

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026882.D
 Acq On : 22 Jul 2022 11:39
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 23:52:43 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	593689	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	603261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	358861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	493529	100.564	ug/L	0.00
7) Chloroethane-d5	1.564	69	391025	94.183	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	874606	95.903	ug/L	0.00
21) 2-Butanone-d5	3.876	46	776344	293.983	ug/L	0.00
24) Chloroform-d	4.342	84	983038	103.565	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	565467	104.157	ug/L	0.00
32) Benzene-d6	5.046	84	1963574	106.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	615547	105.556	ug/L	0.00
41) Toluene-d8	7.313	98	1789140	110.128	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	279161	119.131	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	650539	304.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	920526	108.315	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	701563	99.843	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	560466	121.904	ug/L	100
3) Chloromethane	1.240	50	538470	100.519	ug/L	99
5) Vinyl chloride	1.307	62	580054	101.829	ug/L	99
6) Bromomethane	1.519	94	347900	97.678	ug/L	100
8) Chloroethane	1.580	64	329227	88.216	ug/L	98
9) Trichlorofluoromethane	1.748	101	776921	97.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	451199	97.025	ug/L	99
12) 1,1-Dichloroethene	2.114	96	431523	94.946	ug/L	98
13) Acetone	2.172	43	472155	247.916	ug/L	99
14) Carbon disulfide	2.288	76	1245857	98.521	ug/L	100
15) Methyl Acetate	2.429	43	515076	128.832	ug/L	99
16) Methylene chloride	2.503	84	535621	99.277	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	477214	101.511	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	1423461	107.602	ug/L	100
19) 1,1-Dichloroethane	3.185	63	861291	100.613	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	532720	105.763	ug/L	99
22) 2-Butanone	3.960	43	734247	284.812	ug/L	99
23) Bromochloromethane	4.243	128	282121	98.273	ug/L	99
25) Chloroform	4.368	83	909949	100.465	ug/L	99
27) 1,2-Dichloroethane	5.124	62	651983	105.800	ug/L	100
29) Cyclohexane	4.673	56	701586	110.136	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	775904	98.549	ug/L	99
31) Carbon tetrachloride	4.825	117	675500	101.731	ug/L	99
33) Benzene	5.095	78	1995774	102.172	ug/L	100
34) Trichloroethene	5.908	95	493874	100.021	ug/L	99
35) Methylcyclohexane	6.130	83	808619	108.266	ug/L	99
37) 1,2-Dichloropropane	6.169	63	518933	101.220	ug/L	99
38) Bromodichloromethane	6.506	83	672943	102.480	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	768650	113.044	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1376676	257.935	ug/L	99
42) Toluene	7.384	91	2118394	103.656	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	758103	118.625	ug/L	96

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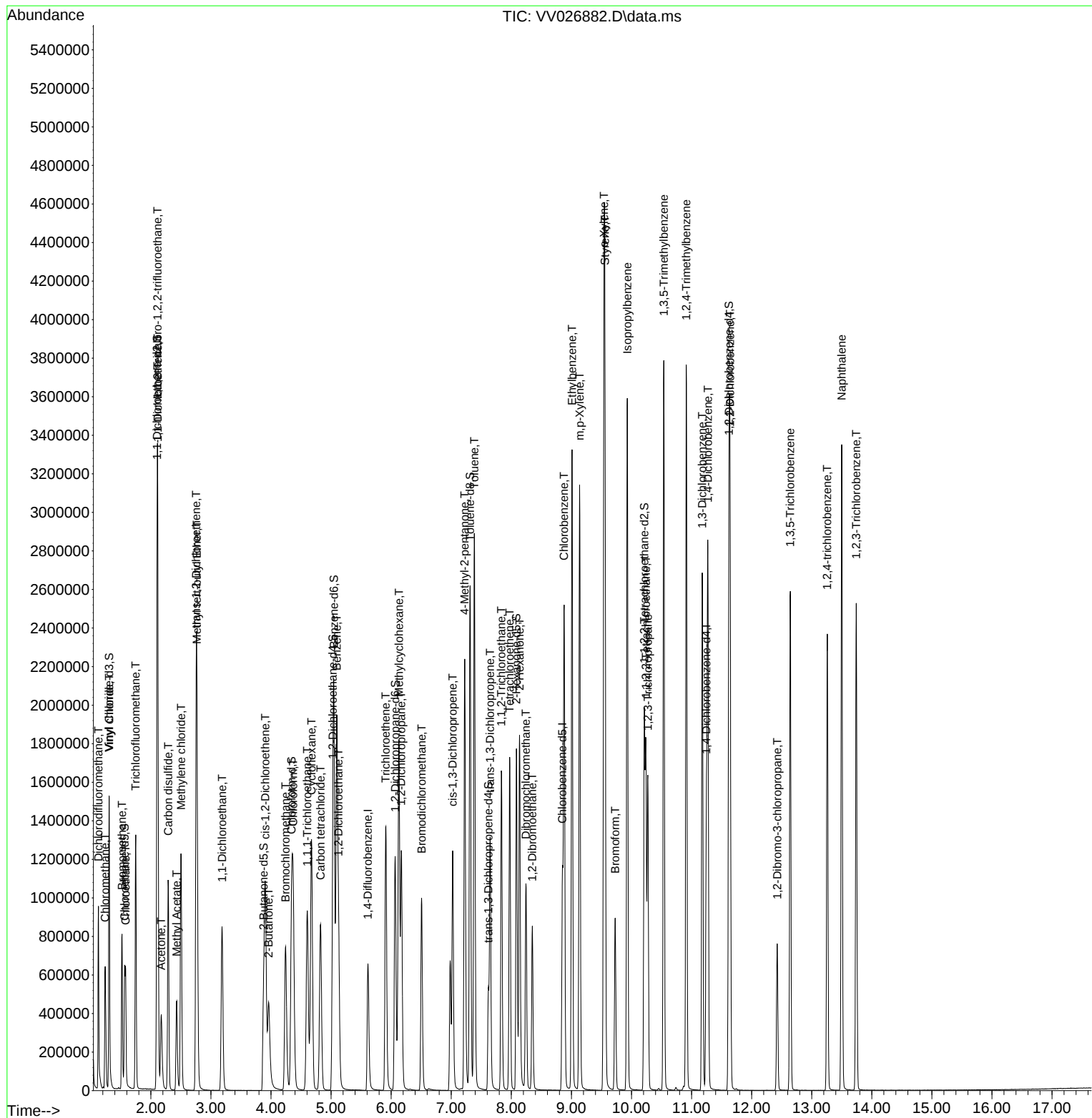
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	525491	101.274	ug/L	99
46) Tetrachloroethene	7.972	164	385147	97.073	ug/L	97
48) 2-Hexanone	8.136	43	1085127	265.990	ug/L	97
49) Dibromochloromethane	8.242	129	564281	111.309	ug/L	98
50) 1,2-Dibromoethane	8.349	107	550487	104.390	ug/L	98
51) Chlorobenzene	8.879	112	1386886	100.487	ug/L	100
52) Ethylbenzene	9.011	91	2281586	109.827	ug/L	100
53) m,p-Xylene	9.136	106	900171	110.309	ug/L	99
54) o-Xylene	9.541	106	882903	112.362	ug/L	99
55) Styrene	9.558	104	1590103	115.027	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	859853	105.425	ug/L	99
59) Bromoform	9.728	173	392491	118.570	ug/L	100
60) Isopropylbenzene	9.931	105	2290727	105.573	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	674419	102.673	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1946045	110.703	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1967187	112.026	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1085951	98.251	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1122374	97.900	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1108182	98.411	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	189517	124.385	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	780263	102.703	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	694060	108.876	ug/L	99
71) Naphthalene	13.499	128	2470179	131.471	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	735138	111.658	ug/L	99

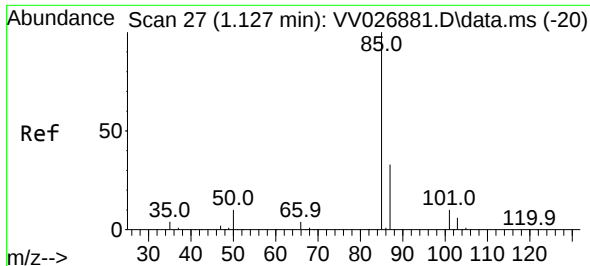
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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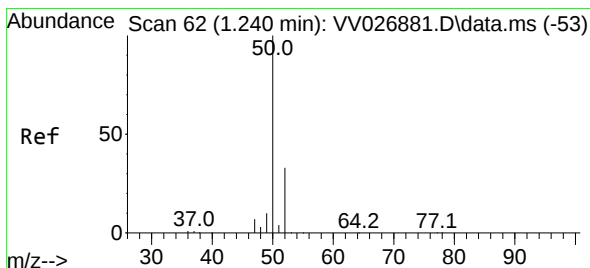
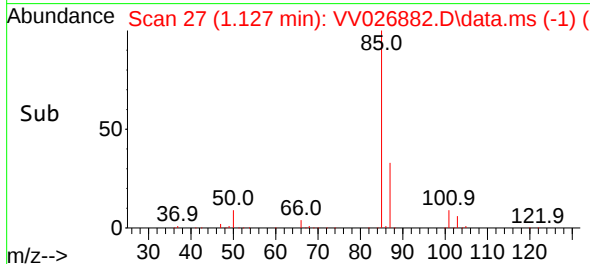
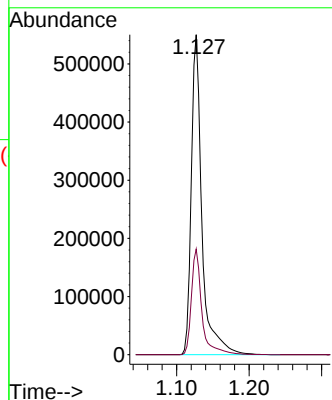
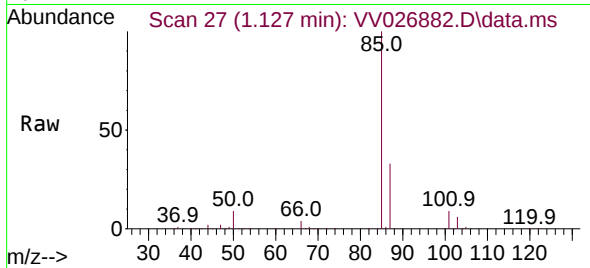




#2
 Dichlorodifluoromethane
 Concen: 121.904 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

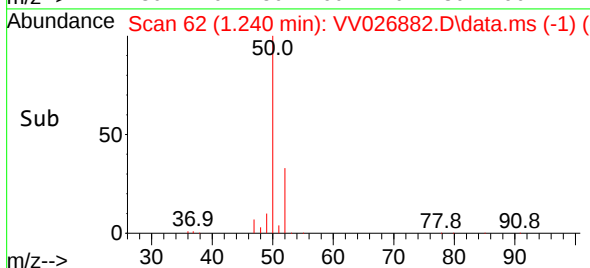
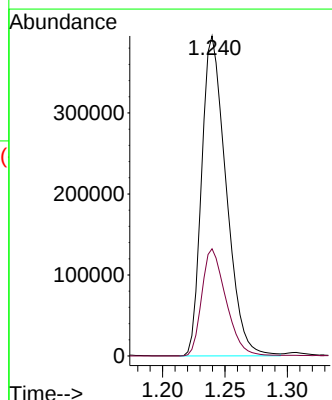
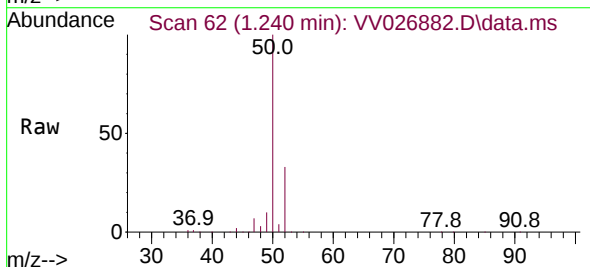
Instrument :
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 ClientSampleId :

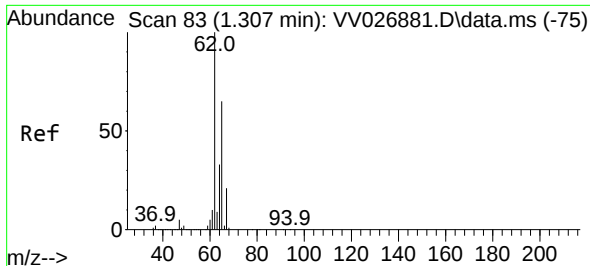
Tgt Ion: 85 Resp: 560466
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 100.519 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

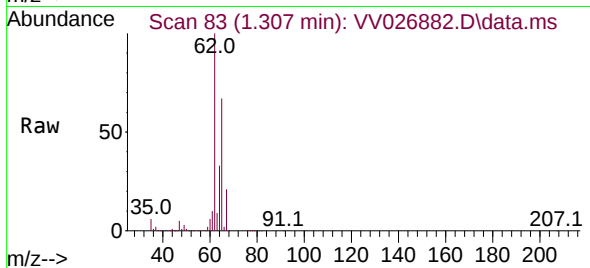
Tgt Ion: 50 Resp: 538470
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9



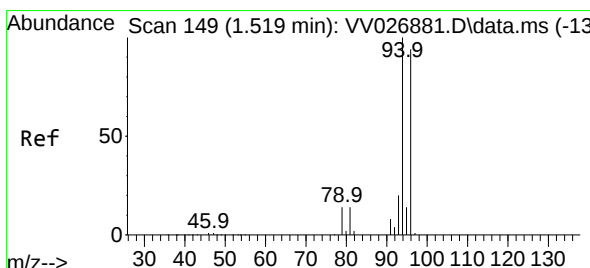
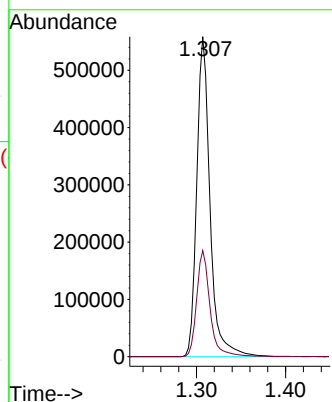
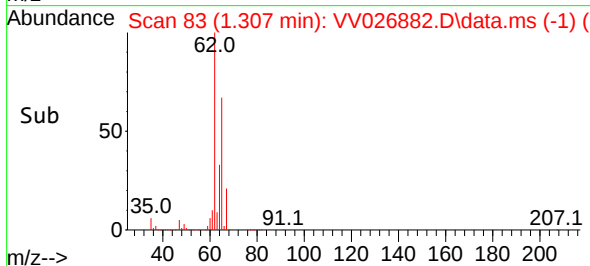


#5
 Vinyl chloride
 Concen: 101.829 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Instrument :
 MSVOA_V
 ClientSampleId :

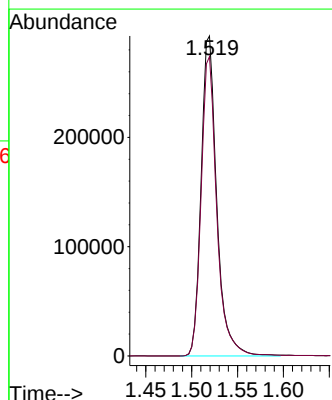
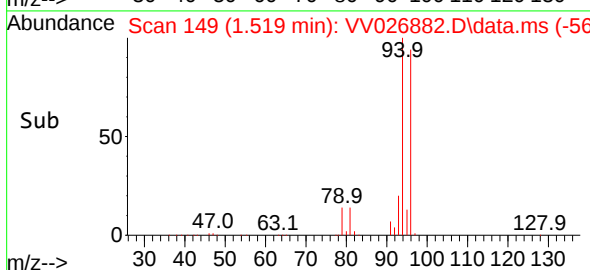
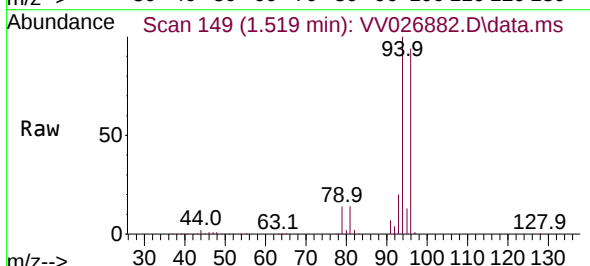


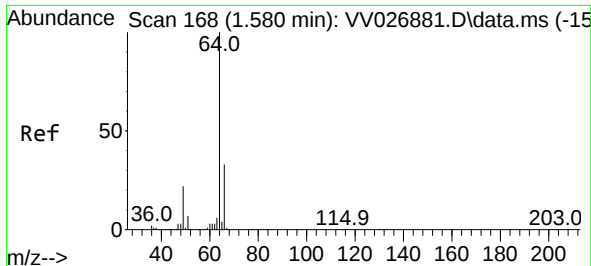
Tgt Ion: 62 Resp: 580054
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 97.678 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

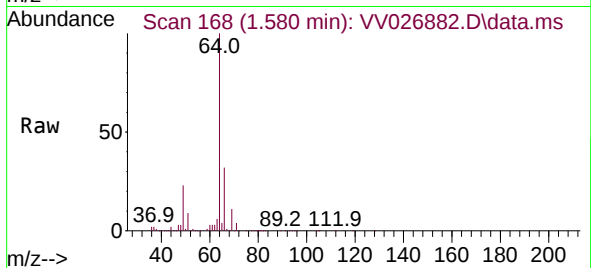
Tgt Ion: 94 Resp: 347900
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2



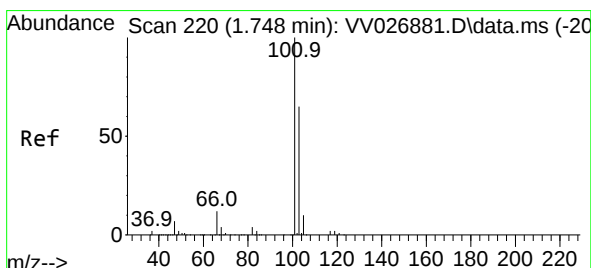
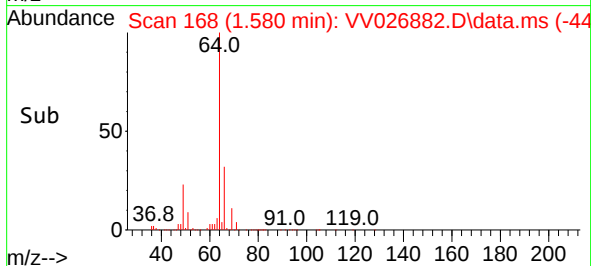
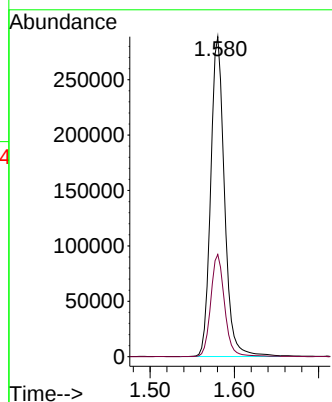


#8
Chloroethane
Concen: 88.216 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Instrument :
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ClientSampleId :

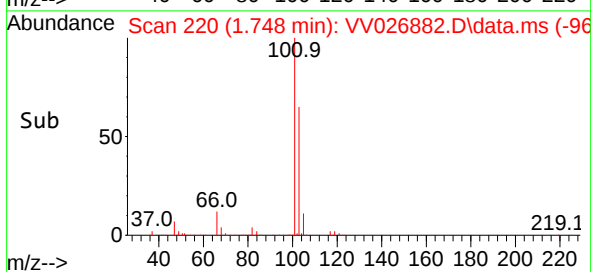
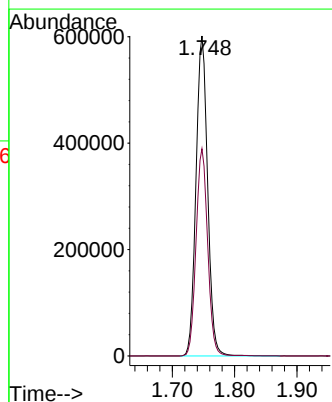
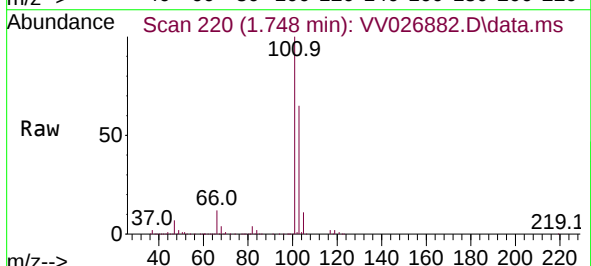


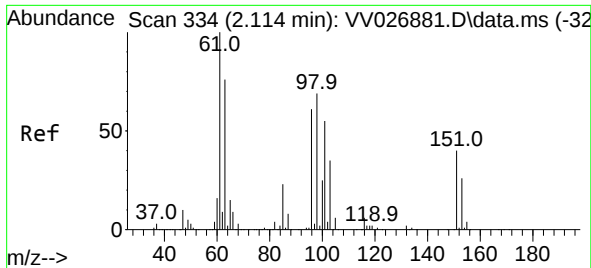
Tgt Ion: 64 Resp: 329227
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 97.886 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 101 Resp: 776921
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

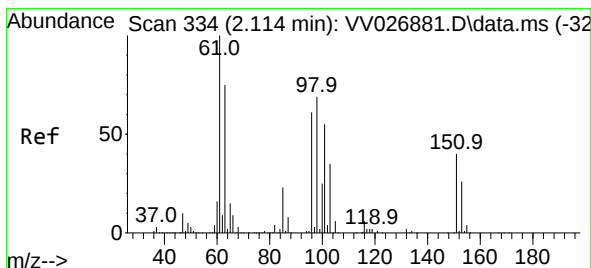
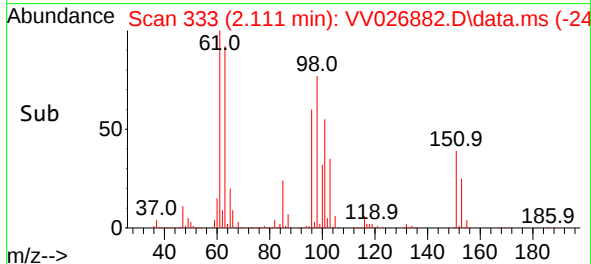
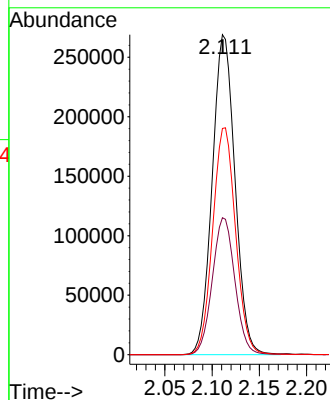
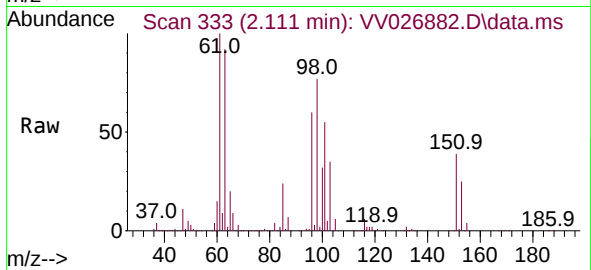




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.025 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

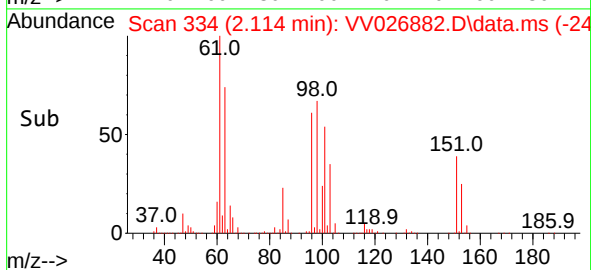
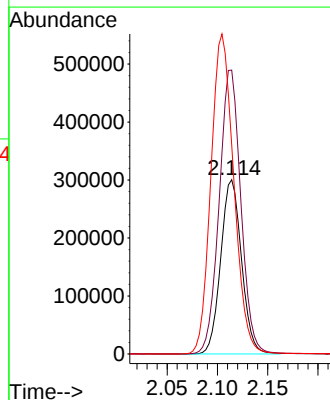
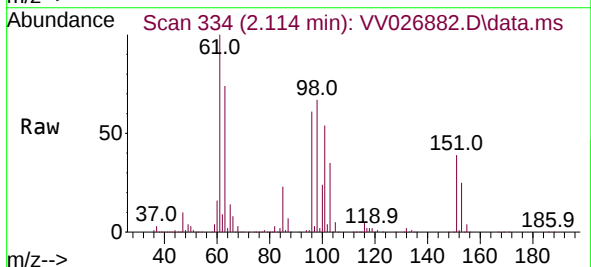
Instrument :
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 ClientSampleId :

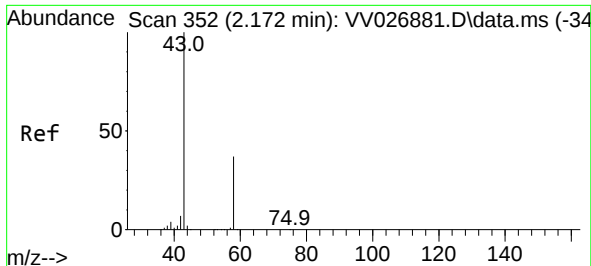
Tgt Ion:101 Resp: 451199
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.1 49.7
 151 71.3 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 94.946 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Tgt Ion: 96 Resp: 431523
 Ion Ratio Lower Upper
 96 100
 61 162.8 114.2 212.0
 63 119.9 87.0 161.6





#13

Acetone

Concen: 247.916 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

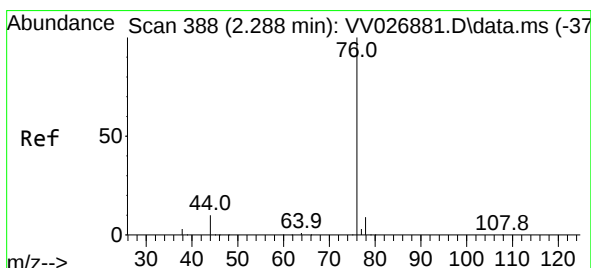
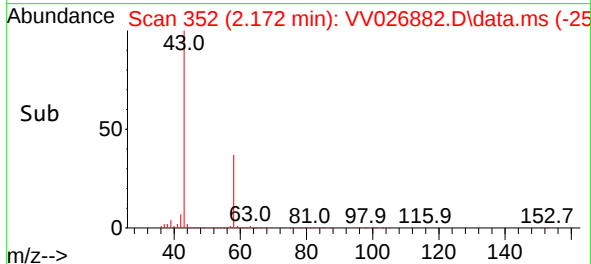
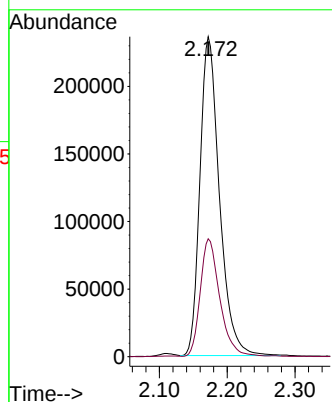
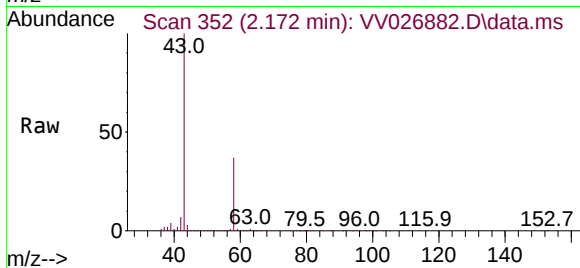
ClientSampleId :

Tgt Ion: 43 Resp: 472155

Ion Ratio Lower Upper

43 100

58 36.8 0.0 72.6



#14

Carbon disulfide

Concen: 98.521 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026882.D

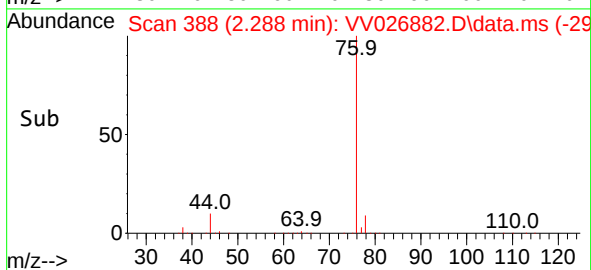
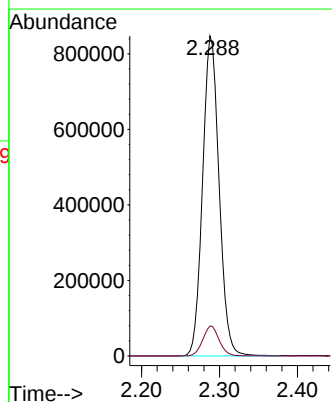
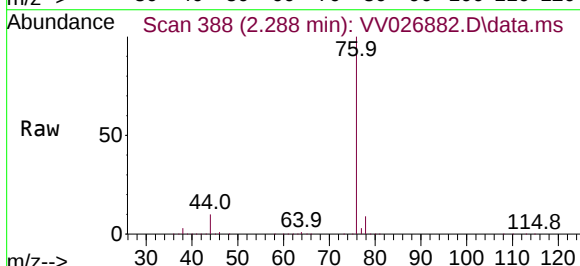
Acq: 22 Jul 2022 11:39

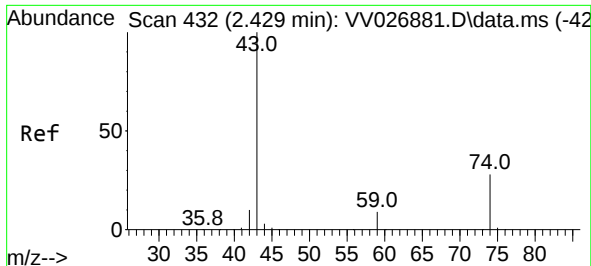
Tgt Ion: 76 Resp: 1245857

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

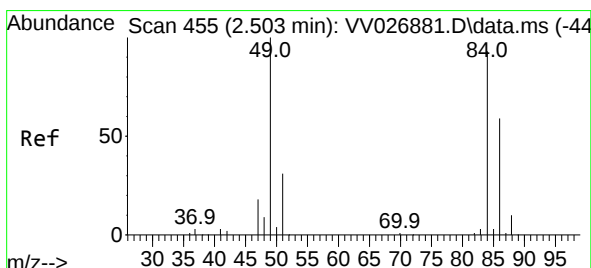
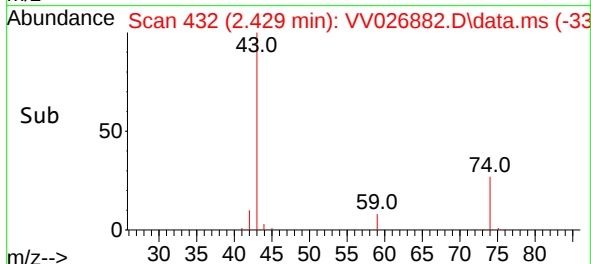
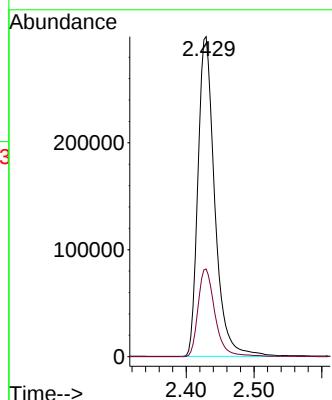
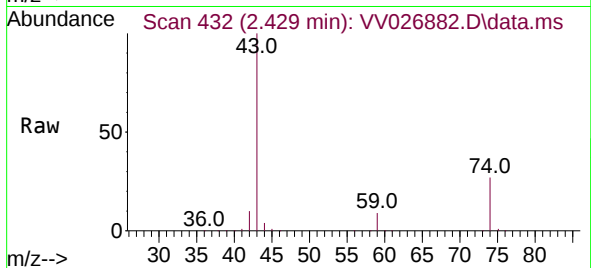




#15
Methyl Acetate
Concen: 128.832 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

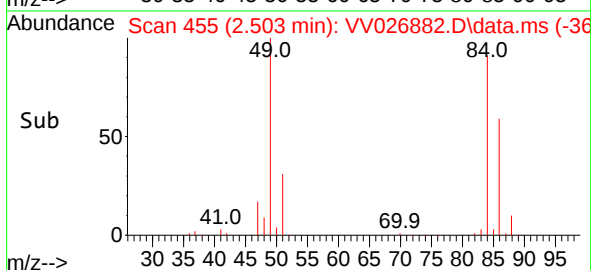
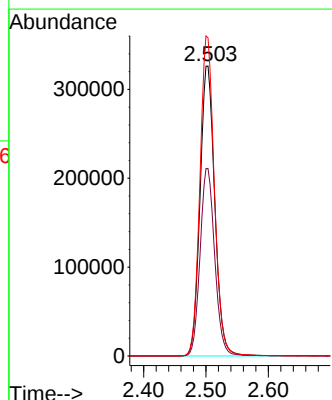
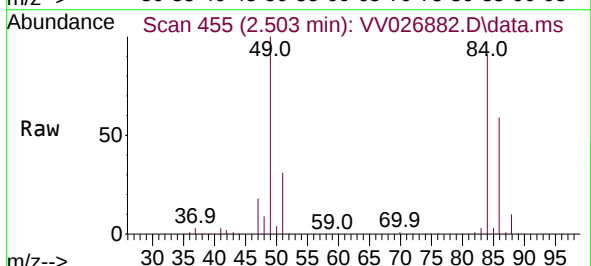
Instrument :
MSVOA_V
ClientSampleId :

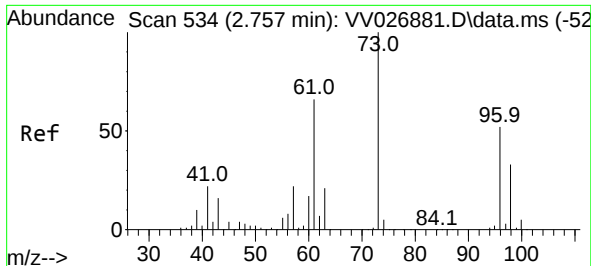
Tgt Ion: 43 Resp: 515076
Ion Ratio Lower Upper
43 100
74 27.3 22.1 33.1



#16
Methylene chloride
Concen: 99.277 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 84 Resp: 535621
Ion Ratio Lower Upper
84 100
86 64.6 44.5 82.7
49 109.7 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 101.511 ug/L

RT: 2.754 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

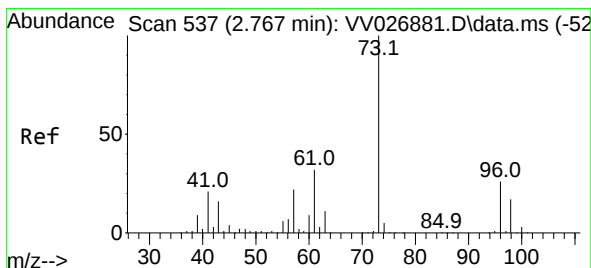
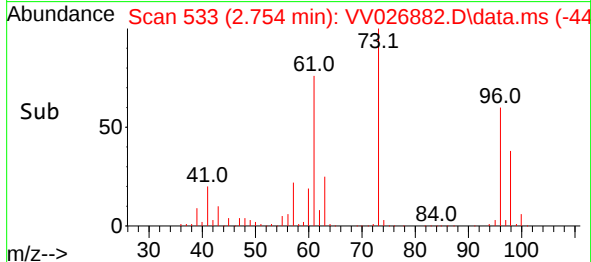
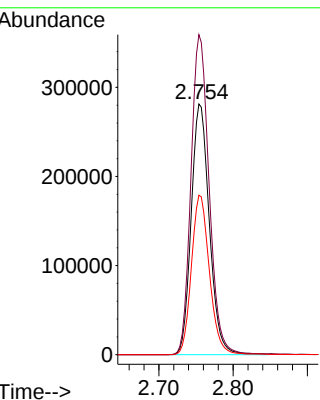
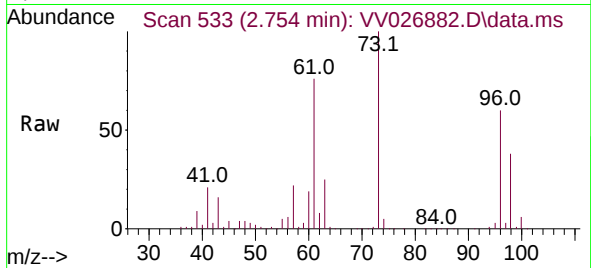
Tgt Ion: 96 Resp: 477214

Ion Ratio Lower Upper

96 100

61 127.6 89.2 165.6

98 63.6 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 107.602 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

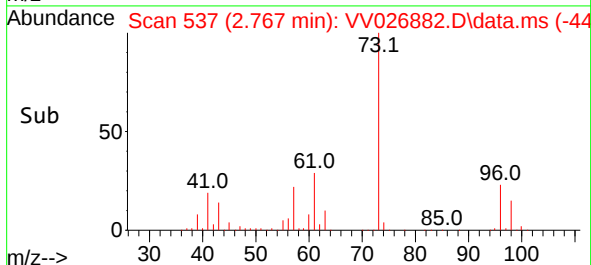
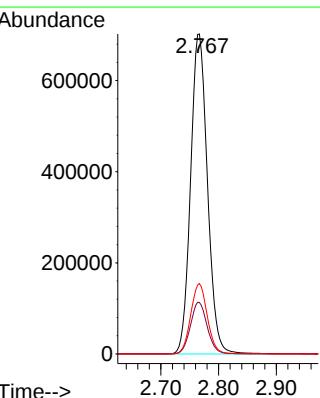
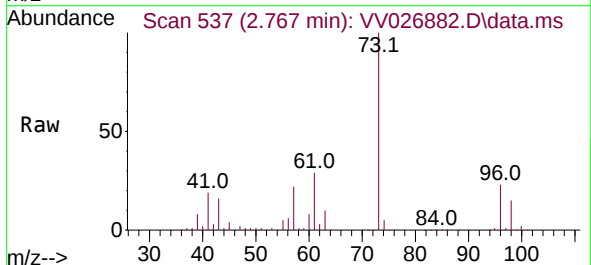
Tgt Ion: 73 Resp: 1423461

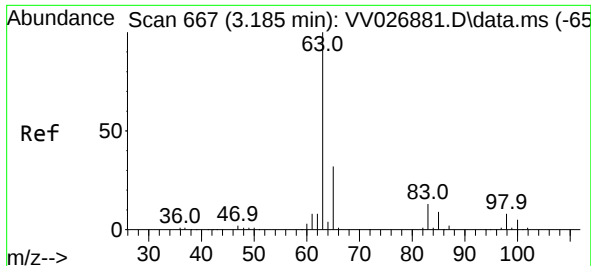
Ion Ratio Lower Upper

73 100

43 16.1 12.8 19.2

57 21.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 100.613 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

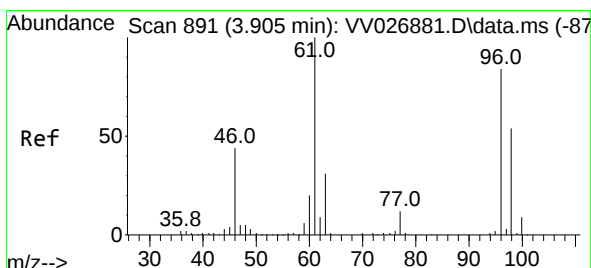
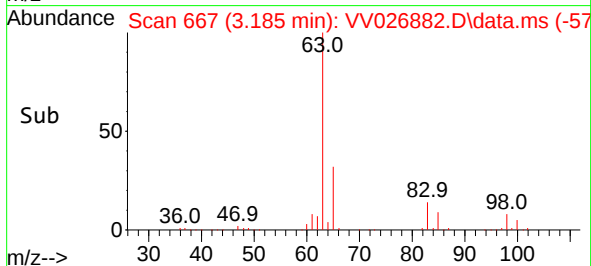
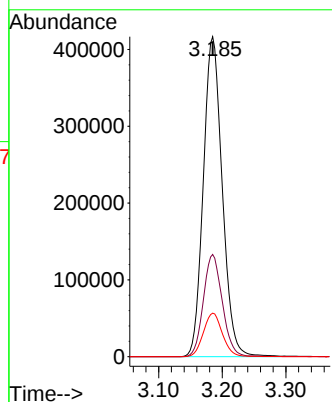
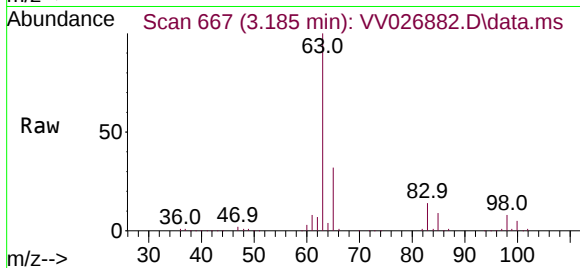
Tgt Ion: 63 Resp: 861291

Ion Ratio Lower Upper

63 100

65 32.0 22.6 42.0

83 13.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 105.763 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

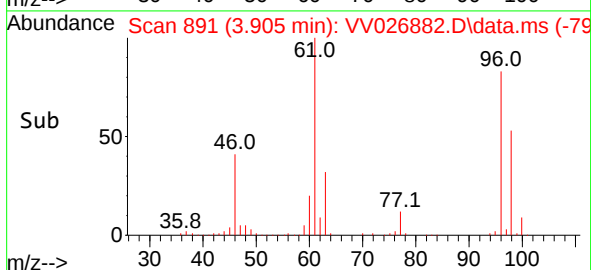
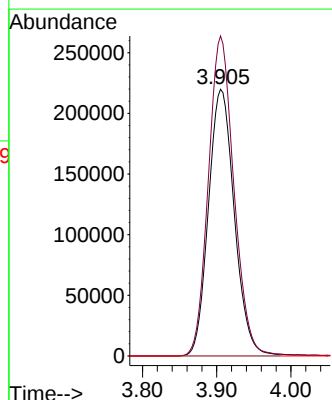
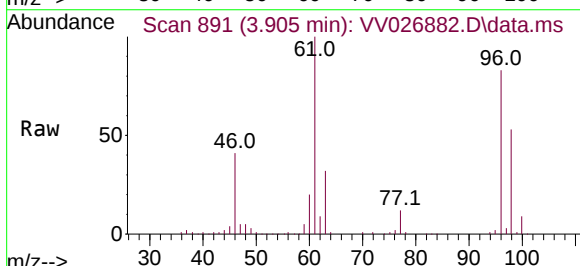
Tgt Ion: 96 Resp: 532720

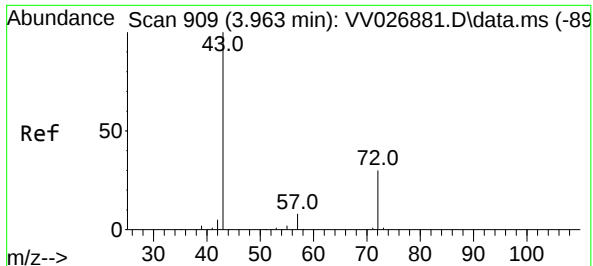
Ion Ratio Lower Upper

96 100

61 120.0 83.0 154.1

68 0.0 0.0 0.0

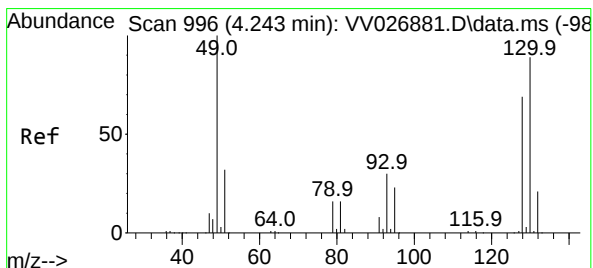
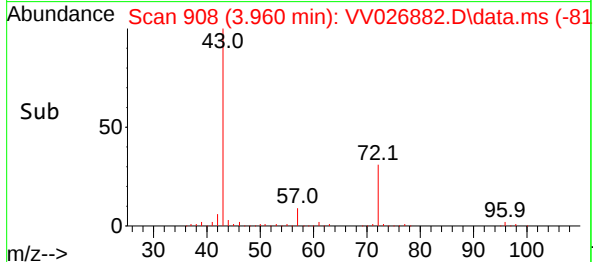
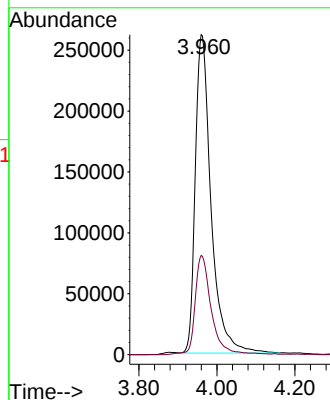
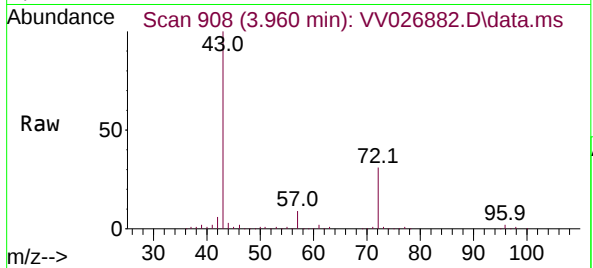




#22
2-Butanone
Concen: 284.812 ug/L
RT: 3.960 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

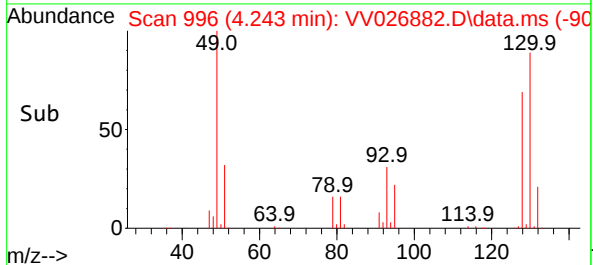
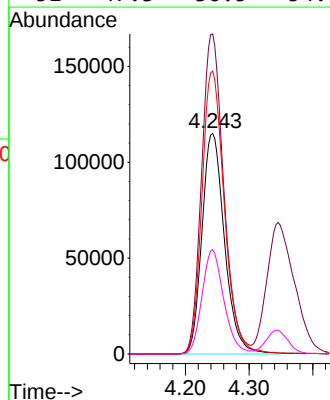
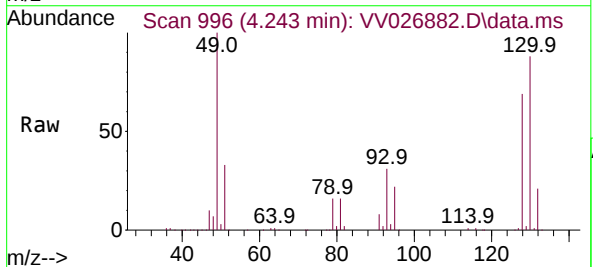
Instrument :
MSVOA_V
ClientSampleId :

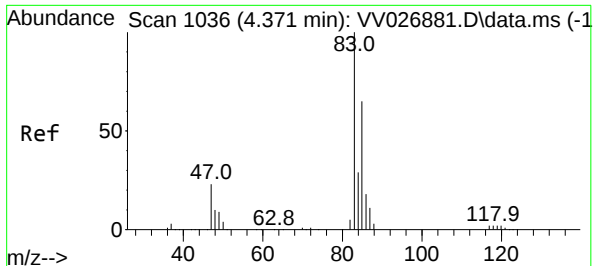
Tgt Ion: 43 Resp: 734247
Ion Ratio Lower Upper
43 100
72 30.2 14.9 44.5



#23
Bromochloromethane
Concen: 98.273 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion:128 Resp: 282121
Ion Ratio Lower Upper
128 100
49 145.0 101.0 187.6
130 128.2 90.0 167.2
51 47.3 36.5 54.7





#25

Chloroform

Concen: 100.465 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

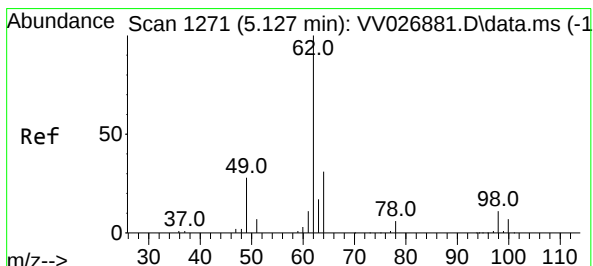
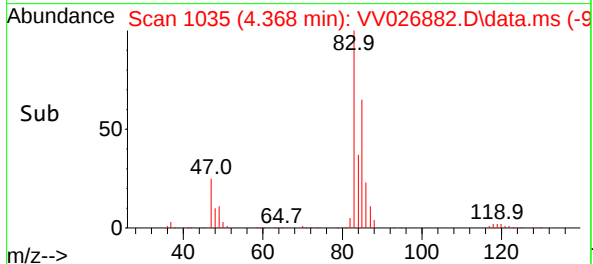
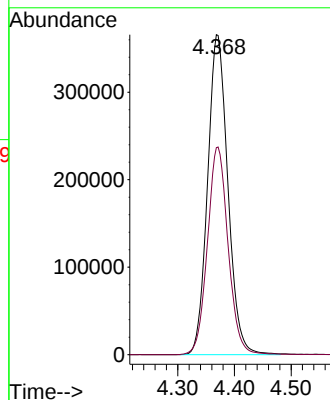
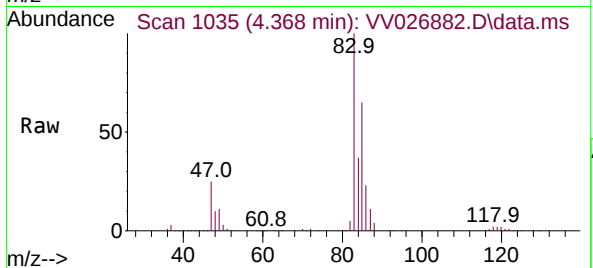
ClientSampleId :

Tgt Ion: 83 Resp: 909949

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 105.800 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV026882.D

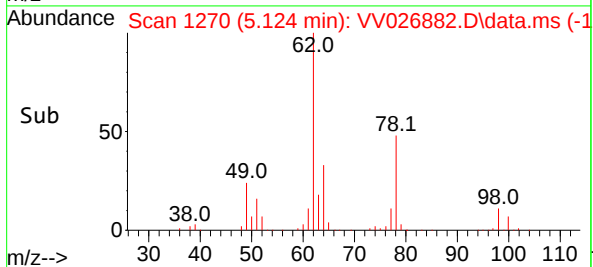
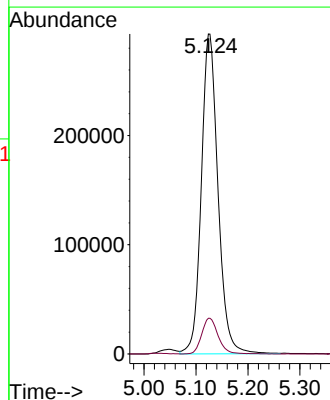
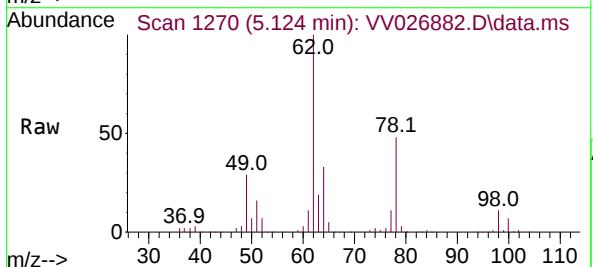
Acq: 22 Jul 2022 11:39

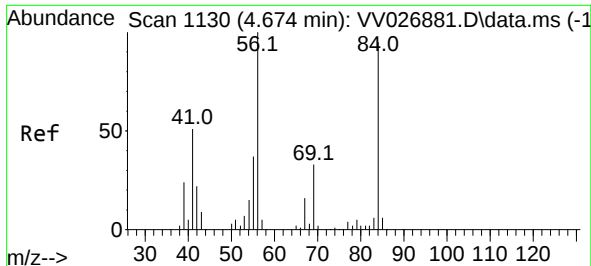
Tgt Ion: 62 Resp: 651983

Ion Ratio Lower Upper

62 100

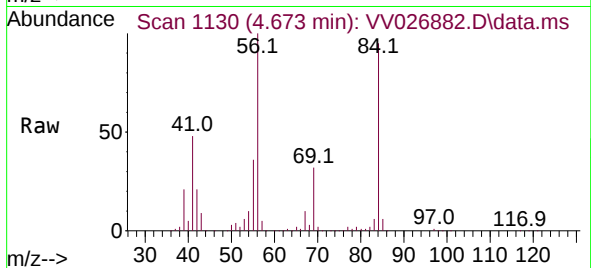
98 11.1 8.9 13.3



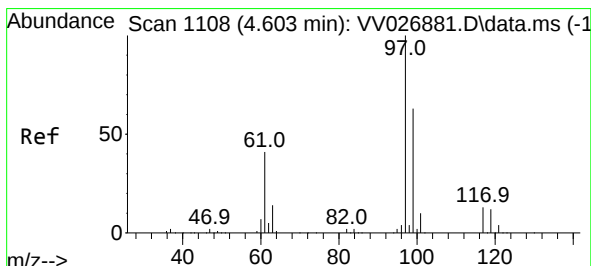
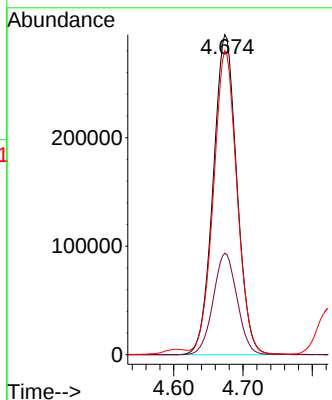
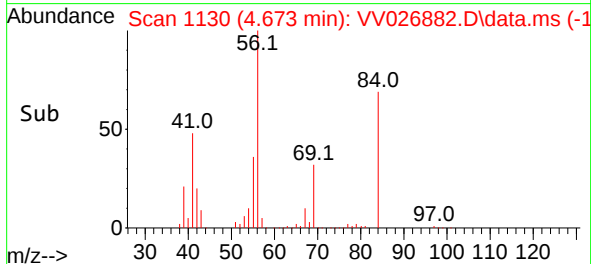


#29
Cyclohexane
Concen: 110.136 ug/L
RT: 4.673 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

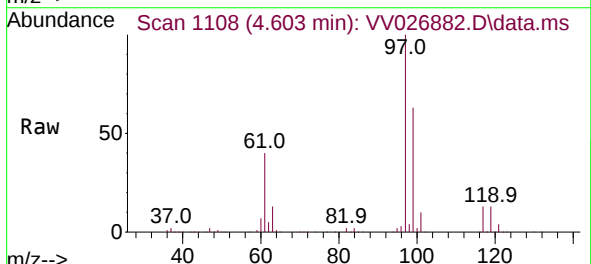
Instrument :
MSVOA_V
ClientSampleId :



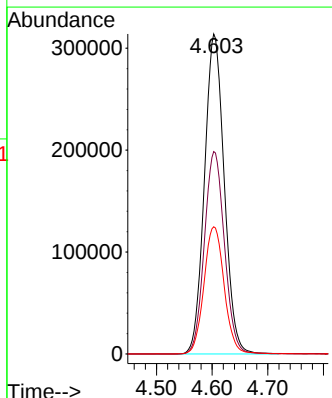
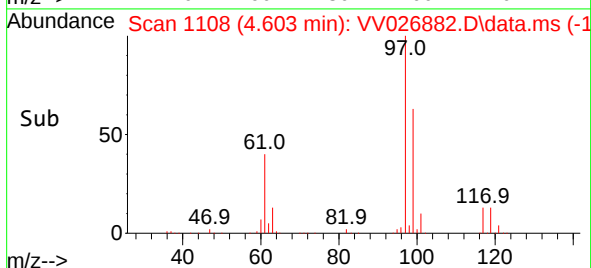
Tgt Ion: 56 Resp: 701586
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 94.6 77.0 115.6

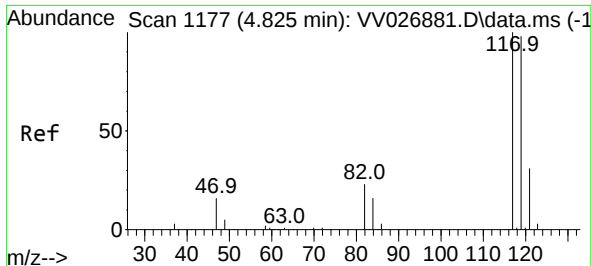


#30
1,1,1-Trichloroethane
Concen: 98.549 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39



Tgt Ion: 97 Resp: 775904
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 40.8 33.1 49.7

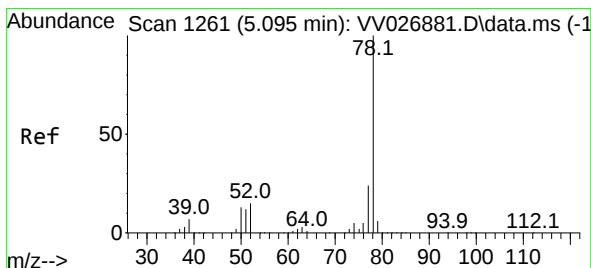
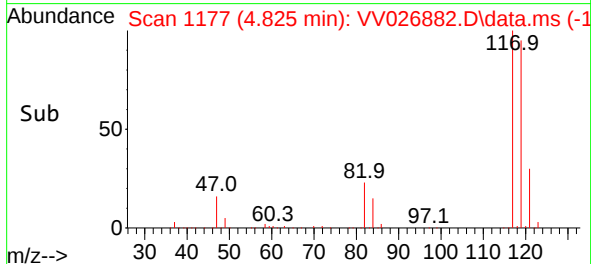
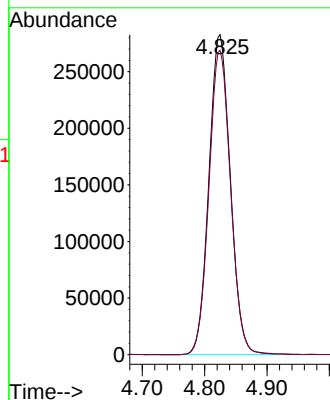
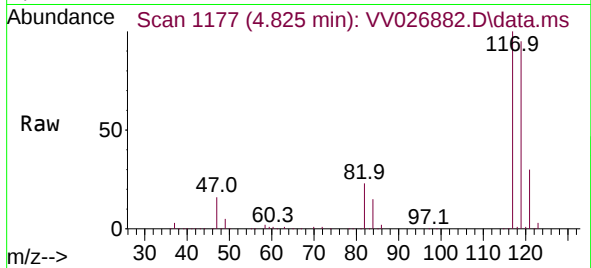




#31
Carbon tetrachloride
Concen: 101.731 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

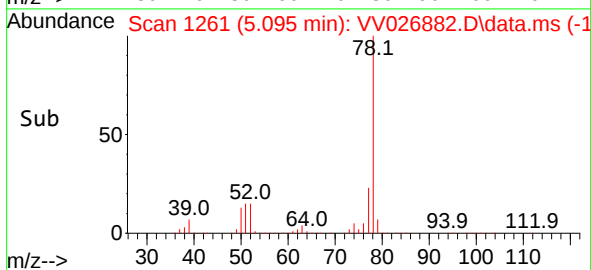
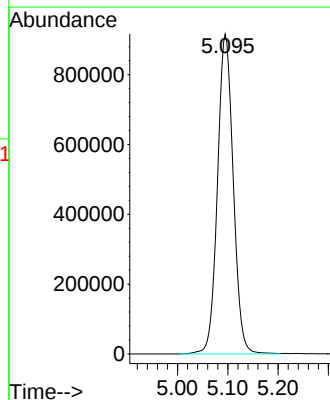
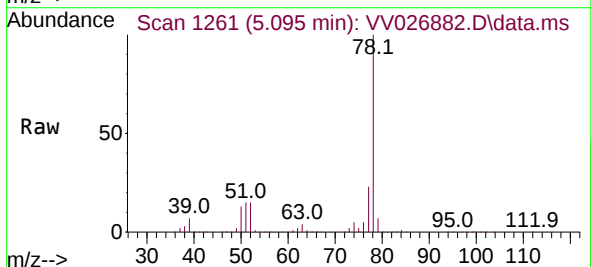
Instrument :
MSVOA_V
ClientSampleId :

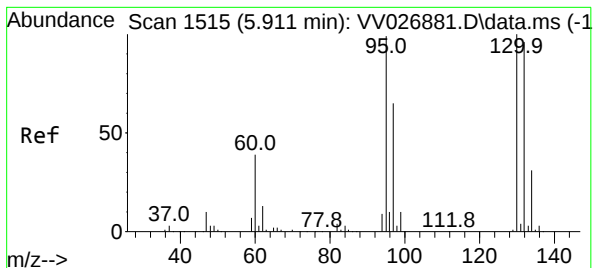
Tgt Ion:117 Resp: 675500
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9



#33
Benzene
Concen: 102.172 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 78 Resp: 1995774





#34

Trichloroethene

Concen: 100.021 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 493874

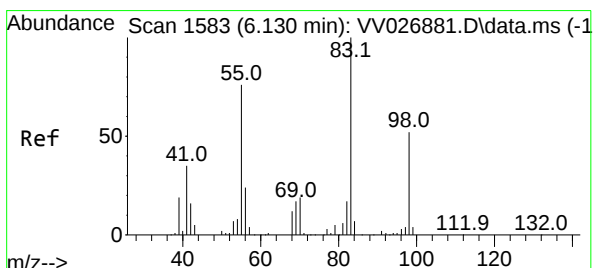
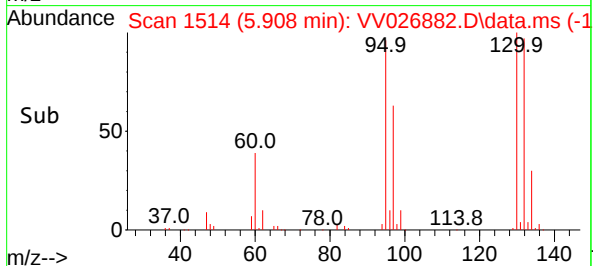
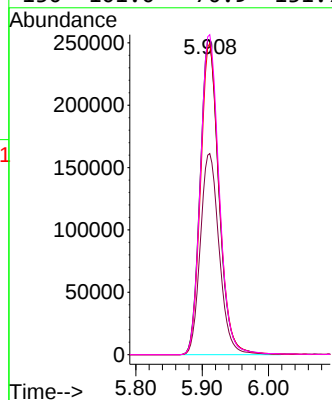
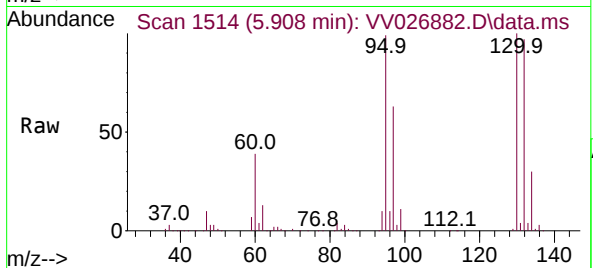
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 97.5 68.1 126.5

130 101.0 70.9 131.7



#35

Methylcyclohexane

Concen: 108.266 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

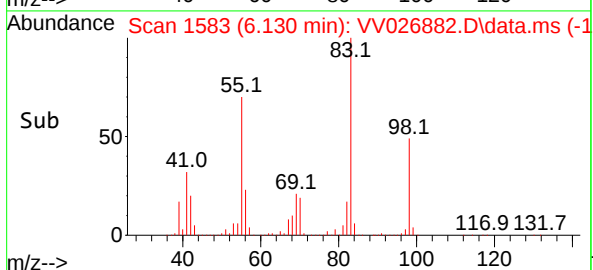
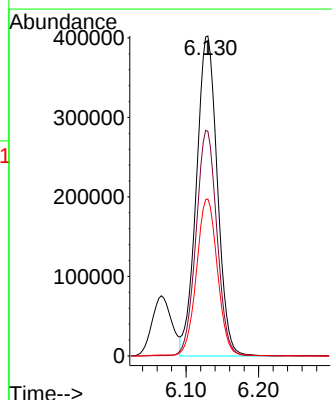
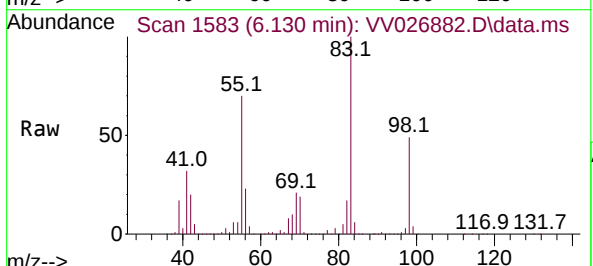
Tgt Ion: 83 Resp: 808619

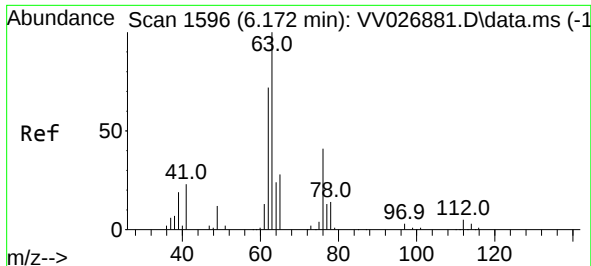
Ion Ratio Lower Upper

83 100

55 70.1 57.4 86.2

98 49.1 39.4 59.0





#37

1,2-Dichloropropane

Concen: 101.220 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

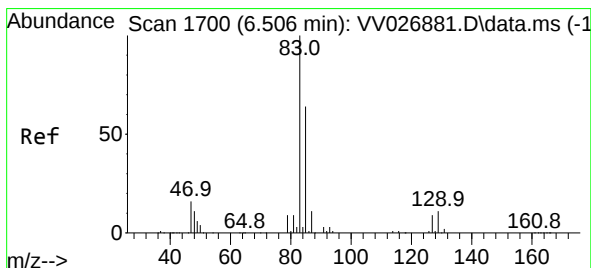
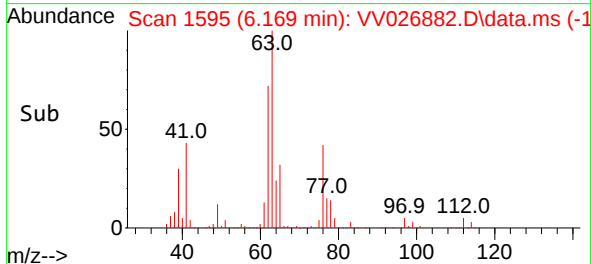
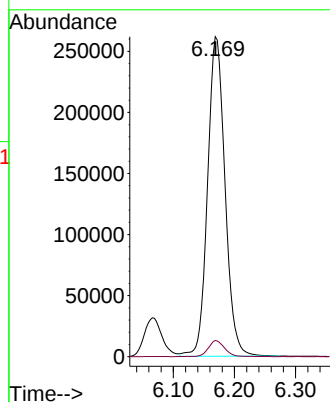
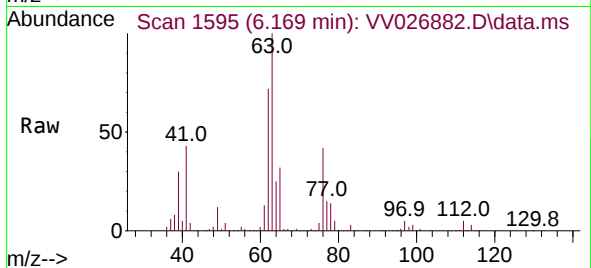
ClientSampleId :

Tgt Ion: 63 Resp: 518933

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 102.480 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

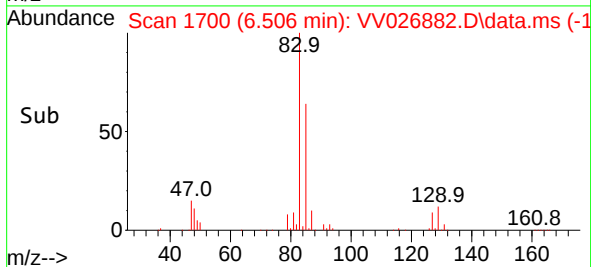
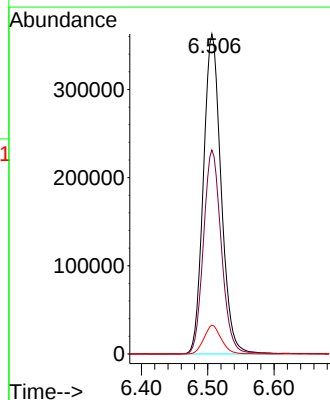
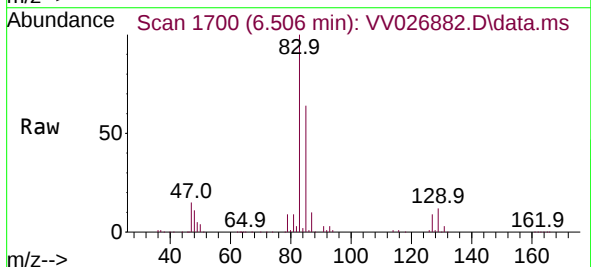
Tgt Ion: 83 Resp: 672943

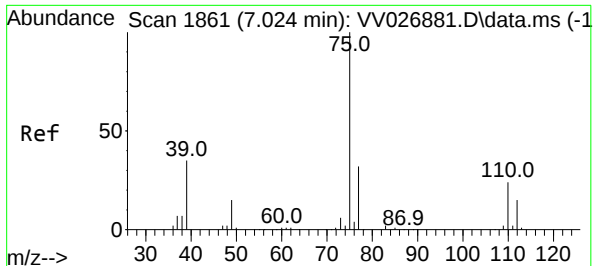
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 113.044 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

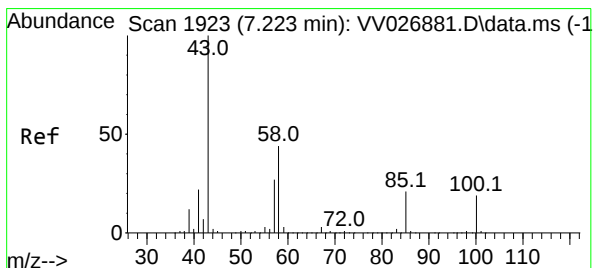
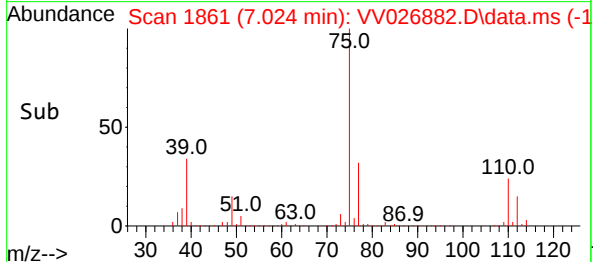
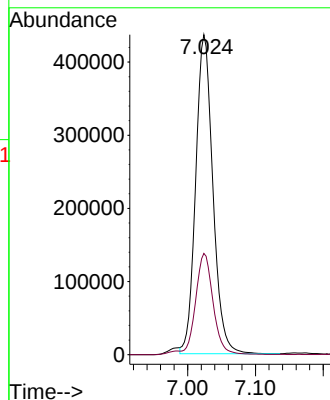
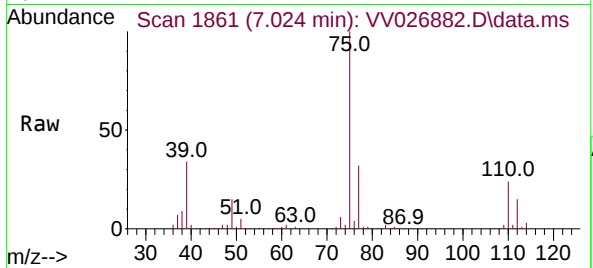
ClientSampleId :

Tgt Ion: 75 Resp: 768650

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 257.935 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

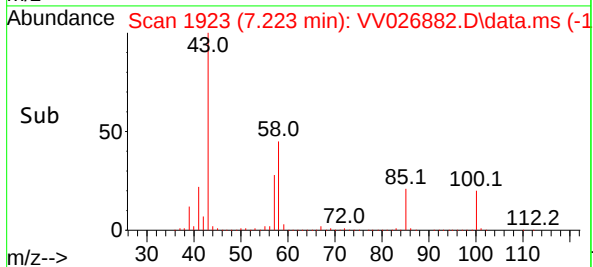
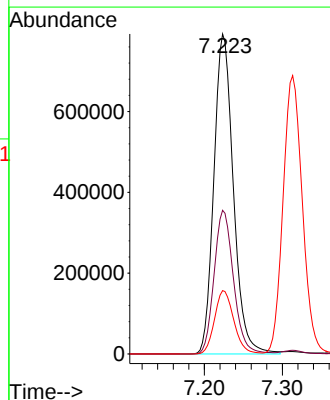
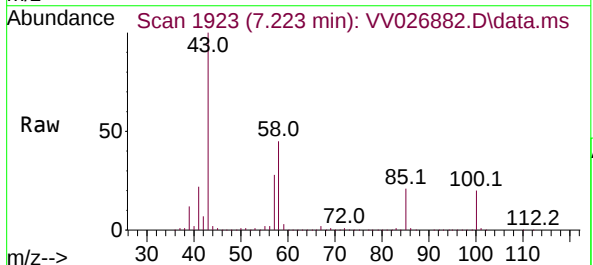
Tgt Ion: 43 Resp: 1376676

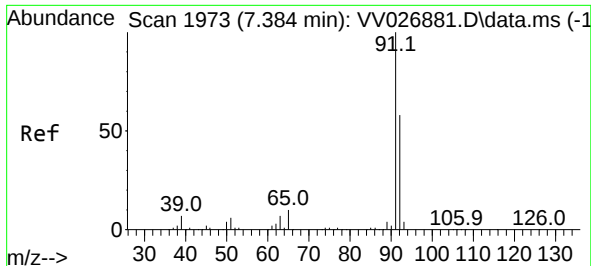
Ion Ratio Lower Upper

43 100

58 44.7 35.0 52.6

100 19.6 15.4 23.0

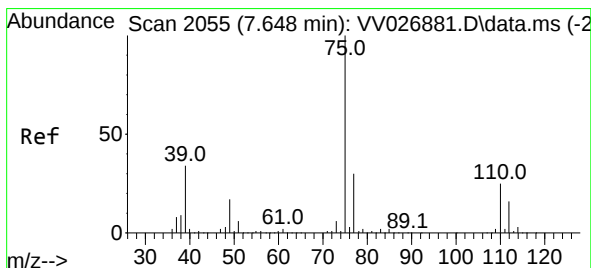
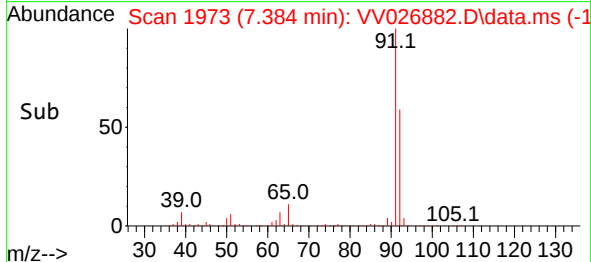
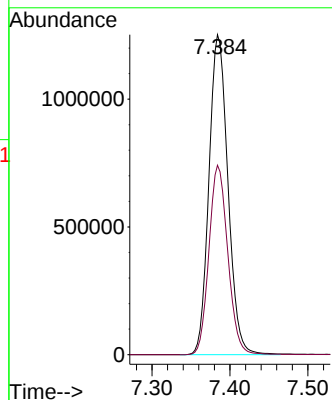
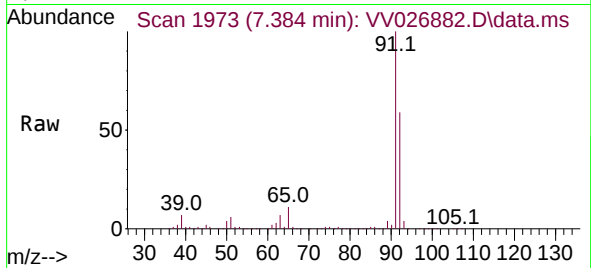




#42
Toluene
Concen: 103.656 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

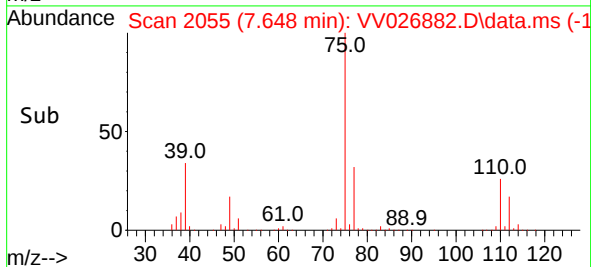
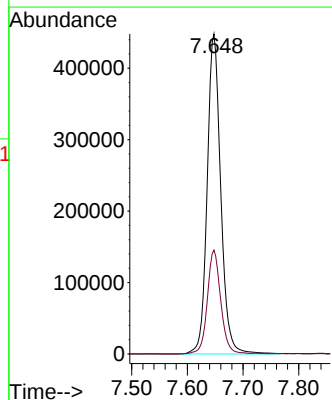
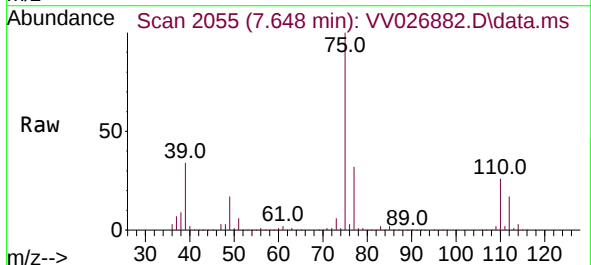
Instrument :
MSVOA_V
ClientSampleId :

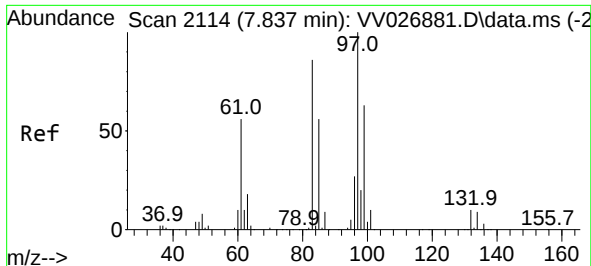
Tgt Ion: 91 Resp: 2118394
Ion Ratio Lower Upper
91 100
92 59.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 118.625 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 75 Resp: 758103
Ion Ratio Lower Upper
75 100
77 32.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 101.274 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 525491

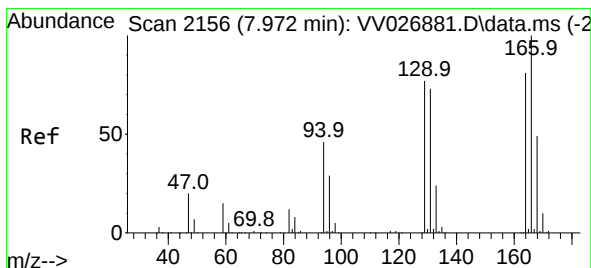
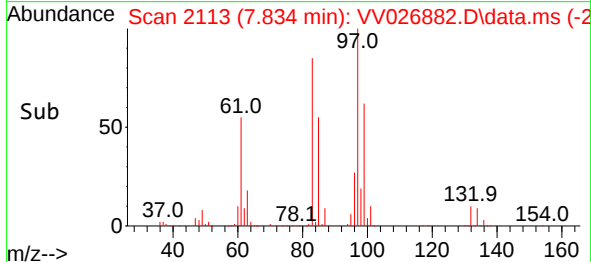
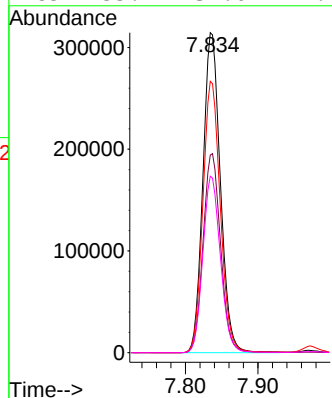
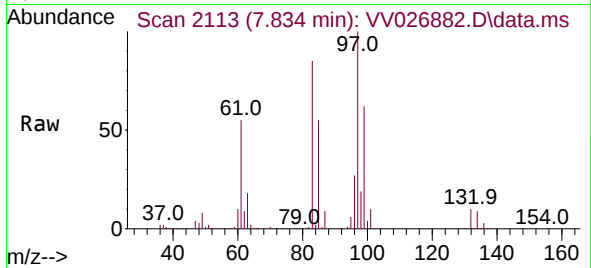
Ion Ratio Lower Upper

97 100

99 61.7 44.0 81.8

83 84.8 59.9 111.3

85 55.2 39.0 72.4



#46

Tetrachloroethene

Concen: 97.073 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Tgt Ion:164 Resp: 385147

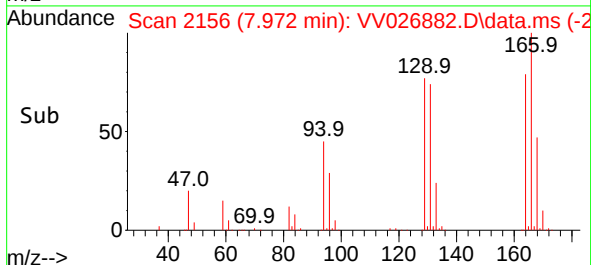
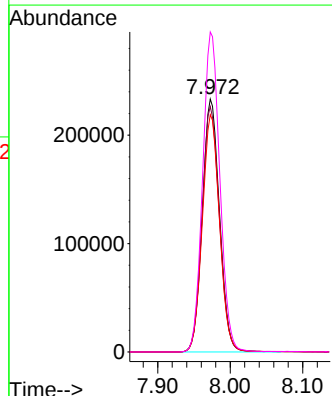
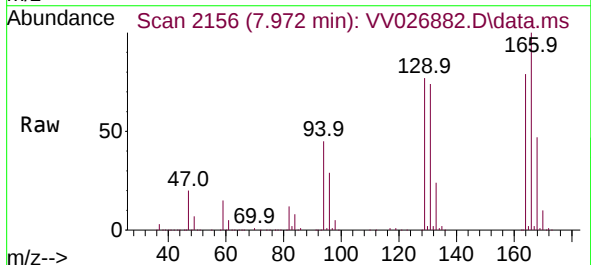
Ion Ratio Lower Upper

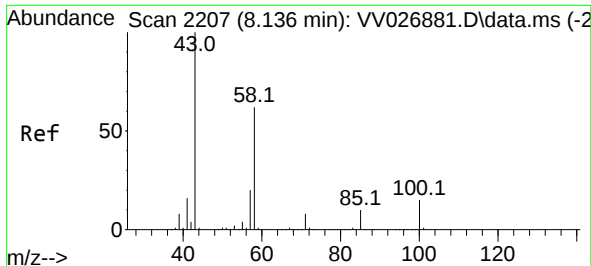
164 100

129 97.0 66.3 123.1

131 93.8 63.1 117.3

166 126.5 86.2 160.2



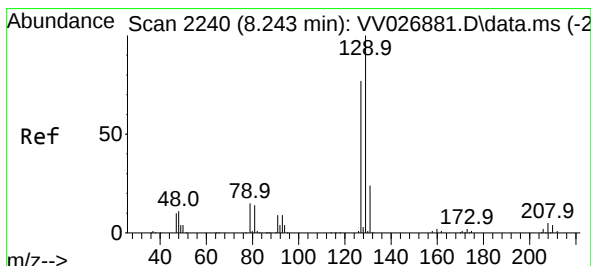
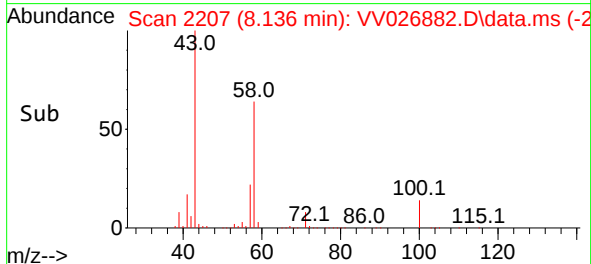
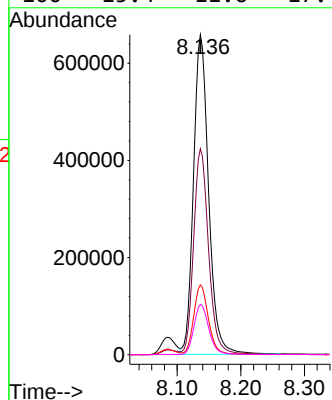
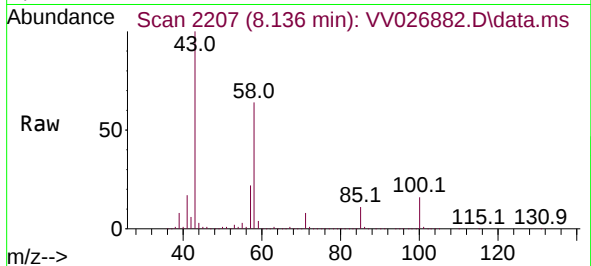


#48
2-Hexanone
Concen: 265.990 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1085127

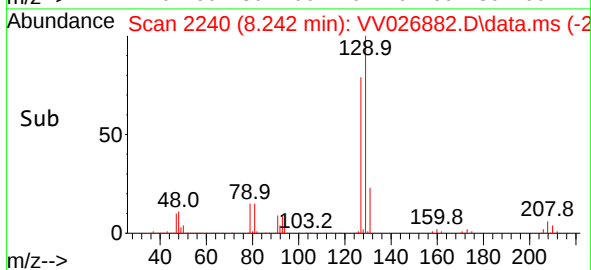
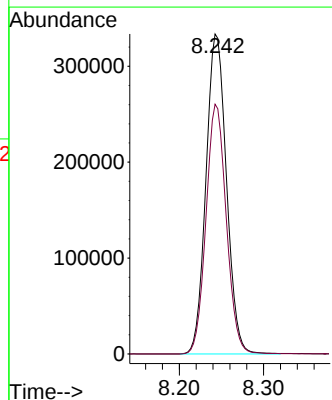
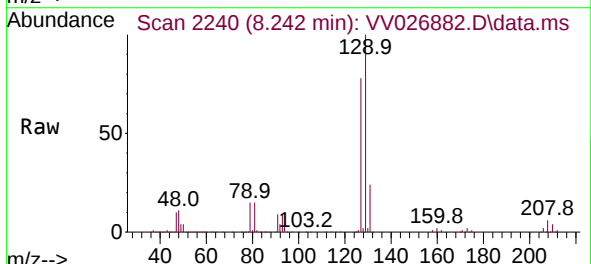
Ion	Ratio	Lower	Upper
43	100		
58	63.4	48.8	73.2
57	21.5	16.6	24.8
100	15.4	11.6	17.4

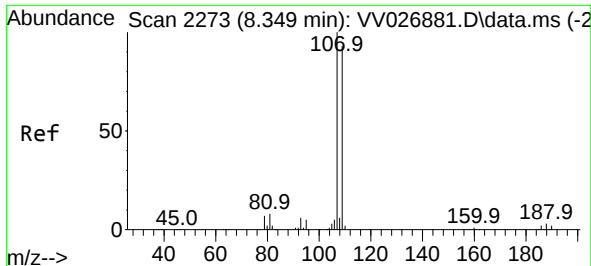


#49
Dibromochloromethane
Concen: 111.309 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 129 Resp: 564281

Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 104.390 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

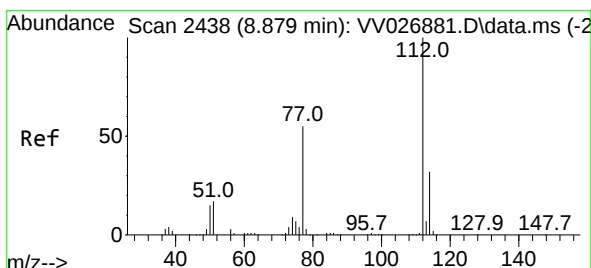
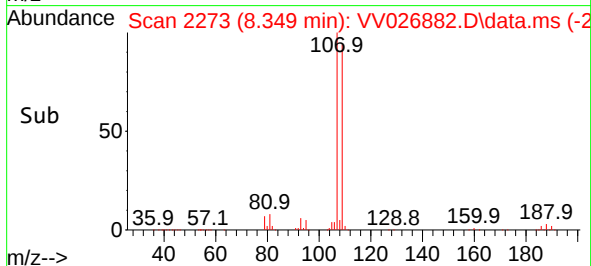
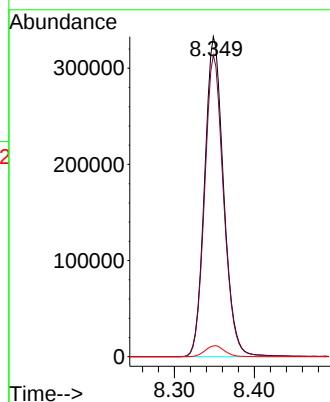
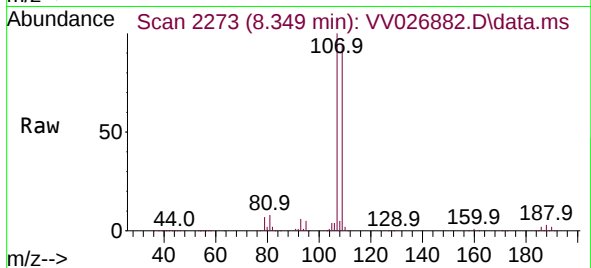
Tgt Ion:107 Resp: 550487

Ion Ratio Lower Upper

107 100

109 94.3 64.9 120.5

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 100.487 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

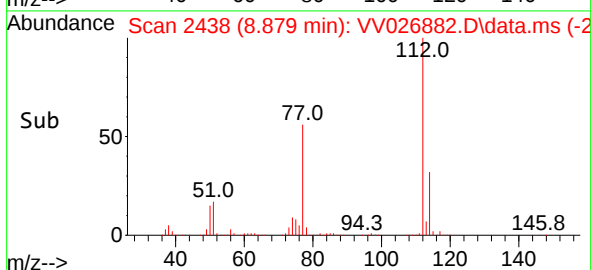
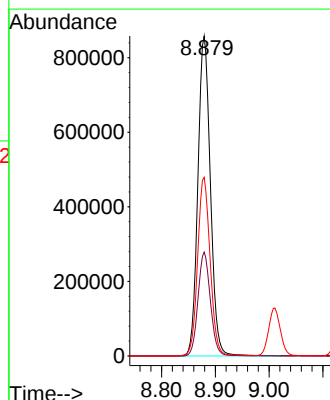
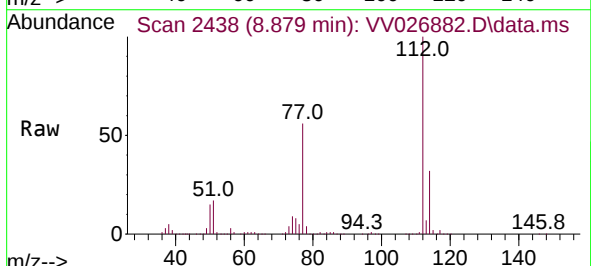
Tgt Ion:112 Resp: 1386886

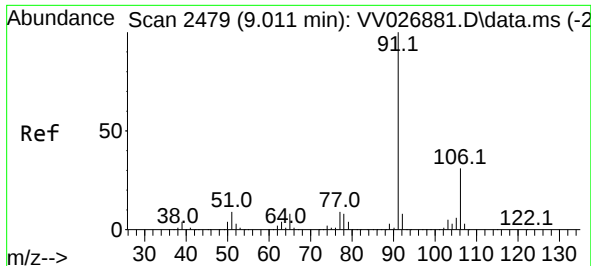
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 55.8 44.4 66.6

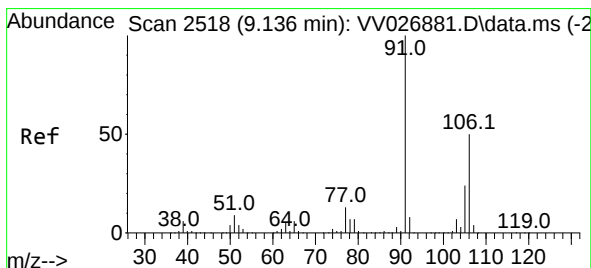
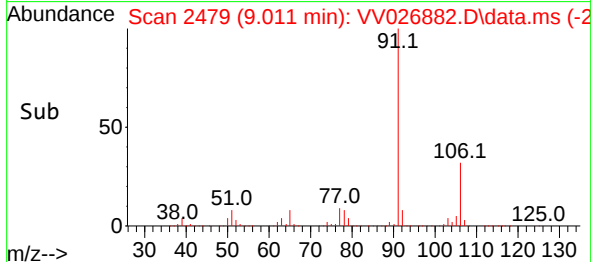
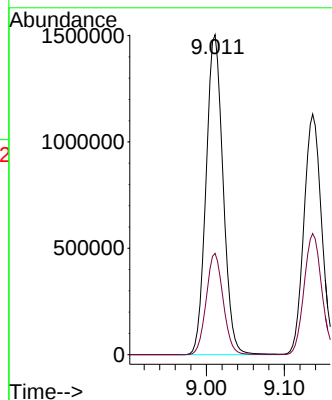
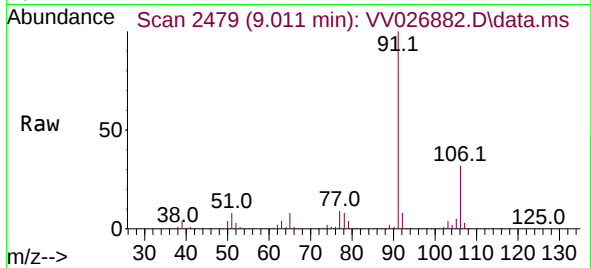




#52
Ethylbenzene
Concen: 109.827 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

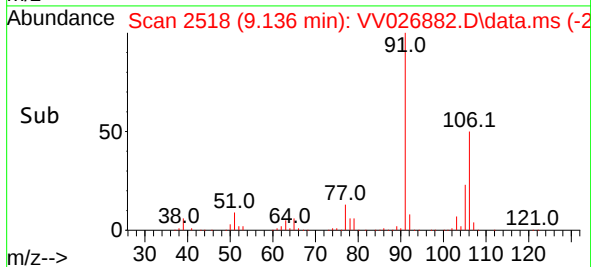
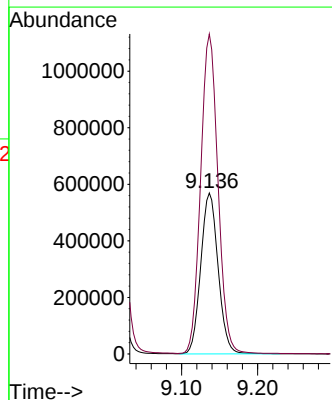
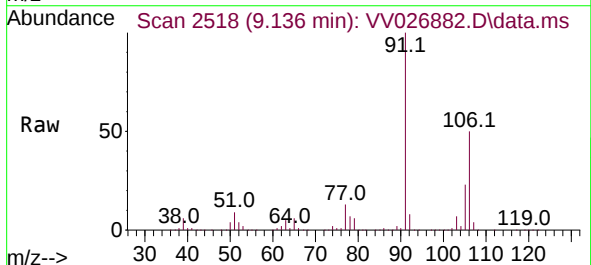
Instrument :
MSVOA_V
ClientSampleId :

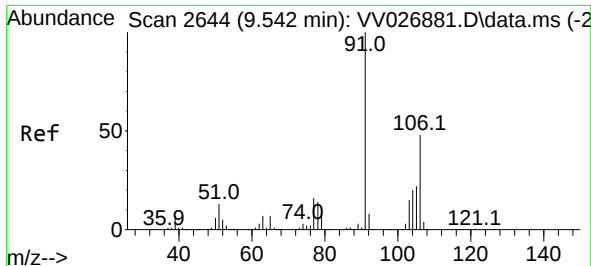
Tgt Ion: 91 Resp: 2281586
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 110.309 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 106 Resp: 900171
Ion Ratio Lower Upper
106 100
91 198.8 140.0 260.0

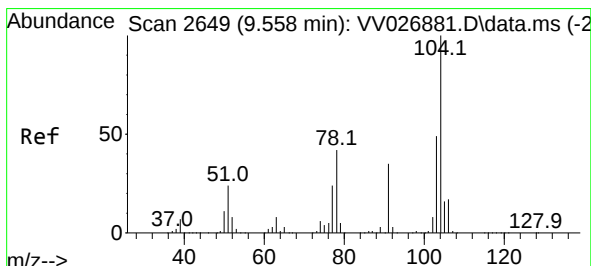
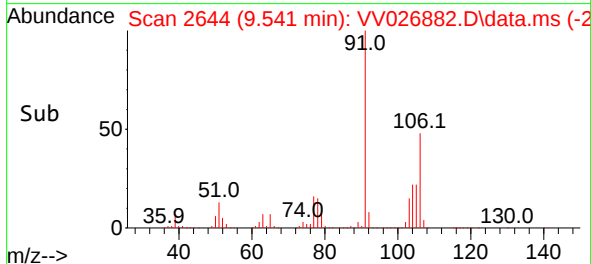
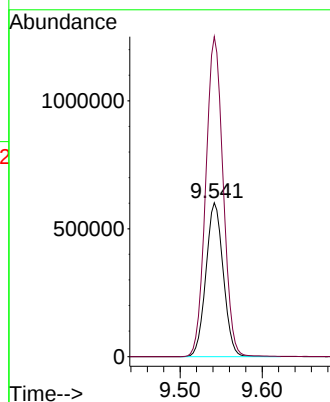
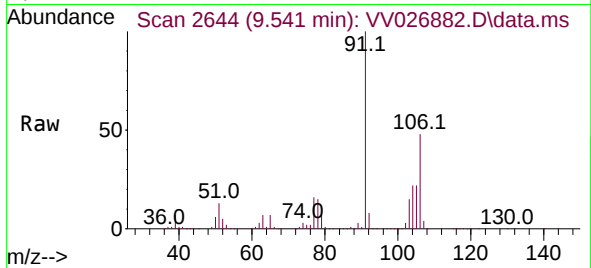




#54
o-Xylene
Concen: 112.362 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

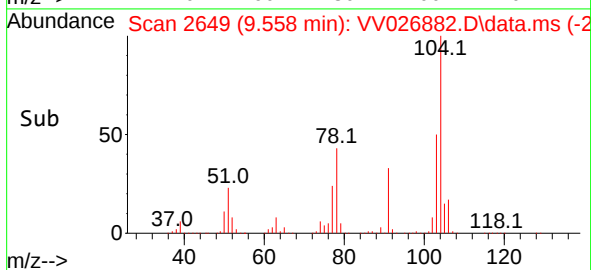
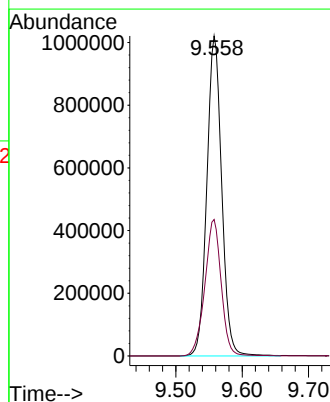
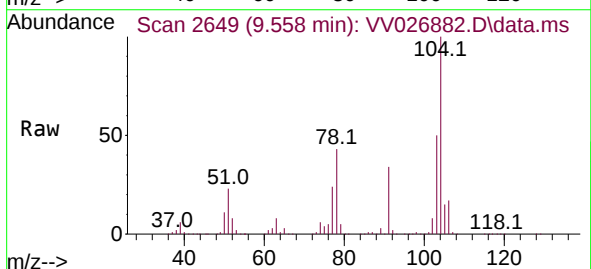
Instrument :
MSVOA_V
ClientSampleId :

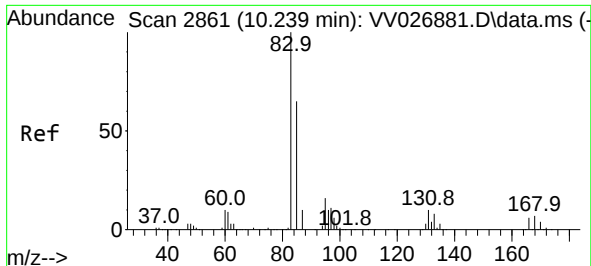
Tgt Ion:106 Resp: 882903
Ion Ratio Lower Upper
106 100
91 207.9 146.1 271.3



#55
Styrene
Concen: 115.027 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion:104 Resp: 1590103
Ion Ratio Lower Upper
104 100
78 42.7 29.6 55.0



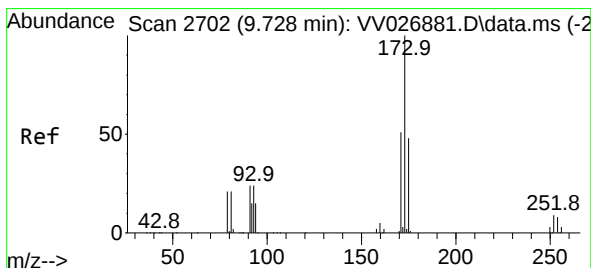
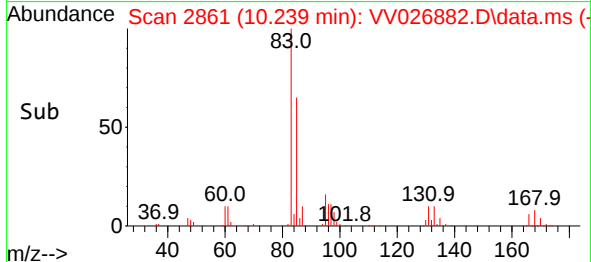
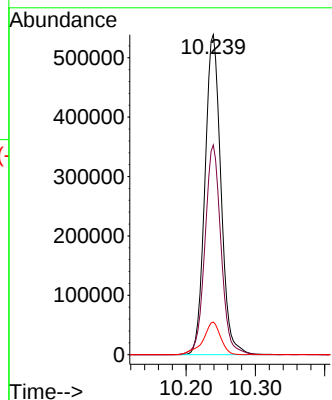
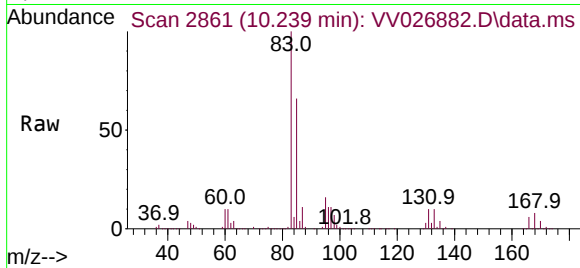


#57
 1,1,2,2-Tetrachloroethane
 Concen: 105.425 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 859853

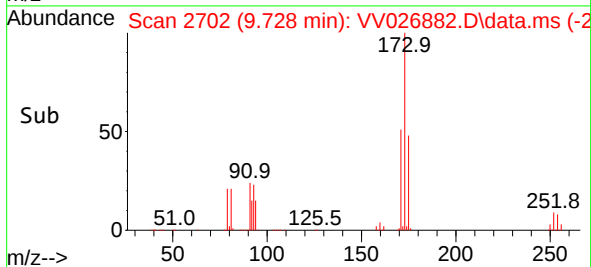
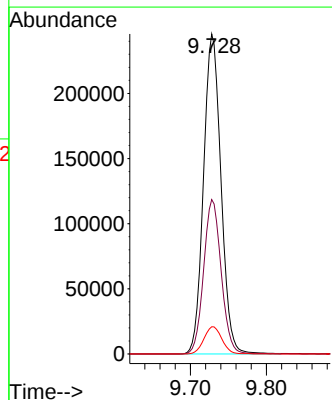
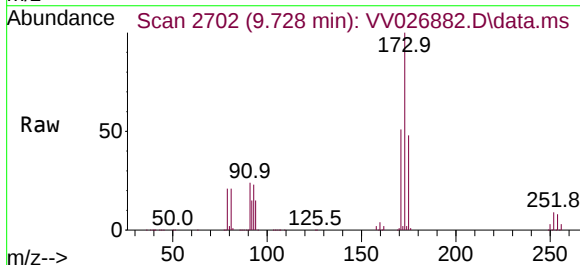
Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.3	84.1
131	10.2	7.8	11.6

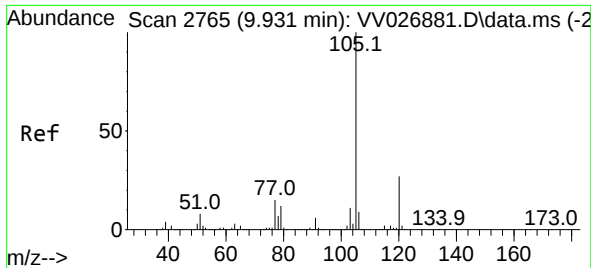


#59
 Bromoform
 Concen: 118.570 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Tgt Ion: 173 Resp: 392491

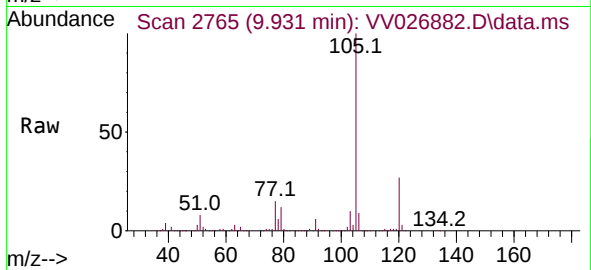
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	8.7	6.6	10.0



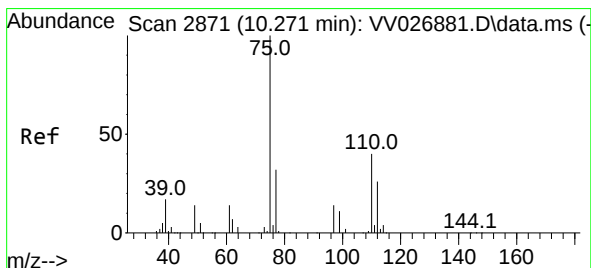
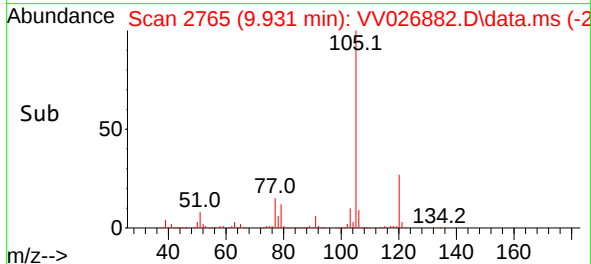
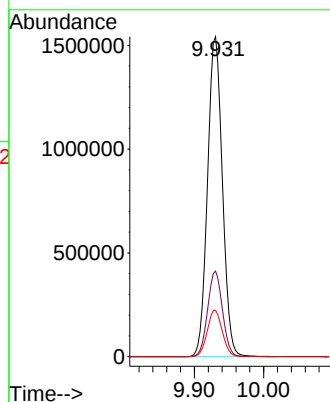


#60
Isopropylbenzene
Concen: 105.573 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Instrument :
MSVOA_V
ClientSampleId :

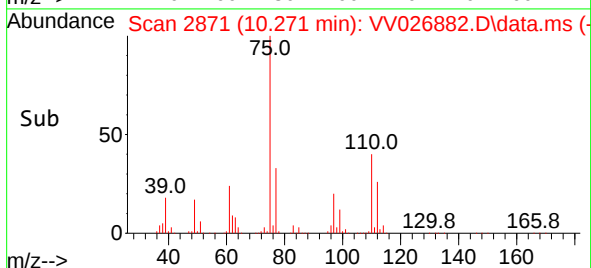
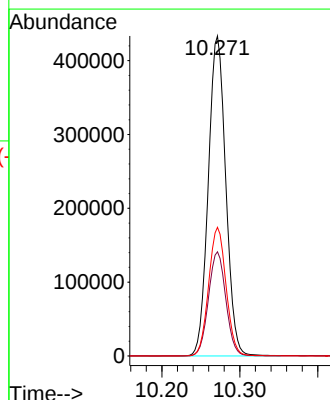
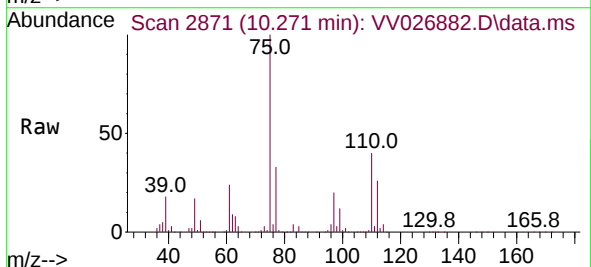


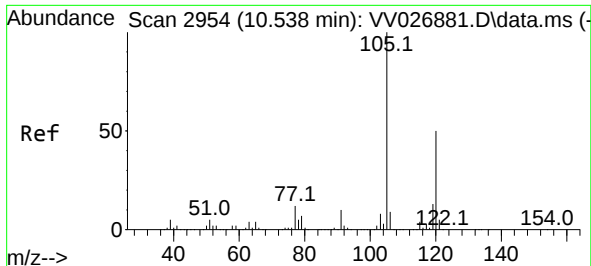
Tgt Ion:105 Resp: 2290727
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 14.7 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 102.673 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

Tgt Ion: 75 Resp: 674419
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 40.1 31.7 47.5

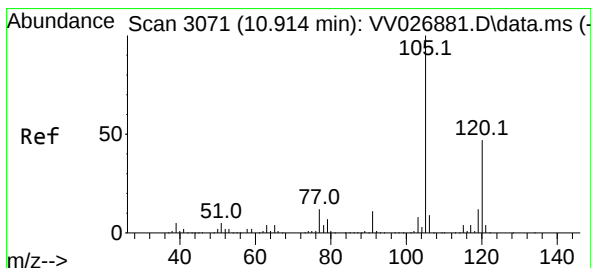
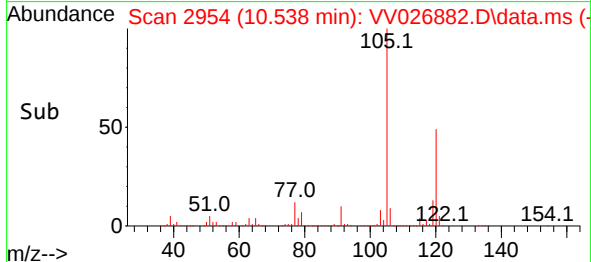
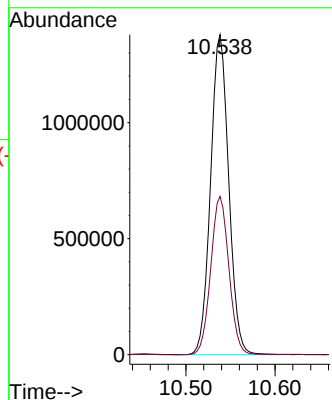
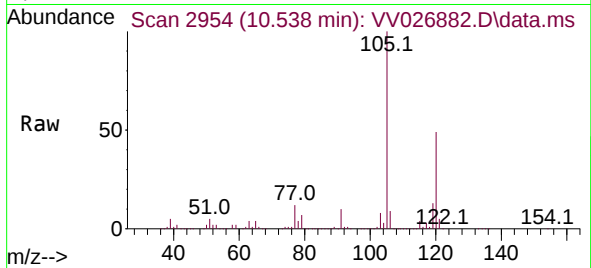




#62
 1,3,5-Trimethylbenzene
 Concen: 110.703 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

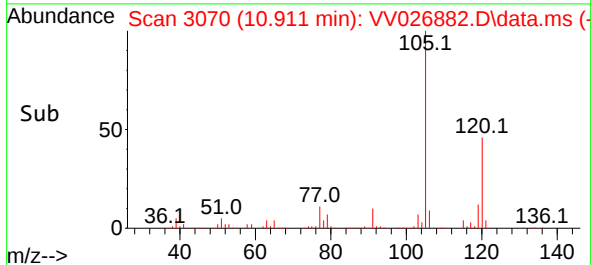
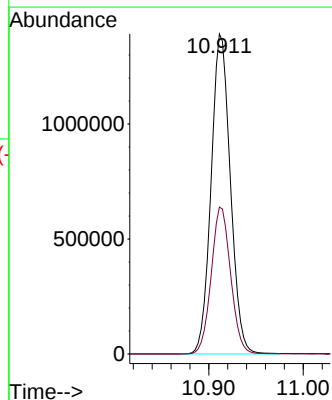
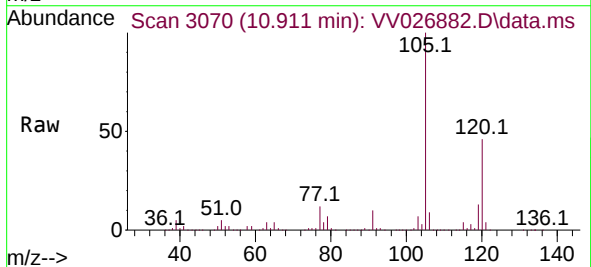
Instrument :
 MSVOA_V
 ClientSampleId :

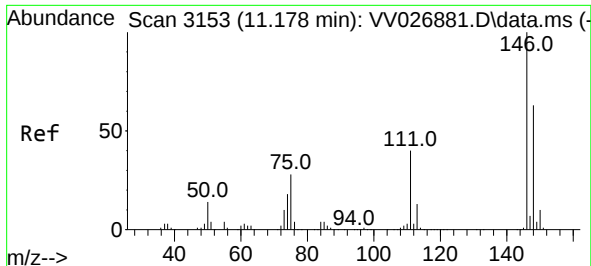
Tgt Ion:105 Resp: 1946045
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 112.026 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Tgt Ion:105 Resp: 1967187
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.1 55.7

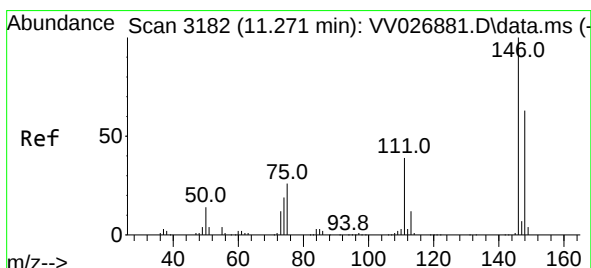
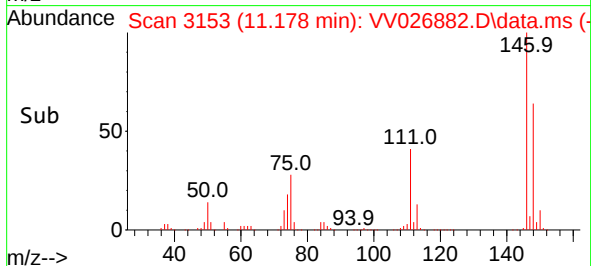
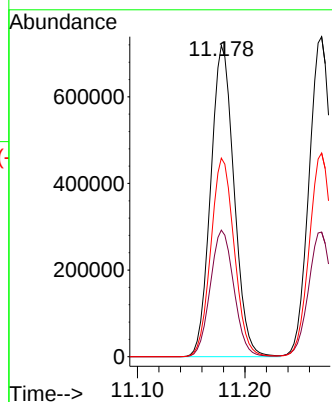
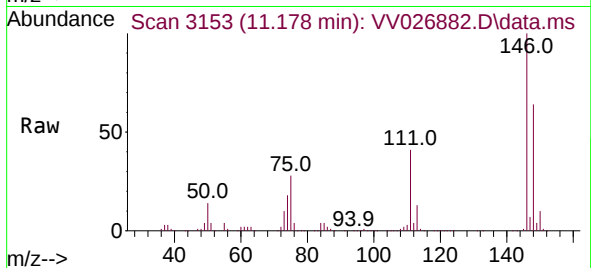




#64
 1,3-Dichlorobenzene
 Concen: 98.251 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

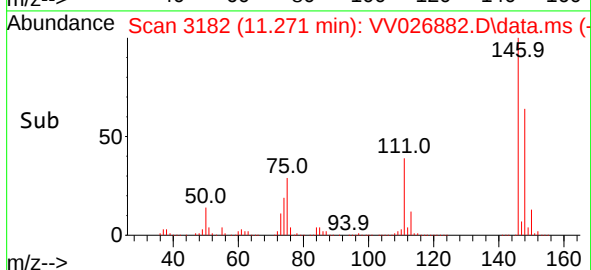
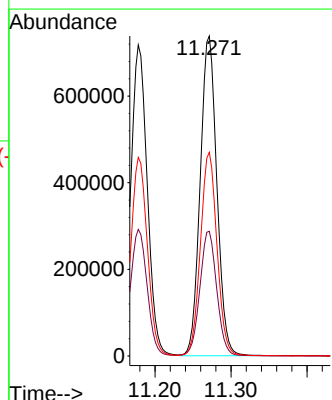
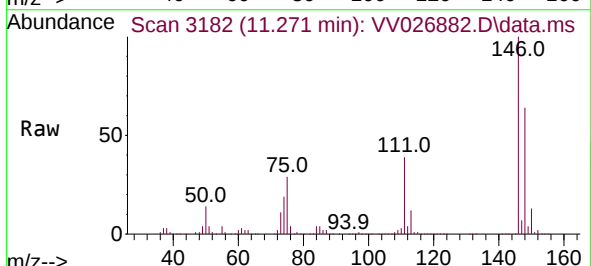
Instrument :
 MSVOA_V
 ClientSampleId :

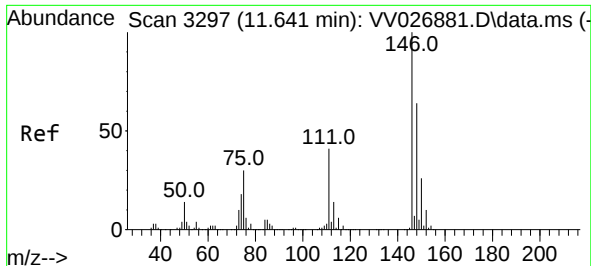
Tgt Ion:146 Resp: 1085951
 Ion Ratio Lower Upper
 146 100
 111 40.7 27.9 51.9
 148 63.8 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 97.900 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

Tgt Ion:146 Resp: 1122374
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.4 51.0
 148 63.7 44.4 82.4

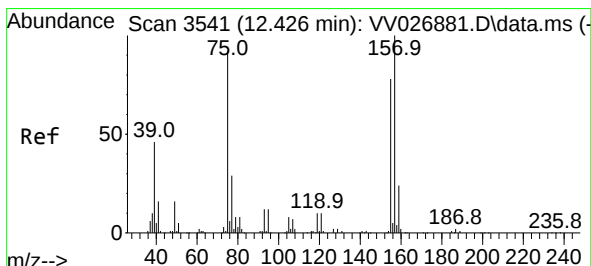
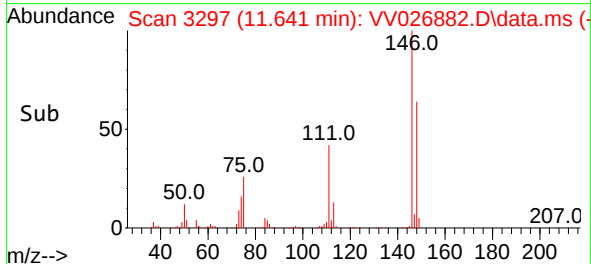
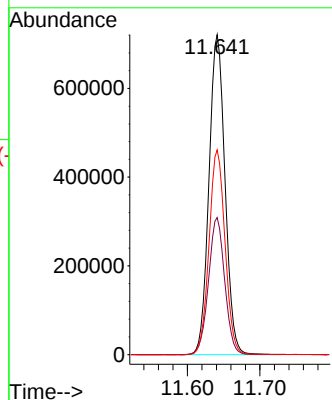
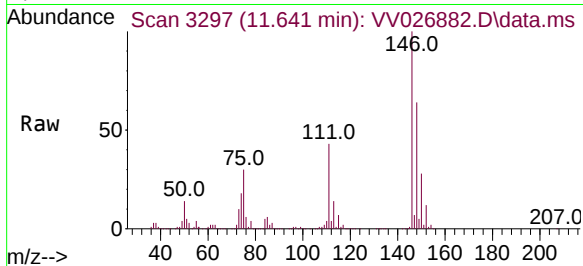




#67
1,2-Dichlorobenzene
Concen: 98.411 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

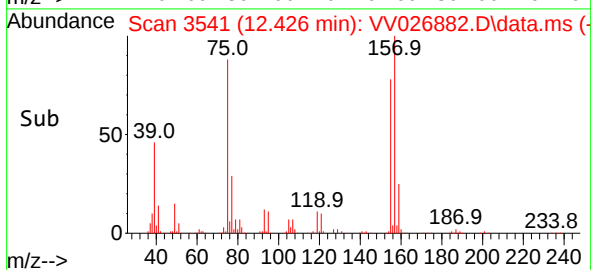
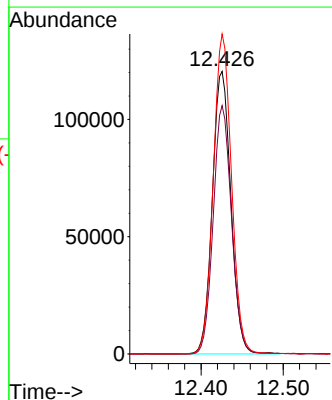
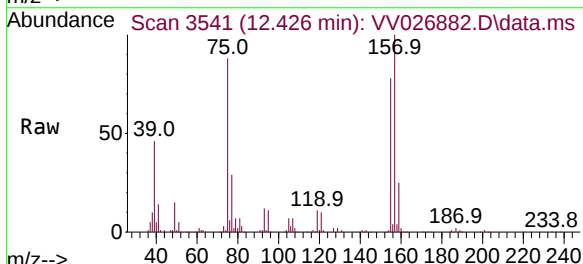
Instrument :
MSVOA_V
ClientSampleId :

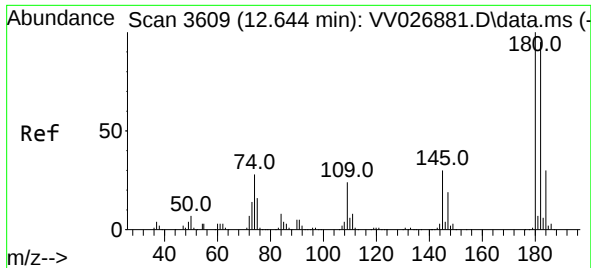
Tgt Ion:146 Resp: 1108182
Ion Ratio Lower Upper
146 100
111 42.8 33.2 49.8
148 64.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 124.385 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026882.D
Acq: 22 Jul 2022 11:39

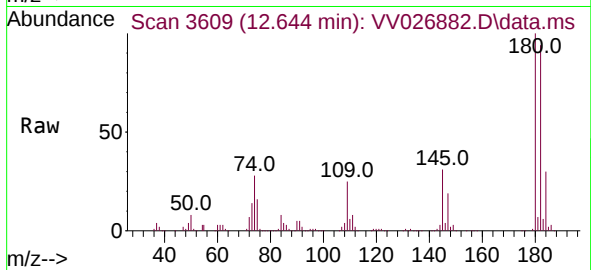
Tgt Ion: 75 Resp: 189517
Ion Ratio Lower Upper
75 100
155 87.9 67.7 101.5
157 113.2 87.1 130.7



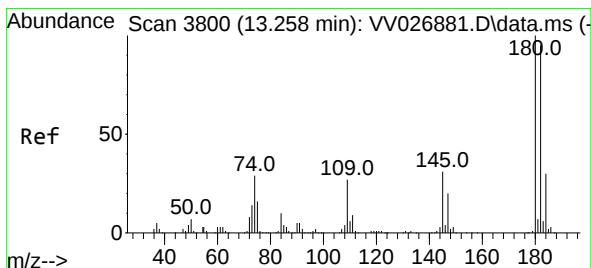
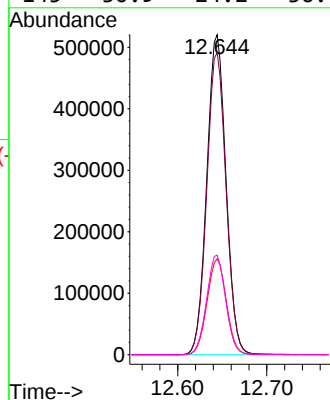
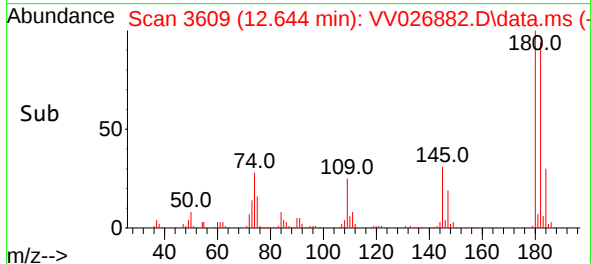


#69
 1,3,5-Trichlorobenzene
 Concen: 102.703 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39

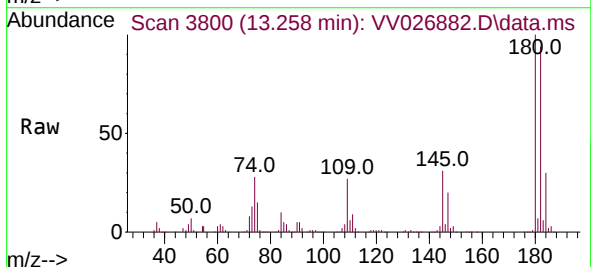
Instrument :
 MSVOA_V
 ClientSampleId :



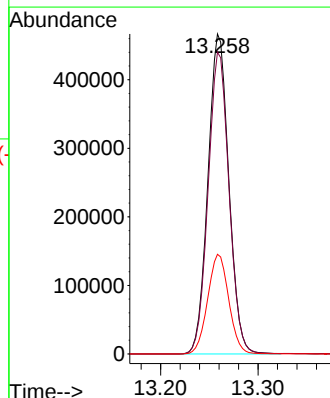
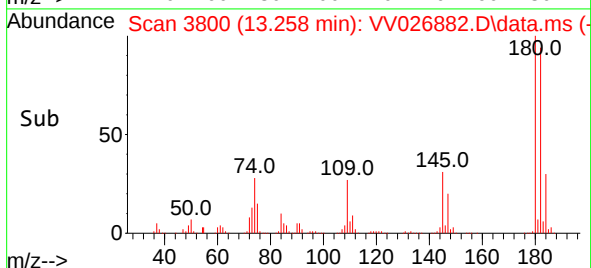
Tgt Ion:180 Resp: 780263
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 184 30.1 23.8 35.8
 145 30.9 24.2 36.4

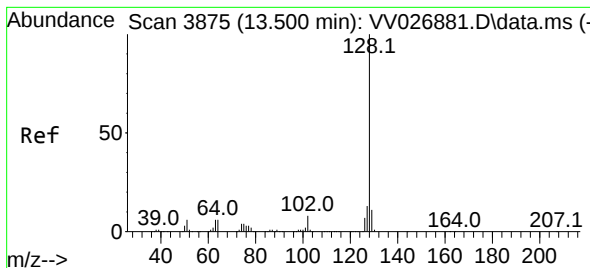


#70
 1,2,4-trichlorobenzene
 Concen: 108.876 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026882.D
 Acq: 22 Jul 2022 11:39



Tgt Ion:180 Resp: 694060
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.2 114.4
 145 31.5 25.0 37.6





#71

Naphthalene

Concen: 131.471 ug/L

RT: 13.499 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Instrument :

MSVOA_V

ClientSampleId :

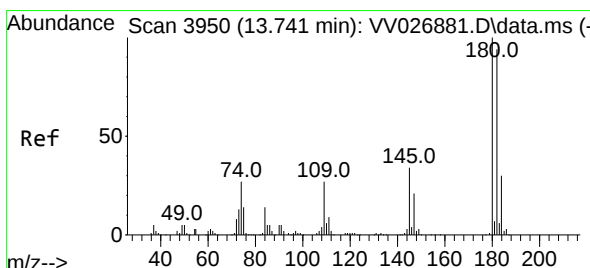
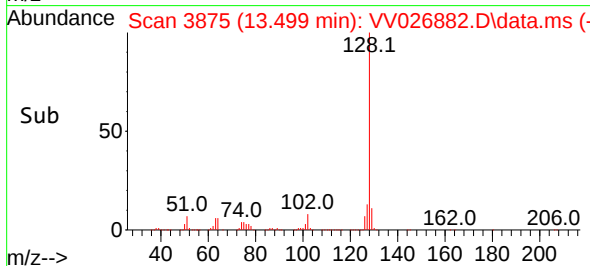
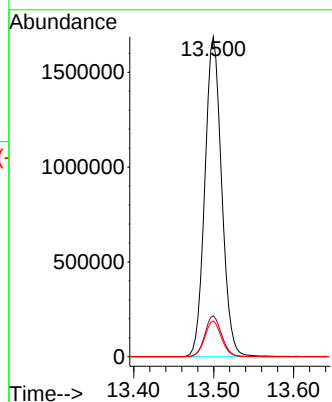
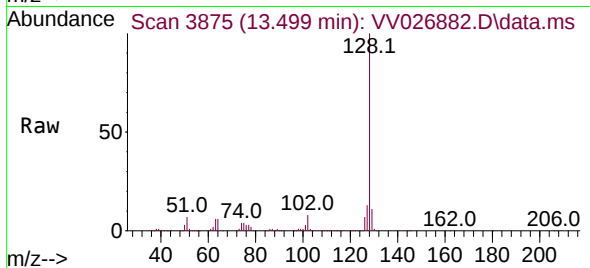
Tgt Ion:128 Resp: 2470179

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 111.658 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026882.D

Acq: 22 Jul 2022 11:39

Tgt Ion:180 Resp: 735138

Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.2

145 33.4 26.6 40.0

