

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028681.D
 Acq On : 25 Oct 2022 11:23
 Operator : SY/MD
 Sample : VSTD00572
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	230589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	85790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79456	3.760	ug/L	0.00
7) Chloroethane-d5	1.577	69	67240	3.973	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.118	63	152524	4.084	ug/L	0.00
20) 2-Butanone-d5	3.973	46	228210	52.975	ug/L	0.00
24) Chloroform-d	4.355	84	150534	4.598	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	85356	4.743	ug/L	0.00
32) Benzene-d6	5.047	84	285429	4.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	84218	3.920	ug/L	0.00
41) Toluene-d8	7.320	98	194137	3.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	22820	4.043	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	109047	46.190	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51722	4.742	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	61116	4.153	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	42848	4.008	ug/L	100
3) Chloromethane	1.233	50	79343	3.745	ug/L	98
5) Vinyl chloride	1.307	62	81014	3.973	ug/L	97
6) Bromomethane	1.529	94	35900	3.610	ug/L	100
8) Chloroethane	1.597	64	51798	3.774	ug/L	98
9) Trichlorofluoromethane	1.764	101	105861	4.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59071	3.959	ug/L	94
12) 1,1-Dichloroethene	2.127	96	53988	3.821	ug/L	89
13) Acetone	2.249	43	116257	43.002	ug/L	95
14) Carbon disulfide	2.298	76	135923	4.001	ug/L	100
15) Methyl Acetate	2.465	43	35852	4.451	ug/L	100
16) Methylene chloride	2.513	84	69040	3.377	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	168299	4.299	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	58249	3.791	ug/L	95
19) 1,1-Dichloroethane	3.191	63	152280	4.196	ug/L	98
21) 2-Butanone	4.053	43	227779	47.560	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	72515	4.066	ug/L #	88
23) Bromochloromethane	4.253	128	26155	3.991	ug/L	92
25) Chloroform	4.381	83	145108	4.208	ug/L	97
27) 1,2-Dichloroethane	5.137	62	98355	4.496	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	116695	4.095	ug/L	98
30) Cyclohexane	4.664	56	120952	3.969	ug/L	96
31) Carbon tetrachloride	4.818	117	94780	4.470	ug/L	99
33) Benzene	5.095	78	287168	3.776	ug/L	100
34) Trichloroethene	5.908	95	70219	4.036	ug/L	96
35) Methylcyclohexane	6.117	83	83377	3.231	ug/L	97
37) 1,2-Dichloropropane	6.178	63	65163	3.318	ug/L	99
38) Bromodichloromethane	6.516	83	71939	3.699	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	75900	3.614	ug/L	95
40) 4-Methyl-2-pentanone	7.262	43	373932	37.569	ug/L	99
42) Toluene	7.391	91	232292	3.657	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	58706	3.809	ug/L	98

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

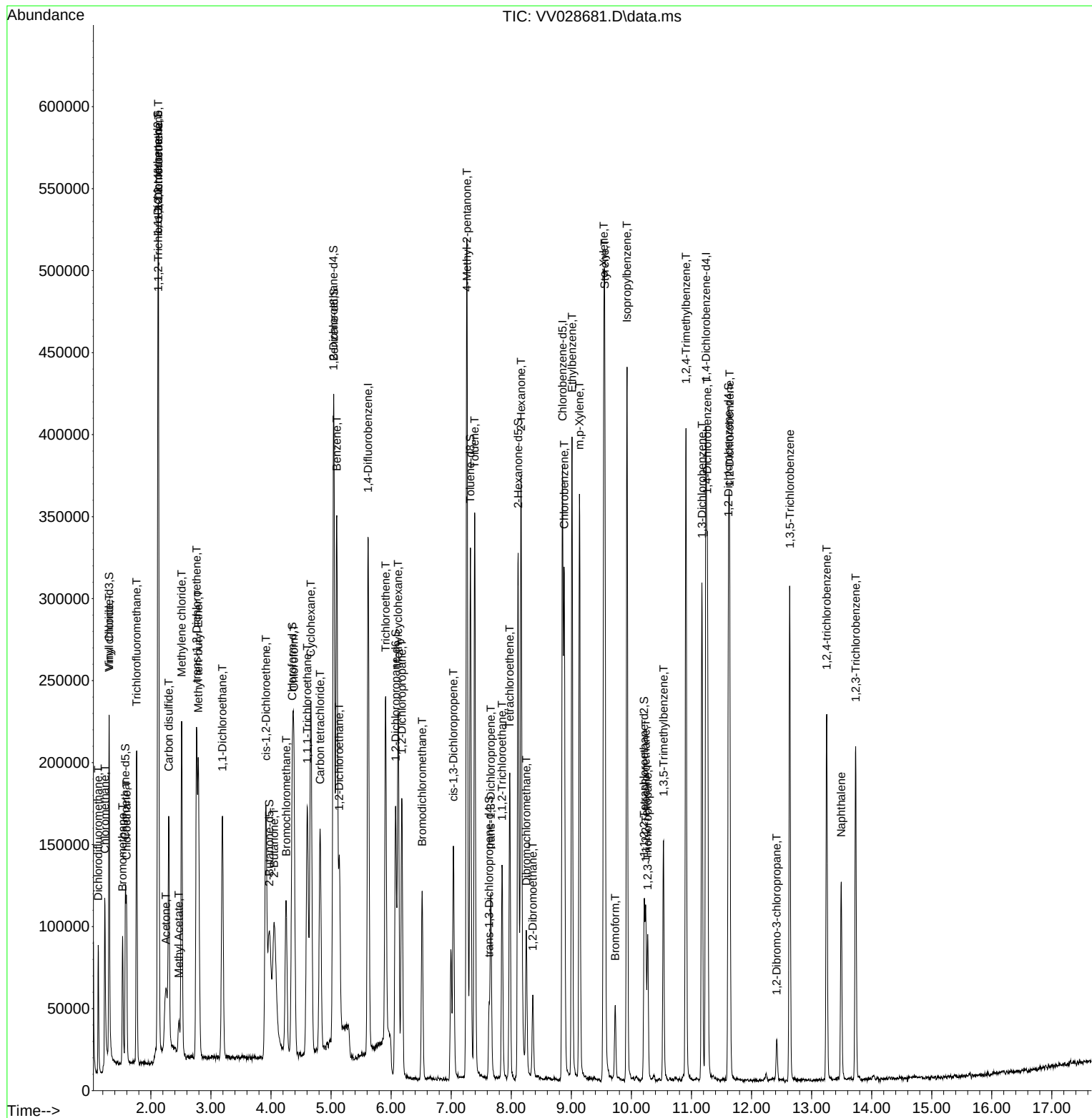
45) 1,1,2-Trichloroethane	7.847	97	37801	3.842	ug/L	97
47) Tetrachloroethene	7.976	164	36422	3.810	ug/L	96
48) 2-Hexanone	8.162	43	261981	41.182	ug/L	97
49) Dibromochloromethane	8.249	129	38727	4.214	ug/L	97
50) 1,2-Dibromoethane	8.358	107	32498	3.881	ug/L	99
51) Chlorobenzene	8.883	112	145428	3.904	ug/L	99
52) Ethylbenzene	9.011	91	258954	3.920	ug/L	98
53) m,p-Xylene	9.137	106	91323	3.825	ug/L	96
54) o-Xylene	9.542	106	93315	3.902	ug/L	94
55) Styrene	9.558	104	161692	3.977	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48604	4.198	ug/L	95
59) Bromoform	9.731	173	18042	4.334	ug/L	97
60) Isopropylbenzene	9.928	105	254644	3.726	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33421	3.749	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	72778	3.695	ug/L	97
63) 1,2,4-Trimethylbenzene	10.908	105	204208	3.863	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	111078	4.086	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	105845	3.874	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	98166	3.900	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6339	3.968	ug/L	96
69) 1,3,5-Trichlorobenzene	12.638	180	79371	4.089	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	59953	3.931	ug/L	99
71) Naphthalene	13.493	128	88329	3.403	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	53938	4.041	ug/L	100

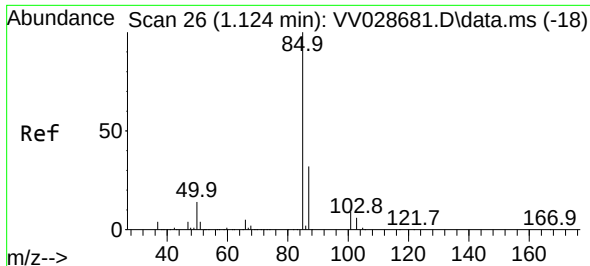
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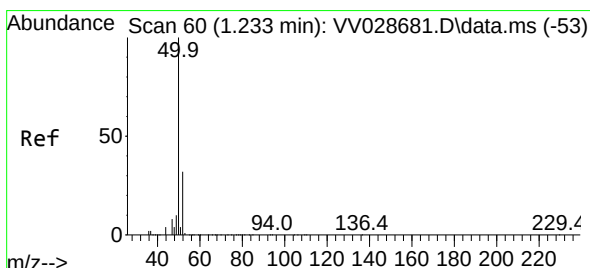
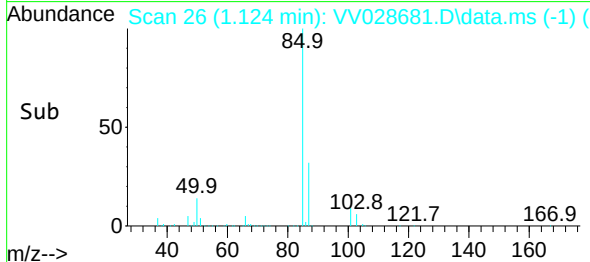
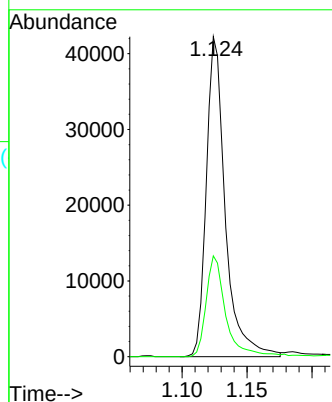
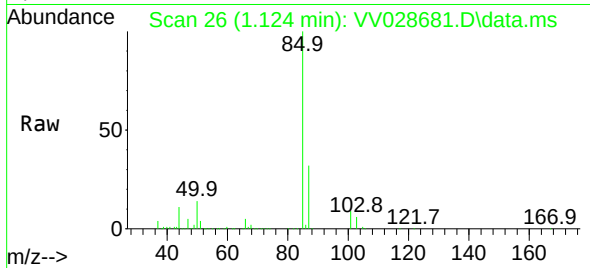




#2
 Dichlorodifluoromethane
 Concen: 4.008 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

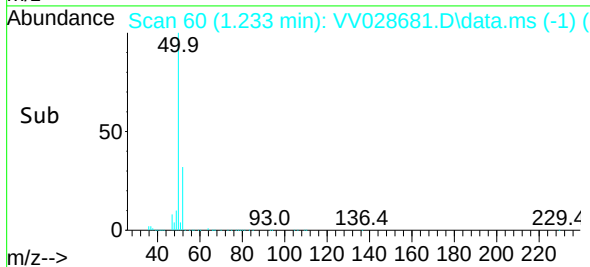
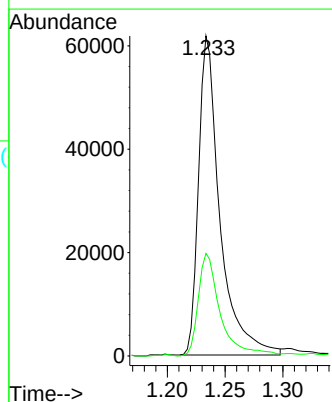
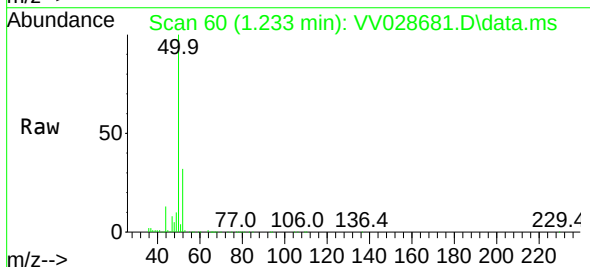
Instrument :
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 ClientSampleId :

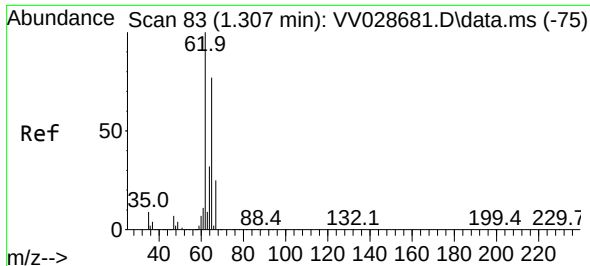
Tgt Ion: 85 Resp: 42848
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.6 40.0



#3
 Chloromethane
 Concen: 3.745 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

Tgt Ion: 50 Resp: 79343
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.8 40.6

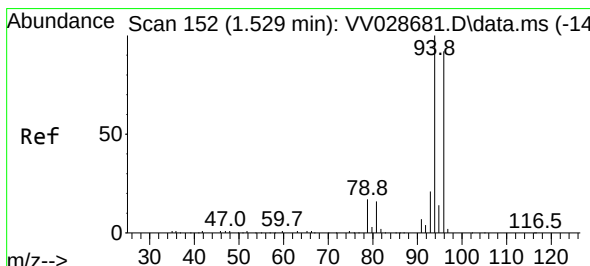
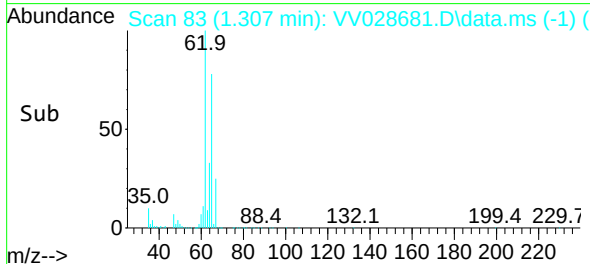
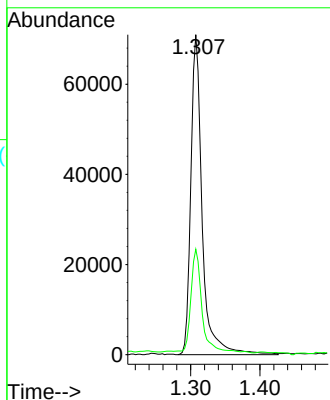
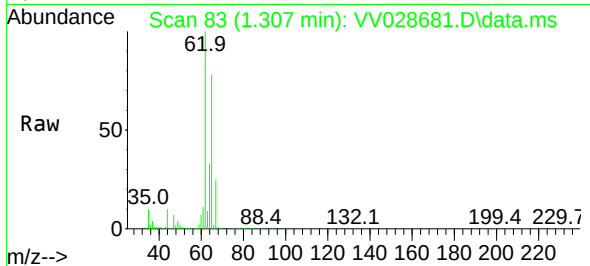




#5
 Vinyl chloride
 Concen: 3.973 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

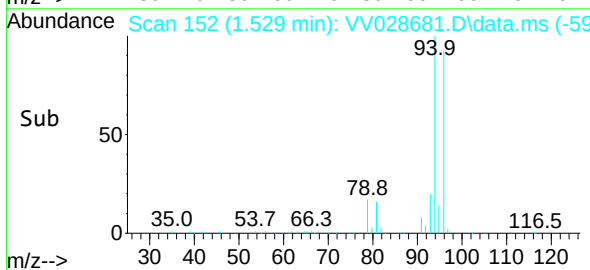
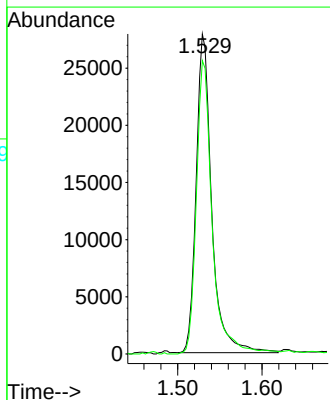
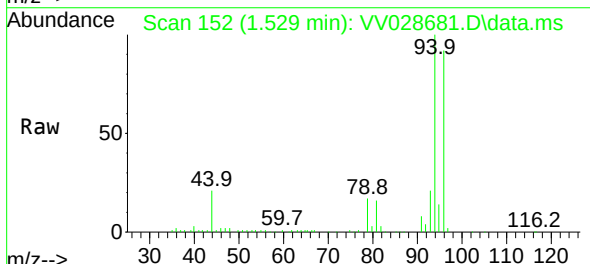
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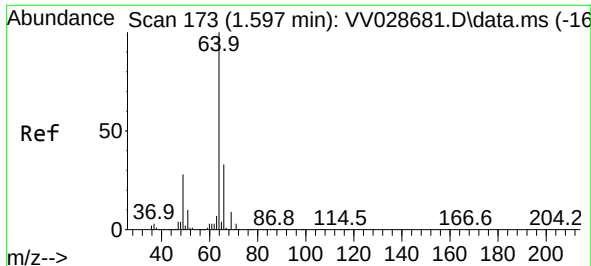
Tgt Ion: 62 Resp: 81014
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 41.0



#6
 Bromomethane
 Concen: 3.610 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

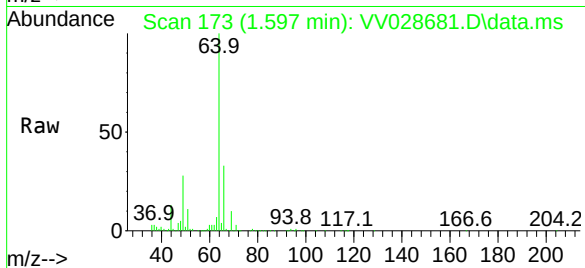
Tgt Ion: 94 Resp: 35900
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.3 119.3



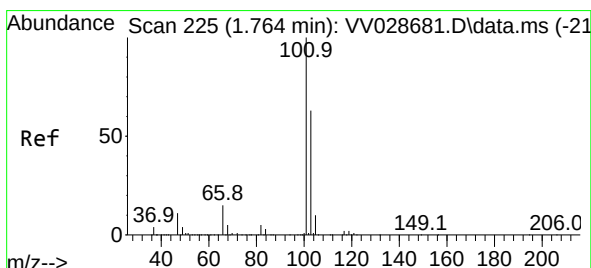
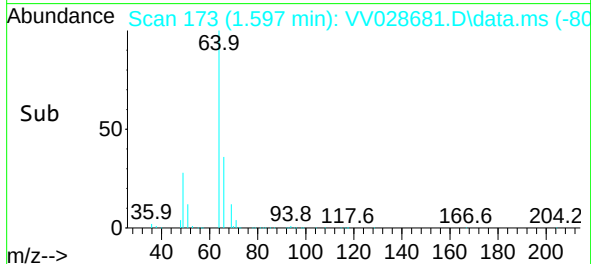
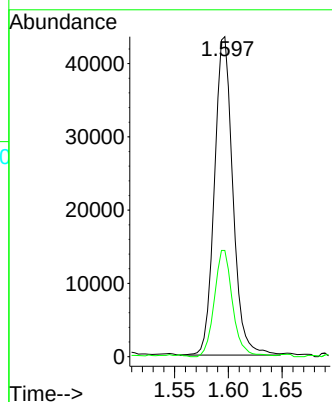


#8
Chloroethane
Concen: 3.774 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :

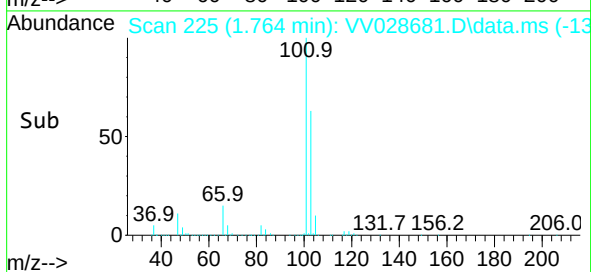
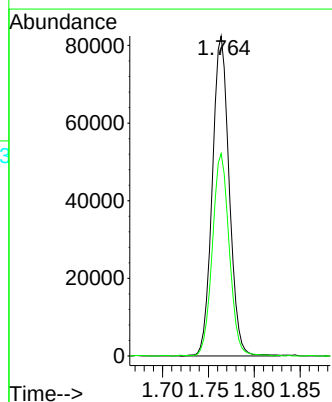
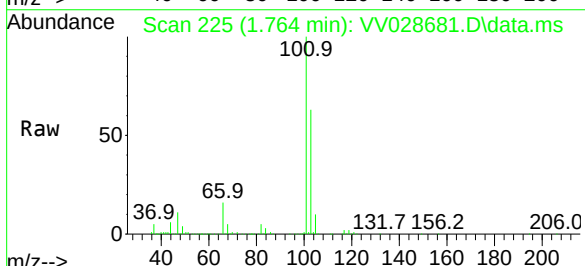


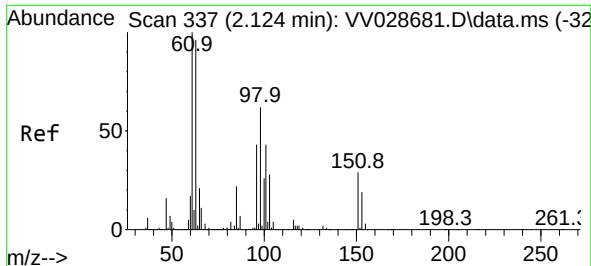
Tgt Ion: 64 Resp: 51798
Ion Ratio Lower Upper
64 100
66 33.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.178 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 101 Resp: 105861
Ion Ratio Lower Upper
101 100
103 63.0 51.0 76.6

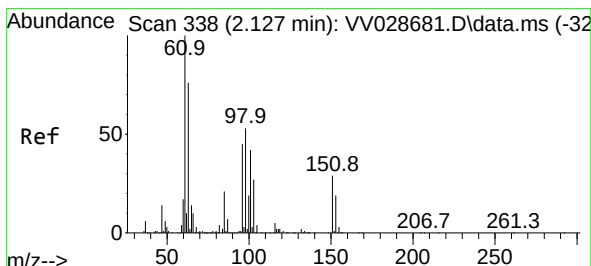
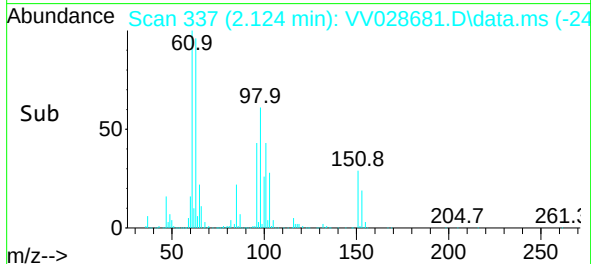
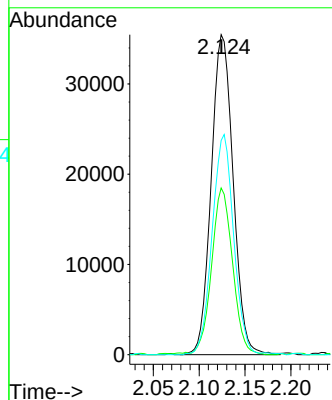
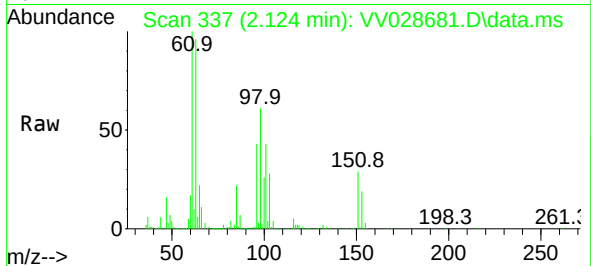




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.959 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

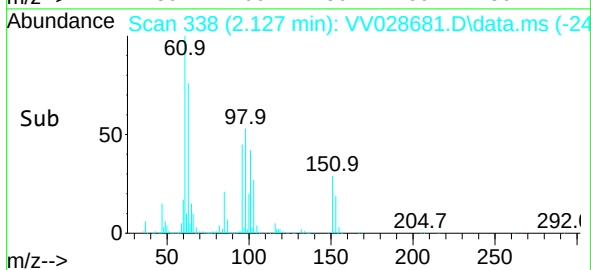
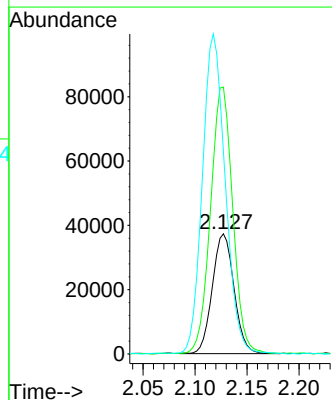
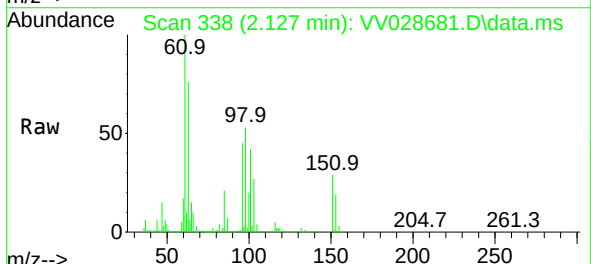
Instrument :
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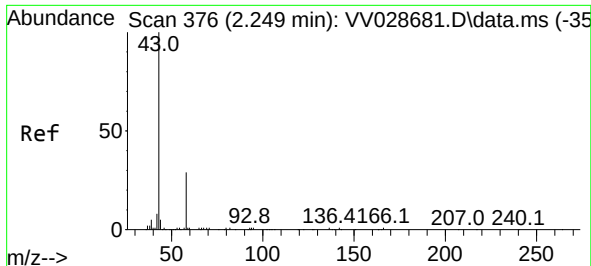
Tgt Ion:101 Resp: 59071
 Ion Ratio Lower Upper
 101 100
 85 50.1 37.0 55.6
 151 67.8 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 3.821 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

Tgt Ion: 96 Resp: 53988
 Ion Ratio Lower Upper
 96 100
 61 222.1 148.1 275.1
 63 168.8 133.3 247.7





#13

Acetone

Concen: 43.002 ug/L

RT: 2.249 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

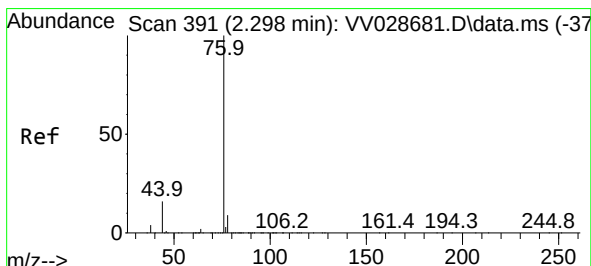
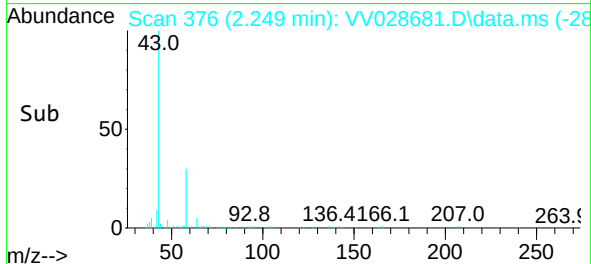
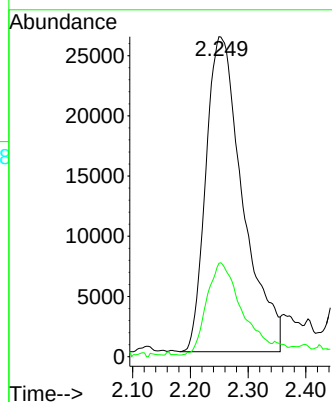
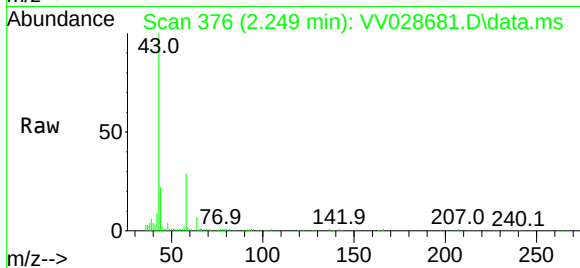
ClientSampleId :

Tgt Ion: 43 Resp: 116257

Ion Ratio Lower Upper

43 100

58 27.8 0.0 50.2



#14

Carbon disulfide

Concen: 4.001 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV028681.D

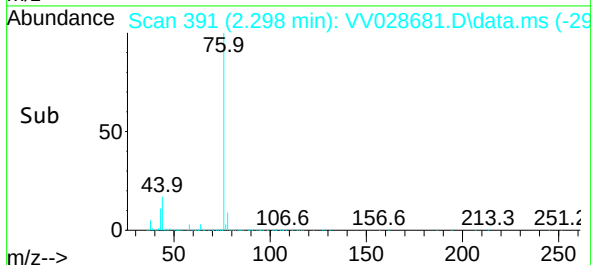
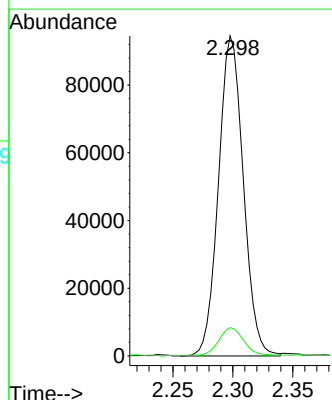
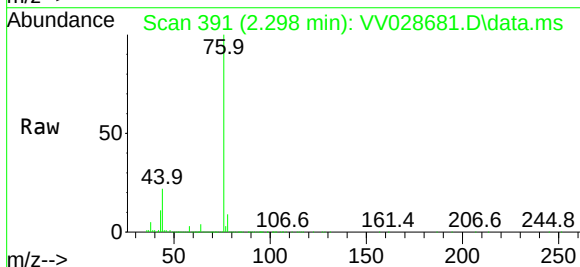
Acq: 25 Oct 2022 11:23

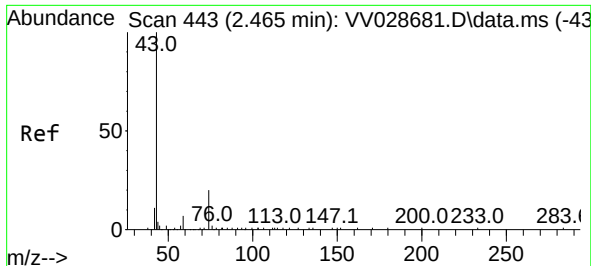
Tgt Ion: 76 Resp: 135923

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

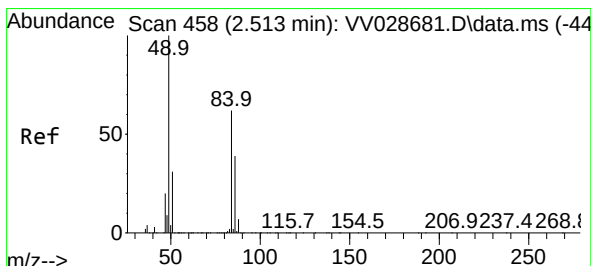
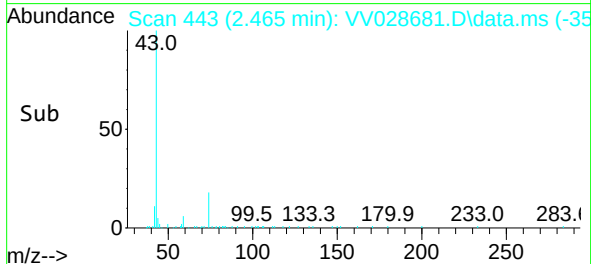
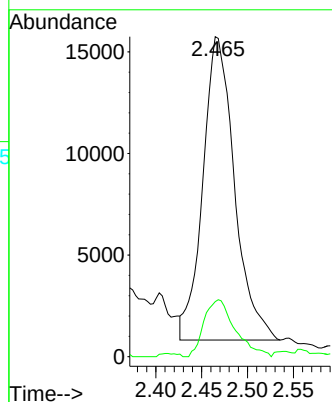
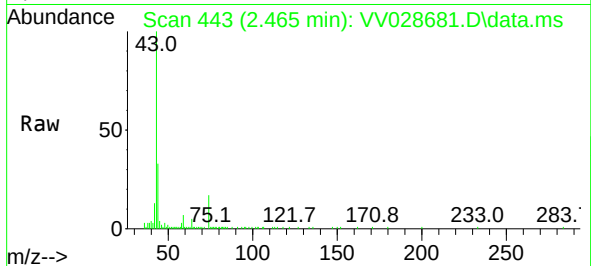




#15
Methyl Acetate
Concen: 4.451 ug/L
RT: 2.465 min Scan# 443
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

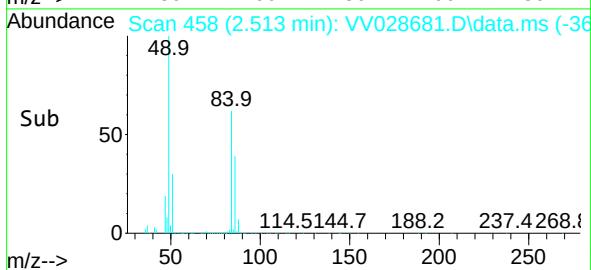
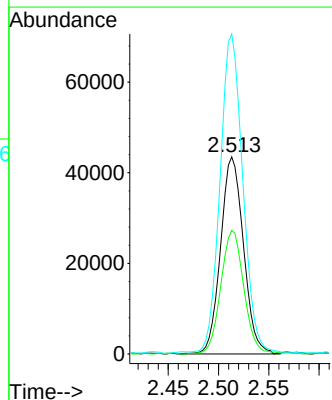
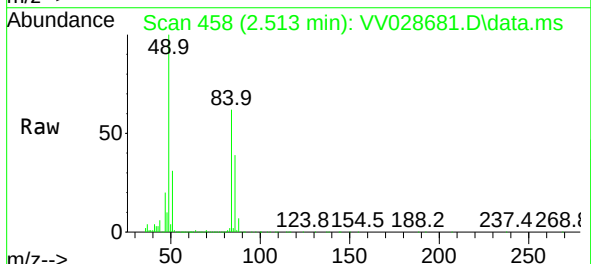
Instrument :
MSVOA_V
ClientSampleId :

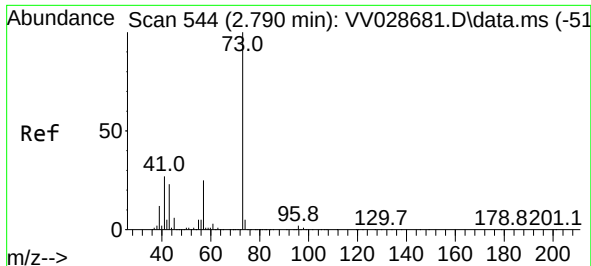
Tgt Ion: 43 Resp: 35852
Ion Ratio Lower Upper
43 100
74 18.5 14.9 22.3



#16
Methylene chloride
Concen: 3.377 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

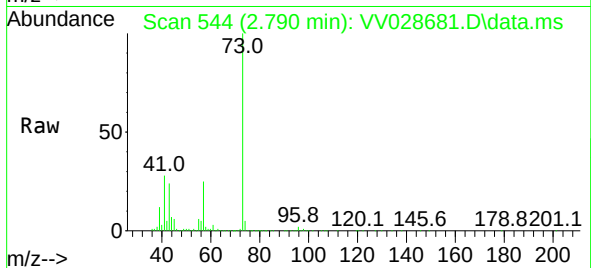
Tgt Ion: 84 Resp: 69040
Ion Ratio Lower Upper
84 100
86 62.7 44.4 82.4
49 162.3 110.8 205.8



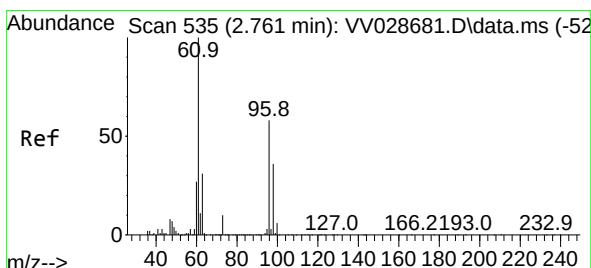
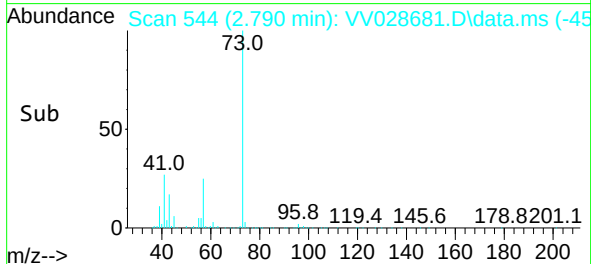
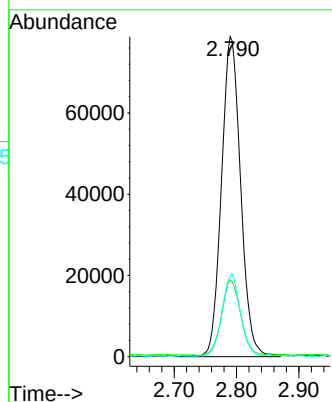


#17
Methyl tert-butyl Ether
Concen: 4.299 ug/L
RT: 2.790 min Scan# 544
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :

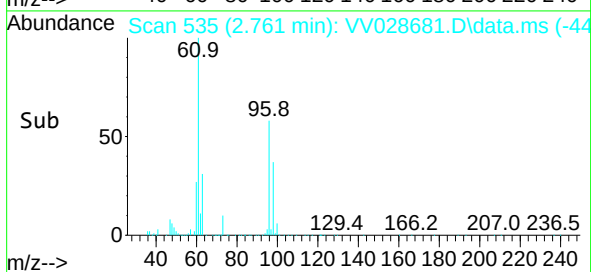
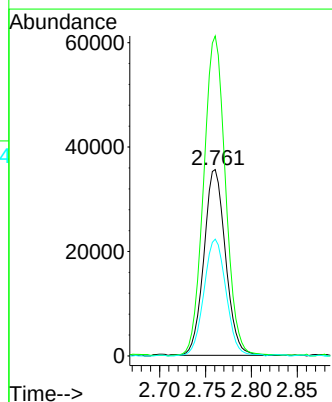
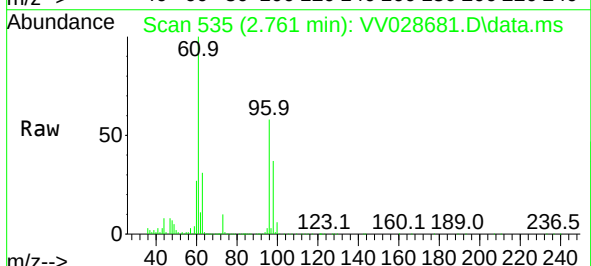


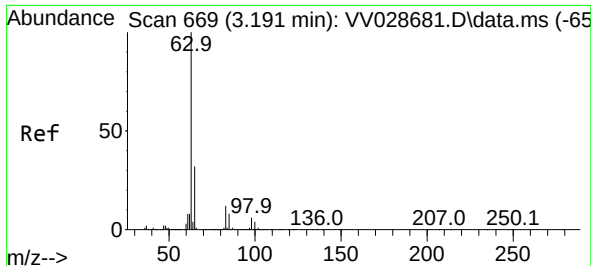
Tgt Ion: 73 Resp: 168299
Ion Ratio Lower Upper
73 100
43 23.4 18.0 27.0
57 24.6 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 3.791 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 96 Resp: 58249
Ion Ratio Lower Upper
96 100
61 171.6 114.3 212.3
98 62.6 45.0 83.6

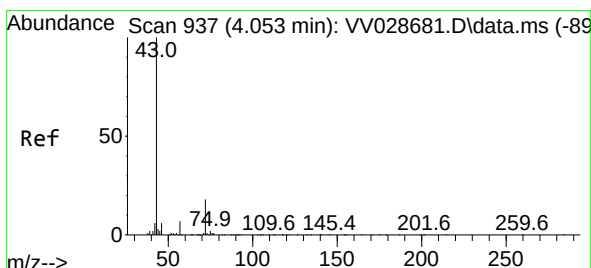
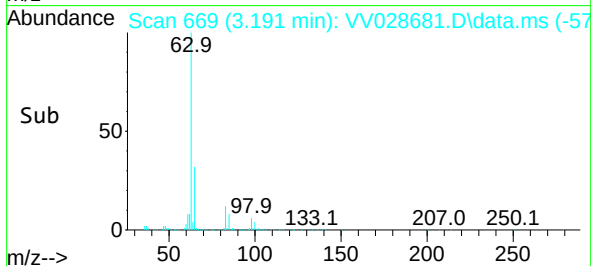
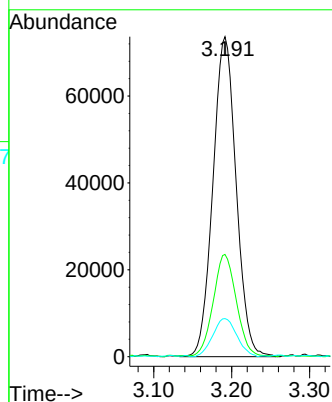
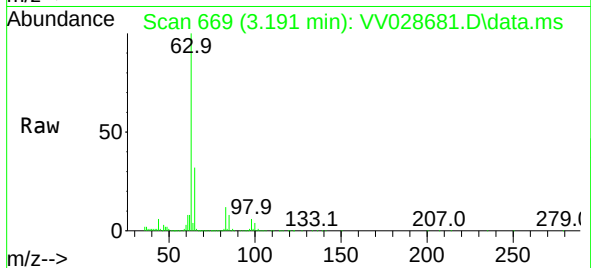




#19
1,1-Dichloroethane
Concen: 4.196 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

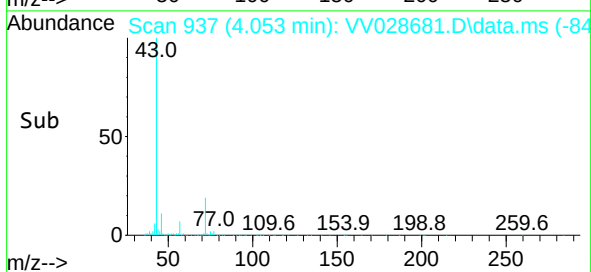
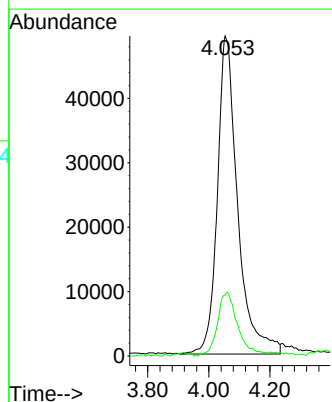
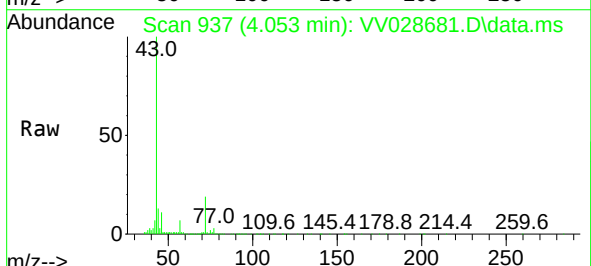
Instrument :
MSVOA_V
ClientSampleId :

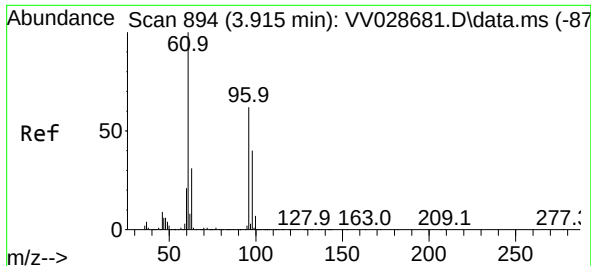
Tgt Ion: 63 Resp: 152280
Ion Ratio Lower Upper
63 100
65 32.0 23.1 42.9
83 11.9 7.9 14.7



#21
2-Butanone
Concen: 47.560 ug/L
RT: 4.053 min Scan# 937
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

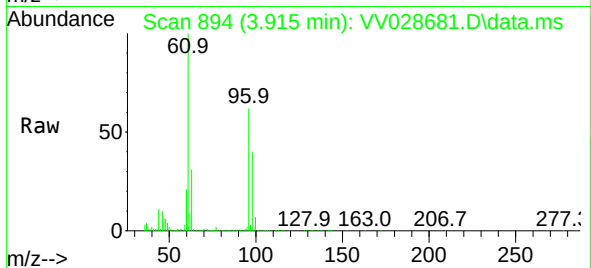
Tgt Ion: 43 Resp: 227779
Ion Ratio Lower Upper
43 100
72 19.0 10.2 30.4



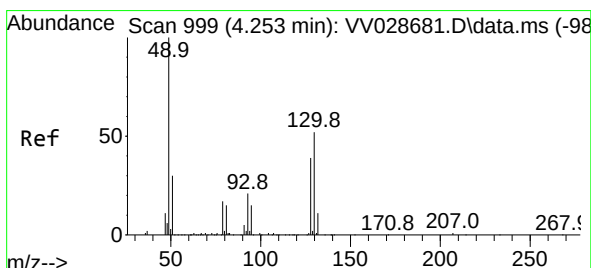
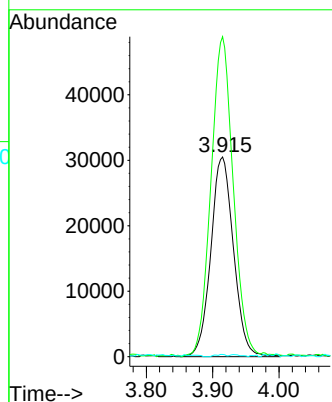
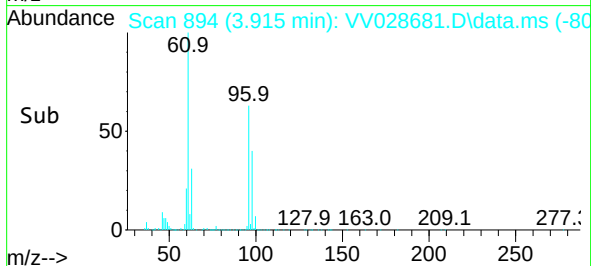


#22
 cis-1,2-Dichloroethene
 Concen: 4.066 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

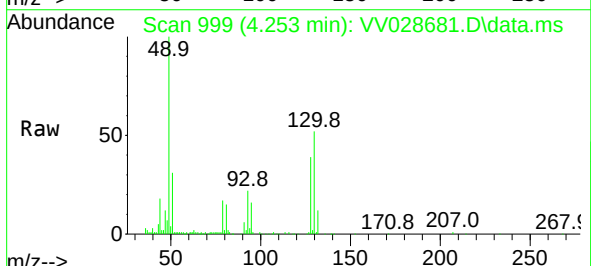
Instrument :
 MSVOA_V
 ClientSampleId :



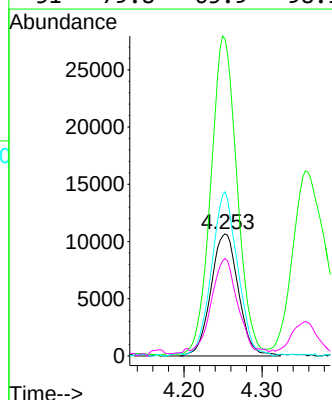
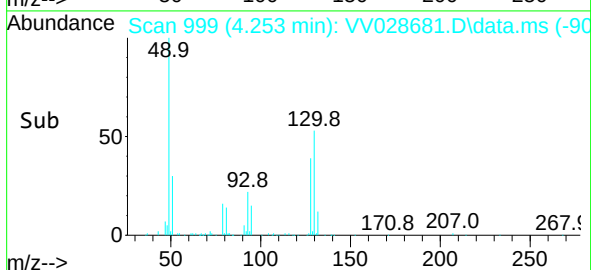
Tgt Ion: 96 Resp: 72515
 Ion Ratio Lower Upper
 96 100
 61 160.3 101.4 188.2
 68 1.1 0.5 0.9#

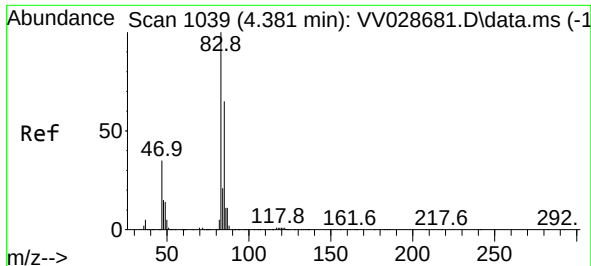


#23
 Bromochloromethane
 Concen: 3.991 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23



Tgt Ion: 128 Resp: 26155
 Ion Ratio Lower Upper
 128 100
 49 259.6 171.1 317.7
 130 134.3 86.4 160.4
 51 79.8 65.9 98.9





#25

Chloroform

Concen: 4.208 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

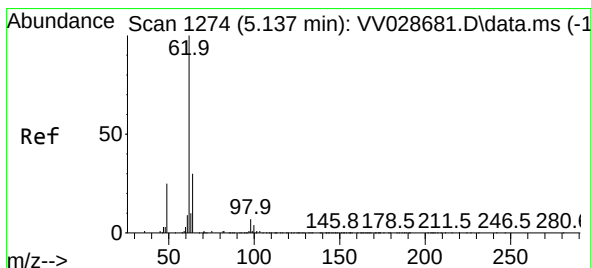
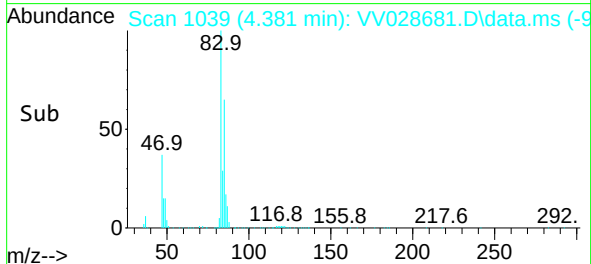
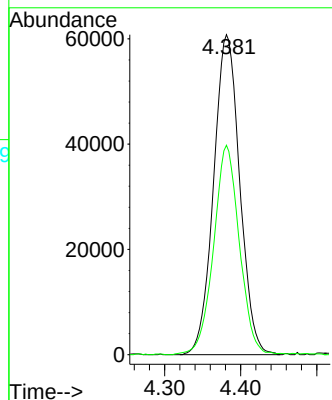
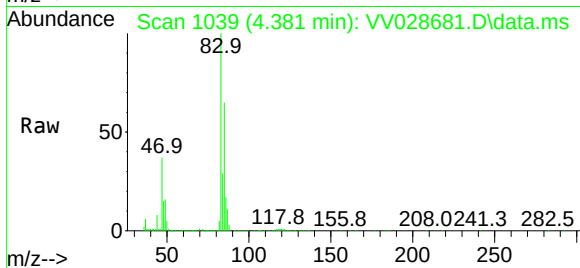
ClientSampleId :

Tgt Ion: 83 Resp: 145108

Ion Ratio Lower Upper

83 100

85 65.4 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.496 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VV028681.D

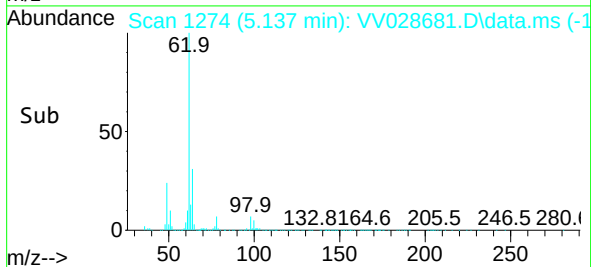
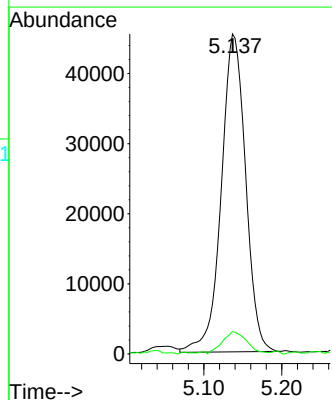
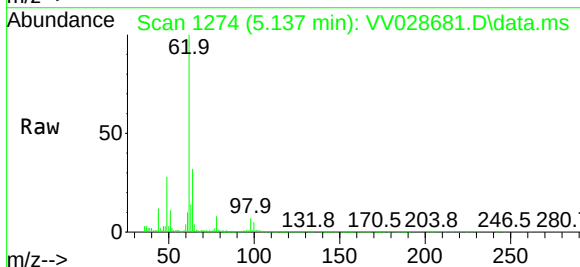
Acq: 25 Oct 2022 11:23

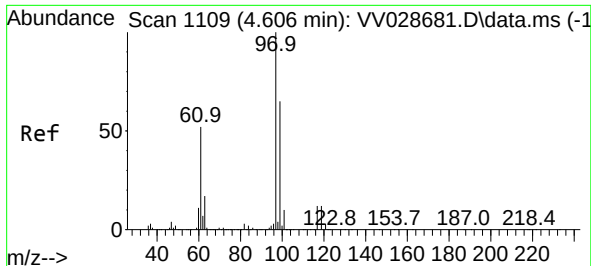
Tgt Ion: 62 Resp: 98355

Ion Ratio Lower Upper

62 100

98 6.9 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.095 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

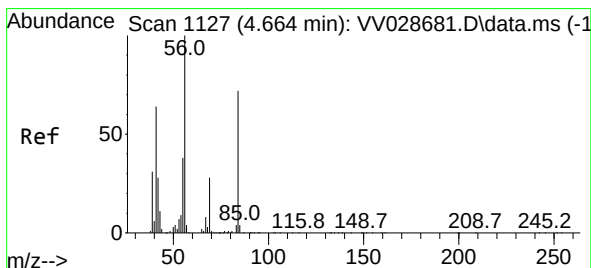
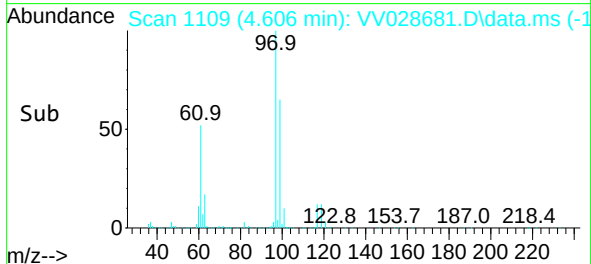
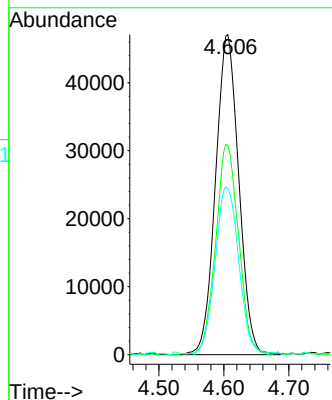
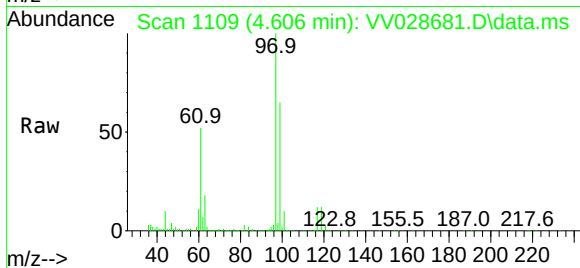
Tgt Ion: 97 Resp: 116695

Ion Ratio Lower Upper

97 100

99 64.8 50.5 75.7

61 52.7 43.1 64.7



#30

Cyclohexane

Concen: 3.969 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

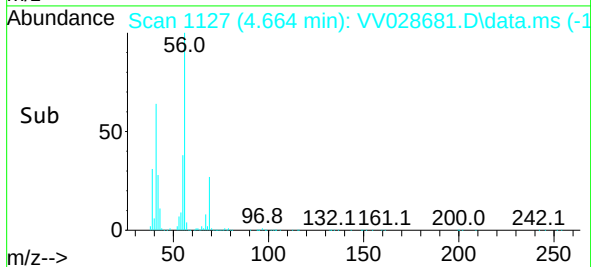
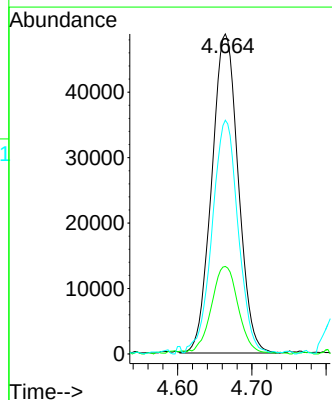
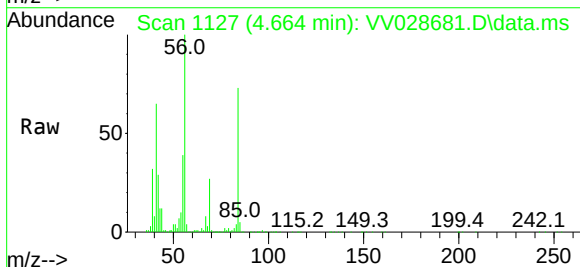
Tgt Ion: 56 Resp: 120952

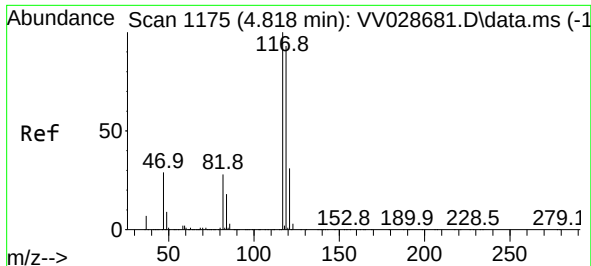
Ion Ratio Lower Upper

56 100

69 27.1 22.6 34.0

84 71.2 60.4 90.6

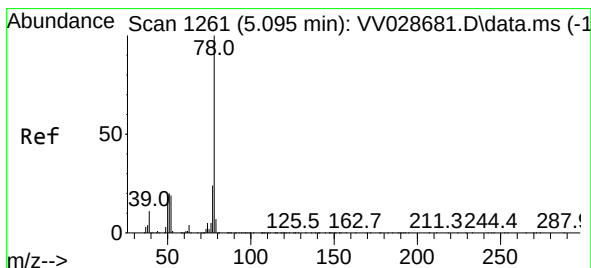
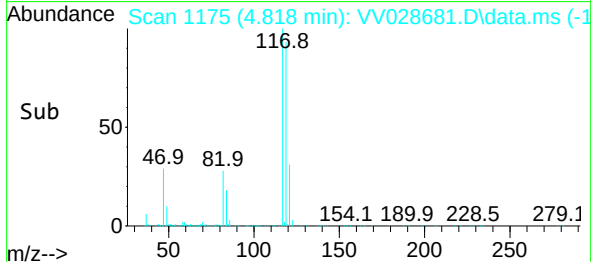
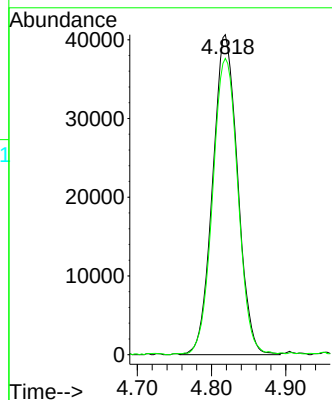
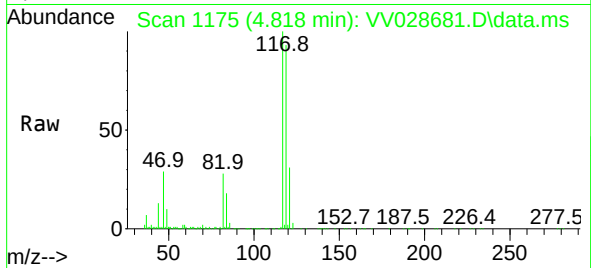




#31
Carbon tetrachloride
Concen: 4.470 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

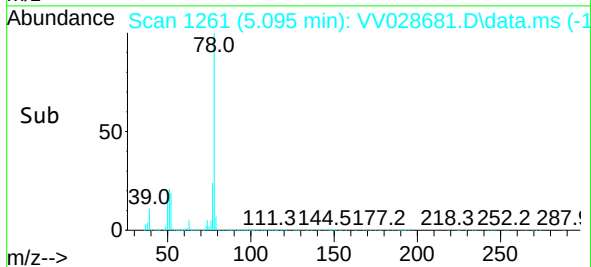
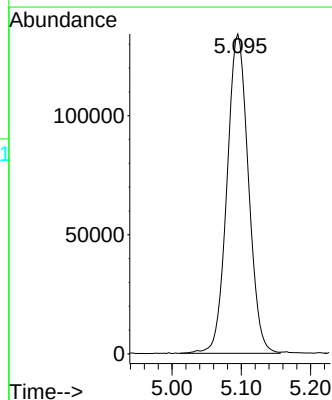
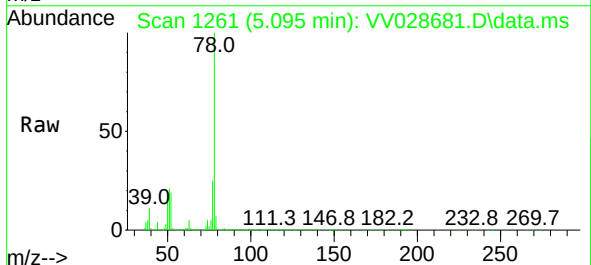
Instrument :
MSVOA_V
ClientSampleId :

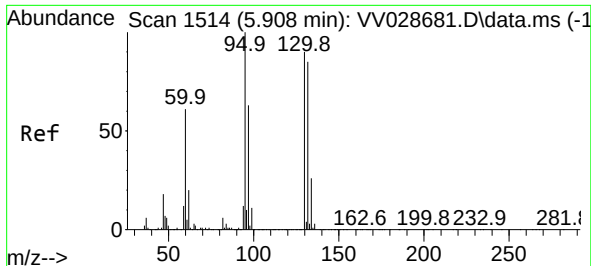
Tgt Ion:117 Resp: 94780
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1



#33
Benzene
Concen: 3.776 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

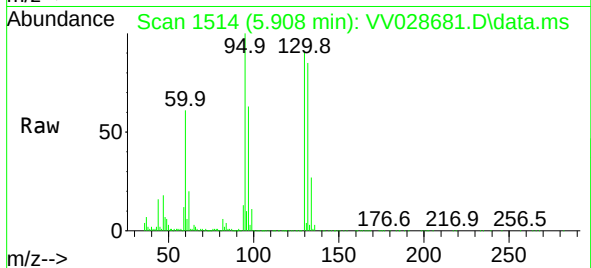
Tgt Ion: 78 Resp: 287168



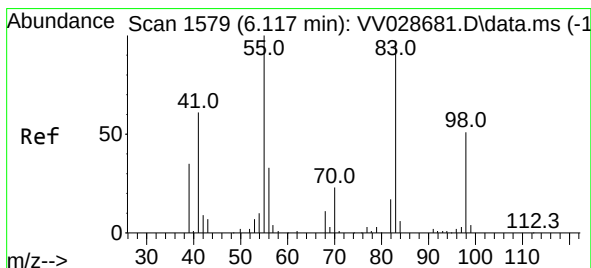
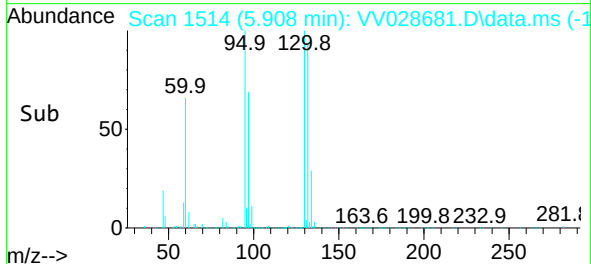
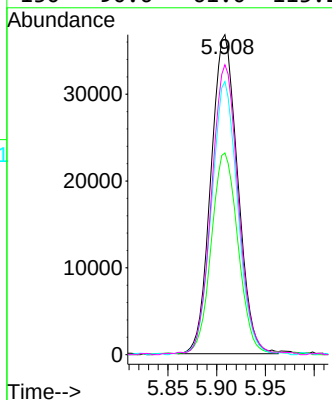


#34
Trichloroethene
Concen: 4.036 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :

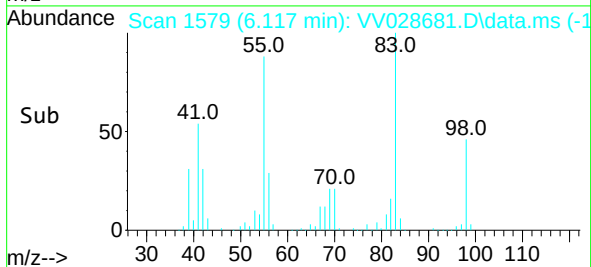
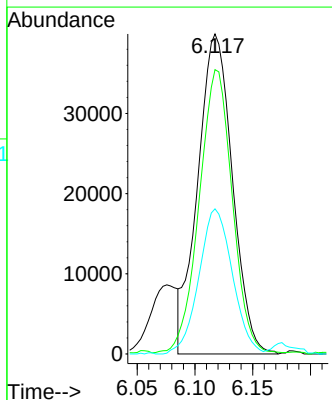
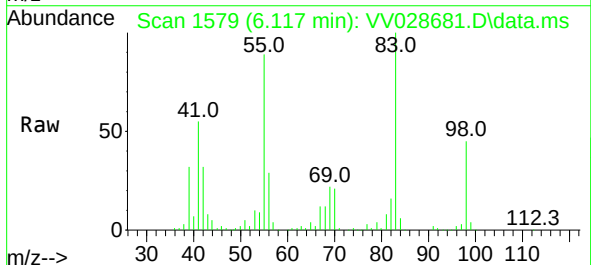


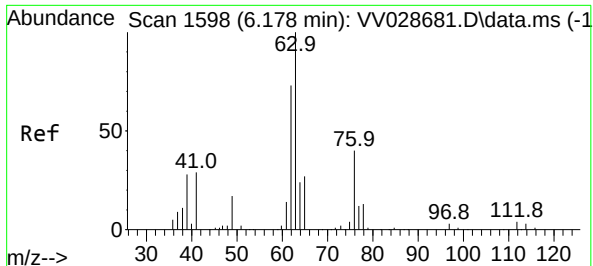
Tgt Ion: 95 Resp: 70219
Ion Ratio Lower Upper
95 100
97 63.0 43.5 80.9
132 85.3 56.5 104.9
130 90.6 61.0 113.2



#35
Methylcyclohexane
Concen: 3.231 ug/L
RT: 6.117 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 83 Resp: 83377
Ion Ratio Lower Upper
83 100
55 84.0 70.0 105.0
98 43.7 35.6 53.4





#37

1,2-Dichloropropane

Concen: 3.318 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

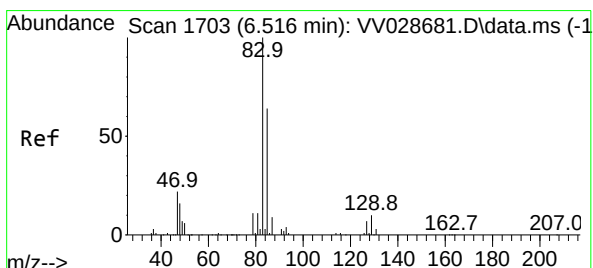
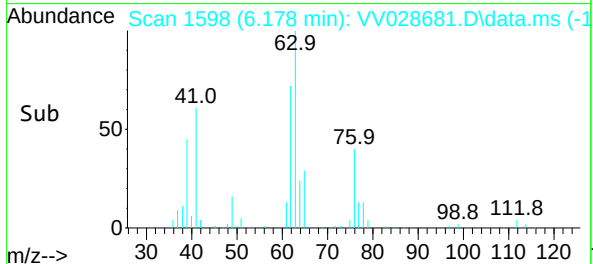
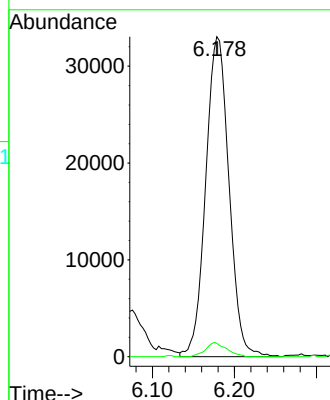
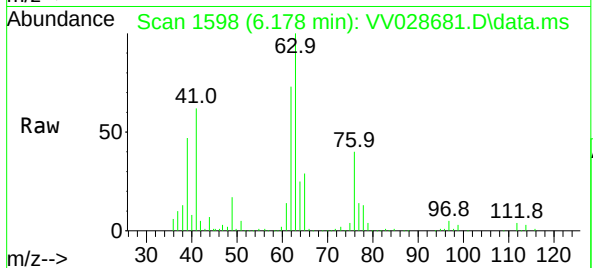
ClientSampleId :

Tgt Ion: 63 Resp: 65163

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 3.699 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

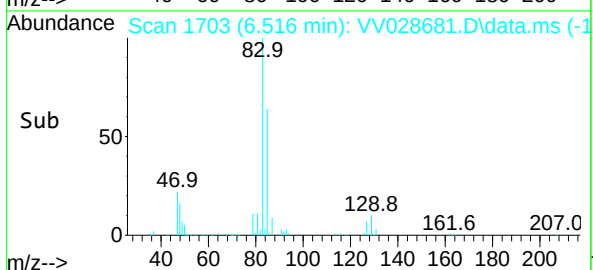
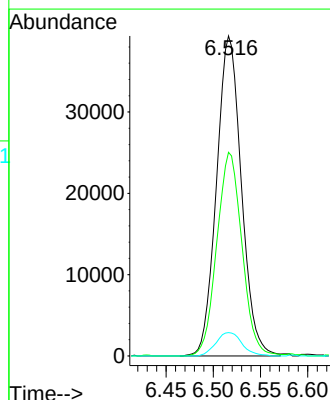
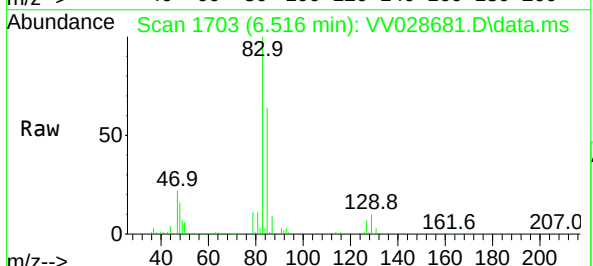
Tgt Ion: 83 Resp: 71939

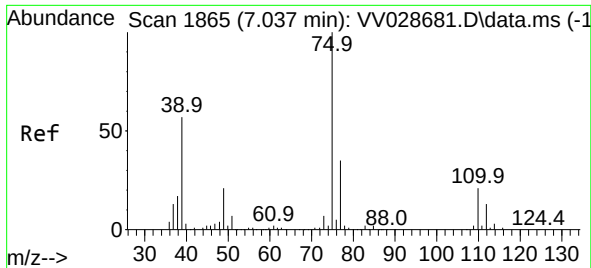
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

127 7.3 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 3.614 ug/L

RT: 7.037 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

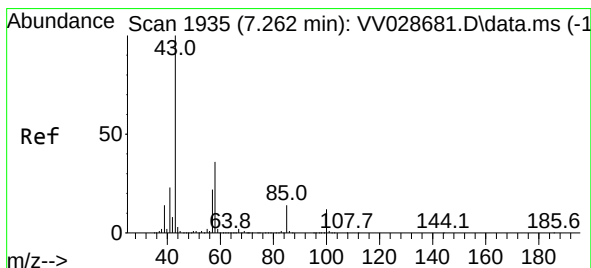
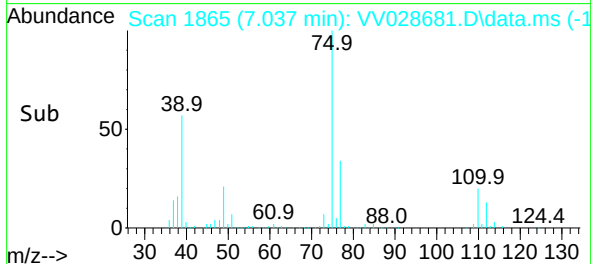
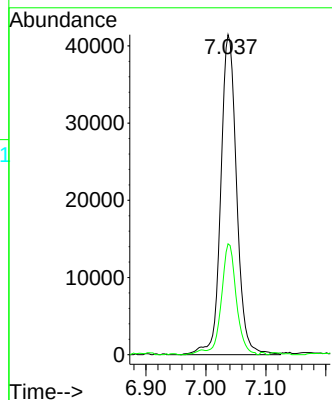
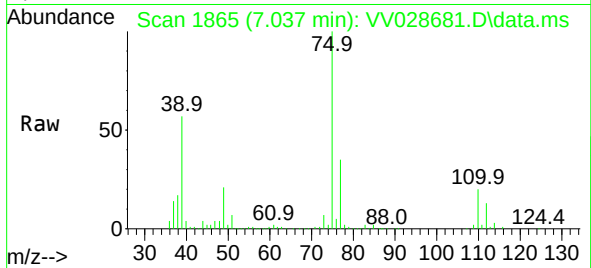
ClientSampleId :

Tgt Ion: 75 Resp: 75900

Ion Ratio Lower Upper

75 100

77 34.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 37.569 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

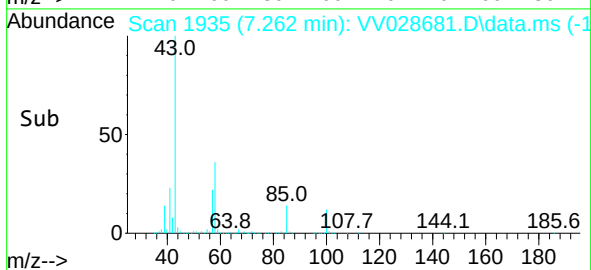
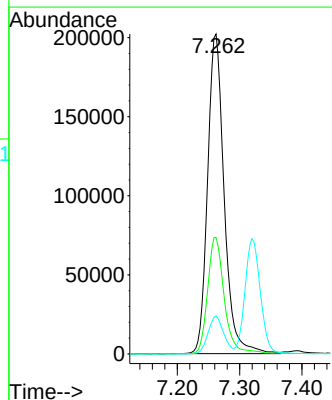
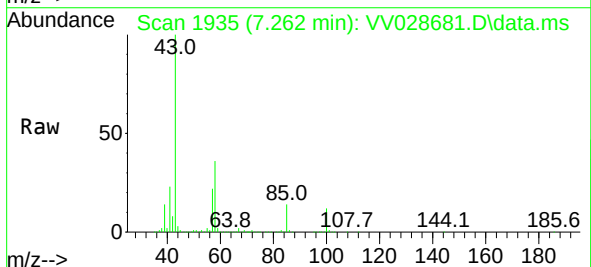
Tgt Ion: 43 Resp: 373932

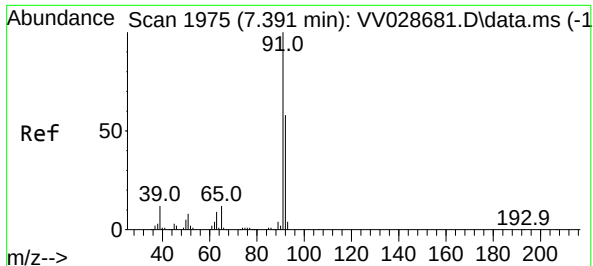
Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4

100 11.4 9.4 14.0





#42

Toluene

Concen: 3.657 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

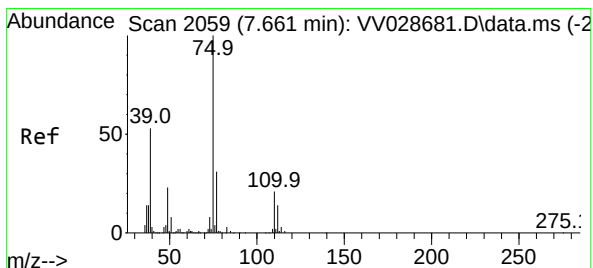
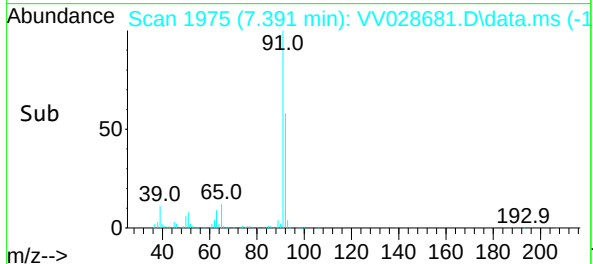
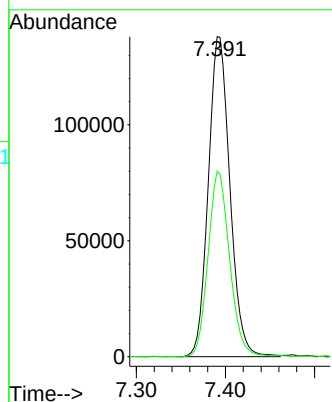
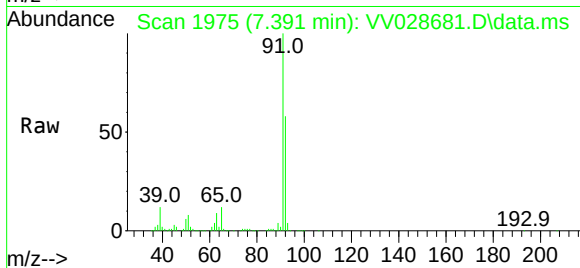
ClientSampleId :

Tgt Ion: 91 Resp: 232292

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.809 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VV028681.D

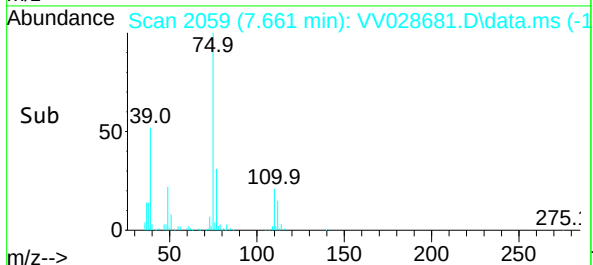
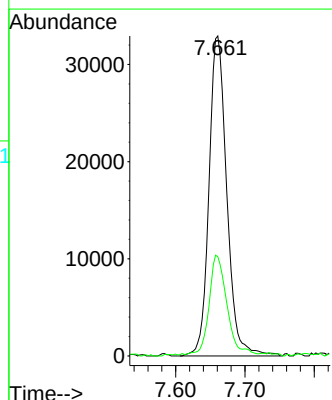
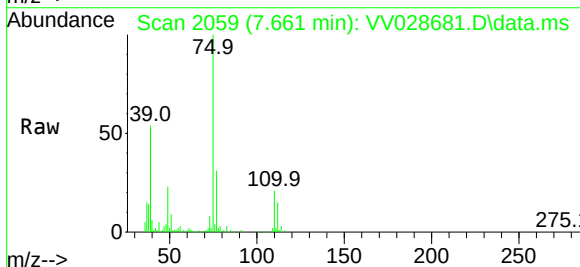
Acq: 25 Oct 2022 11:23

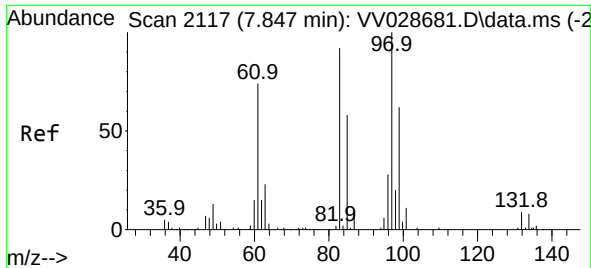
Tgt Ion: 75 Resp: 58706

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0

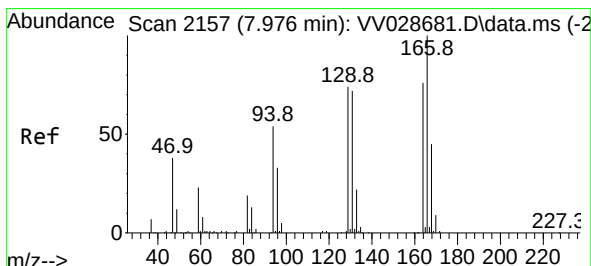
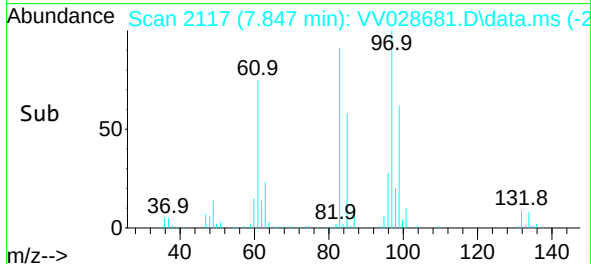
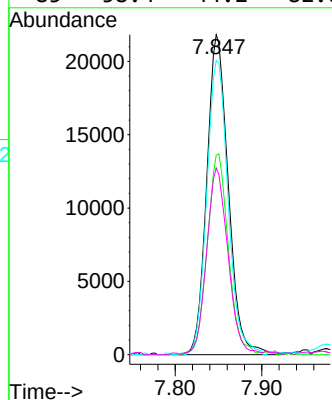
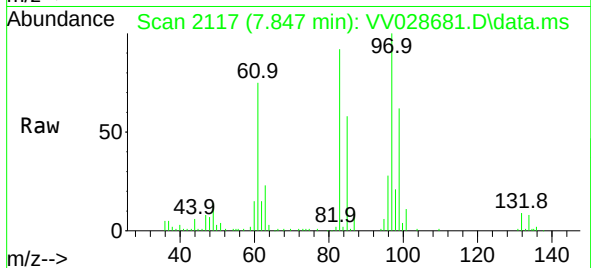




#45
1,1,2-Trichloroethane
Concen: 3.842 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

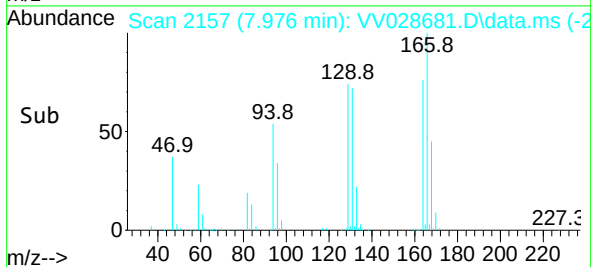
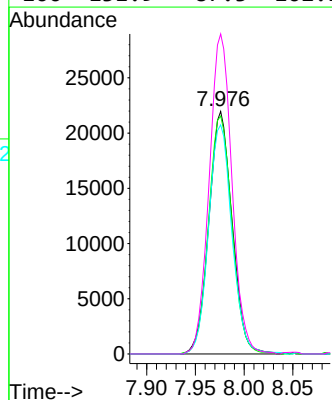
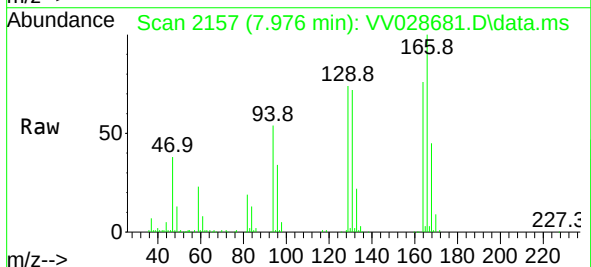
Instrument :
MSVOA_V
ClientSampleId :

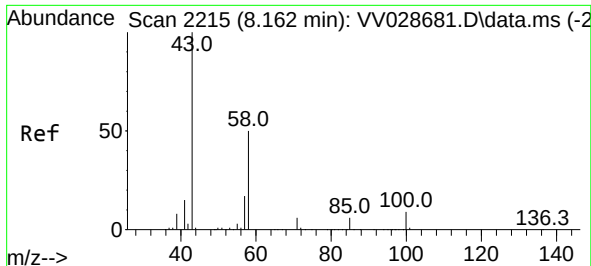
Tgt Ion:	97	Resp:	37801
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.6
83	92.0	66.2	123.0
85	58.4	44.2	82.0



#47
Tetrachloroethene
Concen: 3.810 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion:	164	Resp:	36422
Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.2	128.6
131	94.4	64.2	119.2
166	131.9	87.3	162.1

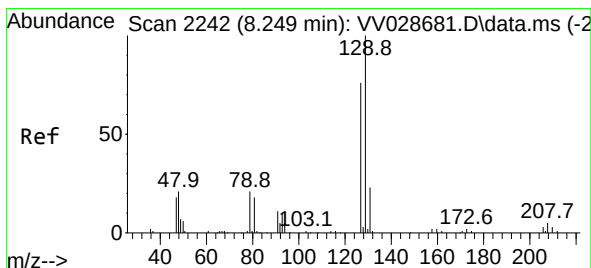
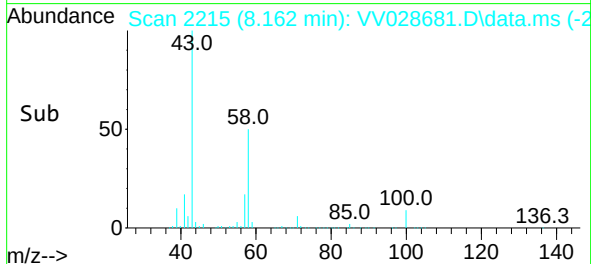
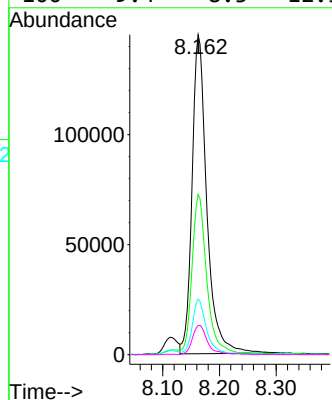
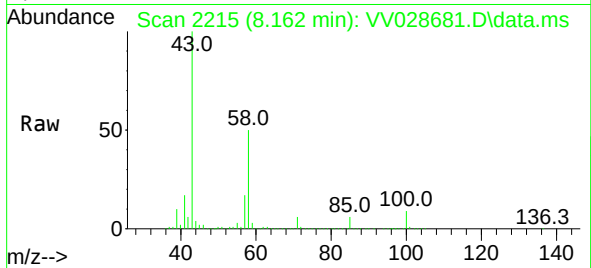




#48
2-Hexanone
Concen: 41.182 ug/L
RT: 8.162 min Scan# 2215
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

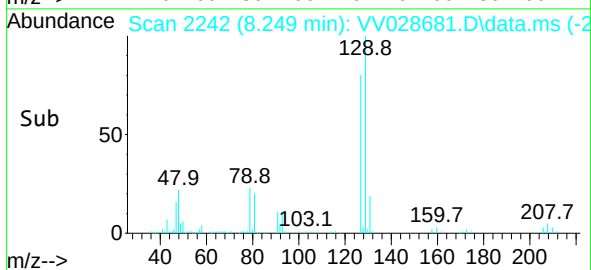
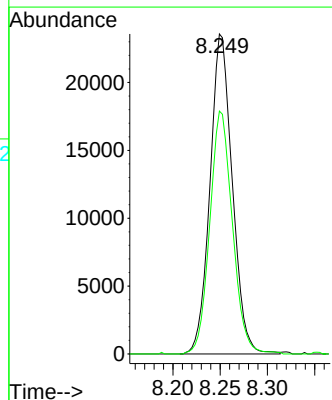
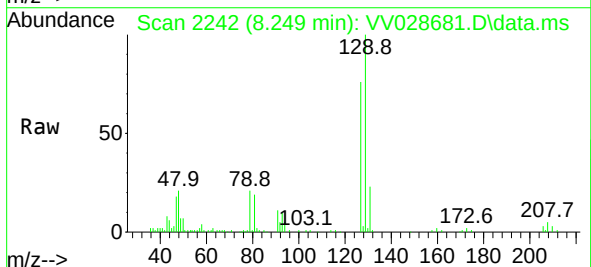
Instrument :
MSVOA_V
ClientSampleId :

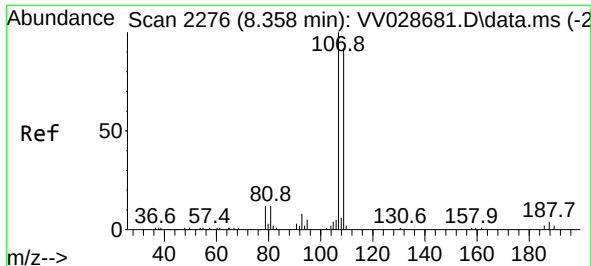
Tgt Ion: 43 Resp: 261981
Ion Ratio Lower Upper
43 100
58 48.7 40.6 60.8
57 16.5 13.8 20.8
100 9.4 8.3 12.5



#49
Dibromochloromethane
Concen: 4.214 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

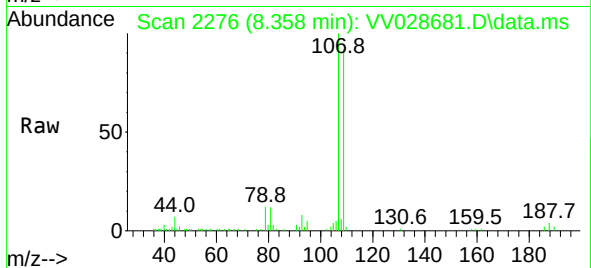
Tgt Ion: 129 Resp: 38727
Ion Ratio Lower Upper
129 100
127 75.9 51.6 95.8



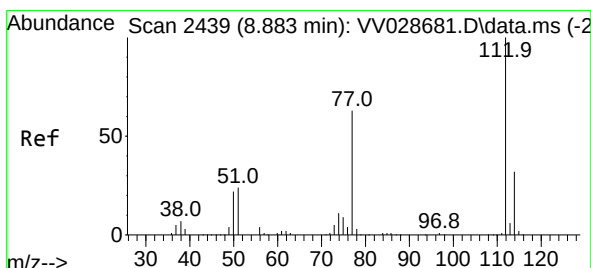
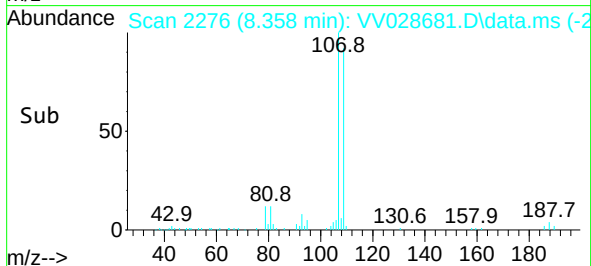
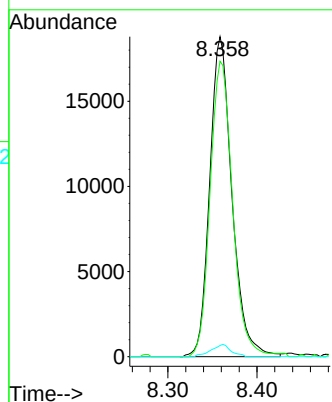


#50
 1,2-Dibromoethane
 Concen: 3.881 ug/L
 RT: 8.358 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

Instrument :
 MSVOA_V
 ClientSampleId :

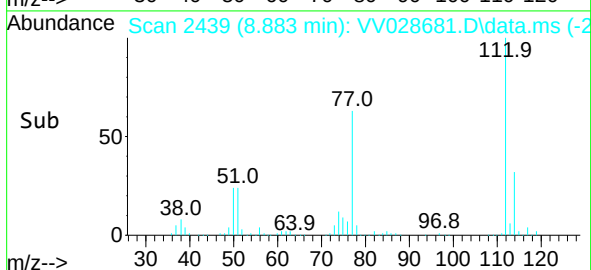
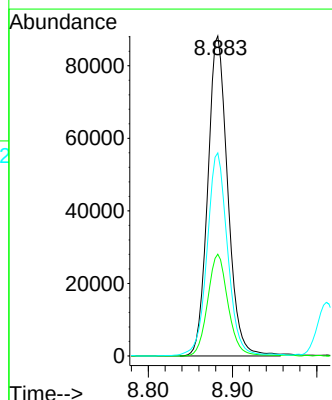
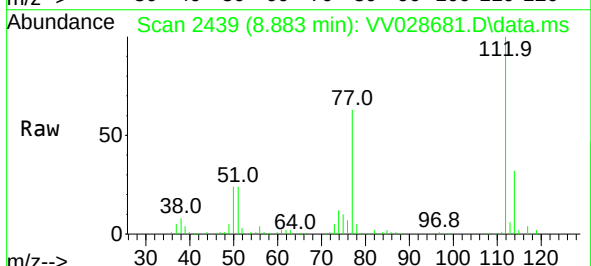


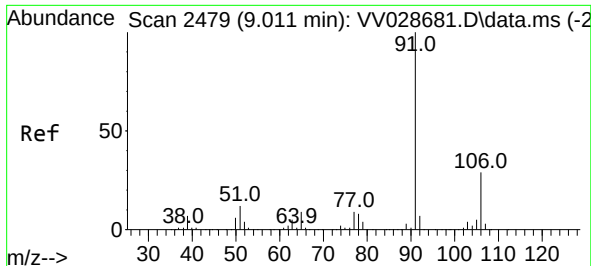
Tgt Ion:	107	Resp:	32498
Ion	Ratio	Lower	Upper
107	100		
109	92.3	64.0	118.8
188	3.5	2.9	4.3



#51
 Chlorobenzene
 Concen: 3.904 ug/L
 RT: 8.883 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: VV028681.D
 Acq: 25 Oct 2022 11:23

Tgt Ion:	112	Resp:	145428
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	63.5	50.0	75.0

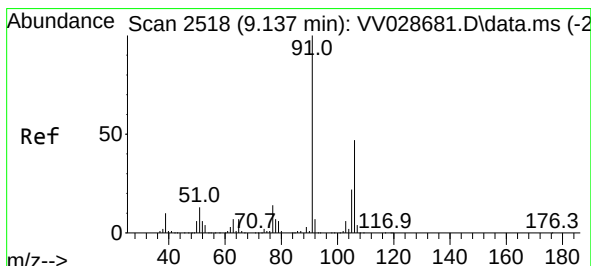
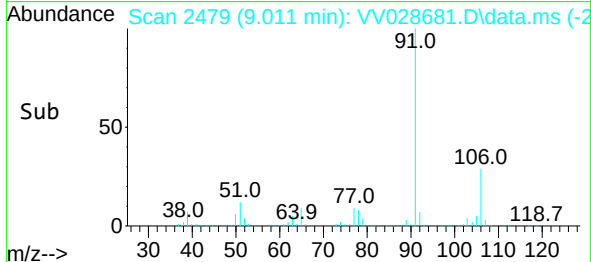
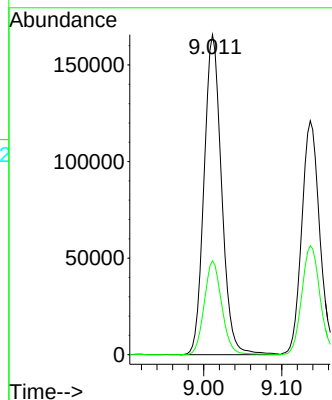
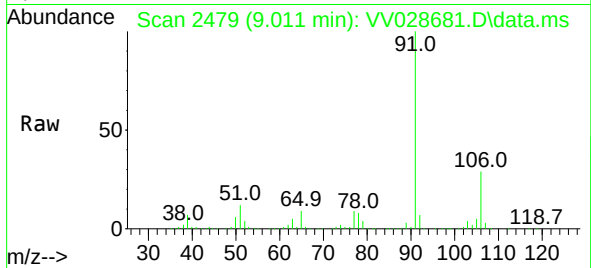




#52
Ethylbenzene
Concen: 3.920 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

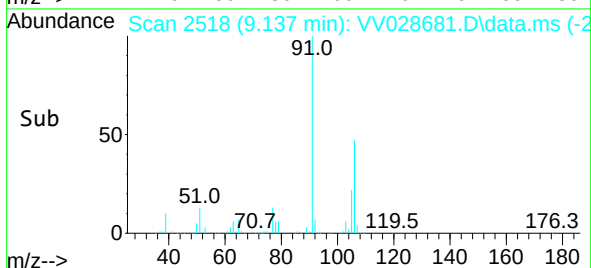
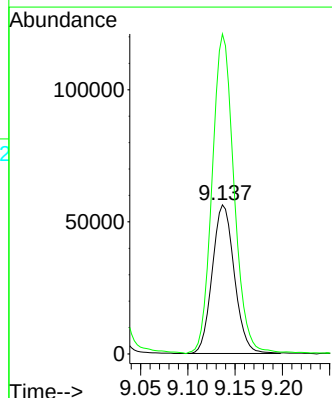
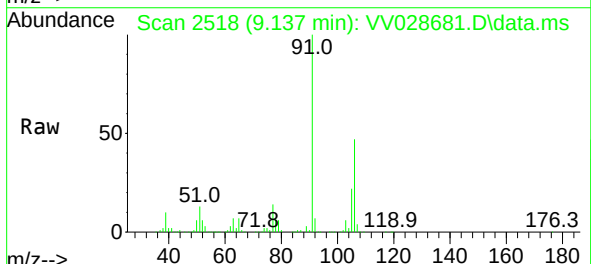
Instrument :
MSVOA_V
ClientSampleId :

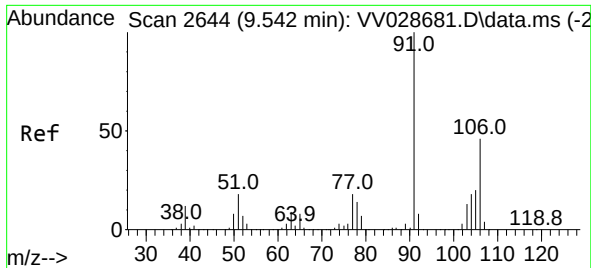
Tgt Ion: 91 Resp: 258954
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6



#53
m,p-Xylene
Concen: 3.825 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 106 Resp: 91323
Ion Ratio Lower Upper
106 100
91 214.6 145.5 270.1

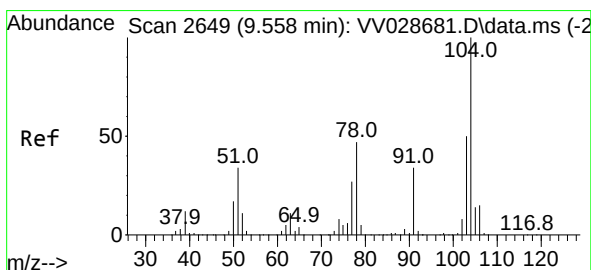
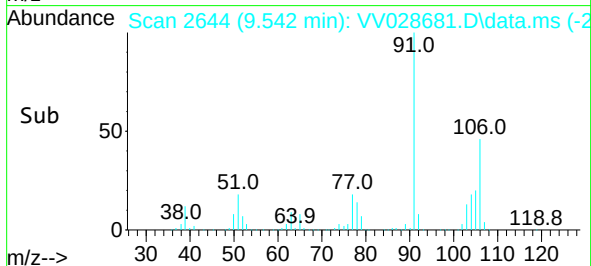
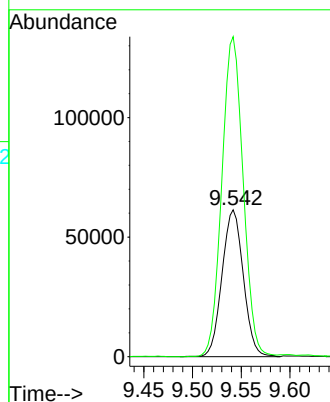
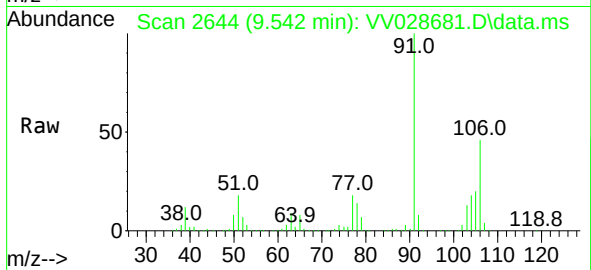




#54
o-Xylene
Concen: 3.902 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

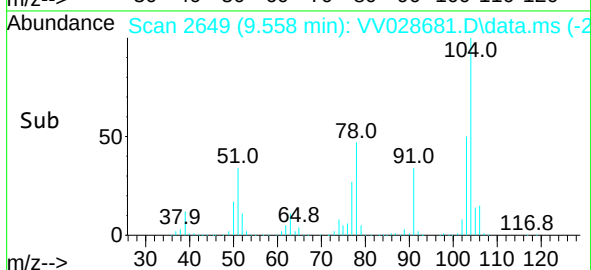
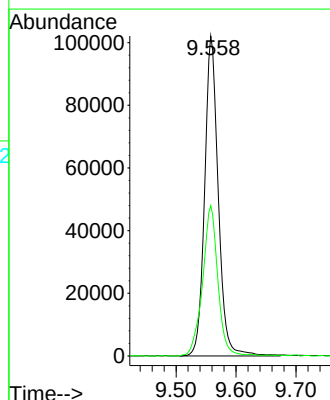
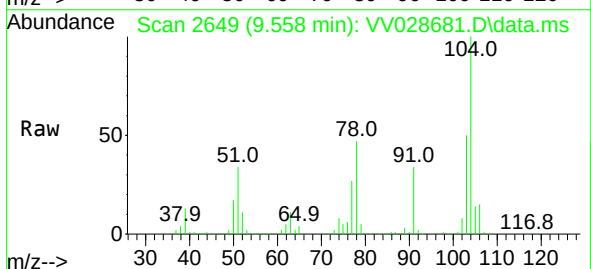
Instrument :
MSVOA_V
ClientSampleId :

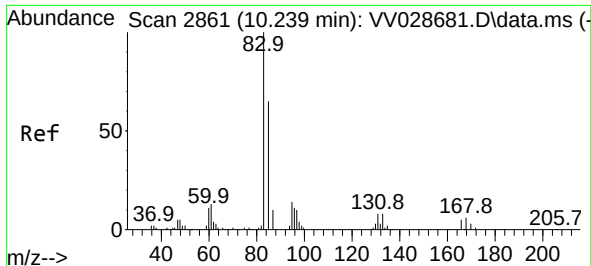
Tgt Ion:106 Resp: 93315
Ion Ratio Lower Upper
106 100
91 217.8 159.0 295.4



#55
Styrene
Concen: 3.977 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion:104 Resp: 161692
Ion Ratio Lower Upper
104 100
78 47.0 32.8 61.0

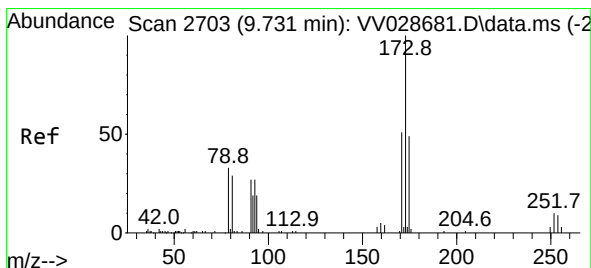
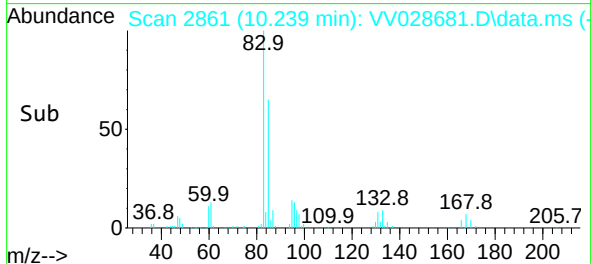
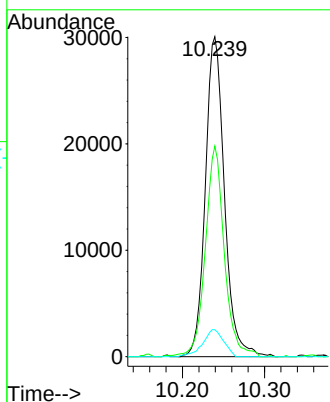
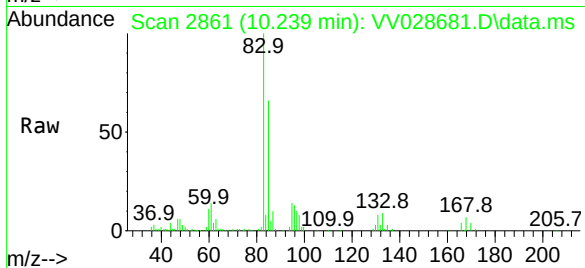




#57
1,1,2,2-Tetrachloroethane
Concen: 4.198 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

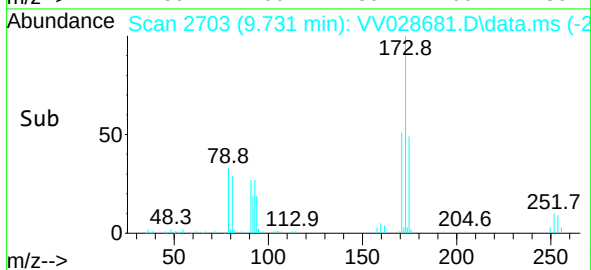
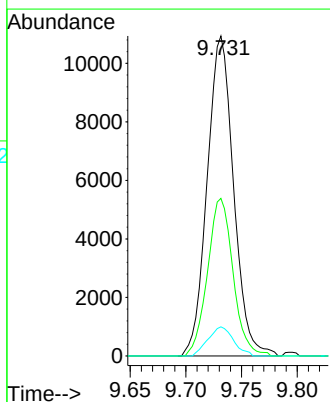
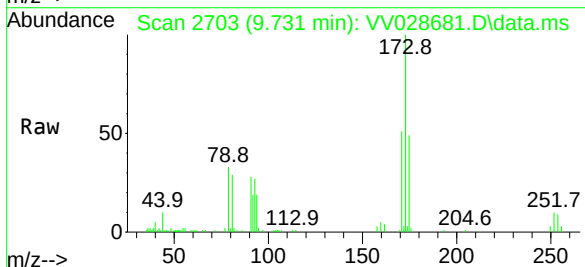
Instrument :
MSVOA_V
ClientSampleId :

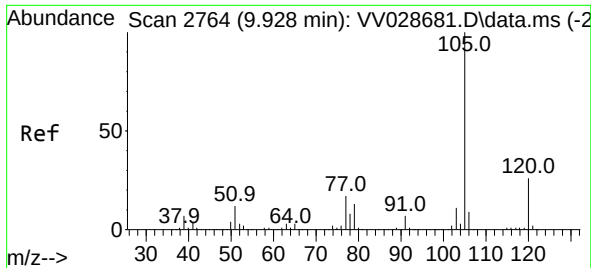
Tgt Ion: 83 Resp: 48604
Ion Ratio Lower Upper
83 100
85 65.8 43.0 80.0
131 8.4 6.5 9.7



#59
Bromoform
Concen: 4.334 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 173 Resp: 18042
Ion Ratio Lower Upper
173 100
175 47.6 39.8 59.8
254 8.8 7.3 10.9

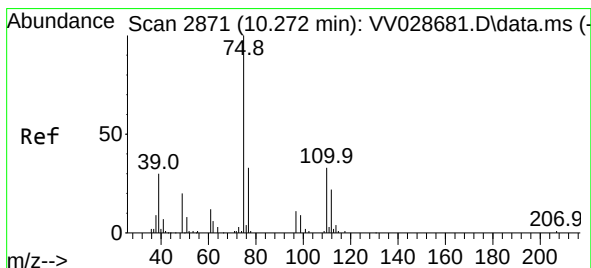
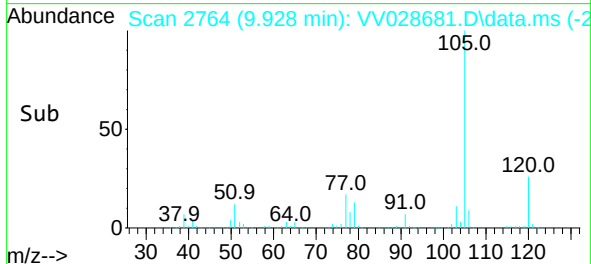
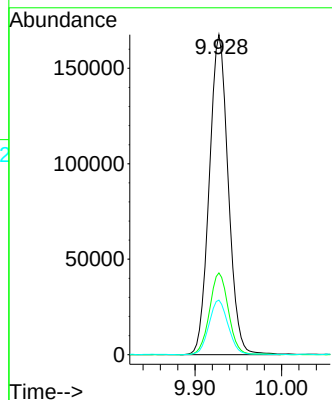
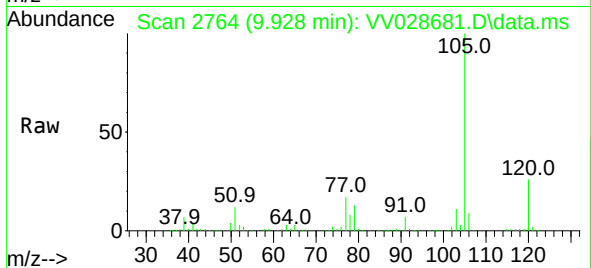




#60
Isopropylbenzene
Concen: 3.726 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

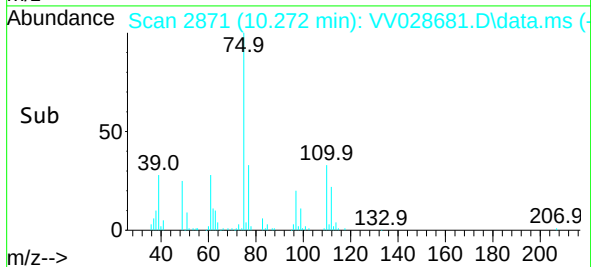
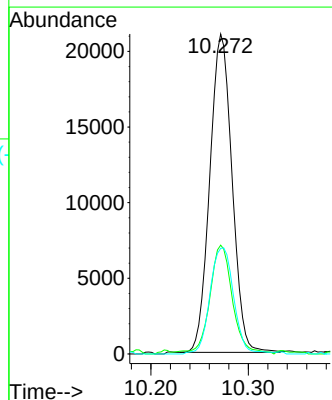
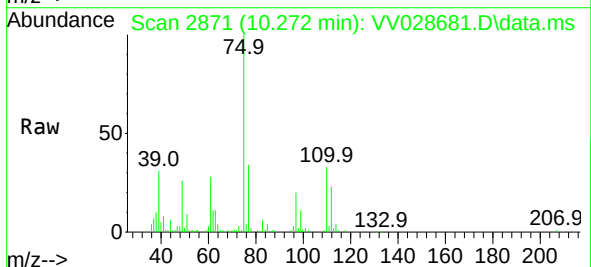
Instrument :
MSVOA_V
ClientSampleId :

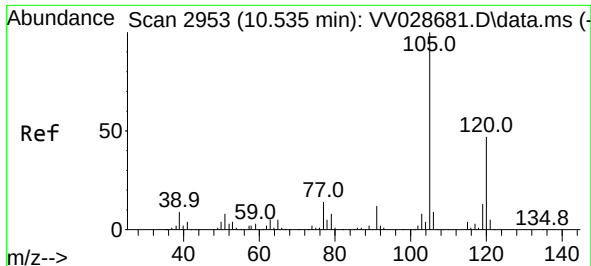
Tgt Ion:105 Resp: 254644
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 3.749 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion: 75 Resp: 33421
Ion Ratio Lower Upper
75 100
77 35.0 25.2 37.8
110 35.5 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 3.695 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

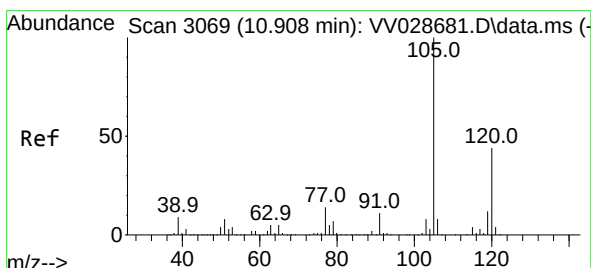
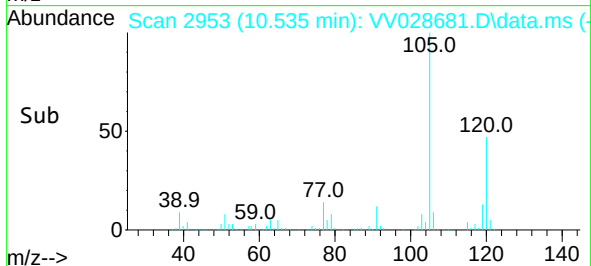
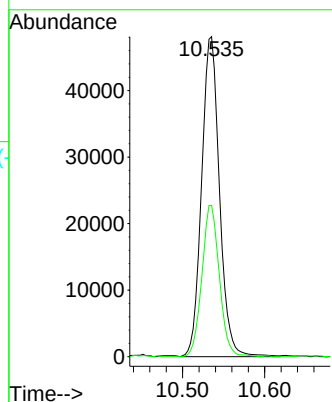
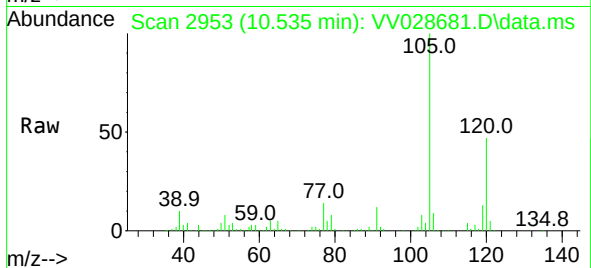
ClientSampleId :

Tgt Ion:105 Resp: 72778

Ion Ratio Lower Upper

105 100

120 46.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.863 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.000 min

Lab File: VV028681.D

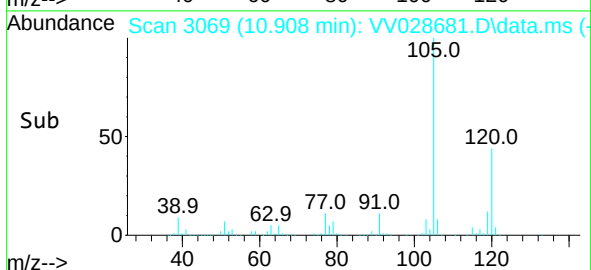
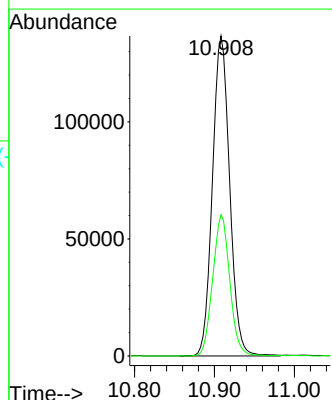
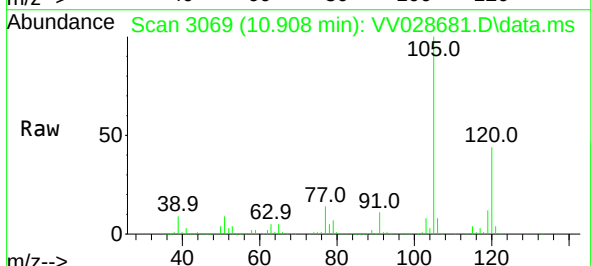
Acq: 25 Oct 2022 11:23

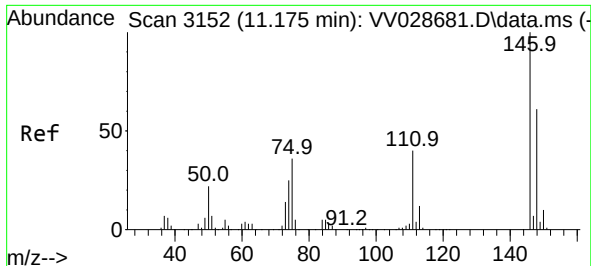
Tgt Ion:105 Resp: 204208

Ion Ratio Lower Upper

105 100

120 43.8 36.2 54.2

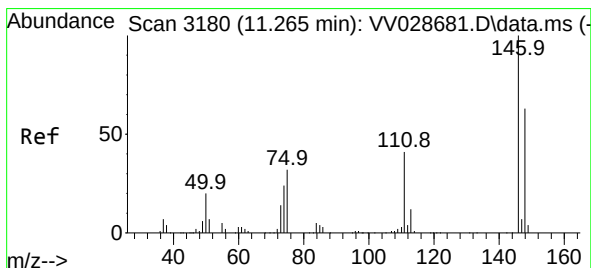
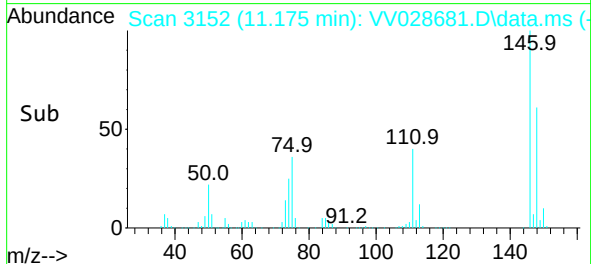
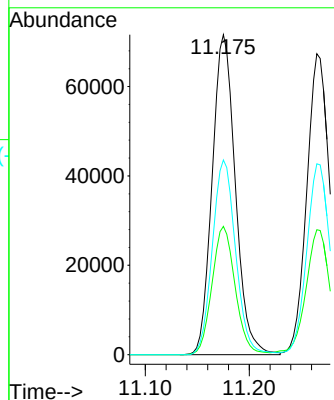
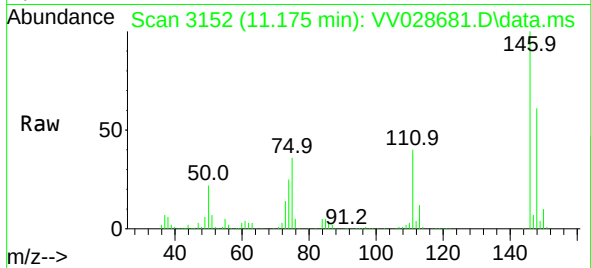




#64
1,3-Dichlorobenzene
Concen: 4.086 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

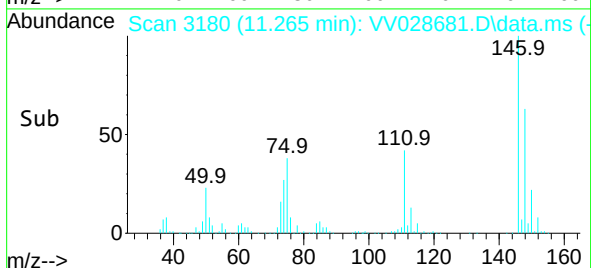
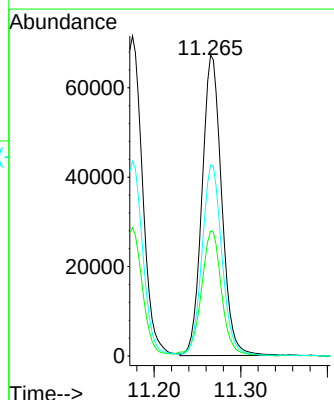
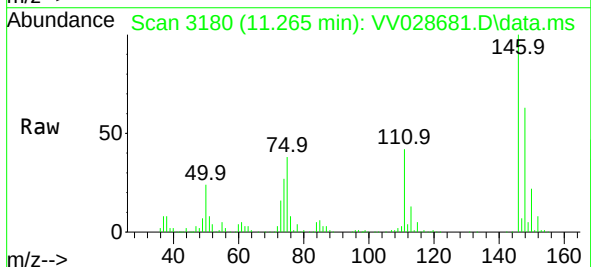
Instrument :
MSVOA_V
ClientSampleId :

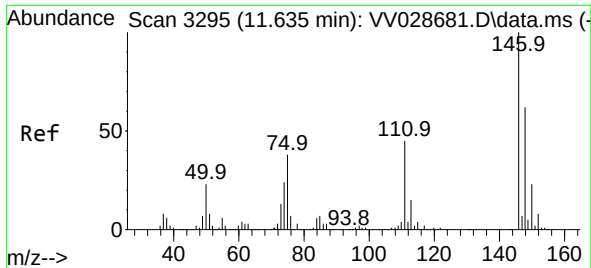
Tgt Ion:146 Resp: 111078
Ion Ratio Lower Upper
146 100
111 40.1 29.0 53.9
148 60.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 3.874 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion:146 Resp: 105845
Ion Ratio Lower Upper
146 100
111 41.5 28.6 53.2
148 63.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 3.900 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

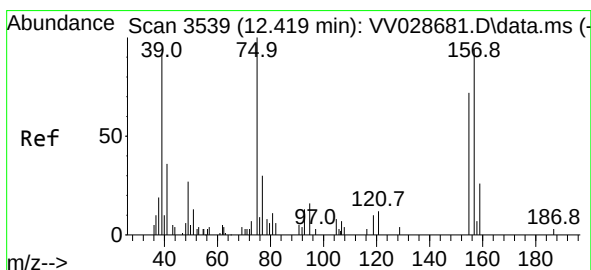
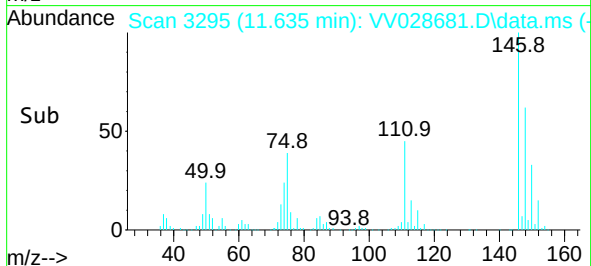
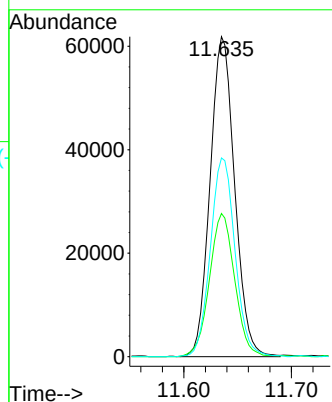
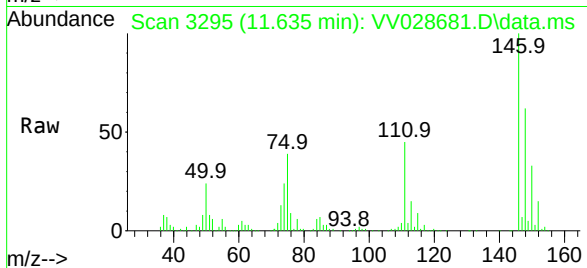
Tgt Ion:146 Resp: 98166

Ion Ratio Lower Upper

146 100

111 44.8 36.2 54.4

148 62.1 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 3.968 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

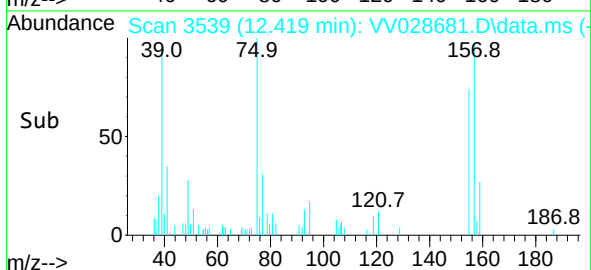
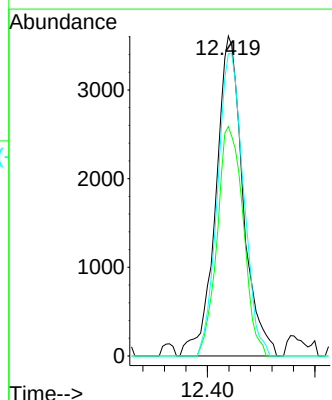
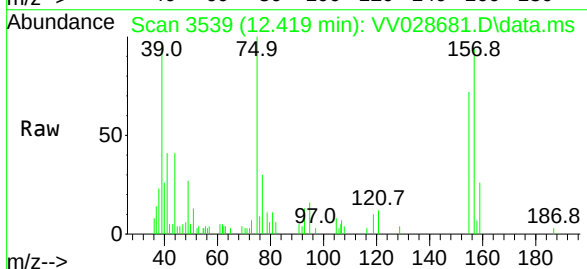
Tgt Ion: 75 Resp: 6339

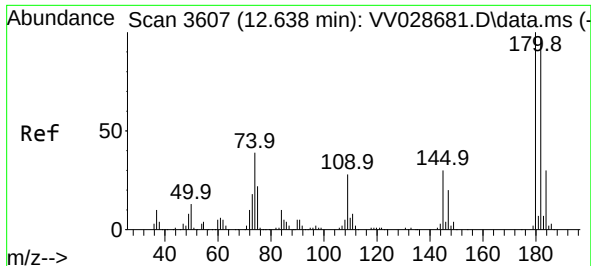
Ion Ratio Lower Upper

75 100

155 71.7 58.2 87.2

157 94.5 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 4.089 ug/L

RT: 12.638 min Scan# 3607

Delta R.T. 0.000 min

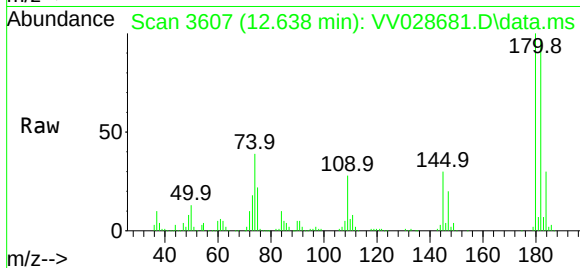
Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 79371

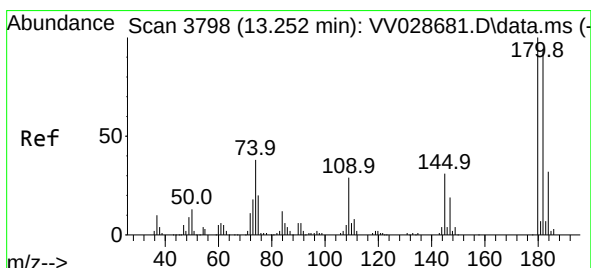
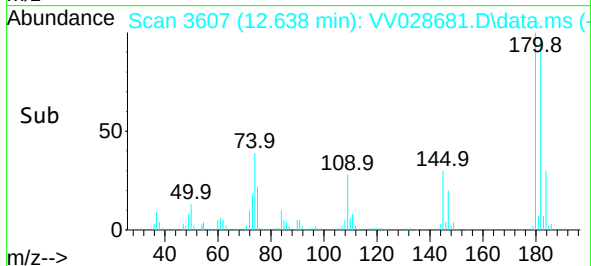
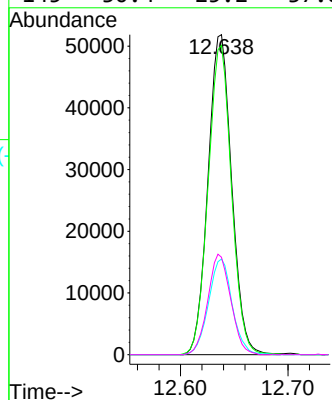
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

184 29.9 24.3 36.5

145 30.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 3.931 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028681.D

Acq: 25 Oct 2022 11:23

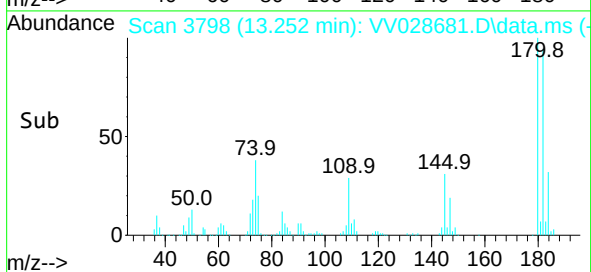
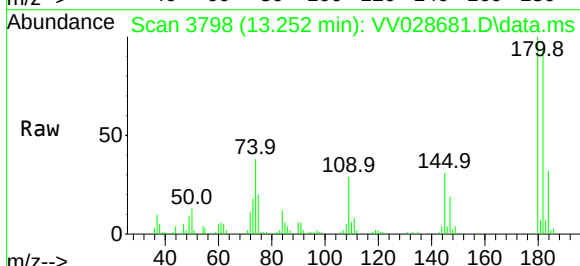
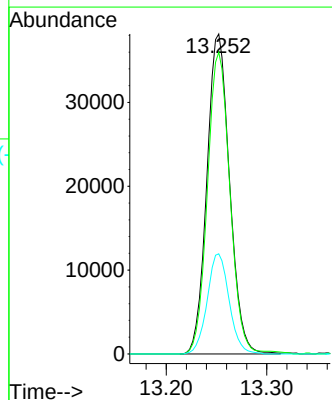
Tgt Ion:180 Resp: 59953

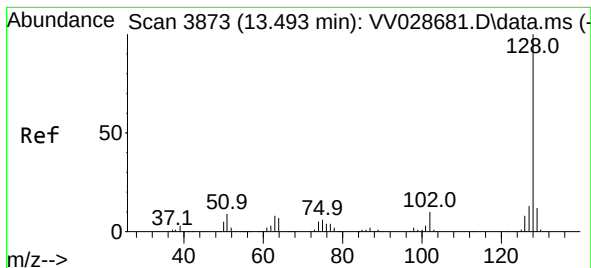
Ion Ratio Lower Upper

180 100

182 93.5 74.7 112.1

145 30.3 25.5 38.3

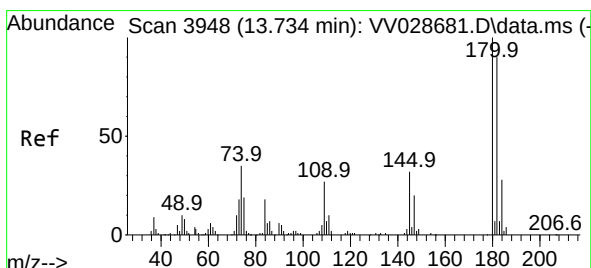
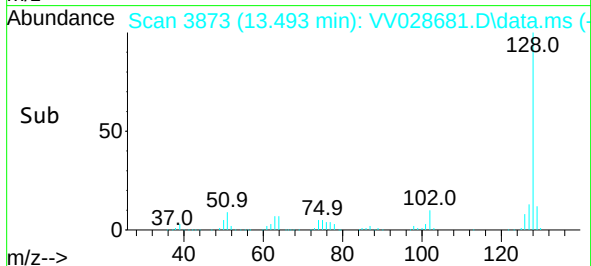
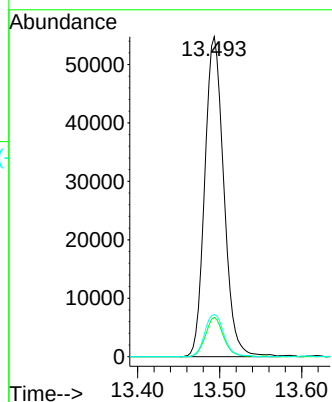
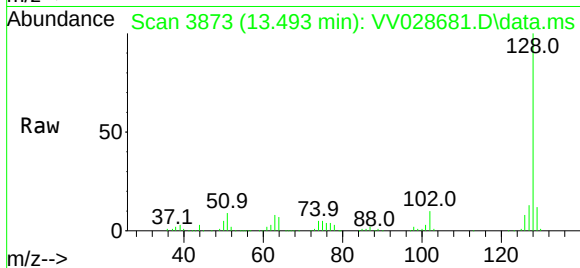




#71
Naphthalene
Concen: 3.403 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 88329
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.041 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028681.D
Acq: 25 Oct 2022 11:23

Tgt Ion:180 Resp: 53938
Ion Ratio Lower Upper
180 100
182 91.4 73.4 110.0
145 33.2 26.3 39.5

