

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026880.D
 Acq On : 22 Jul 2022 10:52
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 23:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	528913	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	555755	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	294754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45738	10.461	ug/L	0.00
7) Chloroethane-d5	1.564	69	40102	10.842	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	81642	10.049	ug/L	0.00
21) 2-Butanone-d5	3.896	46	52040	22.120	ug/L	0.02
24) Chloroform-d	4.346	84	88410	10.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	50979	10.540	ug/L	0.00
32) Benzene-d6	5.047	84	159405	9.382	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	53677	9.991	ug/L	0.00
41) Toluene-d8	7.313	98	133180	8.898	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	19987	9.258	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	34985	17.751	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80990	10.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	53506	9.271	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	56709	13.845	ug/L	100
3) Chloromethane	1.240	50	53266	11.161	ug/L	100
5) Vinyl chloride	1.307	62	54774	10.793	ug/L	96
6) Bromomethane	1.519	94	33872	10.675	ug/L	99
8) Chloroethane	1.581	64	35560	10.695	ug/L	94
9) Trichlorofluoromethane	1.748	101	76301	10.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	46107	11.129	ug/L	98
12) 1,1-Dichloroethene	2.114	96	42290	10.444	ug/L	94
13) Acetone	2.172	43	42023	24.767	ug/L	96
14) Carbon disulfide	2.288	76	116967	10.382	ug/L	100
15) Methyl Acetate	2.433	43	45687	12.827	ug/L	99
16) Methylene chloride	2.503	84	56236	11.700	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	42594	10.170	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	108211	9.182	ug/L	98
19) 1,1-Dichloroethane	3.185	63	79541	10.430	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	42405	9.450	ug/L	94
22) 2-Butanone	3.979	43	51263	22.320	ug/L	89
23) Bromochloromethane	4.246	128	26662	10.425	ug/L	97
25) Chloroform	4.371	83	85175	10.556	ug/L	100
27) 1,2-Dichloroethane	5.130	62	59227	10.788	ug/L	97
29) Cyclohexane	4.670	56	48304	8.231	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	71464	9.853	ug/L	99
31) Carbon tetrachloride	4.822	117	64201	10.495	ug/L	99
33) Benzene	5.098	78	170205	9.458	ug/L	100
34) Trichloroethene	5.912	95	44996	9.892	ug/L	98
35) Methylcyclohexane	6.127	83	58956	8.568	ug/L	96
37) 1,2-Dichloropropane	6.172	63	44505	9.423	ug/L	# 95
38) Bromodichloromethane	6.506	83	61849	10.224	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	54751	8.740	ug/L	93
40) 4-Methyl-2-pentanone	7.227	43	92011	18.713	ug/L	95
42) Toluene	7.387	91	165076	8.768	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	55445	9.417	ug/L	100

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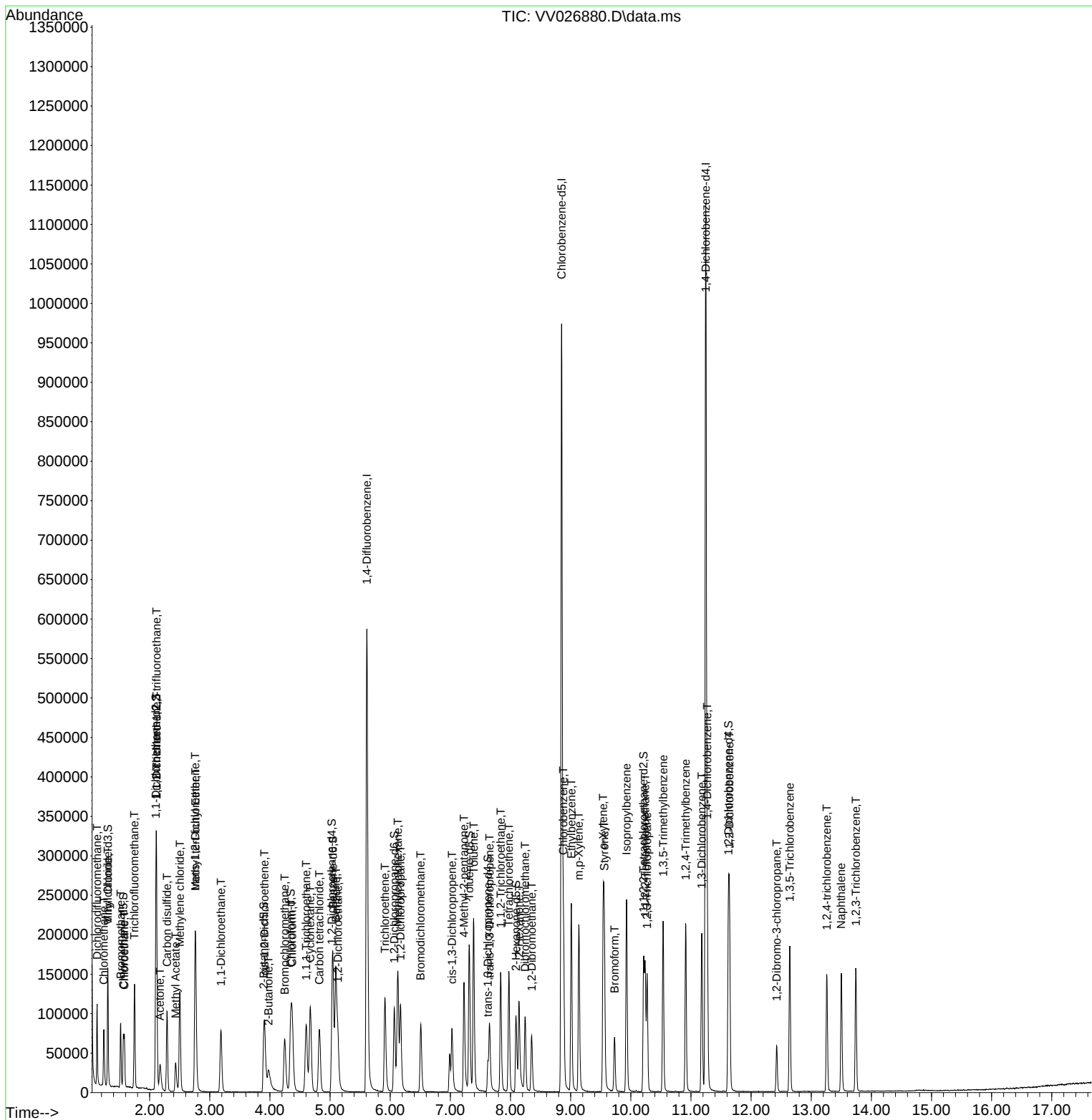
Quant Time: Jul 22 23:51:52 2022
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 Quant Title : VOC Analysis
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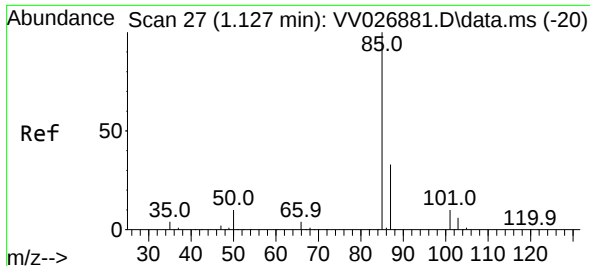
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	48266	10.097	ug/L	98
46) Tetrachloroethene	7.973	164	34574	9.459	ug/L	94
48) 2-Hexanone	8.143	43	68435	18.209	ug/L	98
49) Dibromochloromethane	8.243	129	49669	10.635	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48446	9.972	ug/L	99
51) Chlorobenzene	8.879	112	123052	9.678	ug/L	99
52) Ethylbenzene	9.011	91	162633	8.498	ug/L	99
53) m,p-Xylene	9.136	106	62095	8.260	ug/L	94
54) o-Xylene	9.542	106	59735	8.252	ug/L	96
55) Styrene	9.561	104	100497	7.891	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	77988	10.379	ug/L	99
59) Bromoform	9.731	173	30683	11.285	ug/L	94
60) Isopropylbenzene	9.931	105	153556	8.616	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	60317	11.180	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	113857	7.886	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	112671	7.812	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	84541	9.312	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	93065	9.883	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	87335	9.442	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	14815	11.838	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	58224	9.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	46237	8.831	ug/L	98
71) Naphthalene	13.500	128	121832	7.895	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47545	8.792	ug/L	99

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

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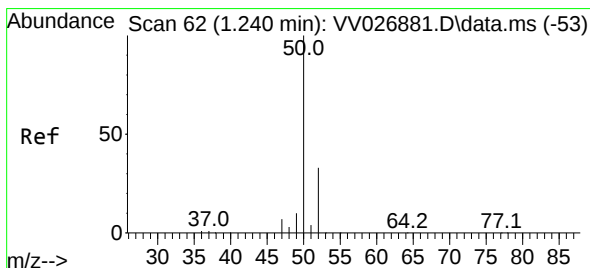
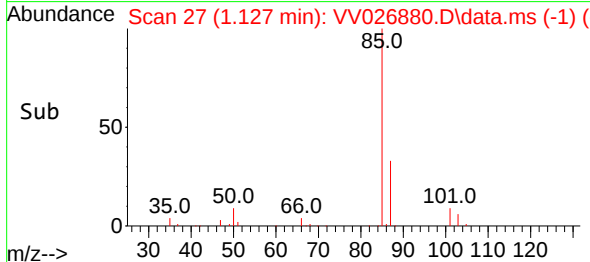
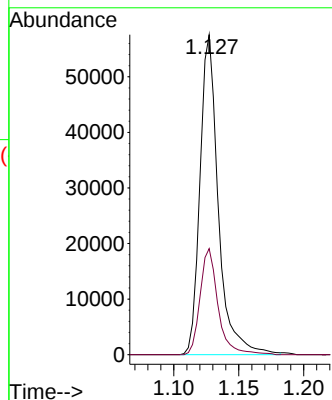
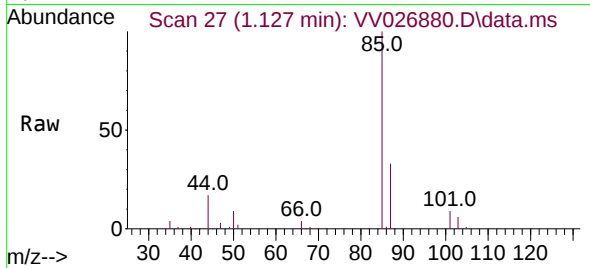




#2
 Dichlorodifluoromethane
 Concen: 13.845 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

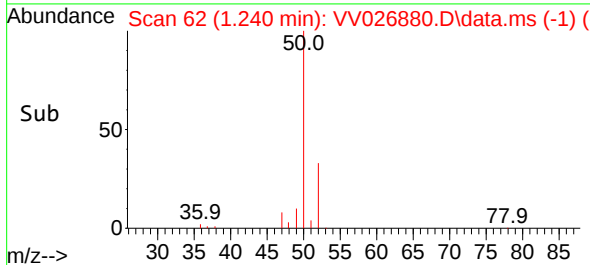
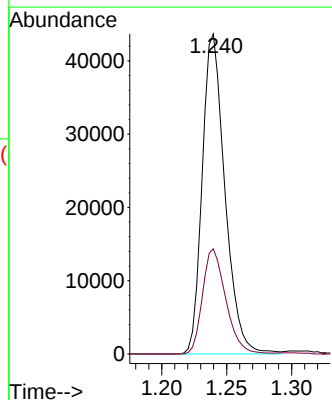
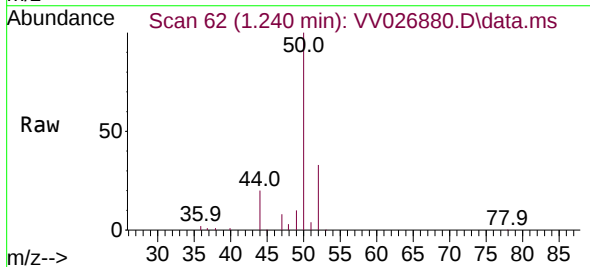
Instrument :
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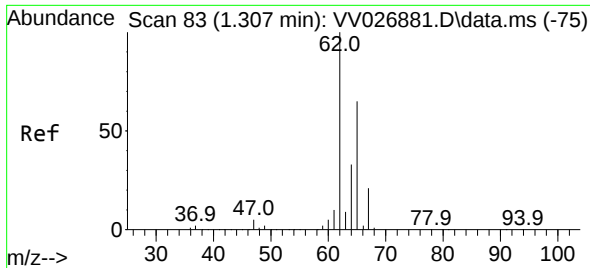
Tgt Ion: 85 Resp: 56709
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 11.161 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

Tgt Ion: 50 Resp: 53266
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

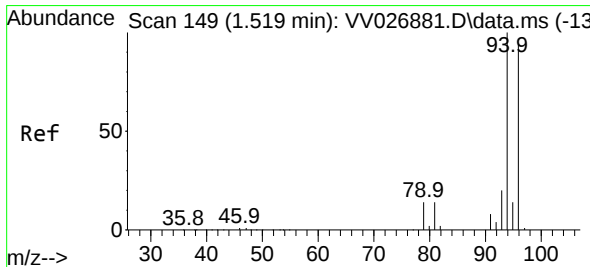
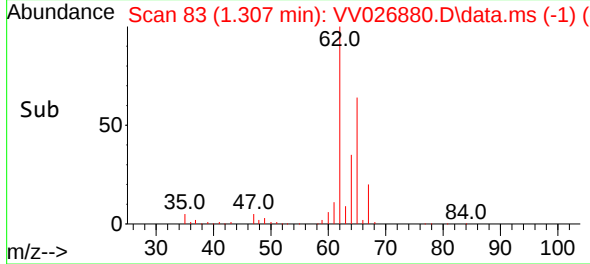
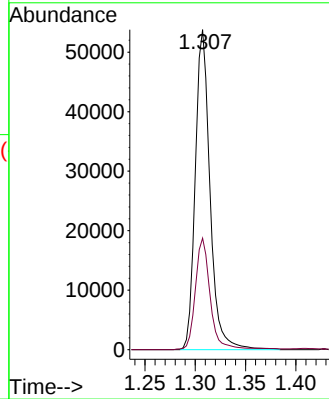
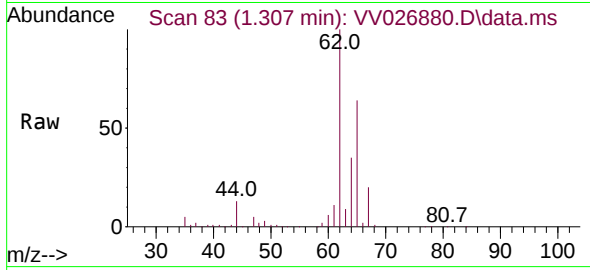




#5
 Vinyl chloride
 Concen: 10.793 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

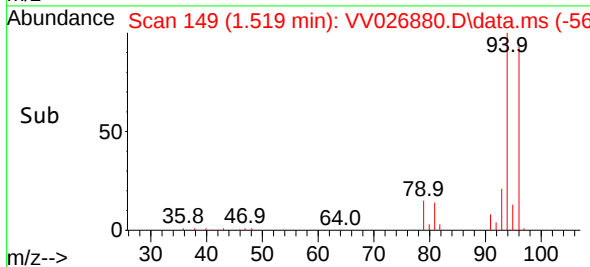
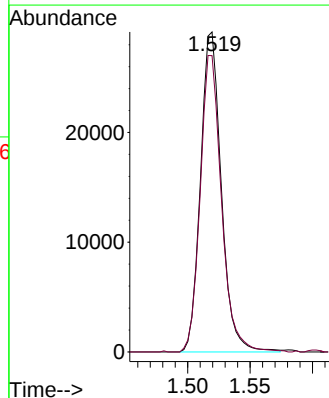
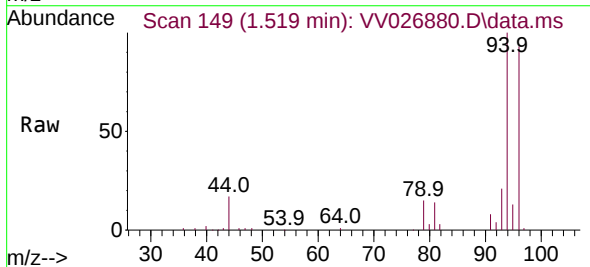
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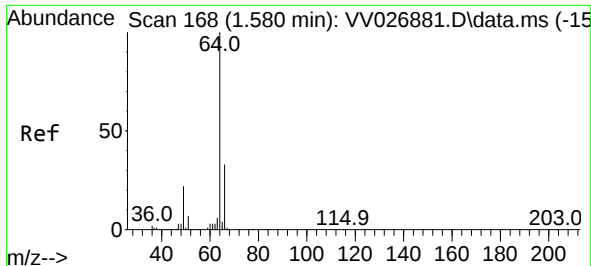
Tgt Ion: 62 Resp: 54774
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.0 42.6



#6
 Bromomethane
 Concen: 10.675 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

Tgt Ion: 94 Resp: 33872
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.8 122.2

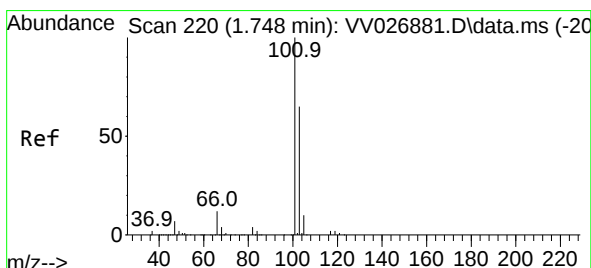
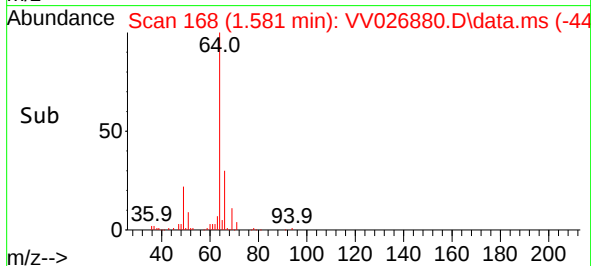
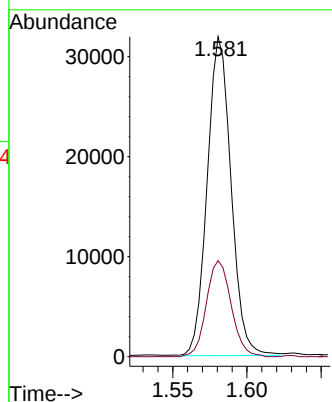
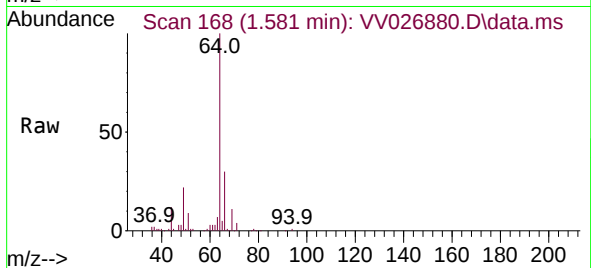




#8
Chloroethane
Concen: 10.695 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

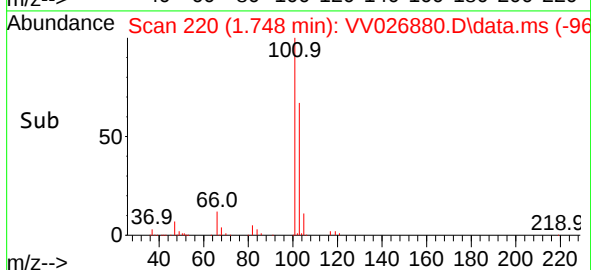
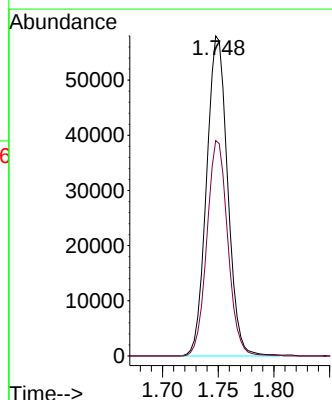
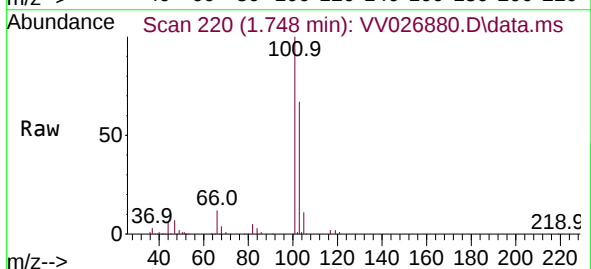
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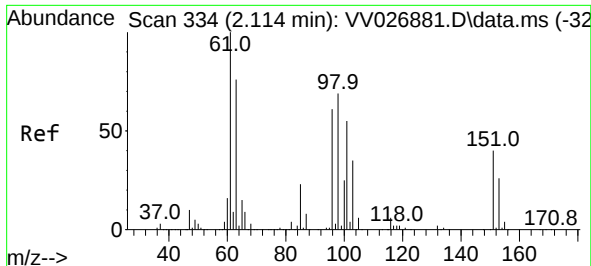
Tgt Ion: 64 Resp: 35560
Ion Ratio Lower Upper
64 100
66 30.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 10.791 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:101 Resp: 76301
Ion Ratio Lower Upper
101 100
103 66.7 51.8 77.8

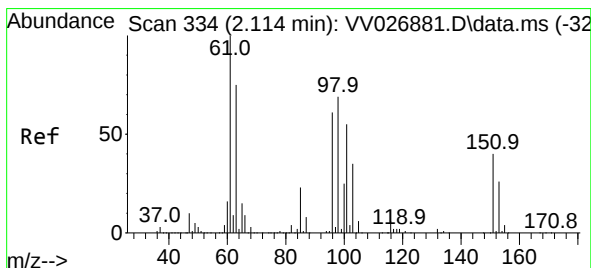
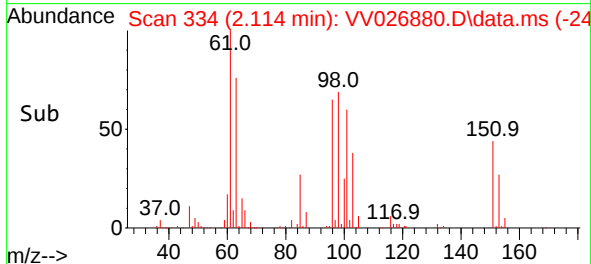
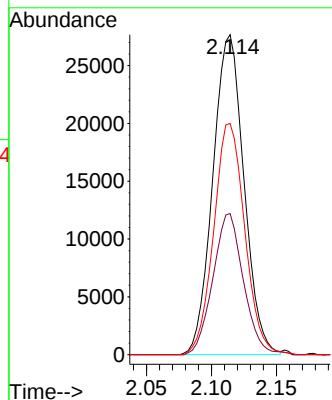
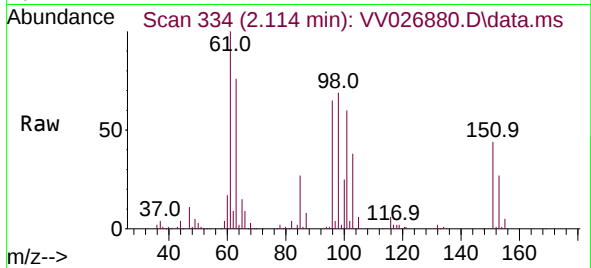




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.129 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

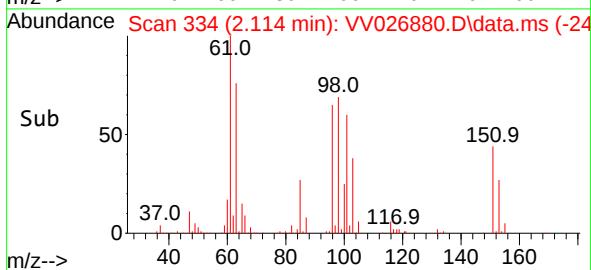
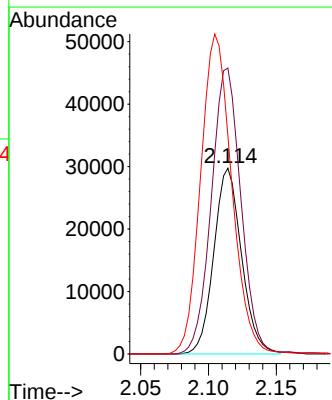
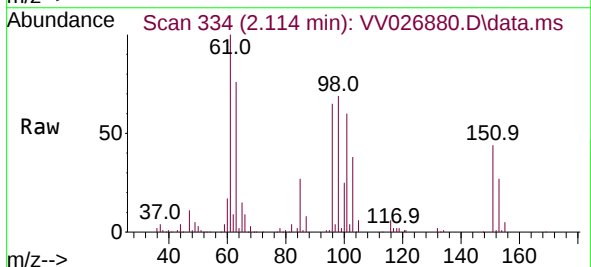
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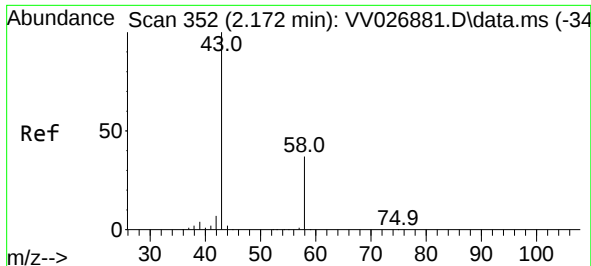
Tgt Ion:101 Resp: 46107
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.1 49.7
 151 72.1 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 10.444 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

Tgt Ion: 96 Resp: 42290
 Ion Ratio Lower Upper
 96 100
 61 153.9 114.2 212.0
 63 117.7 87.0 161.6





#13

Acetone

Concen: 24.767 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

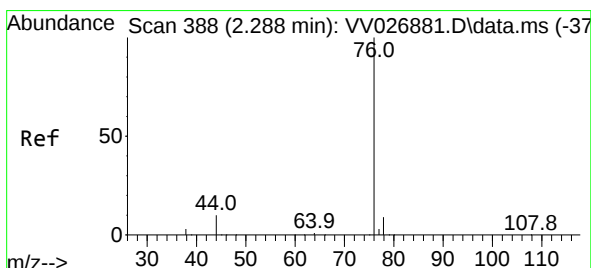
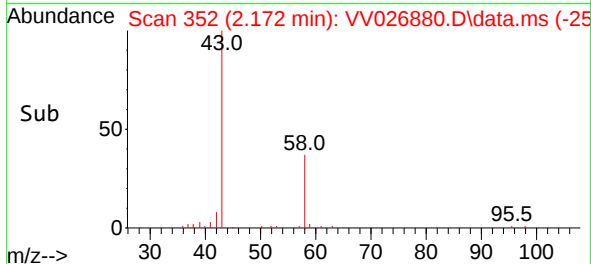
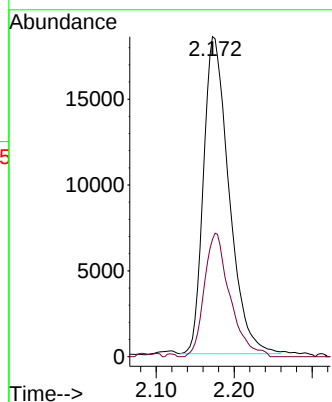
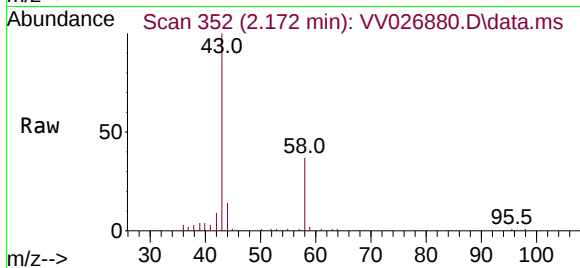
ClientSampleId :

Tgt Ion: 43 Resp: 42023

Ion Ratio Lower Upper

43 100

58 38.7 0.0 72.6



#14

Carbon disulfide

Concen: 10.382 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV026880.D

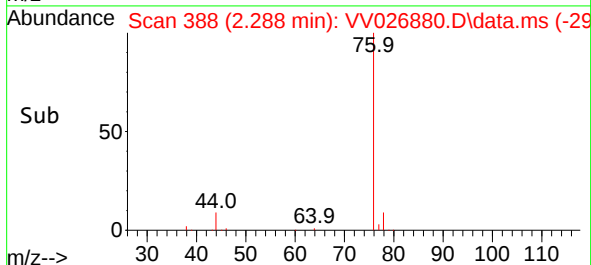
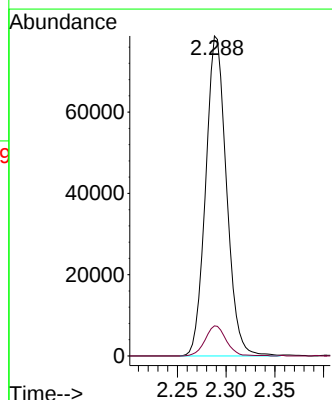
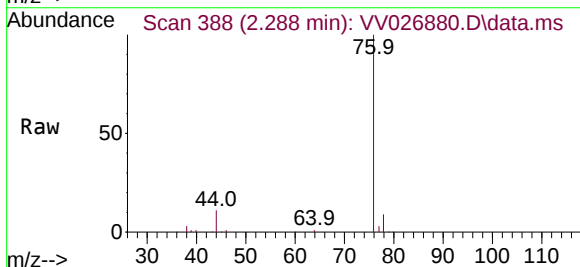
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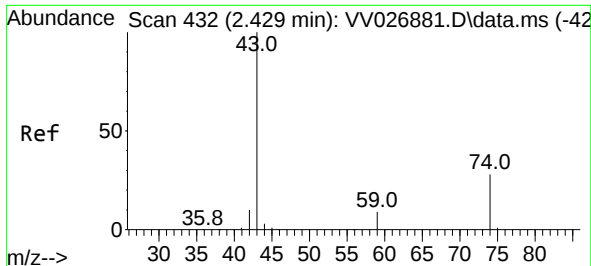
Tgt Ion: 76 Resp: 116967

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

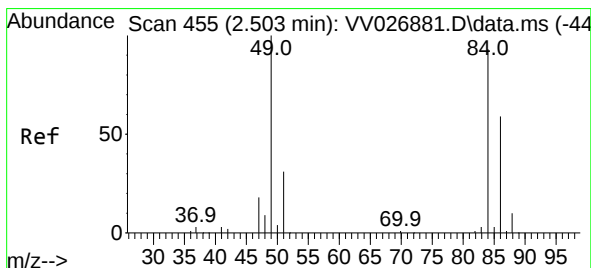
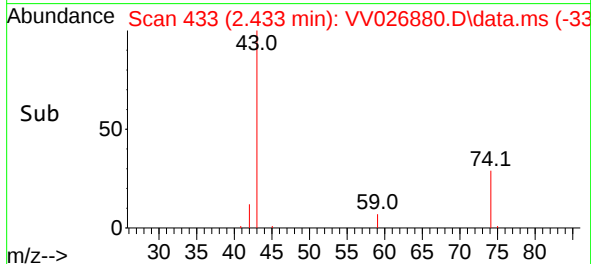
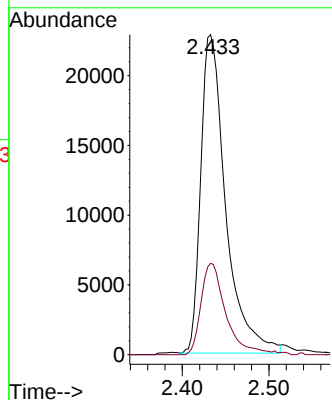
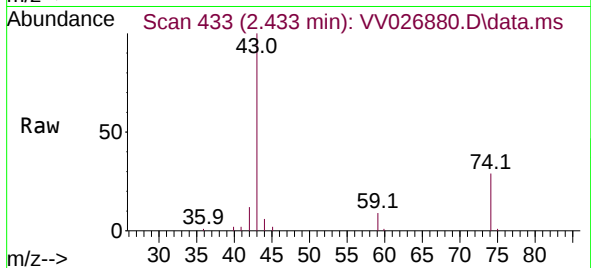




#15
Methyl Acetate
Concen: 12.827 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

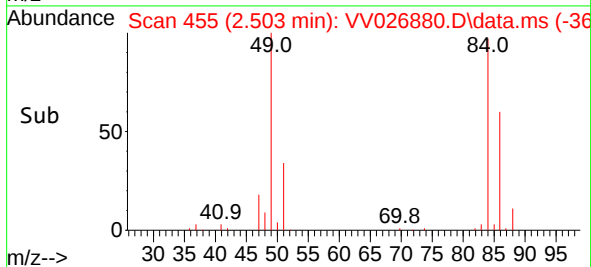
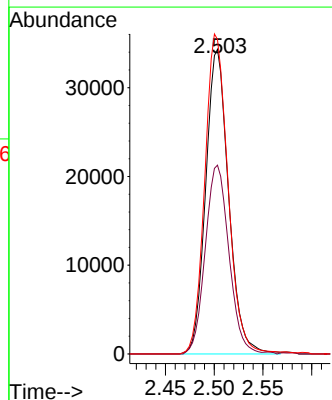
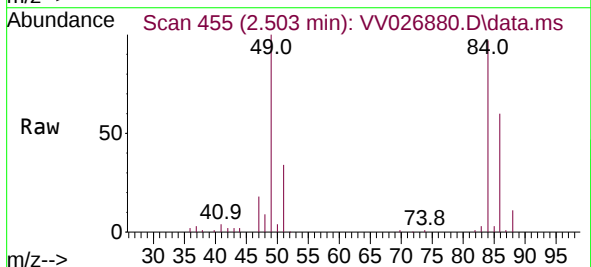
Instrument :
MSVOA_V
ClientSampleId :

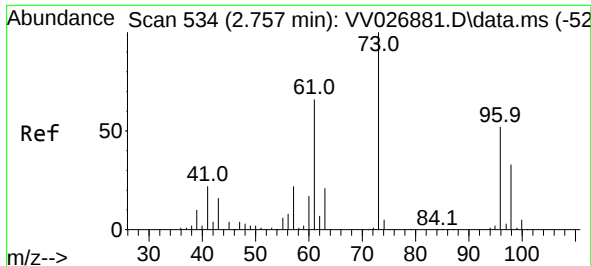
Tgt Ion: 43 Resp: 45687
Ion Ratio Lower Upper
43 100
74 28.3 22.1 33.1



#16
Methylene chloride
Concen: 11.700 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion: 84 Resp: 56236
Ion Ratio Lower Upper
84 100
86 62.0 44.5 82.7
49 103.3 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 10.170 ug/L

RT: 2.757 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

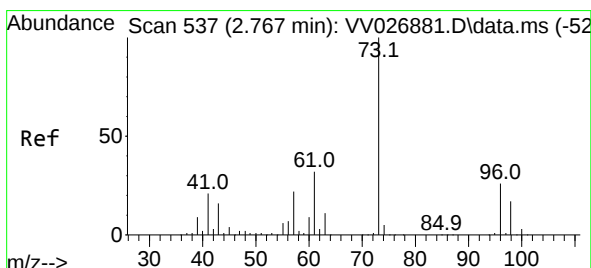
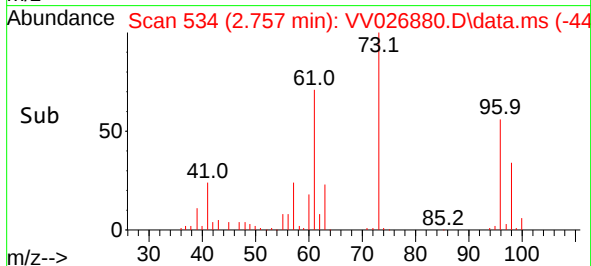
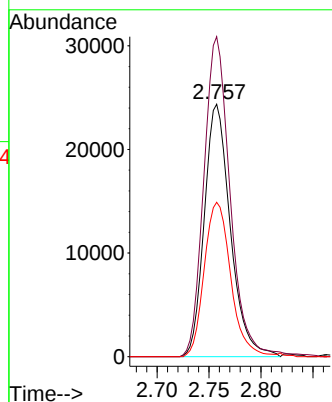
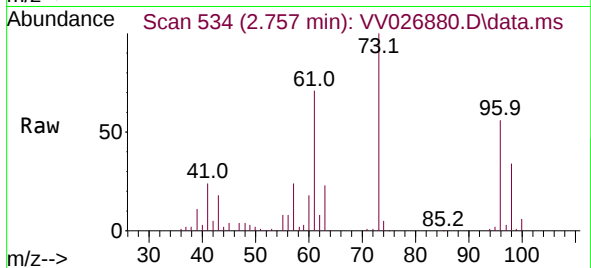
Tgt Ion: 96 Resp: 42594

Ion Ratio Lower Upper

96 100

61 126.7 89.2 165.6

98 61.2 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 9.182 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

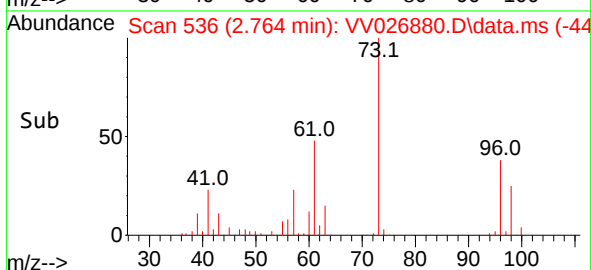
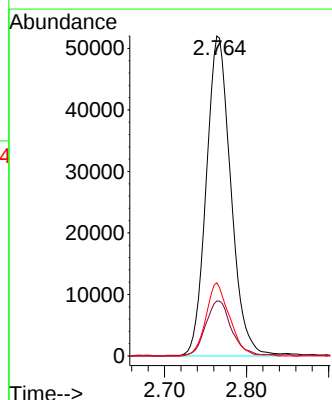
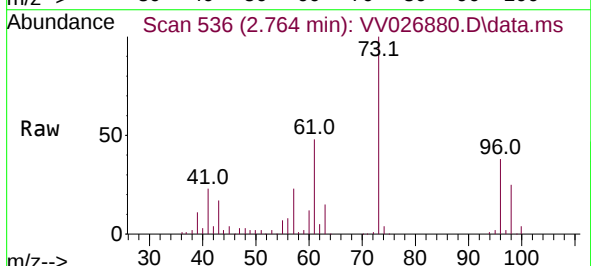
Tgt Ion: 73 Resp: 108211

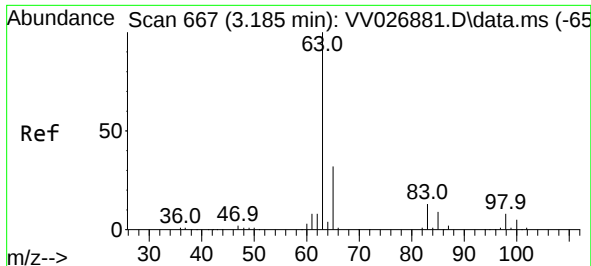
Ion Ratio Lower Upper

73 100

43 18.1 12.8 19.2

57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 10.430 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

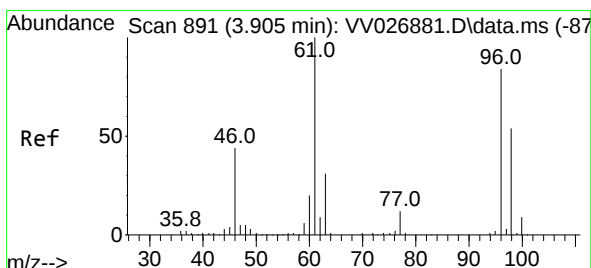
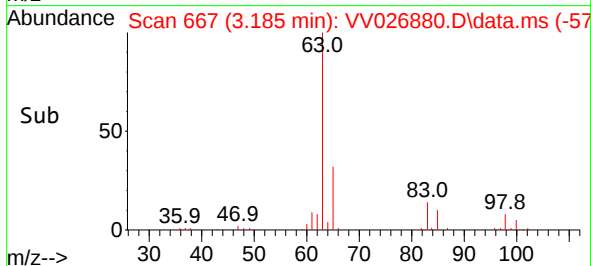
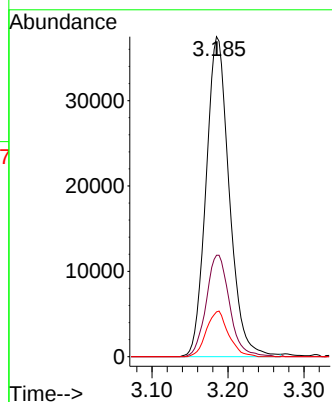
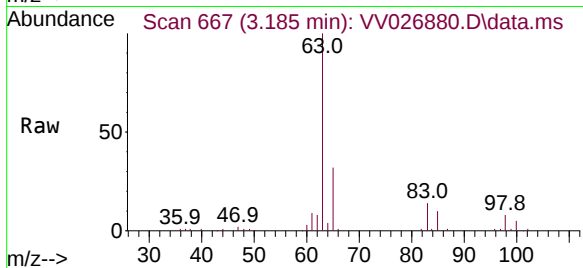
Tgt Ion: 63 Resp: 79541

Ion Ratio Lower Upper

63 100

65 31.7 22.6 42.0

83 14.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 9.450 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

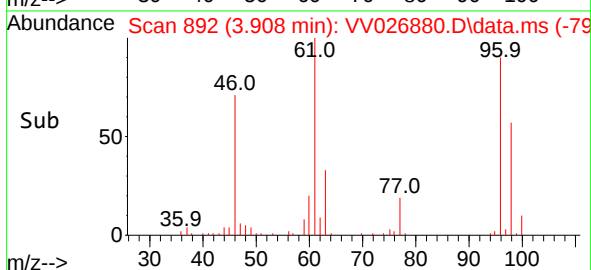
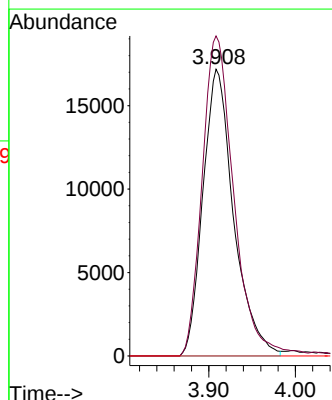
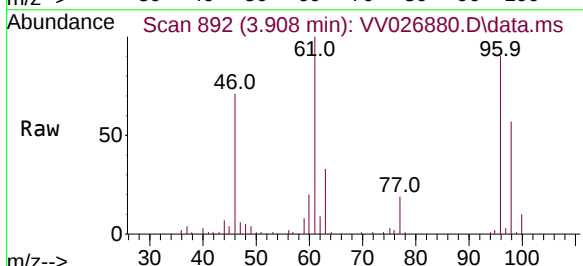
Tgt Ion: 96 Resp: 42405

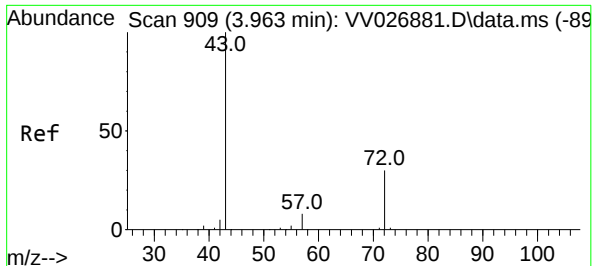
Ion Ratio Lower Upper

96 100

61 111.6 83.0 154.1

68 0.0 0.0 0.0

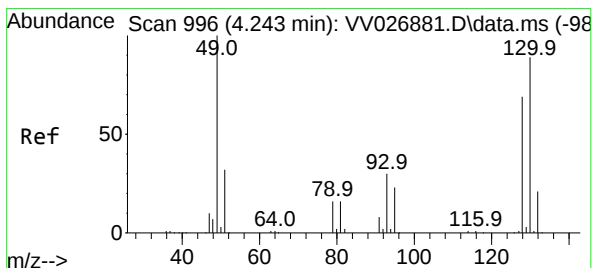
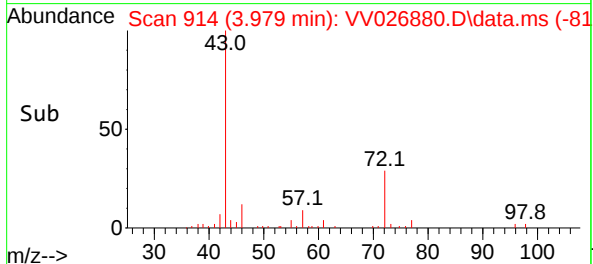
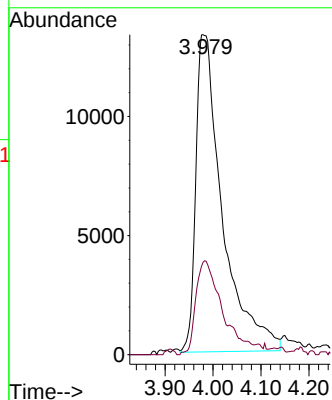
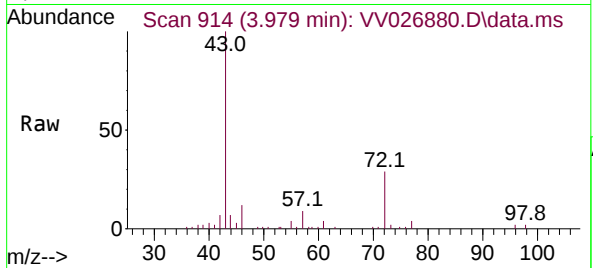




#22
2-Butanone
Concen: 22.320 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.016 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

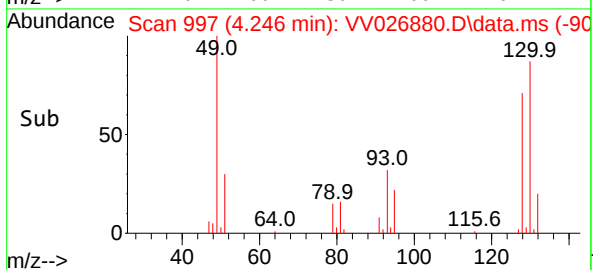
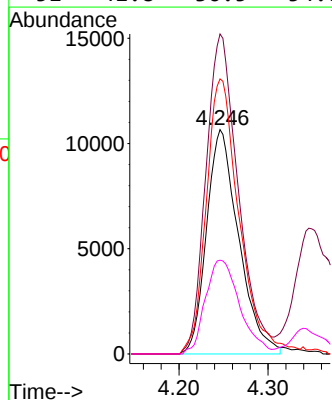
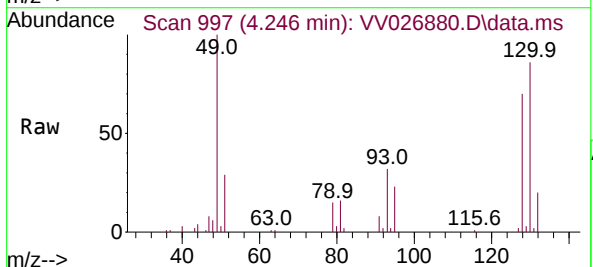
Instrument :
MSVOA_V
ClientSampleId :

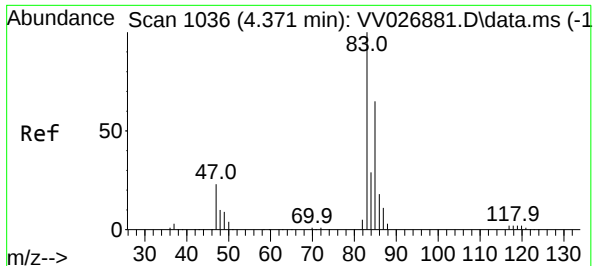
Tgt Ion: 43 Resp: 51263
Ion Ratio Lower Upper
43 100
72 23.7 14.9 44.5



#23
Bromochloromethane
Concen: 10.425 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:128 Resp: 26662
Ion Ratio Lower Upper
128 100
49 142.7 101.0 187.6
130 122.6 90.0 167.2
51 41.8 36.5 54.7





#25

Chloroform

Concen: 10.556 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

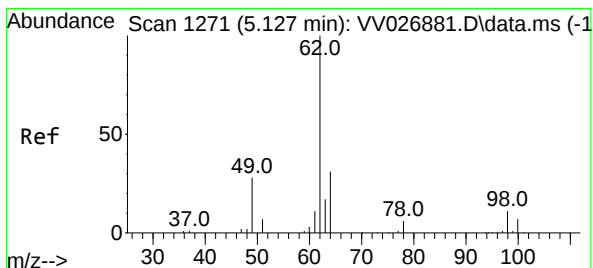
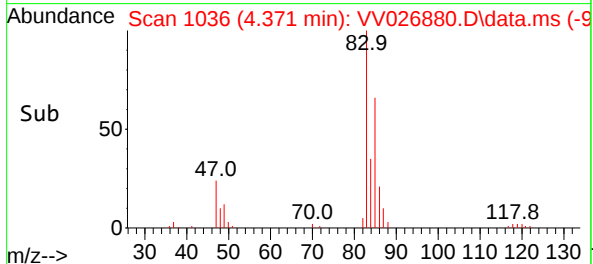
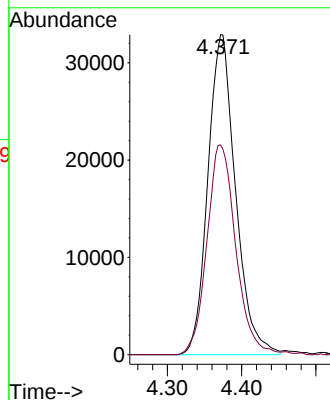
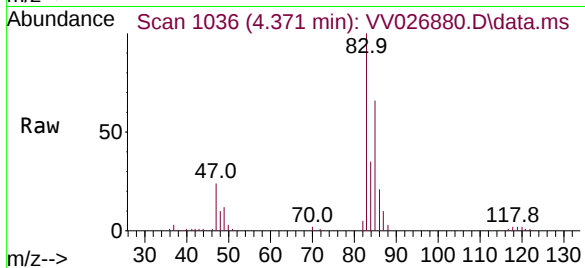
ClientSampleId :

Tgt Ion: 83 Resp: 85175

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.0



#27

1,2-Dichloroethane

Concen: 10.788 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026880.D

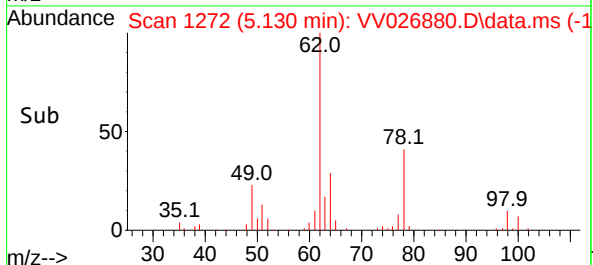
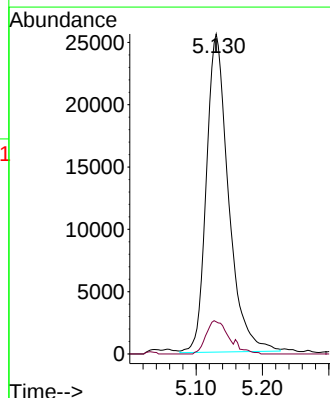
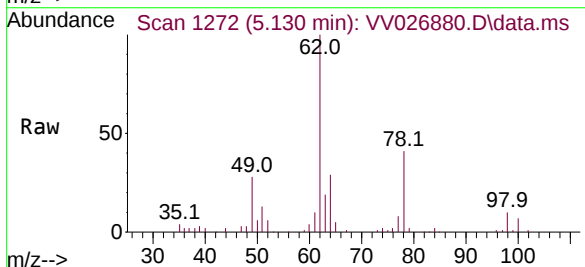
Acq: 22 Jul 2022 10:52

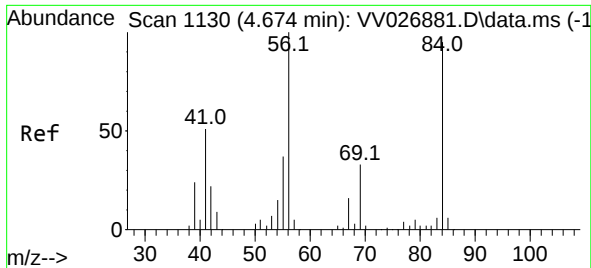
Tgt Ion: 62 Resp: 59227

Ion Ratio Lower Upper

62 100

98 10.1 8.9 13.3

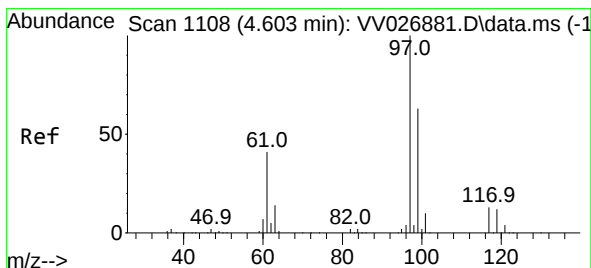
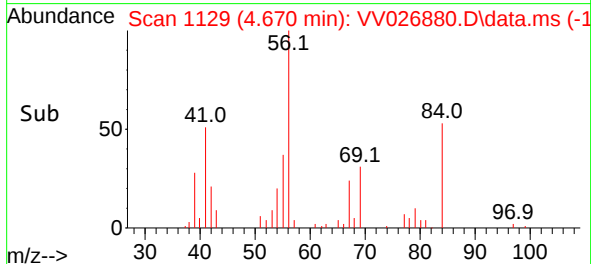
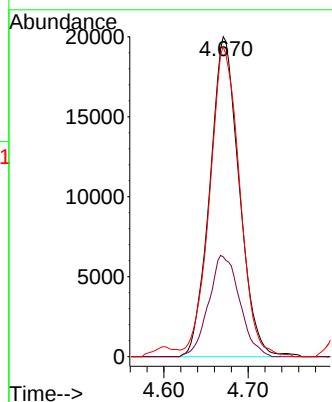
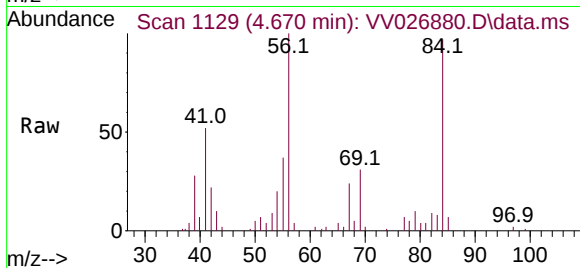




#29
Cyclohexane
Concen: 8.231 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

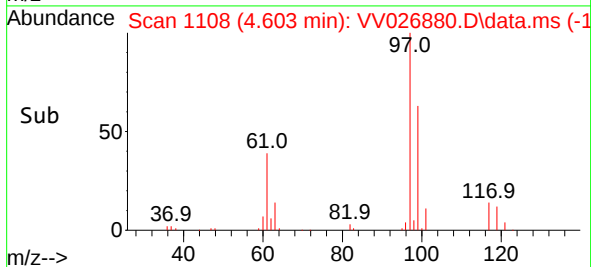
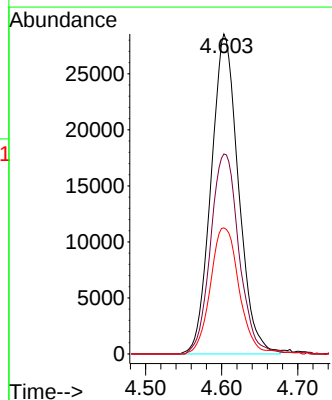
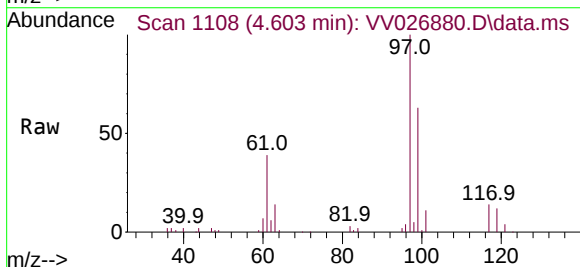
Instrument :
MSVOA_V
ClientSampleId :

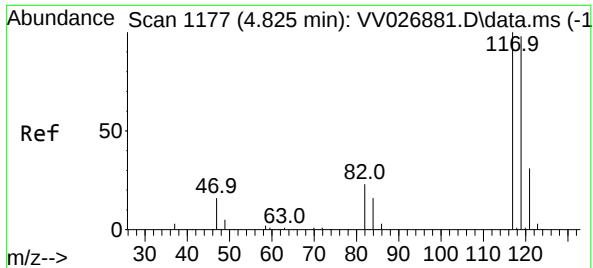
Tgt Ion:	56	Resp:	48304
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.7	38.5
84	97.8	77.0	115.6



#30
1,1,1-Trichloroethane
Concen: 9.853 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:	97	Resp:	71464
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	40.8	33.1	49.7

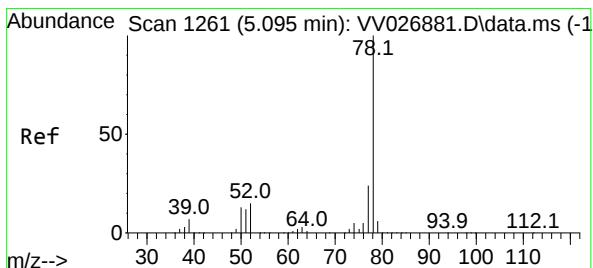
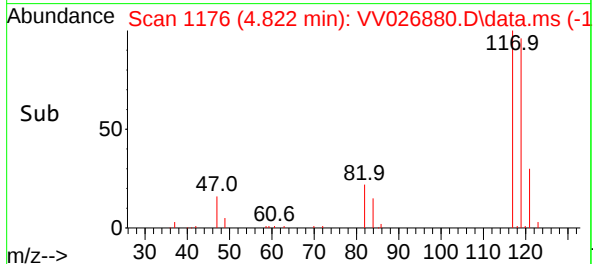
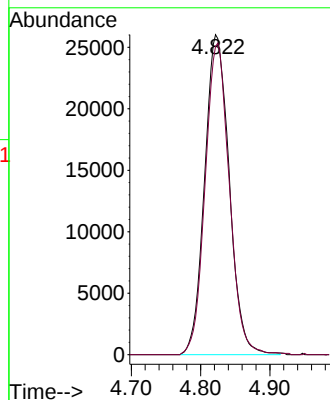
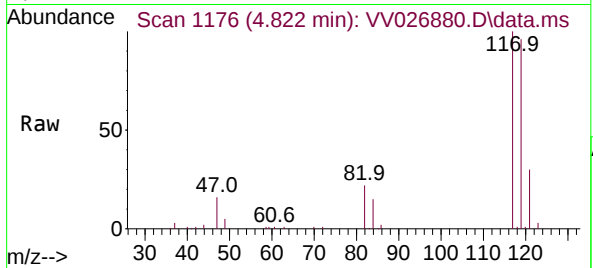




#31
Carbon tetrachloride
Concen: 10.495 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

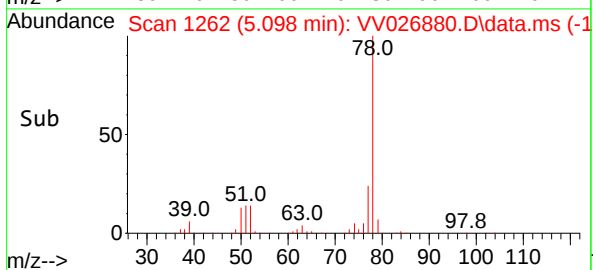
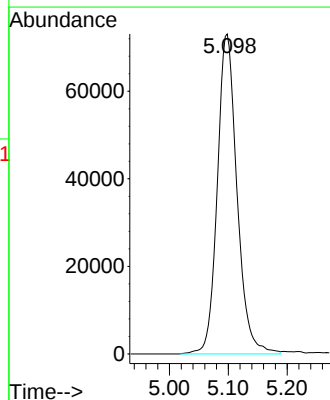
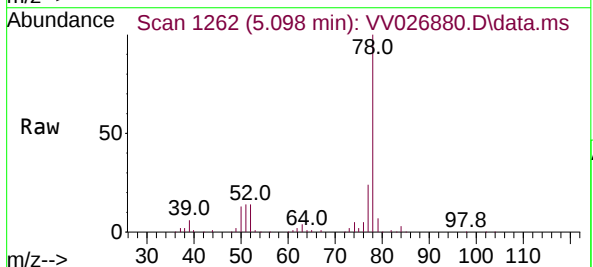
Instrument :
MSVOA_V
ClientSampleId :

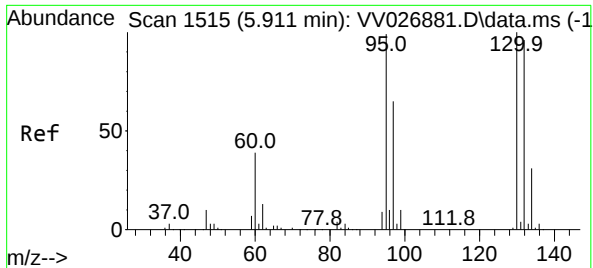
Tgt Ion:117 Resp: 64201
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9



#33
Benzene
Concen: 9.458 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion: 78 Resp: 170205

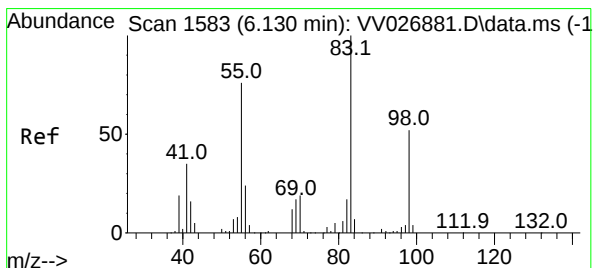
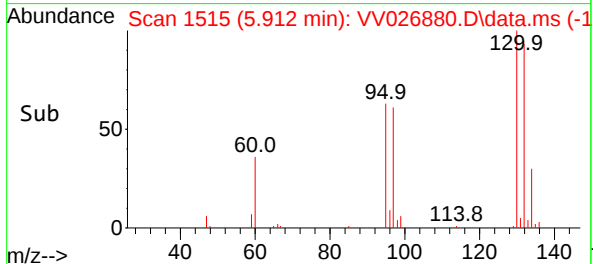
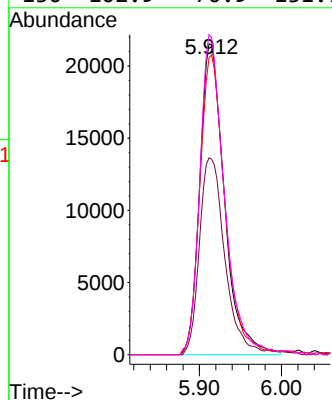
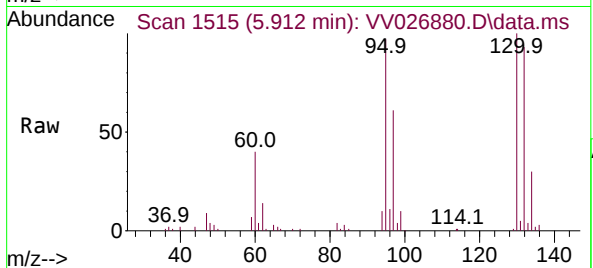




#34
Trichloroethene
Concen: 9.892 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

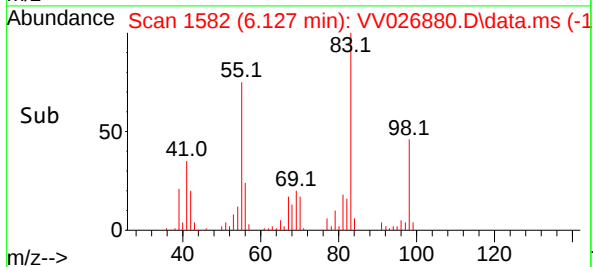
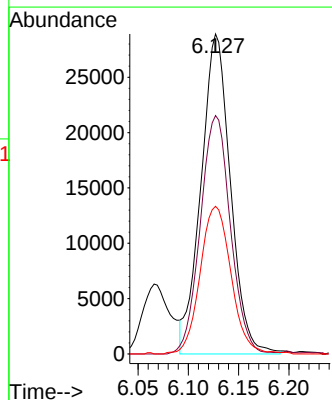
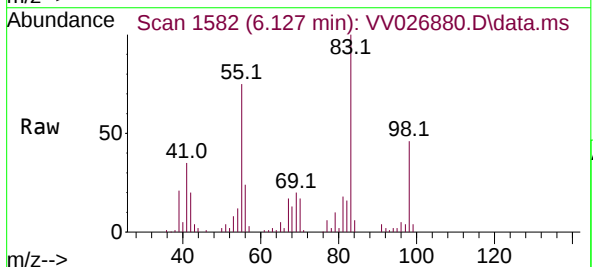
Instrument :
MSVOA_V
ClientSampleId :

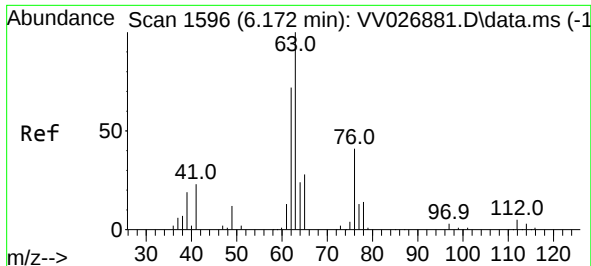
Tgt Ion:	95	Resp:	44996
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.9	85.3
132	95.4	68.1	126.5
130	102.9	70.9	131.7



#35
Methylcyclohexane
Concen: 8.568 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:	83	Resp:	58956
Ion	Ratio	Lower	Upper
83	100		
55	76.2	57.4	86.2
98	48.2	39.4	59.0





#37

1,2-Dichloropropane

Concen: 9.423 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

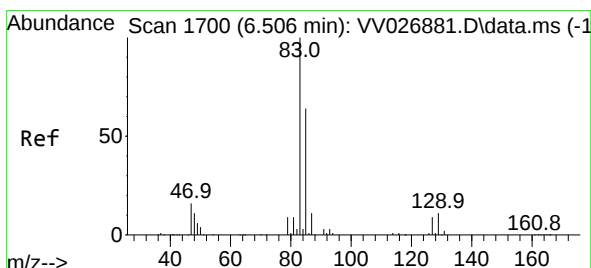
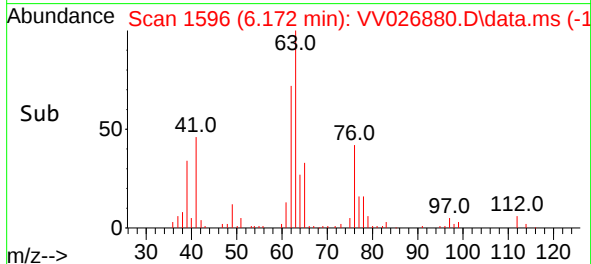
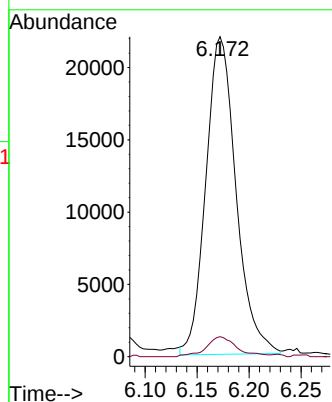
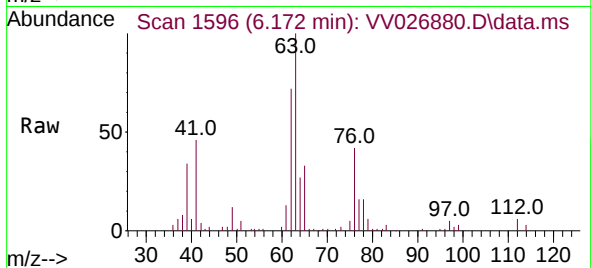
ClientSampleId :

Tgt Ion: 63 Resp: 44505

Ion Ratio Lower Upper

63 100

112 6.4 3.8 5.8#



#38

Bromodichloromethane

Concen: 10.224 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

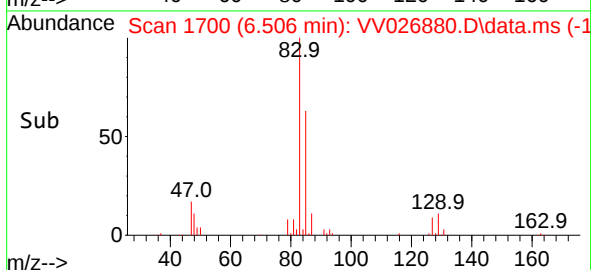
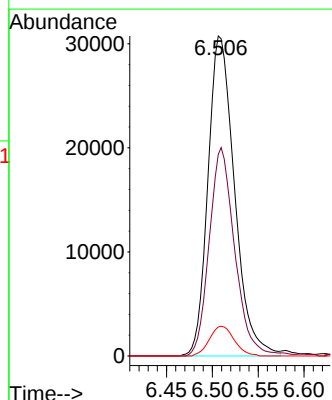
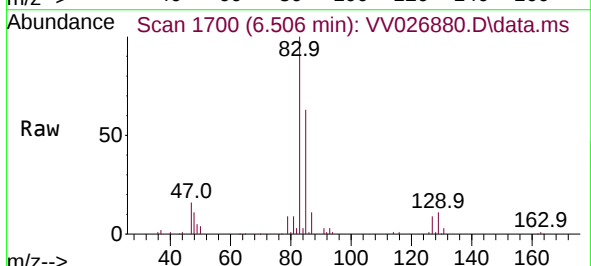
Tgt Ion: 83 Resp: 61849

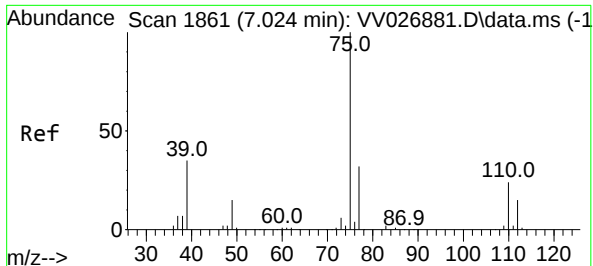
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 8.740 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

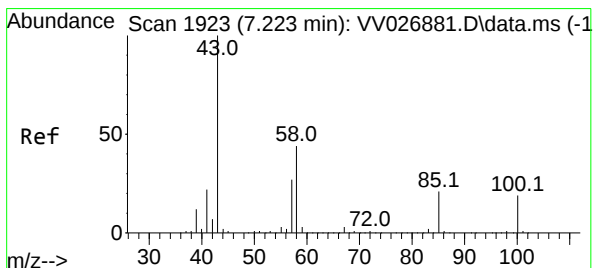
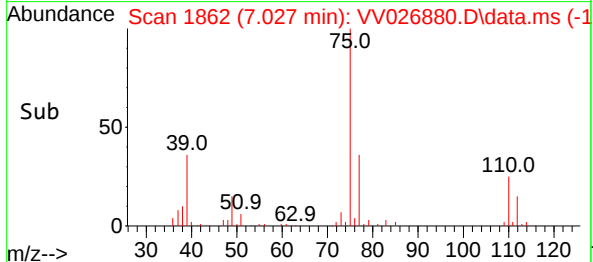
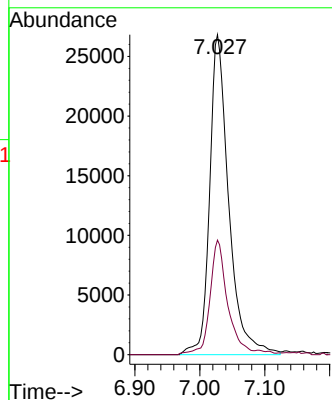
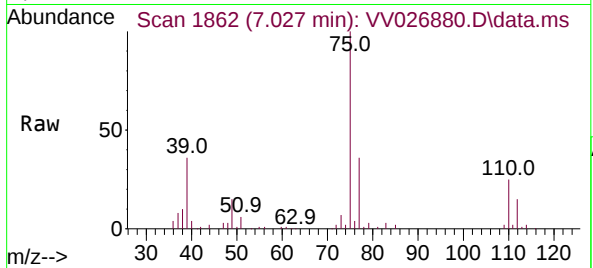
ClientSampleId :

Tgt Ion: 75 Resp: 54751

Ion Ratio Lower Upper

75 100

77 35.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 18.713 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

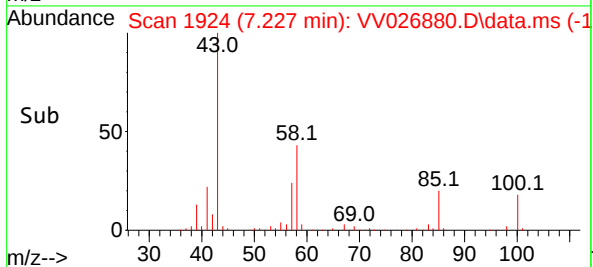
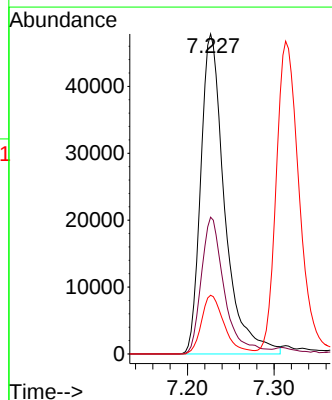
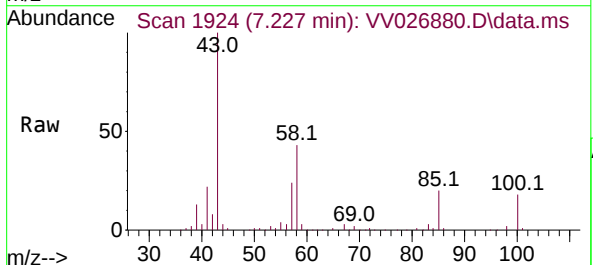
Tgt Ion: 43 Resp: 92011

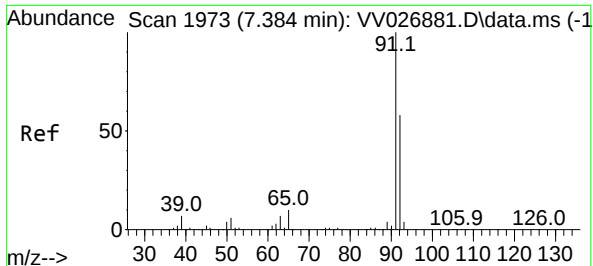
Ion Ratio Lower Upper

43 100

58 40.1 35.0 52.6

100 17.6 15.4 23.0

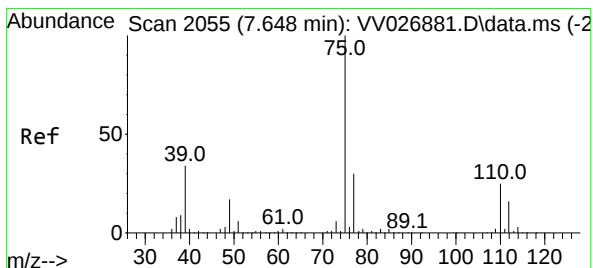
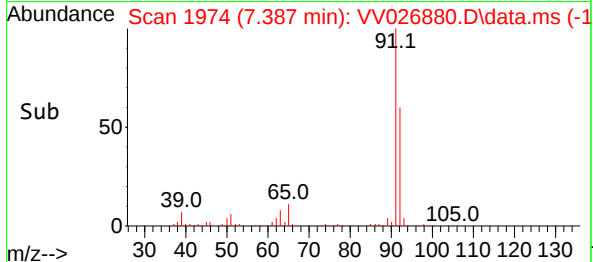
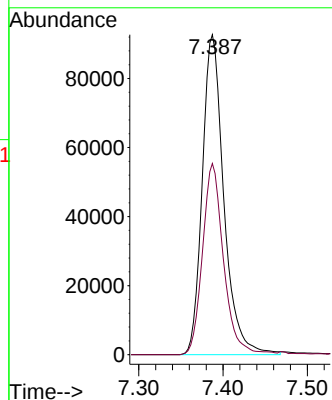
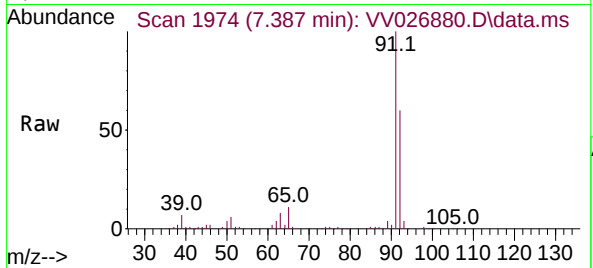




#42
Toluene
Concen: 8.768 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

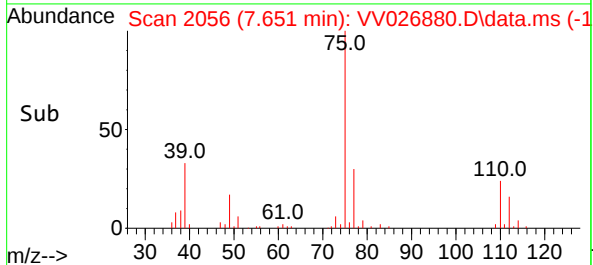
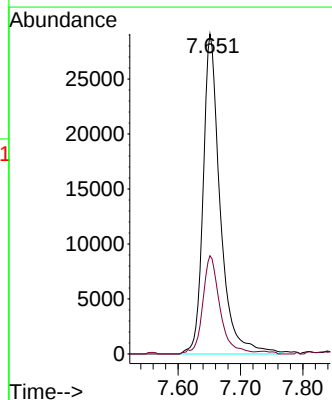
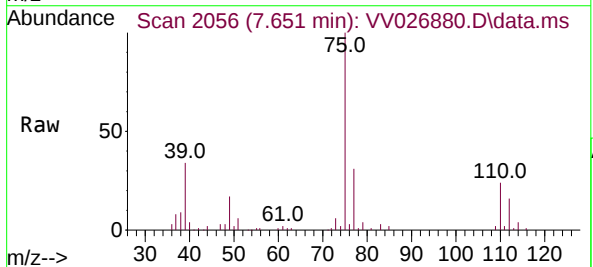
Instrument :
MSVOA_V
ClientSampleId :

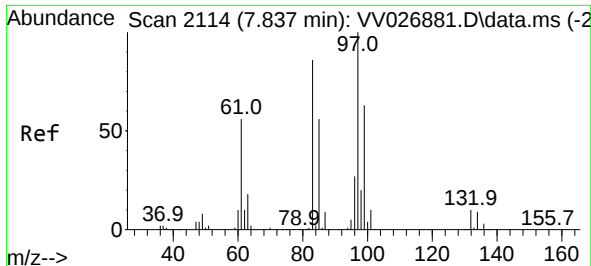
Tgt Ion: 91 Resp: 165076
Ion Ratio Lower Upper
91 100
92 59.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 9.417 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion: 75 Resp: 55445
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 10.097 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 48266

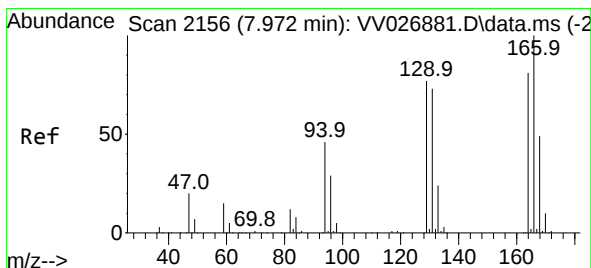
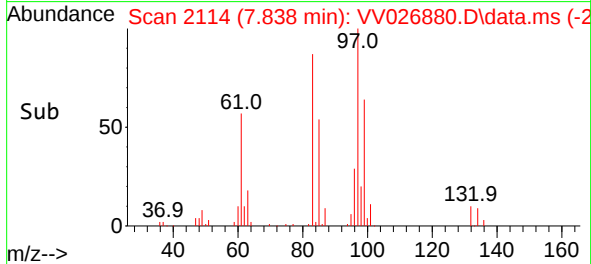
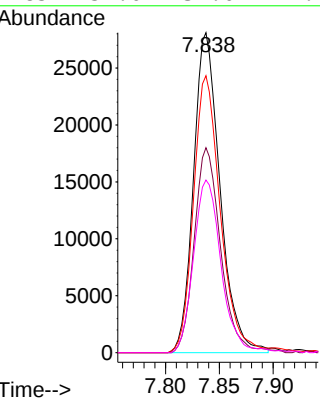
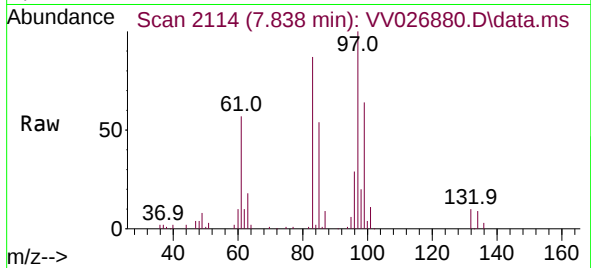
Ion Ratio Lower Upper

97 100

99 64.1 44.0 81.8

83 86.6 59.9 111.3

85 54.0 39.0 72.4



#46

Tetrachloroethene

Concen: 9.459 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Tgt Ion:164 Resp: 34574

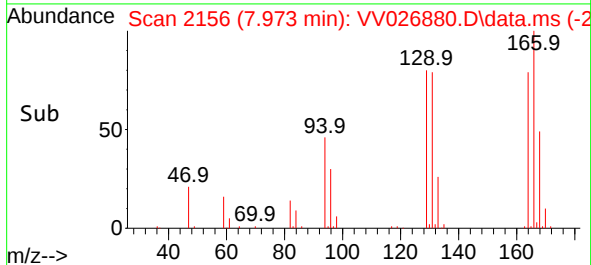
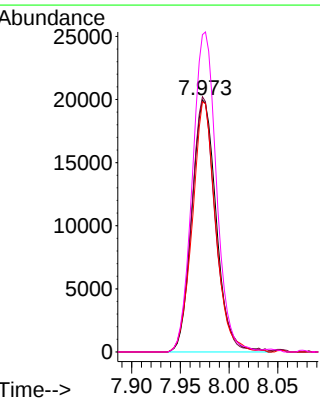
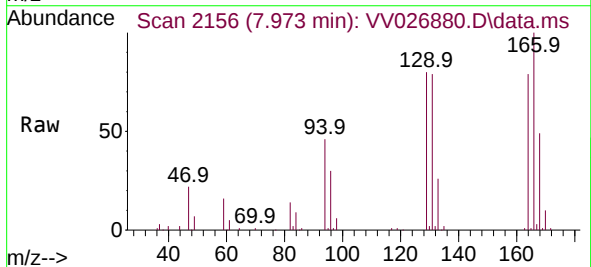
Ion Ratio Lower Upper

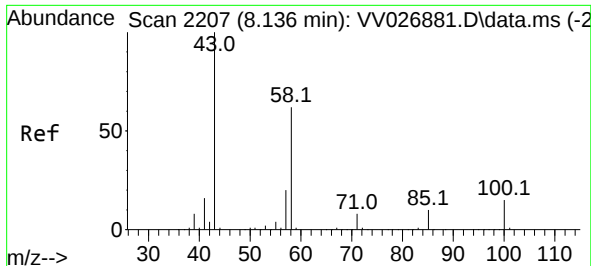
164 100

129 101.3 66.3 123.1

131 99.3 63.1 117.3

166 125.9 86.2 160.2

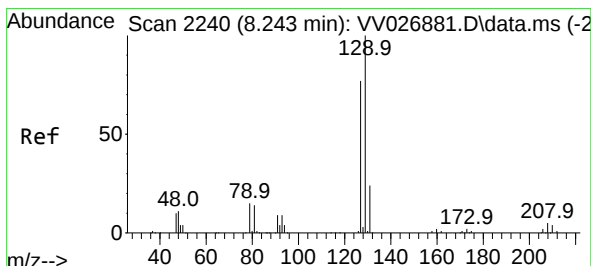
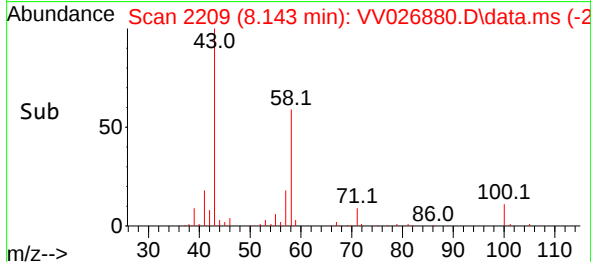
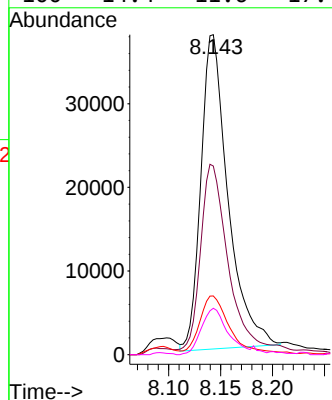
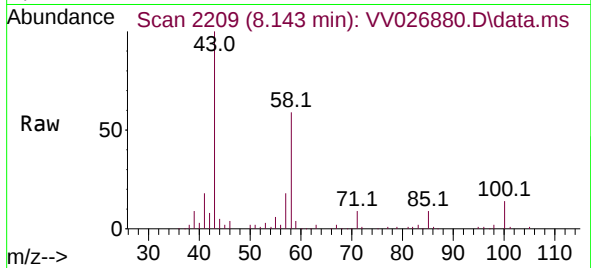




#48
2-Hexanone
Concen: 18.209 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

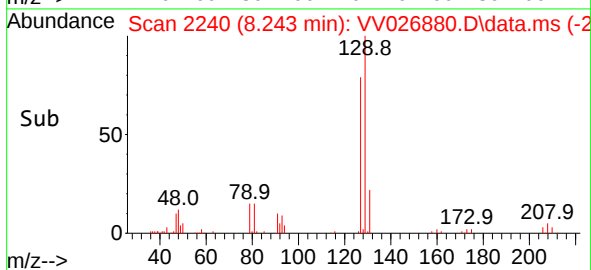
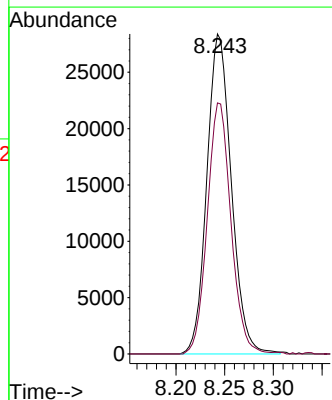
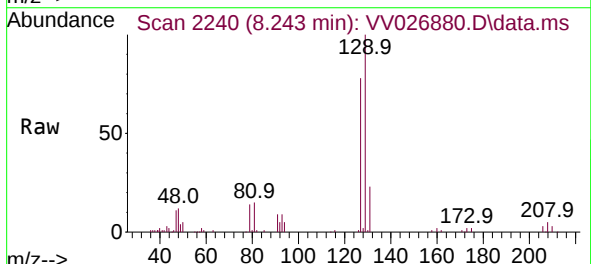
Instrument :
MSVOA_V
ClientSampleId :

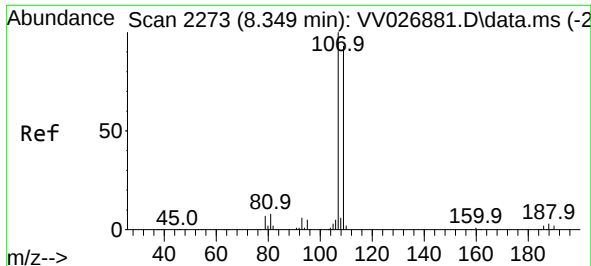
Tgt Ion: 43	Resp: 68435
Ion Ratio	Lower Upper
43 100	
58 59.2	48.8 73.2
57 19.2	16.6 24.8
100 14.4	11.6 17.4



#49
Dibromochloromethane
Concen: 10.635 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:129	Resp: 49669		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 9.972 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

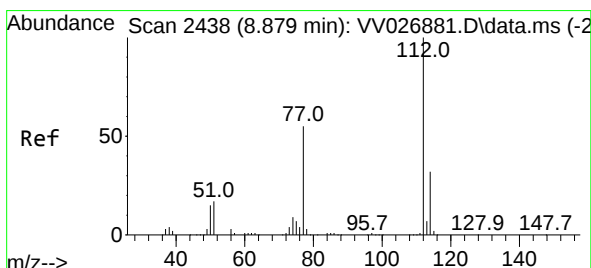
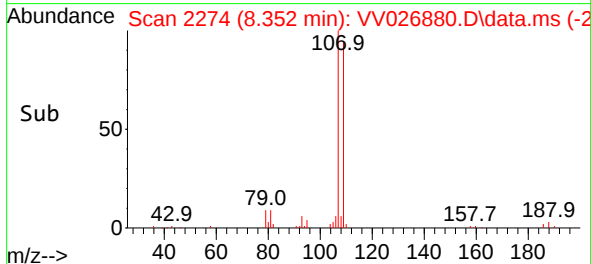
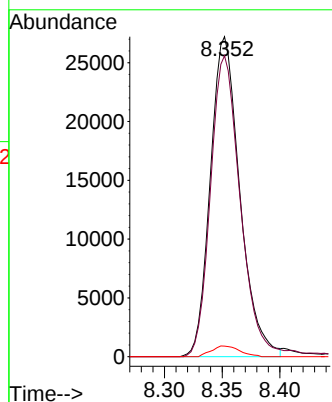
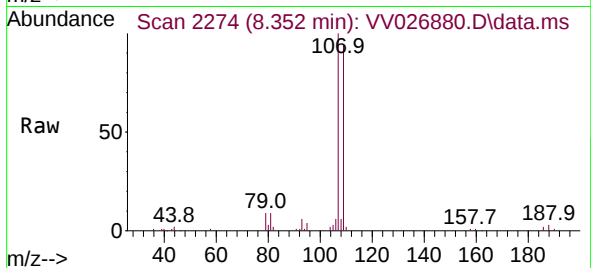
Tgt Ion:107 Resp: 48446

Ion Ratio Lower Upper

107 100

109 94.1 64.9 120.5

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 9.678 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

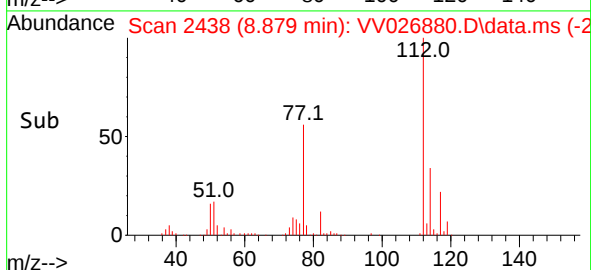
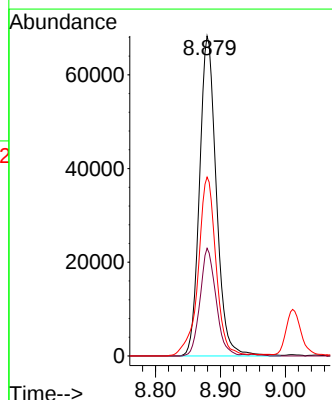
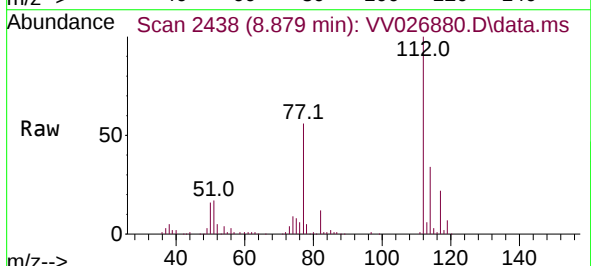
Tgt Ion:112 Resp: 123052

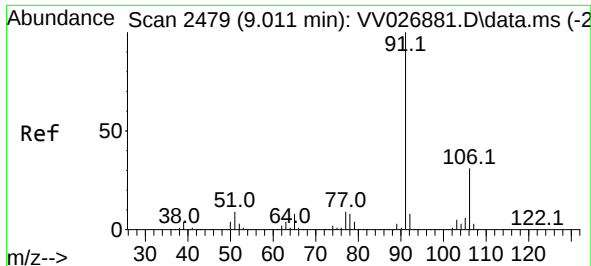
Ion Ratio Lower Upper

112 100

114 33.6 22.7 42.1

77 55.9 44.4 66.6





#52

Ethylbenzene

Concen: 8.498 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

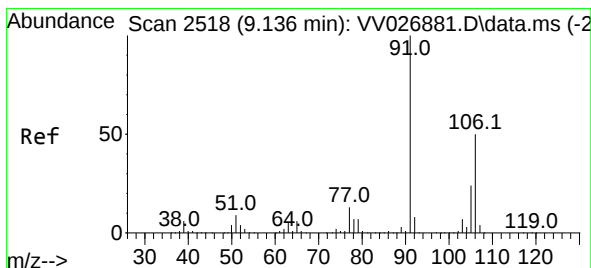
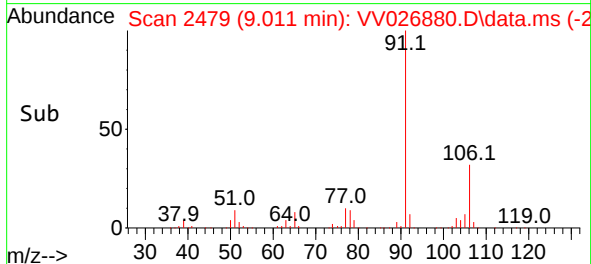
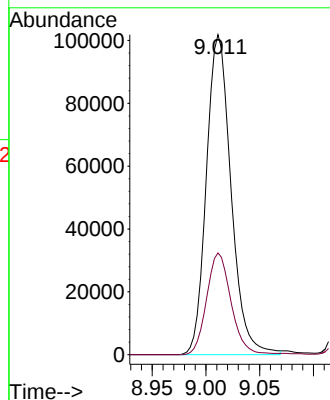
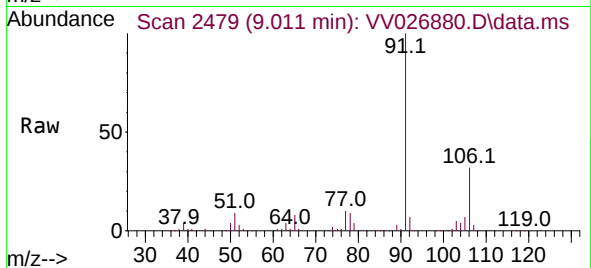
ClientSampleId :

Tgt Ion: 91 Resp: 162633

Ion Ratio Lower Upper

91 100

106 31.8 22.0 40.8



#53

m,p-Xylene

Concen: 8.260 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV026880.D

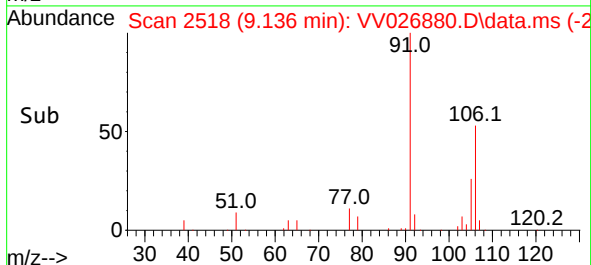
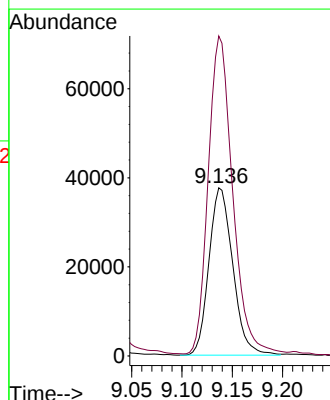
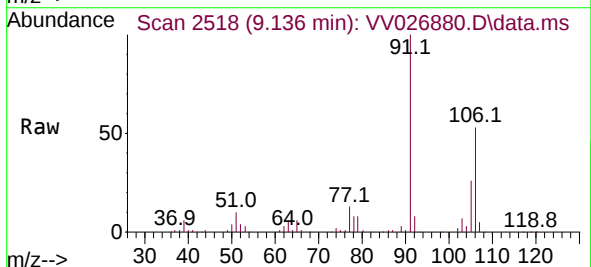
Acq: 22 Jul 2022 10:52

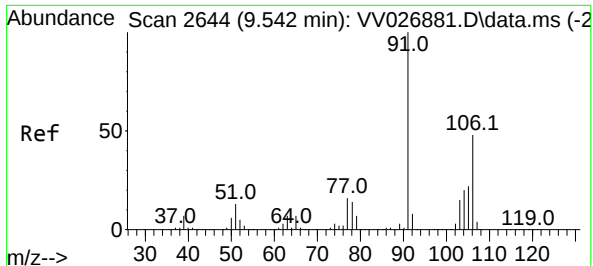
Tgt Ion: 106 Resp: 62095

Ion Ratio Lower Upper

106 100

91 190.4 140.0 260.0

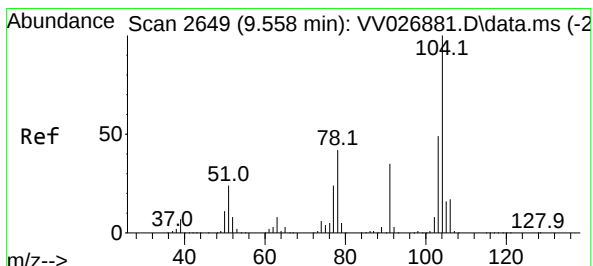
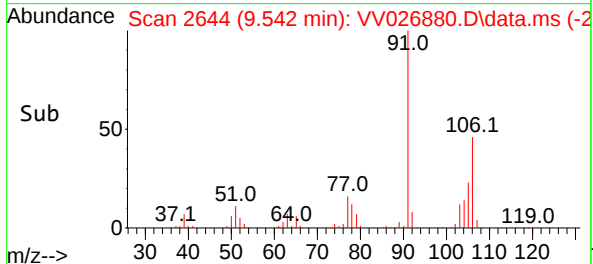
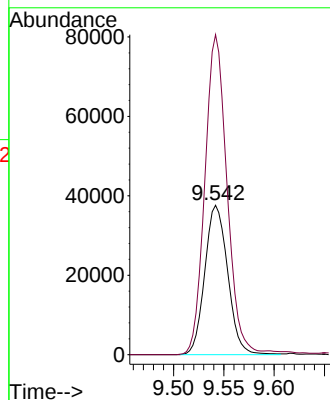
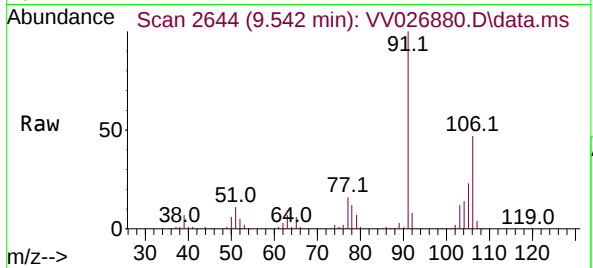




#54
o-Xylene
Concen: 8.252 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

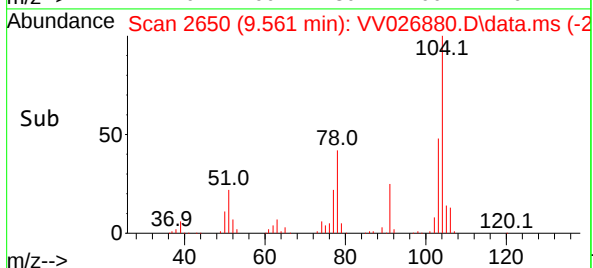
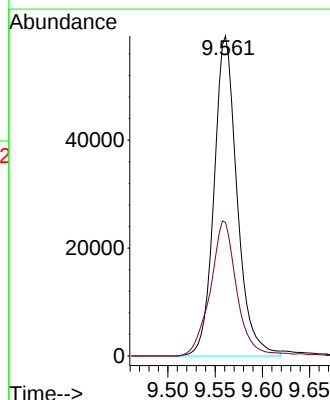
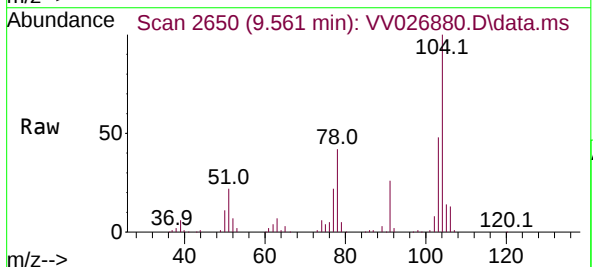
Instrument :
MSVOA_V
ClientSampleId :

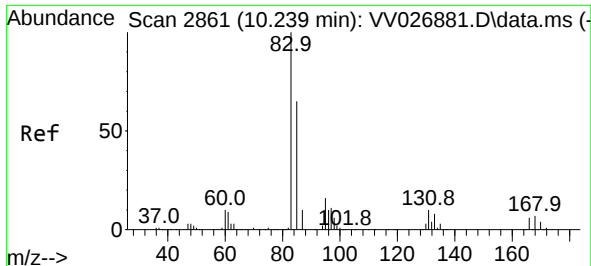
Tgt Ion:106 Resp: 59735
Ion Ratio Lower Upper
106 100
91 214.2 146.1 271.3



#55
Styrene
Concen: 7.891 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:104 Resp: 100497
Ion Ratio Lower Upper
104 100
78 41.8 29.6 55.0

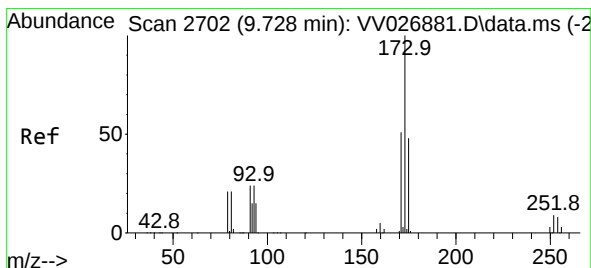
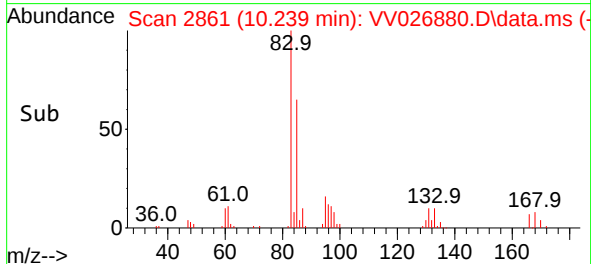
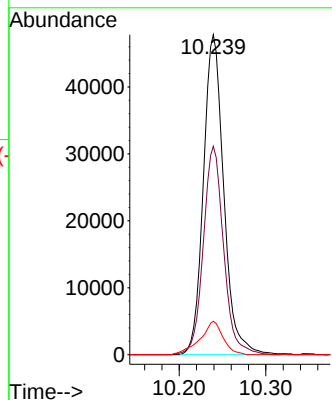
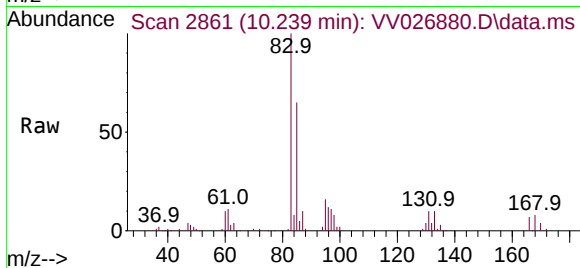




#57
1,1,2,2-Tetrachloroethane
Concen: 10.379 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

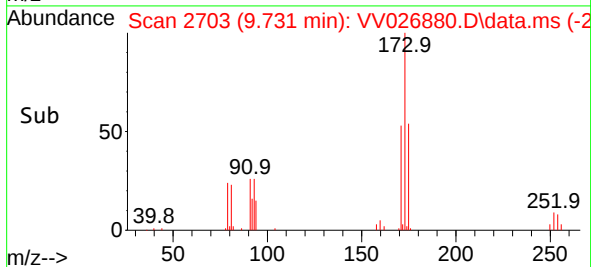
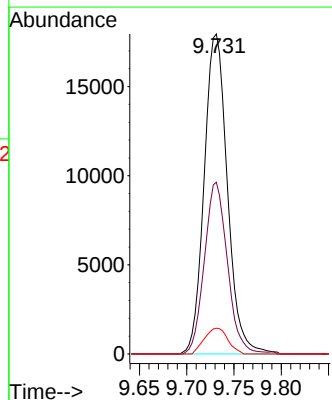
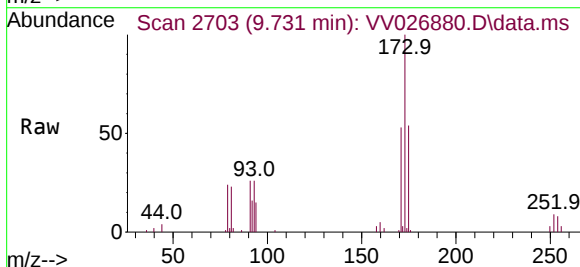
Instrument :
MSVOA_V
ClientSampleId :

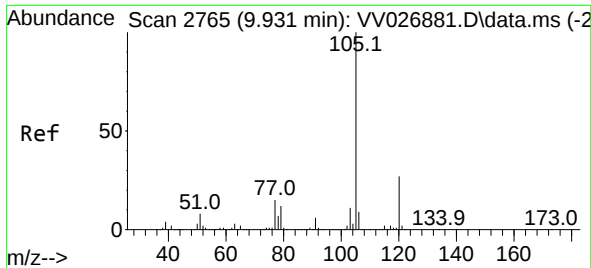
Tgt Ion: 83 Resp: 77988
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
131 10.5 7.8 11.6



#59
Bromoform
Concen: 11.285 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

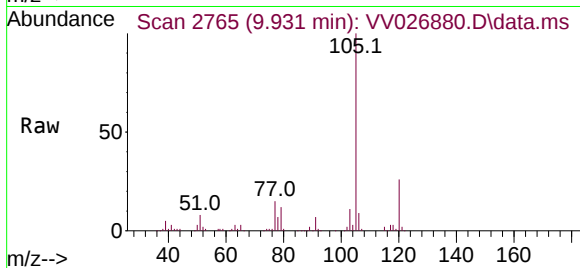
Tgt Ion: 173 Resp: 30683
Ion Ratio Lower Upper
173 100
175 53.1 38.6 57.8
254 8.1 6.6 10.0



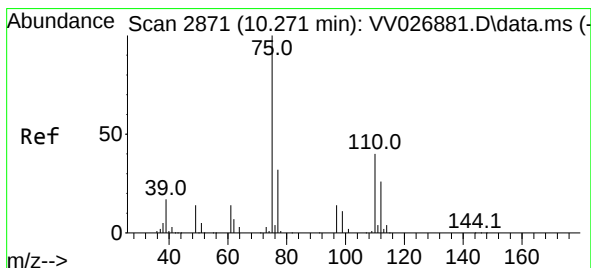
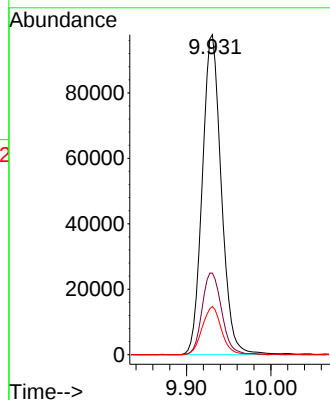
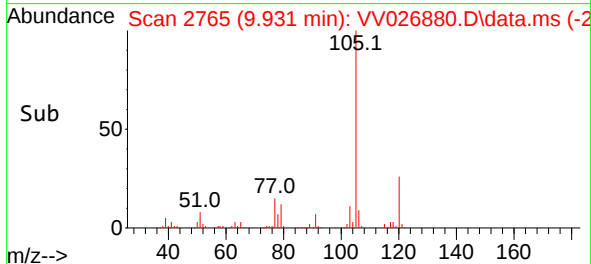


#60
Isopropylbenzene
Concen: 8.616 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Instrument :
MSVOA_V
ClientSampleId :

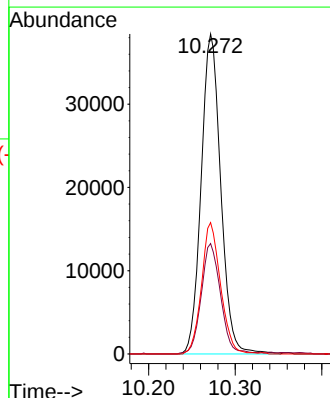
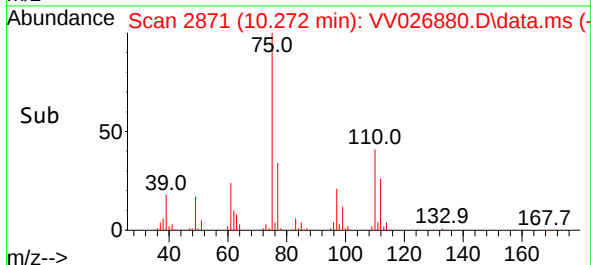
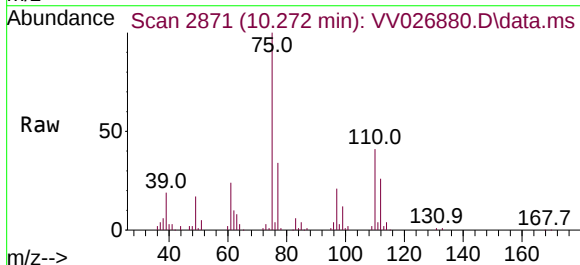


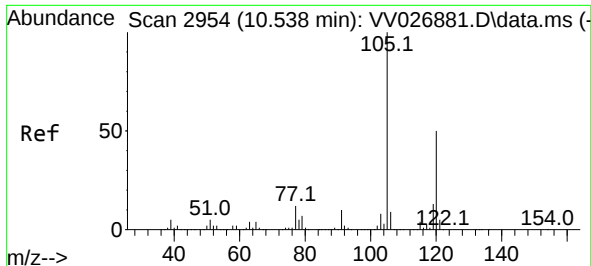
Tgt Ion:105 Resp: 153556
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 11.180 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion: 75 Resp: 60317
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
110 39.8 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 7.886 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

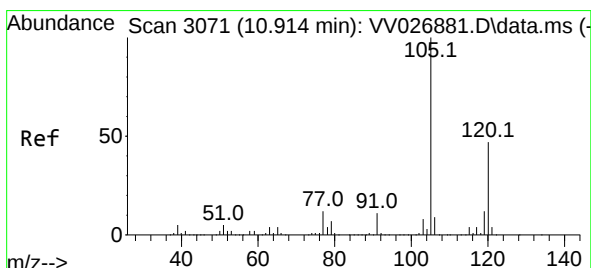
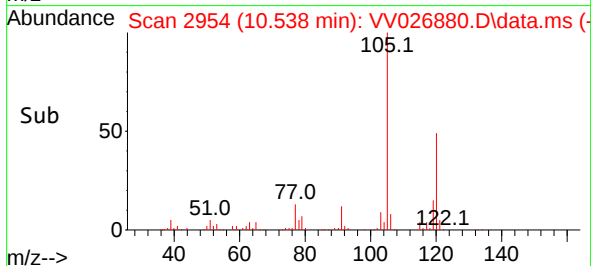
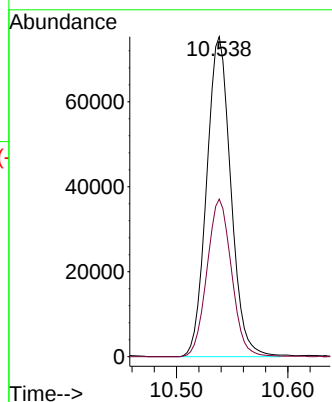
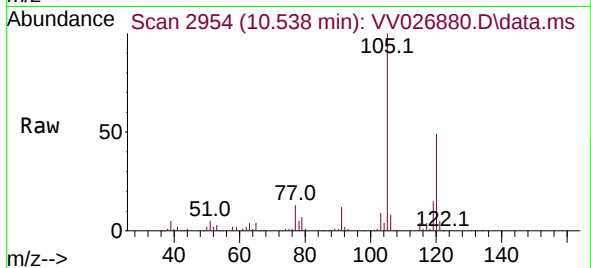
ClientSampleId :

Tgt Ion:105 Resp: 113857

Ion Ratio Lower Upper

105 100

120 49.9 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 7.812 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026880.D

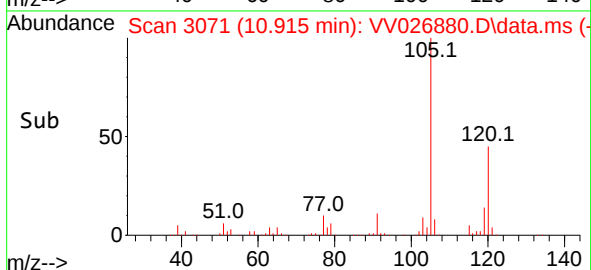
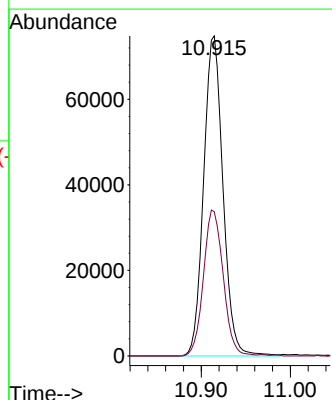
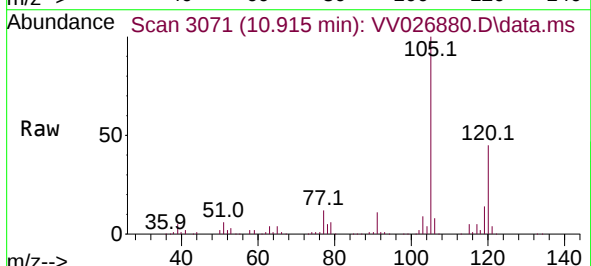
Acq: 22 Jul 2022 10:52

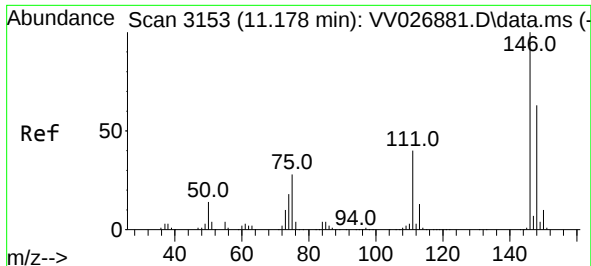
Tgt Ion:105 Resp: 112671

Ion Ratio Lower Upper

105 100

120 46.6 37.1 55.7

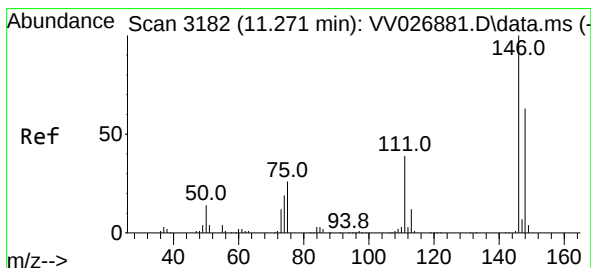
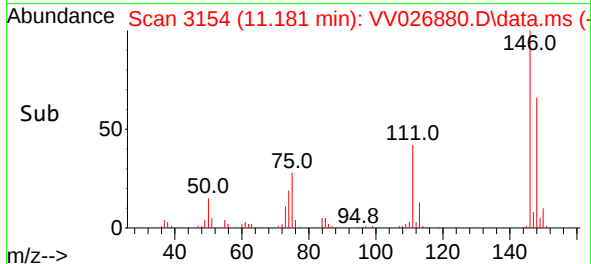
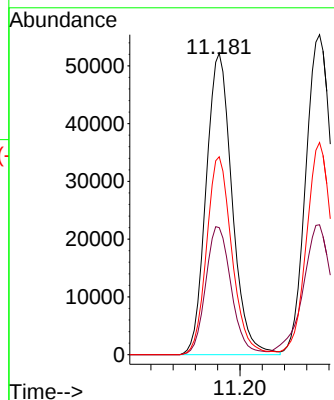
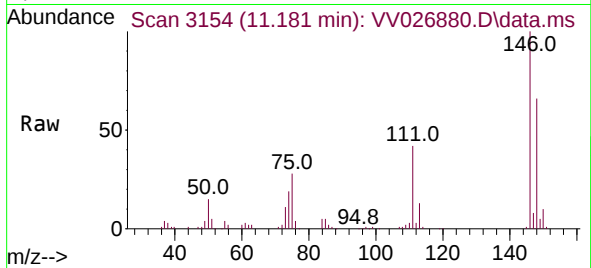




#64
1,3-Dichlorobenzene
Concen: 9.312 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

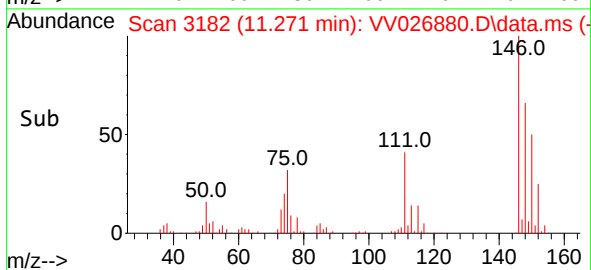
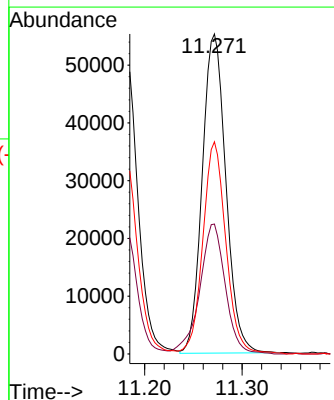
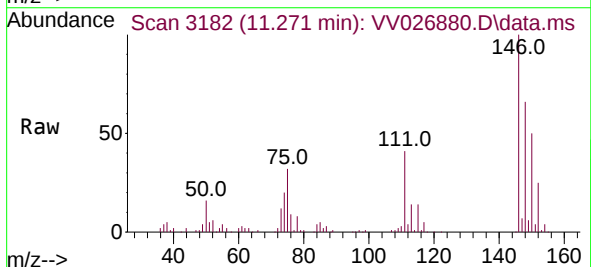
Instrument :
MSVOA_V
ClientSampleId :

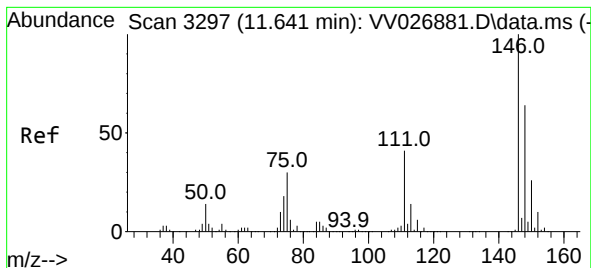
Tgt Ion:146 Resp: 84541
Ion Ratio Lower Upper
146 100
111 42.2 27.9 51.9
148 65.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 9.883 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026880.D
Acq: 22 Jul 2022 10:52

Tgt Ion:146 Resp: 93065
Ion Ratio Lower Upper
146 100
111 40.6 27.4 51.0
148 66.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 9.442 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

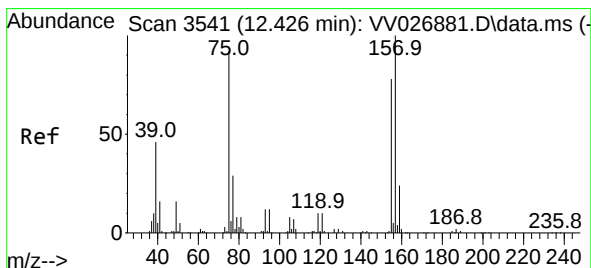
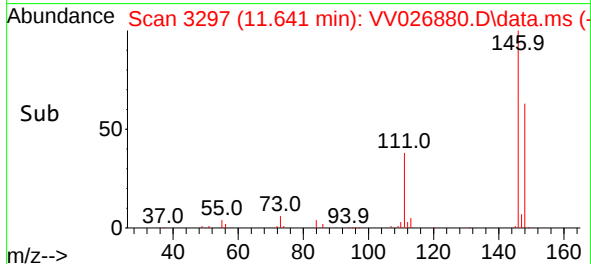
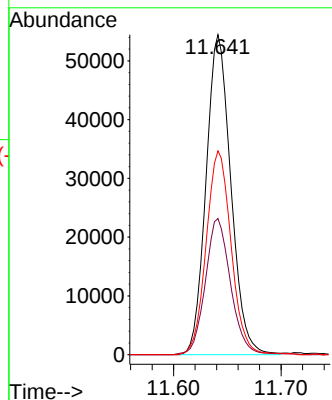
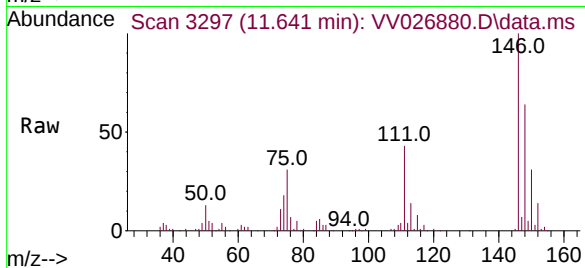
Tgt Ion:146 Resp: 87335

Ion Ratio Lower Upper

146 100

111 42.5 33.2 49.8

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 11.838 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

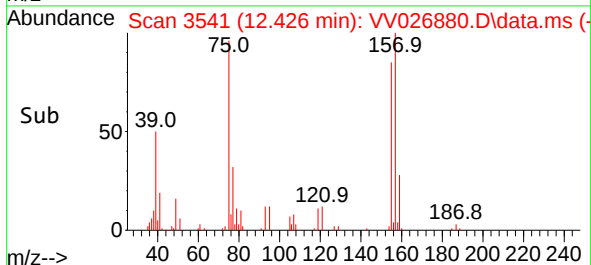
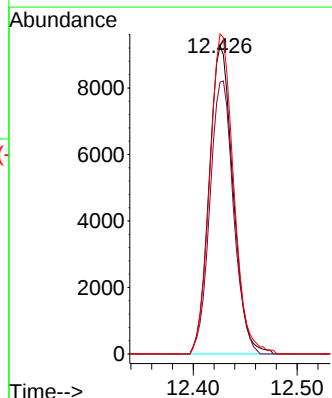
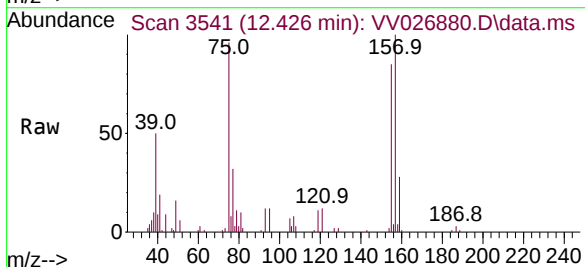
Tgt Ion: 75 Resp: 14815

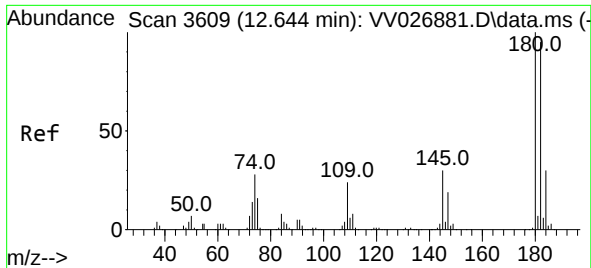
Ion Ratio Lower Upper

75 100

155 88.2 67.7 101.5

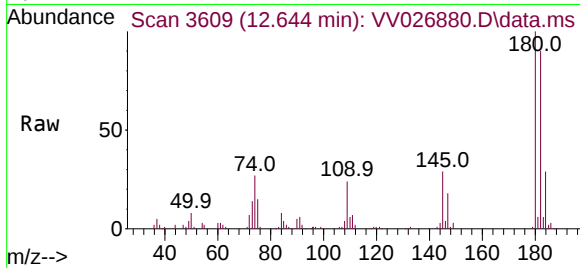
157 103.8 87.1 130.7



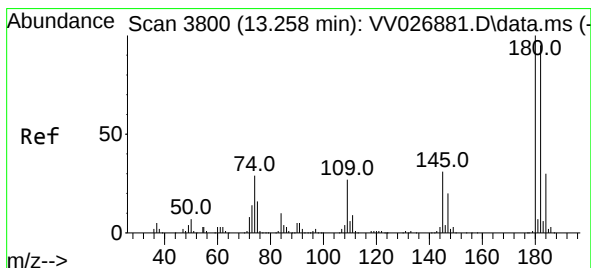
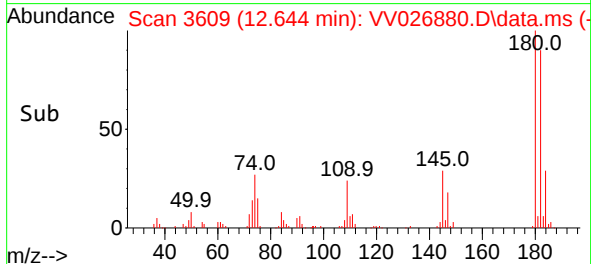
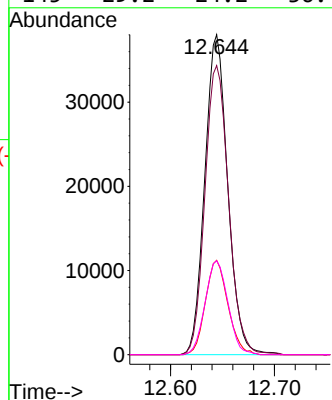


#69
 1,3,5-Trichlorobenzene
 Concen: 9.331 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

Instrument :
 MSVOA_V
 ClientSampleId :

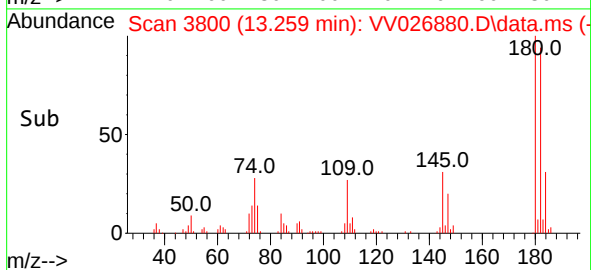
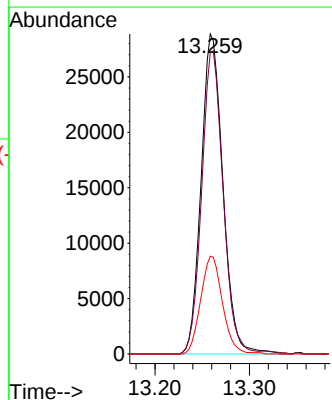
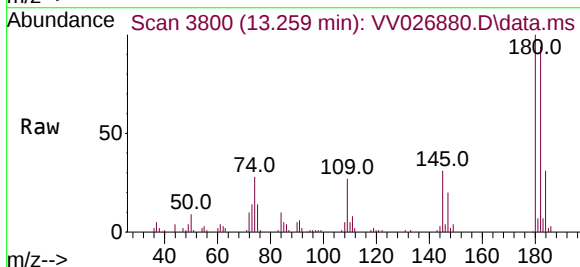


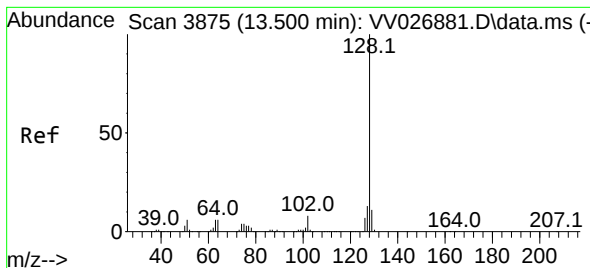
Tgt Ion:180	Resp:	58224
Ion Ratio	Lower	Upper
180	100	
182	93.1	75.6 113.4
184	29.0	23.8 35.8
145	29.2	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 8.831 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026880.D
 Acq: 22 Jul 2022 10:52

Tgt Ion:180	Resp:	46237
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.2 114.4
145	30.4	25.0 37.6





#71

Naphthalene

Concen: 7.895 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

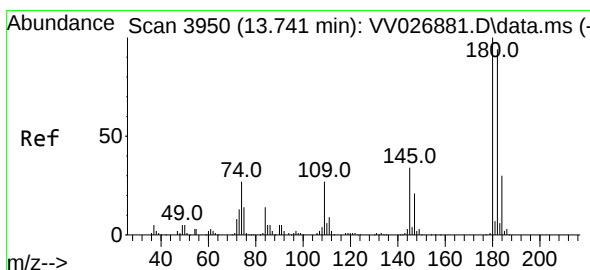
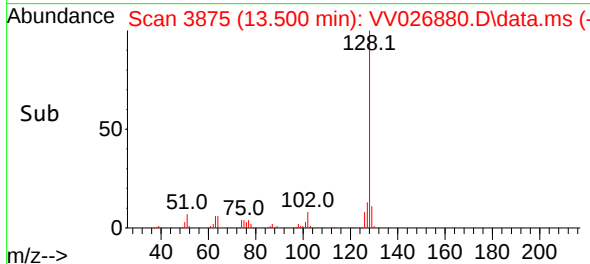
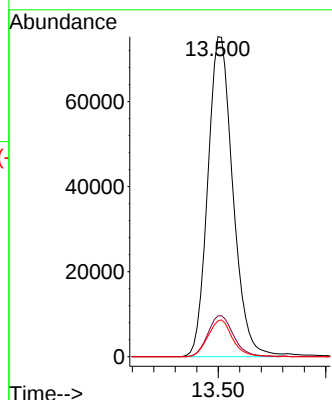
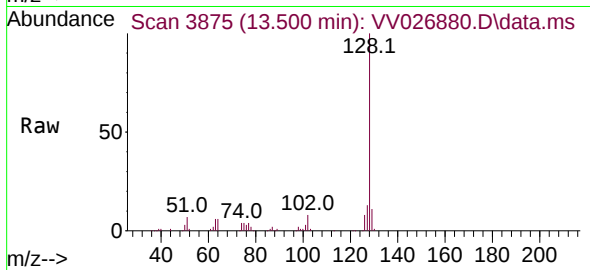
Tgt Ion:128 Resp: 121832

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.792 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026880.D

Acq: 22 Jul 2022 10:52

Tgt Ion:180 Resp: 47545

Ion Ratio Lower Upper

180 100

182 93.7 75.4 113.2

145 34.0 26.6 40.0

