

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026881.D
 Acq On : 22 Jul 2022 11:16
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 23:52:17 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	5.612	114	560240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	580737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	336712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	240504	51.932	ug/L	0.00
7) Chloroethane-d5	1.564	69	197044	50.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	429414	49.898	ug/L	0.00
21) 2-Butanone-d5	3.879	46	340302	136.558	ug/L	0.00
24) Chloroform-d	4.346	84	478615	53.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	274118	53.506	ug/L	0.00
32) Benzene-d6	5.047	84	935034	52.663	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	293183	52.226	ug/L	0.00
41) Toluene-d8	7.313	98	854148	54.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	123141	54.588	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	276328	134.175	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	449131	54.897	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	323558	49.076	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	279502	64.423	ug/L	100
3) Chloromethane	1.240	50	265239	52.470	ug/L	100
5) Vinyl chloride	1.307	62	286862	53.366	ug/L	100
6) Bromomethane	1.519	94	169299	50.371	ug/L	100
8) Chloroethane	1.580	64	169661	48.175	ug/L	100
9) Trichlorofluoromethane	1.748	101	389670	52.027	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	227589	51.862	ug/L	100
12) 1,1-Dichloroethene	2.114	96	214336	49.975	ug/L	100
13) Acetone	2.172	43	222859	124.004	ug/L	100
14) Carbon disulfide	2.288	76	608689	51.009	ug/L	100
15) Methyl Acetate	2.429	43	248300	65.813	ug/L	100
16) Methylene chloride	2.503	84	264311	51.915	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	226400	51.034	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	652278	52.251	ug/L	100
19) 1,1-Dichloroethane	3.185	63	423583	52.436	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	246265	51.811	ug/L	100
22) 2-Butanone	3.963	43	335394	137.866	ug/L	100
23) Bromochloromethane	4.243	128	138704	51.200	ug/L	100
25) Chloroform	4.371	83	448857	52.516	ug/L	100
27) 1,2-Dichloroethane	5.127	62	317370	54.576	ug/L	100
29) Cyclohexane	4.674	56	316370	51.591	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	381103	50.282	ug/L	100
31) Carbon tetrachloride	4.825	117	331908	51.925	ug/L	100
33) Benzene	5.095	78	975536	51.879	ug/L	100
34) Trichloroethene	5.911	95	236554	49.766	ug/L	100
35) Methylcyclohexane	6.130	83	368415	51.240	ug/L	100
37) 1,2-Dichloropropane	6.172	63	254936	51.655	ug/L	100
38) Bromodichloromethane	6.506	83	325980	51.568	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	335304	51.225	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	641339	124.822	ug/L	100
42) Toluene	7.384	91	1040161	52.870	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	343003	55.753	ug/L	100

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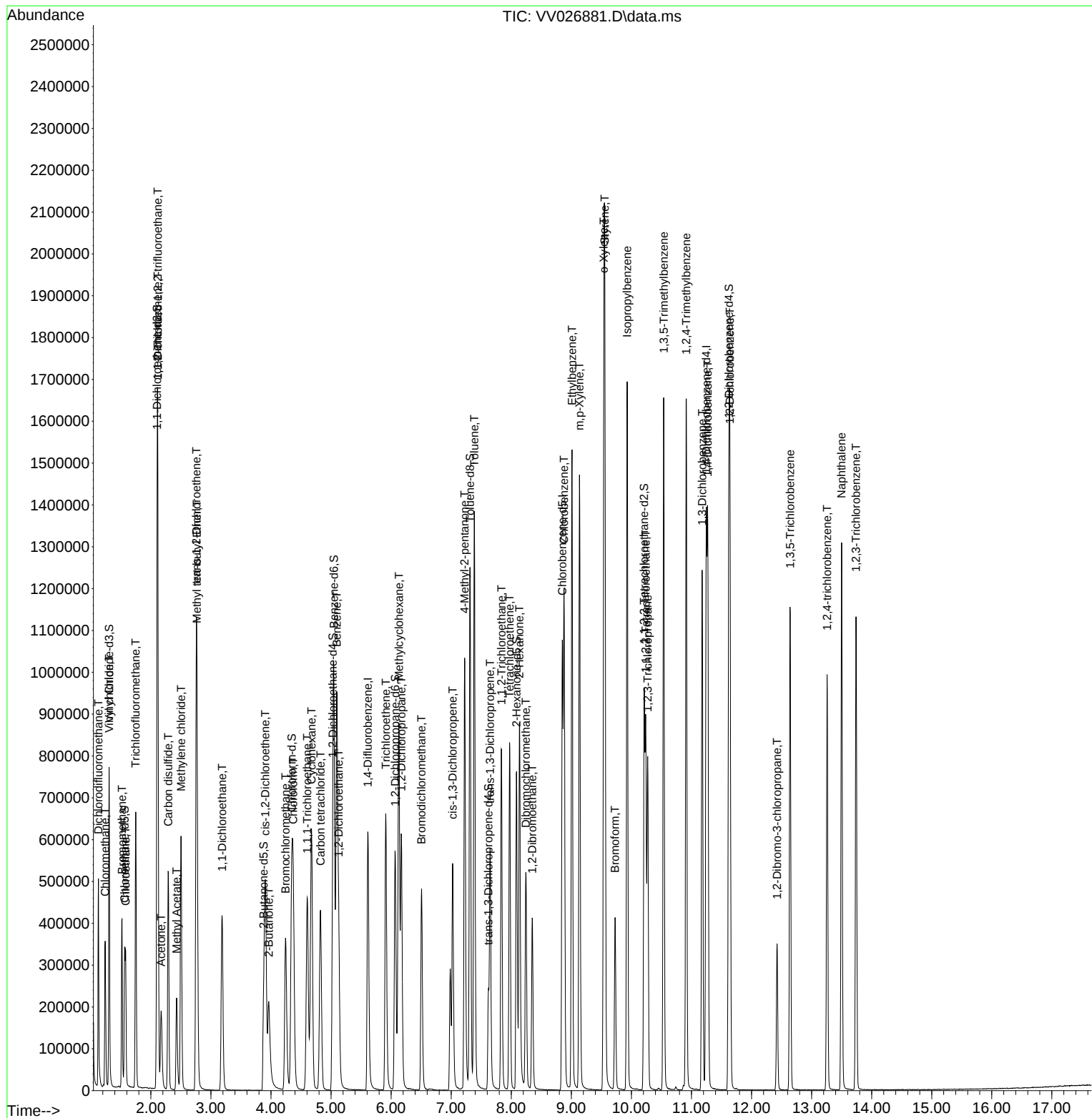
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	261146	52.280	ug/L	100
46) Tetrachloroethene	7.972	164	187561	49.107	ug/L	100
48) 2-Hexanone	8.136	43	525479	133.803	ug/L	100
49) Dibromochloromethane	8.243	129	270612	55.451	ug/L	100
50) 1,2-Dibromoethane	8.349	107	267816	52.756	ug/L	100
51) Chlorobenzene	8.879	112	661768	49.808	ug/L	100
52) Ethylbenzene	9.011	91	1046406	52.324	ug/L	100
53) m,p-Xylene	9.136	106	423726	53.938	ug/L	100
54) o-Xylene	9.542	106	396451	52.411	ug/L	100
55) Styrene	9.558	104	752284	56.530	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	426125	54.273	ug/L	100
59) Bromoform	9.728	173	183110	58.955	ug/L	100
60) Isopropylbenzene	9.931	105	1043516	51.256	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	333168	54.058	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	845044	51.234	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	867913	52.676	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	516614	49.815	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	529530	49.227	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	527126	49.890	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	87299	61.066	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	350838	49.217	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	291303	48.702	ug/L	100
71) Naphthalene	13.500	128	994524	56.414	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	330640	53.524	ug/L	100

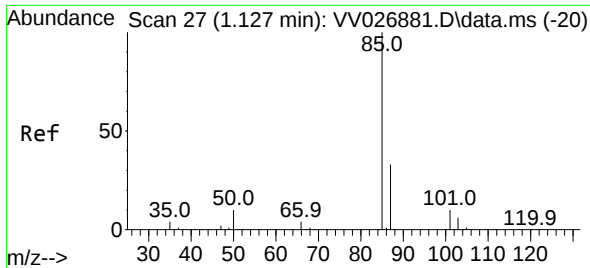
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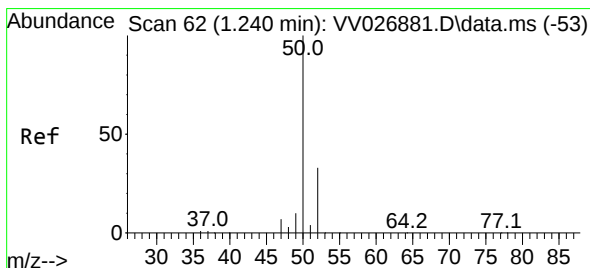
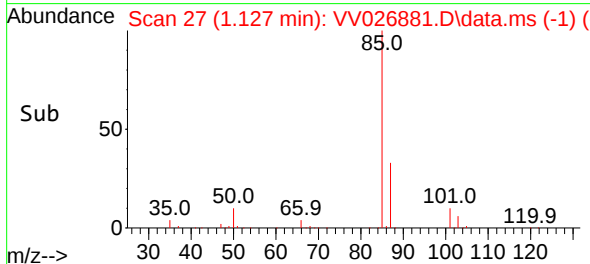
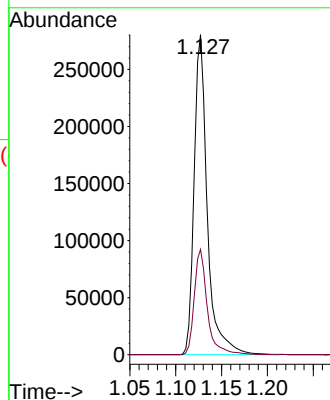
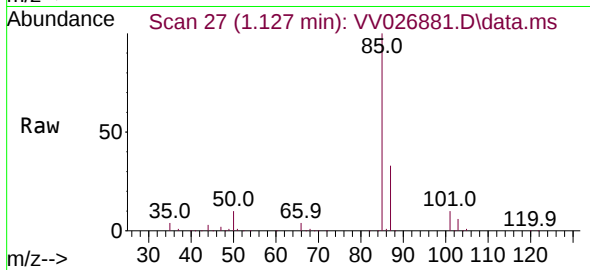




#2
 Dichlorodifluoromethane
 Concen: 64.423 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

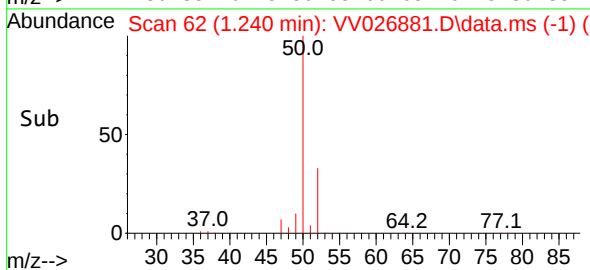
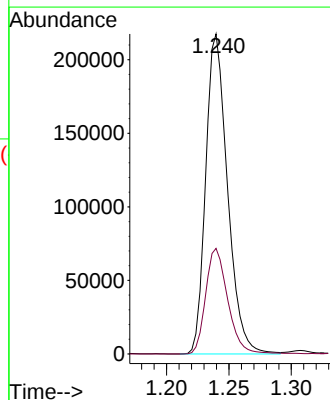
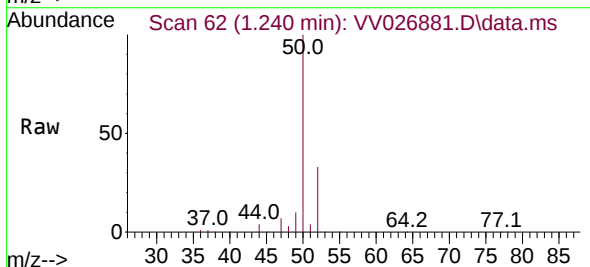
Instrument :
 MSVOA_V
 ClientSampleId :

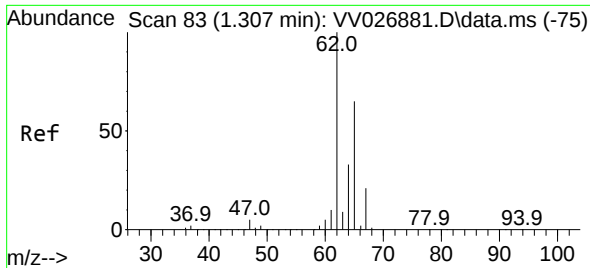
Tgt Ion: 85 Resp: 279502
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 52.470 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

Tgt Ion: 50 Resp: 265239
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

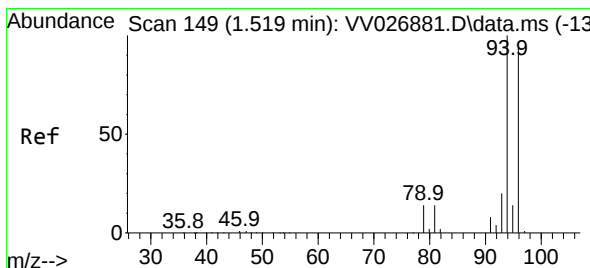
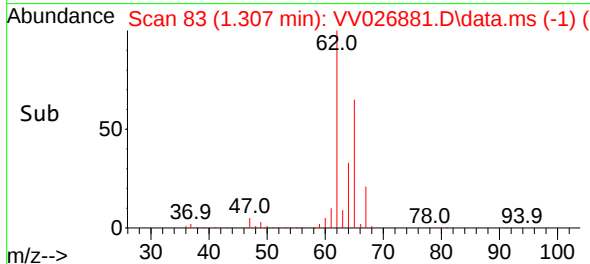
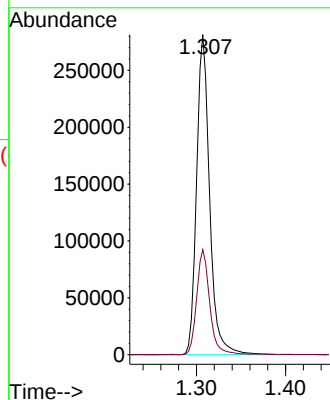
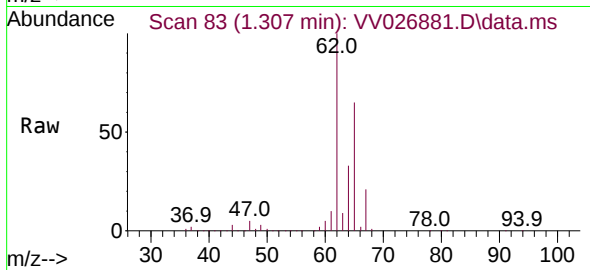




#5
 Vinyl chloride
 Concen: 53.366 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

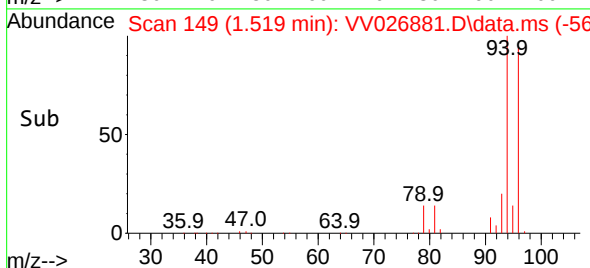
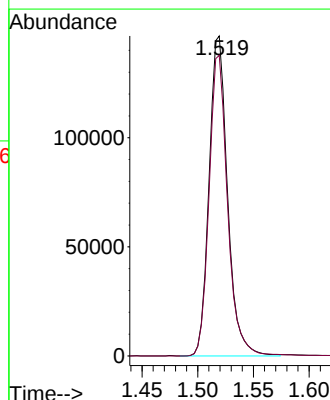
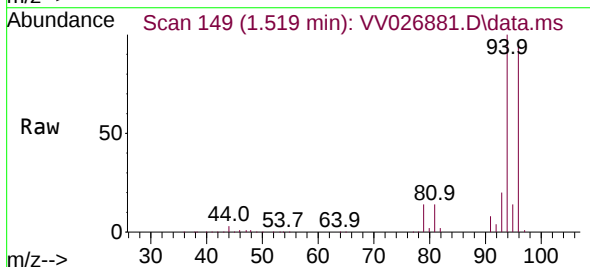
Instrument :
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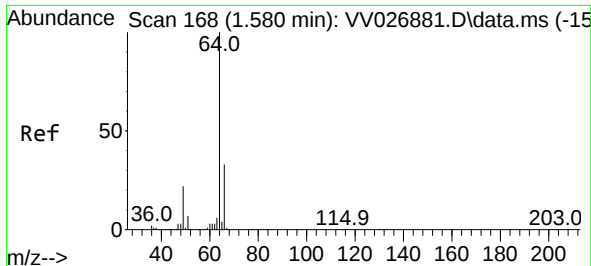
Tgt Ion: 62 Resp: 286862
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 50.371 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

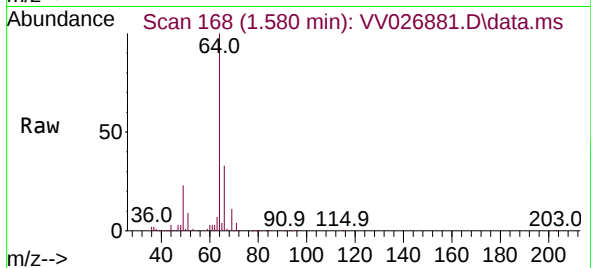
Tgt Ion: 94 Resp: 169299
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2



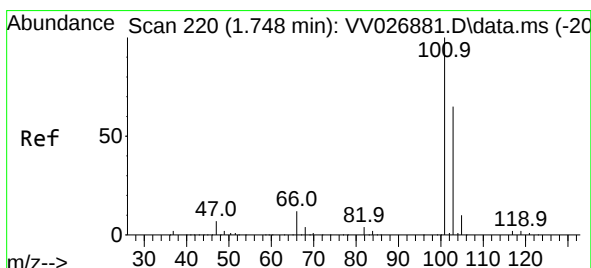
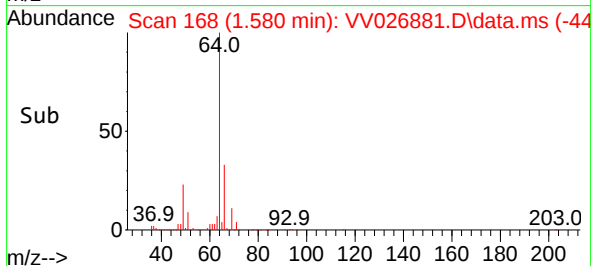
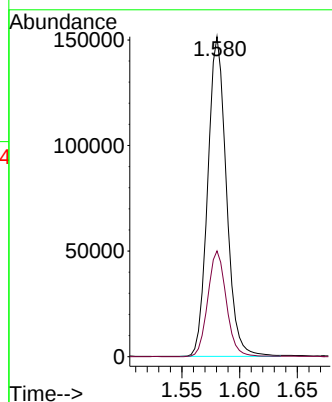


#8
Chloroethane
Concen: 48.175 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Instrument :
MSVOA_V
ClientSampleId :

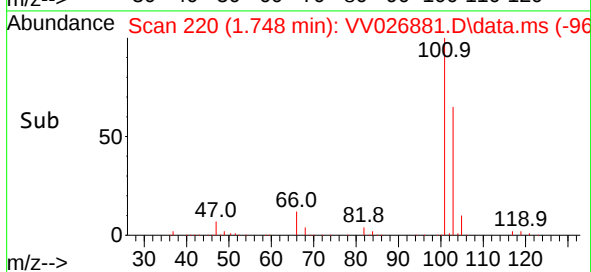
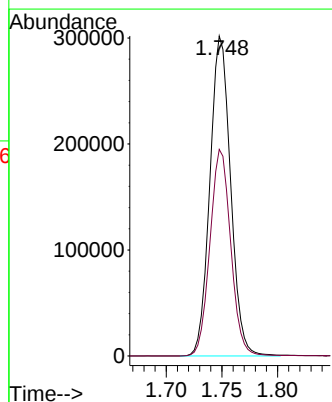
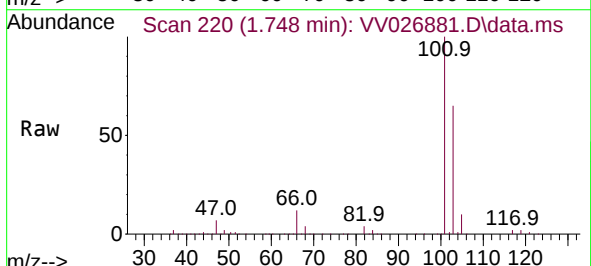


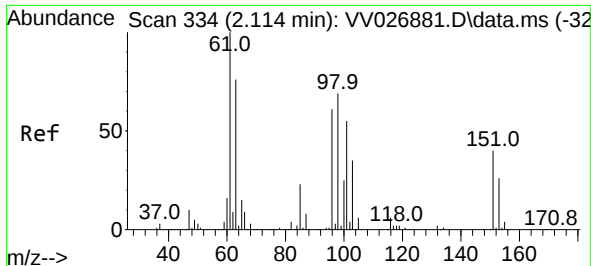
Tgt Ion: 64 Resp: 169661
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.027 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion:101 Resp: 389670
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.862 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

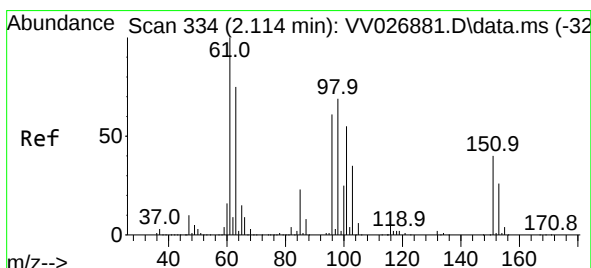
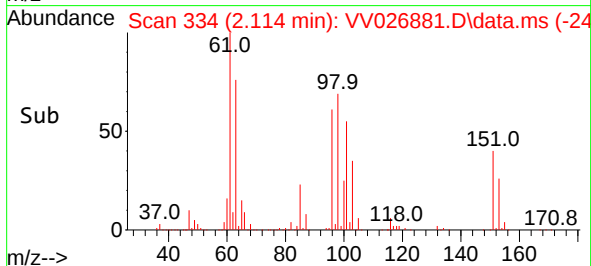
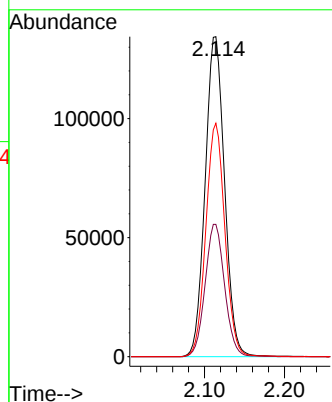
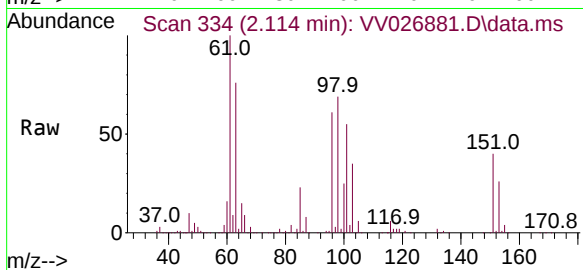
Tgt Ion:101 Resp: 227589

Ion Ratio Lower Upper

101 100

85 41.4 33.1 49.7

151 71.4 57.1 85.7



#12

1,1-Dichloroethene

Concen: 49.975 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

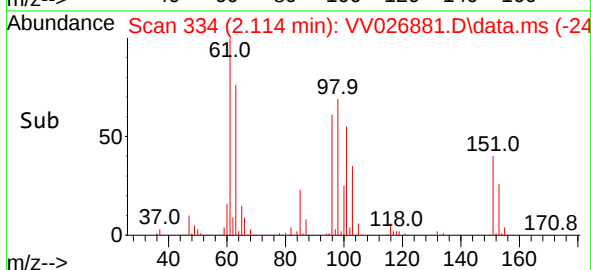
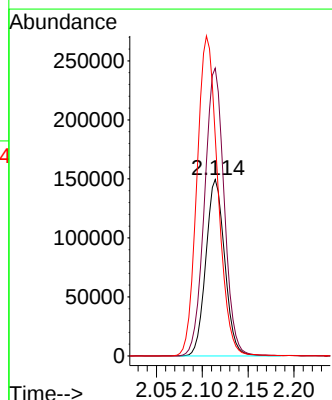
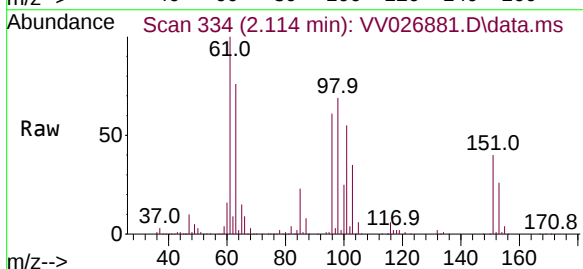
Tgt Ion: 96 Resp: 214336

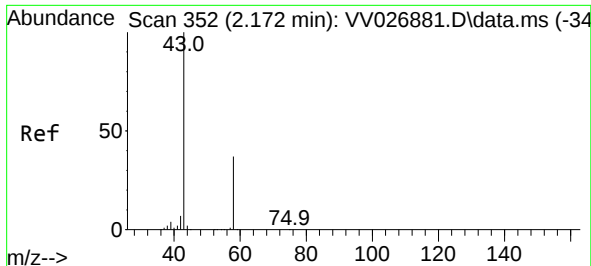
Ion Ratio Lower Upper

96 100

61 163.1 114.2 212.0

63 124.3 87.0 161.6

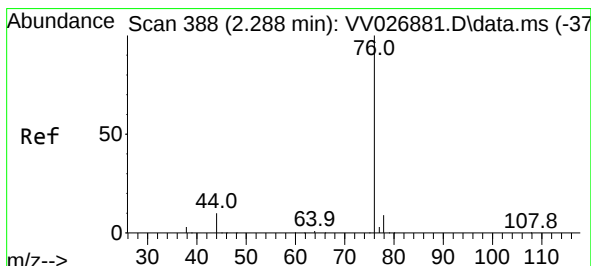
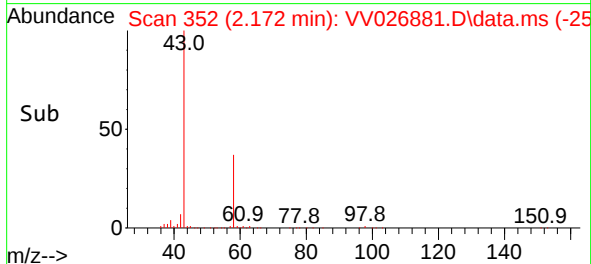
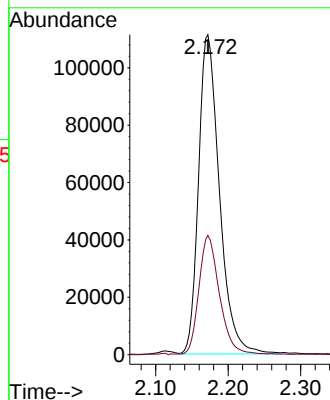
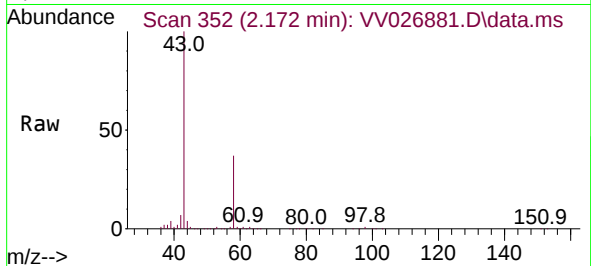




#13
Acetone
Concen: 124.004 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

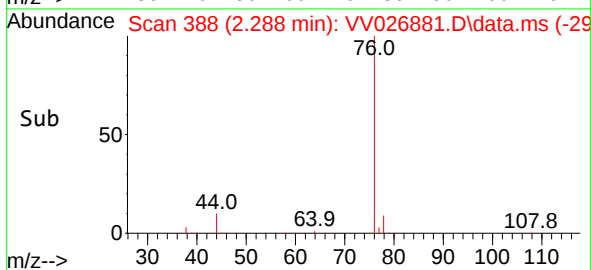
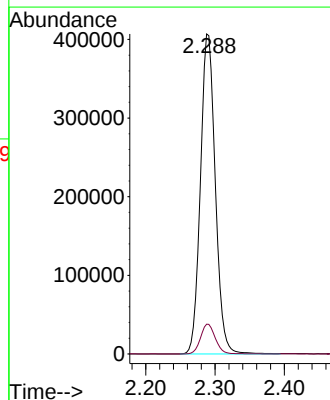
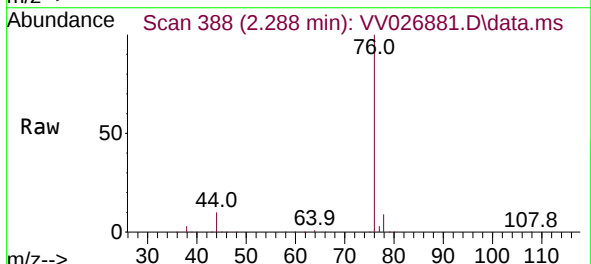
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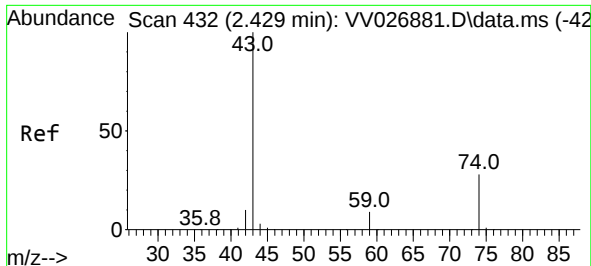
Tgt Ion: 43 Resp: 222859
Ion Ratio Lower Upper
43 100
58 36.3 0.0 72.6



#14
Carbon disulfide
Concen: 51.009 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 76 Resp: 608689
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

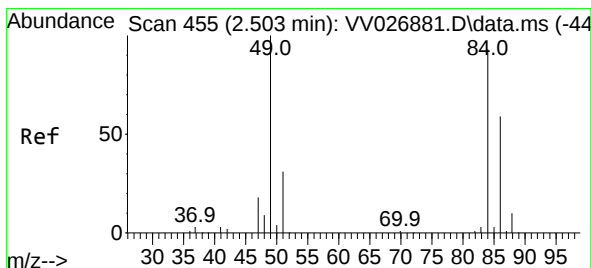
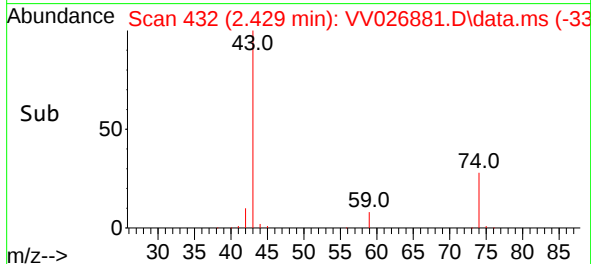
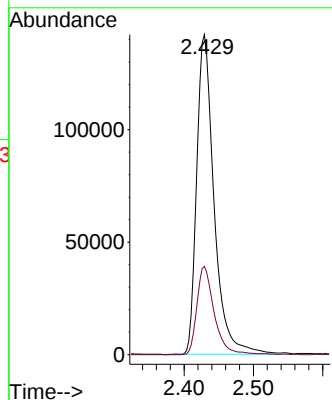
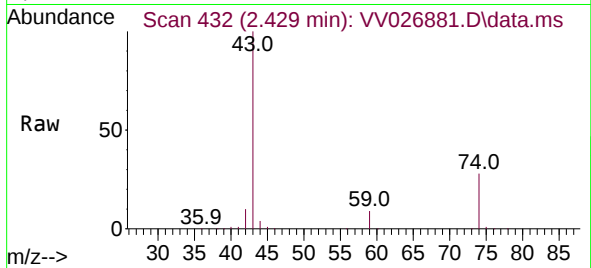




#15
Methyl Acetate
Concen: 65.813 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

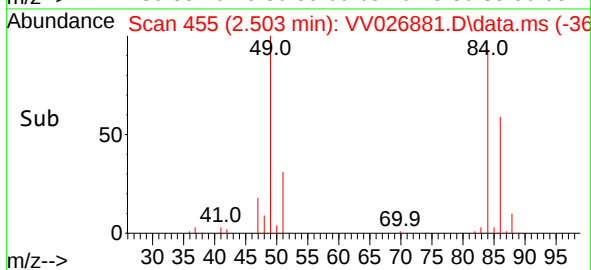
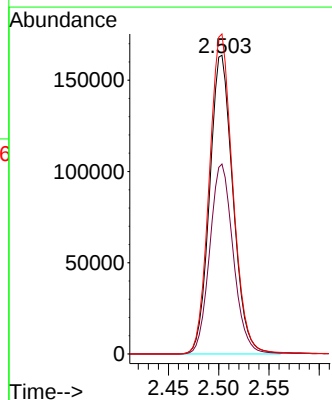
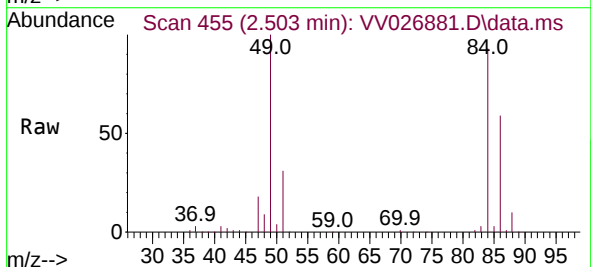
Instrument :
MSVOA_V
ClientSampleId :

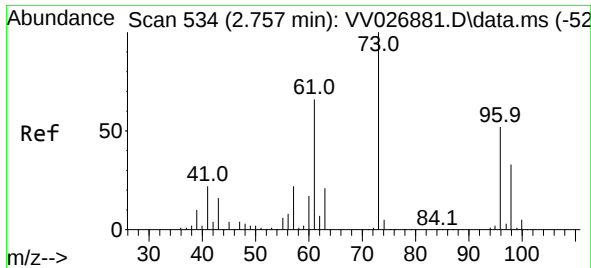
Tgt Ion: 43 Resp: 248300
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1



#16
Methylene chloride
Concen: 51.915 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 84 Resp: 264311
Ion Ratio Lower Upper
84 100
86 63.6 44.5 82.7
49 107.1 75.0 139.2

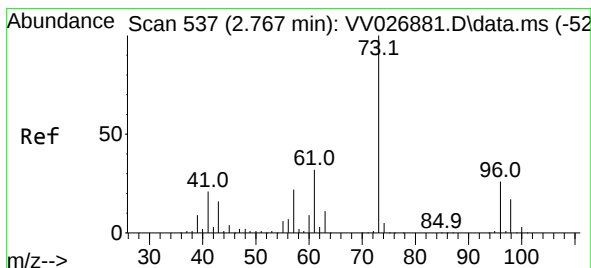
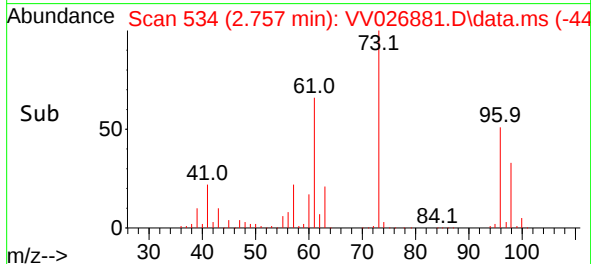
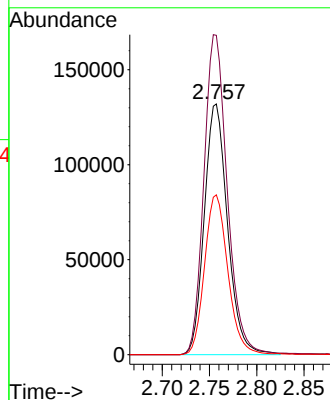
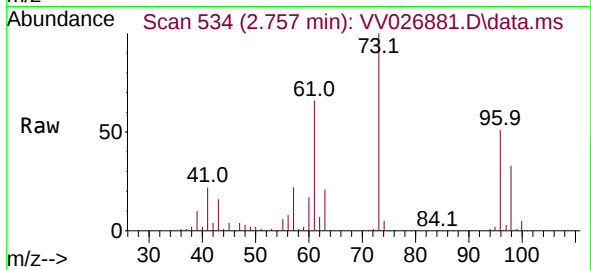




#17
trans-1,2-Dichloroethene
Concen: 51.034 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

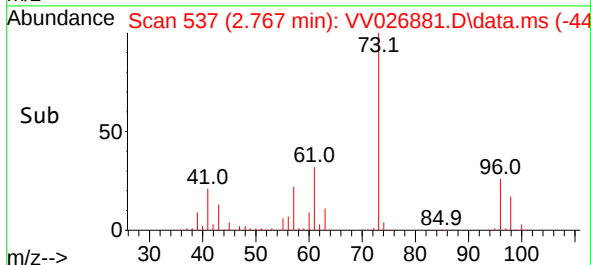
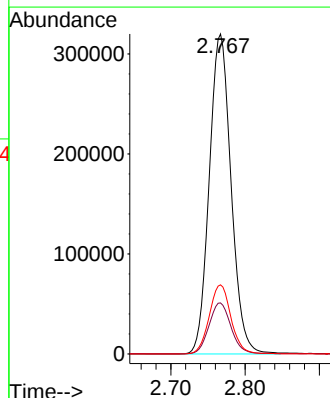
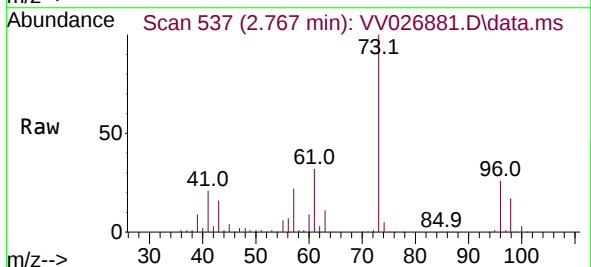
Instrument :
MSVOA_V
ClientSampleId :

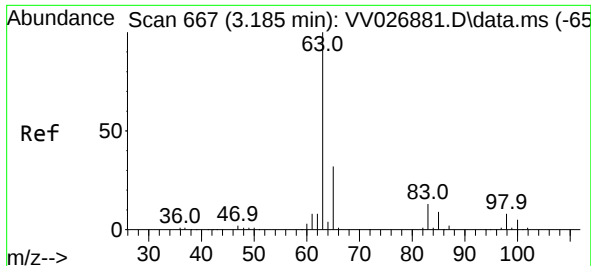
Tgt Ion: 96 Resp: 226400
Ion Ratio Lower Upper
96 100
61 127.4 89.2 165.6
98 63.8 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 52.251 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 73 Resp: 652278
Ion Ratio Lower Upper
73 100
43 16.0 12.8 19.2
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 52.436 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

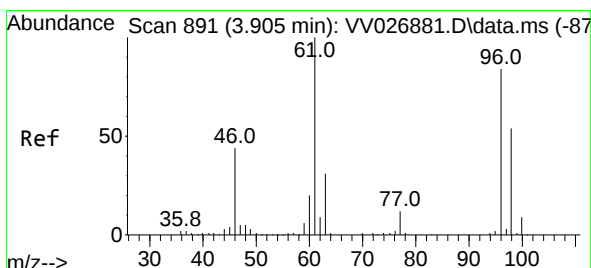
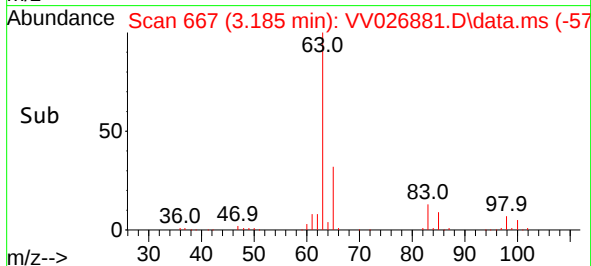
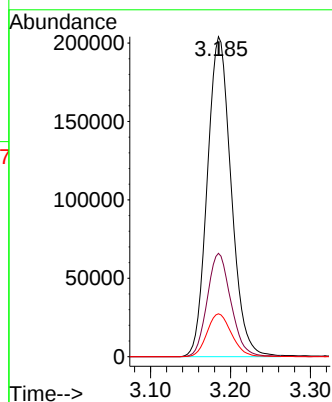
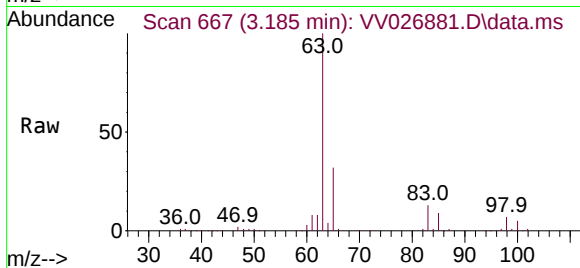
Tgt Ion: 63 Resp: 423583

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.811 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

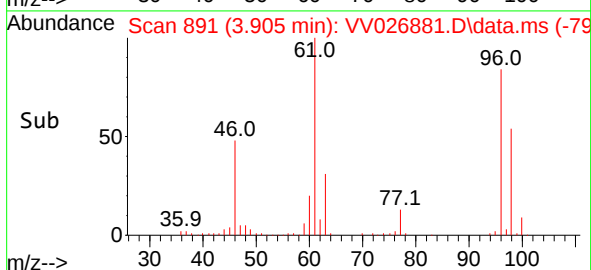
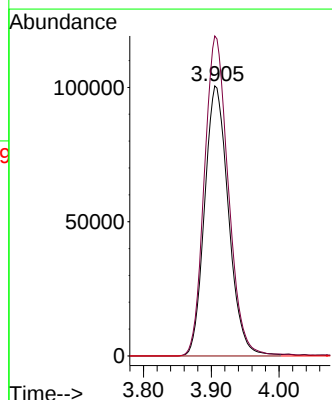
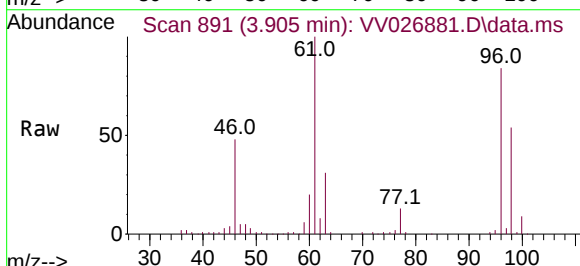
Tgt Ion: 96 Resp: 246265

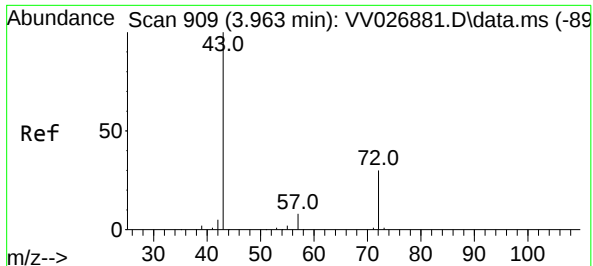
Ion Ratio Lower Upper

96 100

61 118.5 83.0 154.1

68 0.0 0.0 0.0

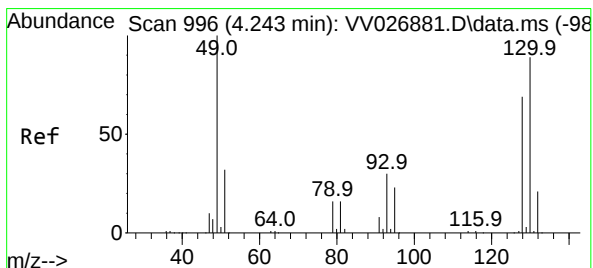
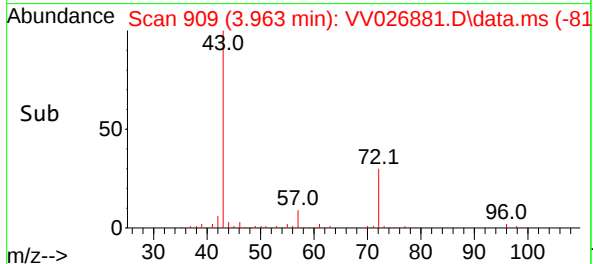
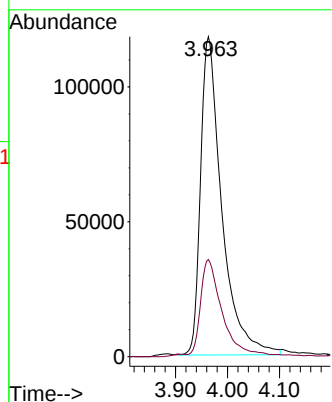
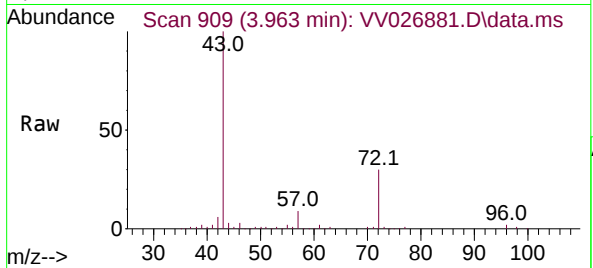




#22
2-Butanone
Concen: 137.866 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

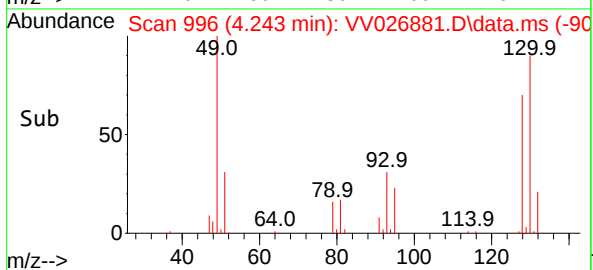
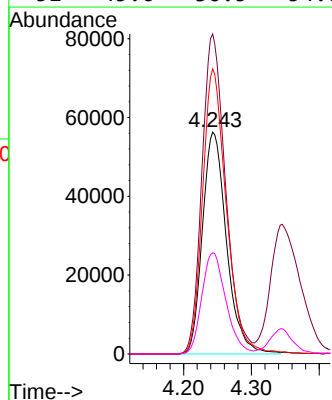
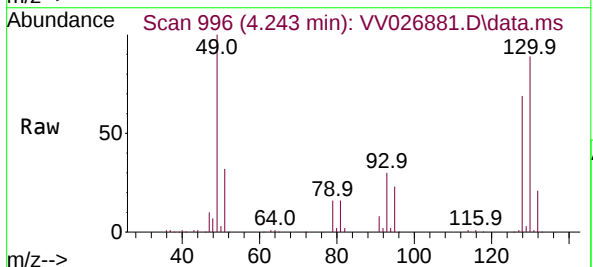
Instrument :
MSVOA_V
ClientSampleId :

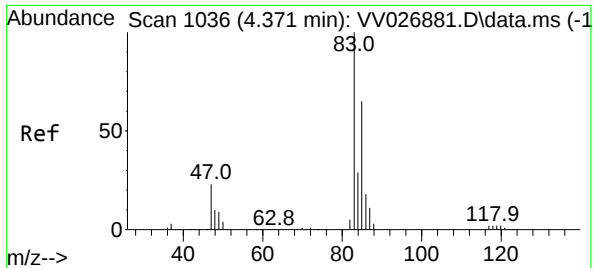
Tgt Ion: 43 Resp: 335394
Ion Ratio Lower Upper
43 100
72 29.7 14.9 44.5



#23
Bromochloromethane
Concen: 51.200 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 128 Resp: 138704
Ion Ratio Lower Upper
128 100
49 144.3 101.0 187.6
130 128.6 90.0 167.2
51 45.6 36.5 54.7

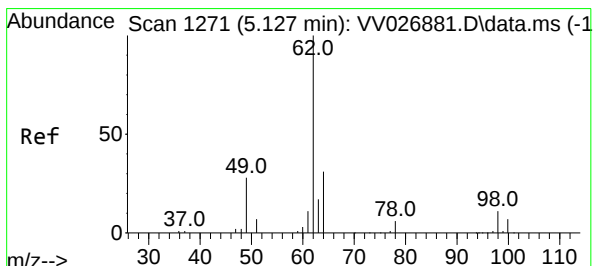
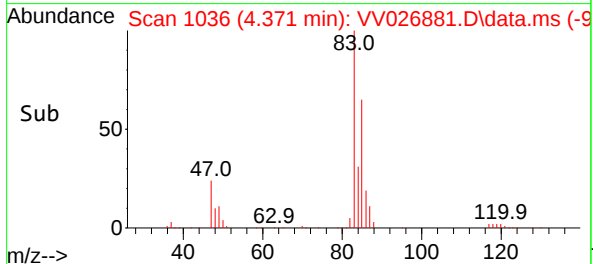
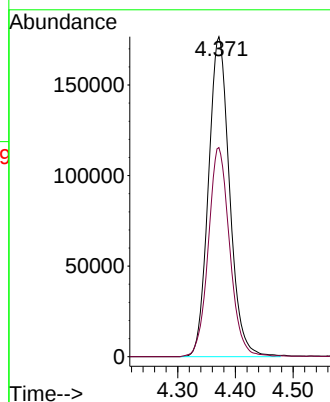
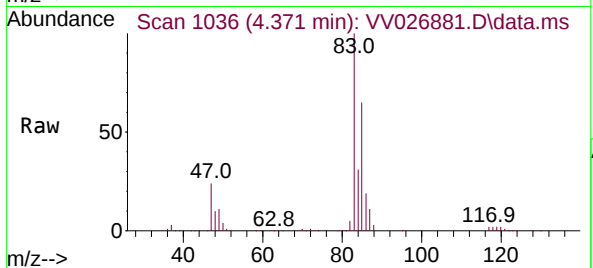




#25
Chloroform
Concen: 52.516 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

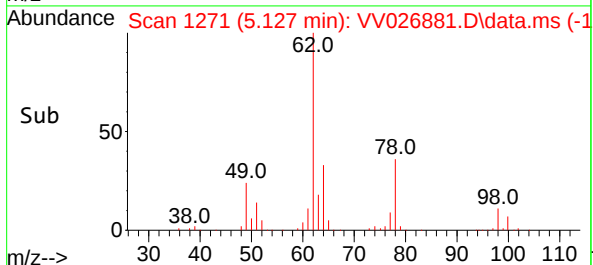
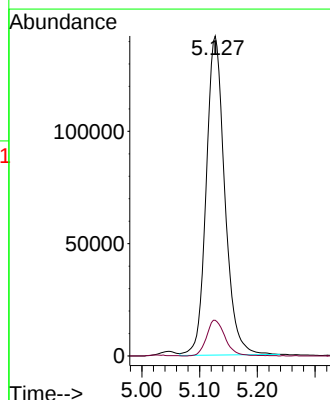
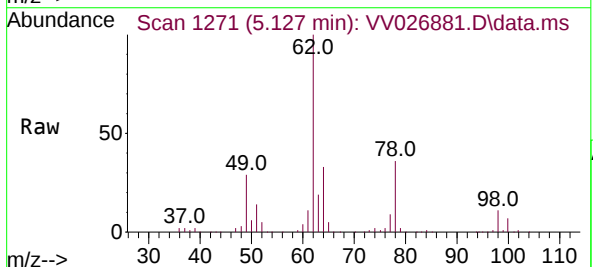
Instrument :
MSVOA_V
ClientSampleId :

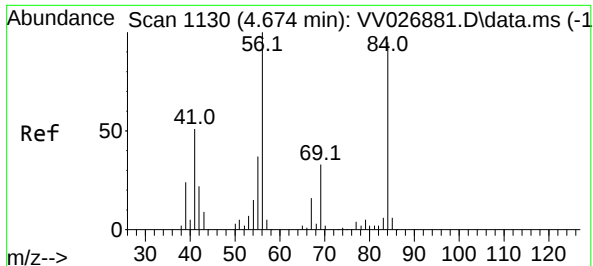
Tgt Ion: 83 Resp: 448857
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 54.576 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 62 Resp: 317370
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3





#29

Cyclohexane

Concen: 51.591 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

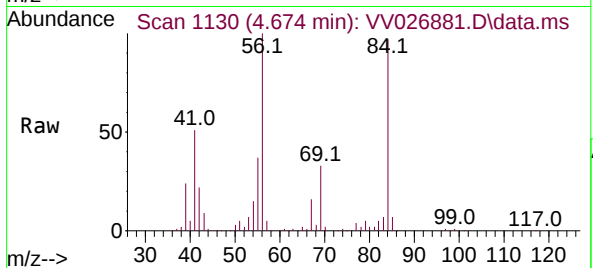
Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :



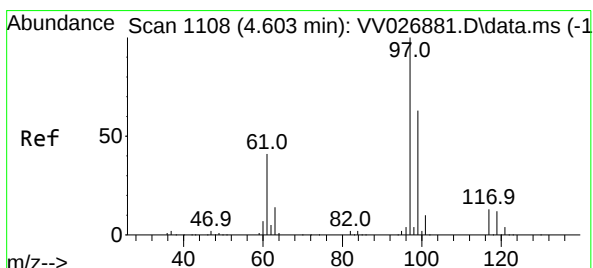
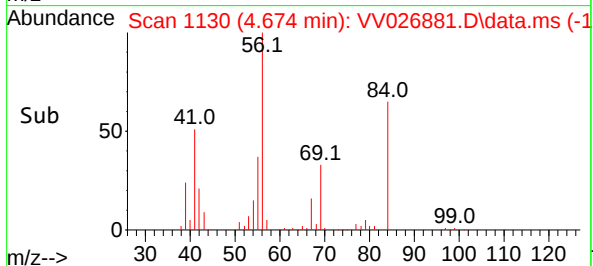
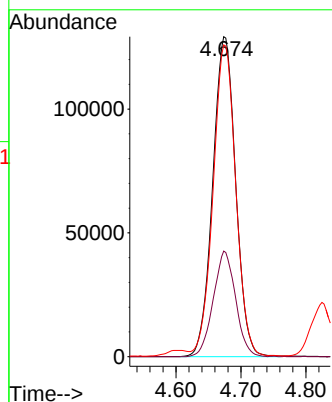
Tgt Ion: 56 Resp: 316370

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

84 96.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 50.282 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

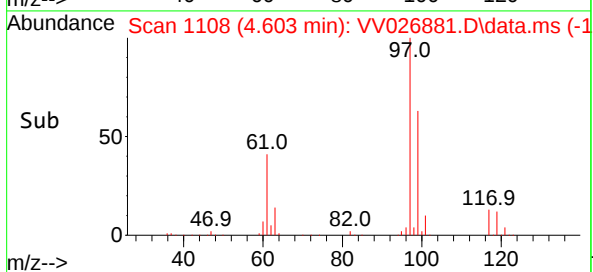
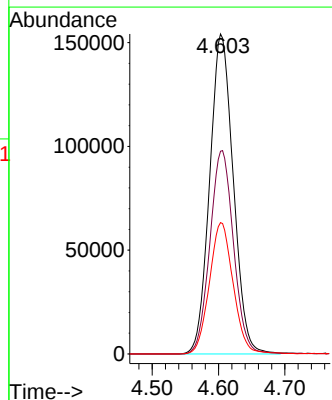
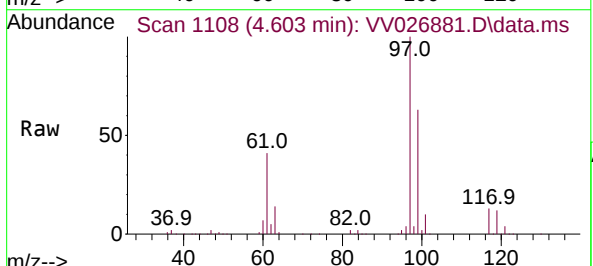
Tgt Ion: 97 Resp: 381103

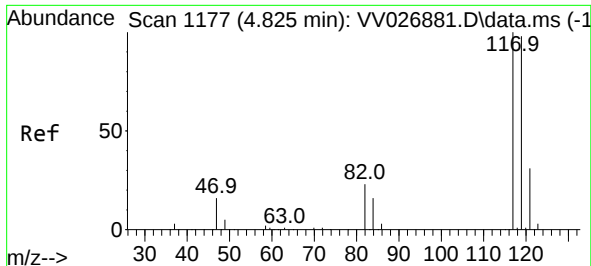
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 41.4 33.1 49.7

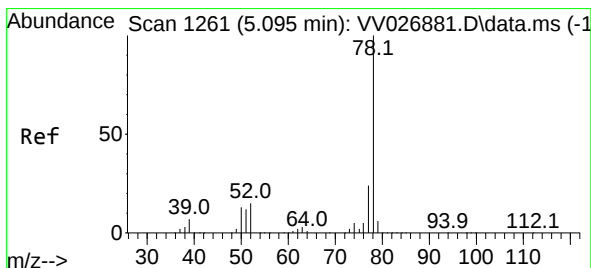
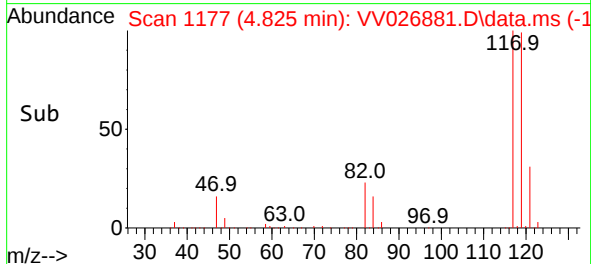
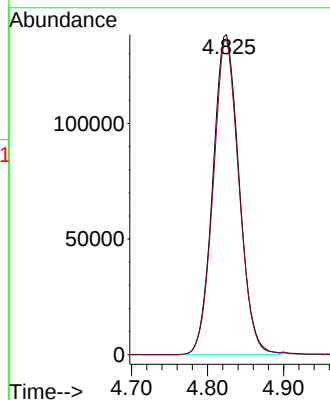
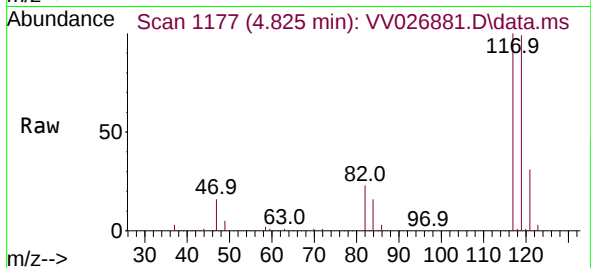




#31
Carbon tetrachloride
Concen: 51.925 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

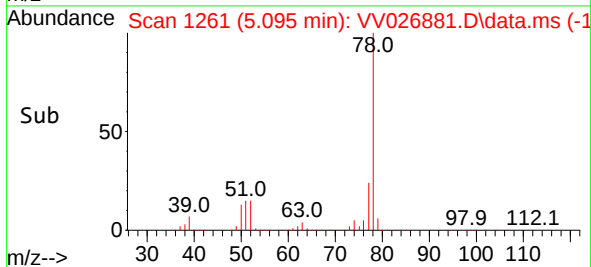
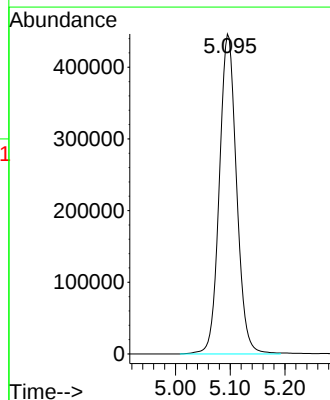
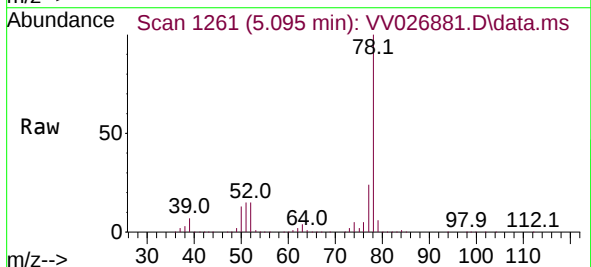
Instrument :
MSVOA_V
ClientSampleId :

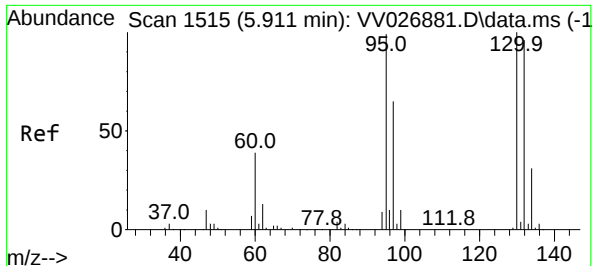
Tgt Ion:117 Resp: 331908
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9



#33
Benzene
Concen: 51.879 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 78 Resp: 975536





#34

Trichloroethene

Concen: 49.766 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 236554

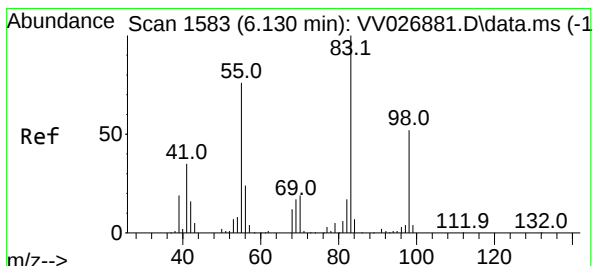
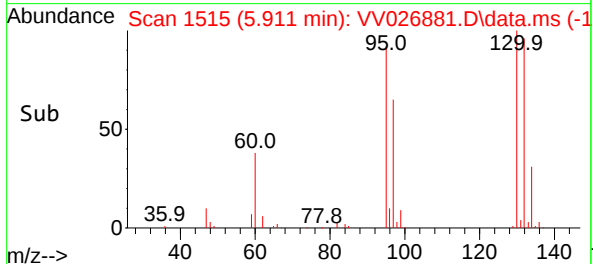
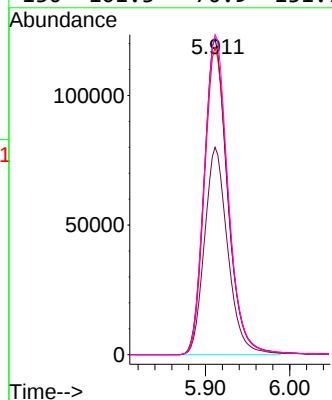
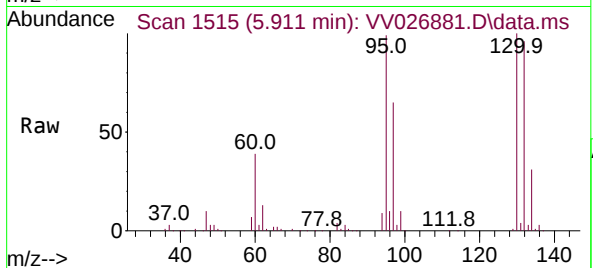
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 97.3 68.1 126.5

130 101.3 70.9 131.7



#35

Methylcyclohexane

Concen: 51.240 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

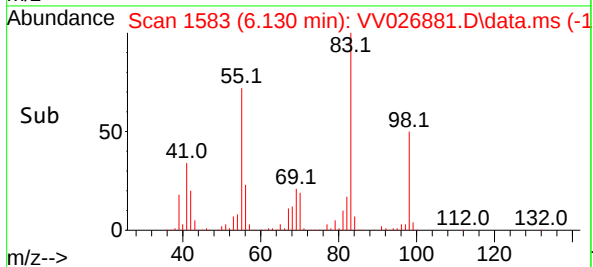
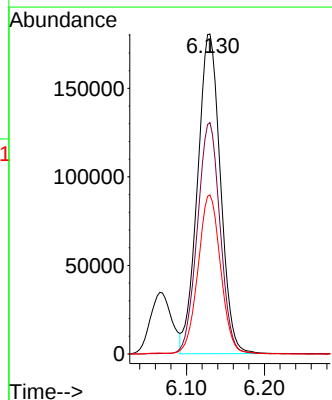
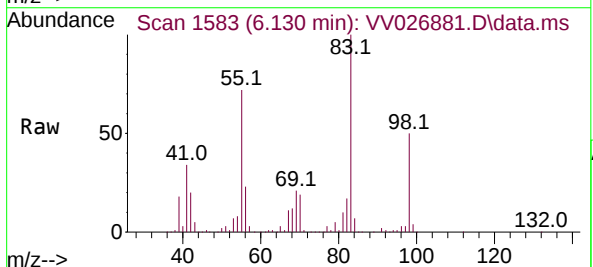
Tgt Ion: 83 Resp: 368415

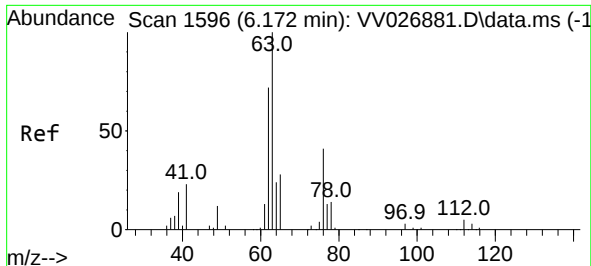
Ion Ratio Lower Upper

83 100

55 71.8 57.4 86.2

98 49.2 39.4 59.0





#37

1,2-Dichloropropane

Concen: 51.655 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

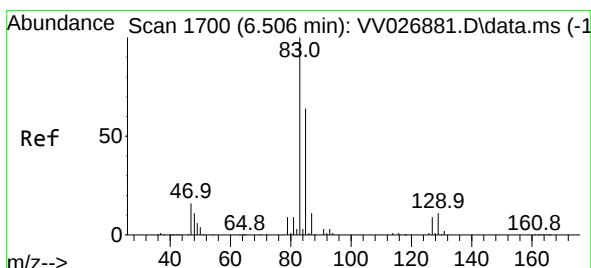
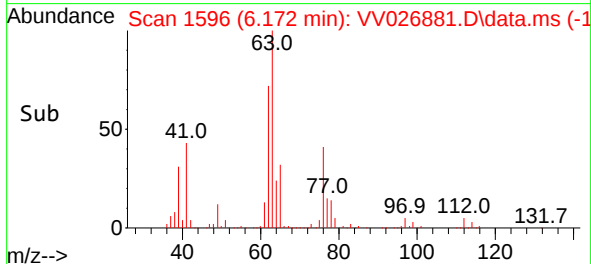
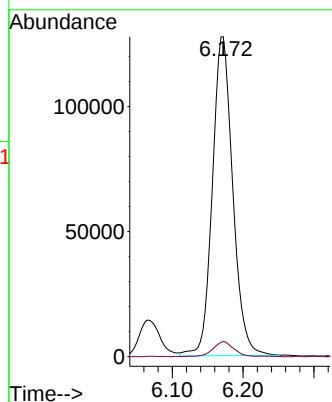
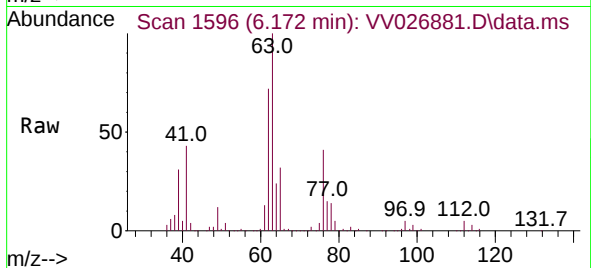
ClientSampleId :

Tgt Ion: 63 Resp: 254936

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 51.568 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

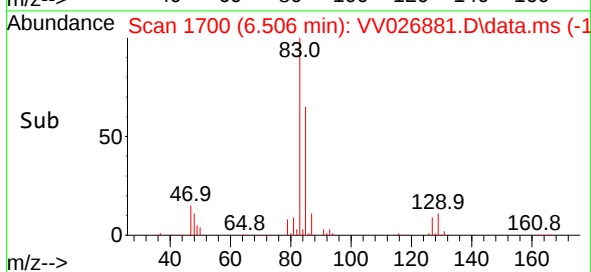
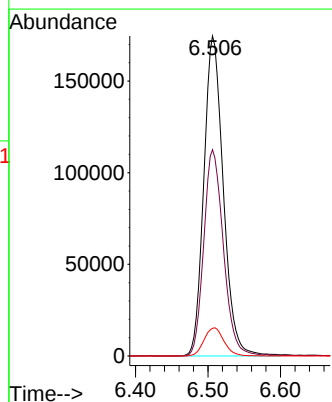
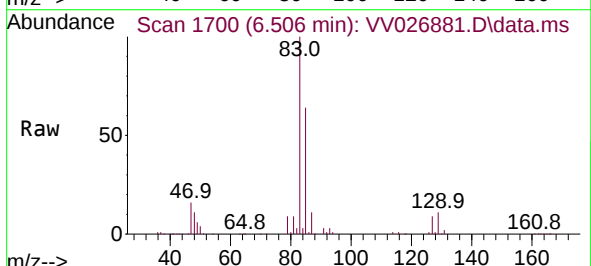
Tgt Ion: 83 Resp: 325980

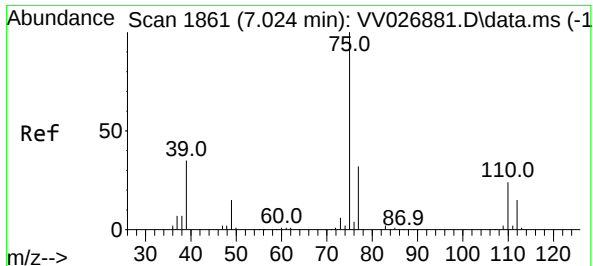
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.225 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

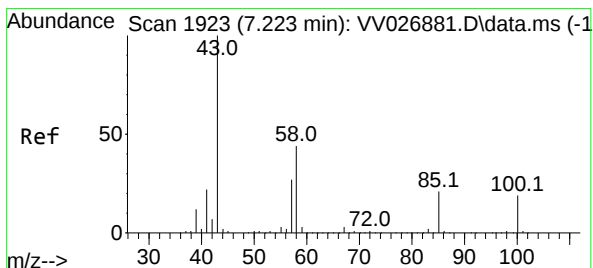
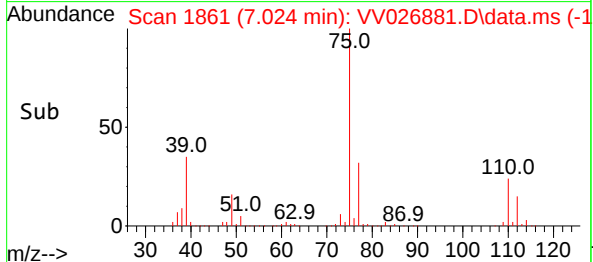
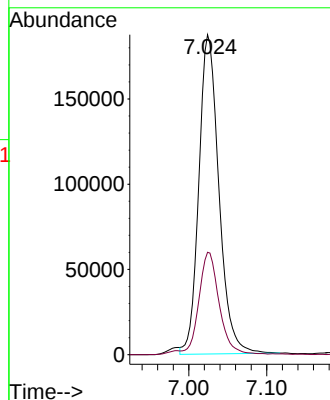
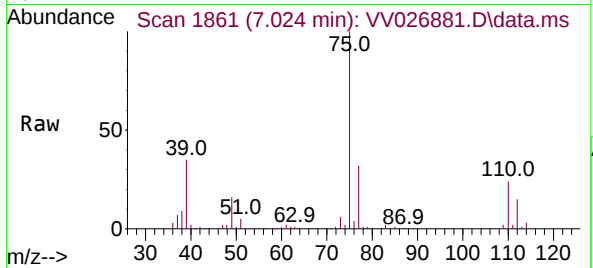
ClientSampleId :

Tgt Ion: 75 Resp: 335304

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 124.822 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

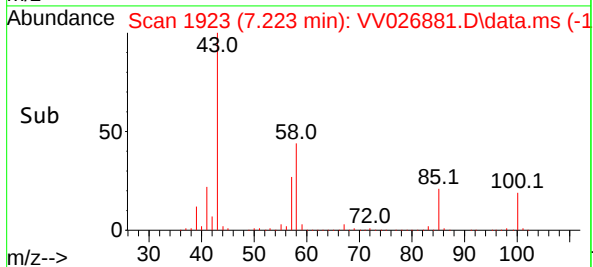
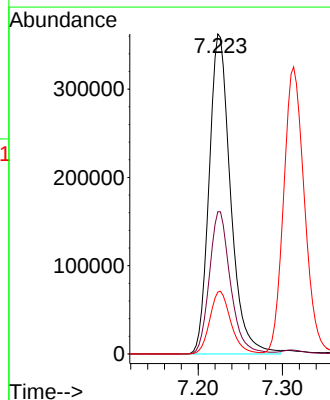
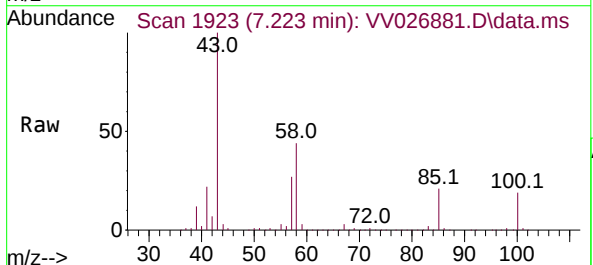
Tgt Ion: 43 Resp: 641339

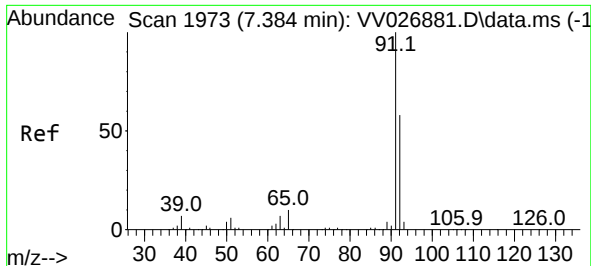
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 19.2 15.4 23.0





#42

Toluene

Concen: 52.870 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

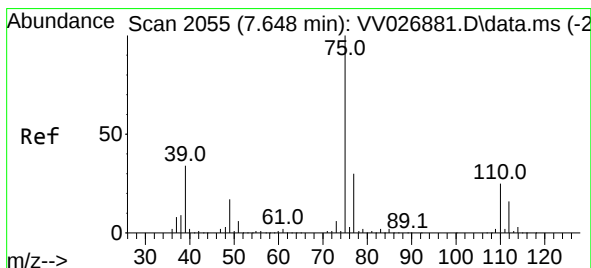
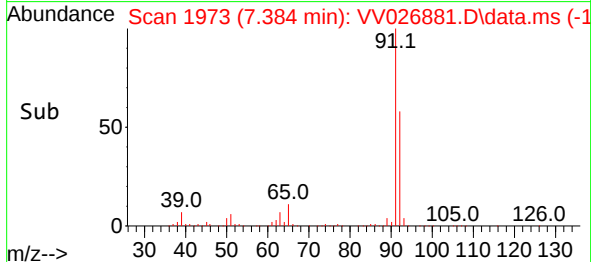
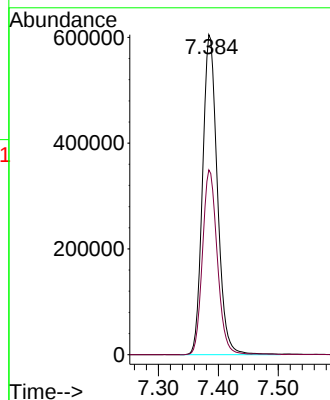
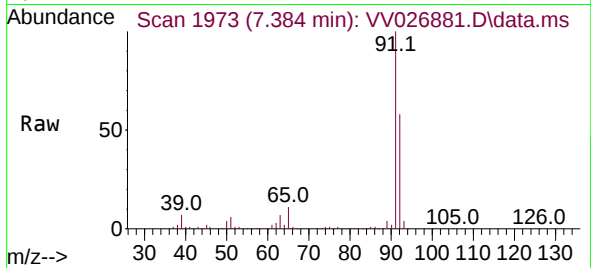
ClientSampleId :

Tgt Ion: 91 Resp: 1040161

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 55.753 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV026881.D

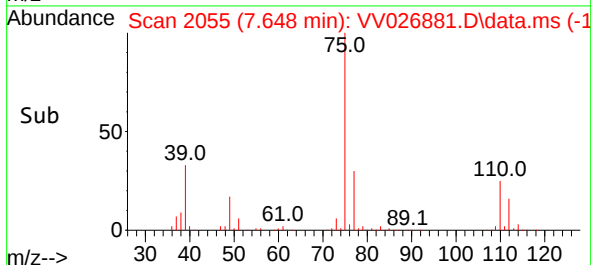
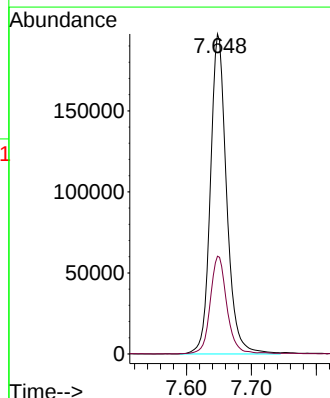
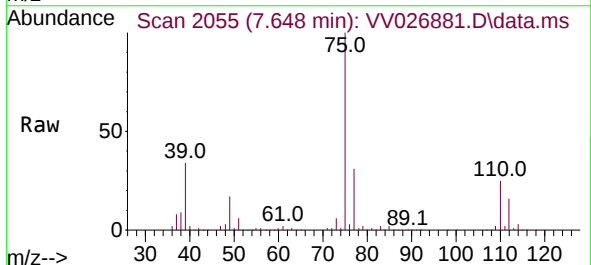
Acq: 22 Jul 2022 11:16

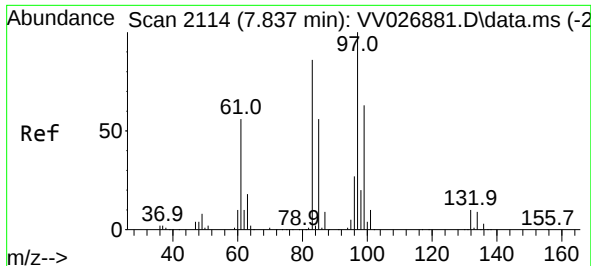
Tgt Ion: 75 Resp: 343003

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 52.280 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 261146

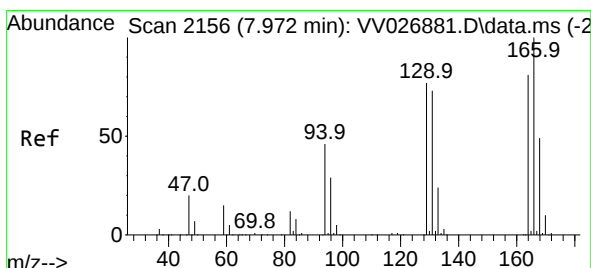
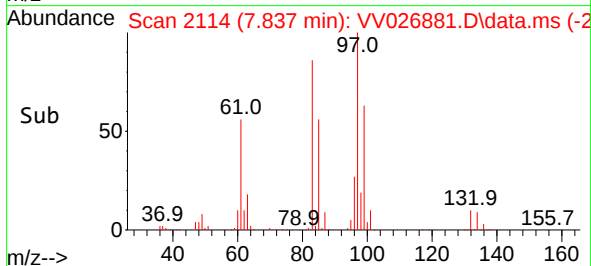
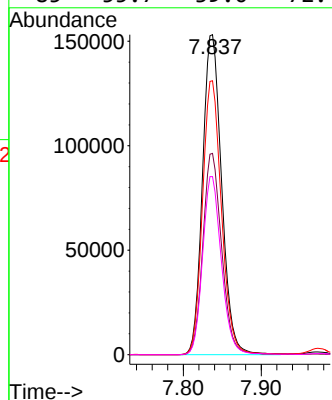
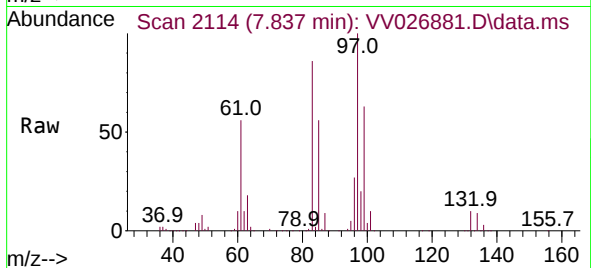
Ion Ratio Lower Upper

97 100

99 62.9 44.0 81.8

83 85.6 59.9 111.3

85 55.7 39.0 72.4



#46

Tetrachloroethene

Concen: 49.107 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Tgt Ion:164 Resp: 187561

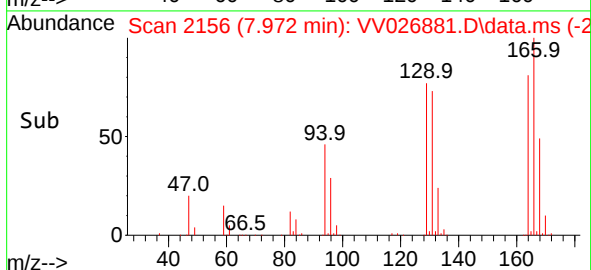
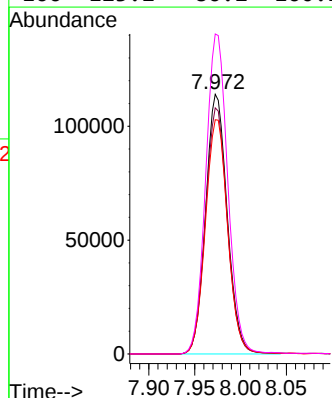
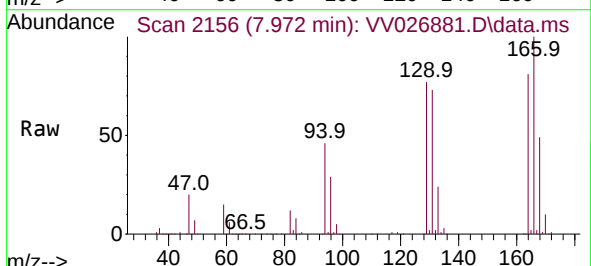
Ion Ratio Lower Upper

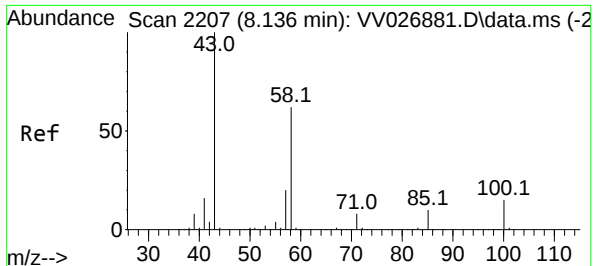
164 100

129 94.7 66.3 123.1

131 90.2 63.1 117.3

166 123.2 86.2 160.2

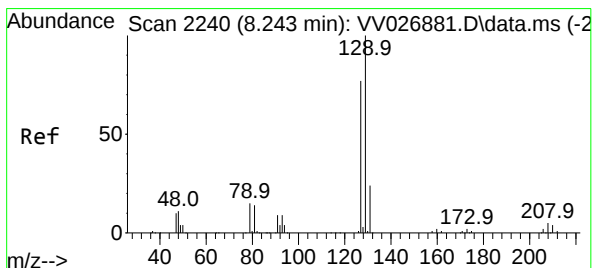
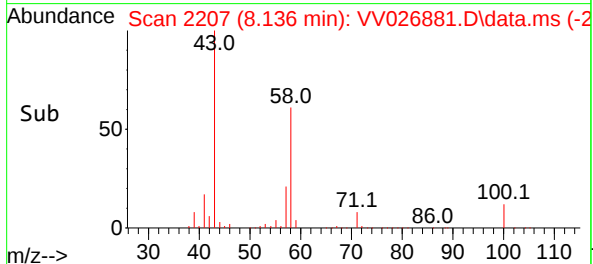
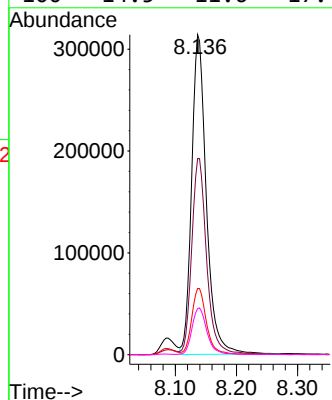
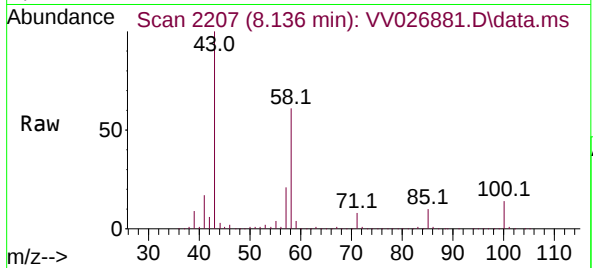




#48
2-Hexanone
Concen: 133.803 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

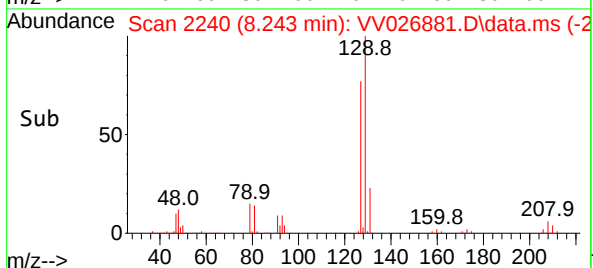
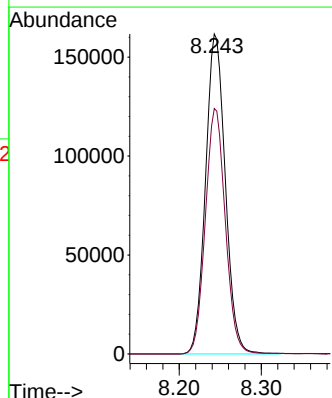
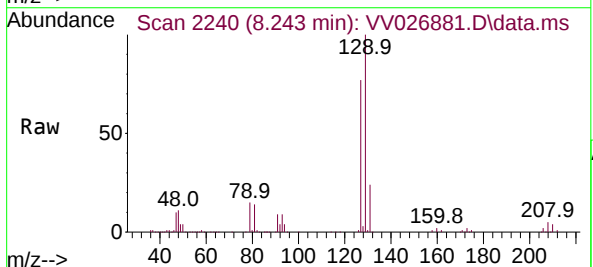
Instrument :
MSVOA_V
ClientSampleId :

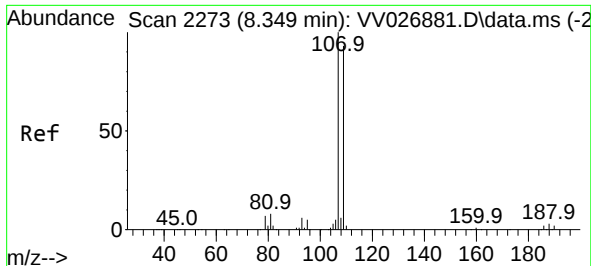
Tgt Ion: 43 Resp: 525479
Ion Ratio Lower Upper
43 100
58 61.0 48.8 73.2
57 20.7 16.6 24.8
100 14.5 11.6 17.4



#49
Dibromochloromethane
Concen: 55.451 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 129 Resp: 270612
Ion Ratio Lower Upper
129 100
127 76.7 53.7 99.7





#50

1,2-Dibromoethane

Concen: 52.756 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

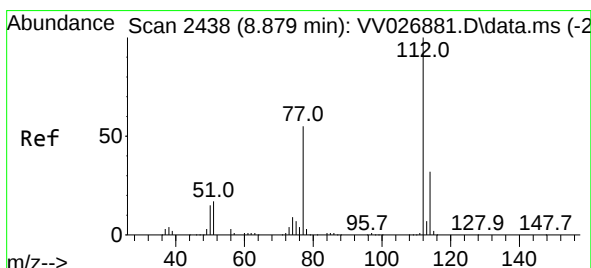
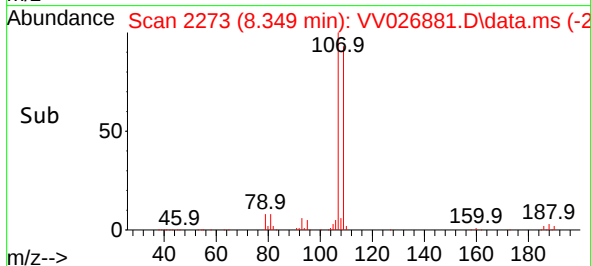
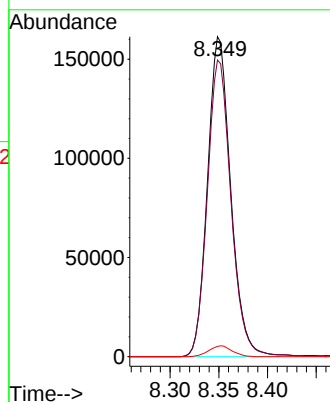
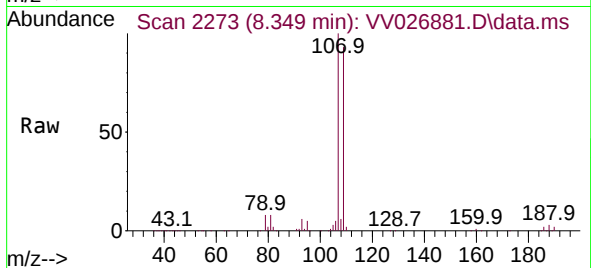
Tgt Ion:107 Resp: 267816

Ion Ratio Lower Upper

107 100

109 92.7 64.9 120.5

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 49.808 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

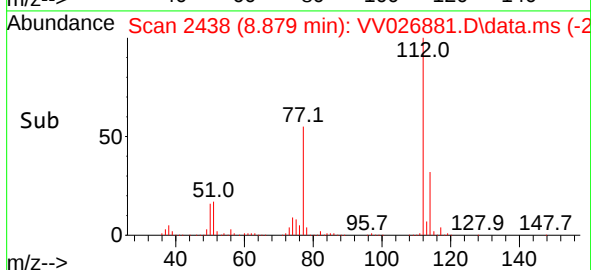
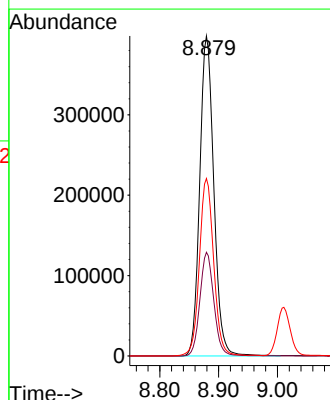
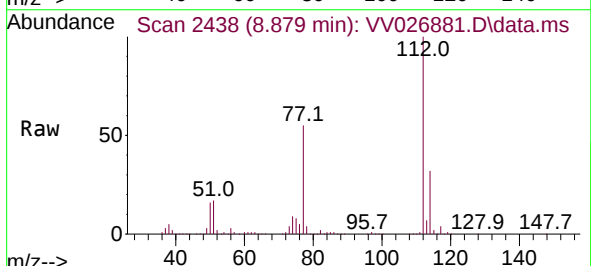
Tgt Ion:112 Resp: 661768

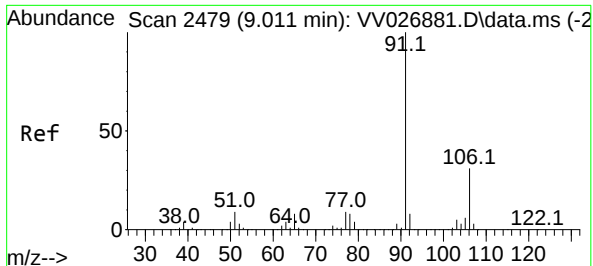
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 55.5 44.4 66.6

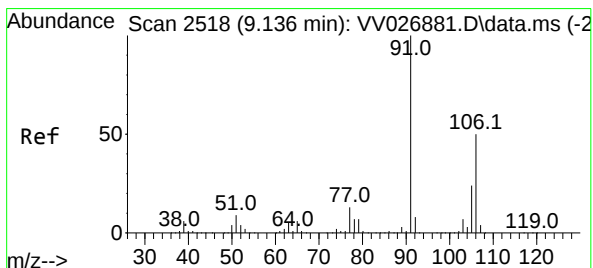
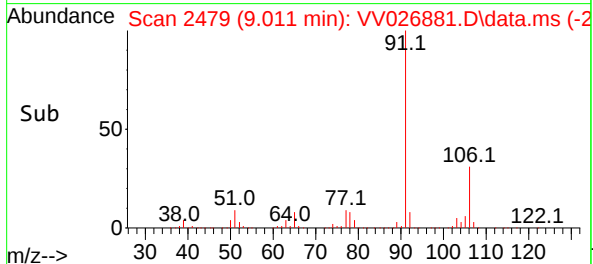
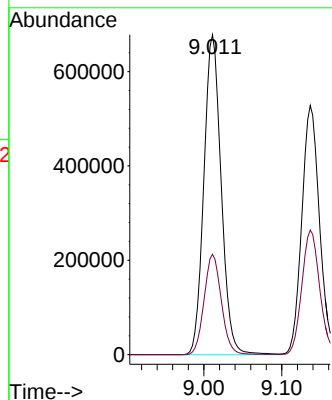
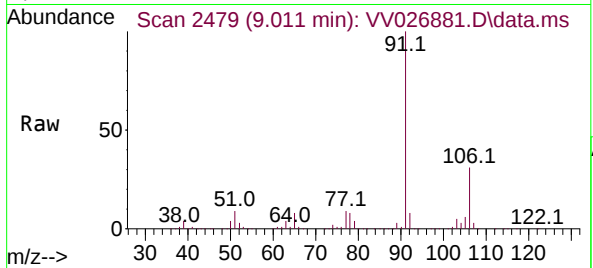




#52
Ethylbenzene
Concen: 52.324 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

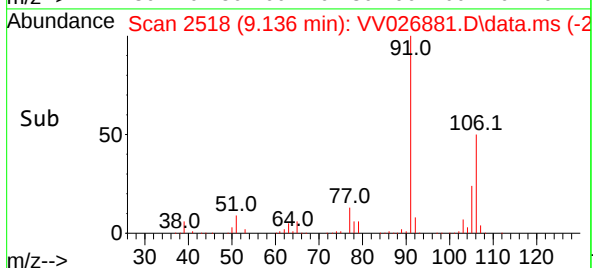
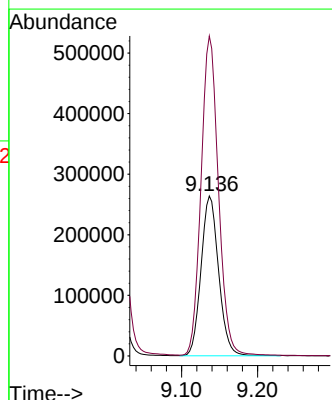
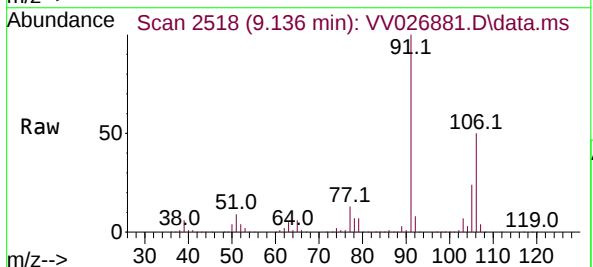
Instrument :
MSVOA_V
ClientSampleId :

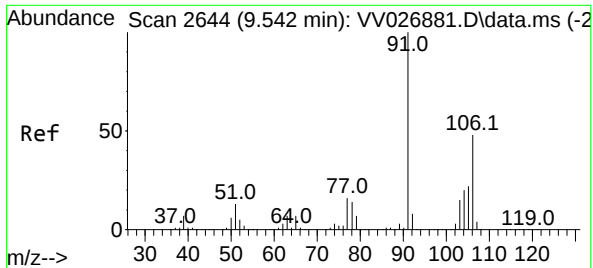
Tgt Ion: 91 Resp: 1046406
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 53.938 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion: 106 Resp: 423726
Ion Ratio Lower Upper
106 100
91 200.0 140.0 260.0

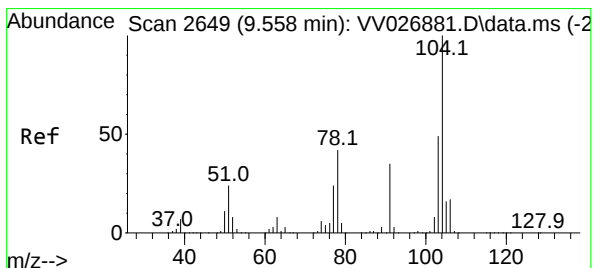
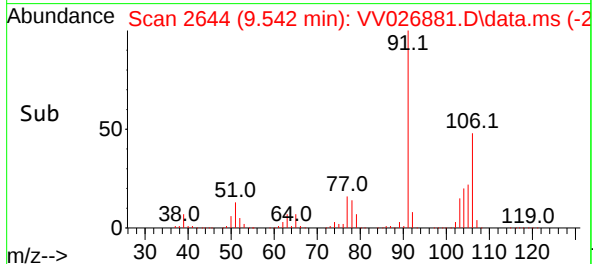
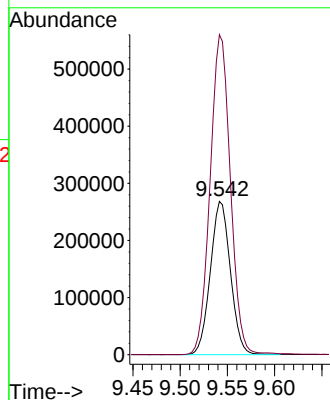
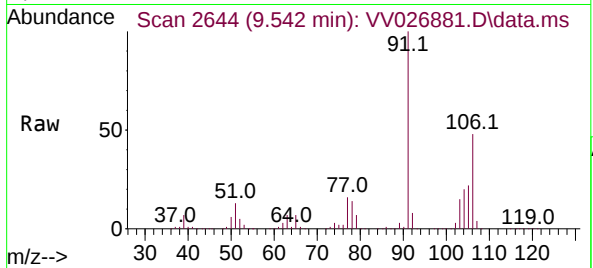




#54
o-Xylene
Concen: 52.411 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

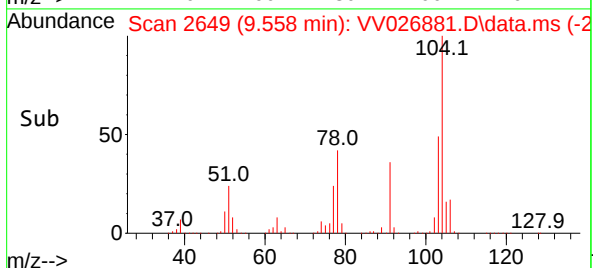
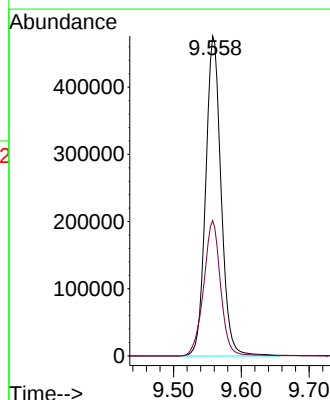
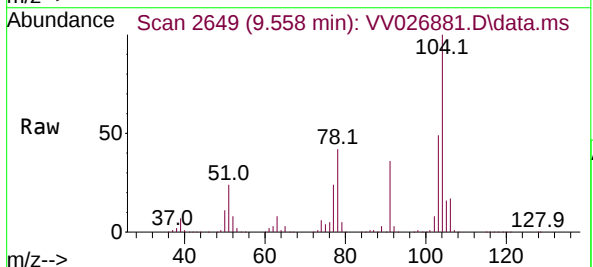
Instrument :
MSVOA_V
ClientSampleId :

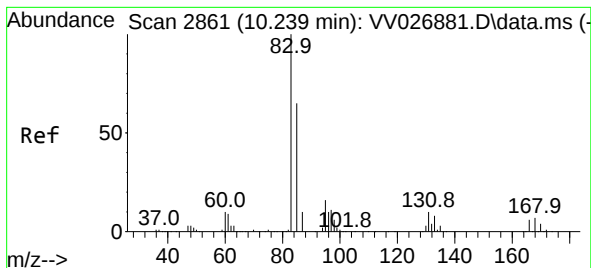
Tgt Ion:106 Resp: 396451
Ion Ratio Lower Upper
106 100
91 208.7 146.1 271.3



#55
Styrene
Concen: 56.530 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion:104 Resp: 752284
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0

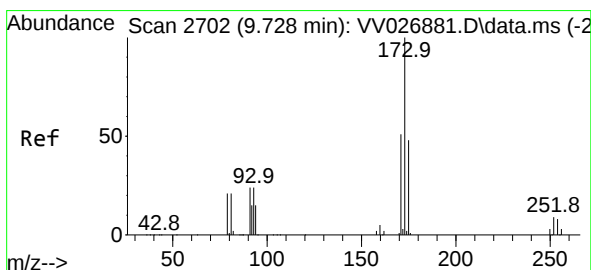
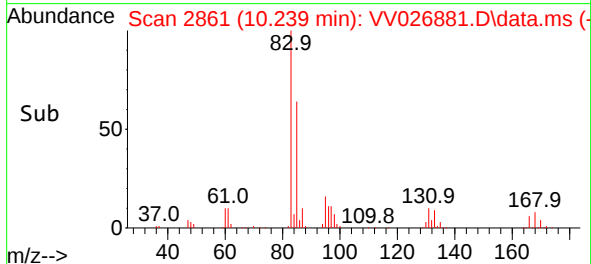
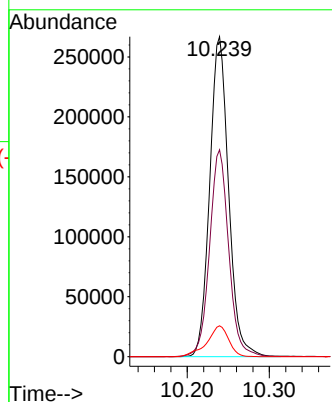
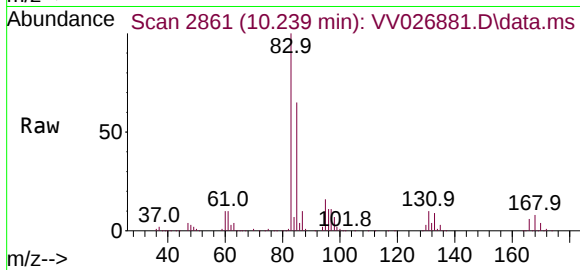




#57
 1,1,2,2-Tetrachloroethane
 Concen: 54.273 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

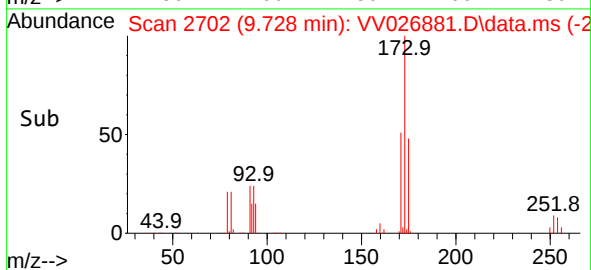
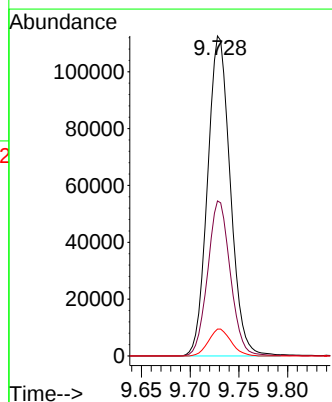
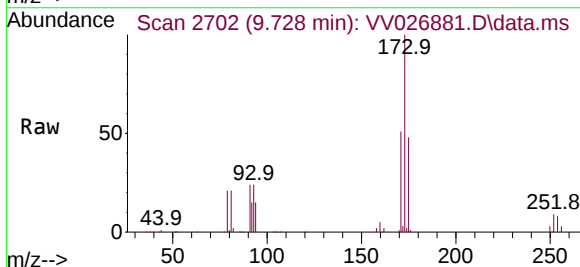
Instrument :
 MSVOA_V
 ClientSampleId :

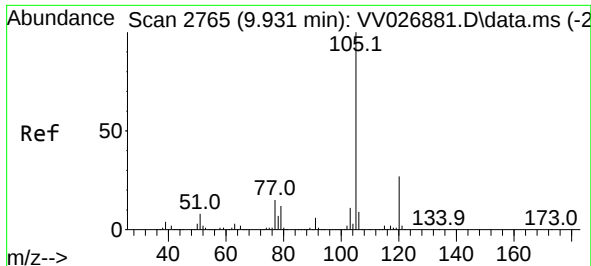
Tgt Ion: 83 Resp: 426125
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.3 84.1
 131 9.7 7.8 11.6



#59
 Bromoform
 Concen: 58.955 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

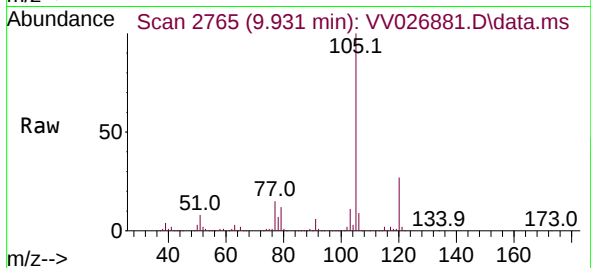
Tgt Ion: 173 Resp: 183110
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 8.3 6.6 10.0



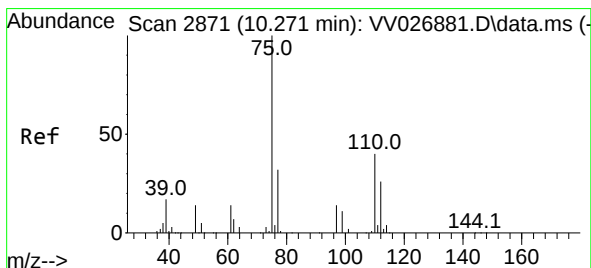
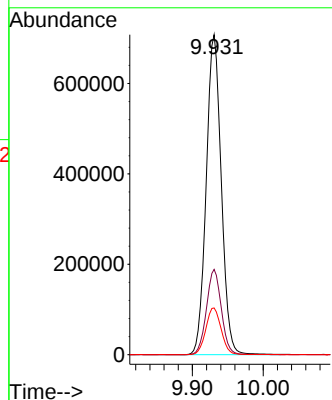
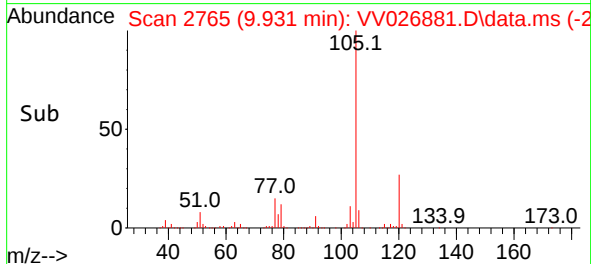


#60
Isopropylbenzene
Concen: 51.256 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

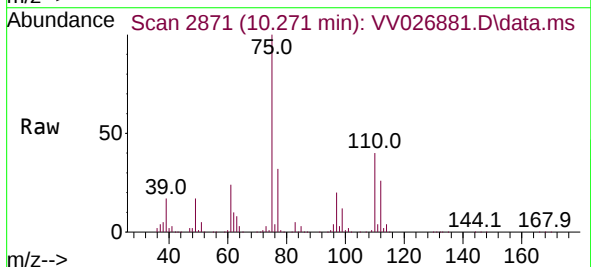
Instrument :
MSVOA_V
ClientSampleId :



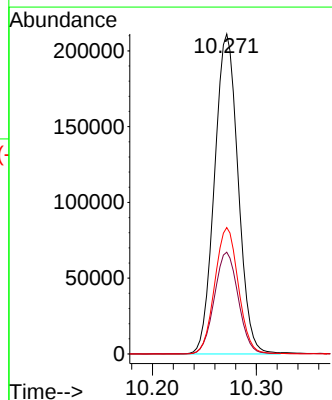
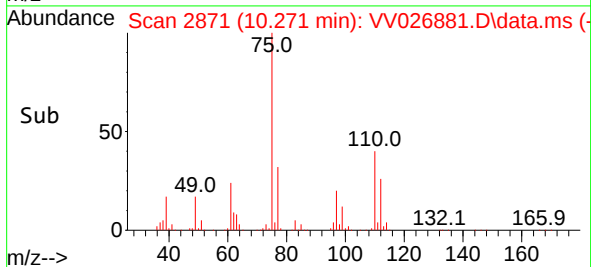
Tgt Ion:105 Resp: 1043516
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.9 11.9 17.9

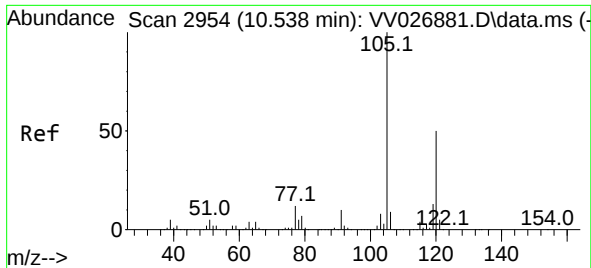


#61
1,2,3-Trichloropropane
Concen: 54.058 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16



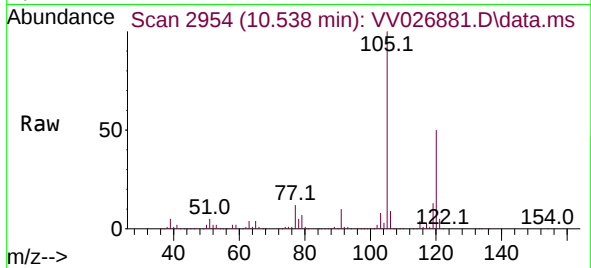
Tgt Ion: 75 Resp: 333168
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 39.6 31.7 47.5



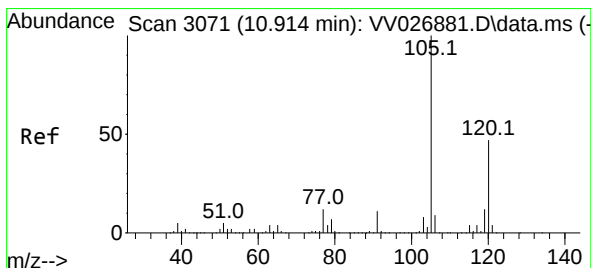
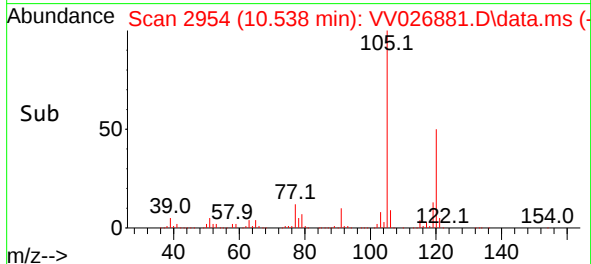
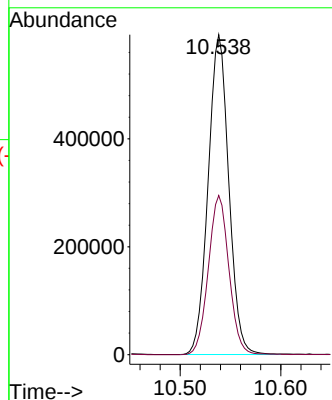


#62
 1,3,5-Trimethylbenzene
 Concen: 51.234 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

Instrument :
 MSVOA_V
 ClientSampleId :

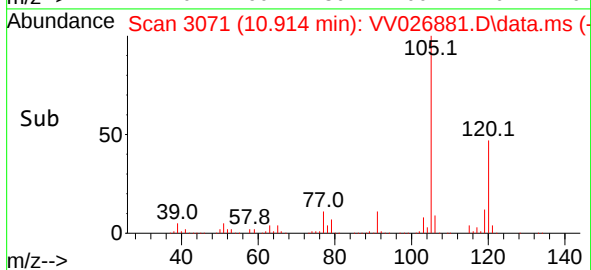
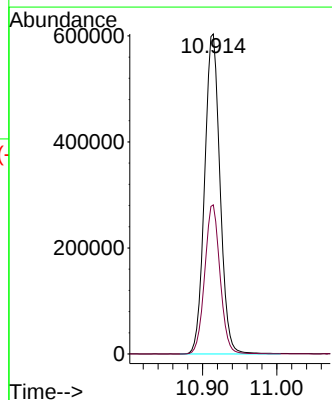
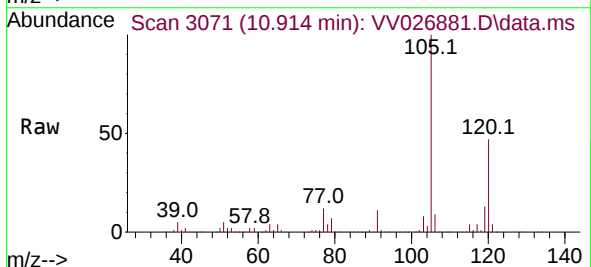


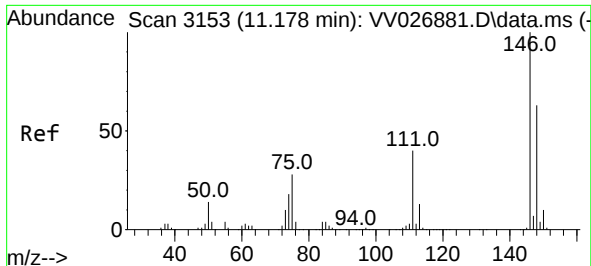
Tgt Ion:105 Resp: 845044
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 52.676 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026881.D
 Acq: 22 Jul 2022 11:16

Tgt Ion:105 Resp: 867913
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.1 55.7

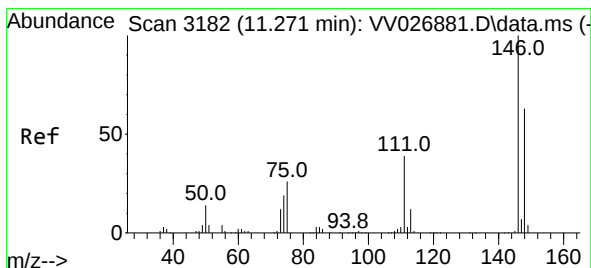
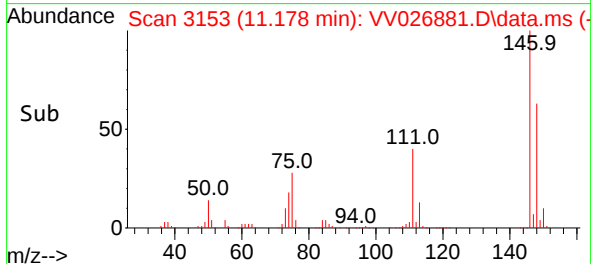
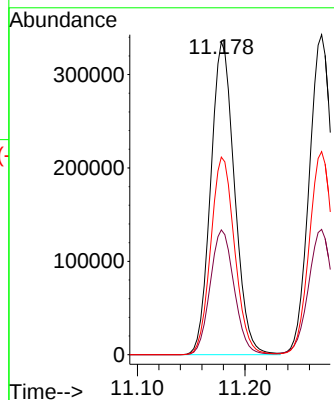
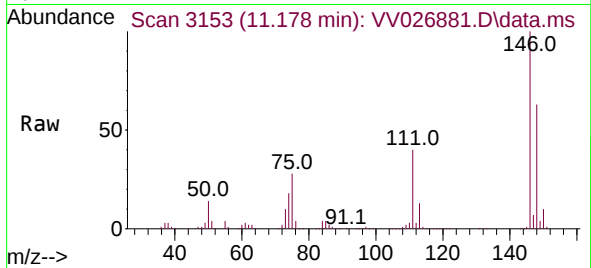




#64
1,3-Dichlorobenzene
Concen: 49.815 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

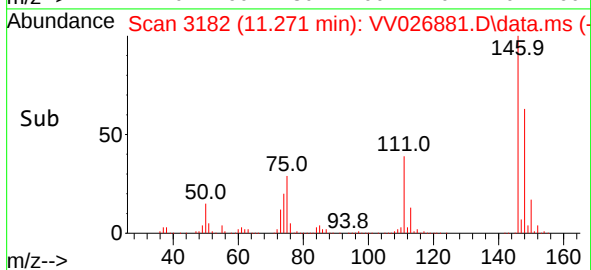
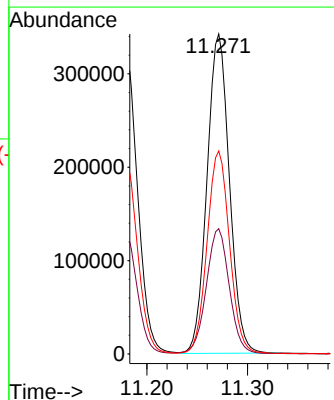
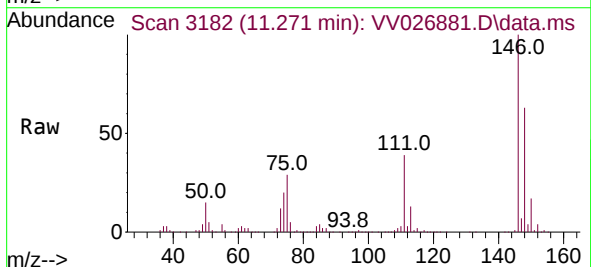
Instrument :
MSVOA_V
ClientSampleId :

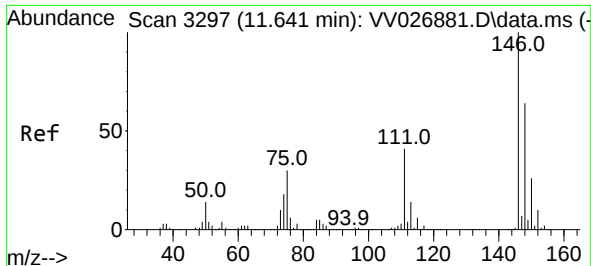
Tgt Ion:146 Resp: 516614
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.9
148 63.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 49.227 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion:146 Resp: 529530
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.890 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :

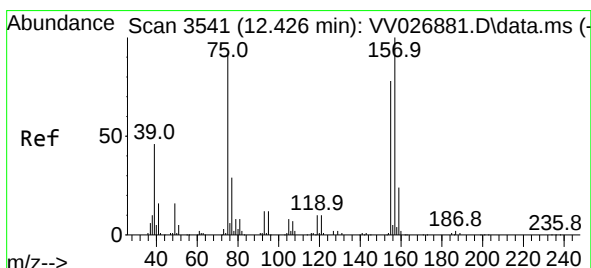
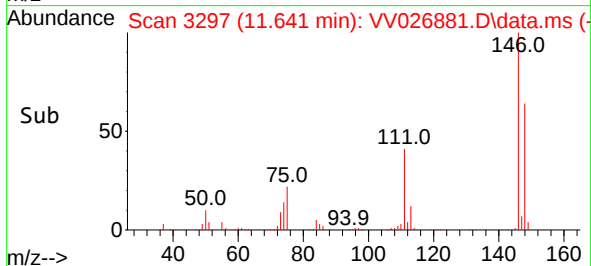
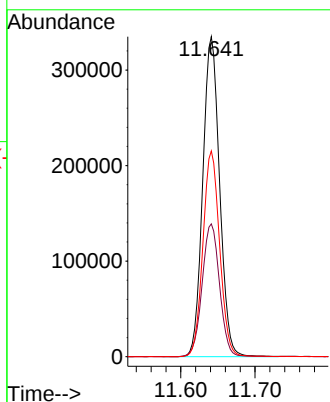
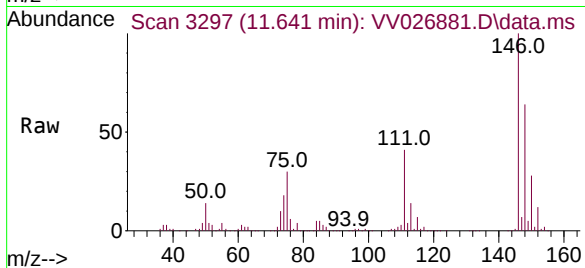
Tgt Ion:146 Resp: 527126

Ion Ratio Lower Upper

146 100

111 41.5 33.2 49.8

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 61.066 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

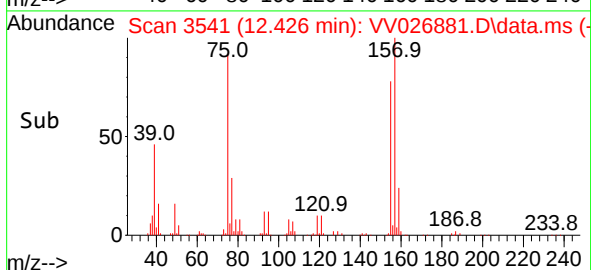
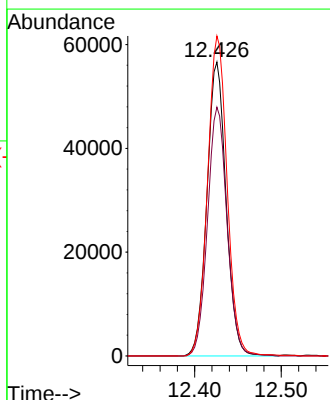
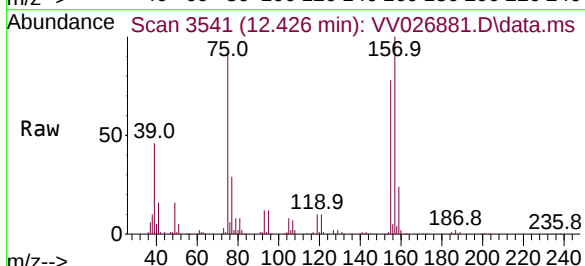
Tgt Ion: 75 Resp: 87299

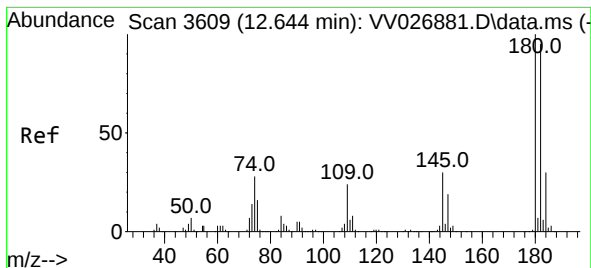
Ion Ratio Lower Upper

75 100

155 84.6 67.7 101.5

157 108.9 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 49.217 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

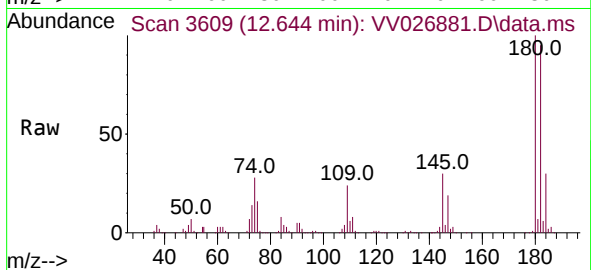
Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 350838

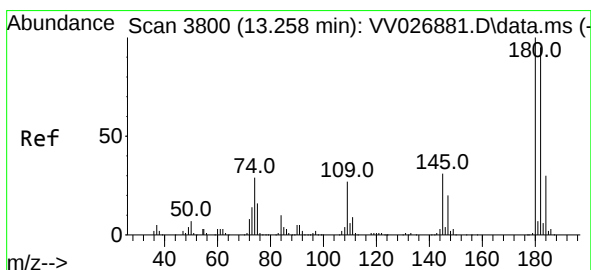
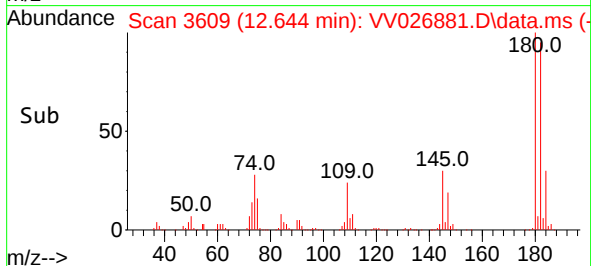
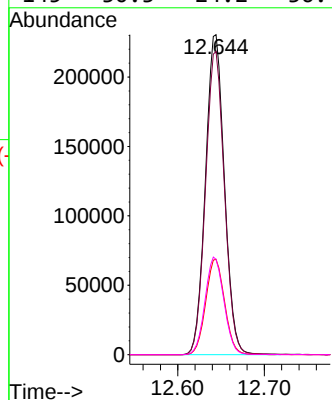
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

184 29.8 23.8 35.8

145 30.3 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 48.702 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026881.D

Acq: 22 Jul 2022 11:16

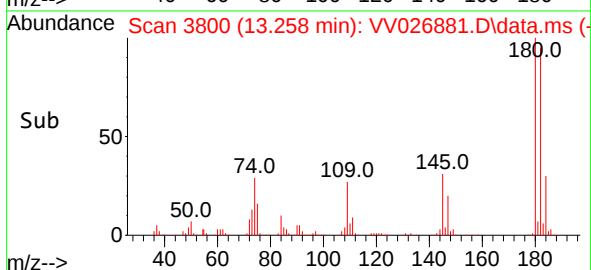
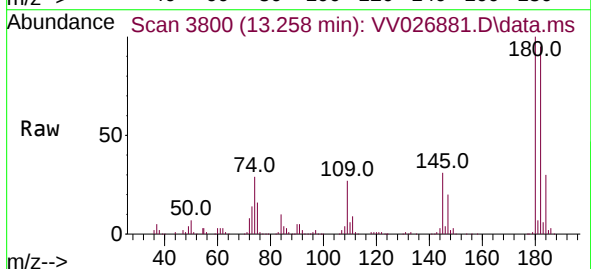
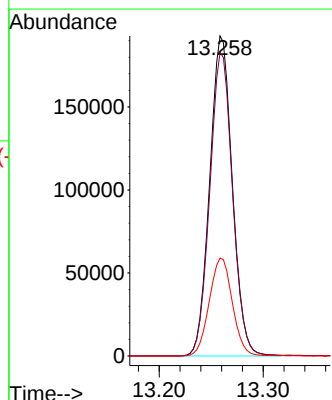
Tgt Ion:180 Resp: 291303

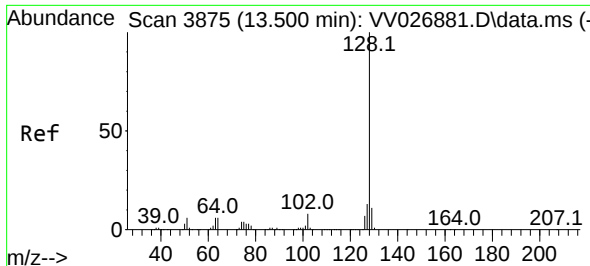
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 31.3 25.0 37.6

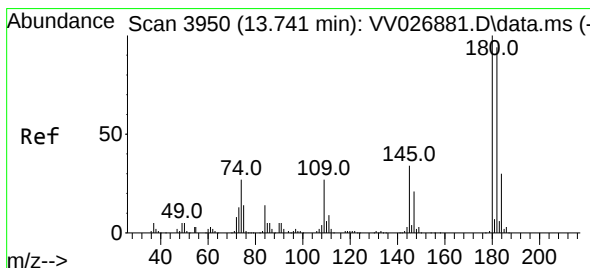
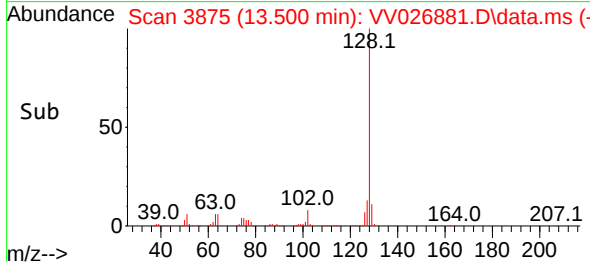
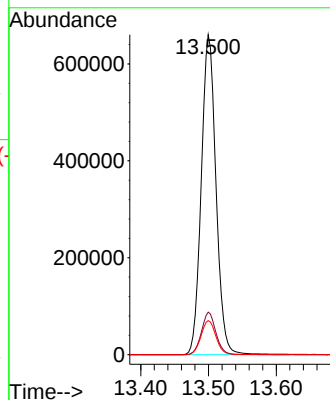
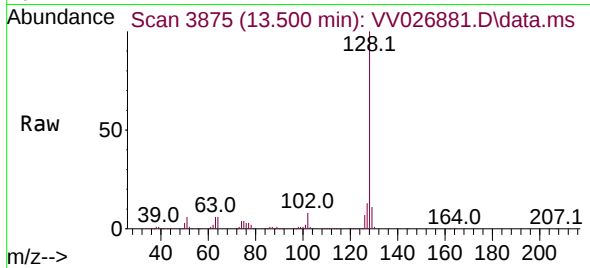




#71
Naphthalene
Concen: 56.414 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 994524
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.524 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026881.D
Acq: 22 Jul 2022 11:16

Tgt Ion:180 Resp: 330640
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.2
145 33.3 26.6 40.0

