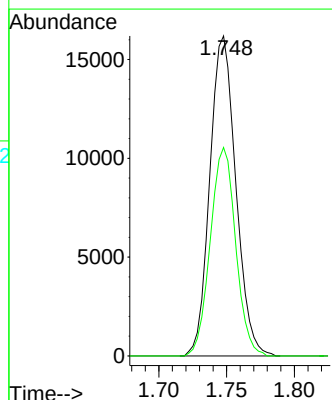
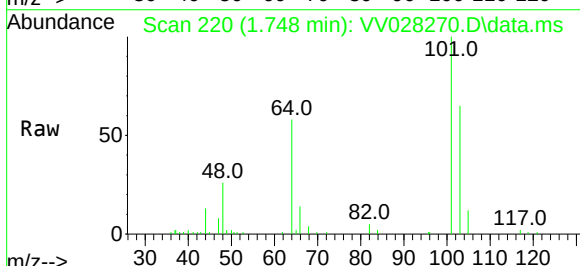
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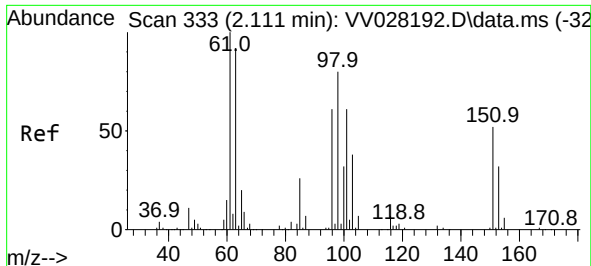
Tgt Ion:101 Resp: 21612

Ion Ratio Lower Upper

101 100

103 63.5 51.4 77.0

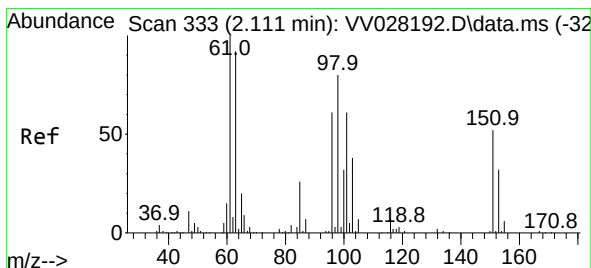
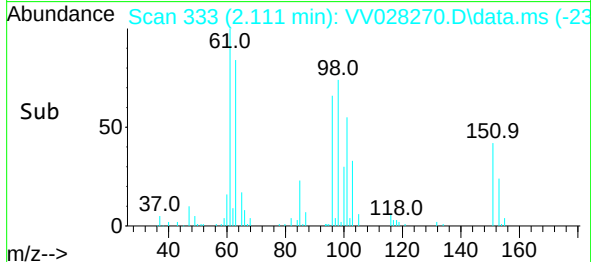
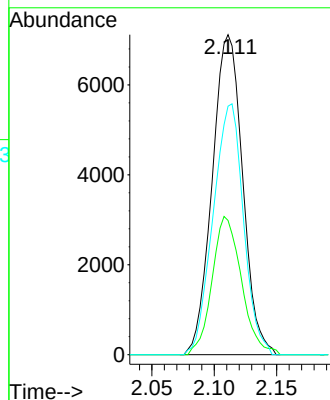
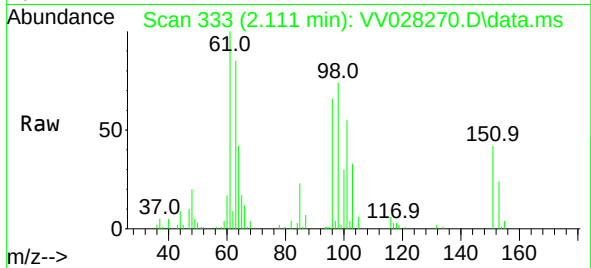




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.926 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

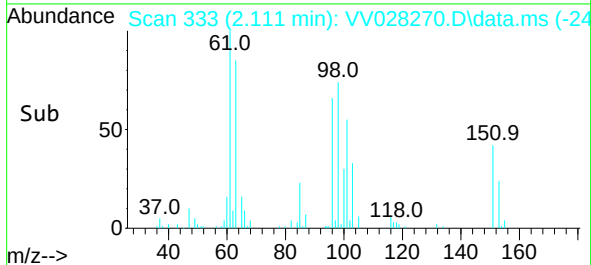
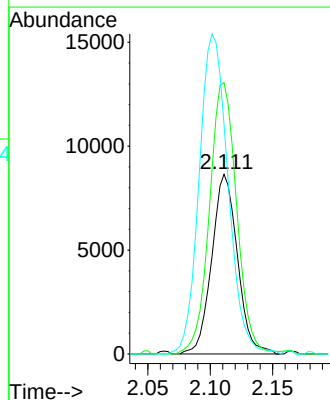
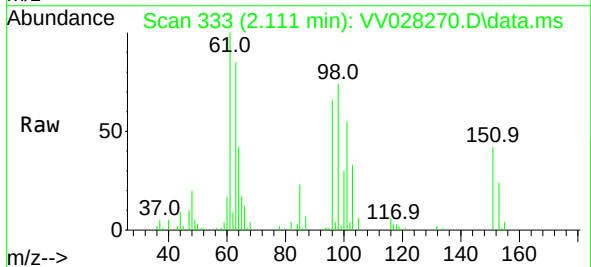
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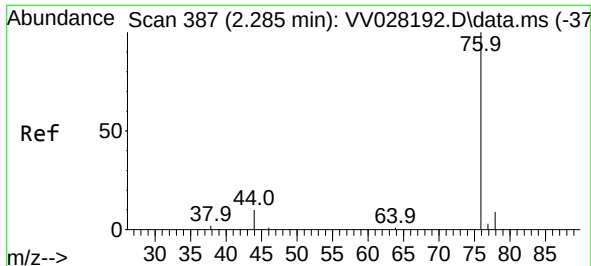
Tgt Ion:101 Resp: 12095
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.4 51.6
 151 78.2 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 0.976 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

Tgt Ion: 96 Resp: 12413
 Ion Ratio Lower Upper
 96 100
 61 151.1 128.3 238.3
 63 127.8 112.7 209.3

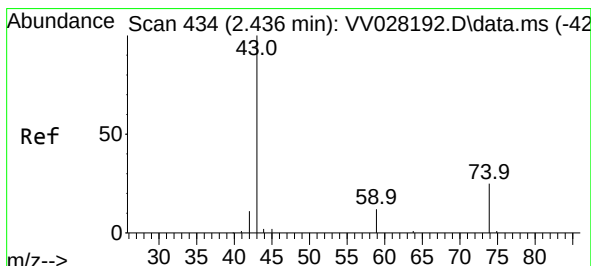
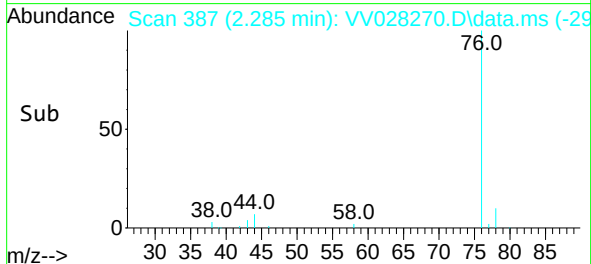
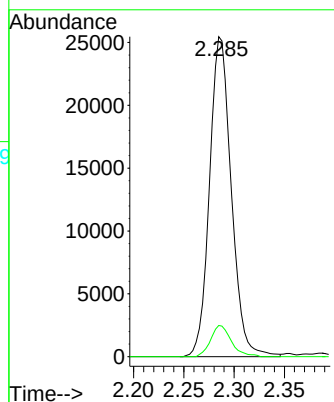
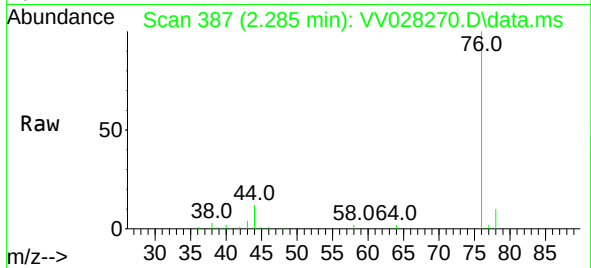




#14
Carbon disulfide
Concen: 1.573 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

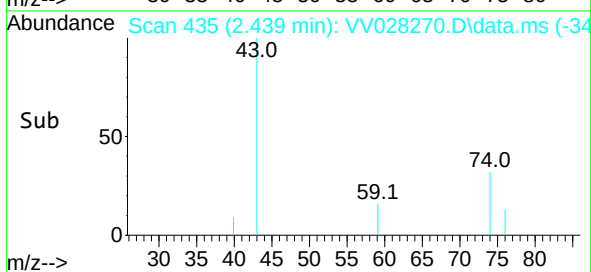
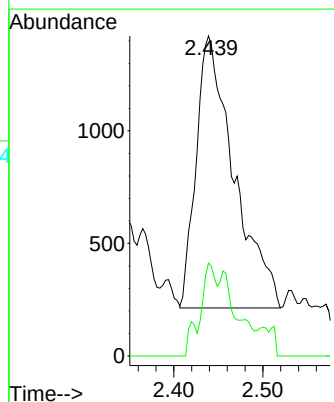
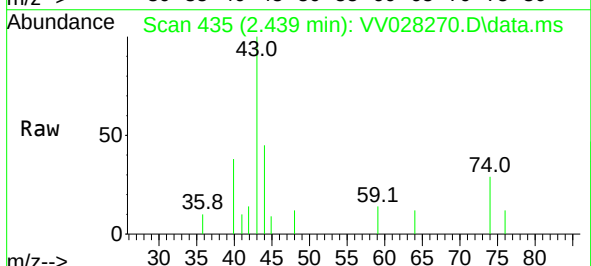
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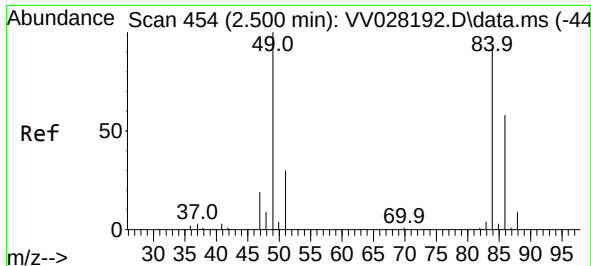
Tgt Ion: 76 Resp: 38380
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#15
Methyl Acetate
Concen: 0.742 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.007 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

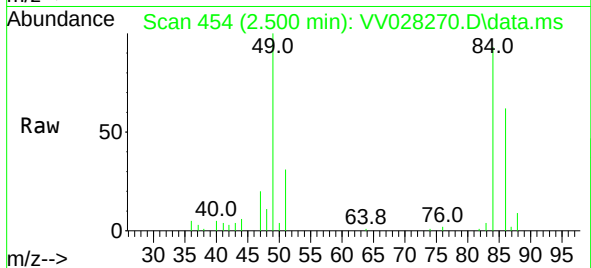
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74 12.0 16.9 25.3#





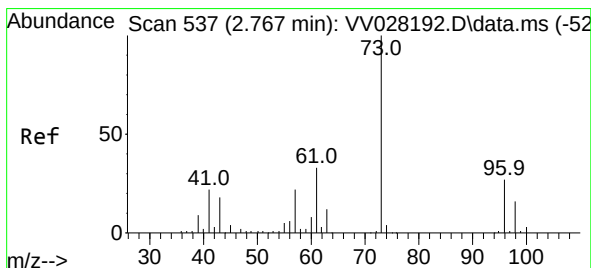
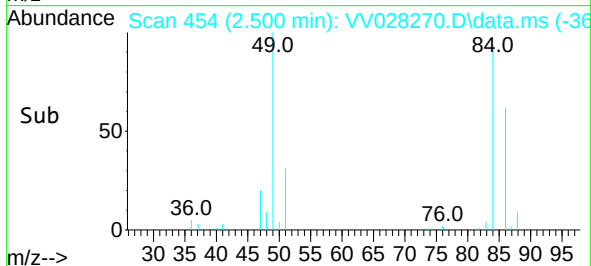
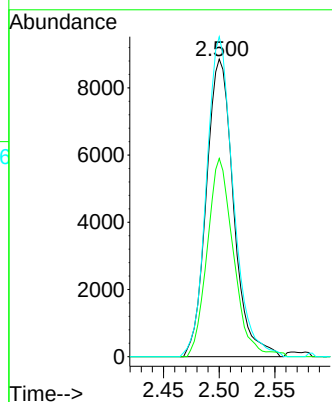
#16
Methylene chloride
Concen: 1.058 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028270.D
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Tgt Ion: 84 Resp: 15014

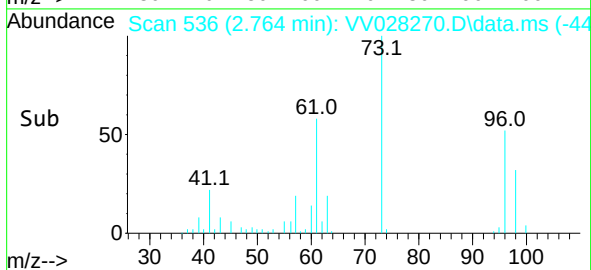
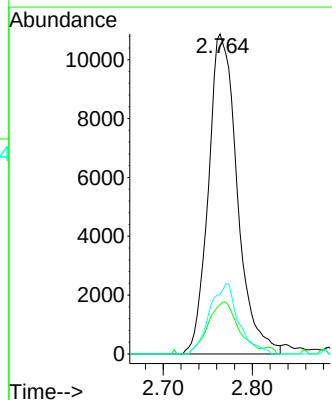
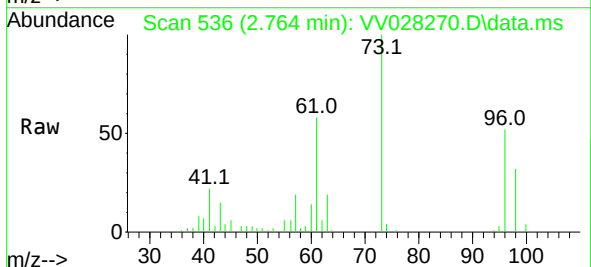
Ion	Ratio	Lower	Upper
84	100		
86	66.6	46.8	86.8
49	107.5	87.5	162.5

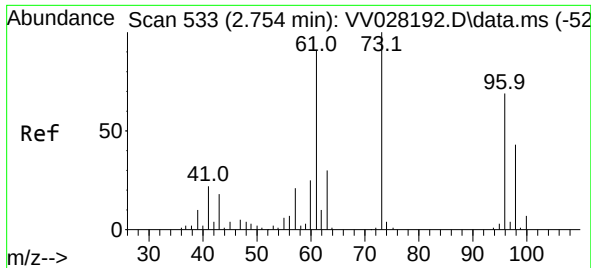


#17
Methyl tert-butyl Ether
Concen: 0.895 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 73 Resp: 24474

Ion	Ratio	Lower	Upper
73	100		
43	17.1	15.7	23.5
57	22.0	17.8	26.8

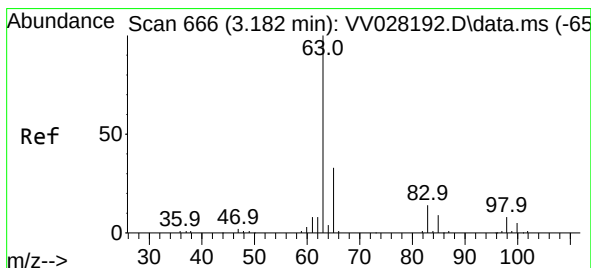
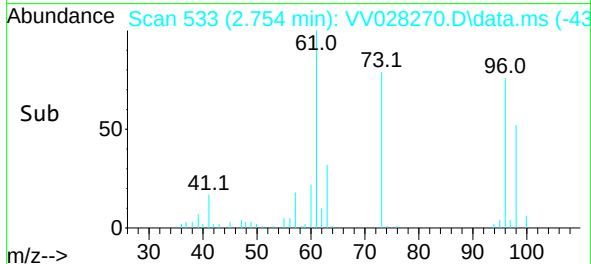
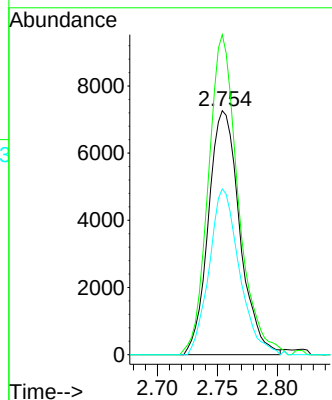
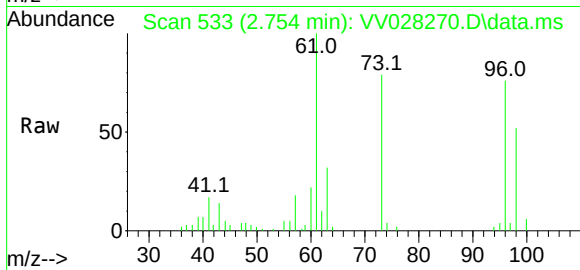




#18
trans-1,2-Dichloroethene
Concen: 1.186 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

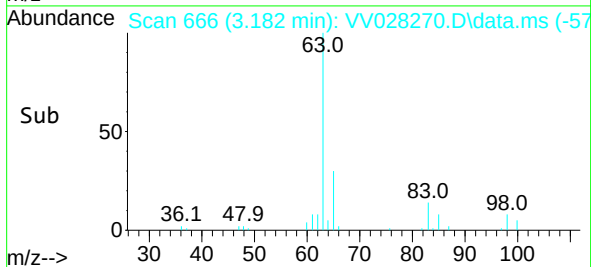
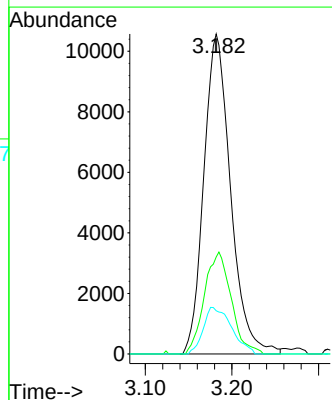
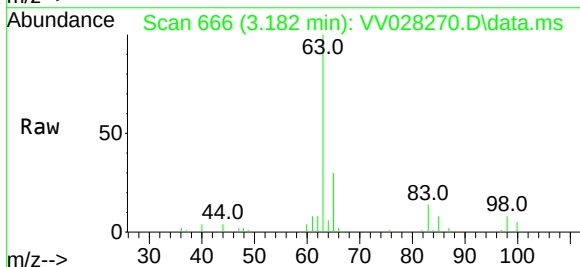
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

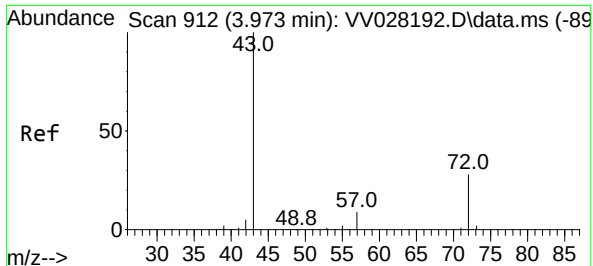
Tgt Ion:	96	Resp:	13199
Ion	Ratio	Lower	Upper
96	100		
61	131.2	96.2	178.6
98	67.9	45.7	84.9



#19
1,1-Dichloroethane
Concen: 0.935 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion:	63	Resp:	22696
Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.0	42.8
83	13.5	9.2	17.2

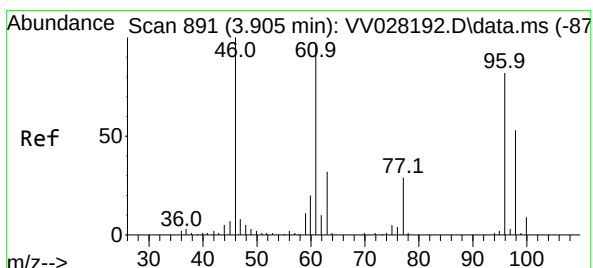
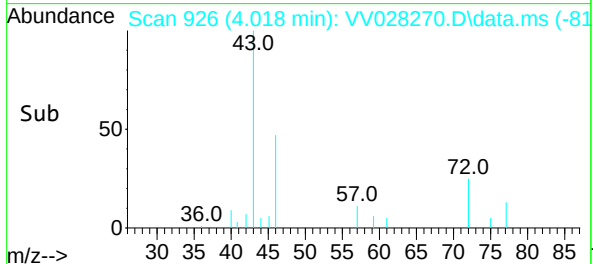
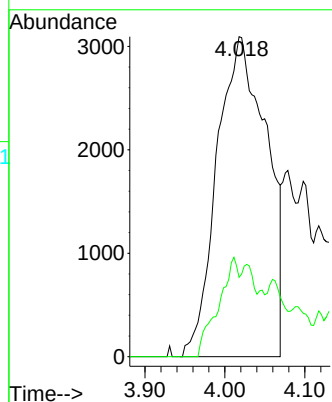
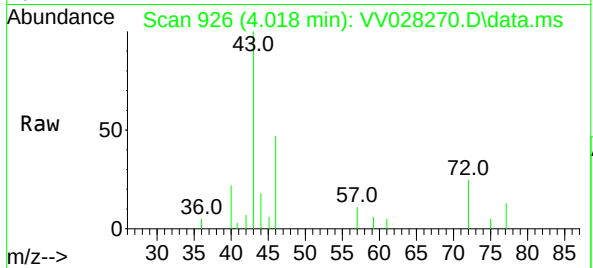




#21
2-Butanone
Concen: 4.338 ug/L
RT: 4.018 min Scan# 912
Delta R.T. 0.048 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

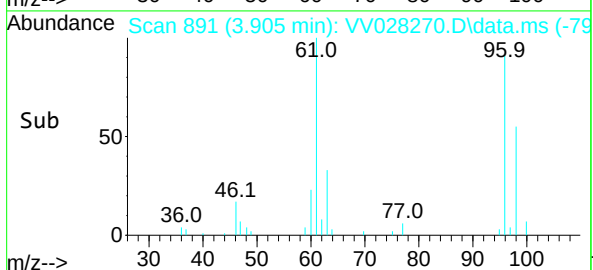
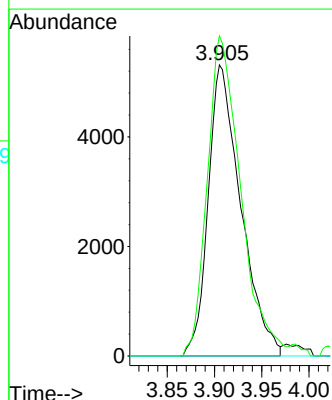
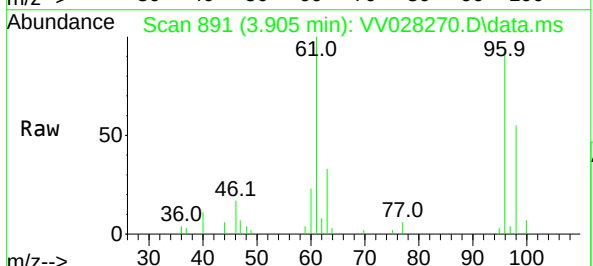
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

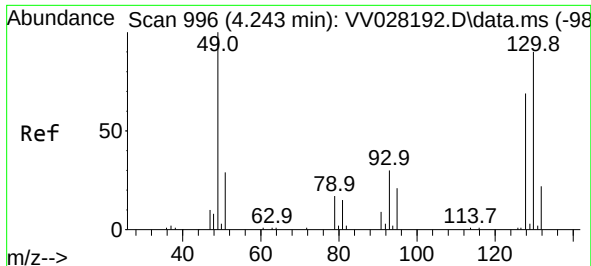
Tgt Ion: 43 Resp: 13323
Ion Ratio Lower Upper
43 100
72 12.7 12.7 38.1#



#22
cis-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 96 Resp: 12739
Ion Ratio Lower Upper
96 100
61 110.0 87.2 161.9
68 0.0 0.0 0.0

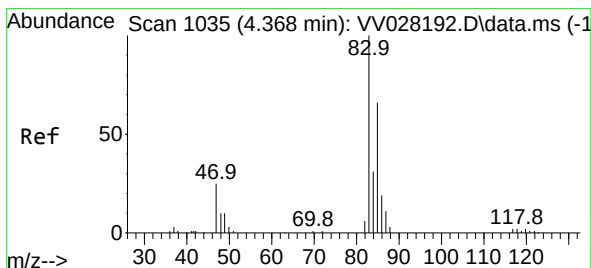
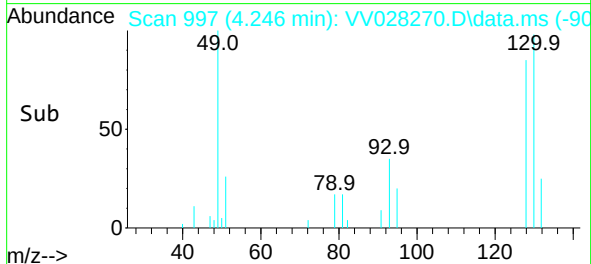
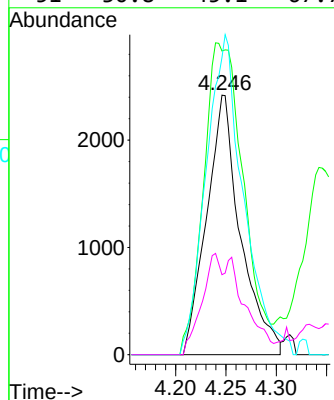
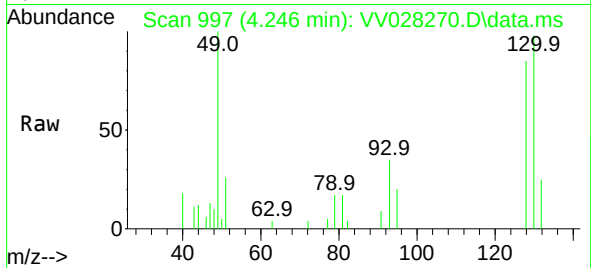




#23
Bromochloromethane
Concen: 0.967 ug/L
RT: 4.246 min Scan# 996
Delta R.T. 0.007 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

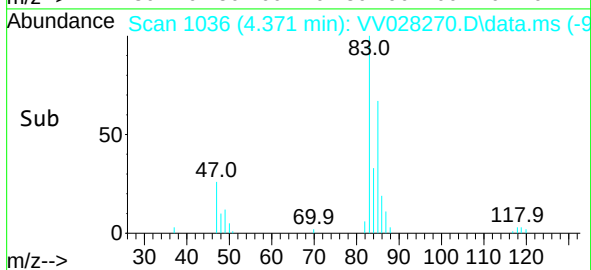
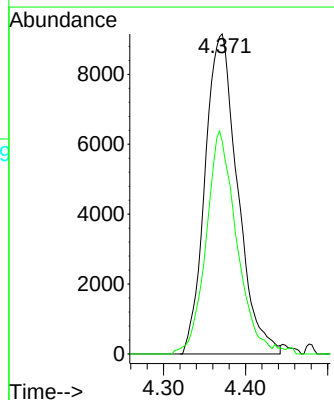
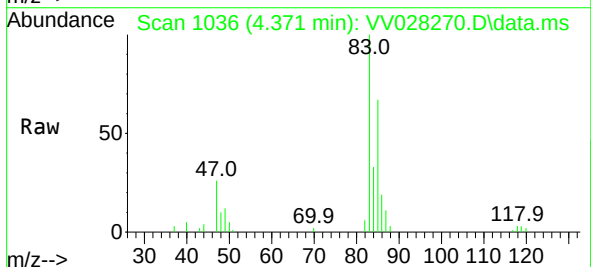
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

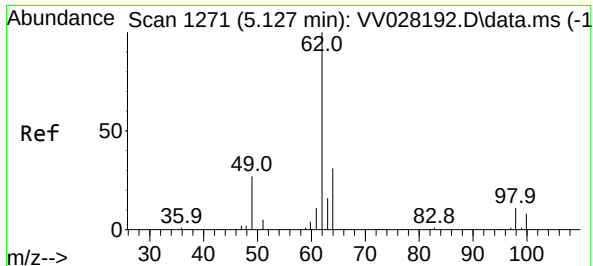
Tgt Ion:128 Resp: 5653
Ion Ratio Lower Upper
128 100
49 117.0 119.9 222.7#
130 114.5 94.6 175.8
51 30.8 45.1 67.7#



#25
Chloroform
Concen: 0.966 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 83 Resp: 25184
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.951 ug/L

RT: 5.133 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

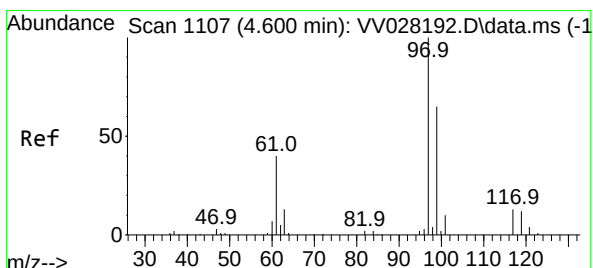
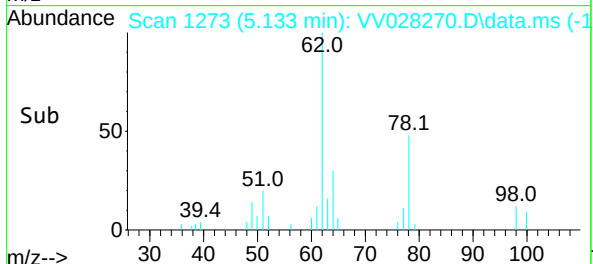
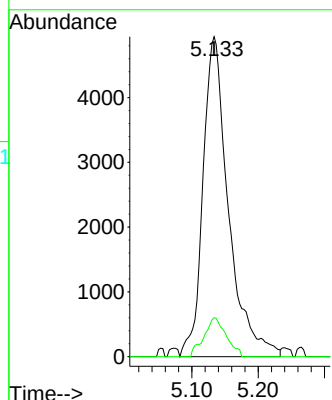
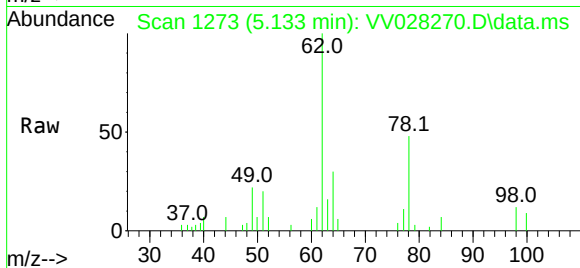
VSTD001253

Tgt Ion: 62 Resp: 13207

Ion Ratio Lower Upper

62 100

98 12.2 6.7 10.1#



#29

1,1,1-Trichloroethane

Concen: 0.941 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

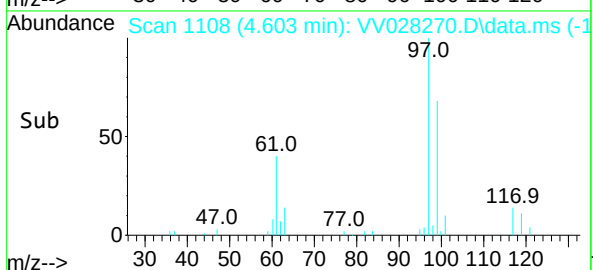
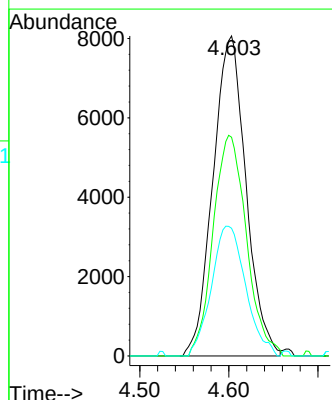
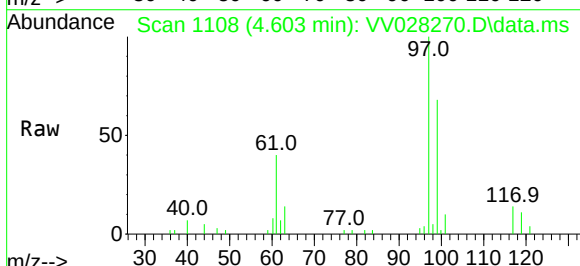
Tgt Ion: 97 Resp: 20759

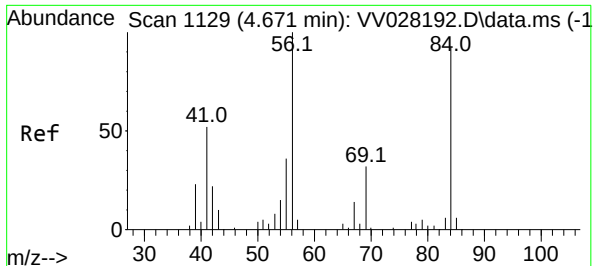
Ion Ratio Lower Upper

97 100

99 69.4 51.9 77.9

61 42.0 34.8 52.2

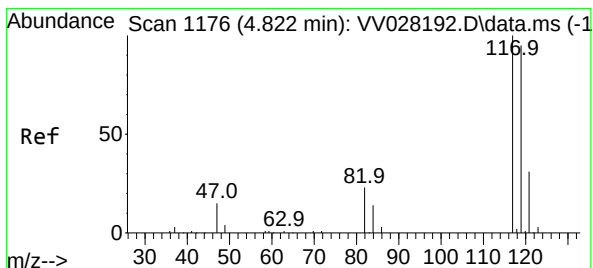
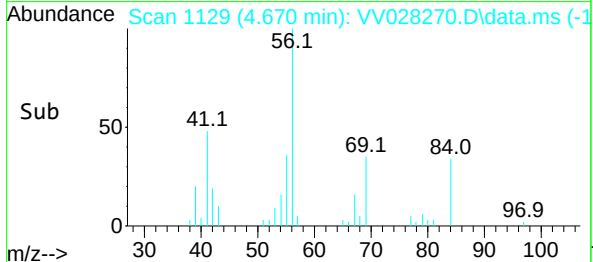
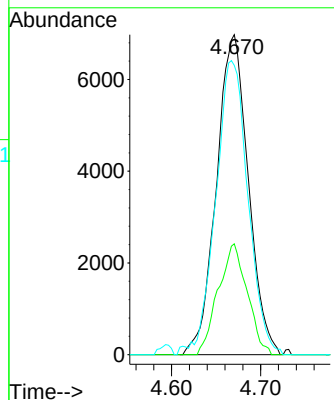
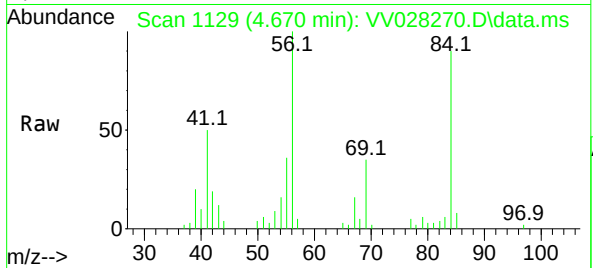




#30
Cyclohexane
Concen: 1.089 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

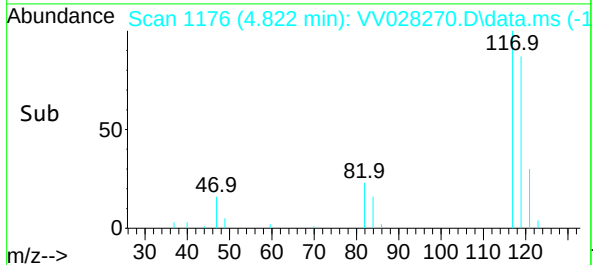
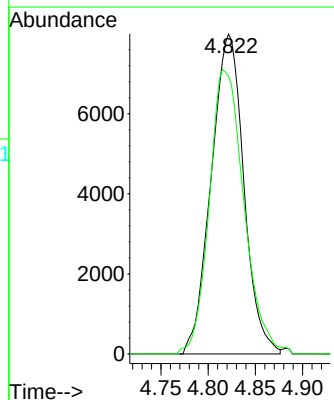
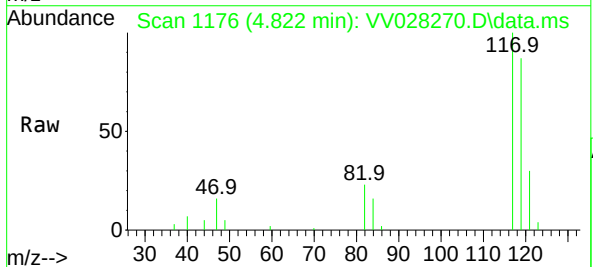
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

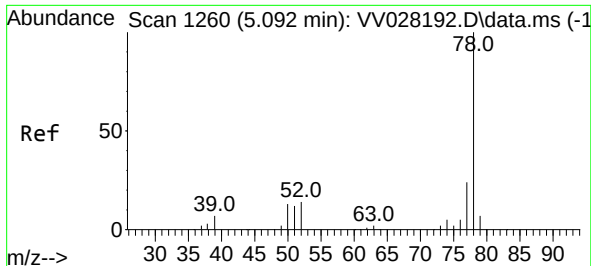
Tgt Ion:	56	Resp:	17369
Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.7	35.5
84	93.0	67.3	100.9



#31
Carbon tetrachloride
Concen: 1.056 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion:	117	Resp:	19156
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.9	115.3

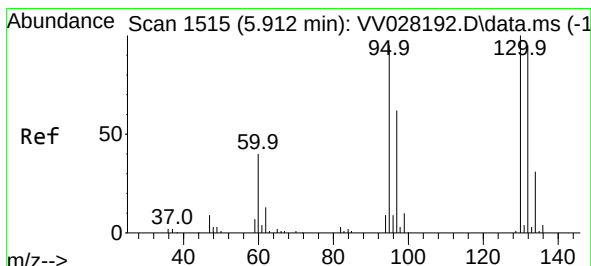
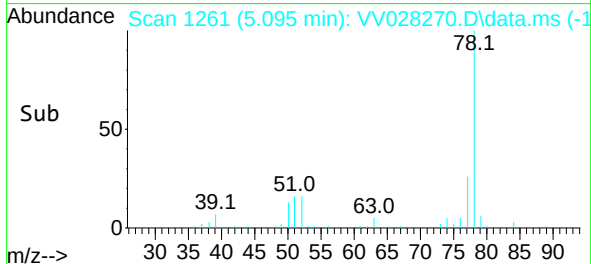
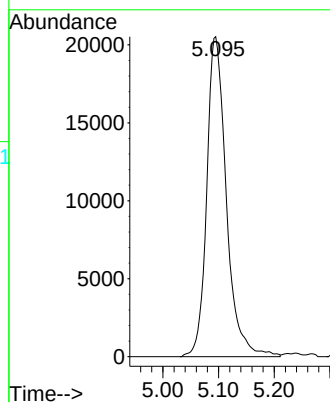
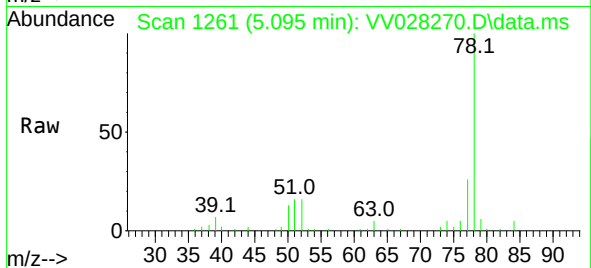




#33
Benzene
Concen: 1.007 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

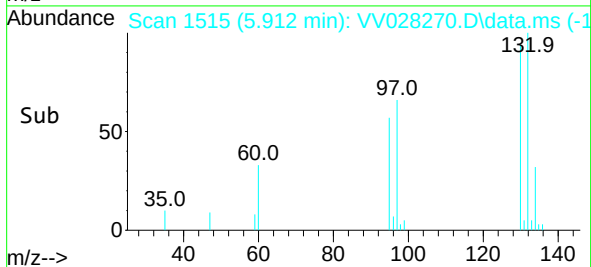
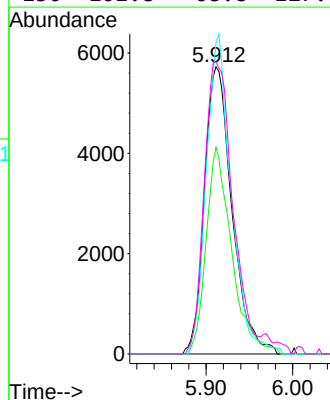
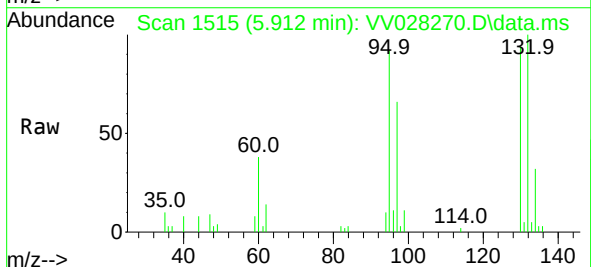
Tgt Ion: 78 Resp: 50170

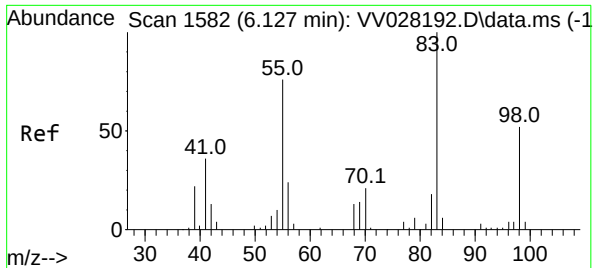


#34
Trichloroethene
Concen: 1.016 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 95 Resp: 12606

Ion	Ratio	Lower	Upper
95	100		
97	71.9	44.2	82.0
132	108.5	67.8	126.0
130	101.8	68.8	127.8

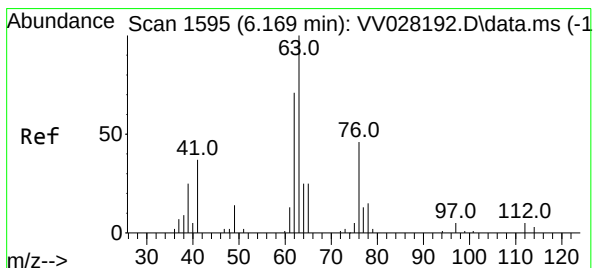
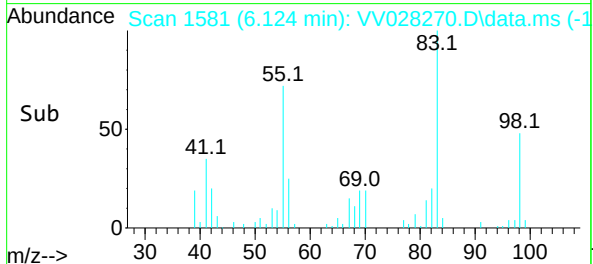
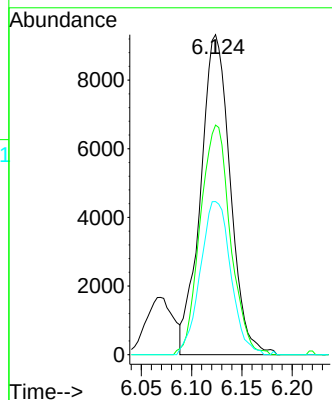
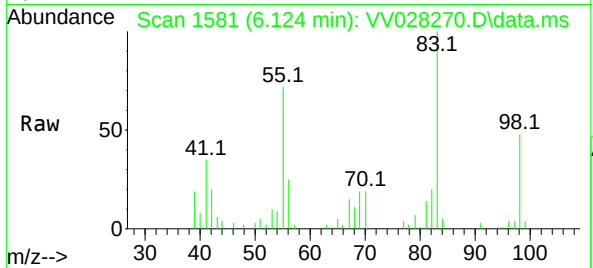




#35
Methylcyclohexane
Concen: 1.125 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

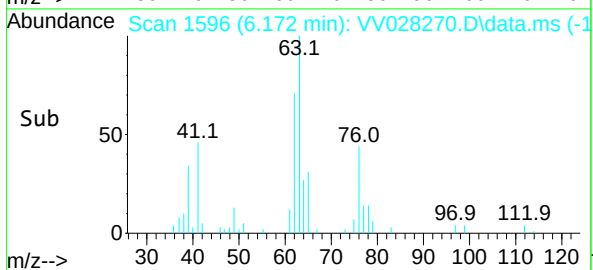
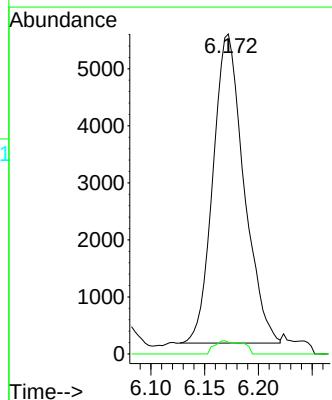
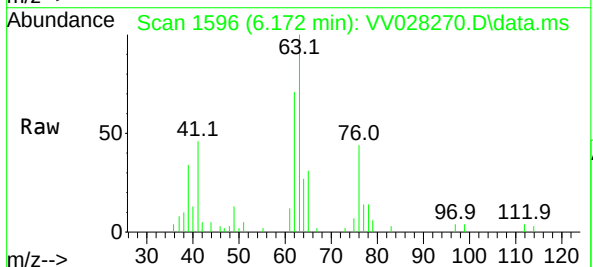
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

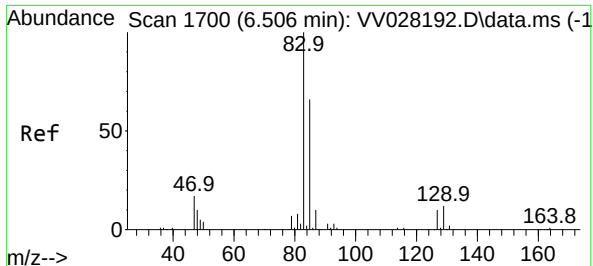
Tgt Ion: 83 Resp: 19134
Ion Ratio Lower Upper
83 100
55 72.8 64.7 97.1
98 49.0 39.5 59.3



#37
1,2-Dichloropropane
Concen: 0.776 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 63 Resp: 10848
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3

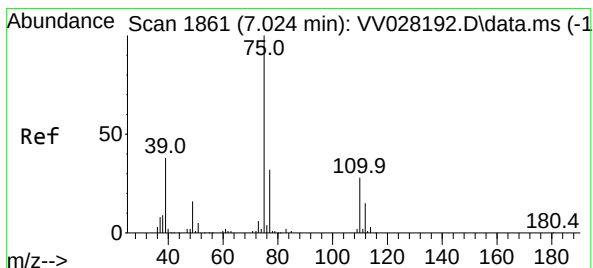
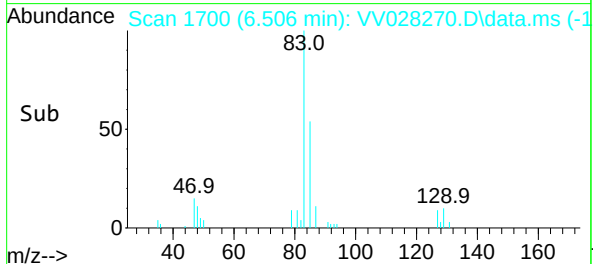
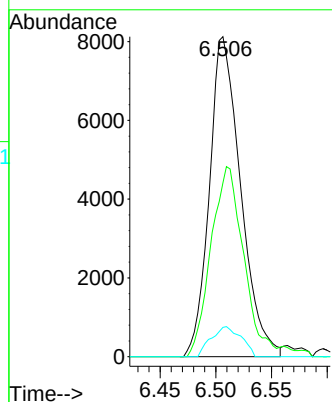
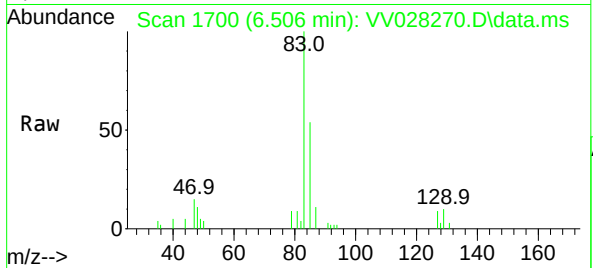




#38
Bromodichloromethane
Concen: 0.920 ug/L
RT: 6.506 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

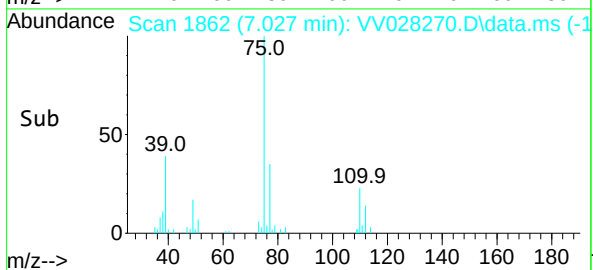
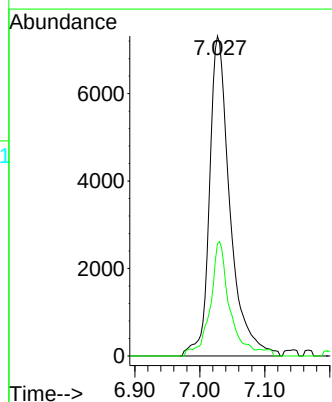
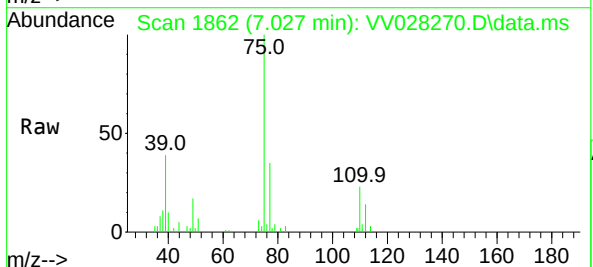
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

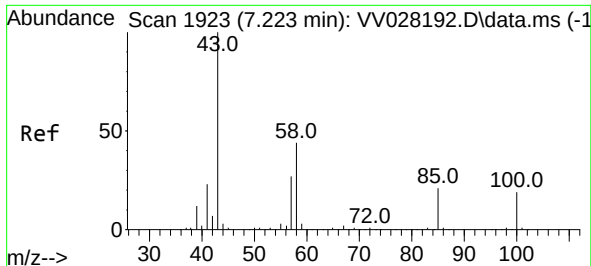
Tgt Ion: 83 Resp: 15877
Ion Ratio Lower Upper
83 100
85 54.3 43.8 81.4
127 9.1 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 75 Resp: 16045
Ion Ratio Lower Upper
75 100
77 35.0 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 6.922 ug/L

RT: 7.230 min Scan# 1923

Delta R.T. 0.007 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD001253

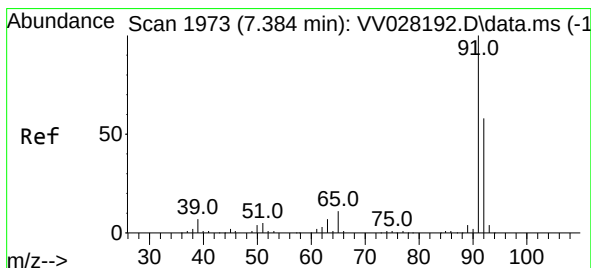
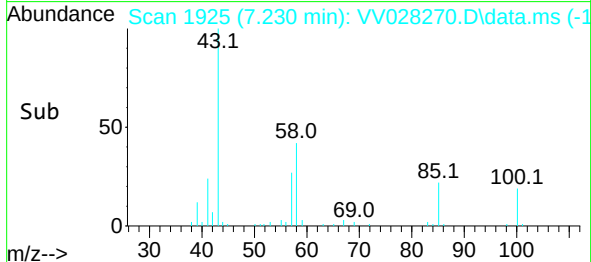
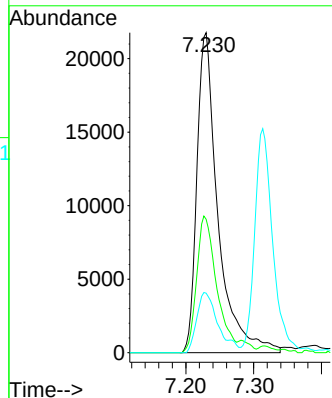
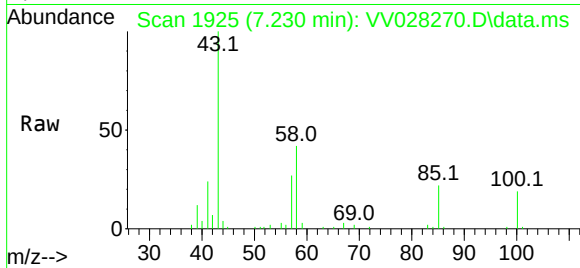
Tgt Ion: 43 Resp: 46969

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4

100 19.0 12.7 19.1



#42

Toluene

Concen: 0.942 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV028270.D

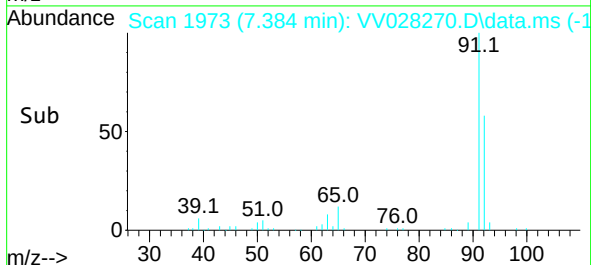
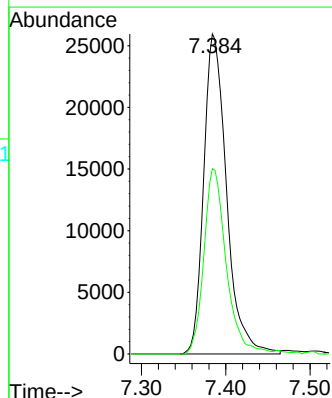
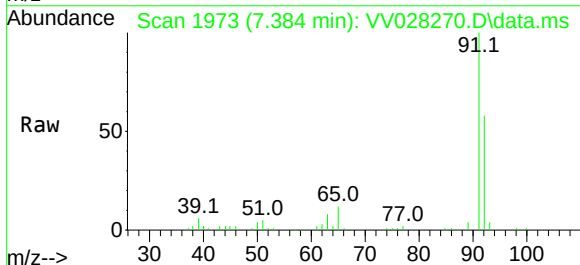
Acq: 03 Oct 2022 10:53

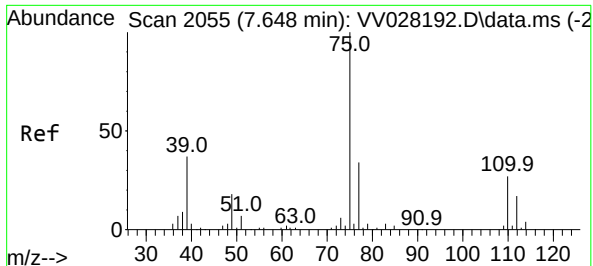
Tgt Ion: 91 Resp: 48963

Ion Ratio Lower Upper

91 100

92 57.9 40.2 74.6

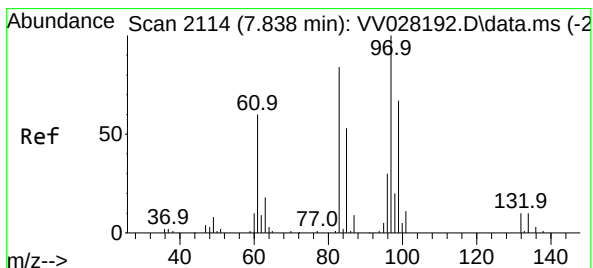
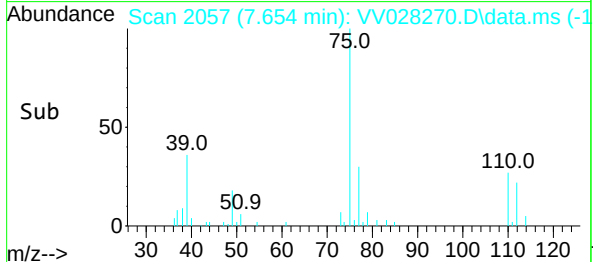
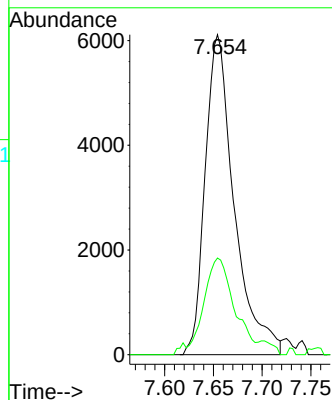
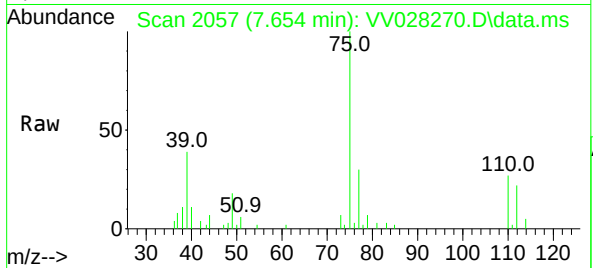




#44
trans-1,3-Dichloropropene
Concen: 0.850 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

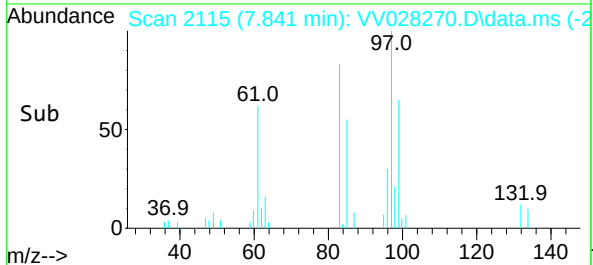
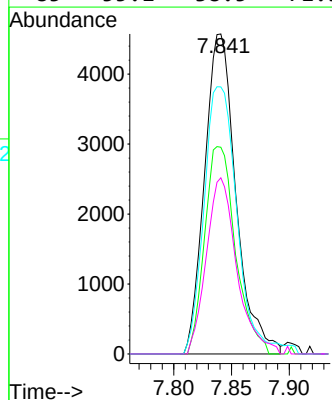
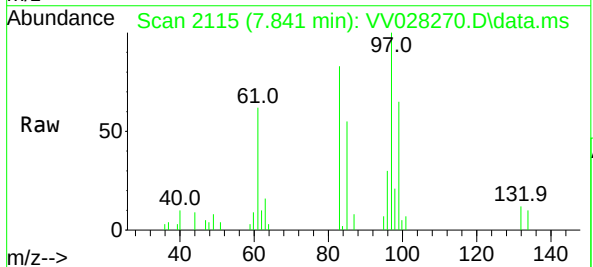
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

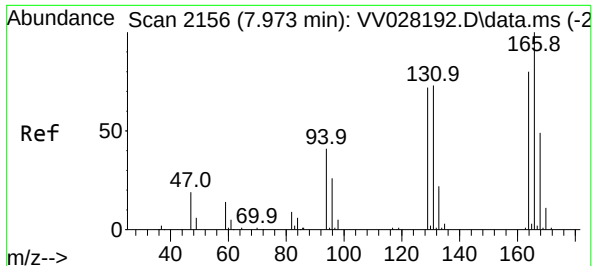
Tgt Ion: 75 Resp: 12681
Ion Ratio Lower Upper
75 100
77 30.2 23.9 44.3



#45
1,1,2-Trichloroethane
Concen: 0.924 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

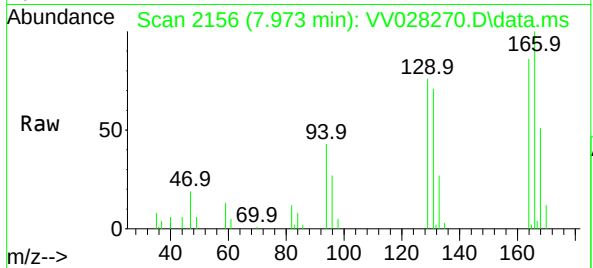
Tgt Ion: 97 Resp: 8654
Ion Ratio Lower Upper
97 100
99 64.6 43.2 80.2
83 83.4 59.1 109.9
85 55.1 38.5 71.5





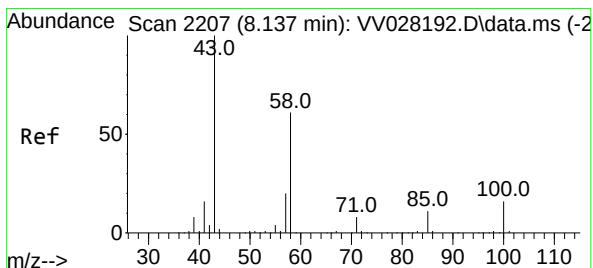
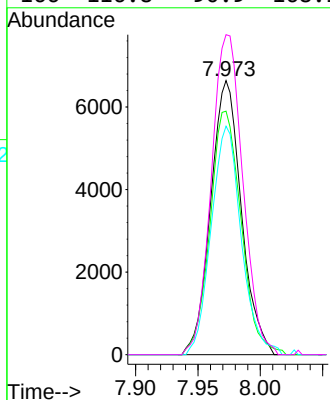
#47
Tetrachloroethene
Concen: 1.151 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

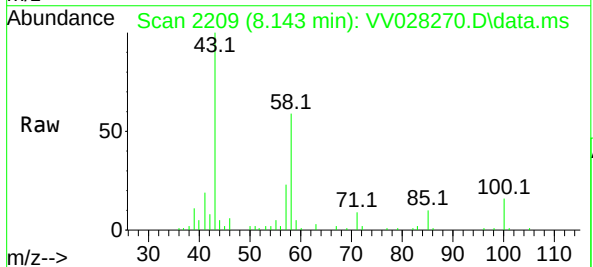


Tgt Ion:164 Resp: 11401

Ion	Ratio	Lower	Upper
164	100		
129	88.8	66.7	123.9
131	83.4	61.7	114.5
166	116.8	90.9	168.9

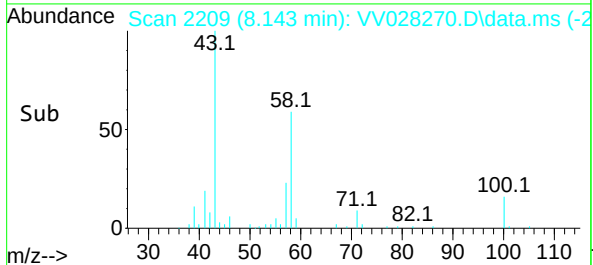
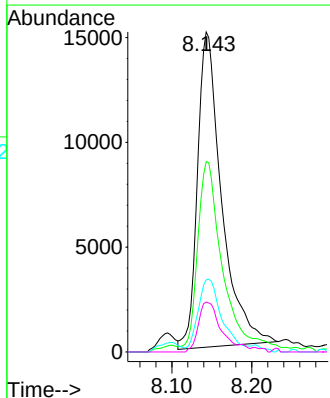


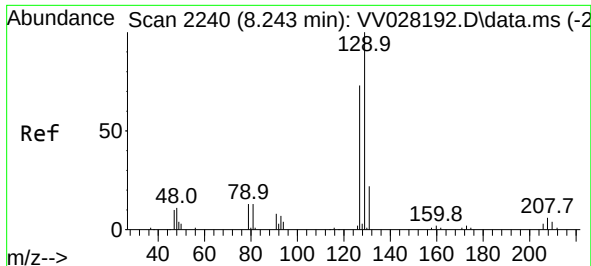
#48
2-Hexanone
Concen: 6.142 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.007 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53



Tgt Ion: 43 Resp: 31640

Ion	Ratio	Lower	Upper
43	100		
58	60.8	45.7	68.5
57	23.0	15.5	23.3
100	15.1	9.8	14.6





#49

Dibromochloromethane

Concen: 0.979 ug/L

RT: 8.243 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

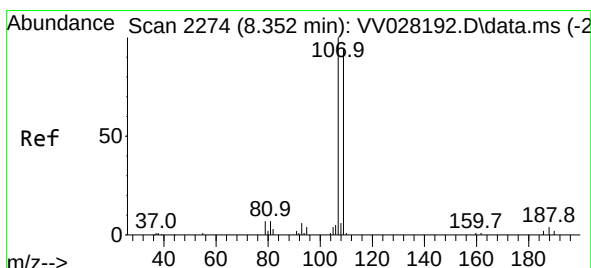
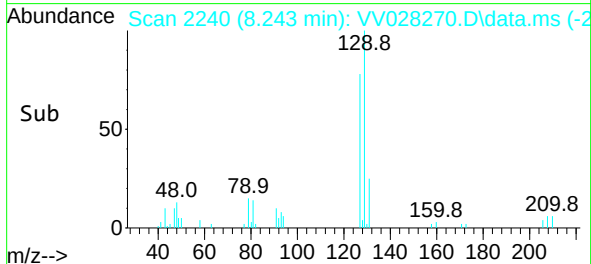
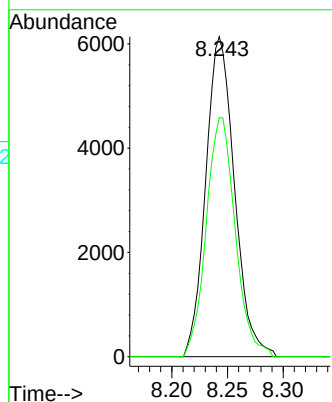
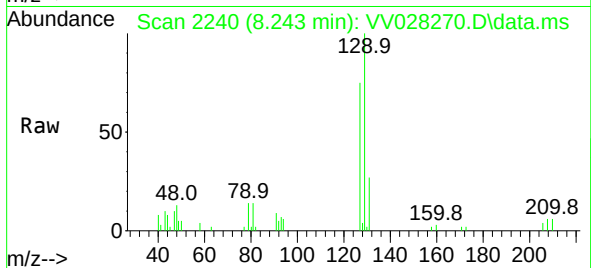
VSTD001253

Tgt Ion:129 Resp: 11024

Ion Ratio Lower Upper

129 100

127 74.7 54.3 100.9



#50

1,2-Dibromoethane

Concen: 0.918 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

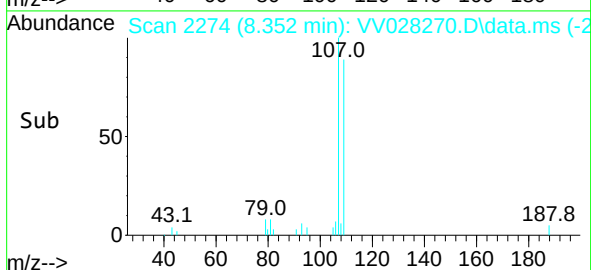
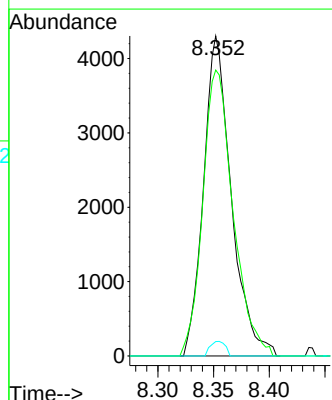
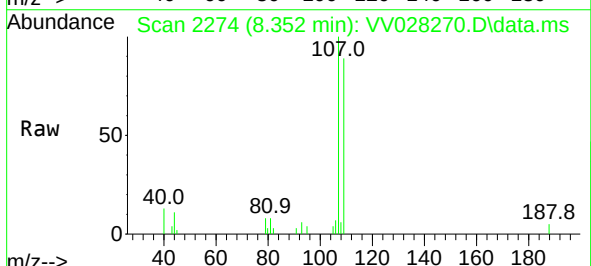
Tgt Ion:107 Resp: 7474

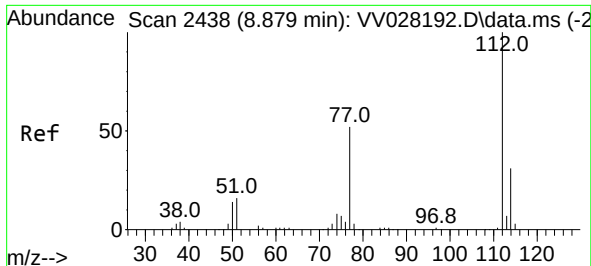
Ion Ratio Lower Upper

107 100

109 89.3 65.9 122.5

188 4.5 3.4 5.0

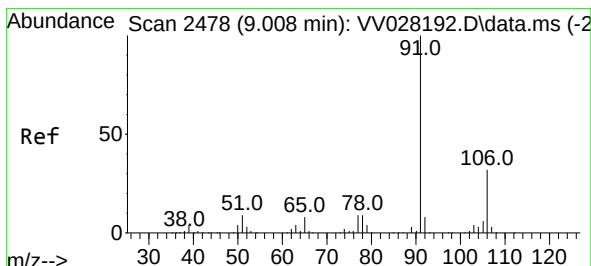
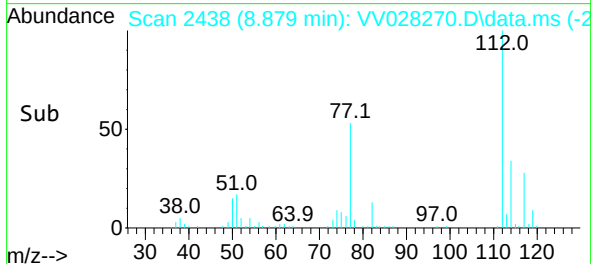
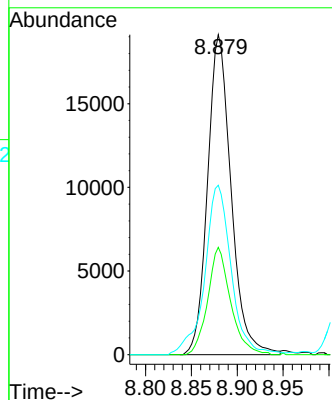
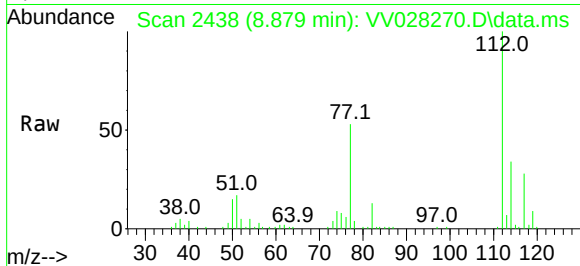




#51
Chlorobenzene
Concen: 0.980 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

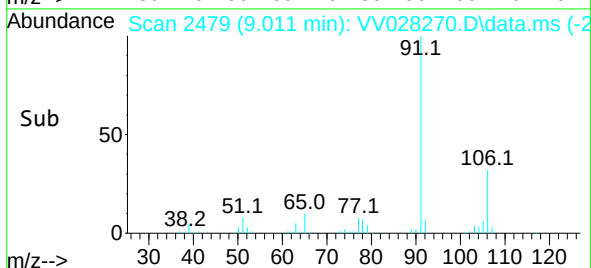
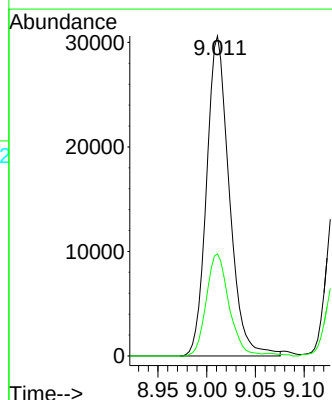
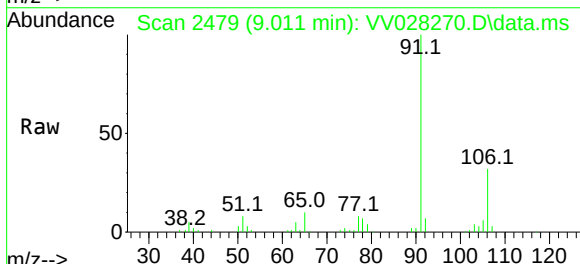
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

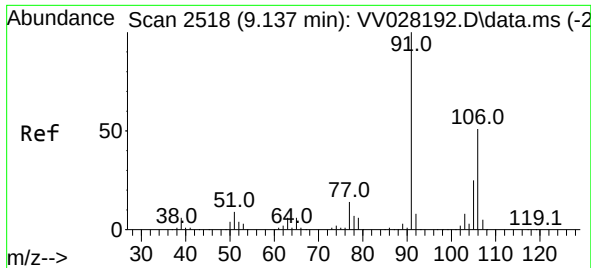
Tgt Ion:112 Resp: 34163
Ion Ratio Lower Upper
112 100
114 33.6 22.5 41.7
77 53.0 46.1 69.1



#52
Ethylbenzene
Concen: 0.903 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 91 Resp: 49678
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9

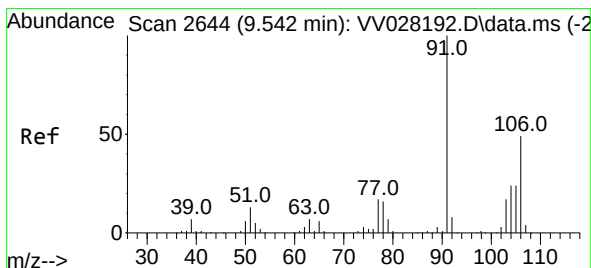
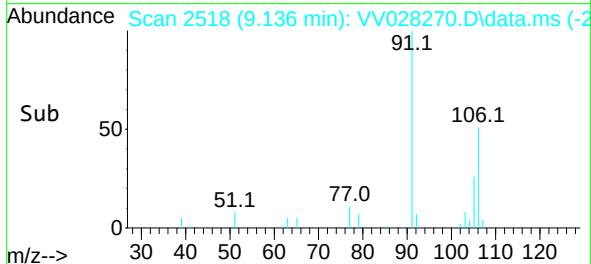
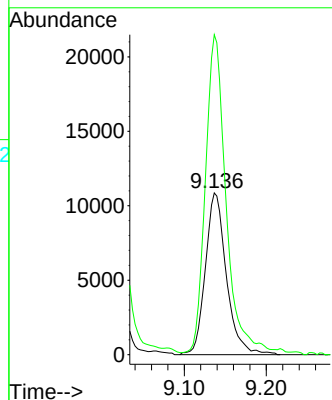
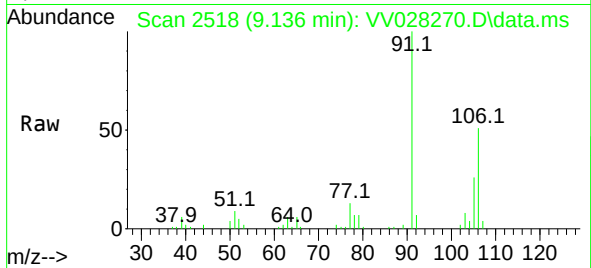




#53
m,p-Xylene
Concen: 0.916 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

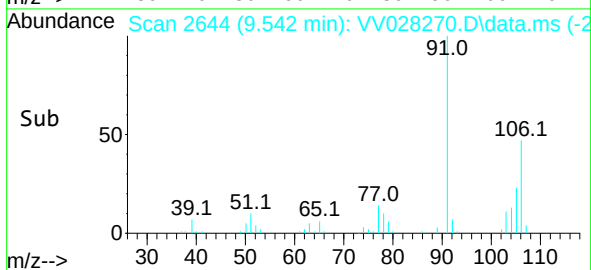
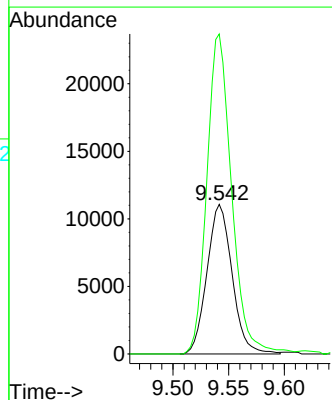
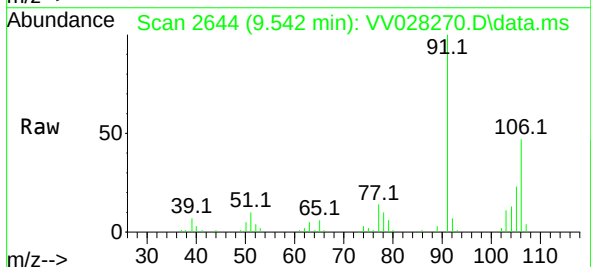
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

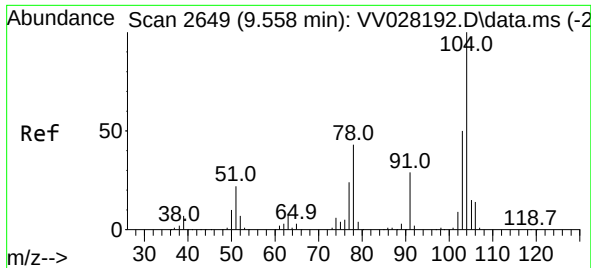
Tgt Ion:106 Resp: 19316
Ion Ratio Lower Upper
106 100
91 197.9 141.9 263.5



#54
o-Xylene
Concen: 0.836 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion:106 Resp: 17400
Ion Ratio Lower Upper
106 100
91 214.0 148.1 275.0

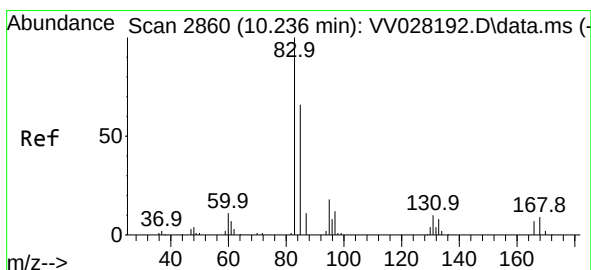
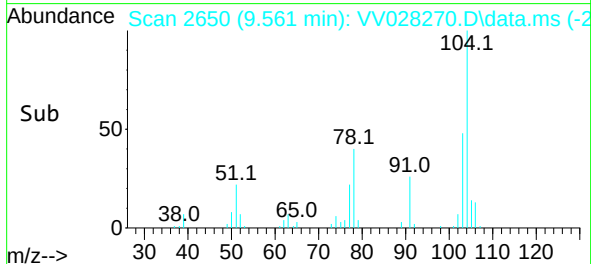
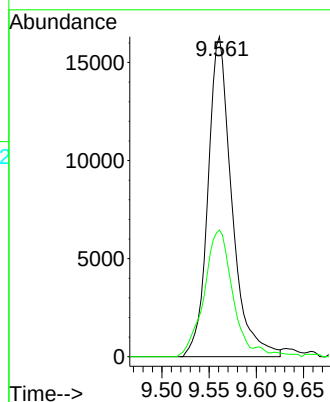
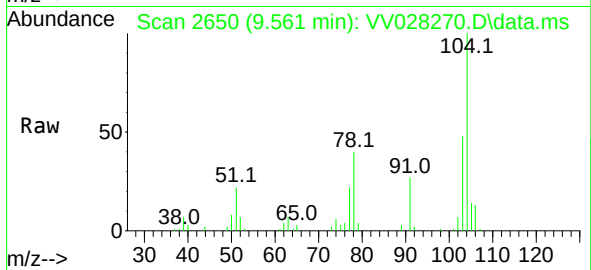




#55
Styrene
Concen: 0.796 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

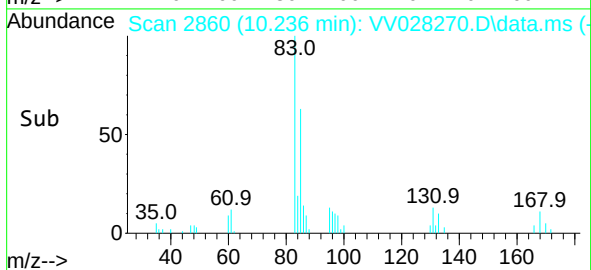
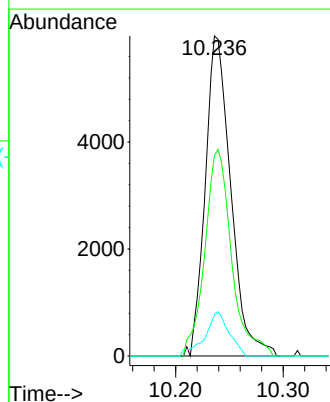
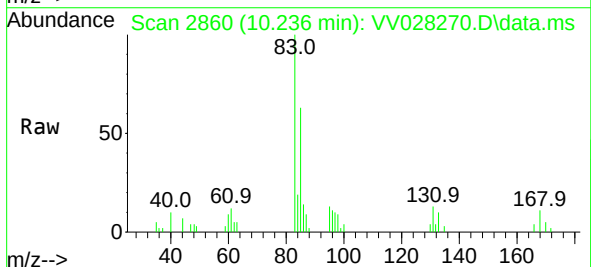
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

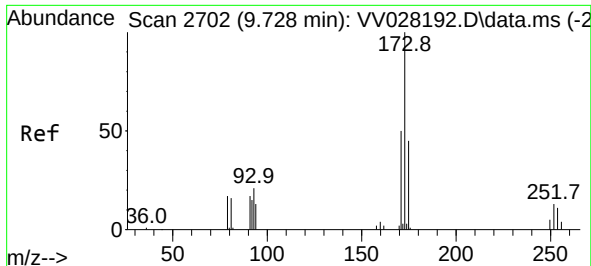
Tgt Ion:104 Resp: 28694
Ion Ratio Lower Upper
104 100
78 39.6 31.0 57.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.906 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 83 Resp: 9889
Ion Ratio Lower Upper
83 100
85 62.7 45.2 84.0
131 12.8 7.8 11.8#

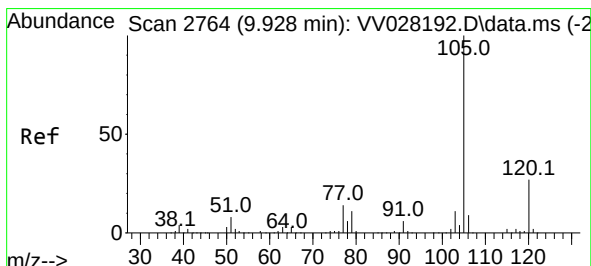
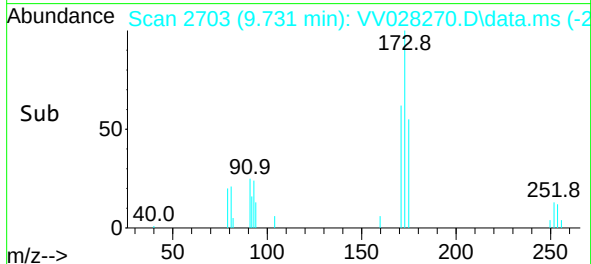
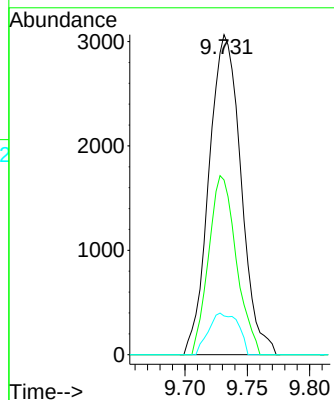
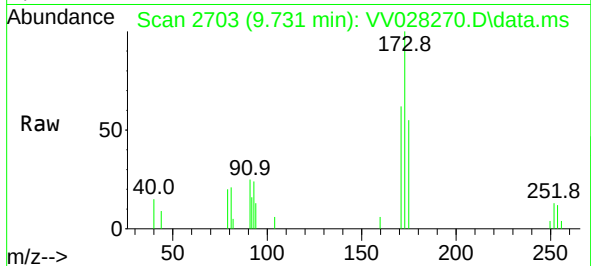




#59
Bromoform
Concen: 0.950 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

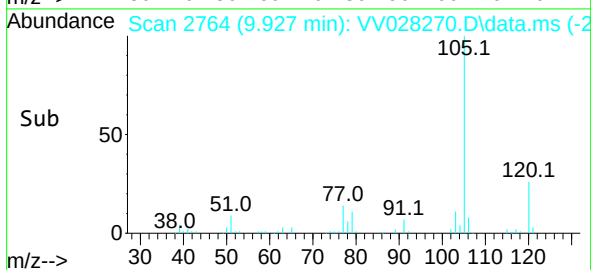
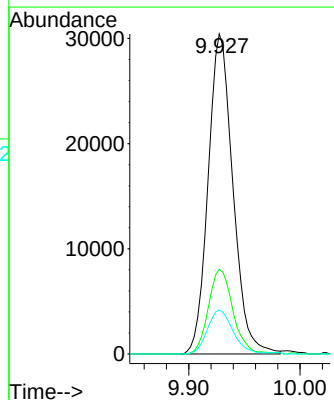
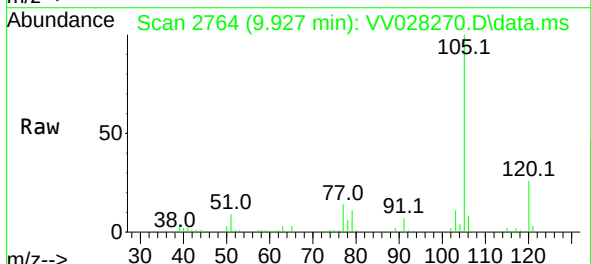
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

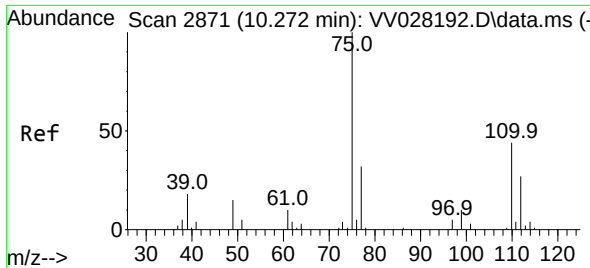
Tgt Ion:173	Resp:	5474
Ion	Ratio	Lower Upper
173	100	
175	48.4	39.0 58.4
254	12.0	8.7 13.1



#60
Isopropylbenzene
Concen: 0.884 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion:105	Resp:	47083
Ion	Ratio	Lower Upper
105	100	
120	26.2	21.4 32.0
77	14.2	12.2 18.4

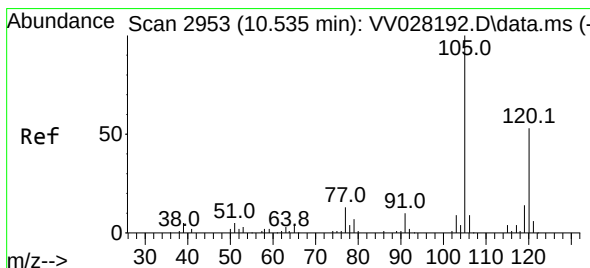
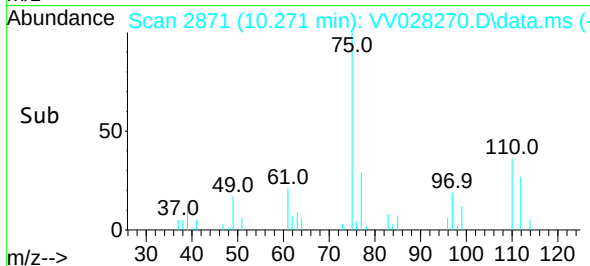
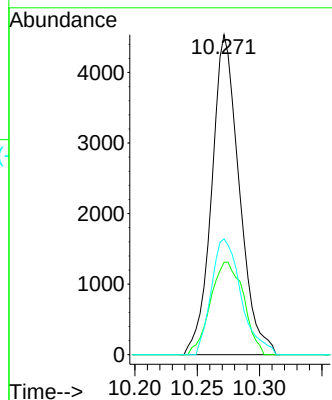
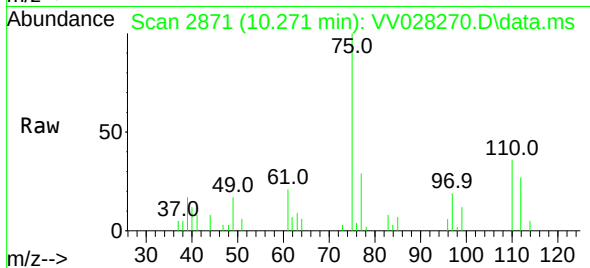




#61
 1,2,3-Trichloropropane
 Concen: 0.918 ug/L
 RT: 10.271 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

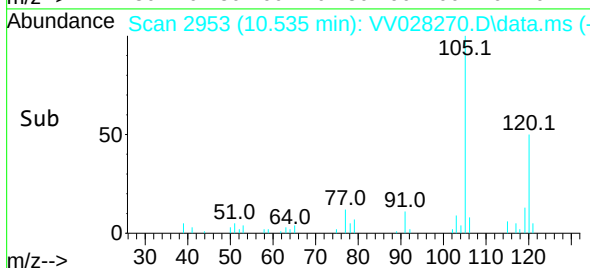
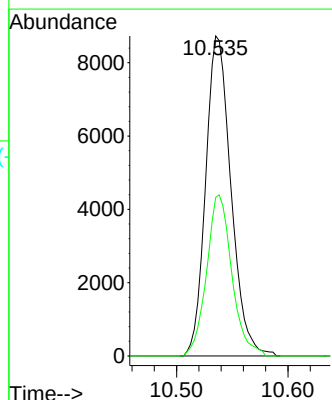
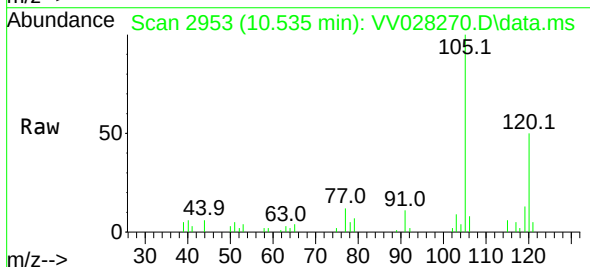
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001253

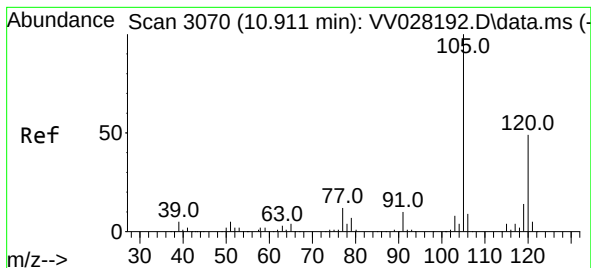
Tgt Ion:	75	Resp:	6983
Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.7	40.1
110	39.1	30.1	45.1



#62
 1,3,5-Trimethylbenzene
 Concen: 0.919 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

Tgt Ion:	105	Resp:	13791
Ion	Ratio	Lower	Upper
105	100		
120	50.2	40.6	61.0





#63

1,2,4-Trimethylbenzene

Concen: 0.839 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

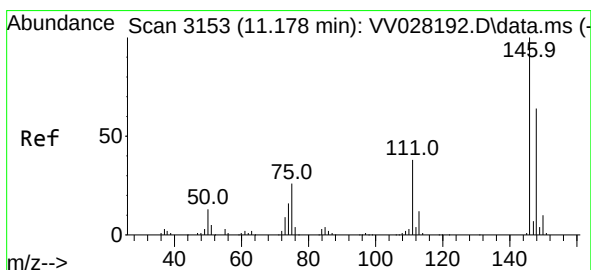
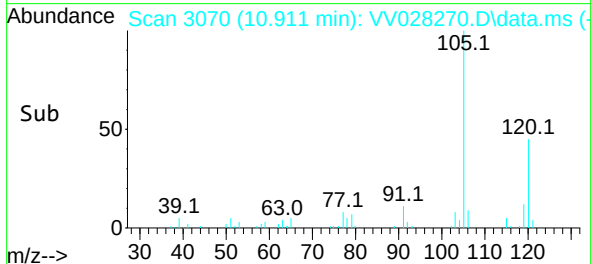
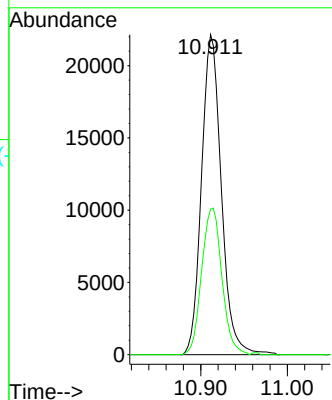
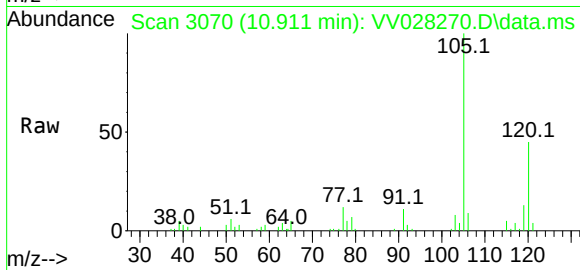
VSTD001253

Tgt Ion:105 Resp: 35179

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.8



#64

1,3-Dichlorobenzene

Concen: 0.943 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV028270.D

Acq: 03 Oct 2022 10:53

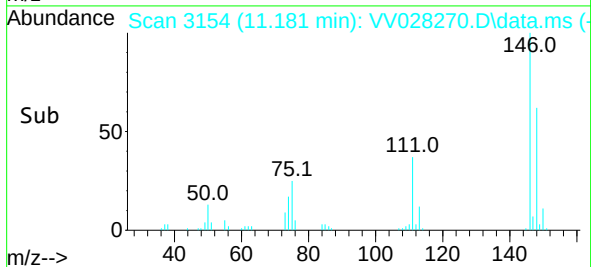
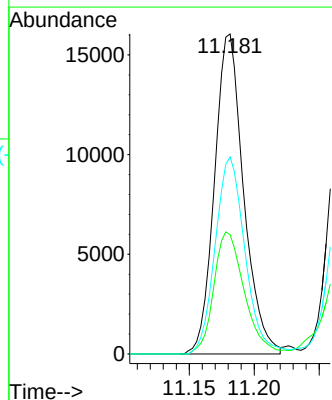
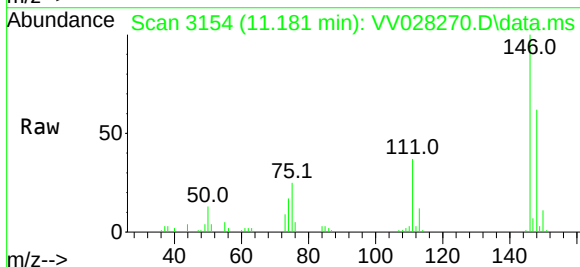
Tgt Ion:146 Resp: 24989

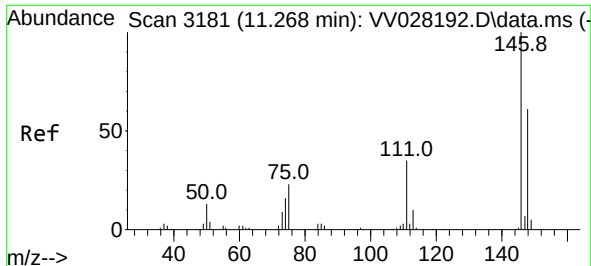
Ion Ratio Lower Upper

146 100

111 37.3 27.1 50.3

148 61.6 45.7 84.9

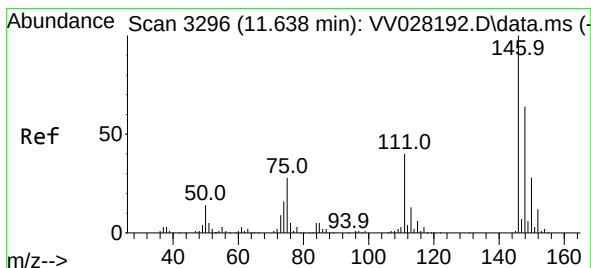
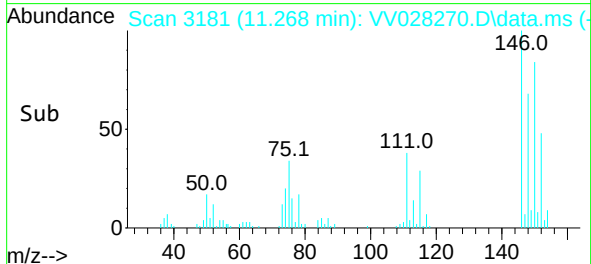
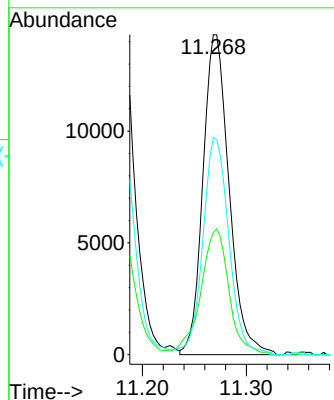
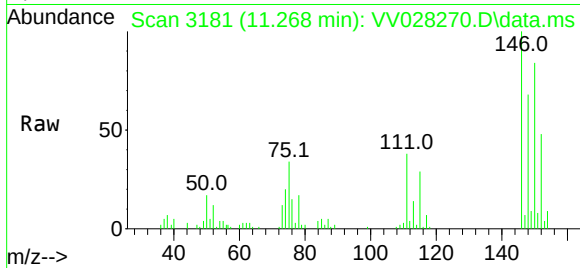




#65
1,4-Dichlorobenzene
Concen: 0.944 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

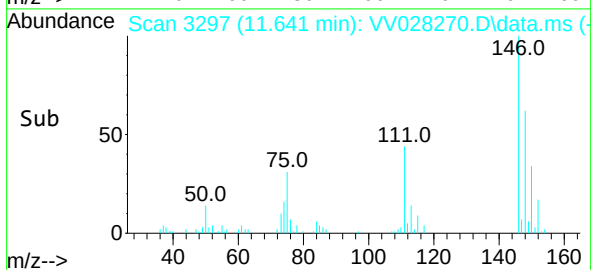
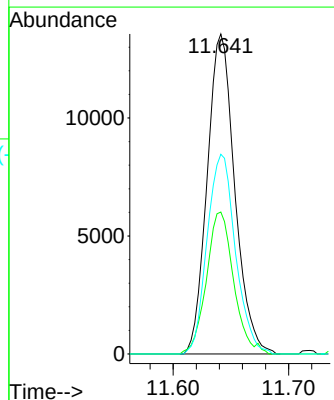
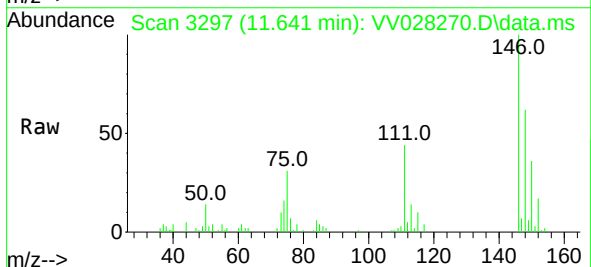
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

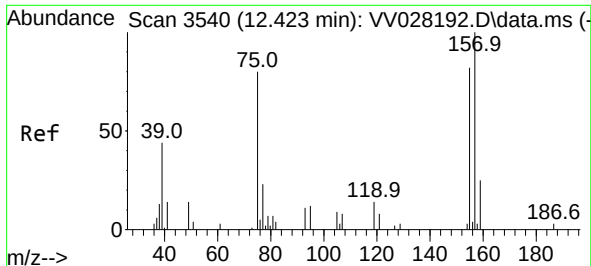
Tgt Ion:146	Resp:	25025
Ion Ratio	Lower	Upper
146	100	
111	38.1	26.2 48.8
148	67.9	45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 0.901 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion:146	Resp:	22543
Ion Ratio	Lower	Upper
146	100	
111	44.3	32.6 49.0
148	62.4	50.1 75.1

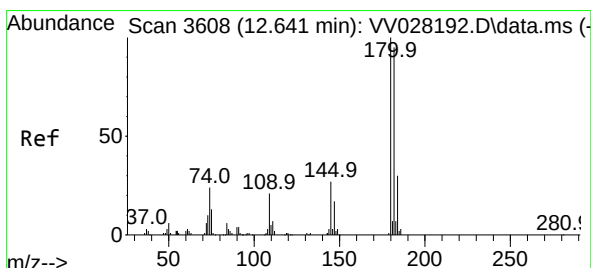
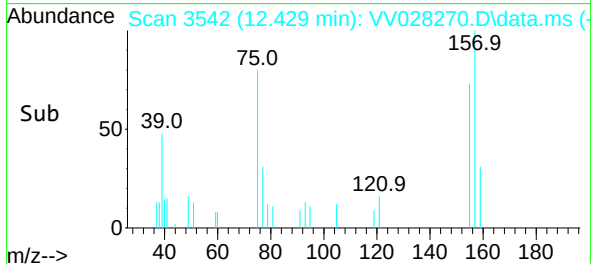
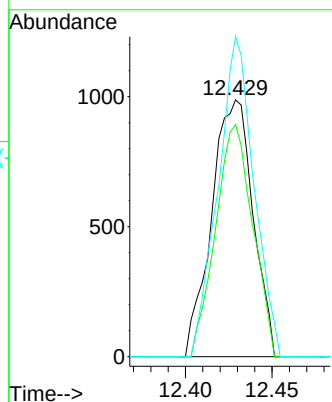
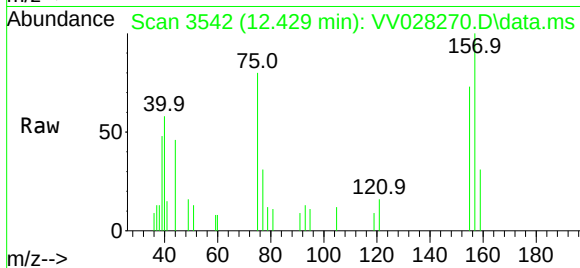




#68
1,2-Dibromo-3-chloropropane
Concen: 0.982 ug/L
RT: 12.429 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

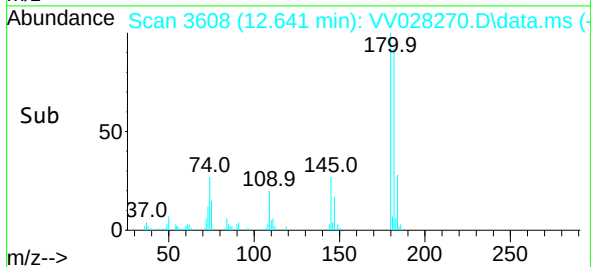
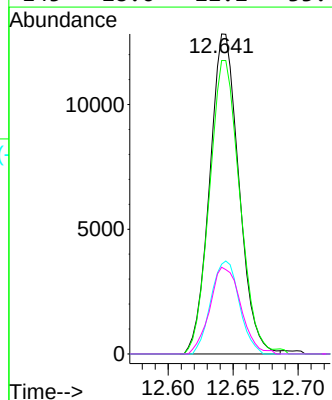
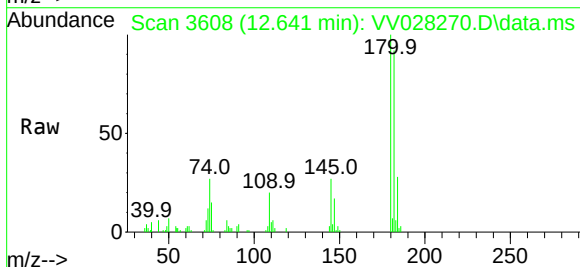
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

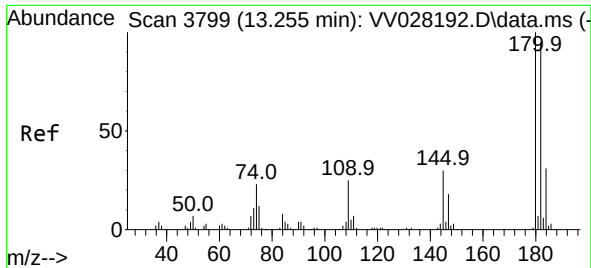
Tgt Ion: 75 Resp: 1638
Ion Ratio Lower Upper
75 100
155 90.4 73.6 110.4
157 124.6 90.7 136.1



#69
1,3,5-Trichlorobenzene
Concen: 0.955 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

Tgt Ion: 180 Resp: 20032
Ion Ratio Lower Upper
180 100
182 95.0 75.5 113.3
184 28.1 23.7 35.5
145 28.6 22.2 33.4

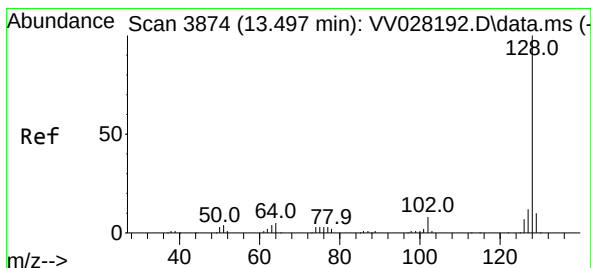
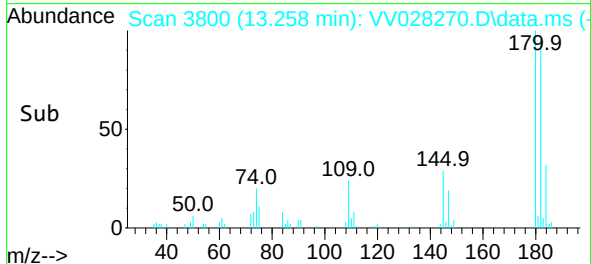
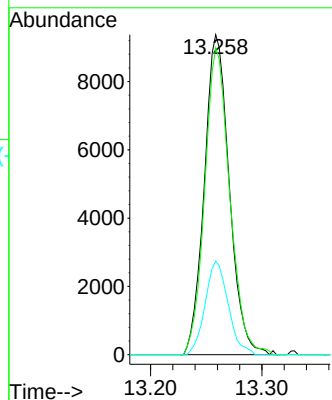
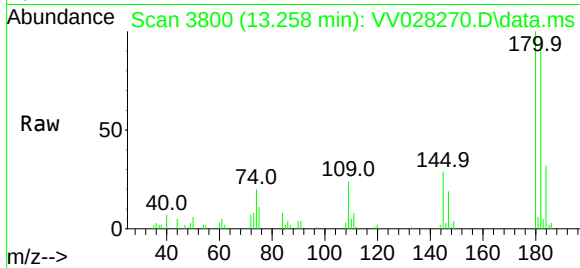




#70
1,2,4-trichlorobenzene
Concen: 0.871 ug/L
RT: 13.258 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

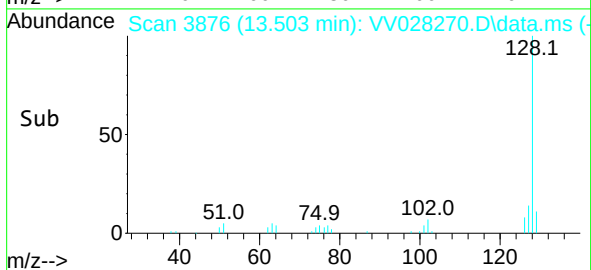
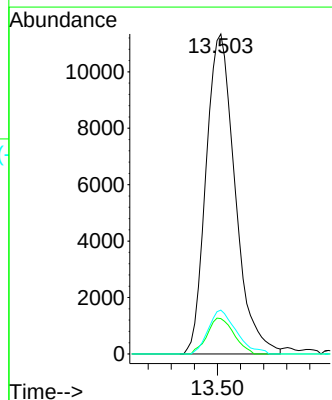
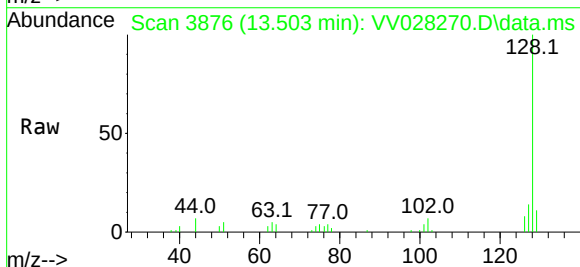
Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

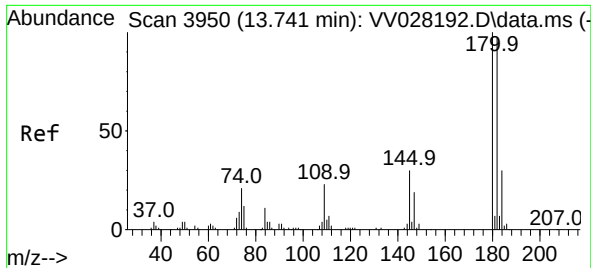
Tgt Ion:180 Resp: 14613
Ion Ratio Lower Upper
180 100
182 96.0 76.3 114.5
145 26.9 22.9 34.3



#71
Naphthalene
Concen: 0.721 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV028270.D
Acq: 03 Oct 2022 10:53

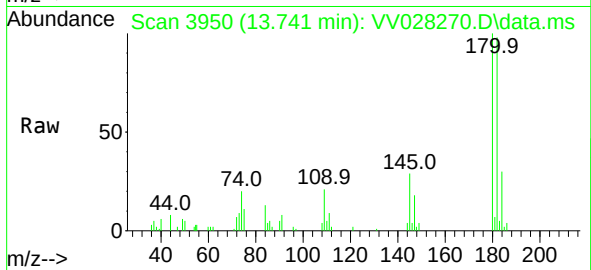
Tgt Ion:128 Resp: 19797
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.2
127 13.2 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.858 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: VV028270.D
 Acq: 03 Oct 2022 10:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001253



Tgt Ion:	180	Resp:	13016
Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.4	116.0
145	28.5	24.6	36.8

