

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028682.D
 Acq On : 25 Oct 2022 11:47
 Operator : SY/MD
 Sample : VSTD01073
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:37:13 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	5.612	114	148116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	144893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	74622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	146210	10.772	ug/L	0.00
7) Chloroethane-d5	1.558	69	125161	11.514	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	284708	11.867	ug/L	-0.02
20) 2-Butanone-d5	3.963	46	319526	115.472	ug/L	0.00
24) Chloroform-d	4.339	84	240301	11.427	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.027	65	120377	10.415	ug/L	-0.01
32) Benzene-d6	5.043	84	470051	7.965	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	155806	8.674	ug/L	0.00
41) Toluene-d8	7.310	98	417410	9.763	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	49696	10.531	ug/L	-0.01
46) 2-Hexanone-d5	8.091	63	279122	141.413	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.210	84	112522	12.339	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	139118	10.868	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	92991	13.543	ug/L	95
3) Chloromethane	1.236	50	160654	11.806	ug/L	99
5) Vinyl chloride	1.301	62	169123	12.913	ug/L	97
6) Bromomethane	1.513	94	76262	11.937	ug/L	95
8) Chloroethane	1.574	64	111389	12.635	ug/L	96
9) Trichlorofluoromethane	1.741	101	224626	13.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	130042	13.569	ug/L	99
12) 1,1-Dichloroethene	2.108	96	114820	12.652	ug/L	88
13) Acetone	2.272	43	65764	37.870	ug/L	63
14) Carbon disulfide	2.281	76	249763	11.447	ug/L	100
15) Methyl Acetate	2.455	43	80710	15.600	ug/L #	91
16) Methylene chloride	2.497	84	124810	9.503	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	280074	11.138	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	110116	11.157	ug/L	96
19) 1,1-Dichloroethane	3.182	63	262388	11.257	ug/L	96
21) 2-Butanone	4.037	43	346051	112.488	ug/L #	73
22) cis-1,2-Dichloroethene	3.905	96	128191	11.191	ug/L #	99
23) Bromochloromethane	4.240	128	49350	11.724	ug/L	91
25) Chloroform	4.368	83	253349	11.437	ug/L	99
27) 1,2-Dichloroethane	5.127	62	147664	10.508	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	197597	8.293	ug/L	98
30) Cyclohexane	4.667	56	200230	7.858	ug/L	98
31) Carbon tetrachloride	4.821	117	159068	8.973	ug/L	98
33) Benzene	5.092	78	527588	8.297	ug/L	100
34) Trichloroethene	5.908	95	123728	8.506	ug/L	93
35) Methylcyclohexane	6.124	83	193234	8.956	ug/L	97
37) 1,2-Dichloropropane	6.169	63	147224	8.965	ug/L	99
38) Bromodichloromethane	6.506	83	171116	10.524	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	186041	10.594	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	953248	114.553	ug/L	100
42) Toluene	7.381	91	550362	10.362	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	147735	11.465	ug/L	99

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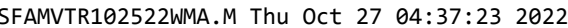
Quant Time: Oct 27 04:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
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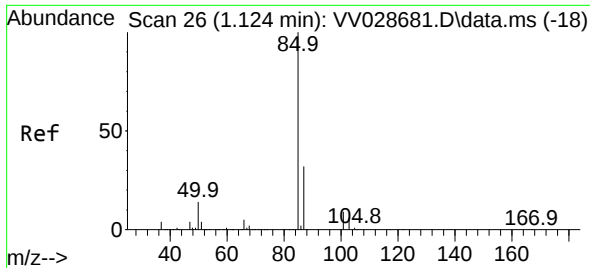
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	88419	10.750	ug/L	96
47) Tetrachloroethene	7.969	164	86525	10.826	ug/L	98
48) 2-Hexanone	8.140	43	676270	127.151	ug/L	100
49) Dibromochloromethane	8.239	129	96080	12.505	ug/L	98
50) 1,2-Dibromoethane	8.349	107	75154	10.735	ug/L	97
51) Chlorobenzene	8.876	112	333532	10.709	ug/L	99
52) Ethylbenzene	9.008	91	601764	10.895	ug/L	99
53) m,p-Xylene	9.133	106	223452	11.194	ug/L	98
54) o-Xylene	9.538	106	223261	11.166	ug/L	98
55) Styrene	9.554	104	394517	11.607	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	114024	11.780	ug/L	99
59) Bromoform	9.725	173	46537	12.852	ug/L	99
60) Isopropylbenzene	9.924	105	621382	10.454	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	82046	10.580	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	178516	10.418	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	513050	11.159	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	264009	11.166	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	263003	11.068	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	243467	11.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	16527	11.894	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	198862	11.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	157527	11.876	ug/L	98
71) Naphthalene	13.490	128	255772	11.327	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	137884	11.876	ug/L	95

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

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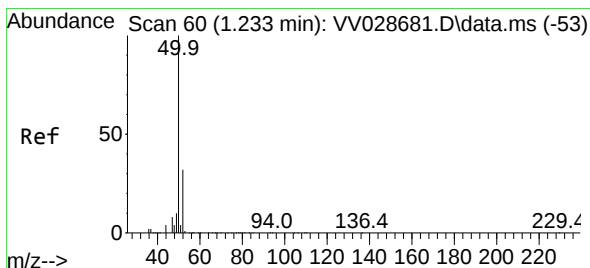
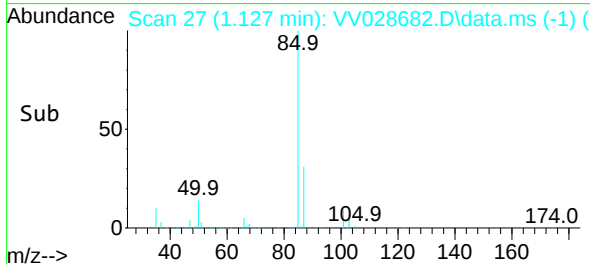
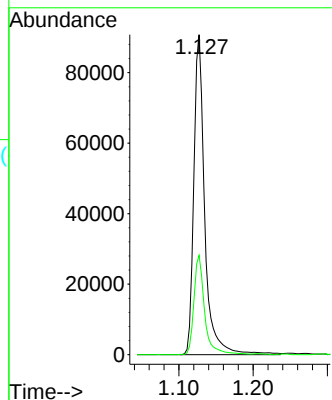
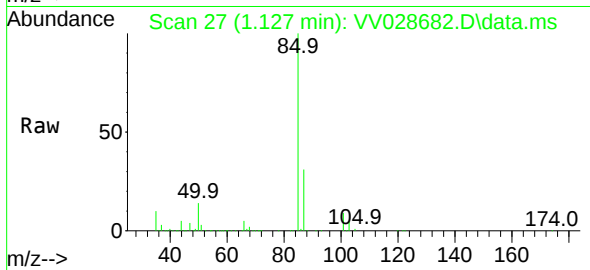




#2
 Dichlorodifluoromethane
 Concen: 13.543 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

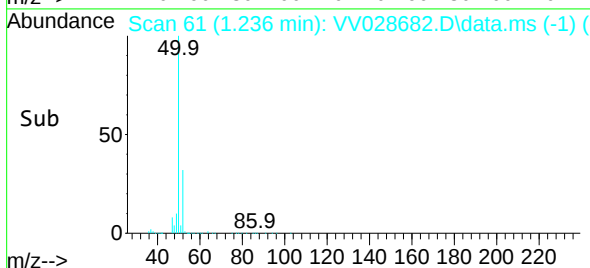
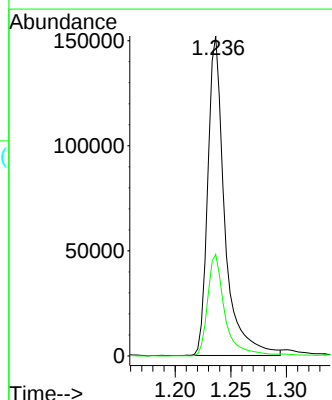
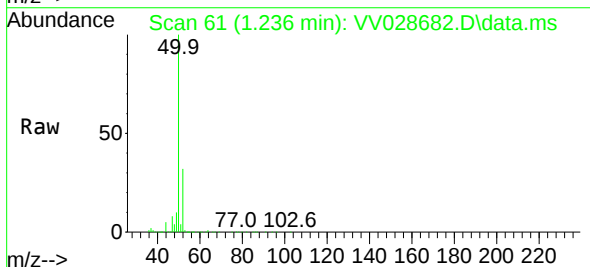
Instrument :
 MSVOA_V
 ClientSampleId :

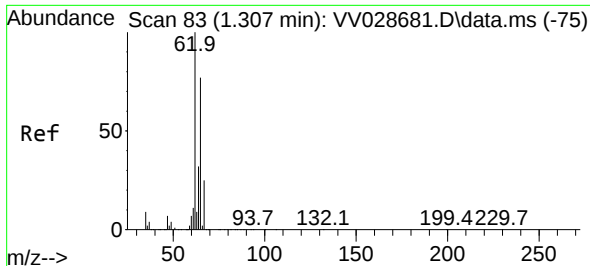
Tgt Ion: 85 Resp: 92991
 Ion Ratio Lower Upper
 85 100
 87 30.5 26.6 40.0



#3
 Chloromethane
 Concen: 11.806 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

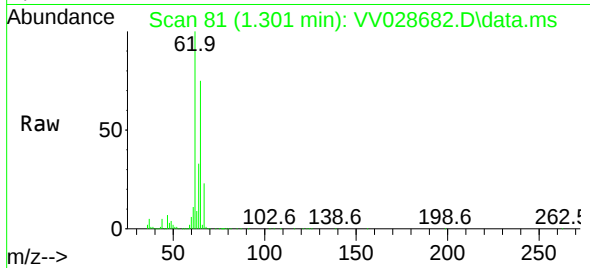
Tgt Ion: 50 Resp: 160654
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.8 40.6



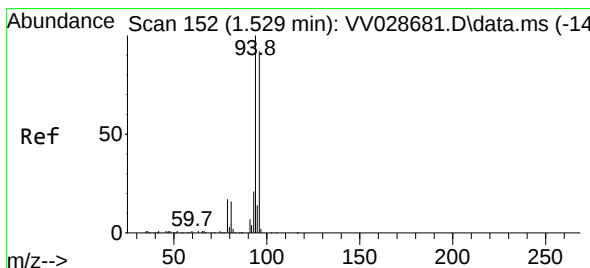
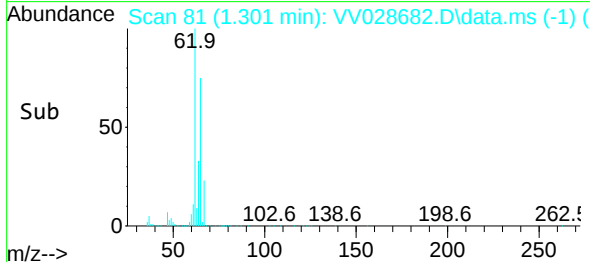
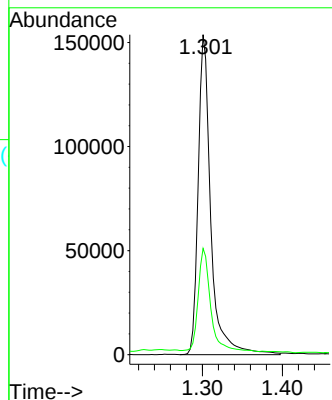


#5
 Vinyl chloride
 Concen: 12.913 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

Instrument :
 MSVOA_V
 ClientSampleId :

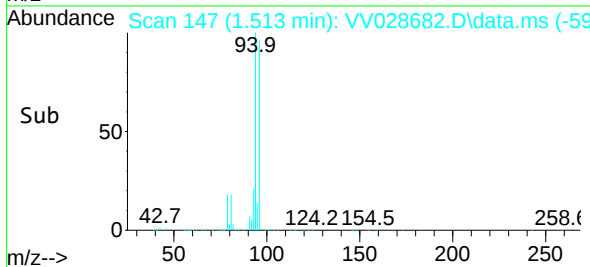
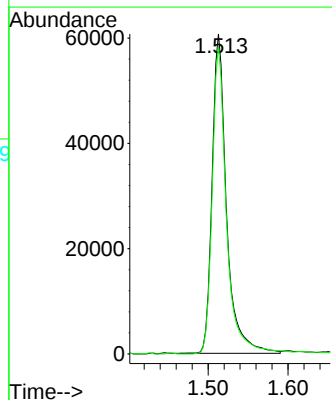
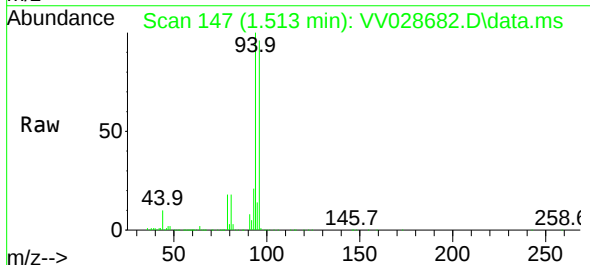


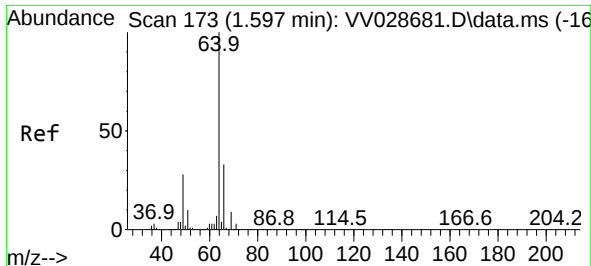
Tgt Ion: 62 Resp: 169123
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.0 41.0



#6
 Bromomethane
 Concen: 11.937 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.016 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

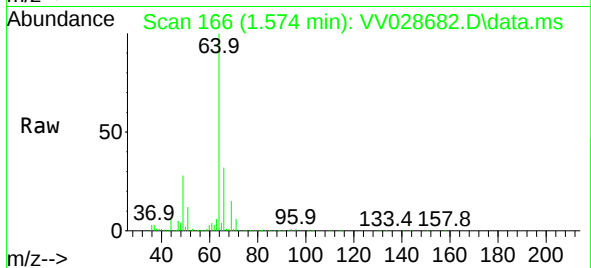
Tgt Ion: 94 Resp: 76262
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.3 119.3



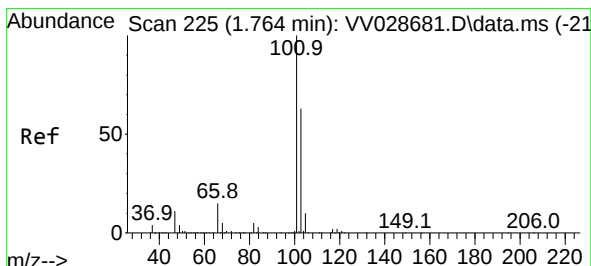
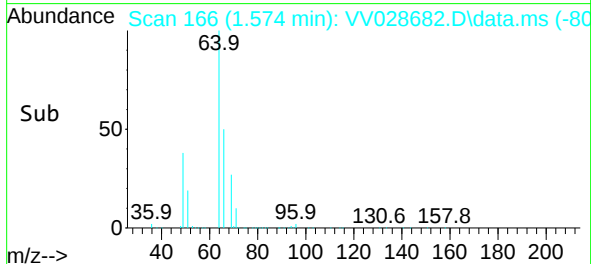
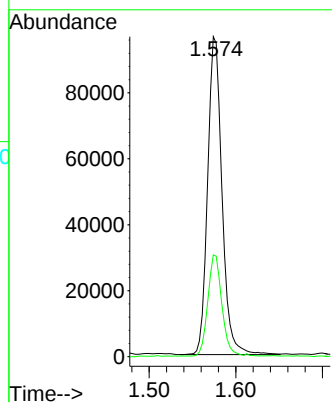


#8
Chloroethane
Concen: 12.635 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

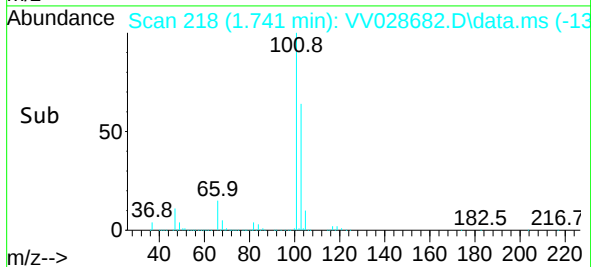
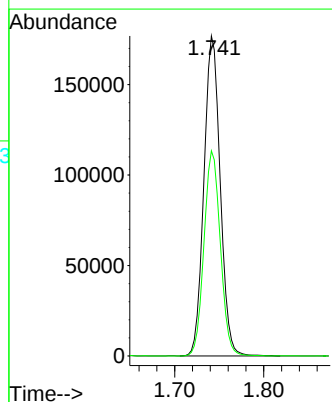
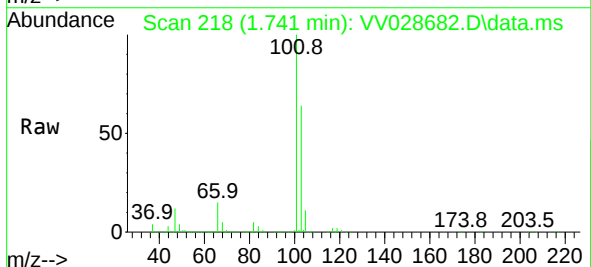


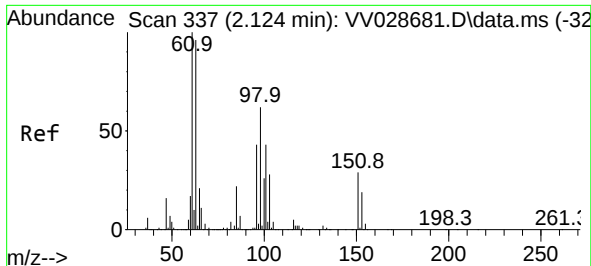
Tgt Ion: 64 Resp: 111389
Ion Ratio Lower Upper
64 100
66 31.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 13.802 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.023 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:101 Resp: 224626
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6





#10

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

Concen: 13.569 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.019 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

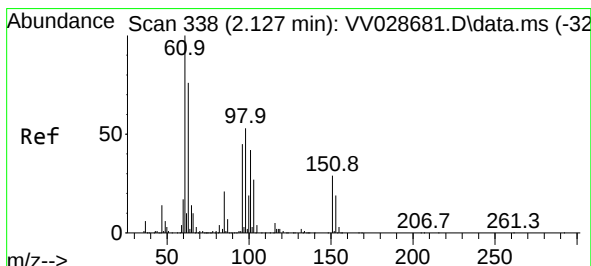
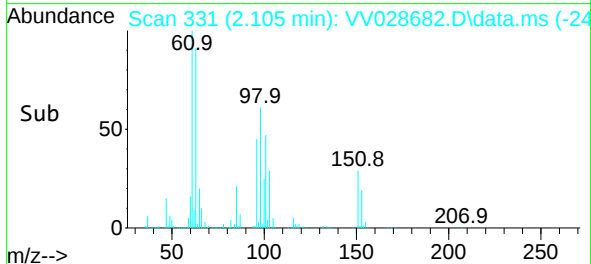
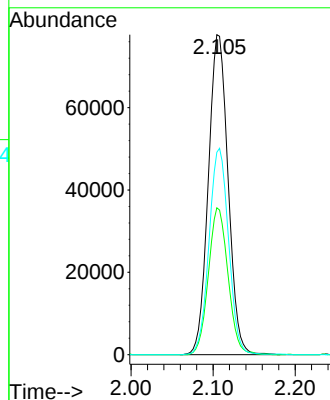
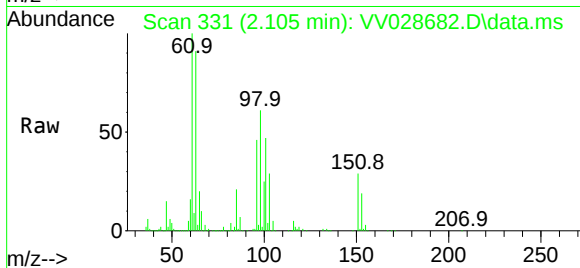
Tgt Ion:101 Resp: 130042

Ion Ratio Lower Upper

101 100

85 45.6 37.0 55.6

151 63.7 50.2 75.2



#12

1,1-Dichloroethene

Concen: 12.652 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.019 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

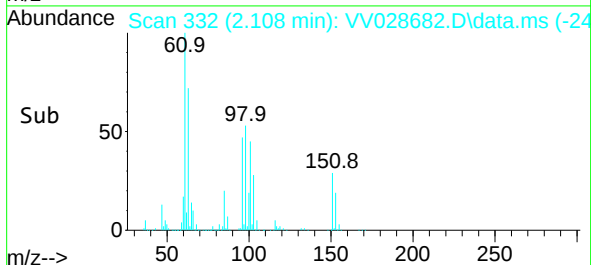
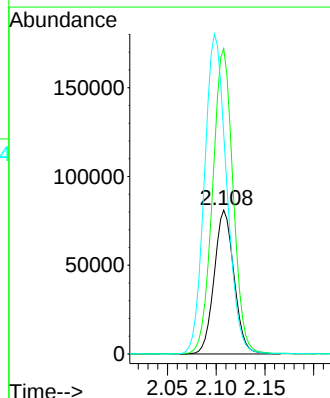
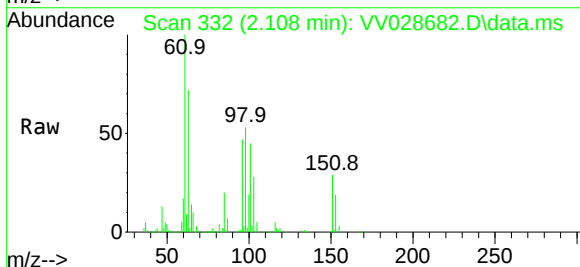
Tgt Ion: 96 Resp: 114820

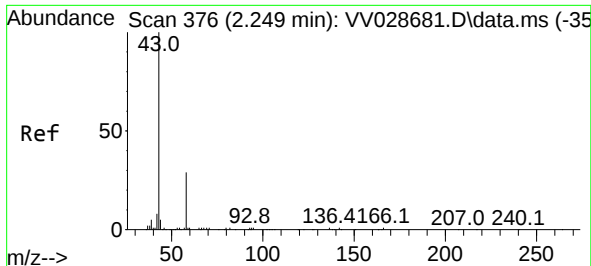
Ion Ratio Lower Upper

96 100

61 212.2 148.1 275.1

63 153.0 133.3 247.7

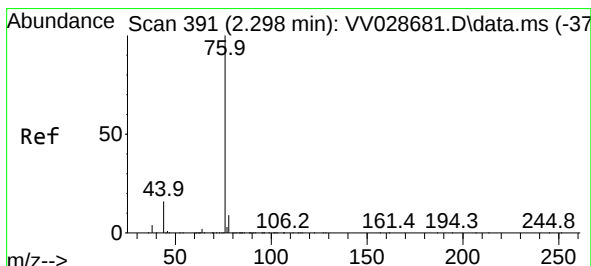
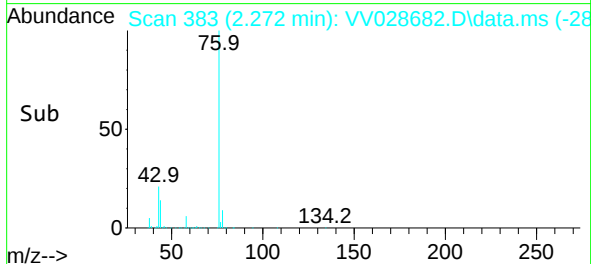
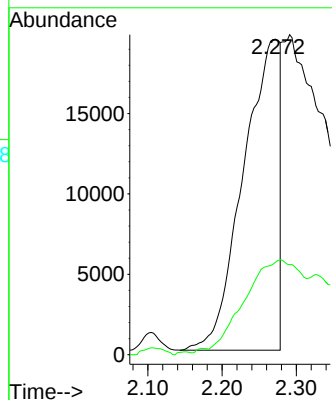
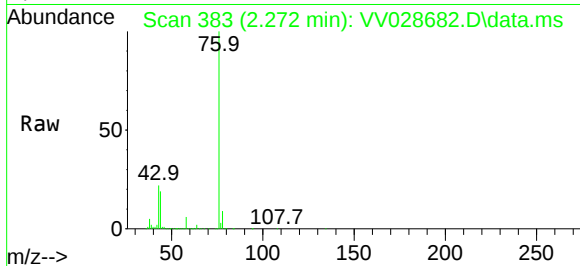




#13
Acetone
Concen: 37.870 ug/L
RT: 2.272 min Scan# 31
Delta R.T. 0.022 min
Lab File: VV028682.D
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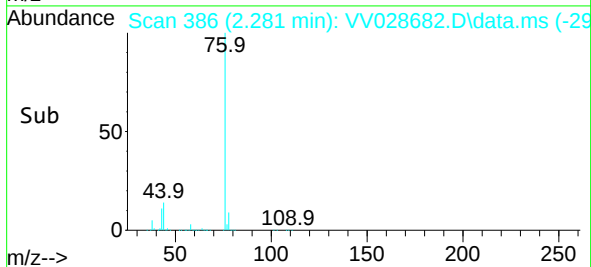
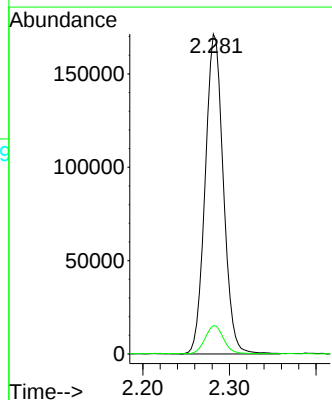
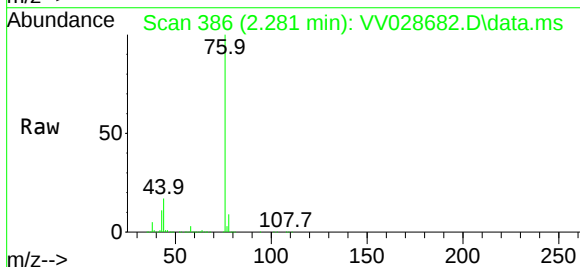
Instrument :
MSVOA_V
ClientSampleId :

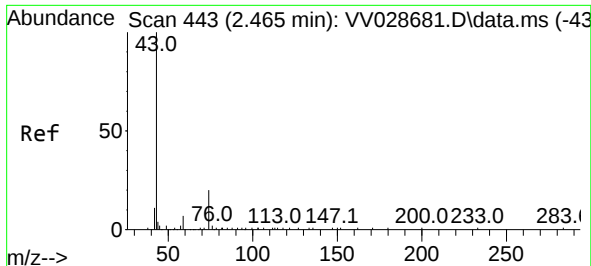
Tgt Ion: 43 Resp: 65764
Ion Ratio Lower Upper
43 100
58 43.5 0.0 50.2



#14
Carbon disulfide
Concen: 11.447 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.016 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion: 76 Resp: 249763
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

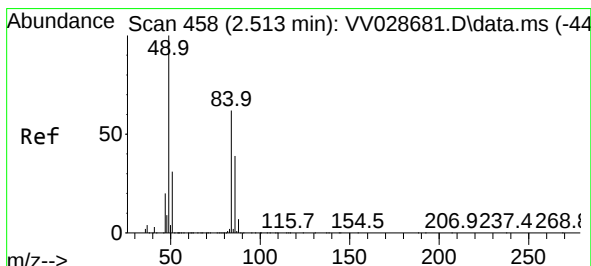
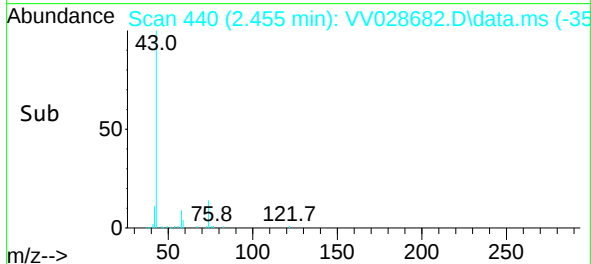
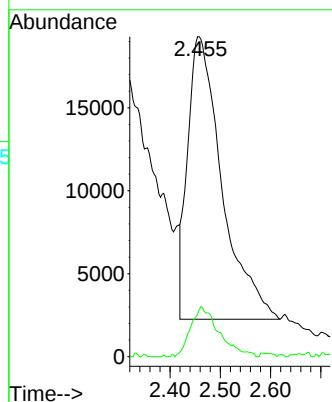
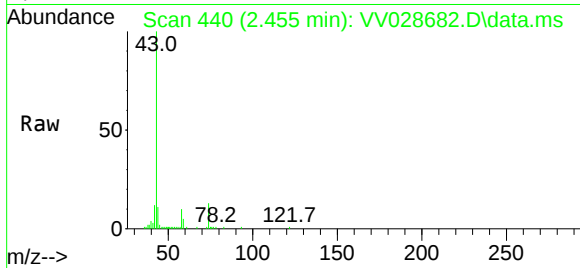




#15
Methyl Acetate
Concen: 15.600 ug/L
RT: 2.455 min Scan# 443
Delta R.T. -0.010 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

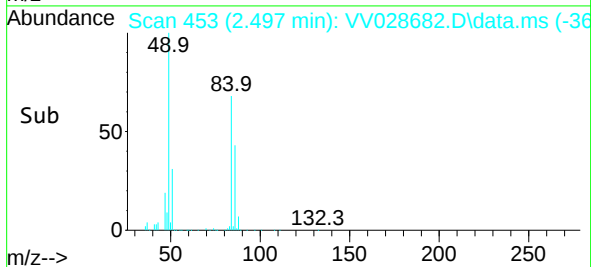
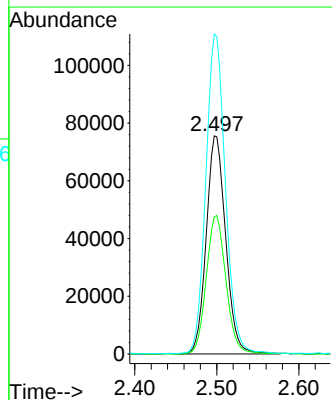
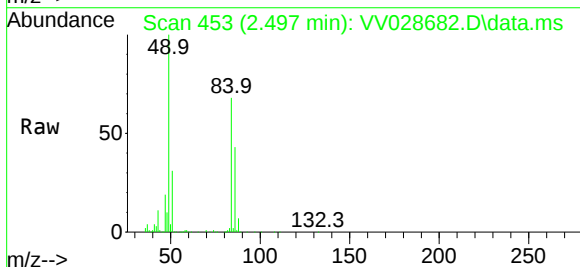
Instrument :
MSVOA_V
ClientSampleId :

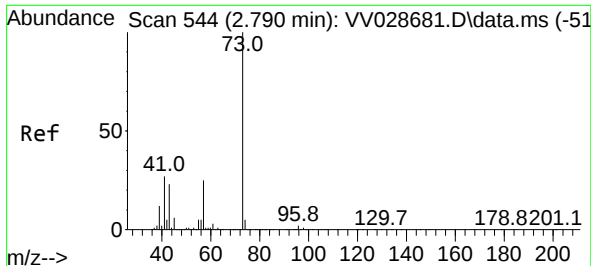
Tgt Ion: 43 Resp: 80710
Ion Ratio Lower Upper
43 100
74 14.7 14.9 22.3#



#16
Methylene chloride
Concen: 9.503 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.016 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

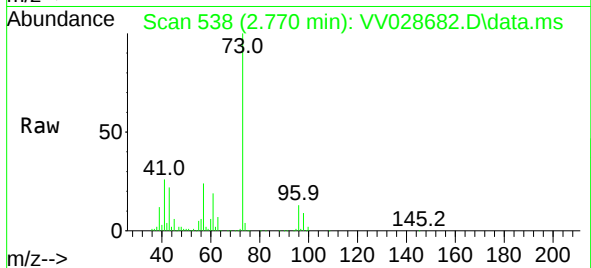
Tgt Ion: 84 Resp: 124810
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.4
49 146.8 110.8 205.8



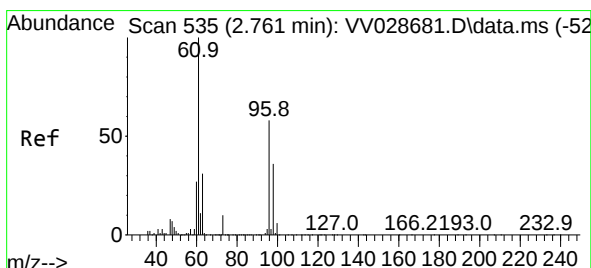
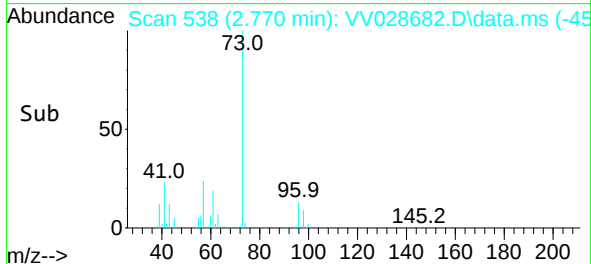
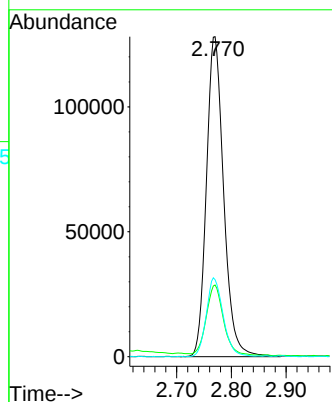


#17
Methyl tert-butyl Ether
Concen: 11.138 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.019 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

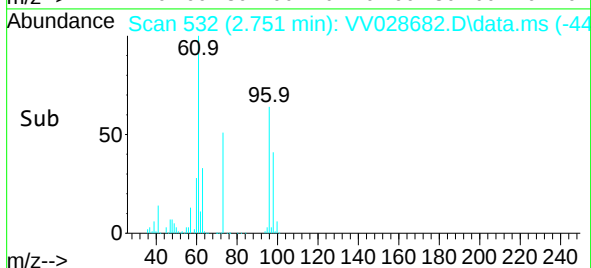
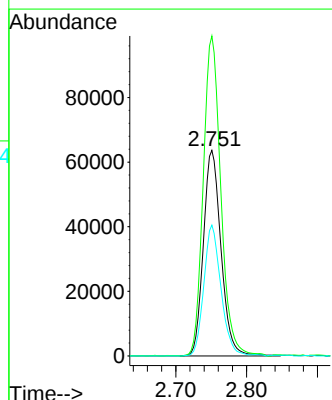
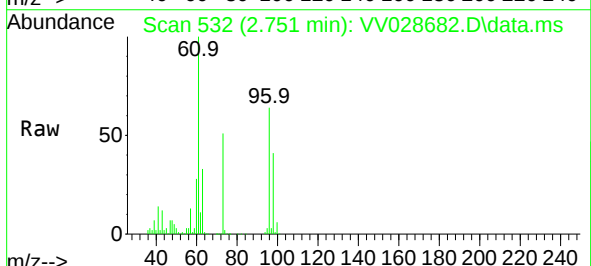


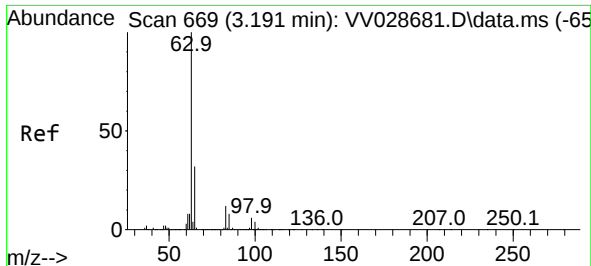
Tgt Ion: 73 Resp: 280074
Ion Ratio Lower Upper
73 100
43 21.8 18.0 27.0
57 24.2 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 11.157 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.010 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion: 96 Resp: 110116
Ion Ratio Lower Upper
96 100
61 155.7 114.3 212.3
98 63.6 45.0 83.6

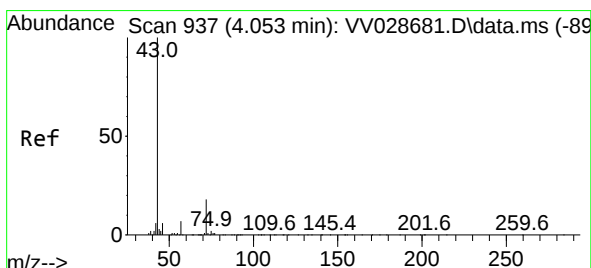
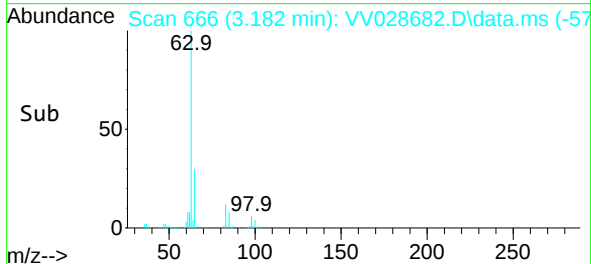
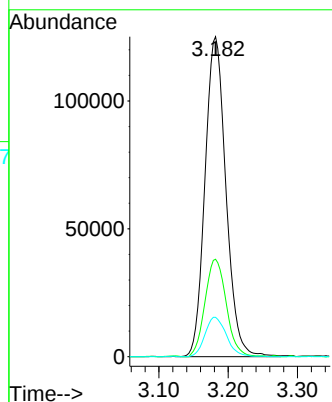
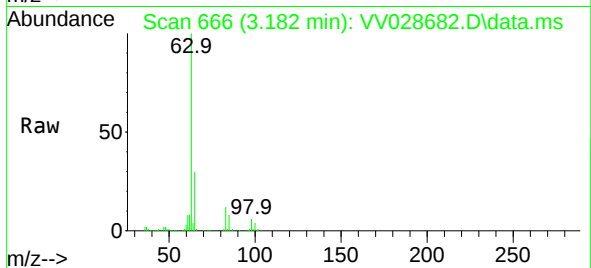




#19
1,1-Dichloroethane
Concen: 11.257 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.010 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

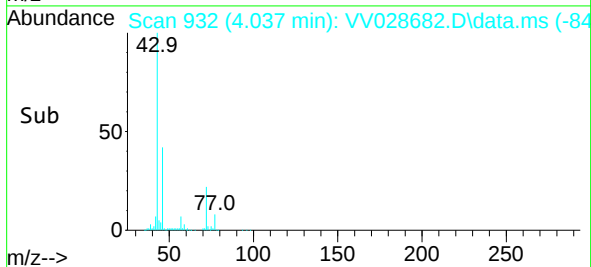
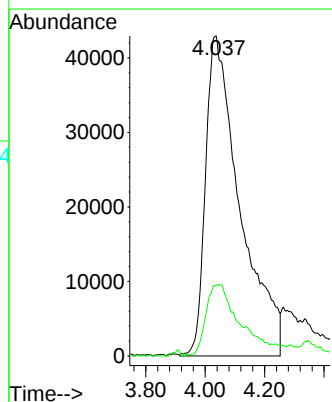
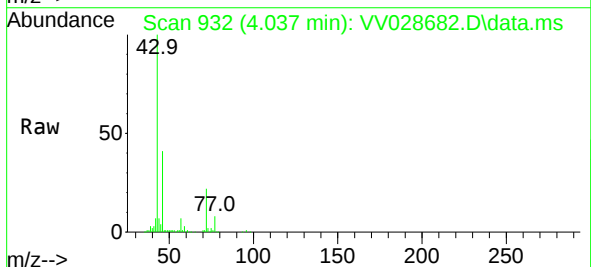
Instrument :
MSVOA_V
ClientSampleId :

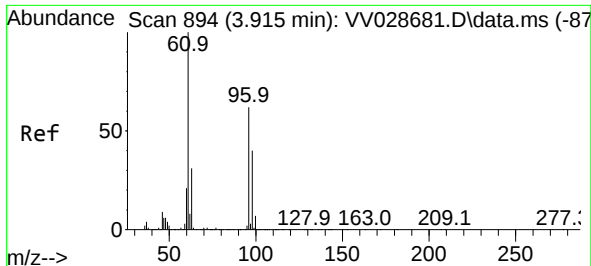
Tgt Ion: 63 Resp: 262388
Ion Ratio Lower Upper
63 100
65 30.5 23.1 42.9
83 12.3 7.9 14.7



#21
2-Butanone
Concen: 112.488 ug/L
RT: 4.037 min Scan# 932
Delta R.T. -0.016 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

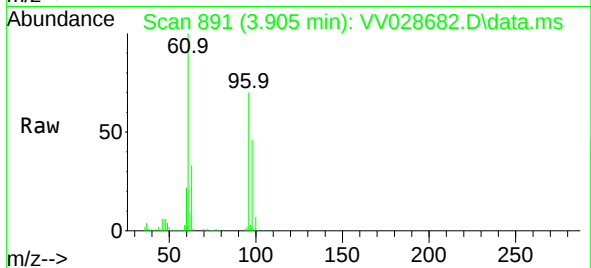
Tgt Ion: 43 Resp: 346051
Ion Ratio Lower Upper
43 100
72 7.6 10.2 30.4#



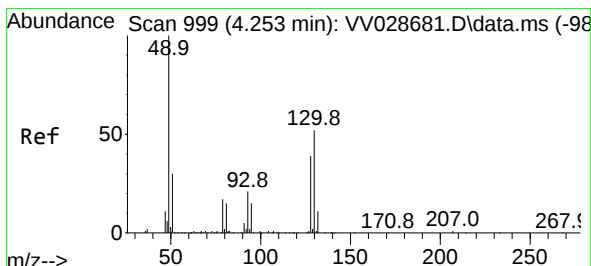
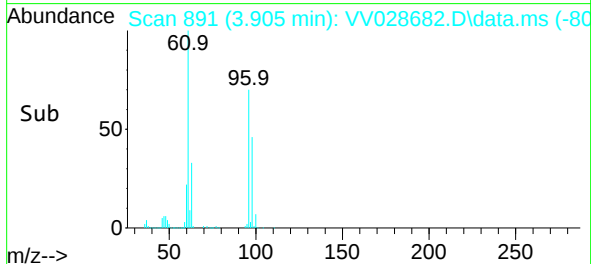
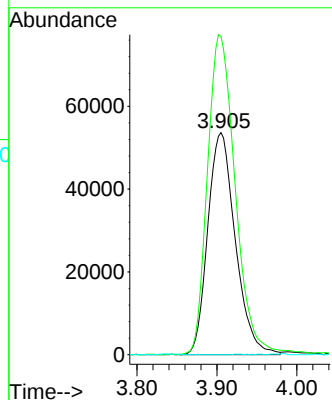


#22
 cis-1,2-Dichloroethene
 Concen: 11.191 ug/L
 RT: 3.905 min Scan# 894
 Delta R.T. -0.010 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

Instrument :
 MSVOA_V
 ClientSampleId :

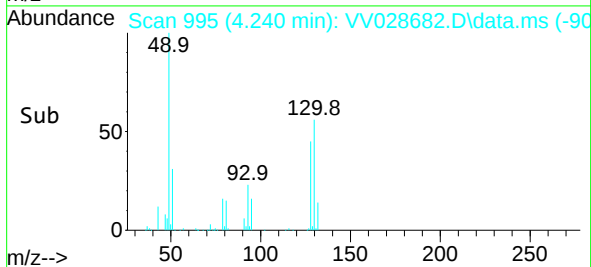
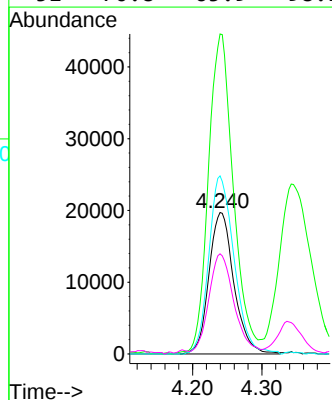
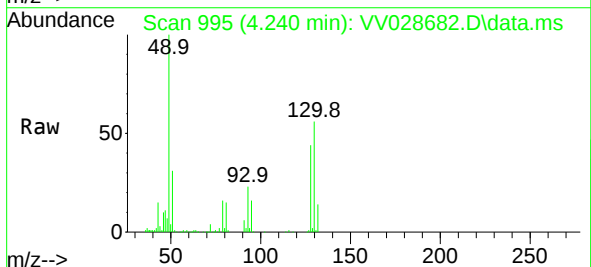


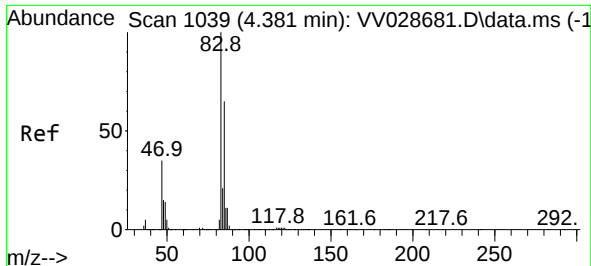
Tgt Ion: 96 Resp: 128191
 Ion Ratio Lower Upper
 96 100
 61 143.3 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 11.724 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.013 min
 Lab File: VV028682.D
 Acq: 25 Oct 2022 11:47

Tgt Ion: 128 Resp: 49350
 Ion Ratio Lower Upper
 128 100
 49 226.2 171.1 317.7
 130 125.9 86.4 160.4
 51 70.8 65.9 98.9





#25

Chloroform

Concen: 11.437 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

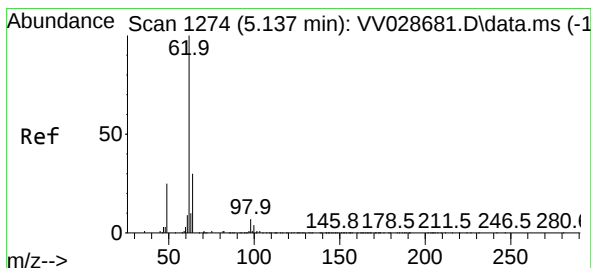
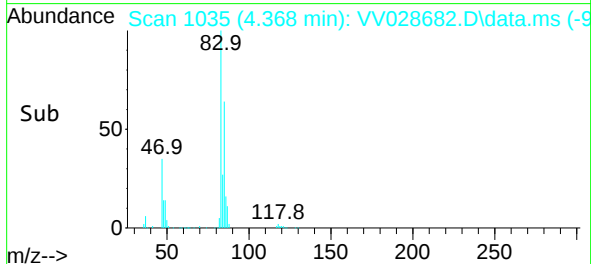
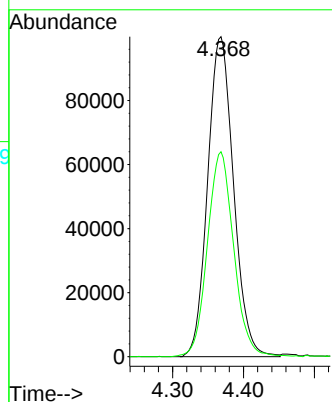
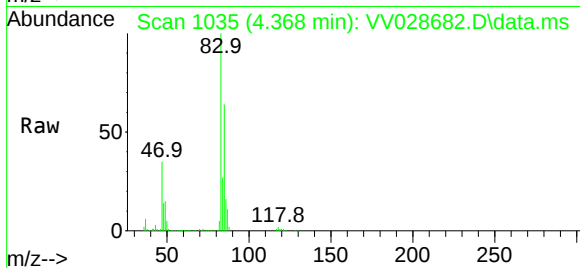
ClientSampleId :

Tgt Ion: 83 Resp: 253349

Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9



#27

1,2-Dichloroethane

Concen: 10.508 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.010 min

Lab File: VV028682.D

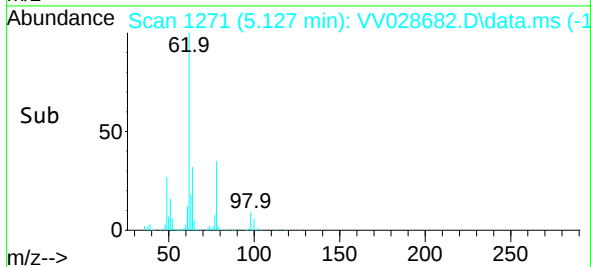
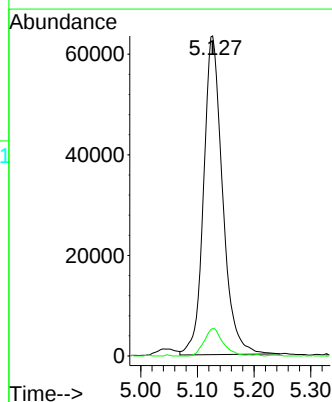
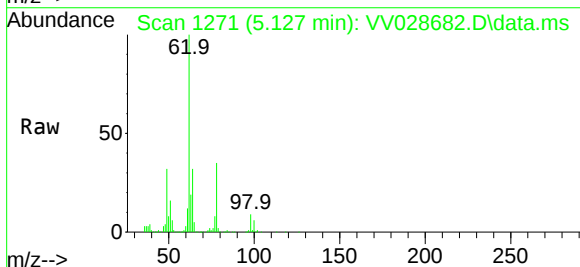
Acq: 25 Oct 2022 11:47

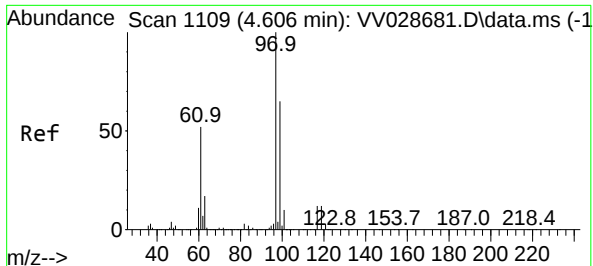
Tgt Ion: 62 Resp: 147664

Ion Ratio Lower Upper

62 100

98 8.5 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 8.293 ug/L

RT: 4.600 min Scan# 1109

Delta R.T. -0.007 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

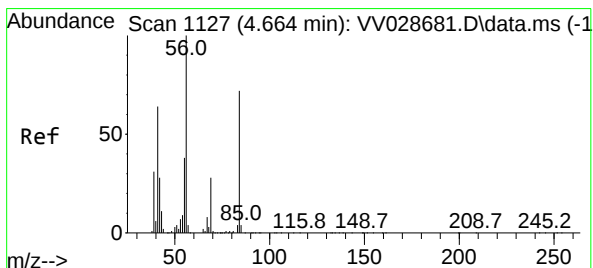
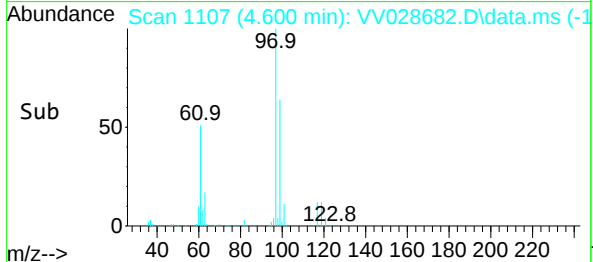
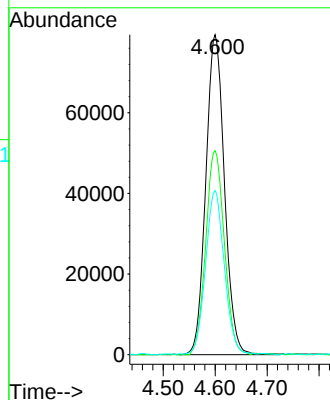
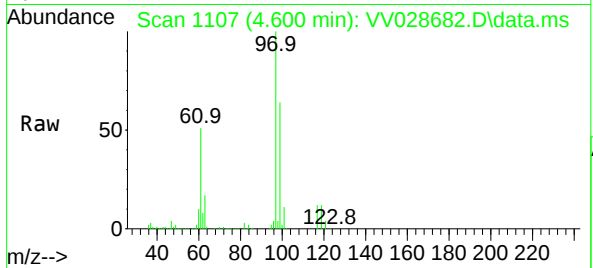
Tgt Ion: 97 Resp: 197597

Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 51.3 43.1 64.7



#30

Cyclohexane

Concen: 7.858 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

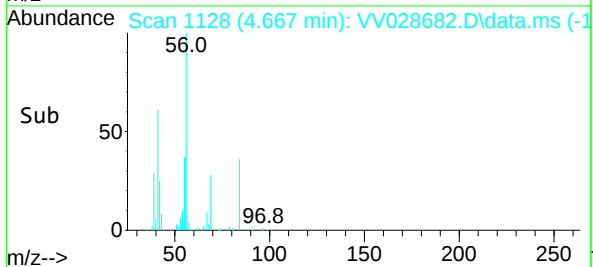
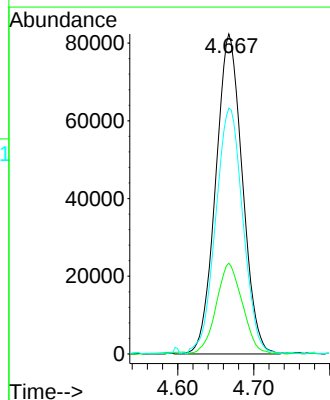
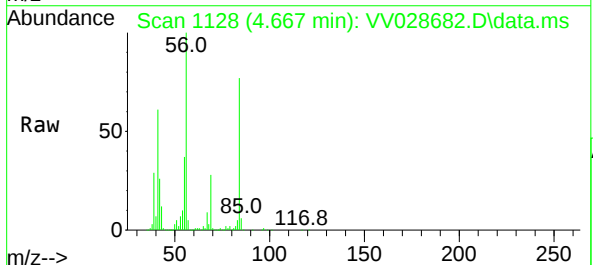
Tgt Ion: 56 Resp: 200230

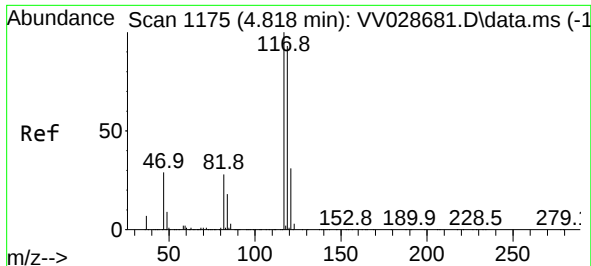
Ion Ratio Lower Upper

56 100

69 27.9 22.6 34.0

84 78.1 60.4 90.6

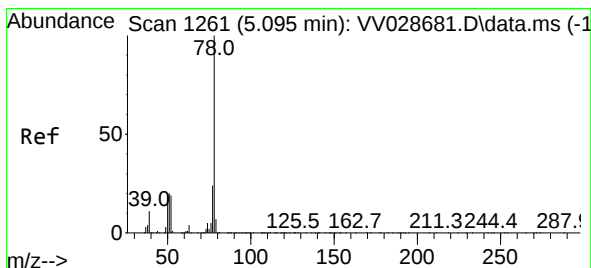
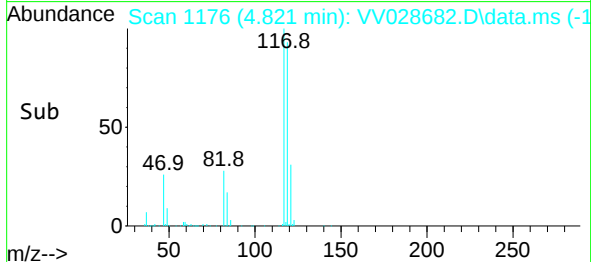
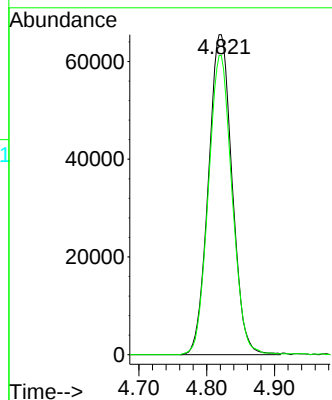
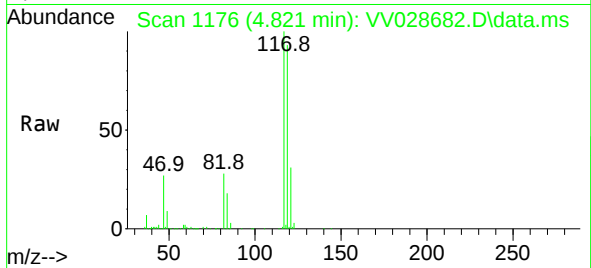




#31
Carbon tetrachloride
Concen: 8.973 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

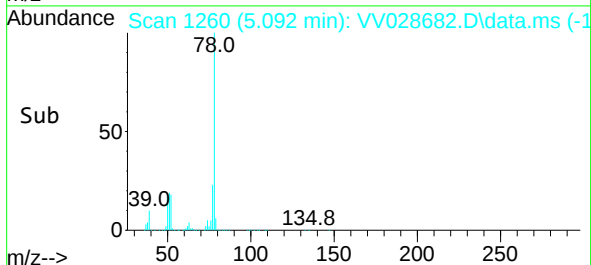
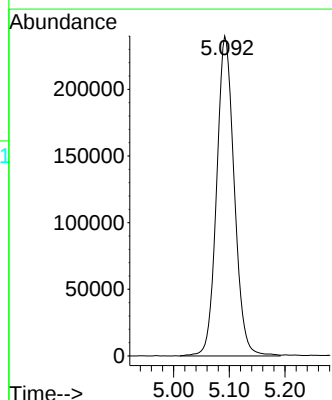
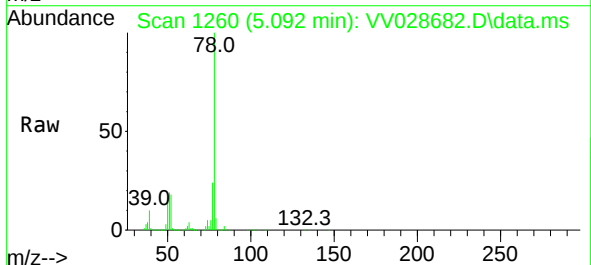
Instrument :
MSVOA_V
ClientSampleId :

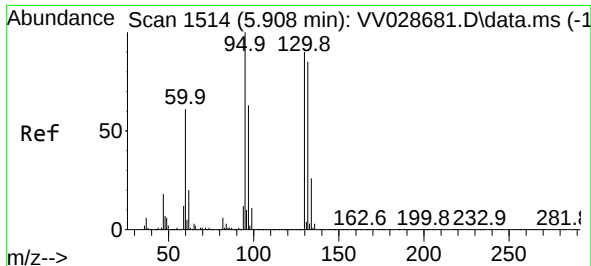
Tgt Ion:117 Resp: 159068
Ion Ratio Lower Upper
117 100
119 93.4 76.1 114.1



#33
Benzene
Concen: 8.297 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

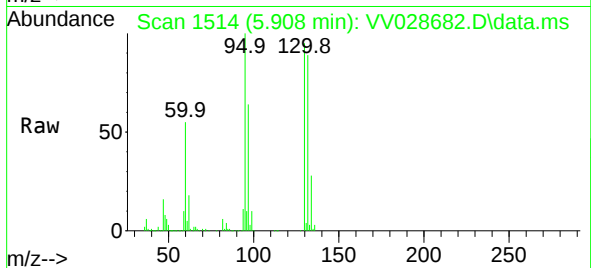
Tgt Ion: 78 Resp: 527588



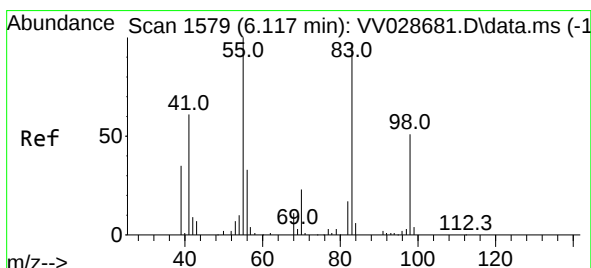
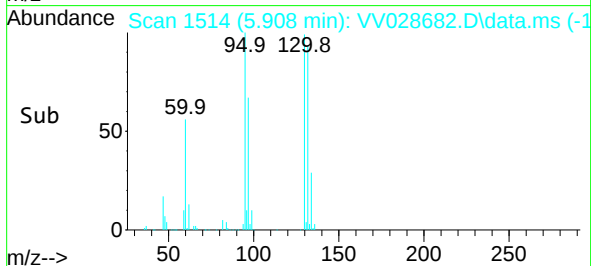
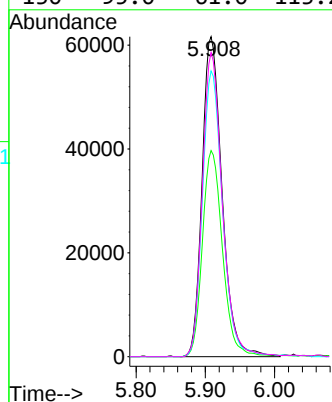


#34
Trichloroethene
Concen: 8.506 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

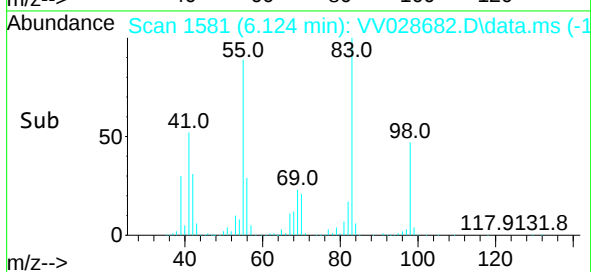
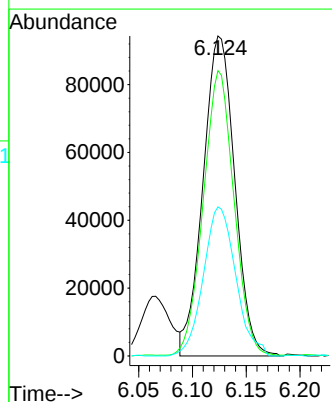
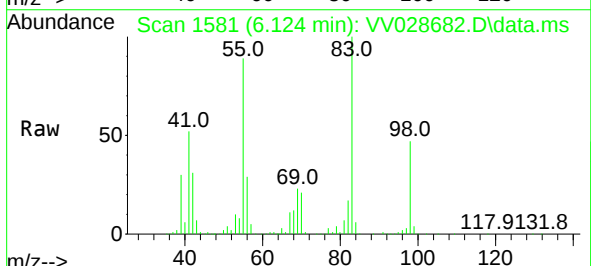


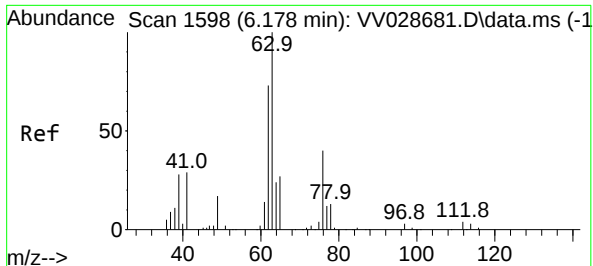
Tgt Ion: 95 Resp: 123728
Ion Ratio Lower Upper
95 100
97 64.4 43.5 80.9
132 89.3 56.5 104.9
130 95.0 61.0 113.2



#35
Methylcyclohexane
Concen: 8.956 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion: 83 Resp: 193234
Ion Ratio Lower Upper
83 100
55 86.1 70.0 105.0
98 47.6 35.6 53.4





#37

1,2-Dichloropropane

Concen: 8.965 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

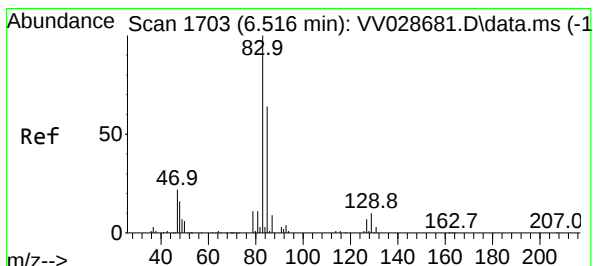
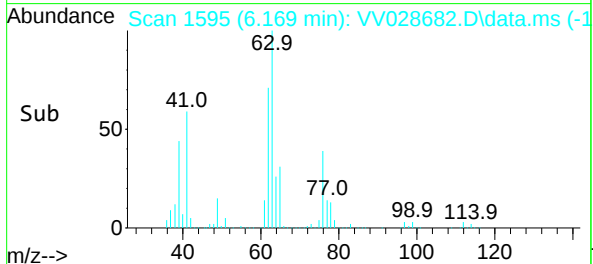
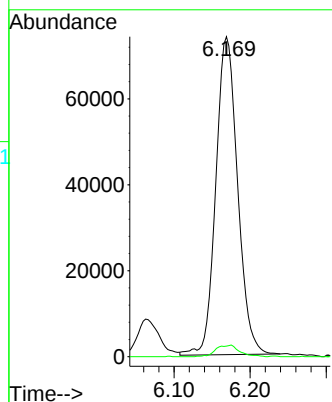
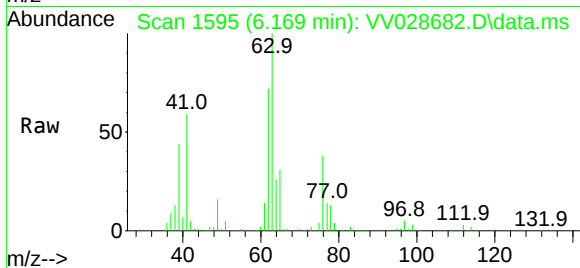
ClientSampleId :

Tgt Ion: 63 Resp: 147224

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 10.524 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.010 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

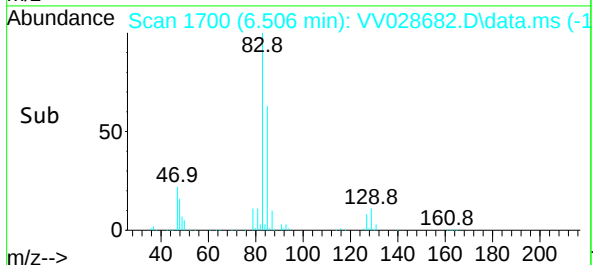
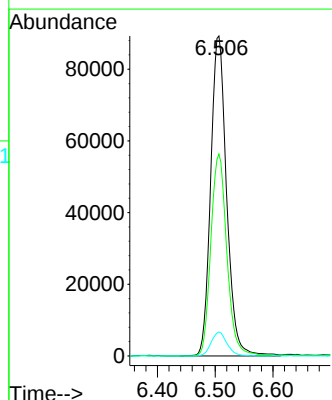
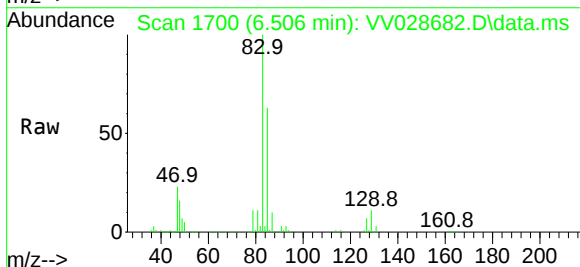
Tgt Ion: 83 Resp: 171116

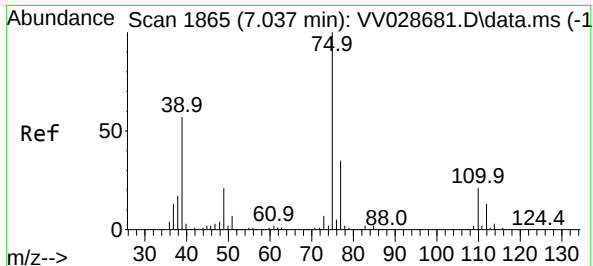
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

127 7.5 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 10.594 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.013 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

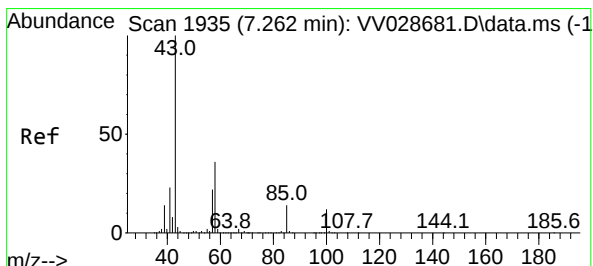
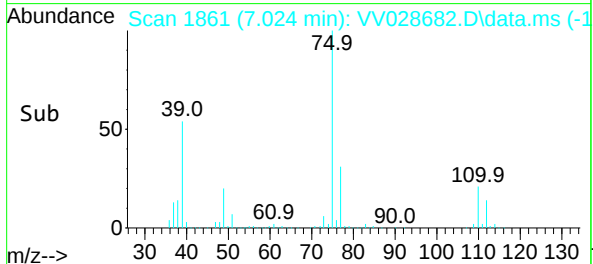
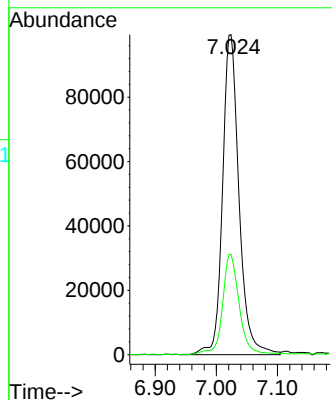
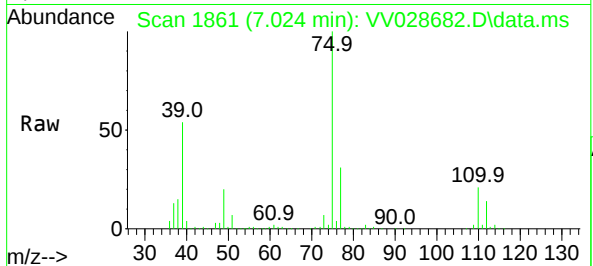
ClientSampleId :

Tgt Ion: 75 Resp: 186041

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 114.553 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.032 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

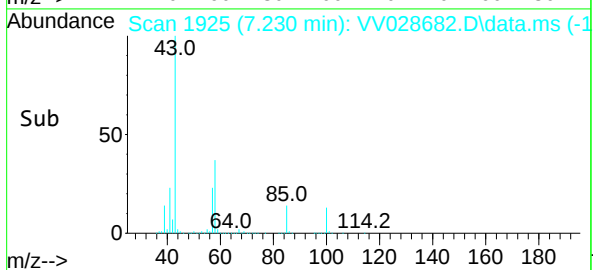
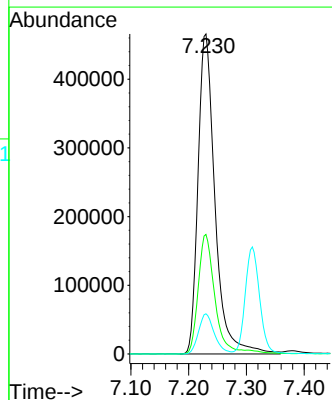
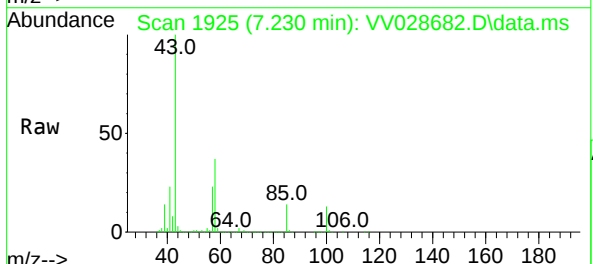
Tgt Ion: 43 Resp: 953248

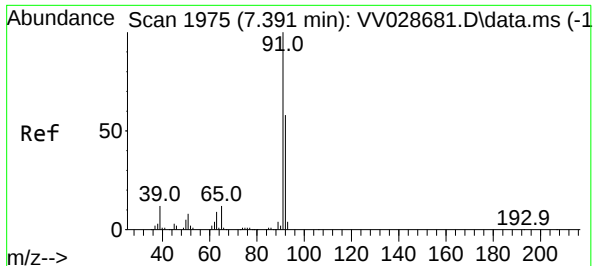
Ion Ratio Lower Upper

43 100

58 37.3 29.6 44.4

100 11.7 9.4 14.0





#42

Toluene

Concen: 10.362 ug/L

RT: 7.381 min Scan# 1975

Delta R.T. -0.010 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

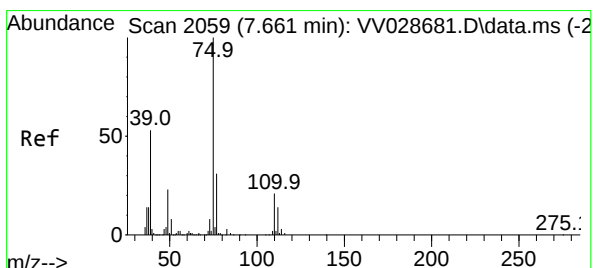
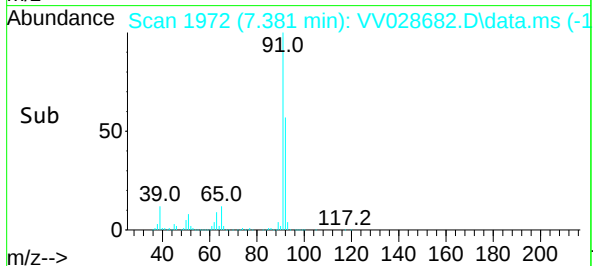
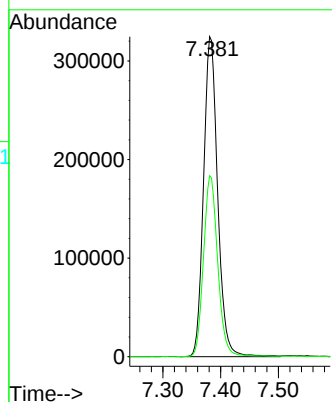
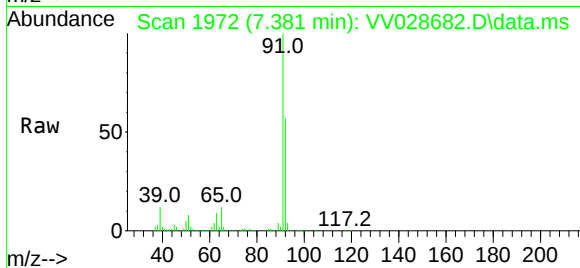
ClientSampleId :

Tgt Ion: 91 Resp: 550362

Ion Ratio Lower Upper

91 100

92 56.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 11.465 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.016 min

Lab File: VV028682.D

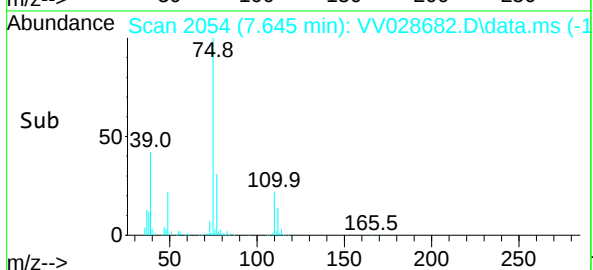
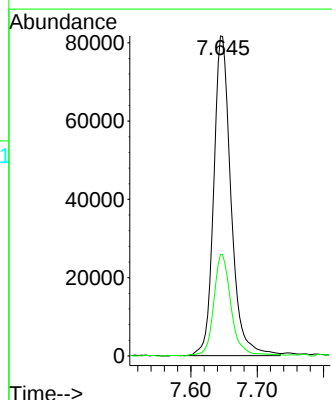
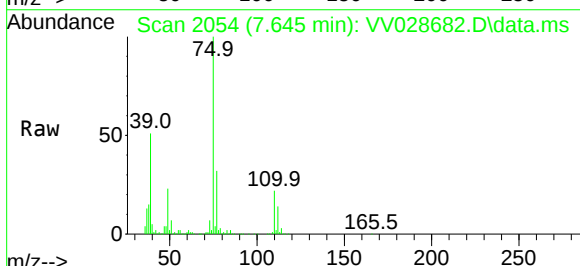
Acq: 25 Oct 2022 11:47

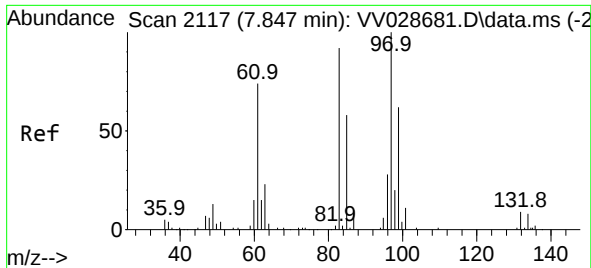
Tgt Ion: 75 Resp: 147735

Ion Ratio Lower Upper

75 100

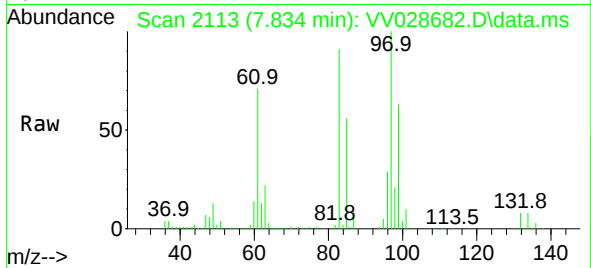
77 31.7 22.6 42.0



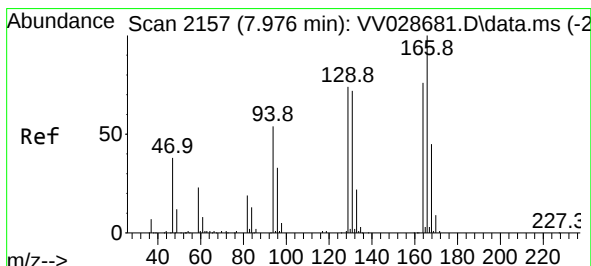
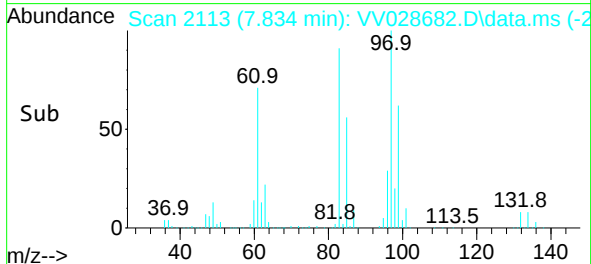
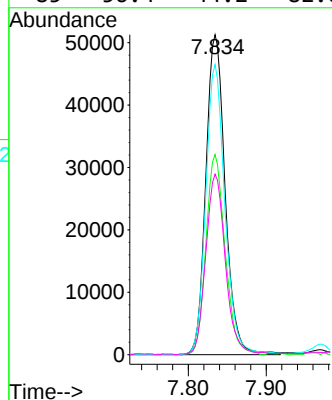


#45
1,1,2-Trichloroethane
Concen: 10.750 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.013 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

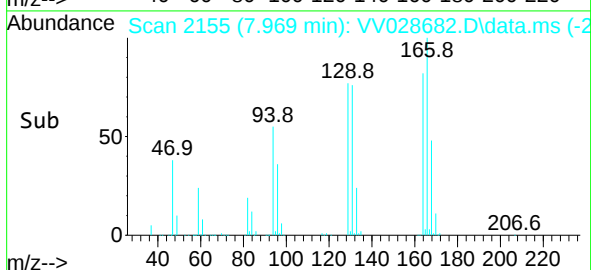
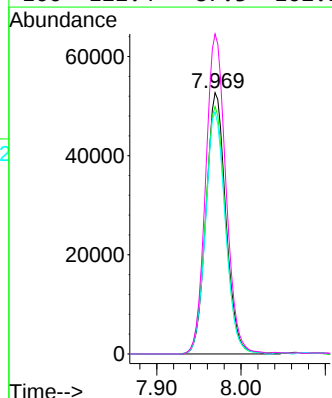
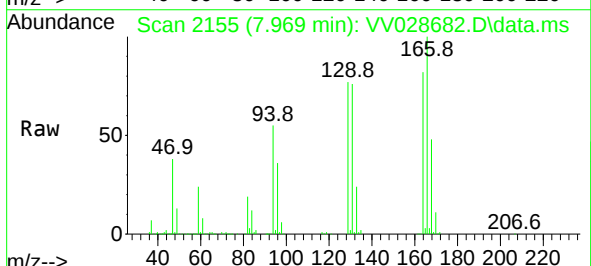


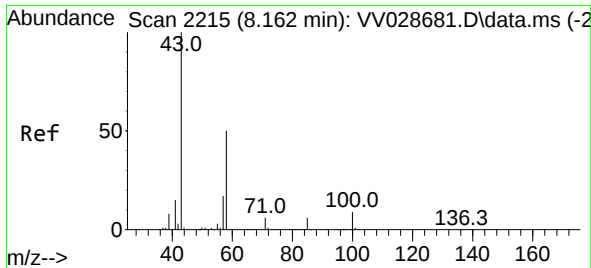
Tgt Ion:	97	Resp:	88419
Ion Ratio	100	Lower	Upper
97	100		
99	62.6	44.0	81.6
83	90.7	66.2	123.0
85	56.4	44.2	82.0



#47
Tetrachloroethene
Concen: 10.826 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.007 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

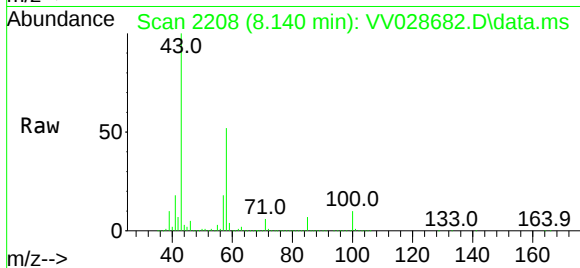
Tgt Ion:	164	Resp:	86525
Ion Ratio	100	Lower	Upper
164	100		
129	94.7	69.2	128.6
131	92.6	64.2	119.2
166	122.4	87.3	162.1



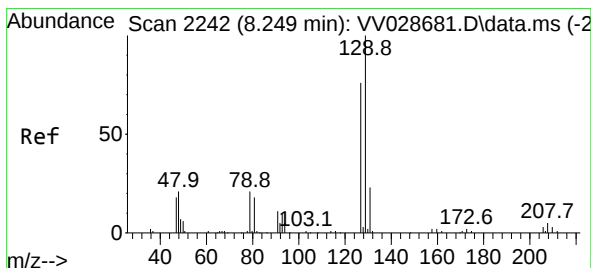
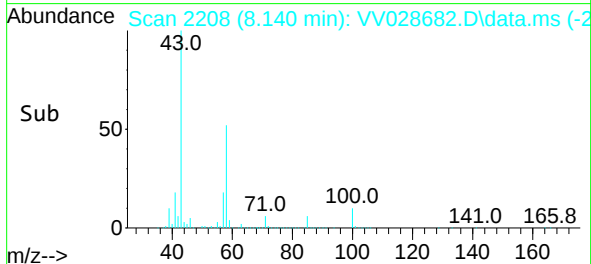
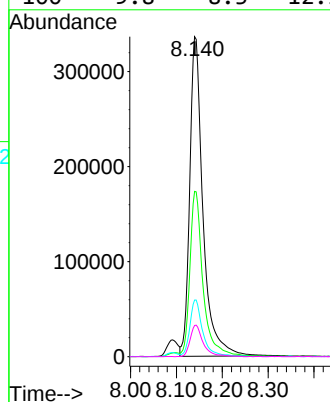


#48
2-Hexanone
Concen: 127.151 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.023 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

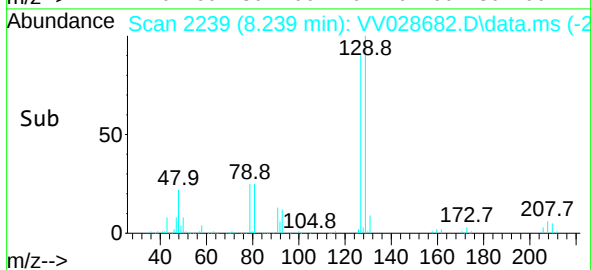
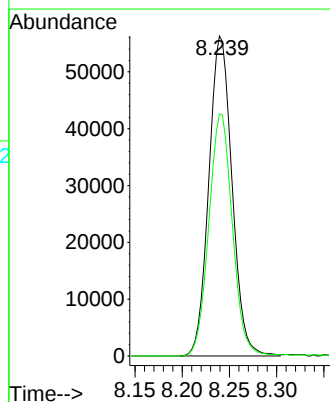
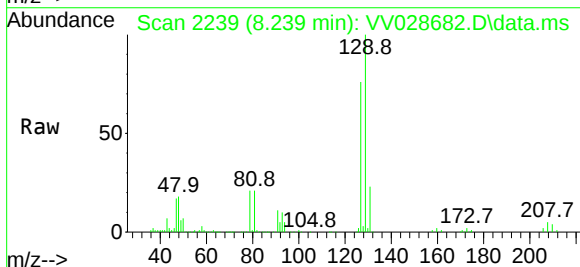


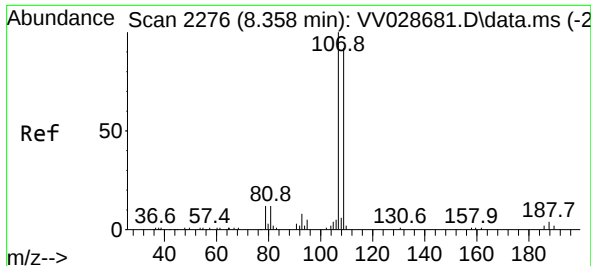
Tgt Ion: 43 Resp: 676270
Ion Ratio Lower Upper
43 100
58 50.6 40.6 60.8
57 16.9 13.8 20.8
100 9.8 8.3 12.5



#49
Dibromochloromethane
Concen: 12.505 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.010 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion: 129 Resp: 96080
Ion Ratio Lower Upper
129 100
127 75.7 51.6 95.8





#50

1,2-Dibromoethane

Concen: 10.735 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.010 min

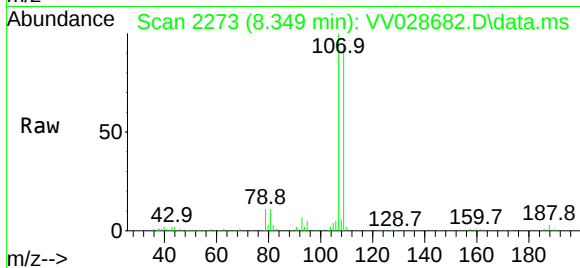
Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

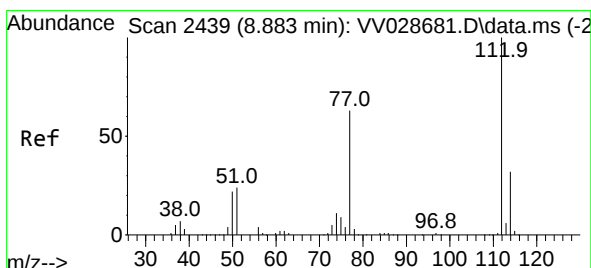
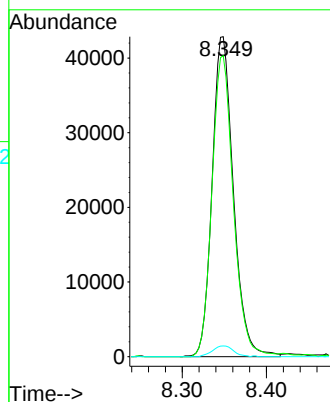
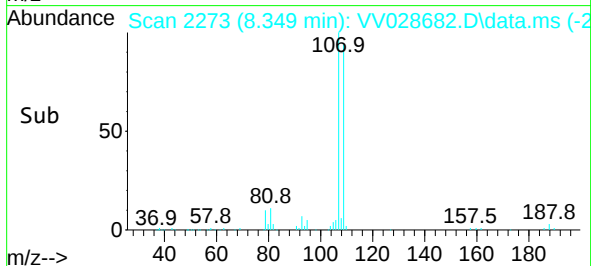
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	75154
Ion	Ratio	Lower	Upper
107	100		
109	94.0	64.0	118.8
188	3.4	2.9	4.3



#51

Chlorobenzene

Concen: 10.709 ug/L

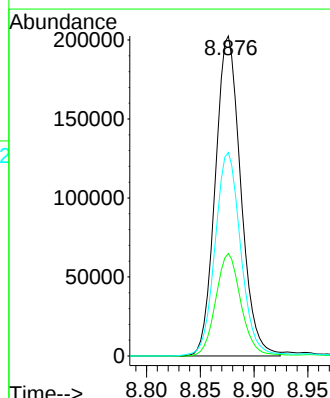
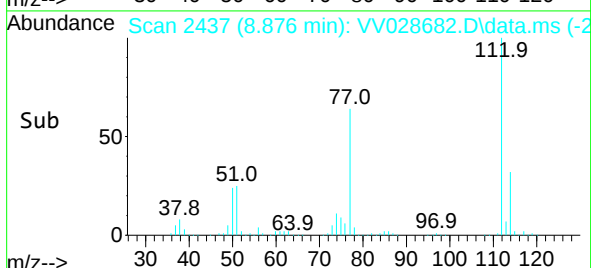
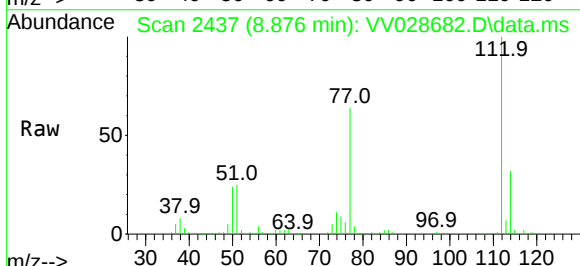
RT: 8.876 min Scan# 2437

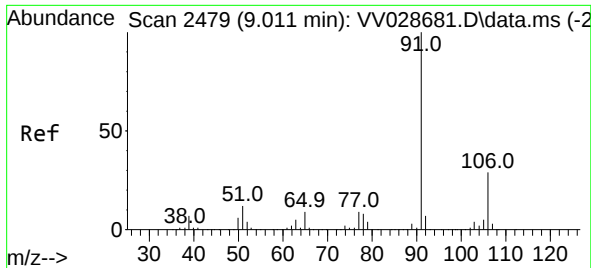
Delta R.T. -0.007 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Tgt Ion:	112	Resp:	333532
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	63.6	50.0	75.0

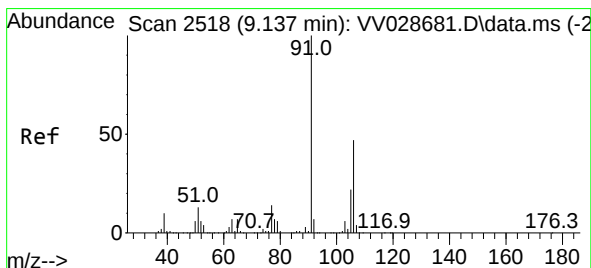
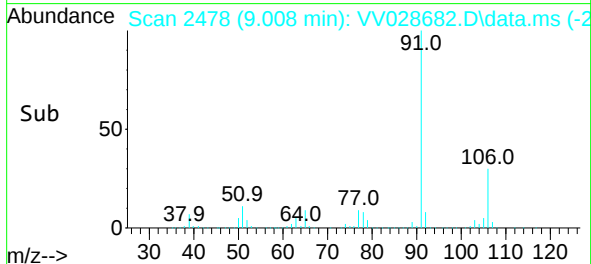
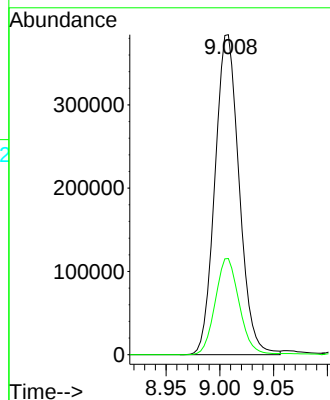
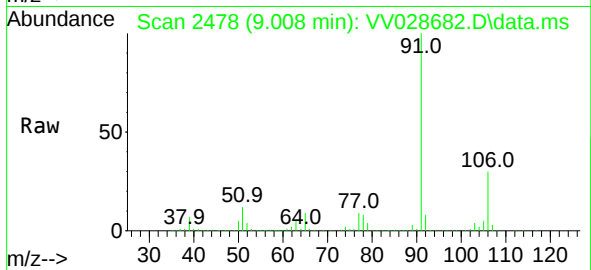




#52
Ethylbenzene
Concen: 10.895 ug/L
RT: 9.008 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

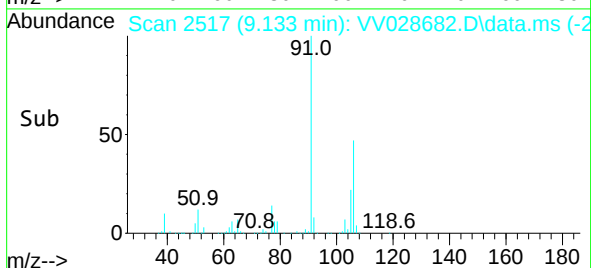
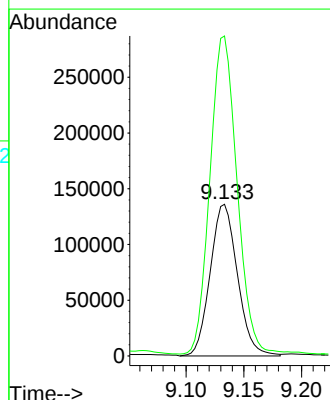
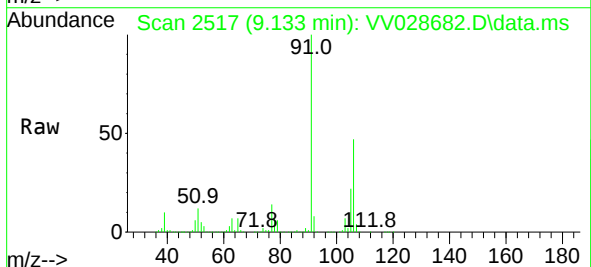
Instrument :
MSVOA_V
ClientSampleId :

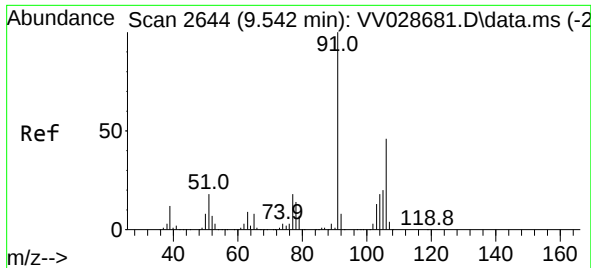
Tgt Ion: 91 Resp: 601764
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.6



#53
m,p-Xylene
Concen: 11.194 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:106 Resp: 223452
Ion Ratio Lower Upper
106 100
91 210.9 145.5 270.1

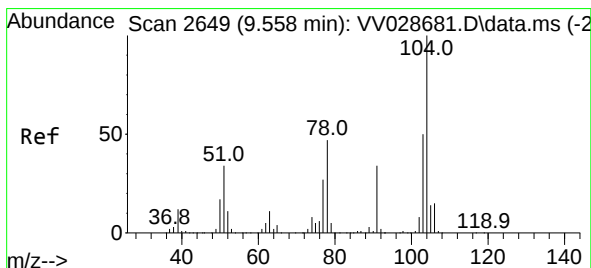
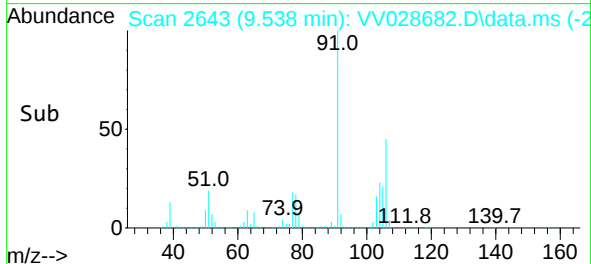
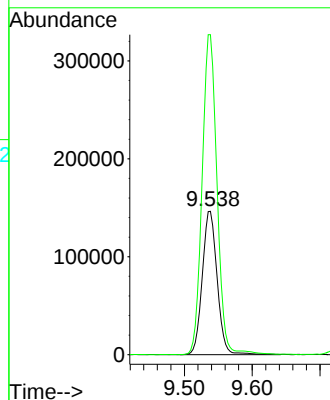
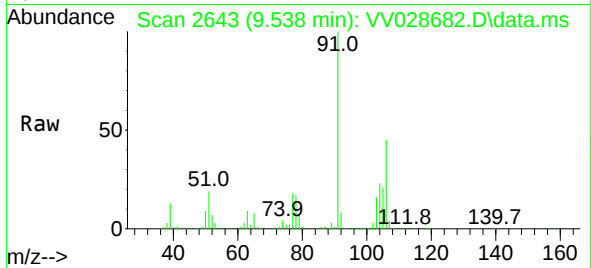




#54
o-Xylene
Concen: 11.166 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

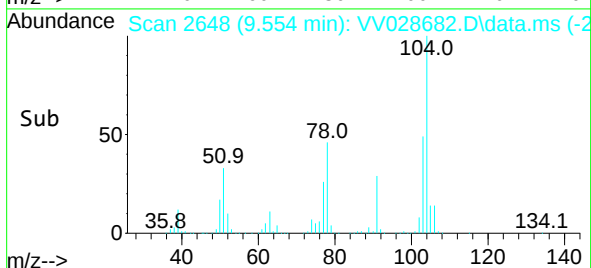
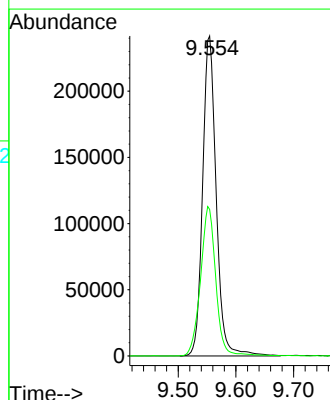
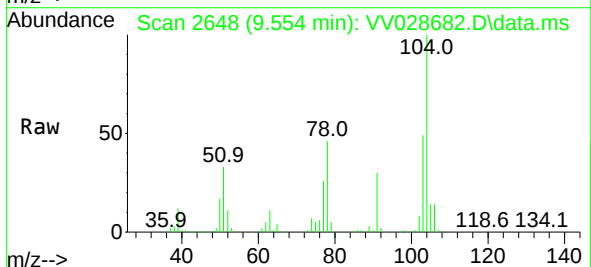
Instrument :
MSVOA_V
ClientSampleId :

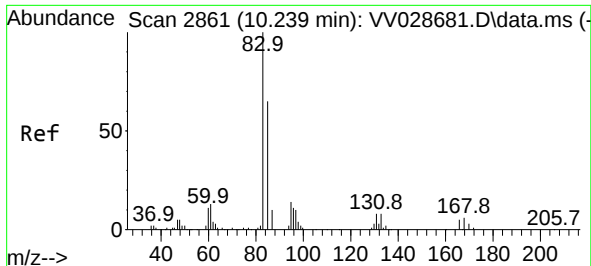
Tgt Ion:106 Resp: 223261
Ion Ratio Lower Upper
106 100
91 223.2 159.0 295.4



#55
Styrene
Concen: 11.607 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:104 Resp: 394517
Ion Ratio Lower Upper
104 100
78 45.8 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 11.780 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

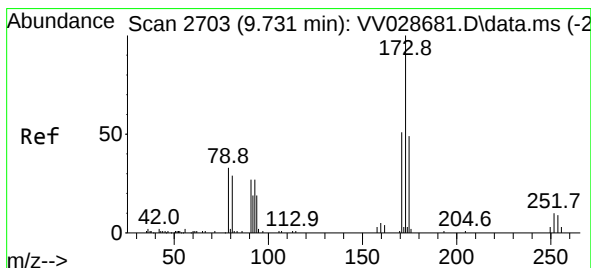
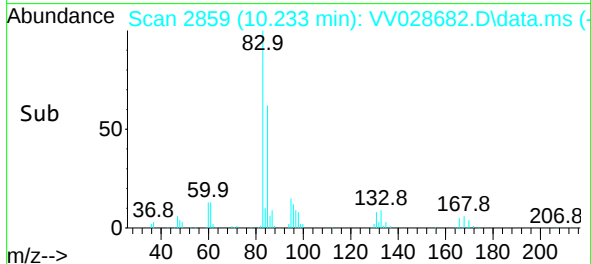
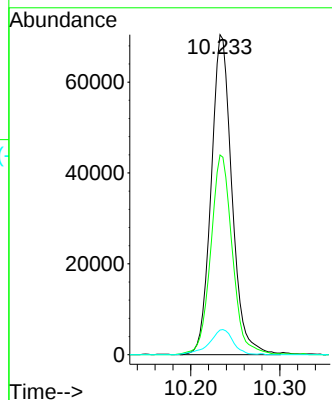
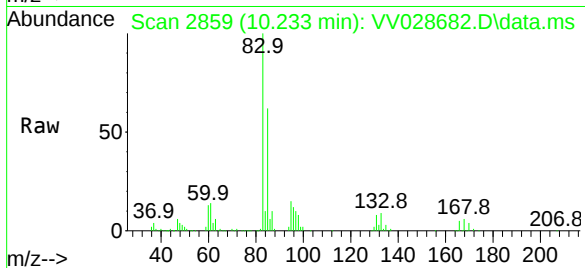
Tgt Ion: 83 Resp: 114024

Ion Ratio Lower Upper

83 100

85 62.4 43.0 80.0

131 7.7 6.5 9.7



#59

Bromoform

Concen: 12.852 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.007 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

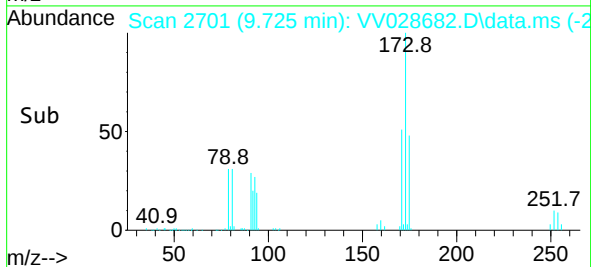
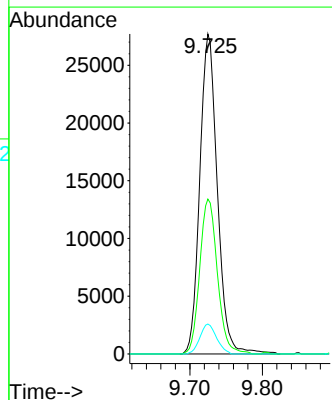
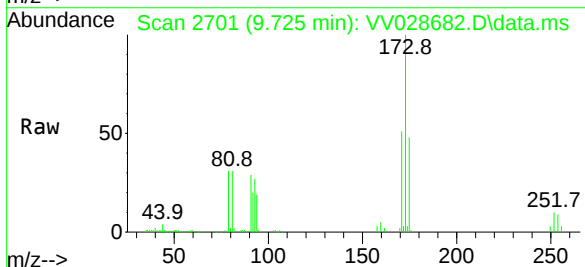
Tgt Ion: 173 Resp: 46537

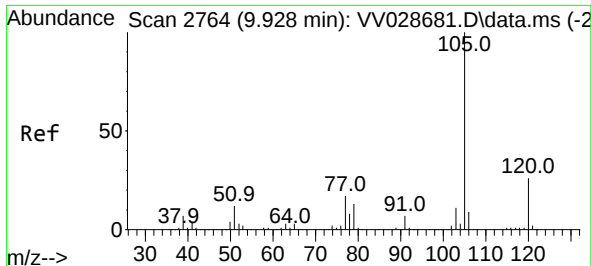
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

254 8.9 7.3 10.9

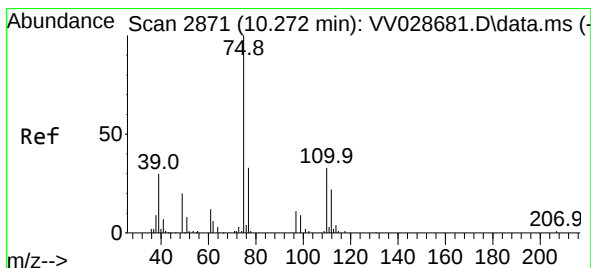
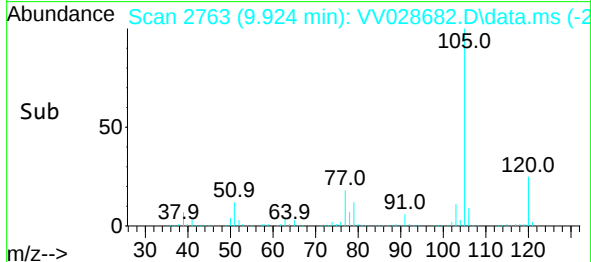
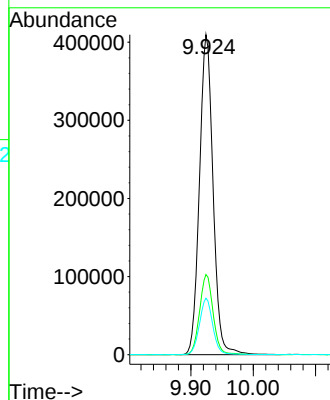
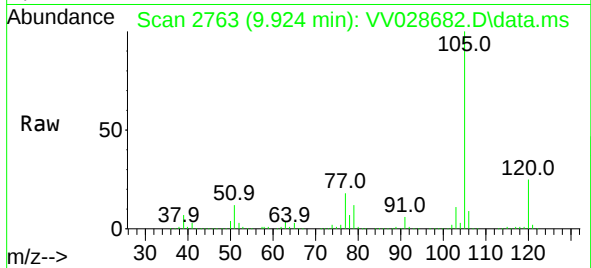




#60
Isopropylbenzene
Concen: 10.454 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

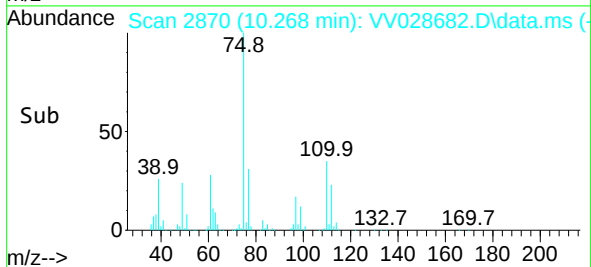
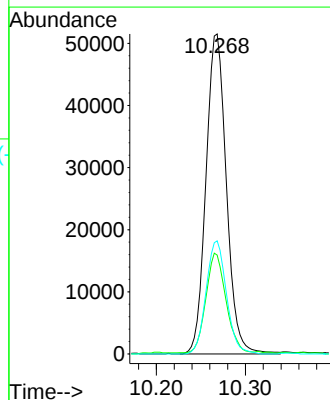
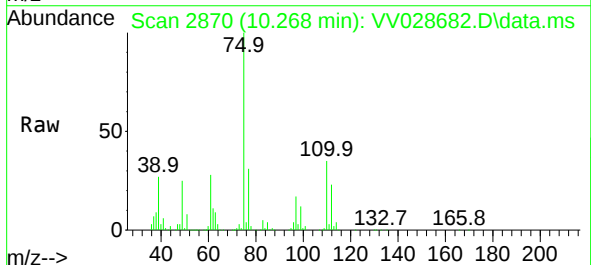
Instrument :
MSVOA_V
ClientSampleId :

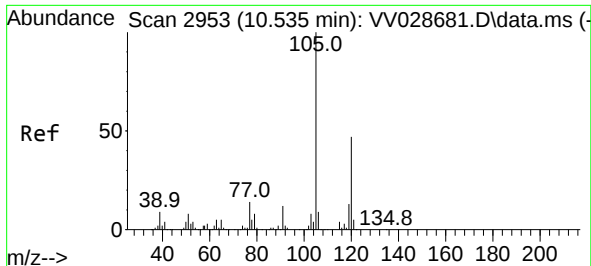
Tgt Ion:105 Resp: 621382
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 10.580 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion: 75 Resp: 82046
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
110 35.2 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 10.418 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

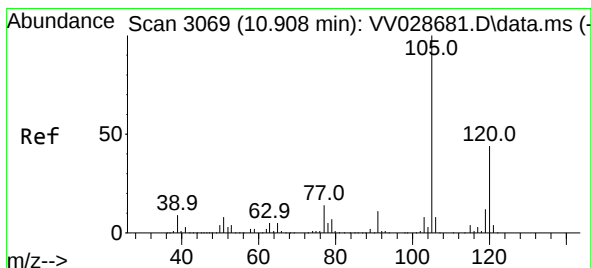
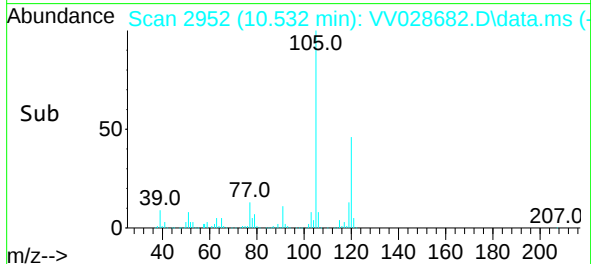
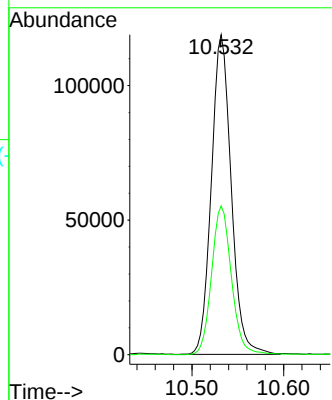
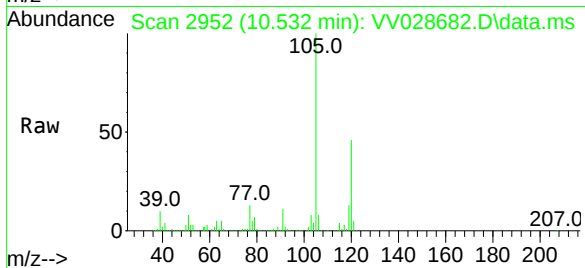
ClientSampleId :

Tgt Ion:105 Resp: 178516

Ion Ratio Lower Upper

105 100

120 46.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 11.159 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028682.D

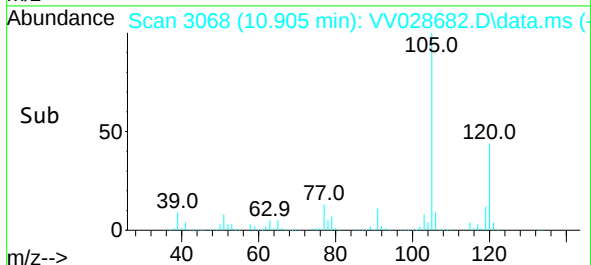
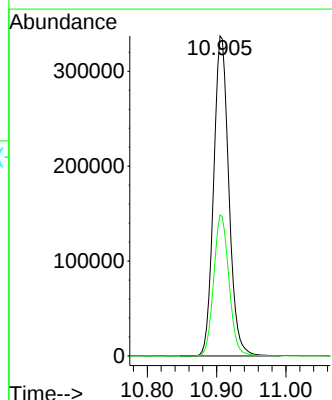
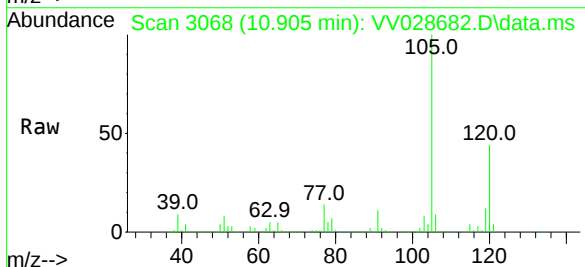
Acq: 25 Oct 2022 11:47

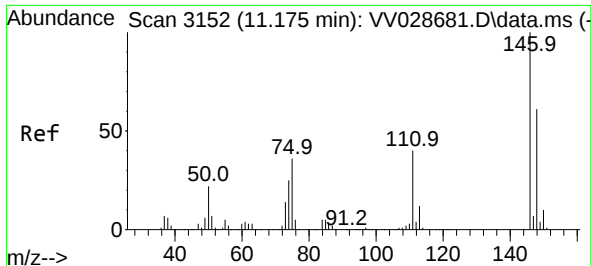
Tgt Ion:105 Resp: 513050

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2

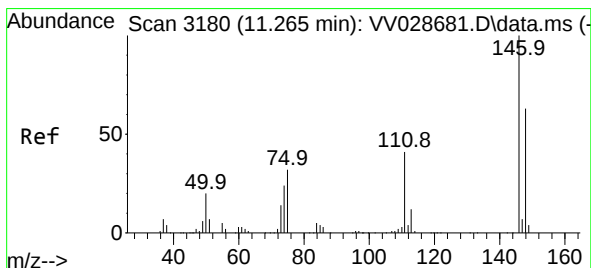
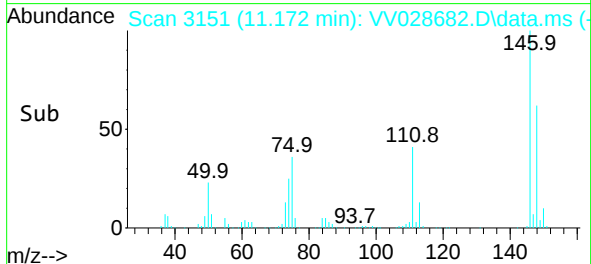
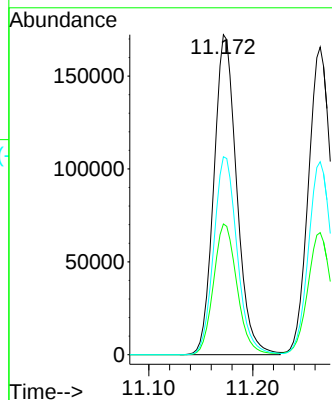
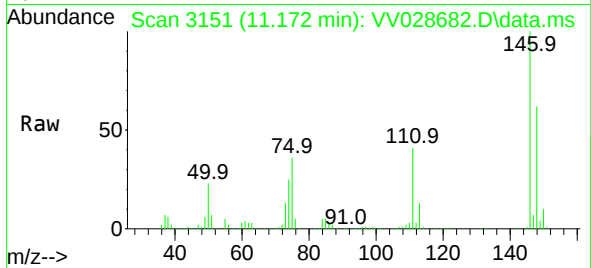




#64
1,3-Dichlorobenzene
Concen: 11.166 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

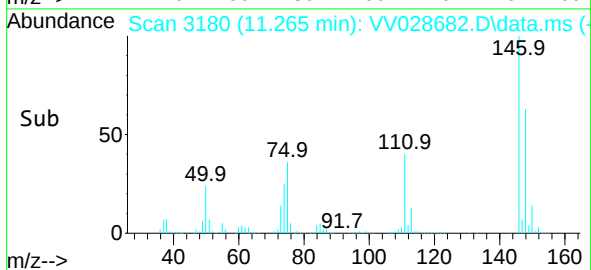
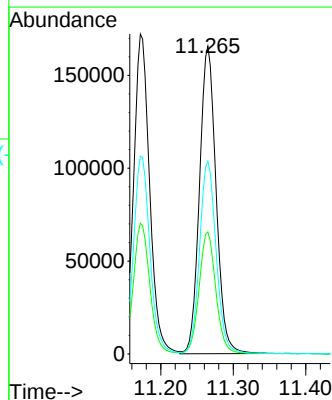
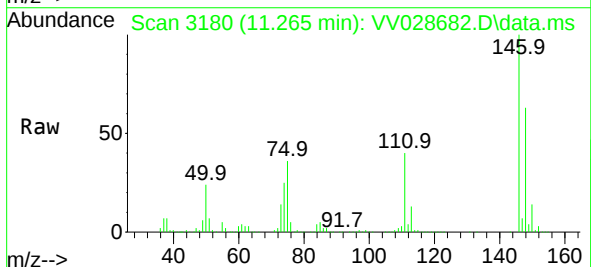
Instrument :
MSVOA_V
ClientSampleId :

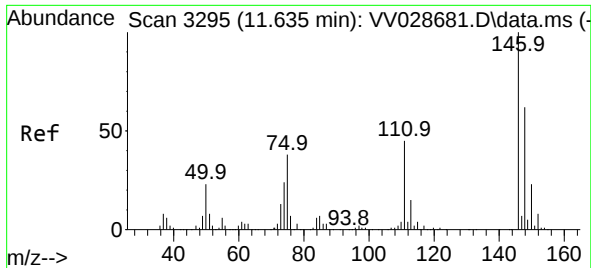
Tgt Ion:146 Resp: 264009
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.9
148 61.8 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 11.068 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:146 Resp: 263003
Ion Ratio Lower Upper
146 100
111 39.7 28.6 53.2
148 62.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 11.119 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

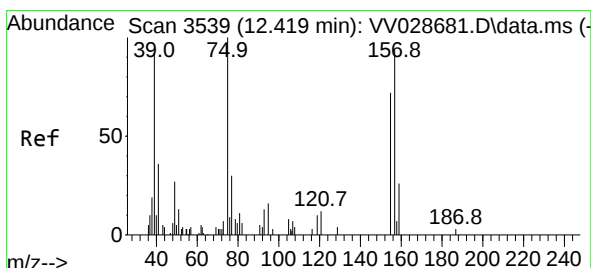
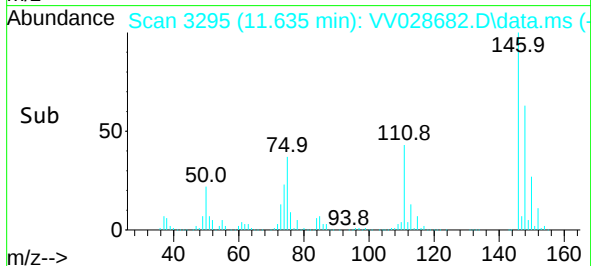
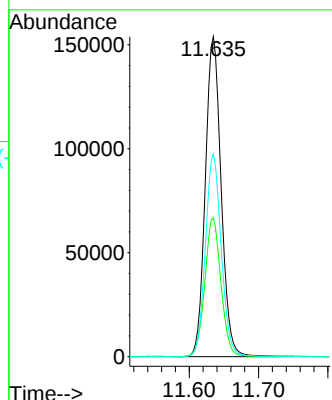
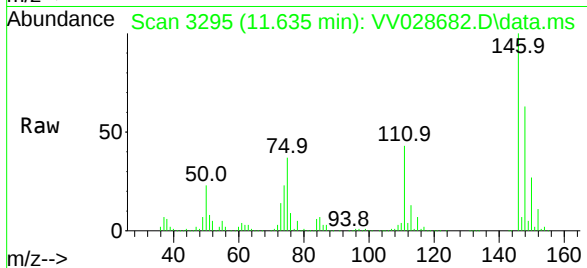
Tgt Ion:146 Resp: 243467

Ion Ratio Lower Upper

146 100

111 43.4 36.2 54.4

148 63.3 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 11.894 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV028682.D

Acq: 25 Oct 2022 11:47

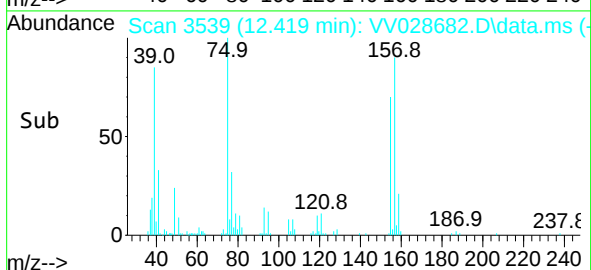
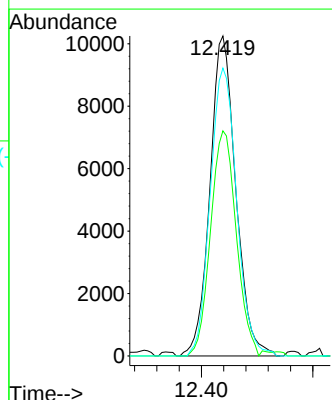
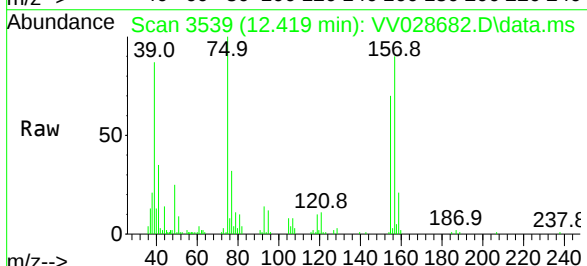
Tgt Ion: 75 Resp: 16527

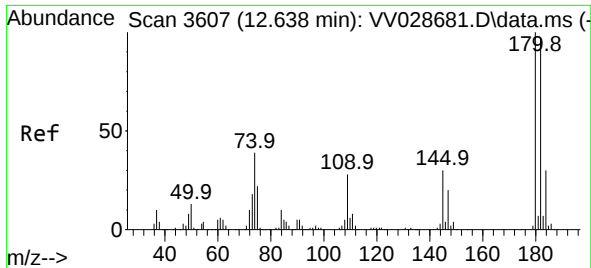
Ion Ratio Lower Upper

75 100

155 70.3 58.2 87.2

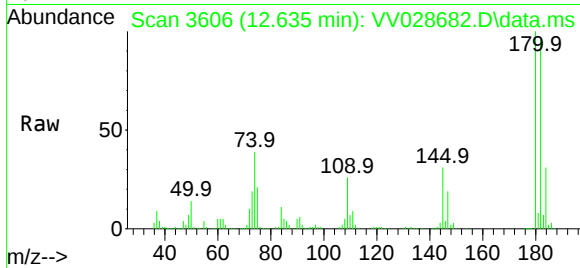
157 90.0 71.5 107.3



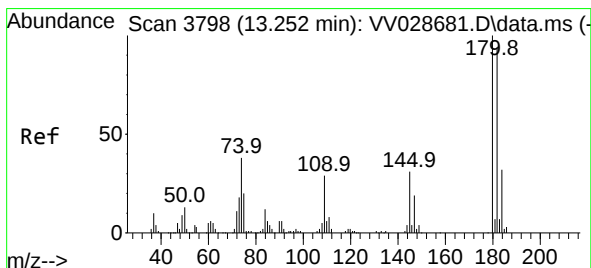
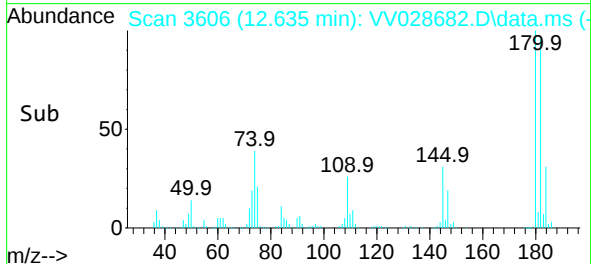
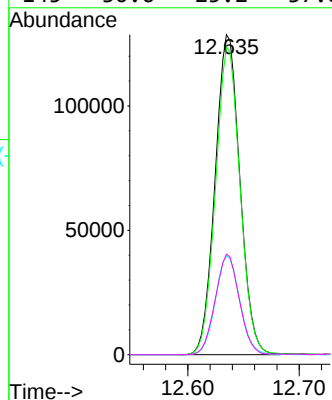


#69
1,3,5-Trichlorobenzene
Concen: 11.777 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

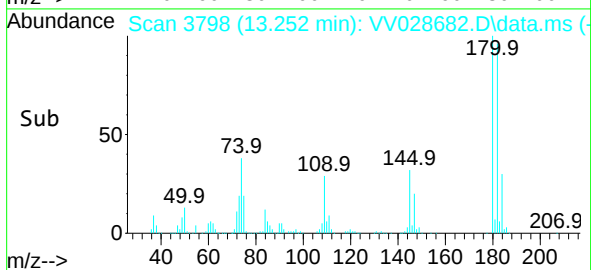
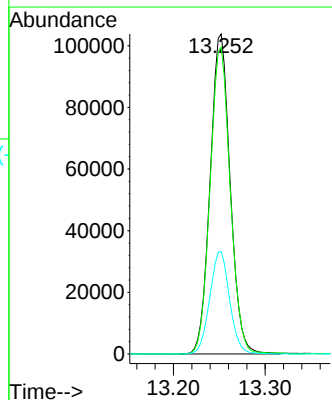
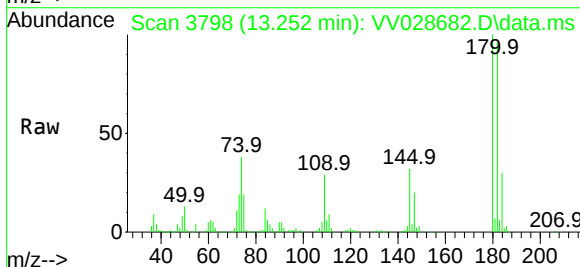


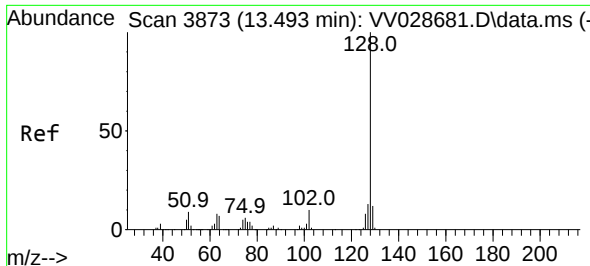
Tgt Ion:180 Resp: 198862
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
184 30.4 24.3 36.5
145 30.6 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 11.876 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:180 Resp: 157527
Ion Ratio Lower Upper
180 100
182 96.2 74.7 112.1
145 31.8 25.5 38.3

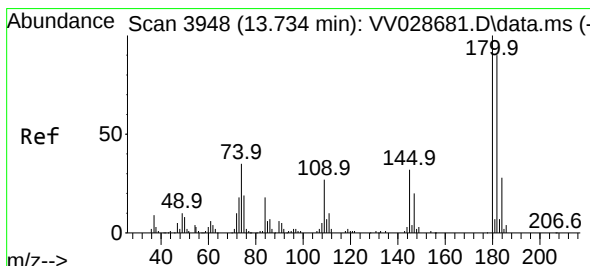
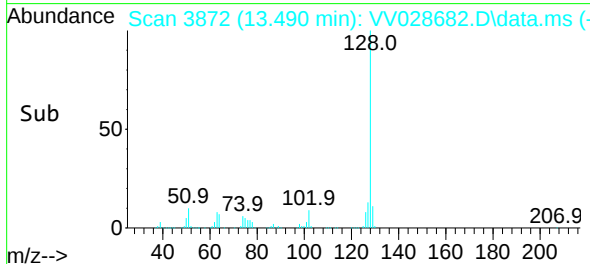
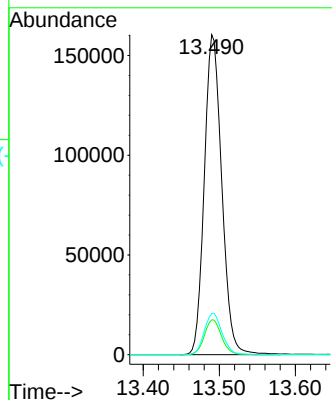
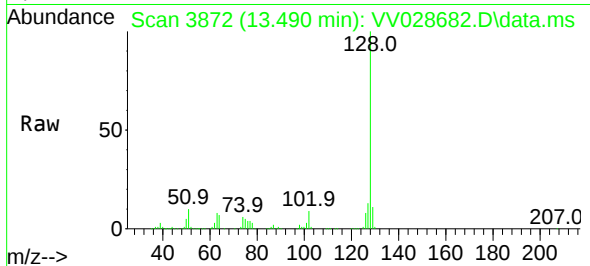




#71
Naphthalene
Concen: 11.327 ug/L
RT: 13.490 min Scan# 3873
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 255772
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 11.876 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028682.D
Acq: 25 Oct 2022 11:47

Tgt Ion:180 Resp: 137884
Ion Ratio Lower Upper
180 100
182 97.0 73.4 110.0
145 34.0 26.3 39.5

