

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028678.D
 Acq On : 25 Oct 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:34:41 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	5.609	114	165853	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	158686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	77107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	81772	5.380	ug/L	0.00
7) Chloroethane-d5	1.558	69	68518	5.629	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	150411	5.599	ug/L	-0.02
20) 2-Butanone-d5	3.905	46	156834	50.616	ug/L	-0.07
24) Chloroform-d	4.336	84	123324	5.237	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	60094	4.643	ug/L	-0.02
32) Benzene-d6	5.037	84	242013	3.745	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	81503	4.143	ug/L	-0.01
41) Toluene-d8	7.307	98	213533	4.560	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.619	79	25247	4.885	ug/L	-0.01
46) 2-Hexanone-d5	8.085	63	120004	55.514	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	52119	5.219	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	64920	4.908	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	49855	6.484	ug/L	96
3) Chloromethane	1.237	50	77587	5.092	ug/L	100
5) Vinyl chloride	1.304	62	90275	6.156	ug/L	97
6) Bromomethane	1.513	94	39352	5.501	ug/L	96
8) Chloroethane	1.574	64	58628	5.939	ug/L	97
9) Trichlorofluoromethane	1.741	101	113909	6.251	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	68268	6.362	ug/L	97
12) 1,1-Dichloroethene	2.108	96	59499	5.855	ug/L	85
13) Acetone	2.185	43	38006	19.545	ug/L	98
14) Carbon disulfide	2.282	76	131973	5.402	ug/L	100
15) Methyl Acetate	2.442	43	27130	4.683	ug/L	98
16) Methylene chloride	2.497	84	69090	4.698	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	140240	4.980	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	55355	5.009	ug/L	96
19) 1,1-Dichloroethane	3.179	63	132539	5.078	ug/L	98
21) 2-Butanone	3.986	43	150769	43.768	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	64545	5.032	ug/L #	98
23) Bromochloromethane	4.240	128	25427	5.395	ug/L	90
25) Chloroform	4.362	83	132473	5.341	ug/L	97
27) 1,2-Dichloroethane	5.124	62	75007	4.767	ug/L #	95
29) 1,1,1-Trichloroethane	4.593	97	103095	3.951	ug/L	97
30) Cyclohexane	4.664	56	102598	3.676	ug/L	96
31) Carbon tetrachloride	4.815	117	82341	4.241	ug/L	99
33) Benzene	5.088	78	268389	3.854	ug/L	100
34) Trichloroethene	5.905	95	65672	4.122	ug/L	97
35) Methylcyclohexane	6.124	83	99509	4.211	ug/L	98
37) 1,2-Dichloropropane	6.166	63	73203	4.070	ug/L	99
38) Bromodichloromethane	6.503	83	88902	4.992	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	94084	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	426065	46.750	ug/L	99
42) Toluene	7.381	91	278131	4.782	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	74245	5.261	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102522\
 Data File : VV028678.D
 Acq On : 25 Oct 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:34:41 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)

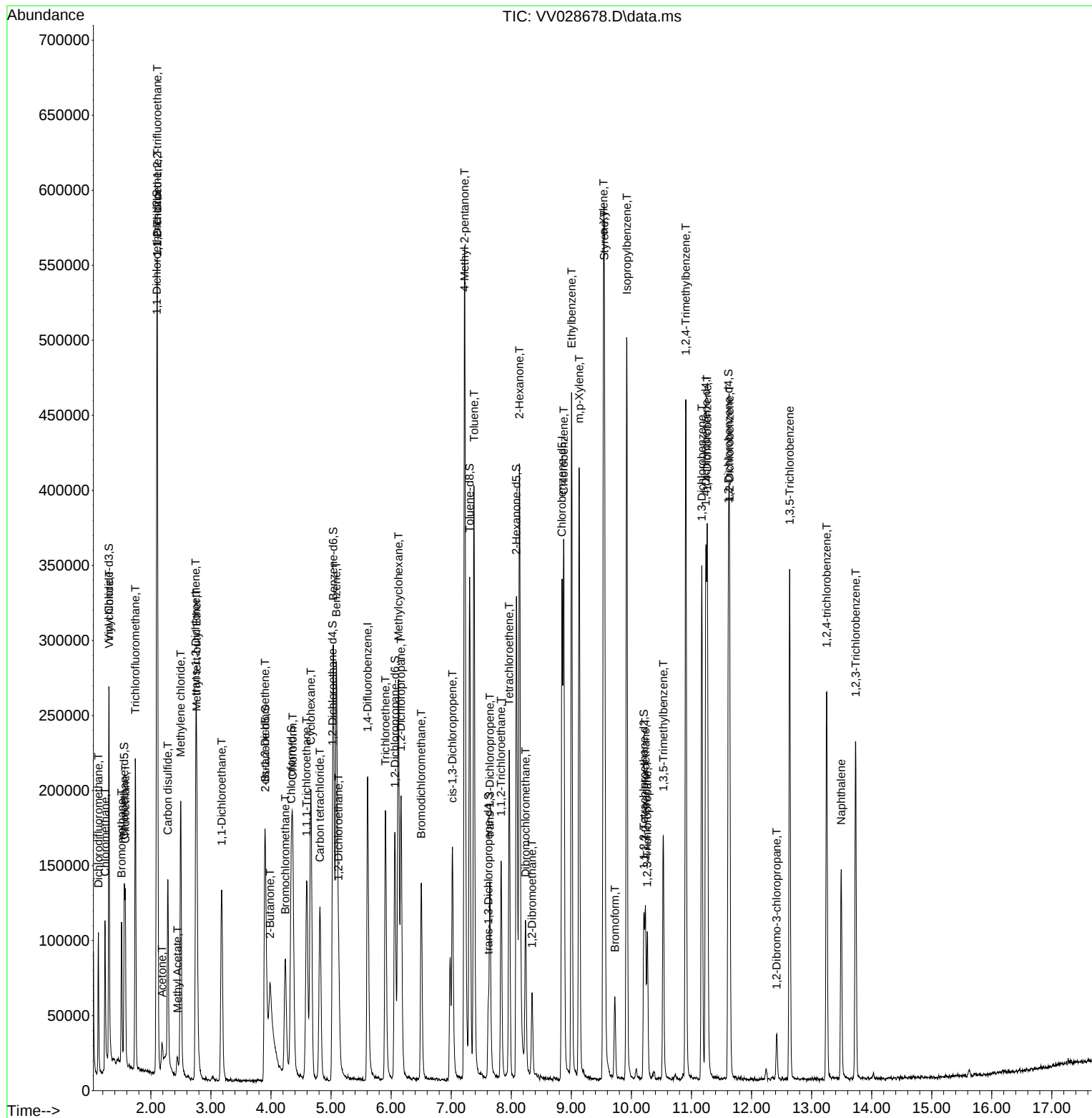
45) 1,1,2-Trichloroethane	7.831	97	42706	4.741	ug/L	98
47) Tetrachloroethene	7.966	164	43615	4.983	ug/L	97
48) 2-Hexanone	8.137	43	289263	49.659	ug/L	99
49) Dibromochloromethane	8.239	129	48453	5.758	ug/L	95
50) 1,2-Dibromoethane	8.346	107	37155	4.846	ug/L	99
51) Chlorobenzene	8.873	112	171149	5.018	ug/L	99
52) Ethylbenzene	9.005	91	299951	4.959	ug/L	99
53) m,p-Xylene	9.130	106	107144	4.901	ug/L	100
54) o-Xylene	9.535	106	109630	5.006	ug/L	95
55) Styrene	9.551	104	187932	5.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	54142	5.107	ug/L	97
59) Bromoform	9.725	173	22954	6.135	ug/L	97
60) Isopropylbenzene	9.924	105	302612	4.927	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	36932	4.609	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	84580	4.777	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	238564	5.022	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	124374	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	125177	5.098	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	115612	5.110	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7183	5.003	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	92377	5.294	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	71269	5.200	ug/L	97
71) Naphthalene	13.493	128	102974	4.413	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	60517	5.044	ug/L	97

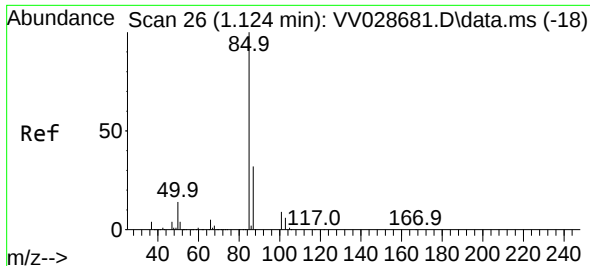
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102522\
Data File : VV028678.D
Acq On : 25 Oct 2022 09:39
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 27 04:34:41 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

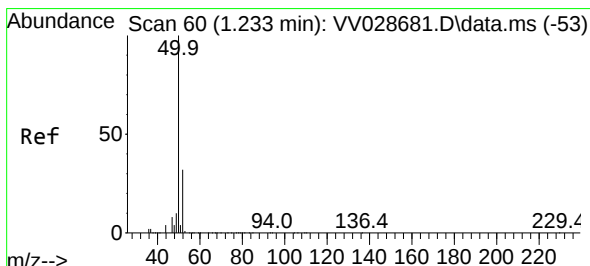
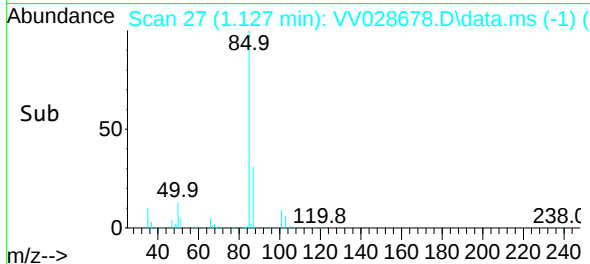
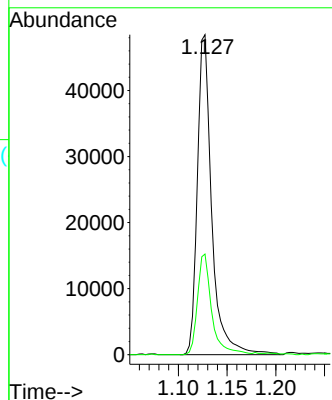
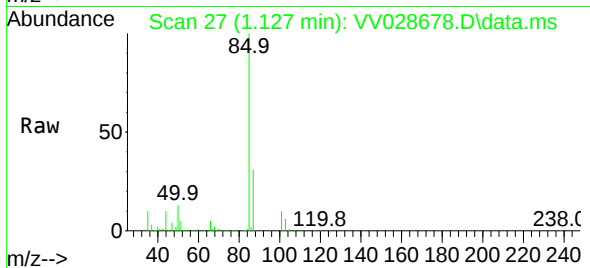




#2
 Dichlorodifluoromethane
 Concen: 6.484 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

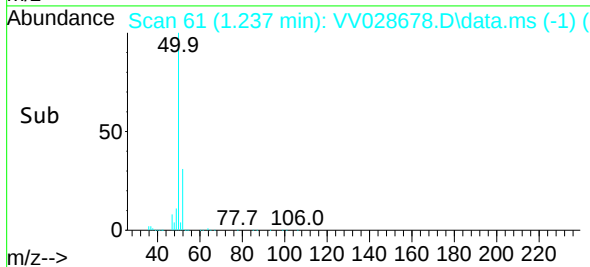
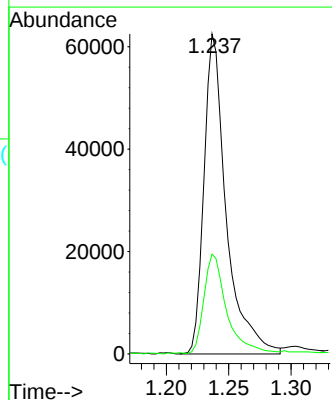
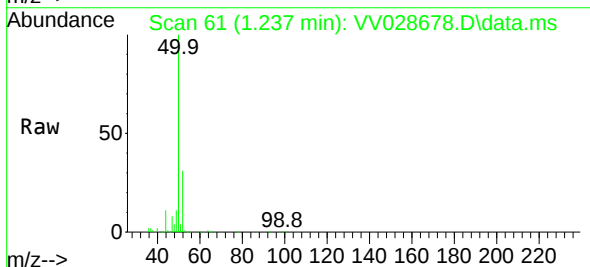
Instrument :
 MSVOA_V
 ClientSampleId :

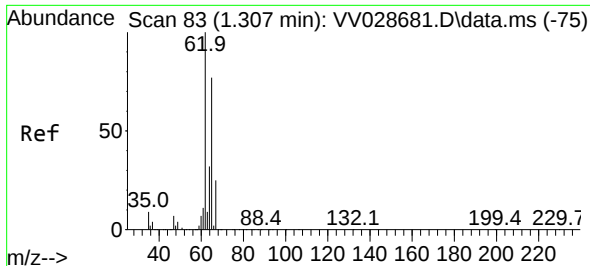
Tgt Ion: 85 Resp: 49855
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.6 40.0



#3
 Chloromethane
 Concen: 5.092 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

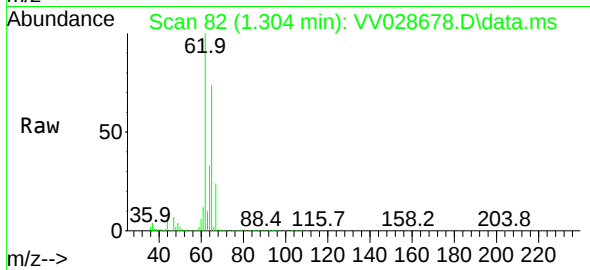
Tgt Ion: 50 Resp: 77587
 Ion Ratio Lower Upper
 50 100
 52 31.2 21.8 40.6



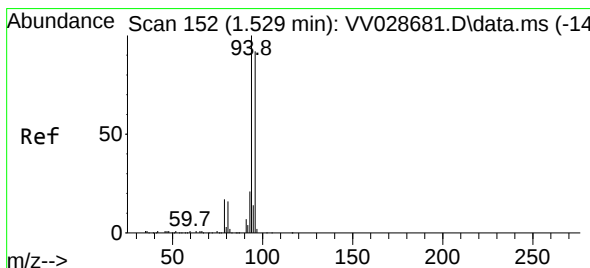
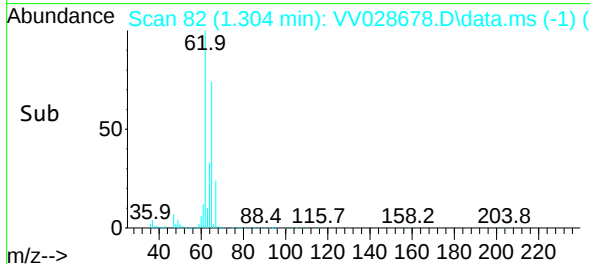
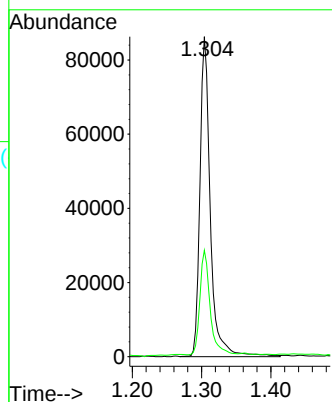


#5
 Vinyl chloride
 Concen: 6.156 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Instrument :
 MSVOA_V
 ClientSampleId :

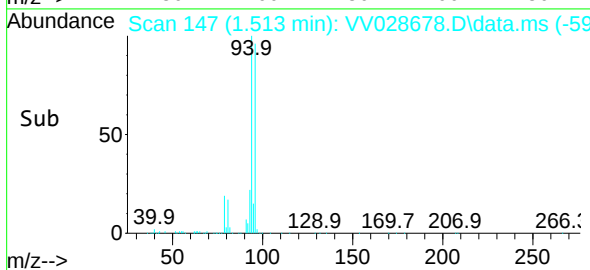
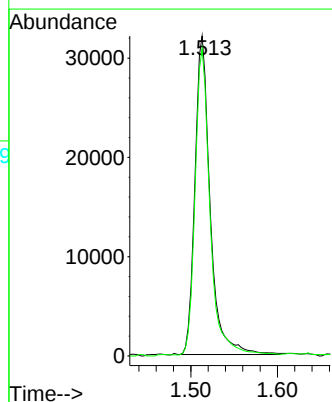
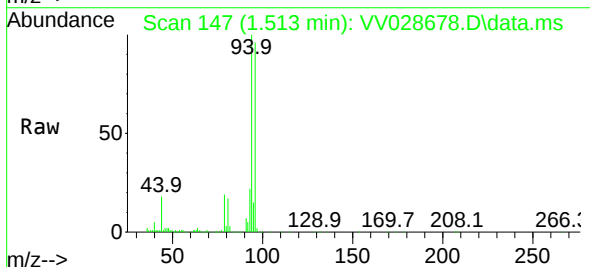


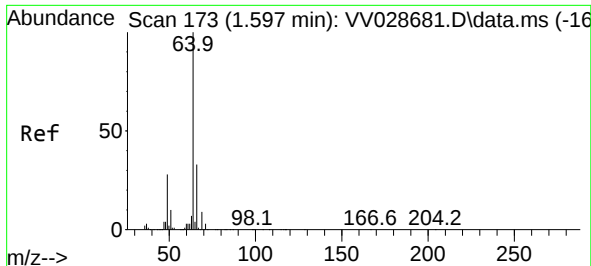
Tgt Ion: 62 Resp: 90275
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.0 41.0



#6
 Bromomethane
 Concen: 5.501 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.016 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Tgt Ion: 94 Resp: 39352
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.3 119.3

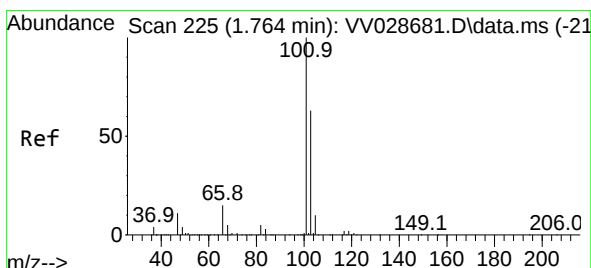
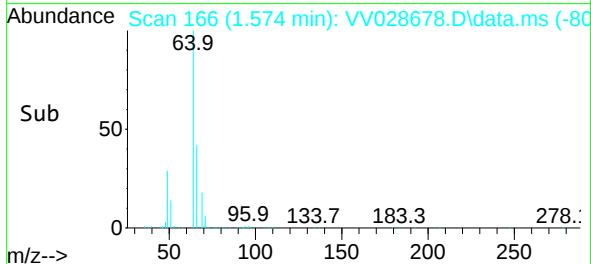
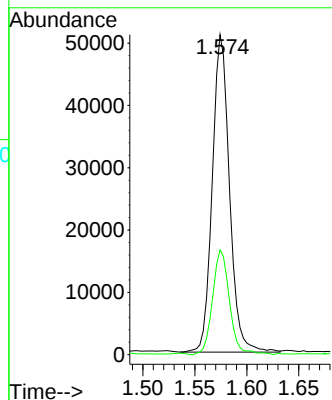
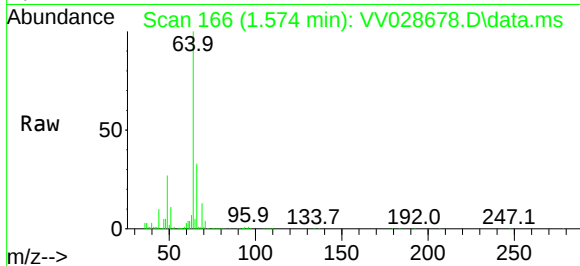




#8
Chloroethane
Concen: 5.939 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.022 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

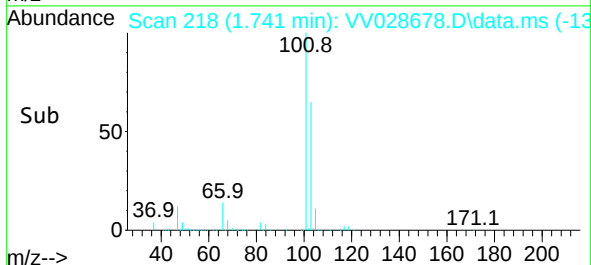
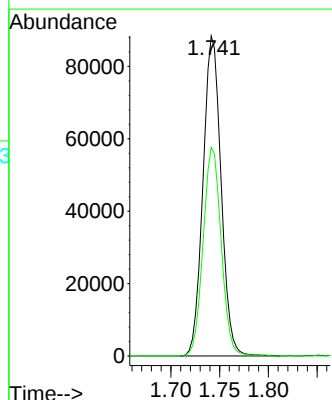
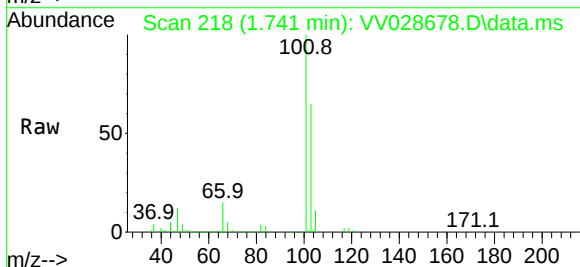
Instrument :
MSVOA_V
ClientSampleId :

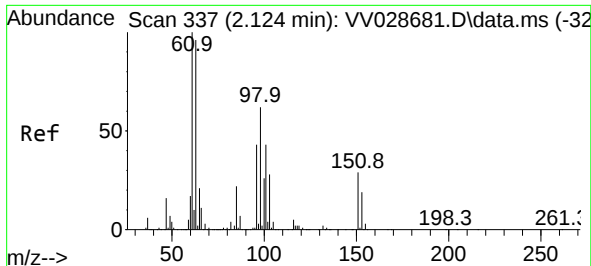
Tgt Ion: 64 Resp: 58628
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 6.251 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.022 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

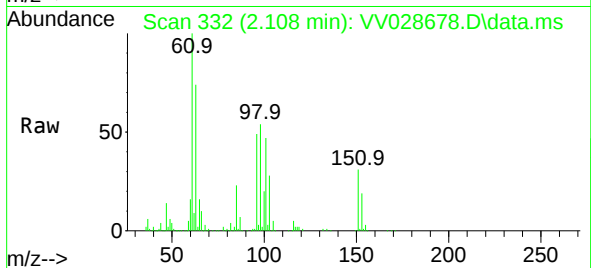
Tgt Ion: 101 Resp: 113909
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6



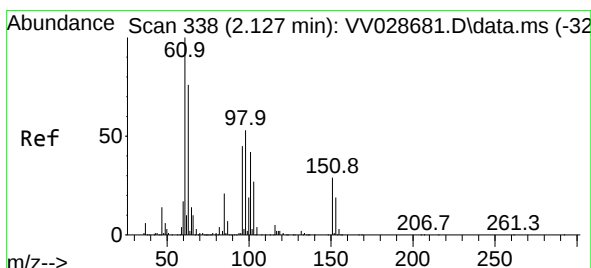
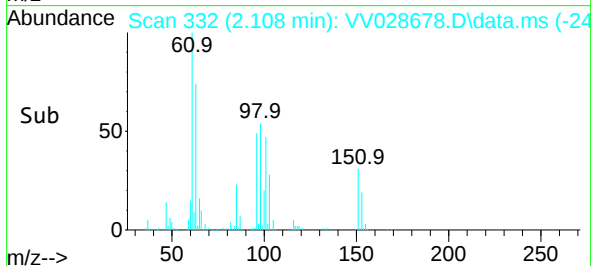
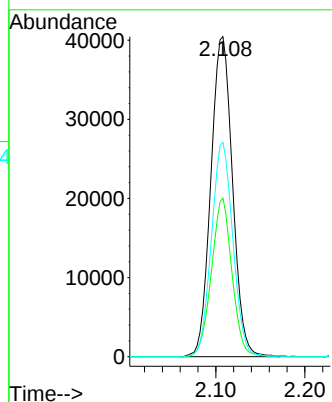


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.362 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.016 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Instrument :
 MSVOA_V
 ClientSampleId :

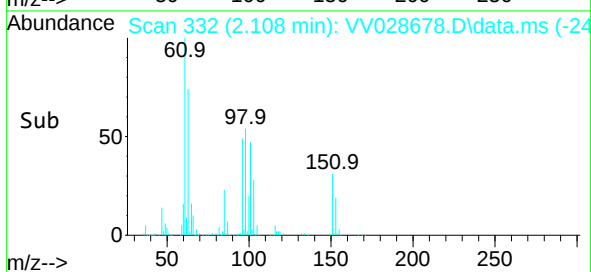
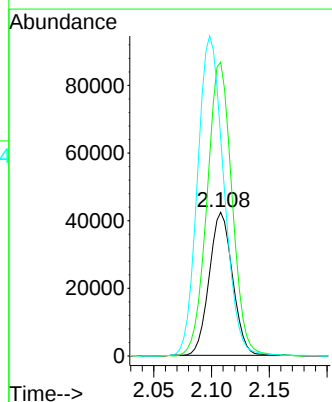
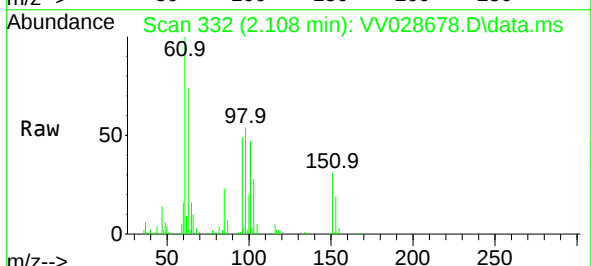


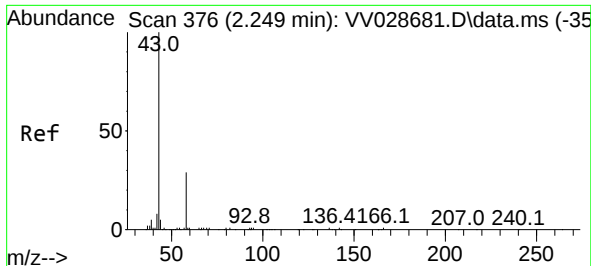
Tgt Ion:101 Resp: 68268
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.0 55.6
 151 66.4 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 5.855 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.019 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Tgt Ion: 96 Resp: 59499
 Ion Ratio Lower Upper
 96 100
 61 204.4 148.1 275.1
 63 151.9 133.3 247.7

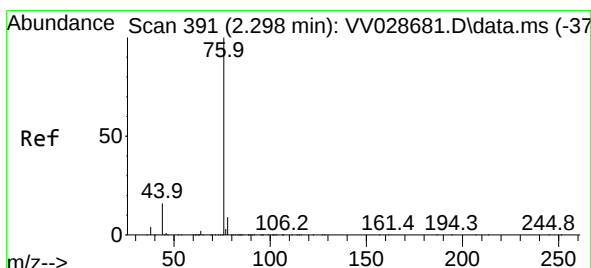
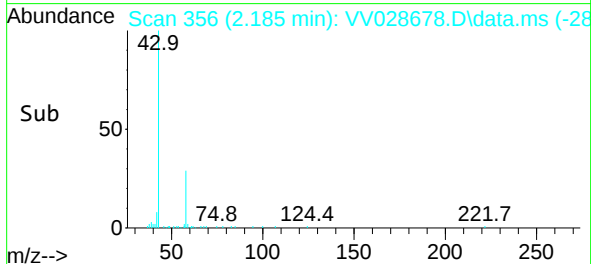
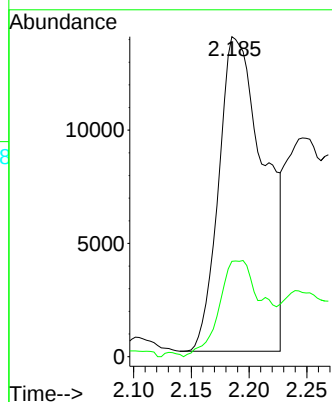
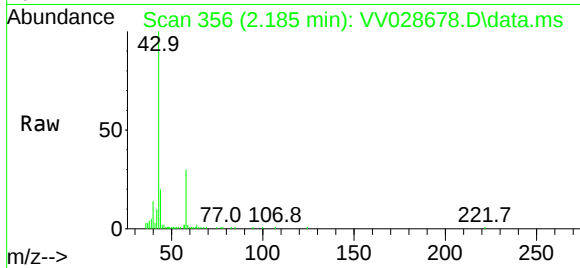




#13
Acetone
Concen: 19.545 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.064 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

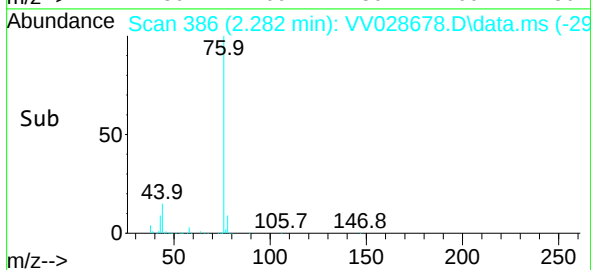
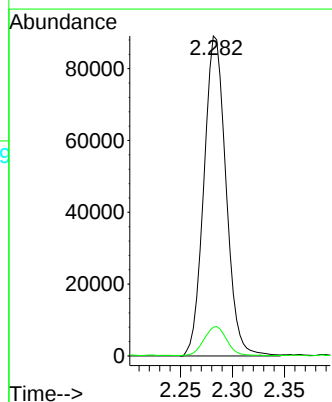
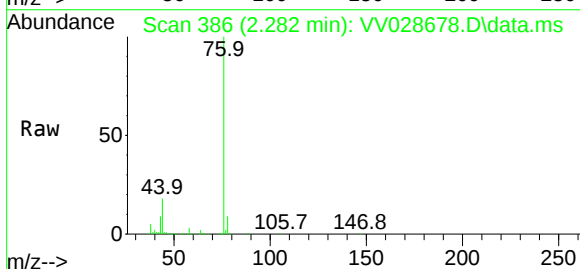
Instrument :
MSVOA_V
ClientSampleId :

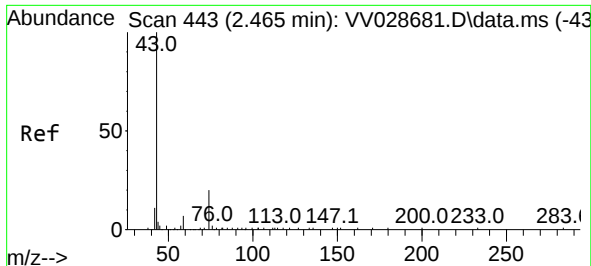
Tgt Ion: 43 Resp: 38006
Ion Ratio Lower Upper
43 100
58 24.3 0.0 50.2



#14
Carbon disulfide
Concen: 5.402 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.016 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion: 76 Resp: 131973
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

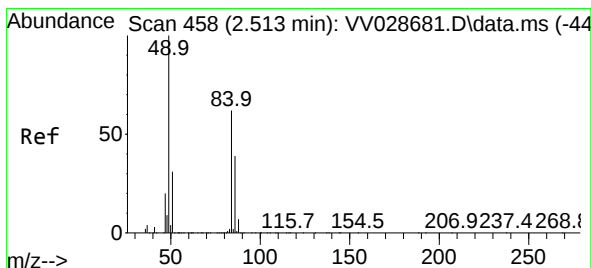
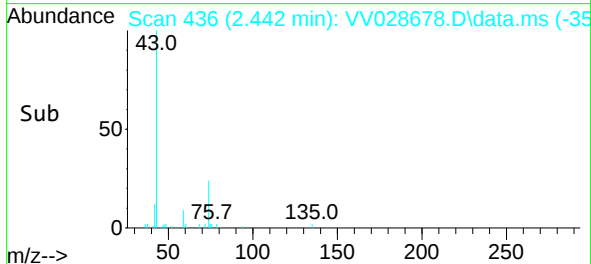
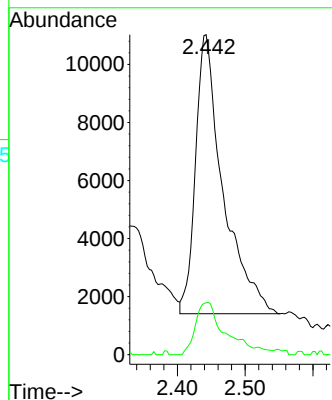
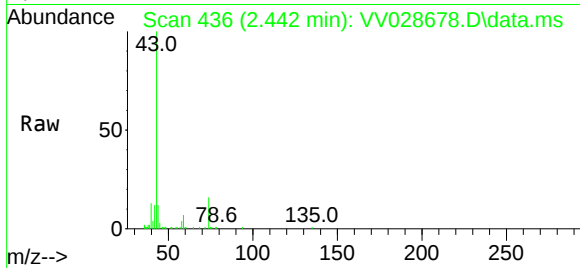




#15
Methyl Acetate
Concen: 4.683 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

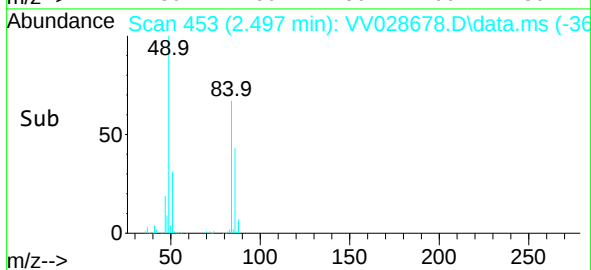
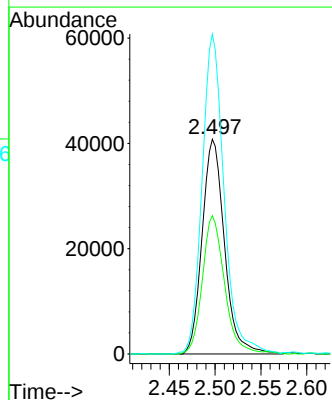
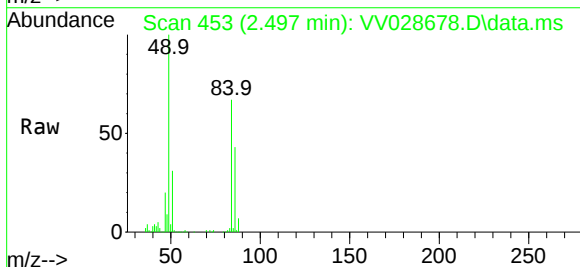
Instrument :
MSVOA_V
ClientSampleId :

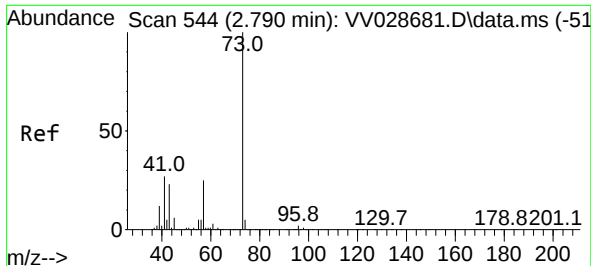
Tgt Ion: 43 Resp: 27130
Ion Ratio Lower Upper
43 100
74 19.6 14.9 22.3



#16
Methylene chloride
Concen: 4.698 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.016 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

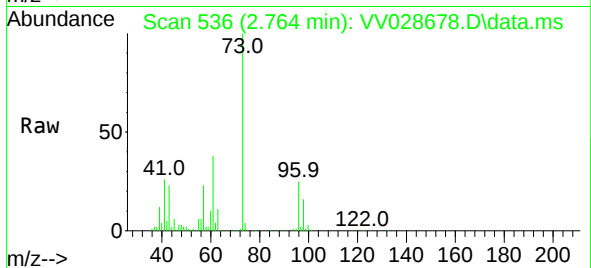
Tgt Ion: 84 Resp: 69090
Ion Ratio Lower Upper
84 100
86 64.3 44.4 82.4
49 149.0 110.8 205.8



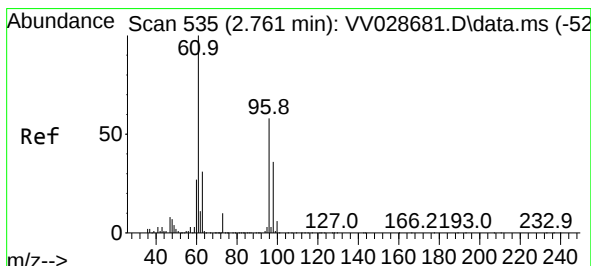
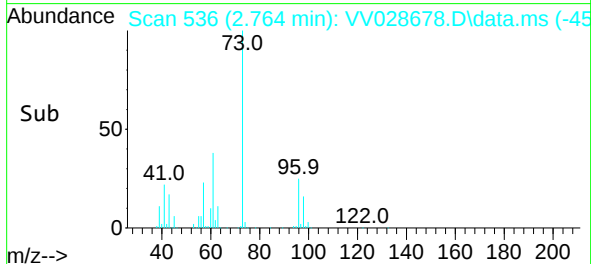
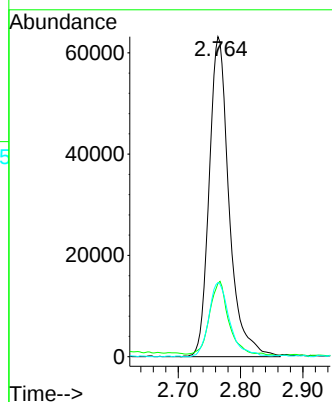


#17
Methyl tert-butyl Ether
Concen: 4.980 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :

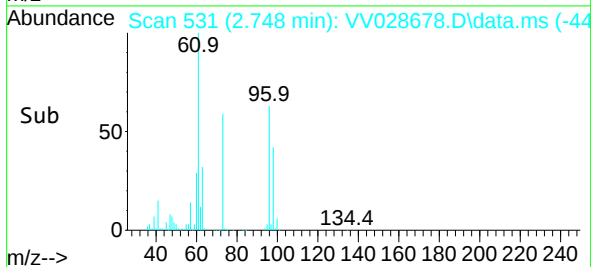
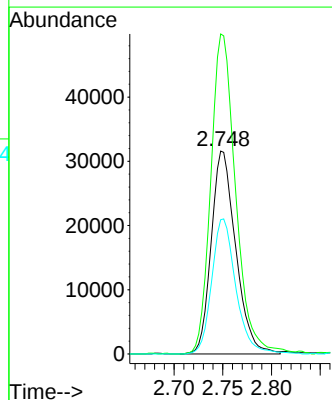
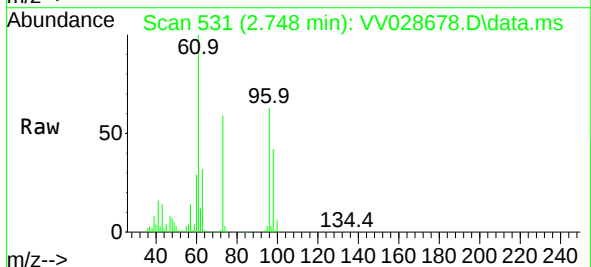


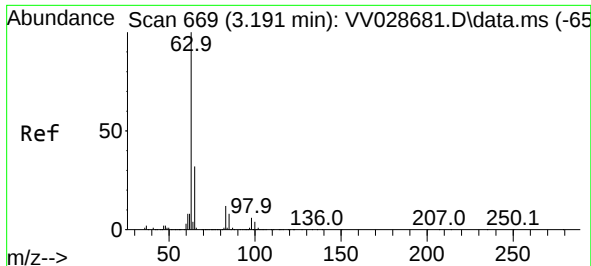
Tgt Ion: 73 Resp: 140240
Ion Ratio Lower Upper
73 100
43 21.3 18.0 27.0
57 24.4 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 5.009 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.013 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion: 96 Resp: 55355
Ion Ratio Lower Upper
96 100
61 157.7 114.3 212.3
98 66.2 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.078 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.013 min

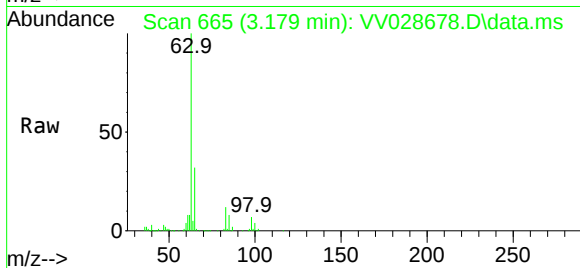
Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :



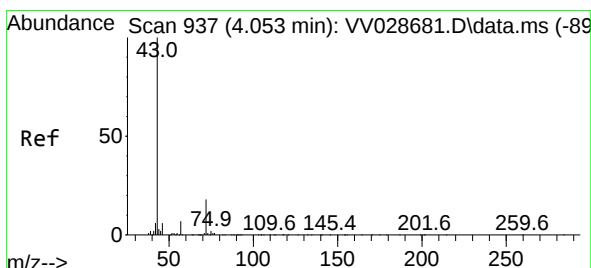
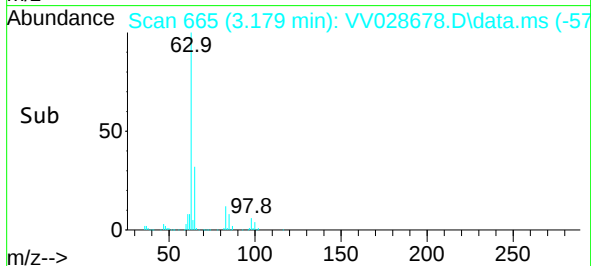
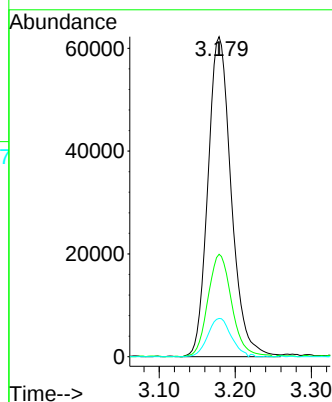
Tgt Ion: 63 Resp: 132539

Ion Ratio Lower Upper

63 100

65 32.0 23.1 42.9

83 11.9 7.9 14.7



#21

2-Butanone

Concen: 43.768 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.068 min

Lab File: VV028678.D

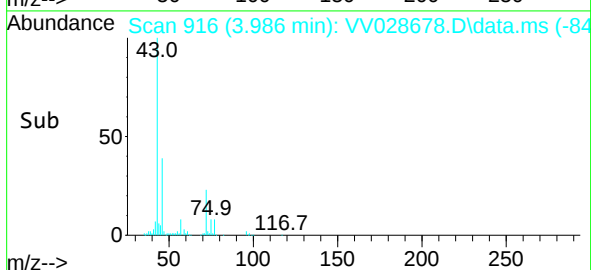
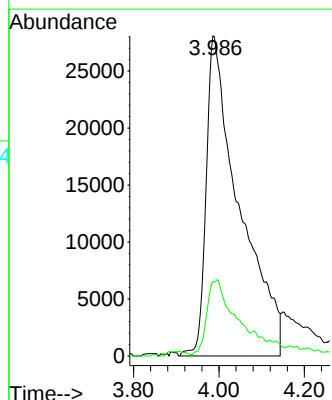
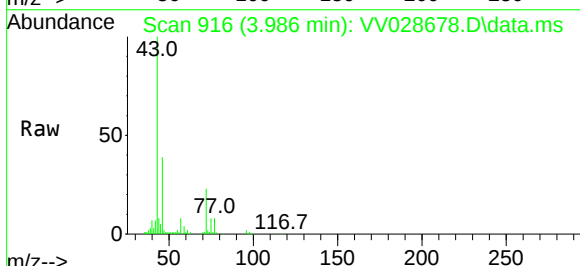
Acq: 25 Oct 2022 09:39

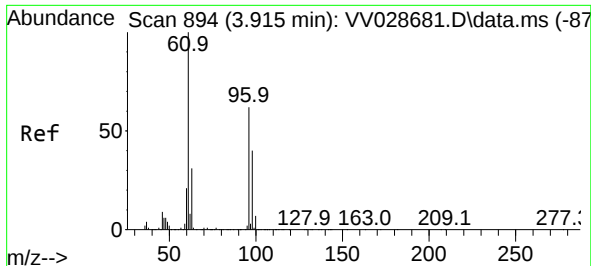
Tgt Ion: 43 Resp: 150769

Ion Ratio Lower Upper

43 100

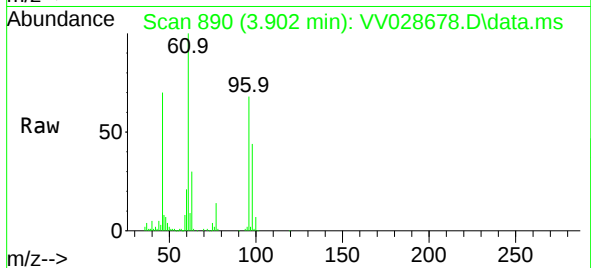
72 18.5 10.2 30.4



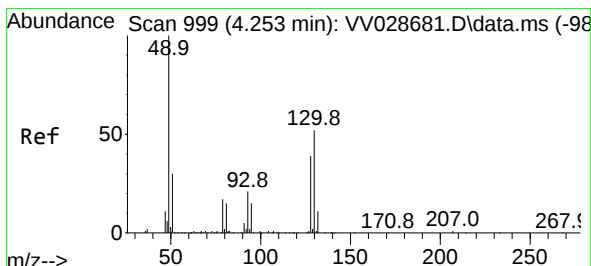
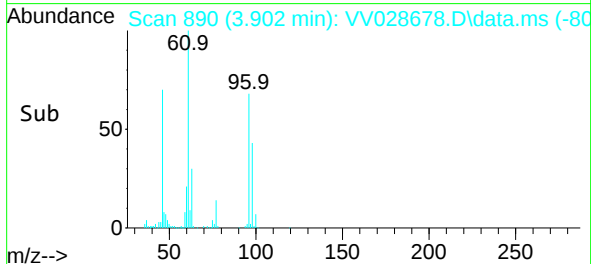
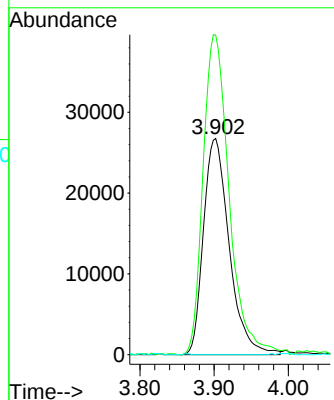


#22
 cis-1,2-Dichloroethene
 Concen: 5.032 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Instrument :
 MSVOA_V
 ClientSampleId :

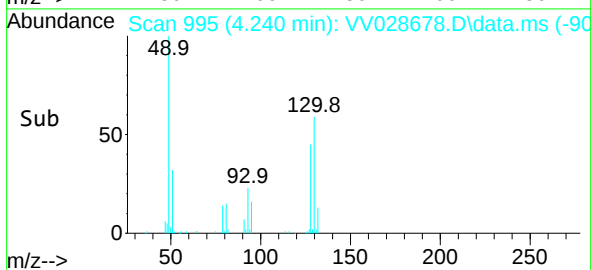
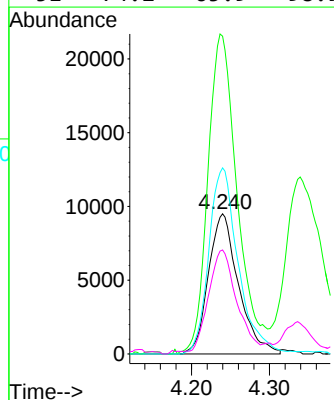
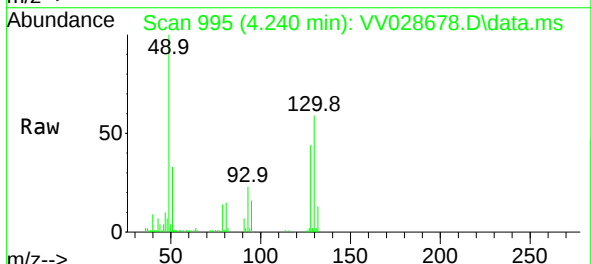


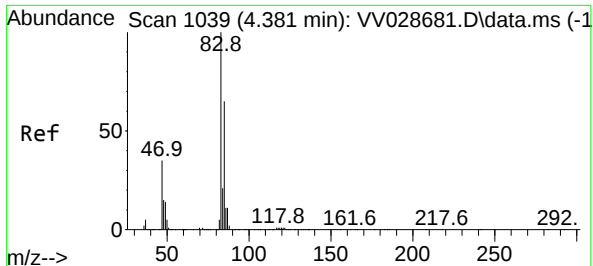
Tgt Ion: 96 Resp: 64545
 Ion Ratio Lower Upper
 96 100
 61 147.8 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 5.395 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.013 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Tgt Ion: 128 Resp: 25427
 Ion Ratio Lower Upper
 128 100
 49 226.8 171.1 317.7
 130 132.8 86.4 160.4
 51 74.2 65.9 98.9





#25

Chloroform

Concen: 5.341 ug/L

RT: 4.362 min Scan# 1039

Delta R.T. -0.019 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

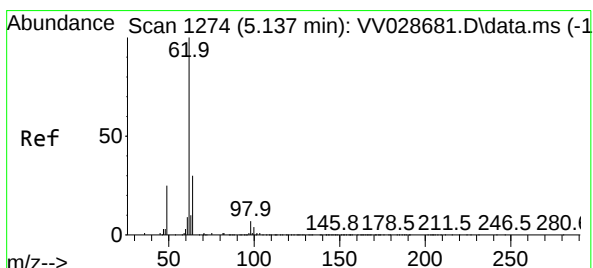
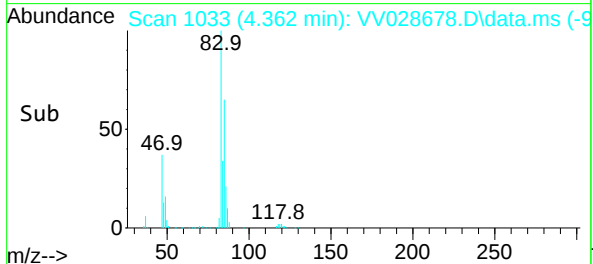
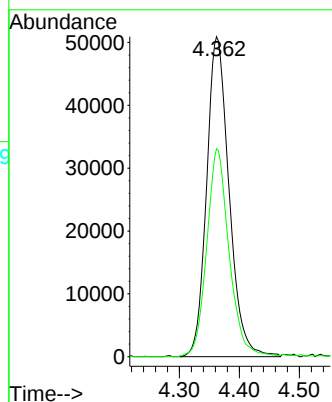
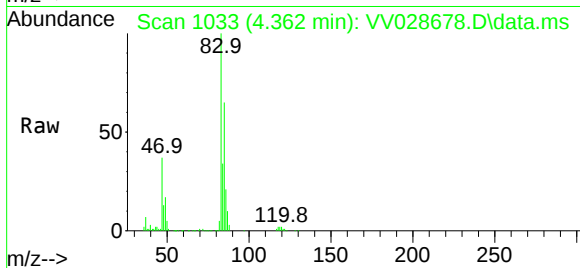
ClientSampleId :

Tgt Ion: 83 Resp: 132473

Ion Ratio Lower Upper

83 100

85 65.0 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.767 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.013 min

Lab File: VV028678.D

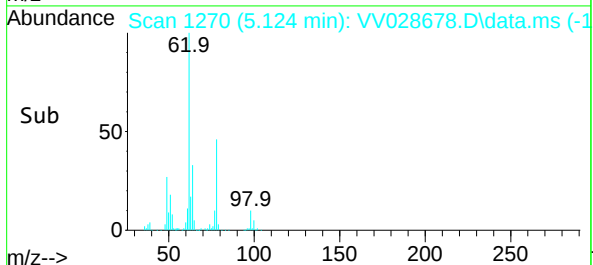
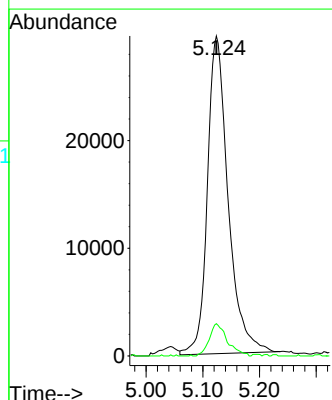
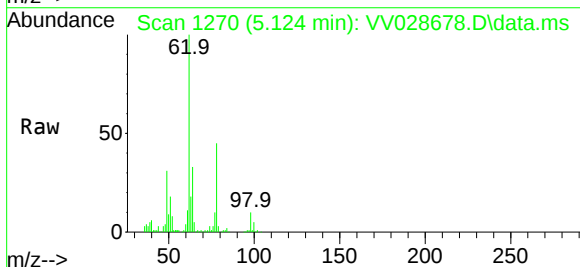
Acq: 25 Oct 2022 09:39

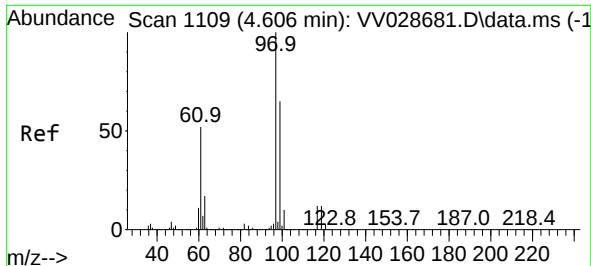
Tgt Ion: 62 Resp: 75007

Ion Ratio Lower Upper

62 100

98 10.1 6.6 9.8#





#29

1,1,1-Trichloroethane

Concen: 3.951 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.013 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

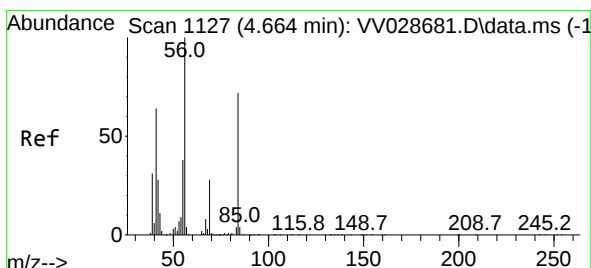
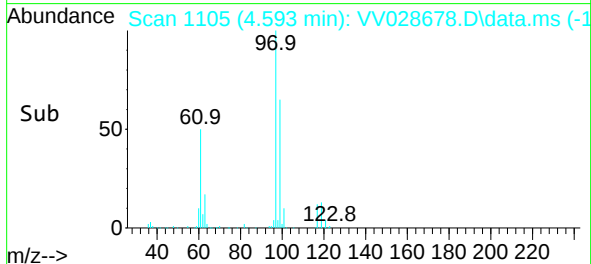
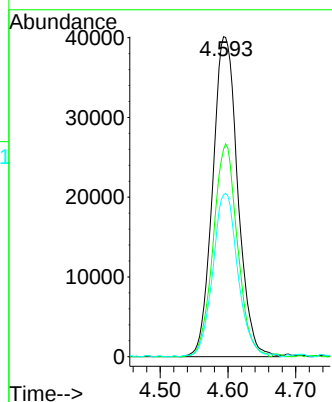
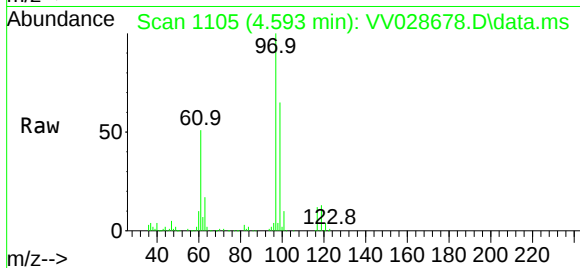
Tgt Ion: 97 Resp: 103095

Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 51.2 43.1 64.7



#30

Cyclohexane

Concen: 3.676 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

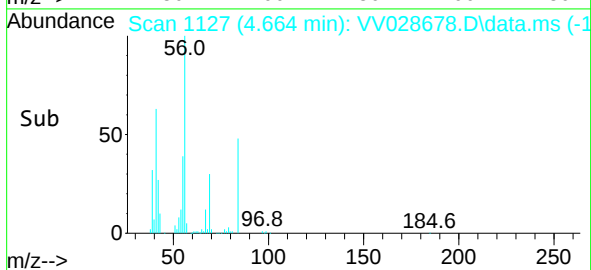
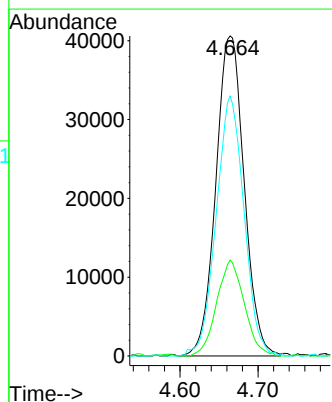
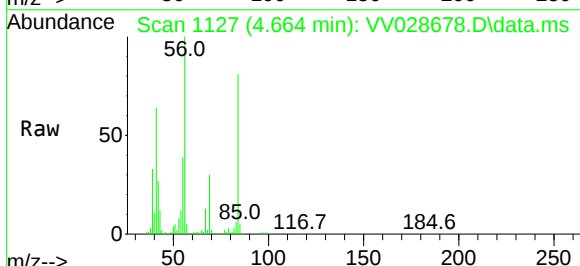
Tgt Ion: 56 Resp: 102598

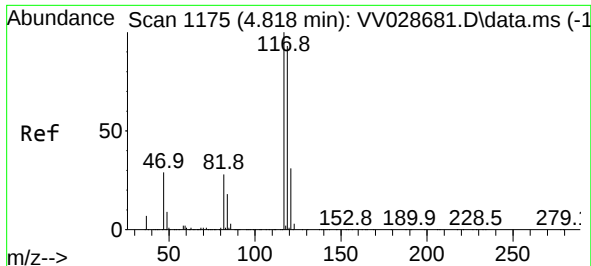
Ion Ratio Lower Upper

56 100

69 29.1 22.6 34.0

84 79.9 60.4 90.6

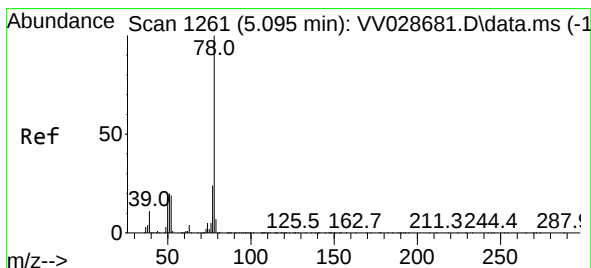
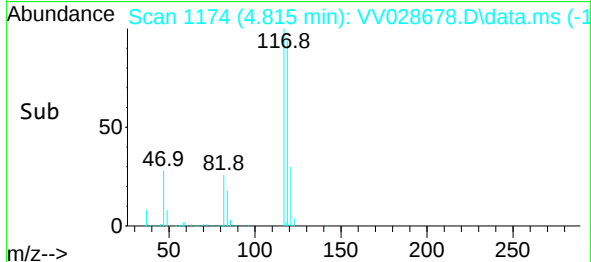
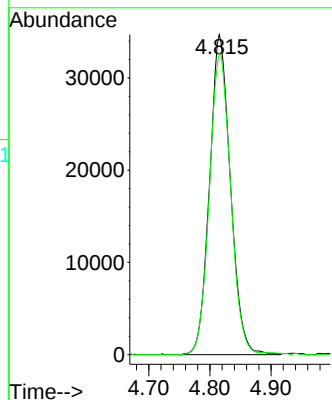
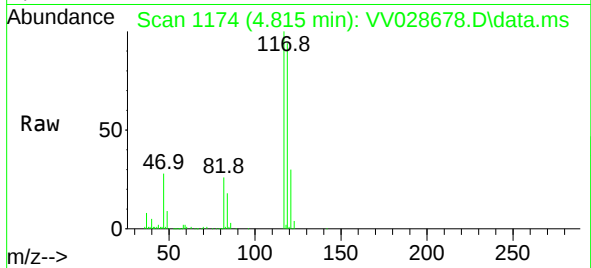




#31
Carbon tetrachloride
Concen: 4.241 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

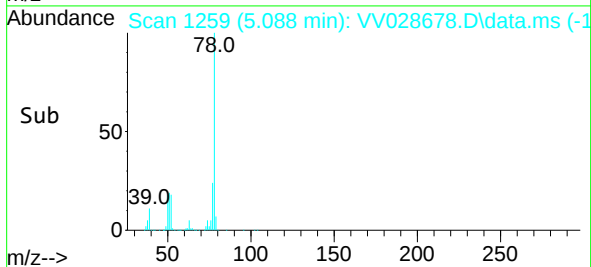
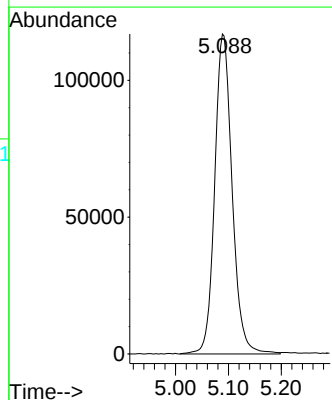
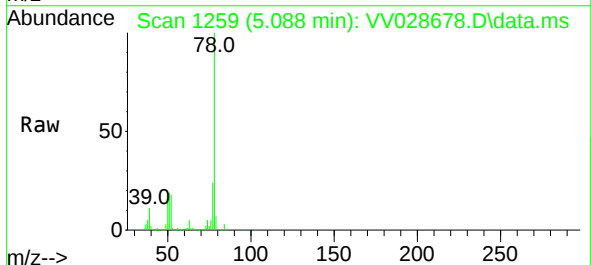
Instrument :
MSVOA_V
ClientSampleId :

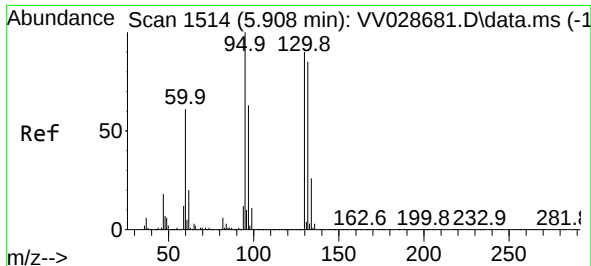
Tgt Ion:117 Resp: 82341
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1



#33
Benzene
Concen: 3.854 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

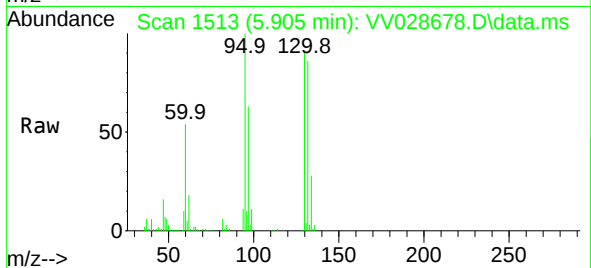
Tgt Ion: 78 Resp: 268389



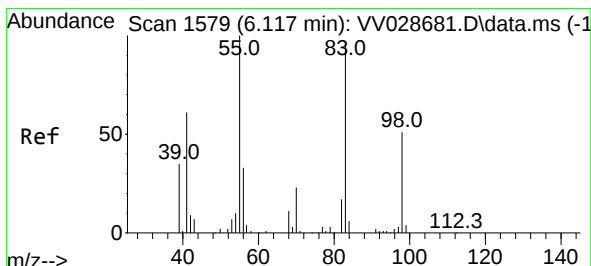
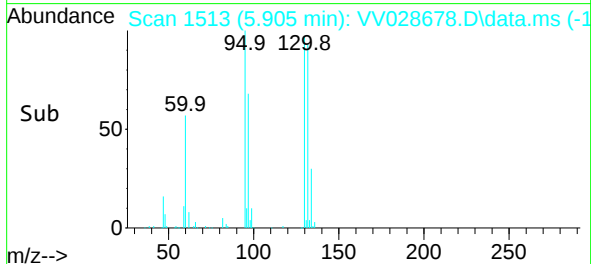
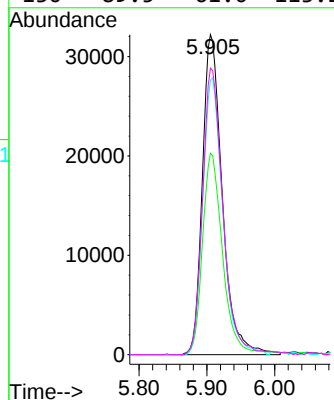


#34
Trichloroethene
Concen: 4.122 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :

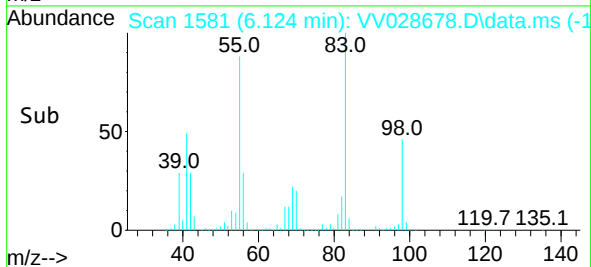
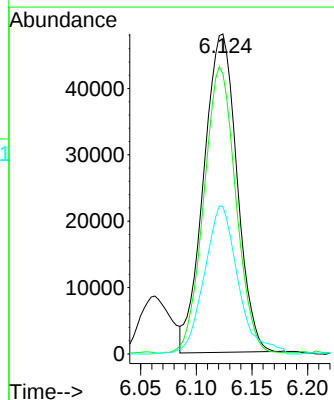
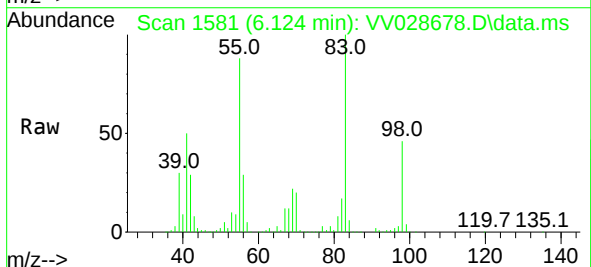


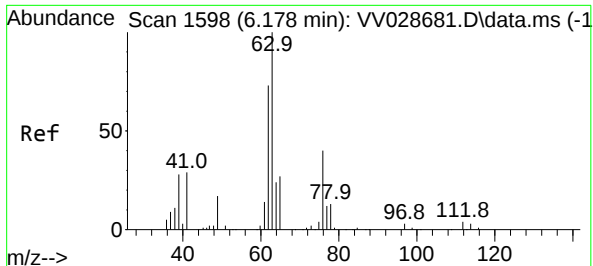
Tgt Ion: 95 Resp: 65672
Ion Ratio Lower Upper
95 100
97 62.9 43.5 80.9
132 85.8 56.5 104.9
130 89.5 61.0 113.2



#35
Methylcyclohexane
Concen: 4.211 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion: 83 Resp: 99509
Ion Ratio Lower Upper
83 100
55 86.7 70.0 105.0
98 47.3 35.6 53.4





#37

1,2-Dichloropropane

Concen: 4.070 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

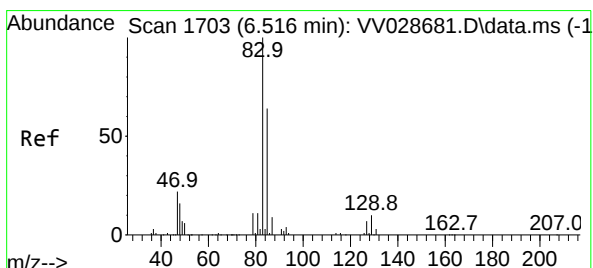
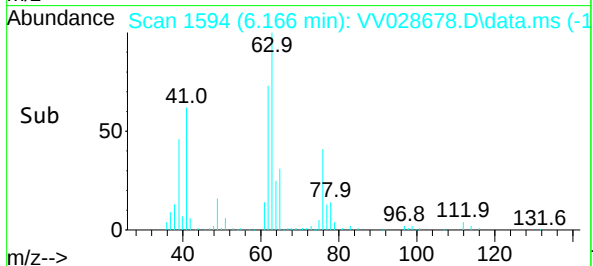
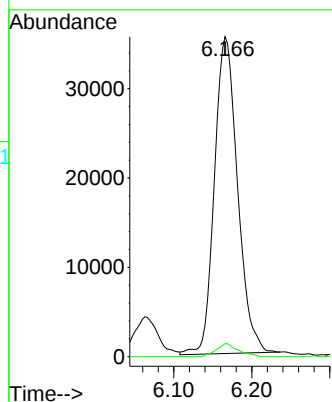
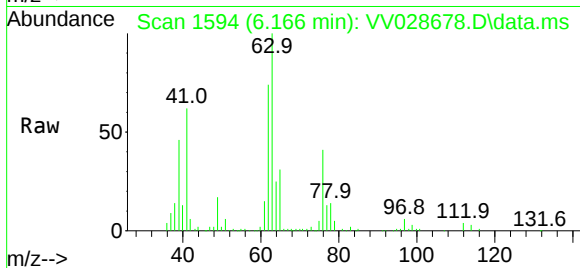
ClientSampleId :

Tgt Ion: 63 Resp: 73203

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 4.992 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.013 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

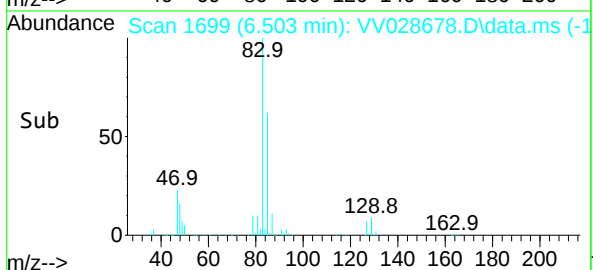
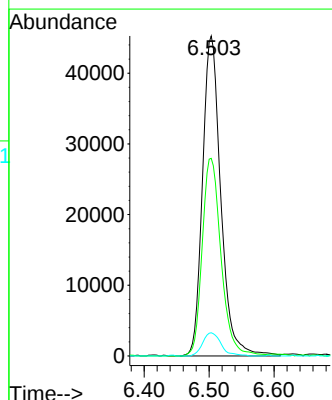
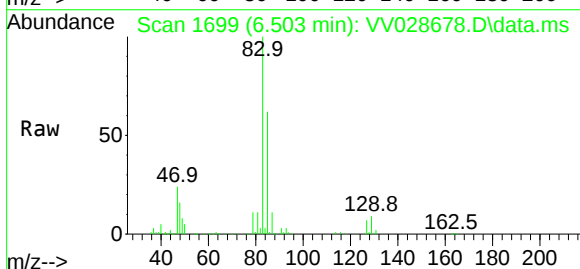
Tgt Ion: 83 Resp: 88902

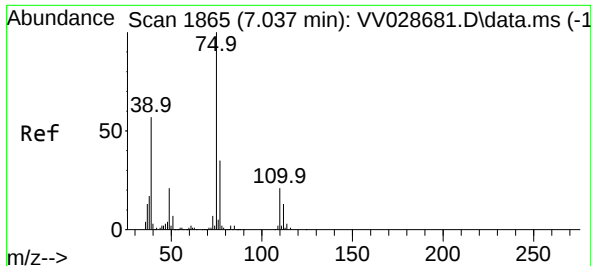
Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

127 7.2 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 4.892 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

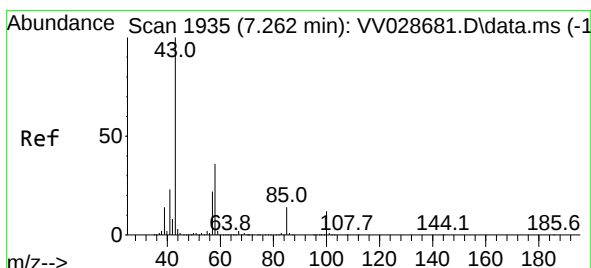
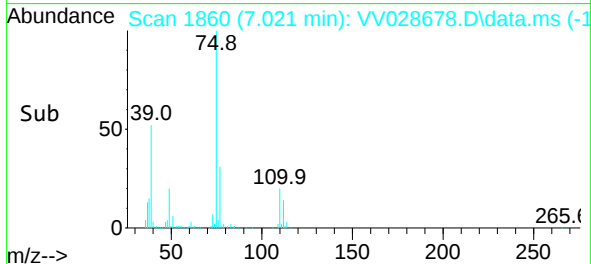
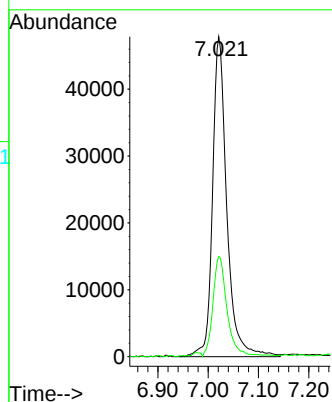
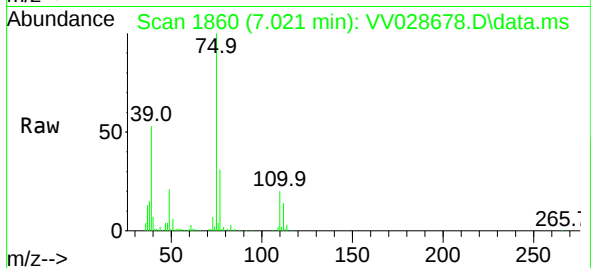
ClientSampleId :

Tgt Ion: 75 Resp: 94084

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.750 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.039 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

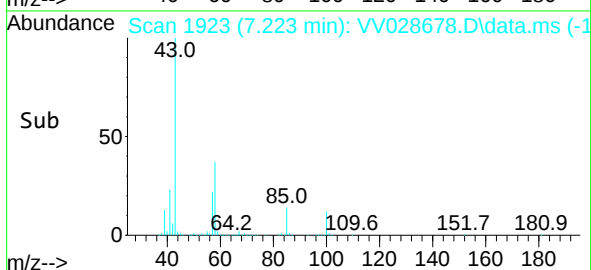
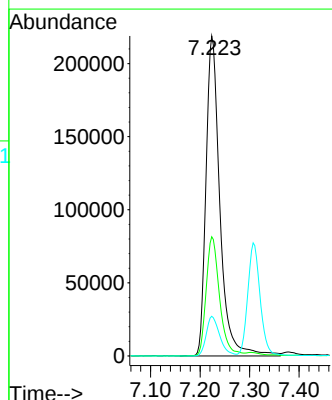
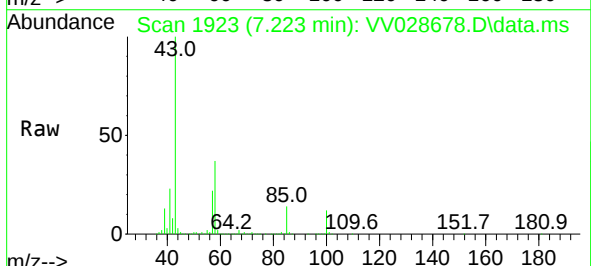
Tgt Ion: 43 Resp: 426065

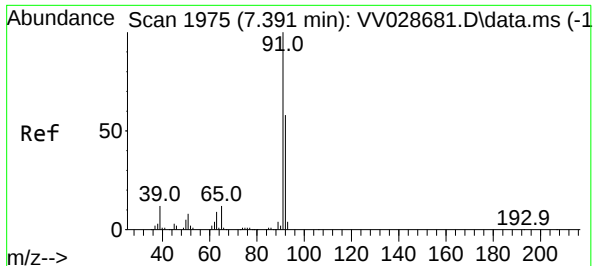
Ion Ratio Lower Upper

43 100

58 36.1 29.6 44.4

100 12.0 9.4 14.0





#42

Toluene

Concen: 4.782 ug/L

RT: 7.381 min Scan# 1975

Delta R.T. -0.010 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

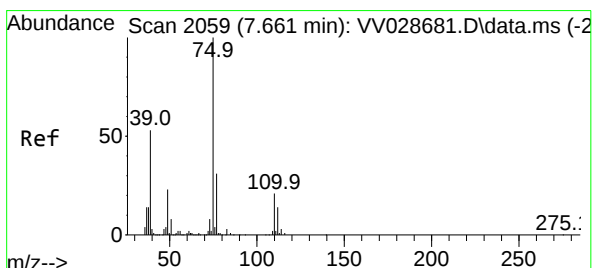
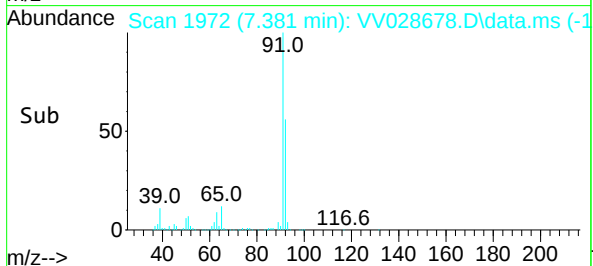
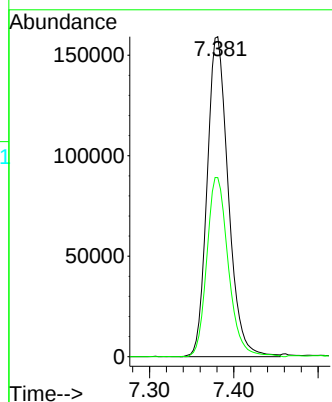
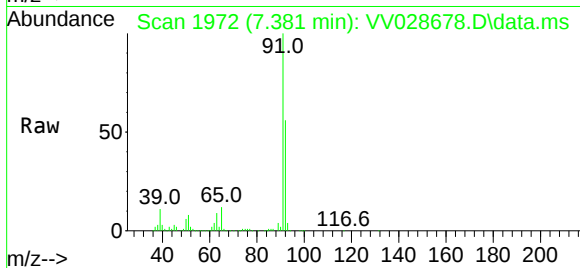
ClientSampleId :

Tgt Ion: 91 Resp: 278131

Ion Ratio Lower Upper

91 100

92 56.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.261 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.016 min

Lab File: VV028678.D

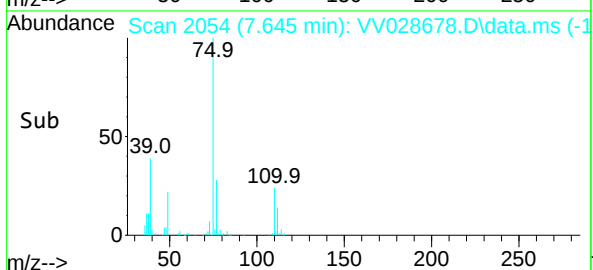
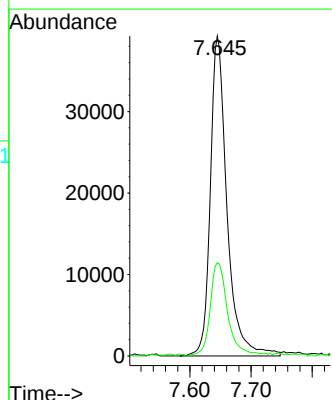
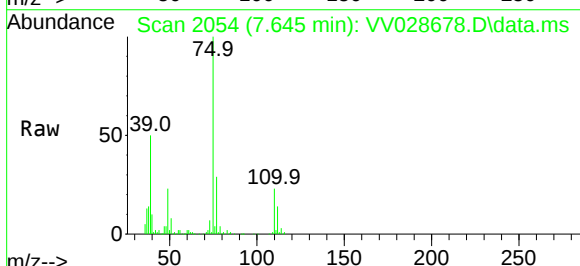
Acq: 25 Oct 2022 09:39

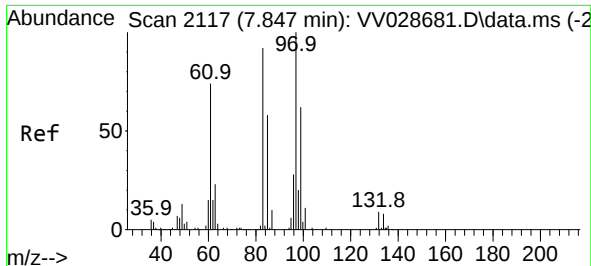
Tgt Ion: 75 Resp: 74245

Ion Ratio Lower Upper

75 100

77 29.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 4.741 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.016 min

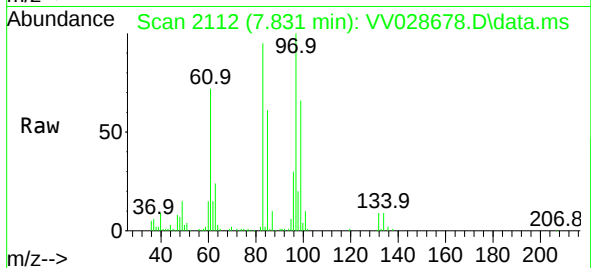
Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 42706

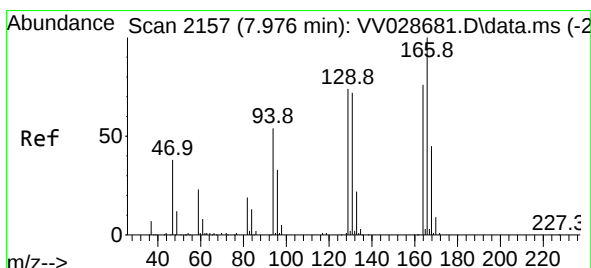
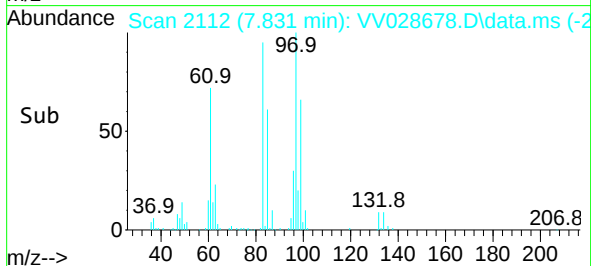
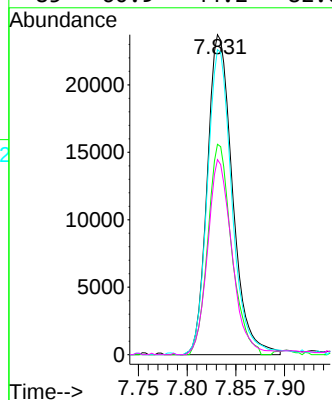
Ion Ratio Lower Upper

97 100

99 65.8 44.0 81.6

83 95.3 66.2 123.0

85 60.9 44.2 82.0



#47

Tetrachloroethene

Concen: 4.983 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.010 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Tgt Ion: 164 Resp: 43615

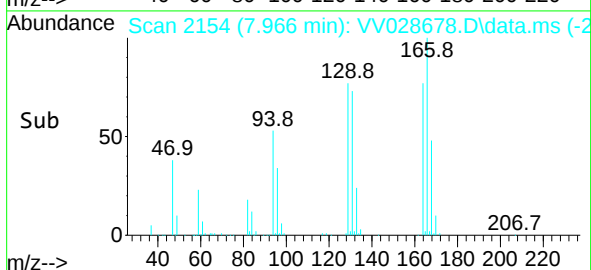
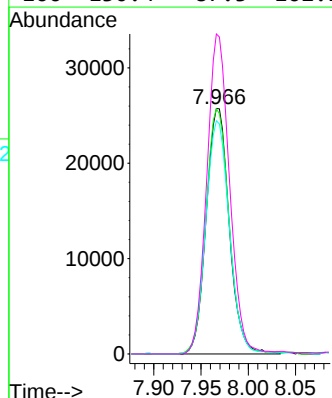
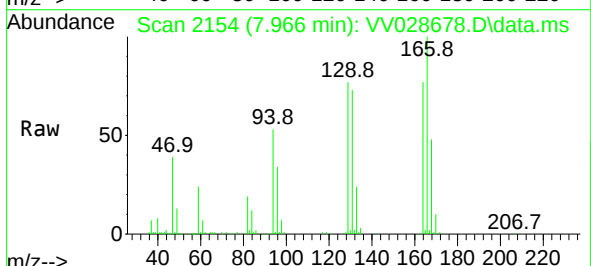
Ion Ratio Lower Upper

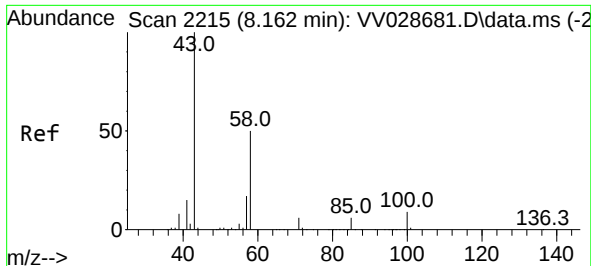
164 100

129 99.9 69.2 128.6

131 95.0 64.2 119.2

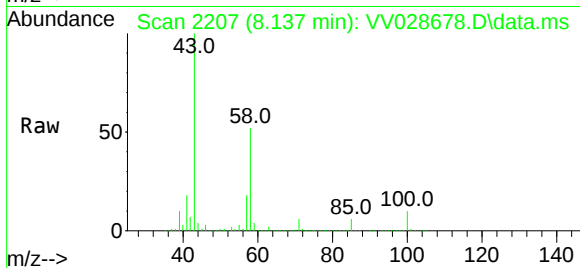
166 130.4 87.3 162.1



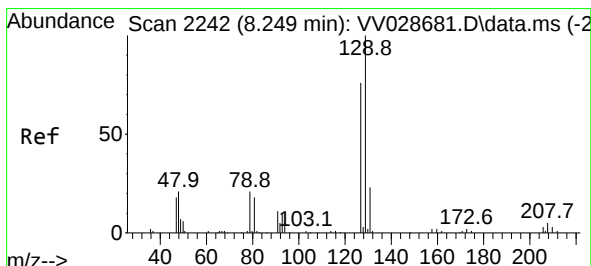
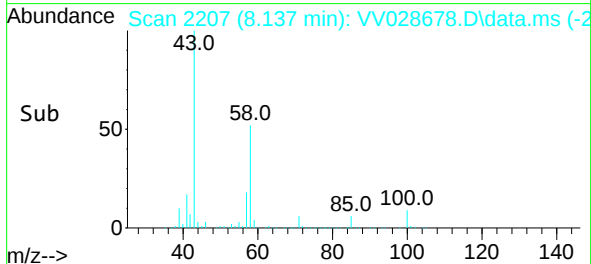
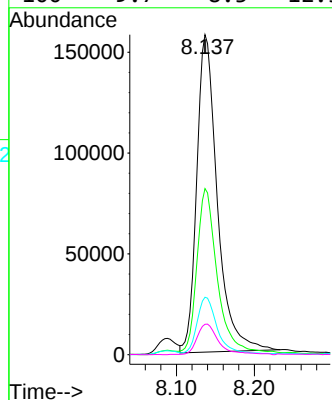


#48
2-Hexanone
Concen: 49.659 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :

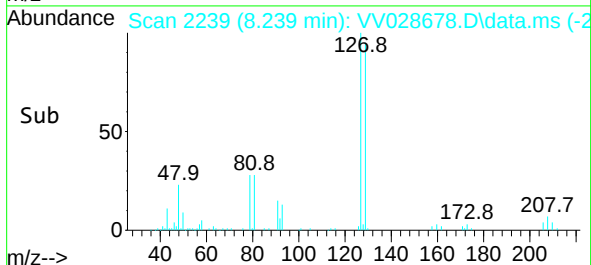
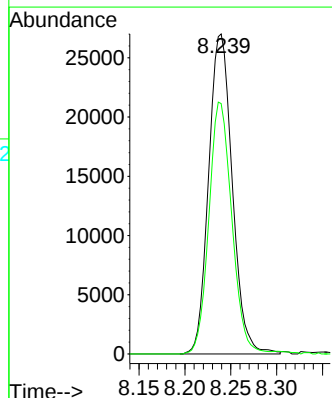
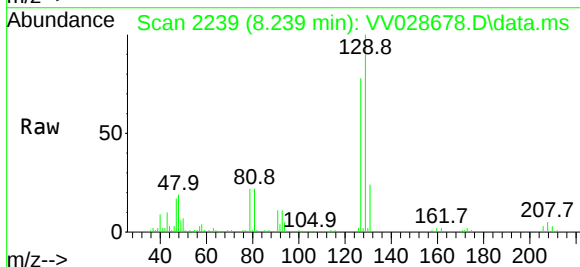


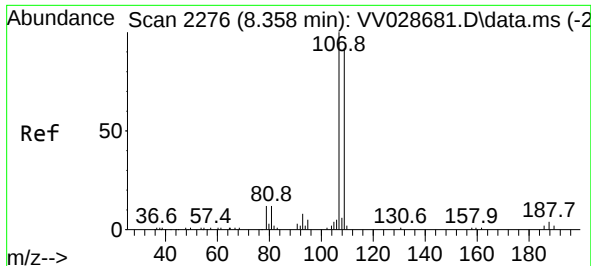
Tgt Ion: 43 Resp: 289263
Ion Ratio Lower Upper
43 100
58 51.3 40.6 60.8
57 17.4 13.8 20.8
100 9.7 8.3 12.5



#49
Dibromochloromethane
Concen: 5.758 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.010 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

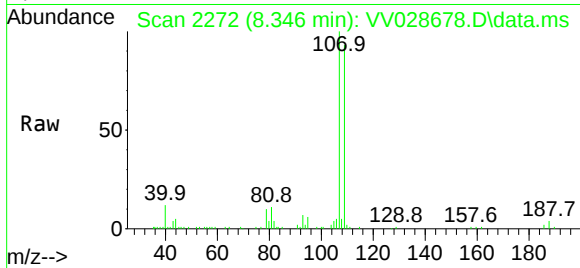
Tgt Ion: 129 Resp: 48453
Ion Ratio Lower Upper
129 100
127 78.3 51.6 95.8



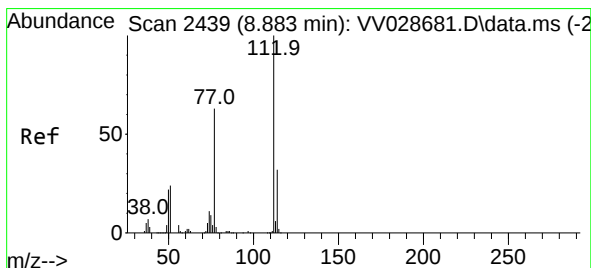
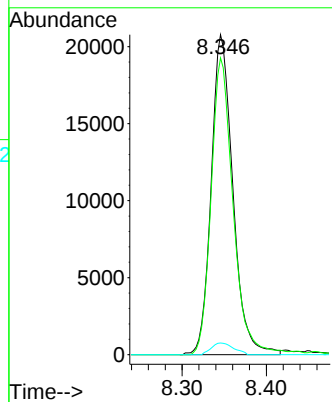
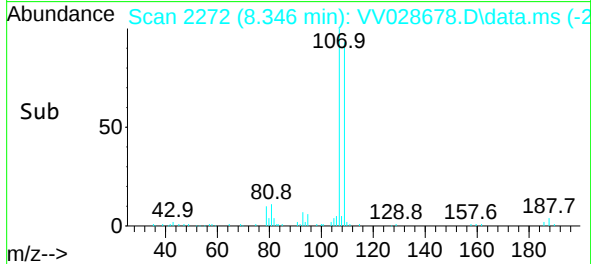


#50
 1,2-Dibromoethane
 Concen: 4.846 ug/L
 RT: 8.346 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Instrument :
 MSVOA_V
 ClientSampleId :

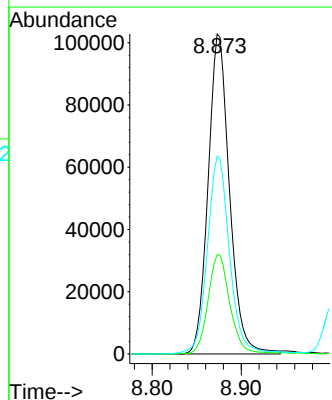
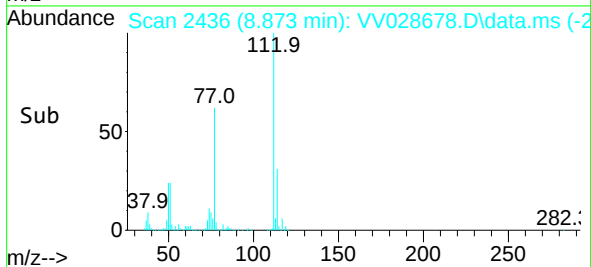
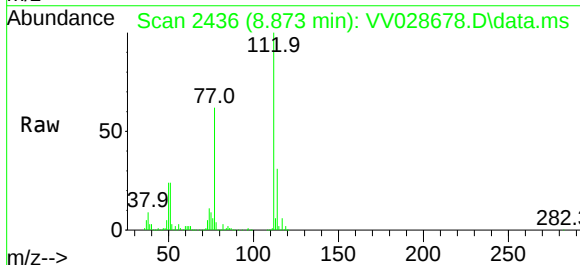


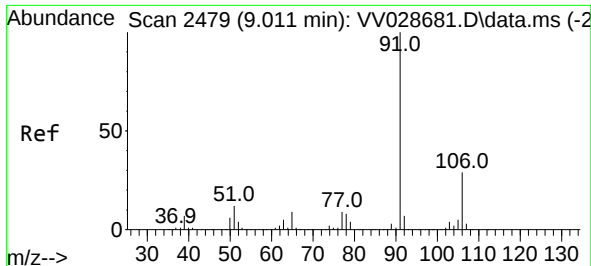
Tgt Ion:107 Resp: 37155
 Ion Ratio Lower Upper
 107 100
 109 92.8 64.0 118.8
 188 3.6 2.9 4.3



#51
 Chlorobenzene
 Concen: 5.018 ug/L
 RT: 8.873 min Scan# 2436
 Delta R.T. -0.010 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Tgt Ion:112 Resp: 171149
 Ion Ratio Lower Upper
 112 100
 114 31.0 22.0 41.0
 77 61.9 50.0 75.0





#52

Ethylbenzene

Concen: 4.959 ug/L

RT: 9.005 min Scan# 24

Delta R.T. -0.006 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

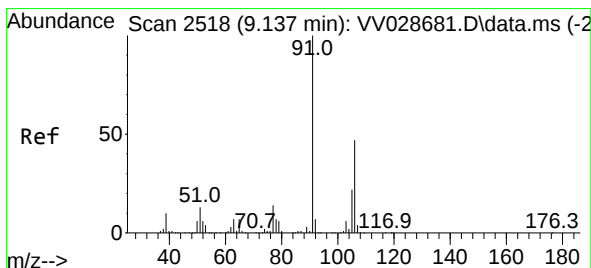
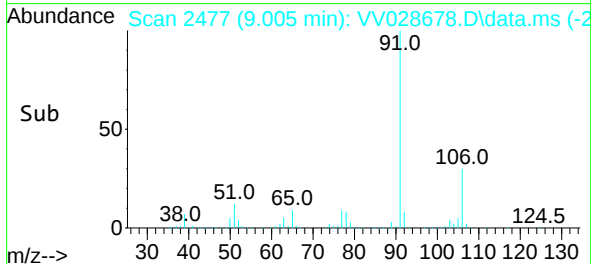
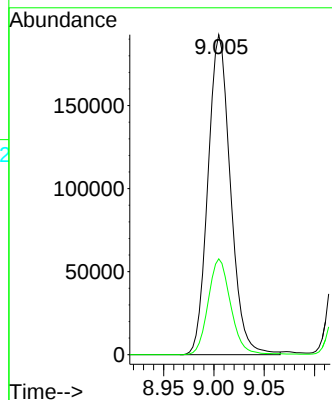
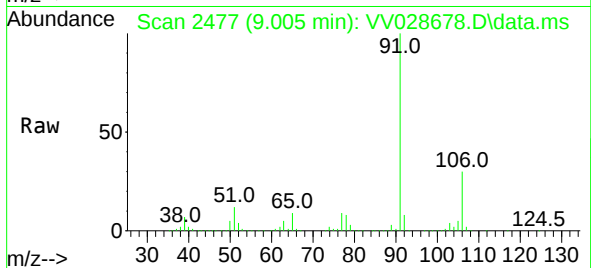
ClientSampleId :

Tgt Ion: 91 Resp: 299951

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.6



#53

m,p-Xylene

Concen: 4.901 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.006 min

Lab File: VV028678.D

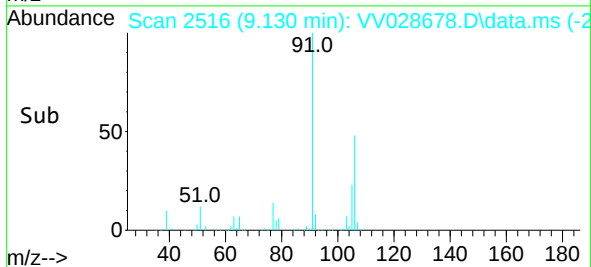
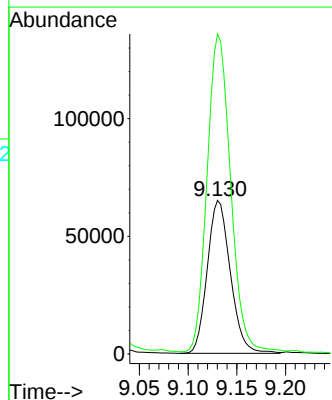
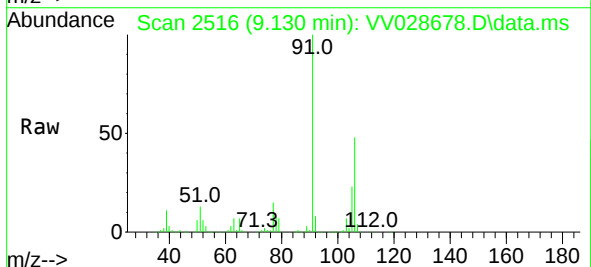
Acq: 25 Oct 2022 09:39

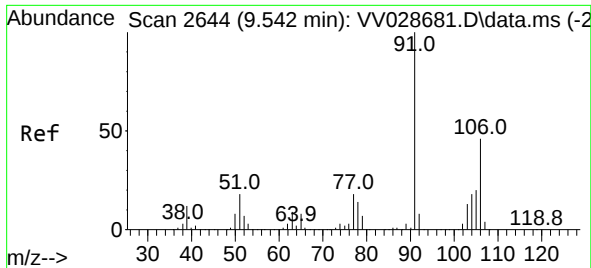
Tgt Ion: 106 Resp: 107144

Ion Ratio Lower Upper

106 100

91 208.4 145.5 270.1

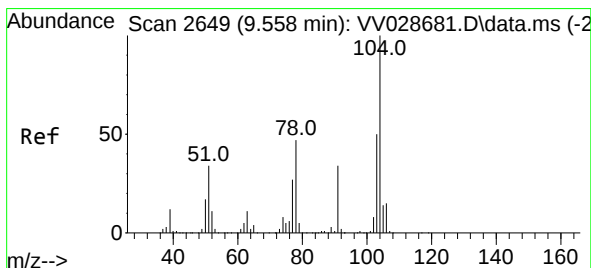
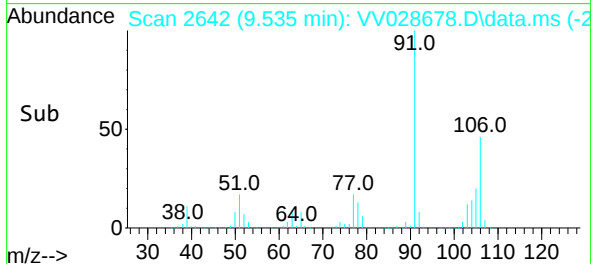
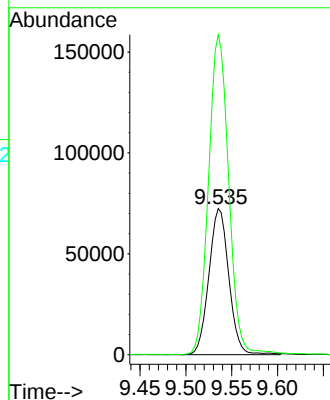
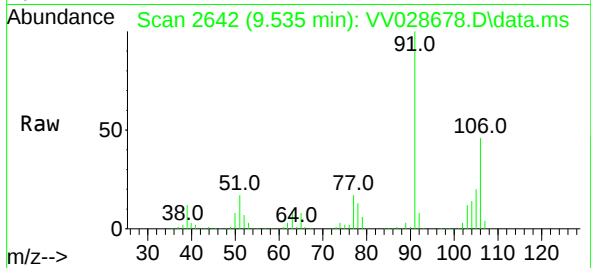




#54
o-Xylene
Concen: 5.006 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.006 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

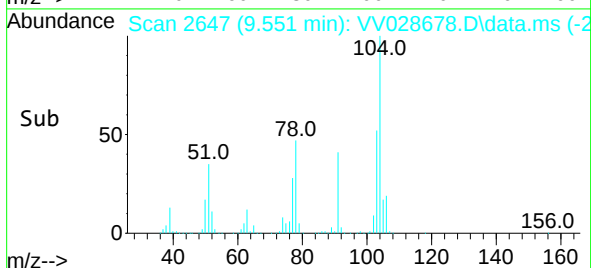
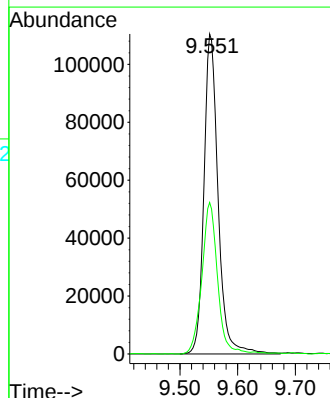
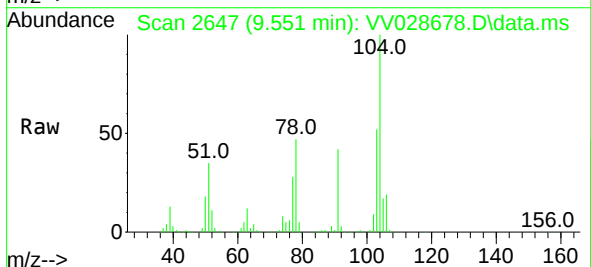
Instrument :
MSVOA_V
ClientSampleId :

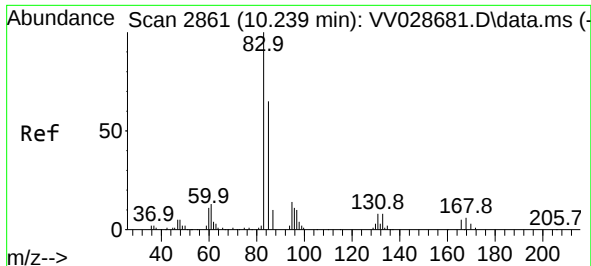
Tgt Ion:106 Resp: 109630
Ion Ratio Lower Upper
106 100
91 219.0 159.0 295.4



#55
Styrene
Concen: 5.048 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.006 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion:104 Resp: 187932
Ion Ratio Lower Upper
104 100
78 47.3 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.107 ug/L

RT: 10.233 min Scan# 2861

Delta R.T. -0.006 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

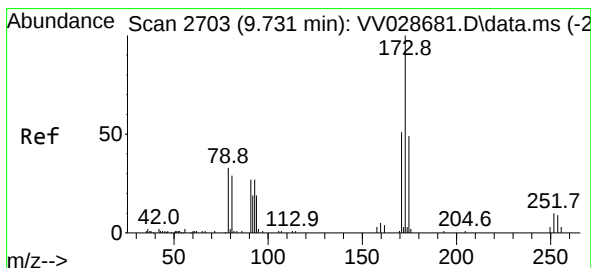
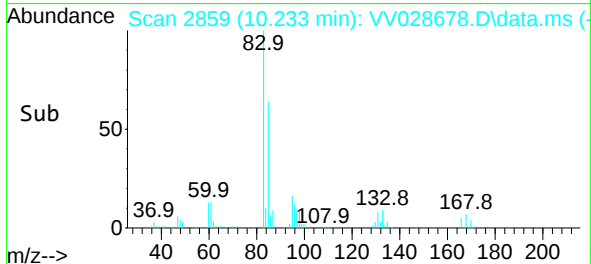
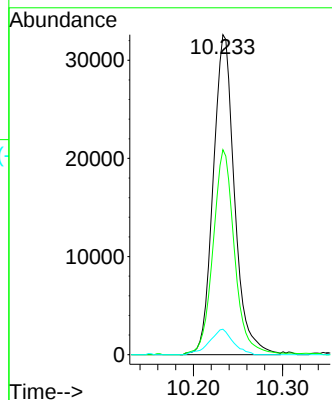
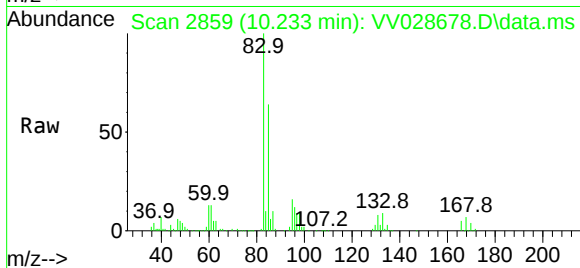
Tgt Ion: 83 Resp: 54142

Ion Ratio Lower Upper

83 100

85 64.1 43.0 80.0

131 7.9 6.5 9.7



#59

Bromoform

Concen: 6.135 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.006 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

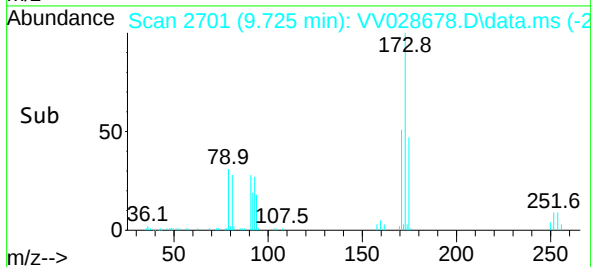
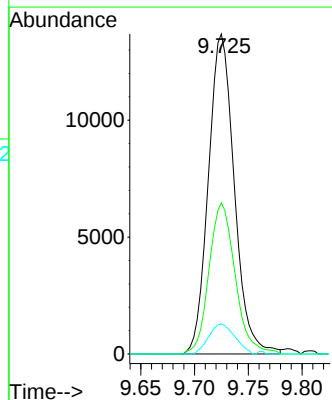
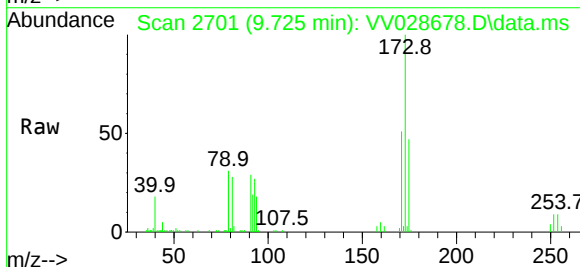
Tgt Ion: 173 Resp: 22954

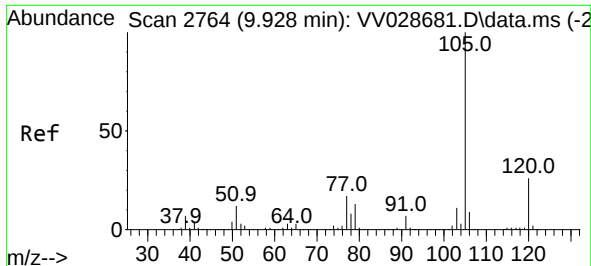
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

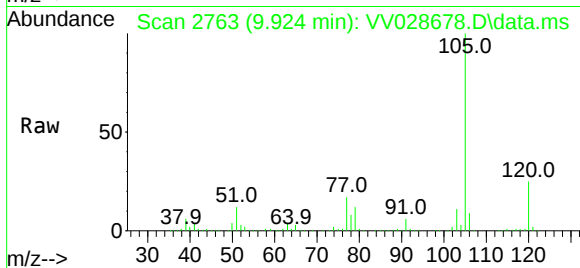
254 9.5 7.3 10.9



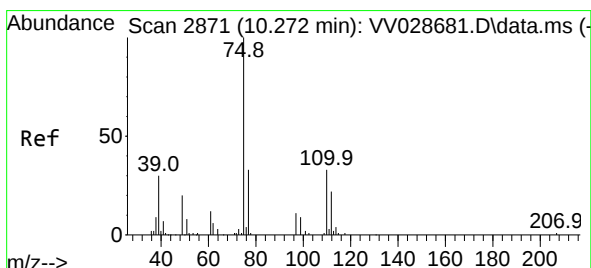
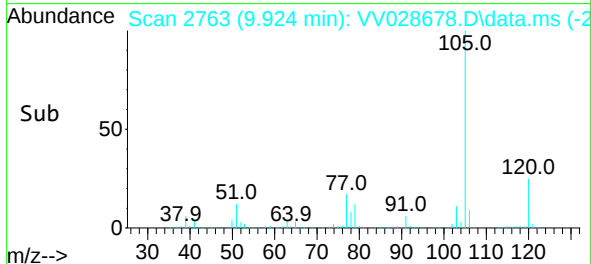
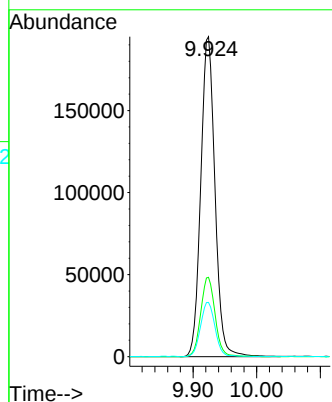


#60
Isopropylbenzene
Concen: 4.927 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :

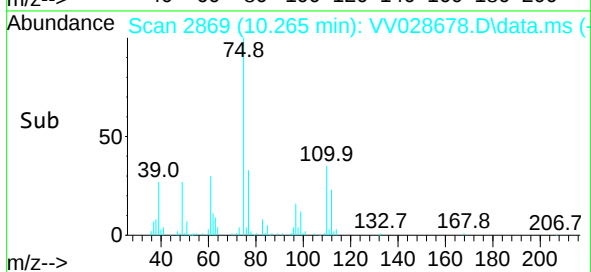
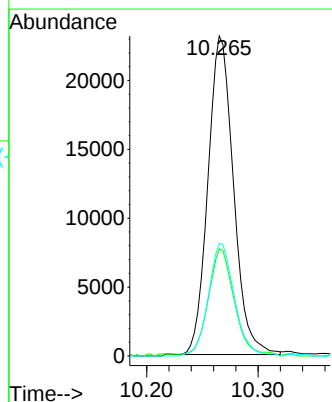
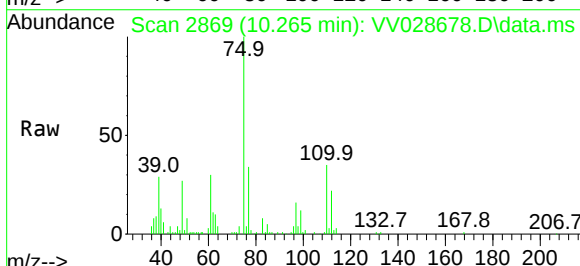


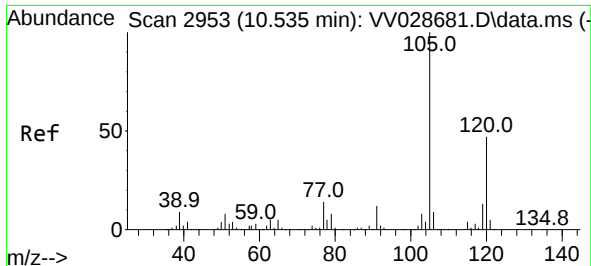
Tgt Ion:105 Resp: 302612
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.609 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.006 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8
110 35.8 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 4.777 ug/L

RT: 10.532 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

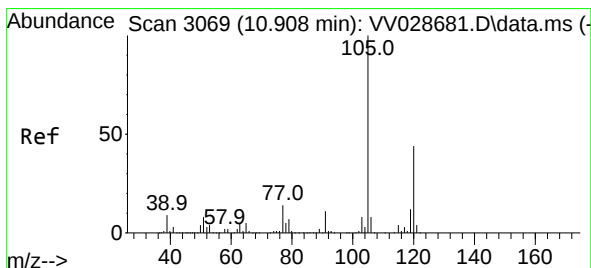
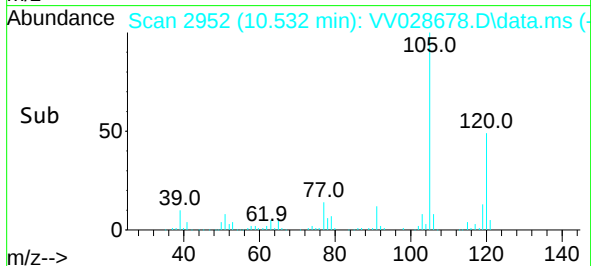
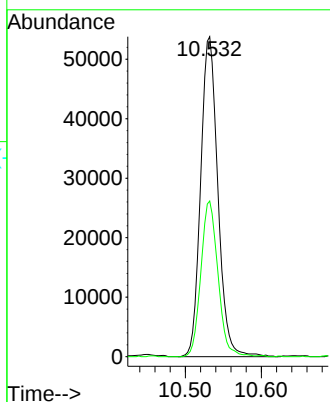
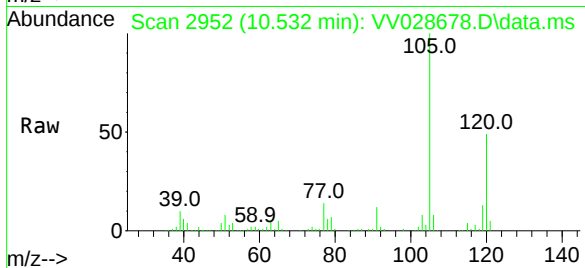
ClientSampleId :

Tgt Ion:105 Resp: 84580

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.022 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028678.D

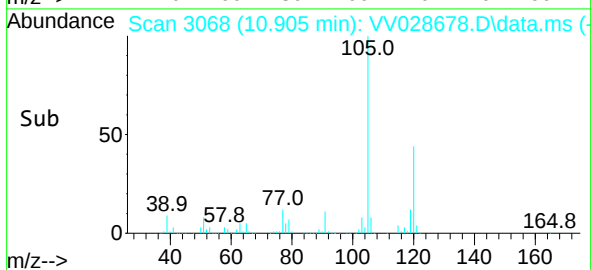
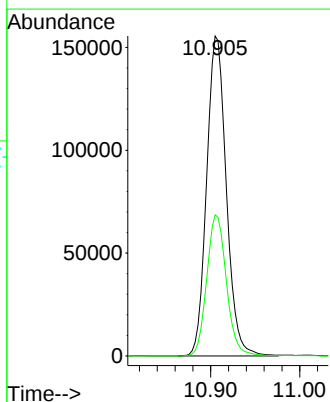
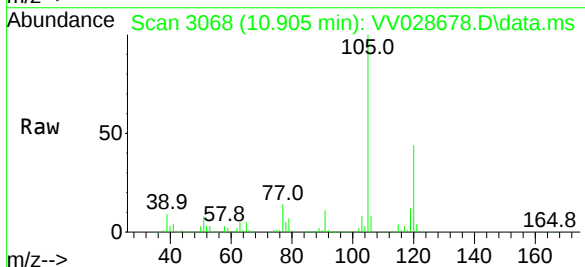
Acq: 25 Oct 2022 09:39

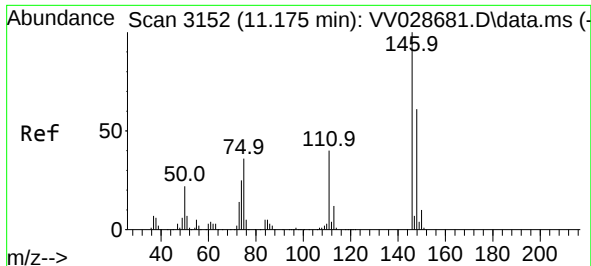
Tgt Ion:105 Resp: 238564

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.2

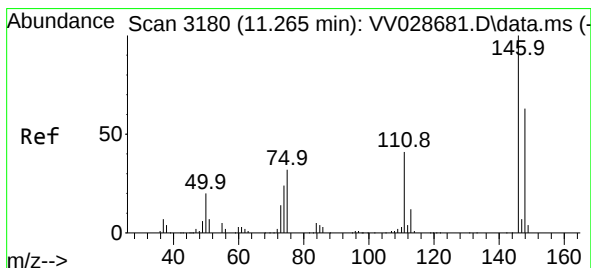
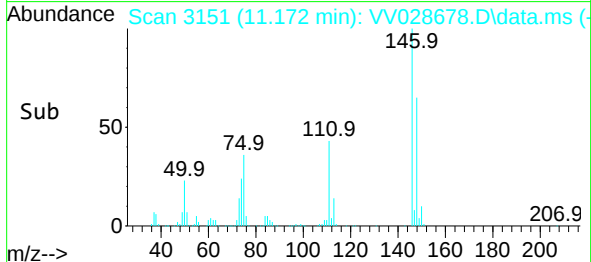
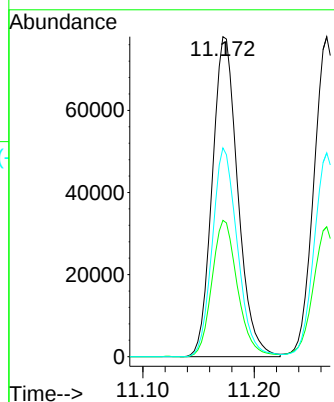
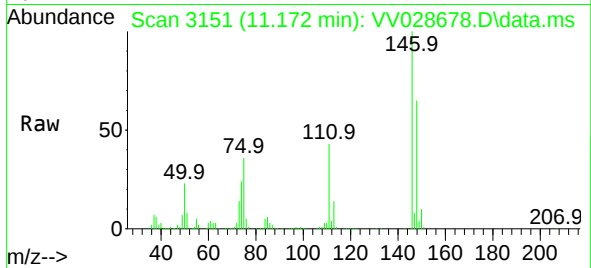




#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

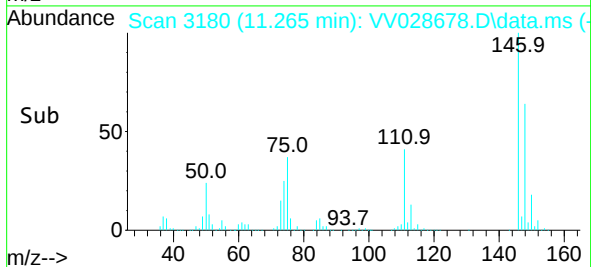
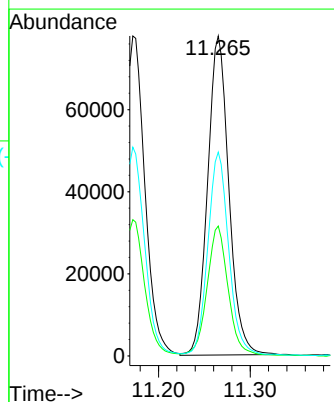
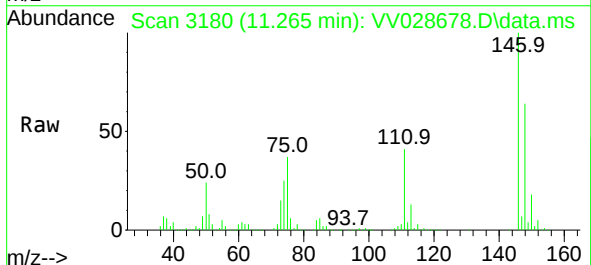
Instrument :
MSVOA_V
ClientSampleId :

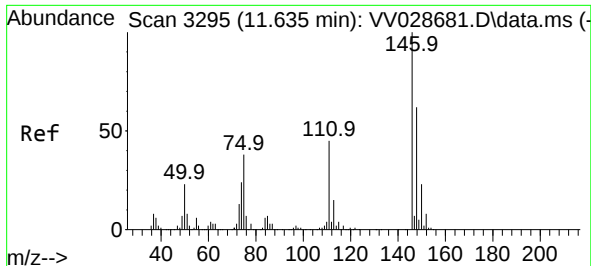
Tgt Ion:146 Resp: 124374
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.9
148 65.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion:146 Resp: 125177
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 63.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.110 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

Instrument :

MSVOA_V

ClientSampleId :

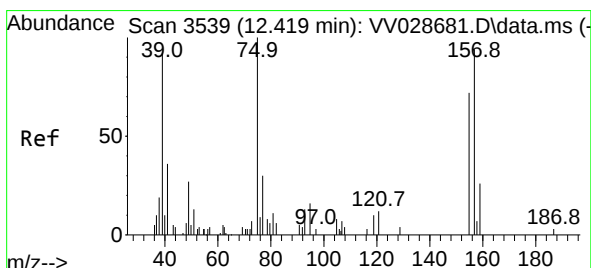
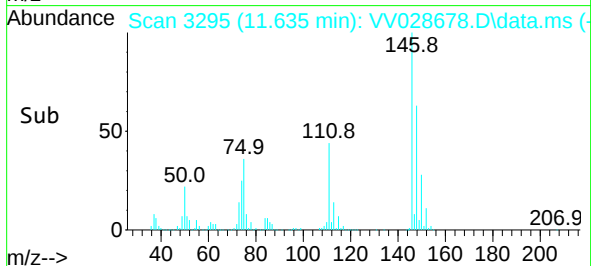
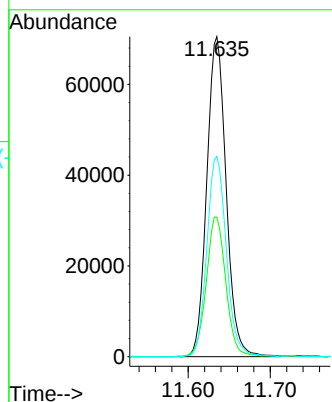
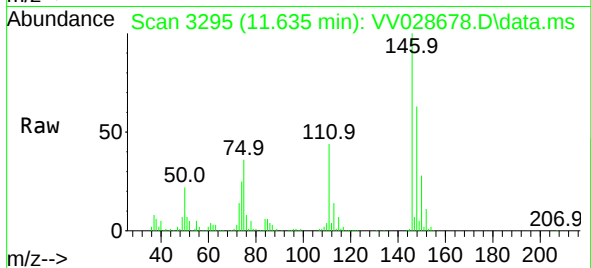
Tgt Ion:146 Resp: 115612

Ion Ratio Lower Upper

146 100

111 43.6 36.2 54.4

148 62.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.003 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028678.D

Acq: 25 Oct 2022 09:39

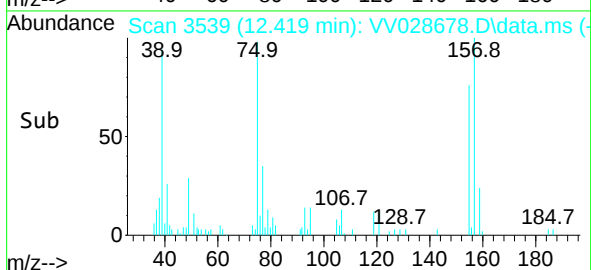
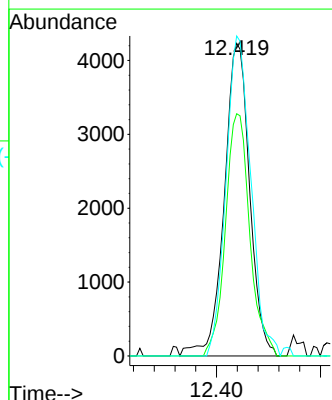
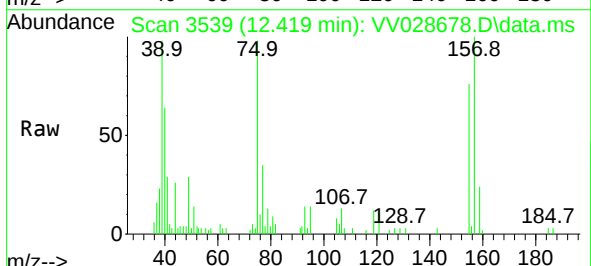
Tgt Ion: 75 Resp: 7183

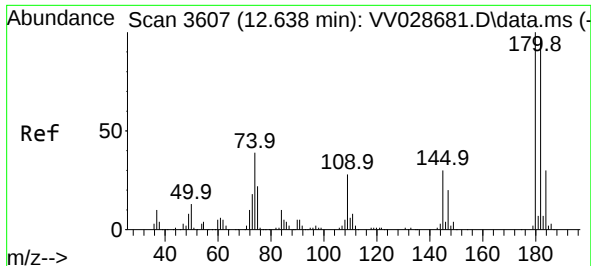
Ion Ratio Lower Upper

75 100

155 77.5 58.2 87.2

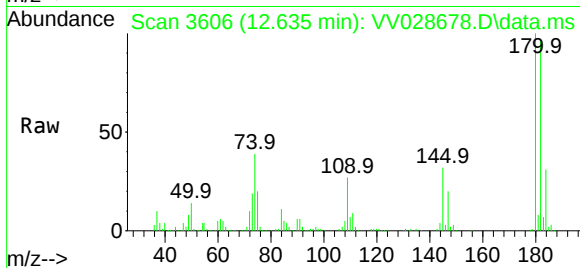
157 102.3 71.5 107.3



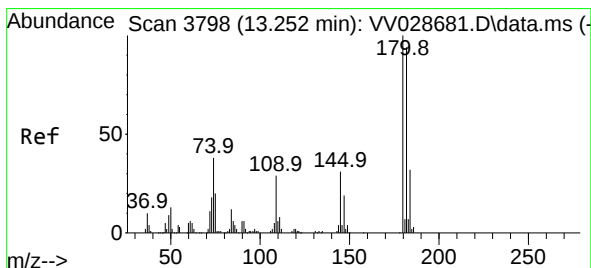
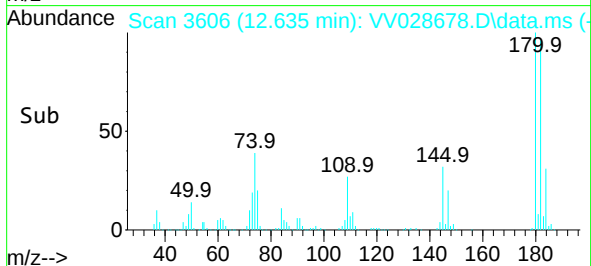
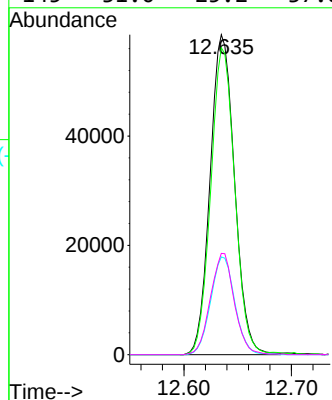


#69
 1,3,5-Trichlorobenzene
 Concen: 5.294 ug/L
 RT: 12.635 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Instrument :
 MSVOA_V
 ClientSampleId :

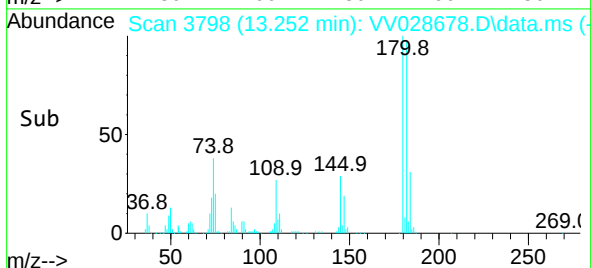
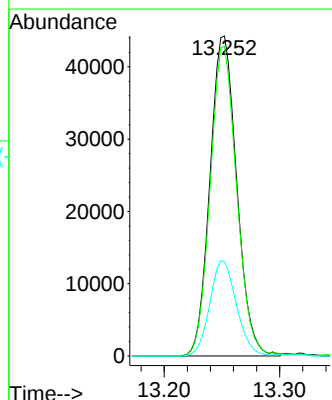
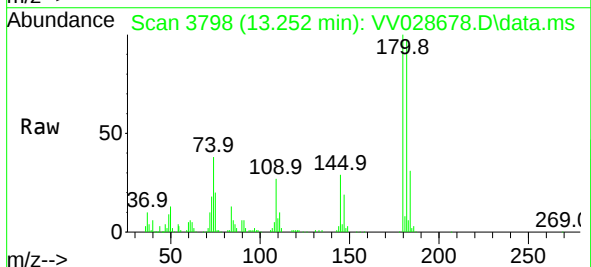


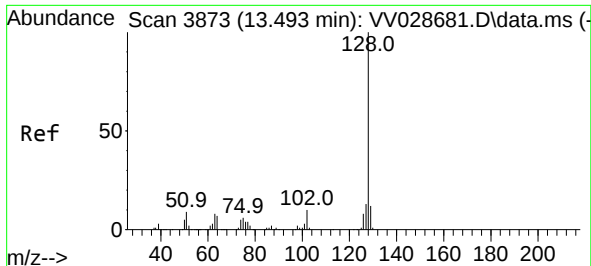
Tgt Ion:180 Resp: 92377
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 184 30.2 24.3 36.5
 145 31.0 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.200 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.000 min
 Lab File: VV028678.D
 Acq: 25 Oct 2022 09:39

Tgt Ion:180 Resp: 71269
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.7 112.1
 145 29.7 25.5 38.3

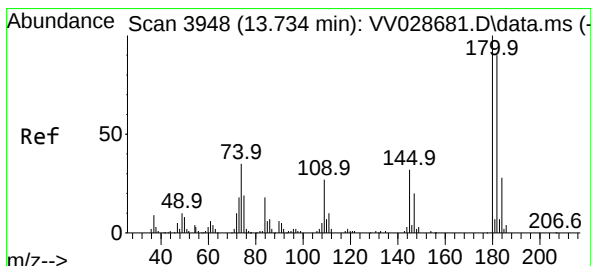
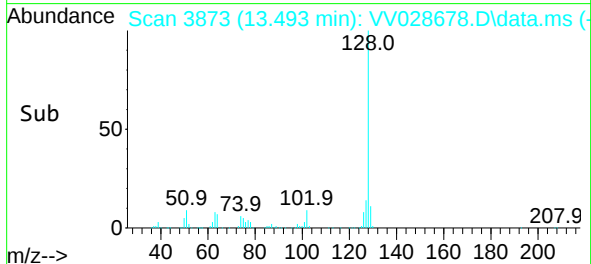
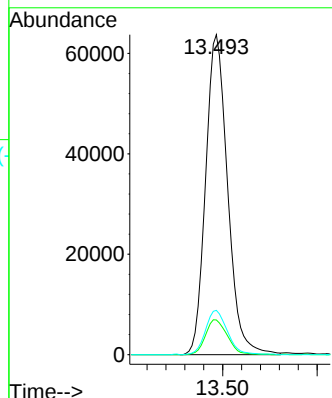
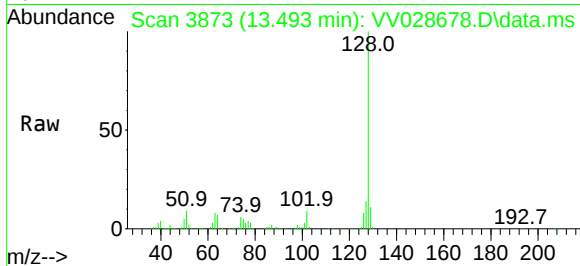




#71
Naphthalene
Concen: 4.413 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 102974
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.044 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028678.D
Acq: 25 Oct 2022 09:39

Tgt Ion:180 Resp: 60517
Ion Ratio Lower Upper
180 100
182 95.4 73.4 110.0
145 34.3 26.3 39.5

