

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027680.D
 Acq On : 01 Sep 2022 20:37
 Operator : SY/MD
 Sample : N4366-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	143594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59879	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.558	69	52301	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.098	63	92901	3.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.953	46	147595	55.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	4.336	84	134600	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.027	65	65564	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.037	84	256899	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	79540	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.310	98	206293	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.622	79	21683	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.098	63	87523	44.213	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47093	4.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64623	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	831	0.044	ug/L #	77
5) Vinyl chloride	1.301	62	9669	0.542	ug/L #	80
12) 1,1-Dichloroethene	2.101	96	1893	0.158	ug/L #	1
13) Acetone	2.118	43	43716	24.496	ug/L	72
15) Methyl Acetate	2.481	43	346324	73.148	ug/L #	53
17) Methyl tert-butyl Ether	2.773	73	84223	3.289	ug/L #	74
18) trans-1,2-Dichloroethene	2.744	96	396764	29.205	ug/L	98
21) 2-Butanone	3.854	43	14897	6.155	ug/L	81
22) cis-1,2-Dichloroethene	3.896	96	299390	22.080	ug/L #	99
30) Cyclohexane	4.651	56	9007	0.458	ug/L	94
33) Benzene	5.088	78	18949	0.360	ug/L	100
34) Trichloroethene	5.902	95	99577	7.701	ug/L	99
35) Methylcyclohexane	6.066	83	27386	1.365	ug/L #	52
37) 1,2-Dichloropropane	6.066	63	9543	0.718	ug/L #	95
38) Bromodichloromethane	6.551	83	2036	0.121	ug/L #	25
44) trans-1,3-Dichloropropene	7.622	75	1167	0.088	ug/L #	28
45) 1,1,2-Trichloroethane	7.780	97	9666	1.128	ug/L #	20
47) Tetrachloroethene	7.969	164	4636	0.442	ug/L	93
49) Dibromochloromethane	7.969	129	3792	0.374	ug/L #	12

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027680.D
 Acq On : 01 Sep 2022 20:37
 Operator : SY/MD
 Sample : N4366-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

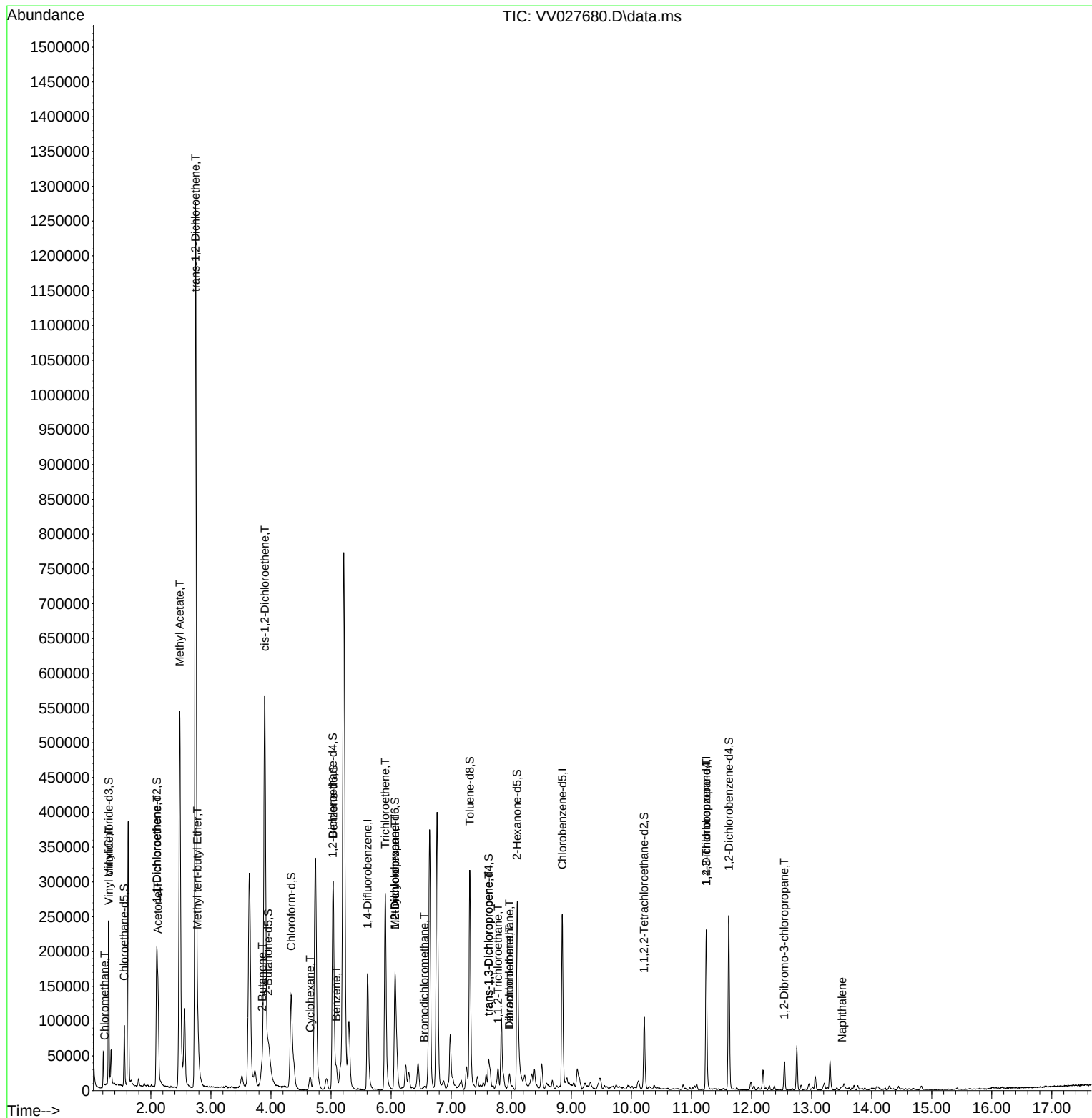
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.246	75	6536	1.105	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.545	75	403	0.342	ug/L #	8
71) Naphthalene	13.509	128	1056	0.059	ug/L #	47

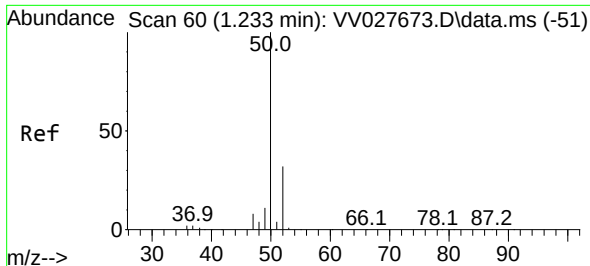
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027680.D
Acq On : 01 Sep 2022 20:37
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 02 00:19:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 00:17:48 2022
Response via : Initial Calibration

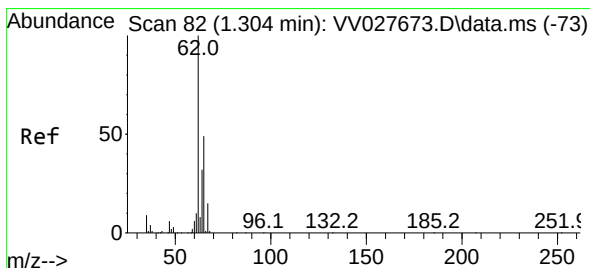
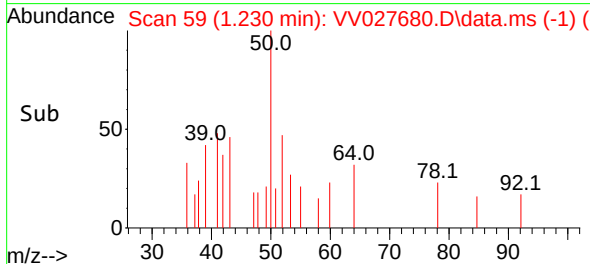
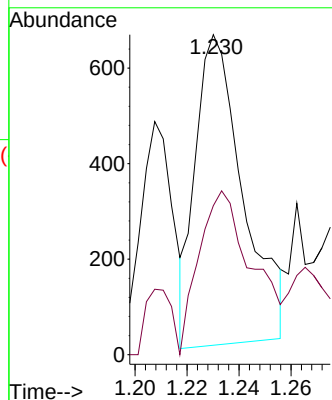
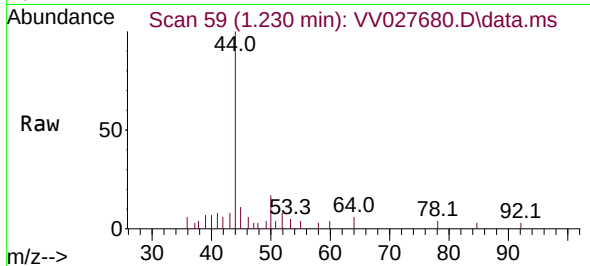




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

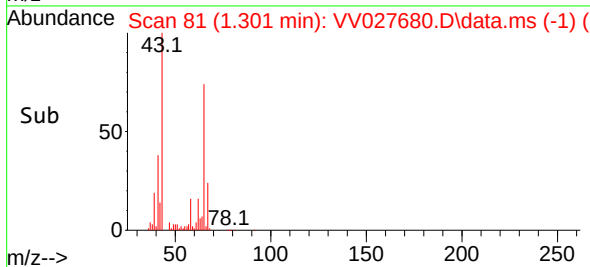
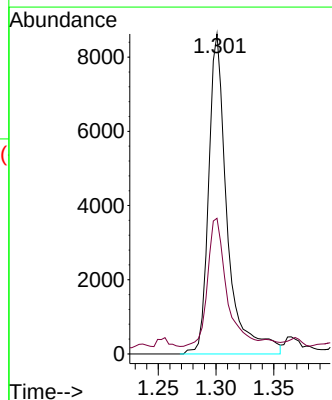
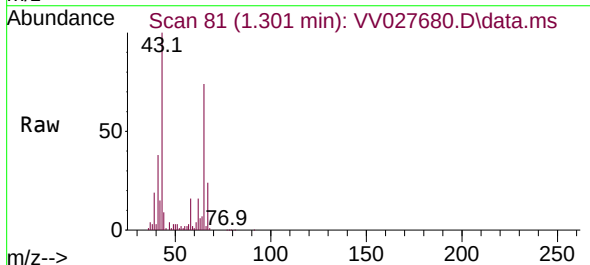
Instrument :
MSVOA_V
ClientSampleId :

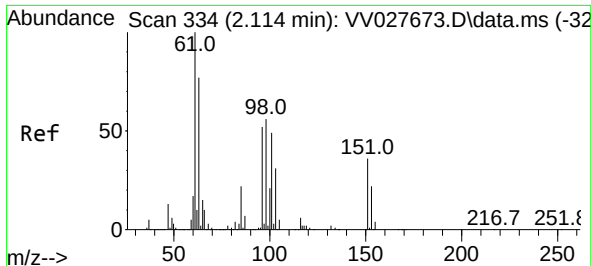
Tgt Ion: 50 Resp: 831
Ion Ratio Lower Upper
50 100
52 46.6 23.5 43.7#



#5
Vinyl chloride
Concen: 0.542 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Tgt Ion: 62 Resp: 9669
Ion Ratio Lower Upper
62 100
64 42.4 21.8 40.4#





#12

1,1-Dichloroethene

Concen: 0.158 ug/L

RT: 2.101 min Scan# 331

Delta R.T. -0.013 min

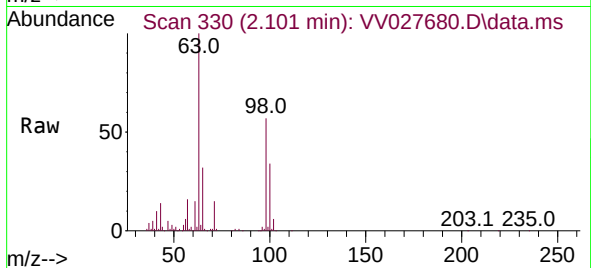
Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :



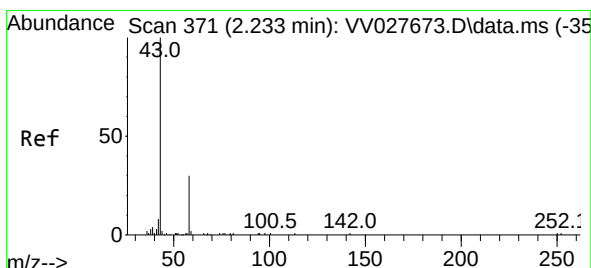
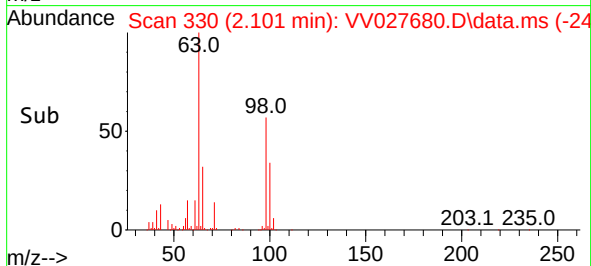
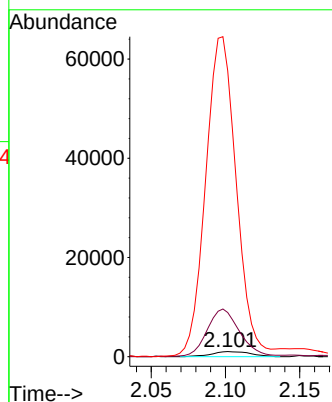
Tgt Ion: 96 Resp: 1893

Ion Ratio Lower Upper

96 100

61 867.4 134.3 249.3#

63 5612.5 105.7 196.3#



#13

Acetone

Concen: 24.496 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.116 min

Lab File: VV027680.D

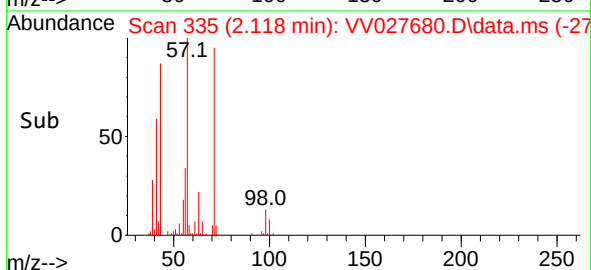
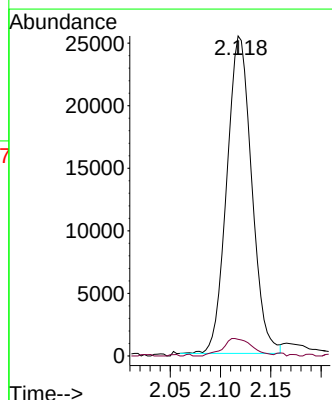
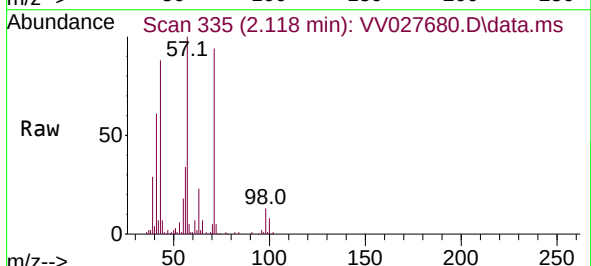
Acq: 01 Sep 2022 20:37

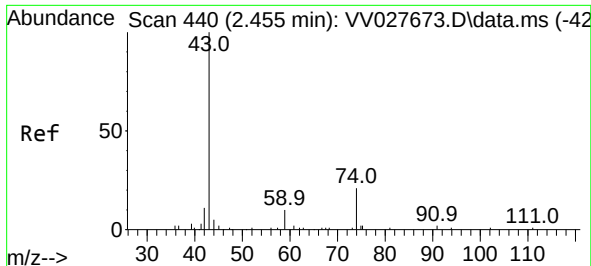
Tgt Ion: 43 Resp: 43716

Ion Ratio Lower Upper

43 100

58 6.4 0.0 38.4

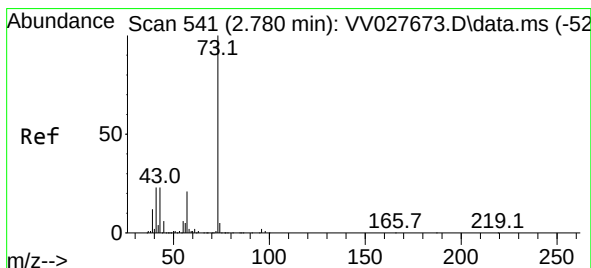
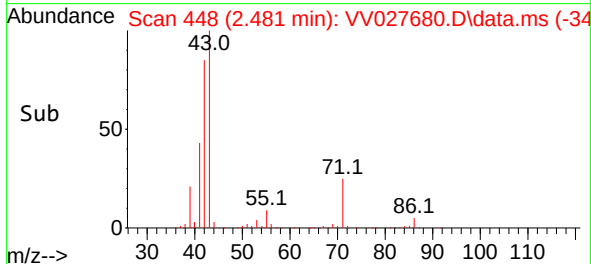
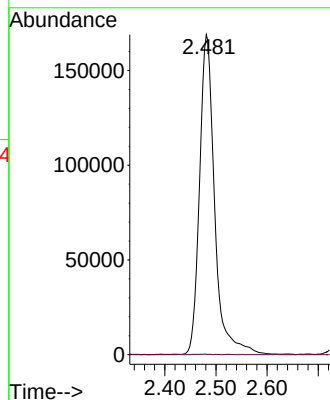
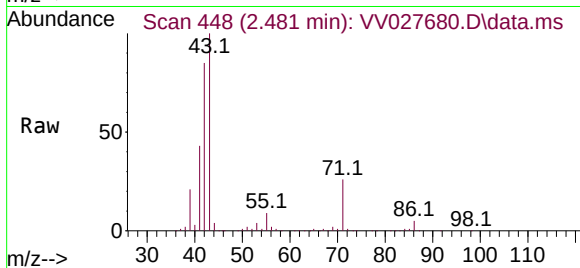




#15
Methyl Acetate
Concen: 73.148 ug/L
RT: 2.481 min Scan# 440
Delta R.T. 0.026 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

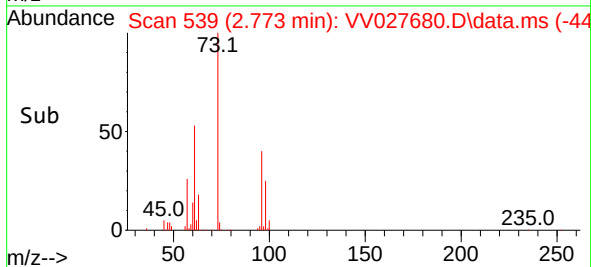
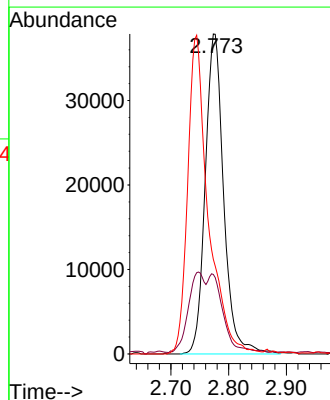
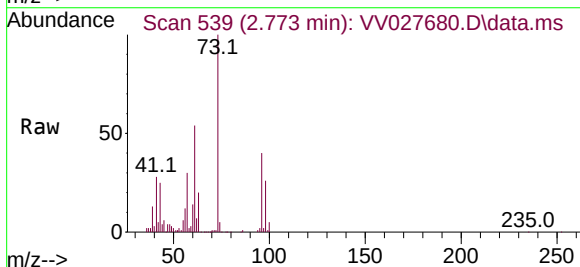
Instrument :
MSVOA_V
ClientSampleId :

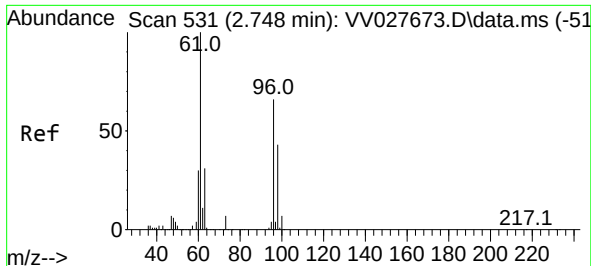
Tgt Ion: 43 Resp: 346324
Ion Ratio Lower Upper
43 100
74 0.1 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 3.289 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

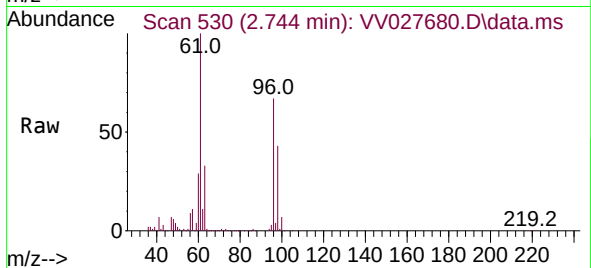
Tgt Ion: 73 Resp: 84223
Ion Ratio Lower Upper
73 100
43 18.9 16.5 24.7
57 0.0 18.2 27.2#





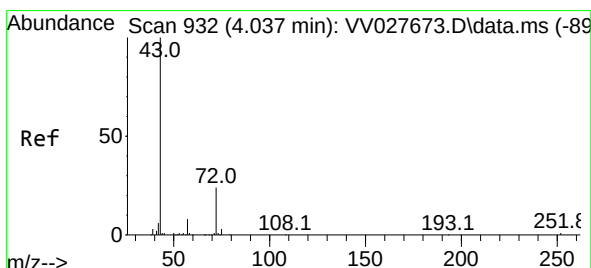
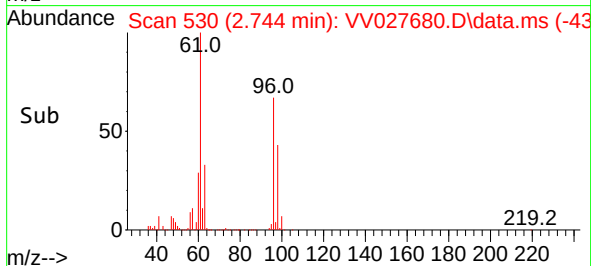
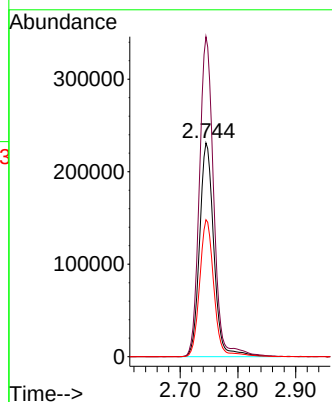
#18
trans-1,2-Dichloroethene
Concen: 29.205 ug/L
RT: 2.744 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 396764

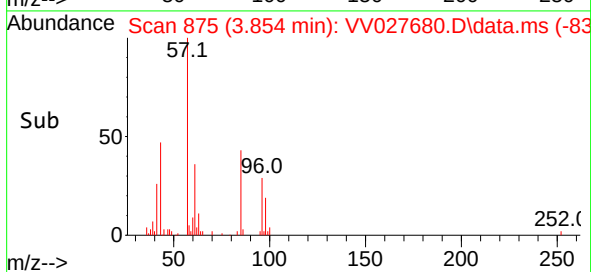
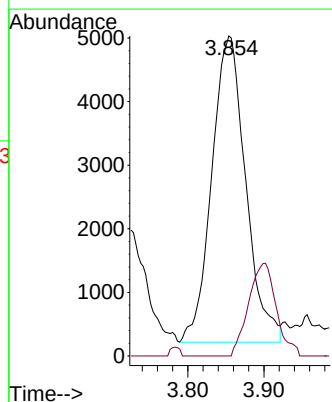
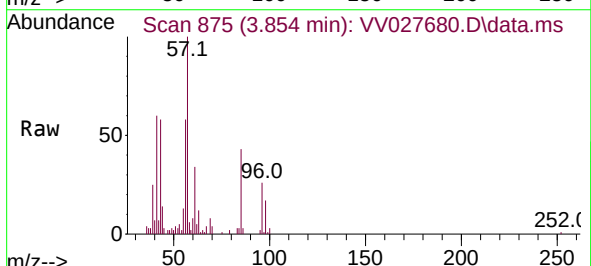
Ion	Ratio	Lower	Upper
96	100		
61	149.7	101.8	189.0
98	64.1	44.9	83.3

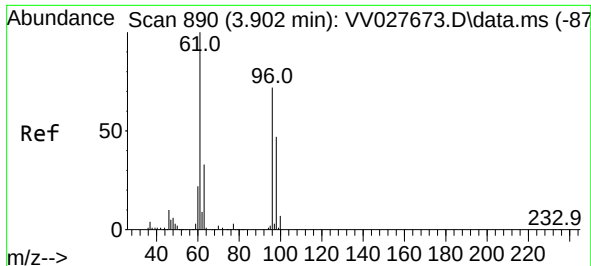


#21
2-Butanone
Concen: 6.155 ug/L
RT: 3.854 min Scan# 875
Delta R.T. -0.183 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Tgt Ion: 43 Resp: 14897

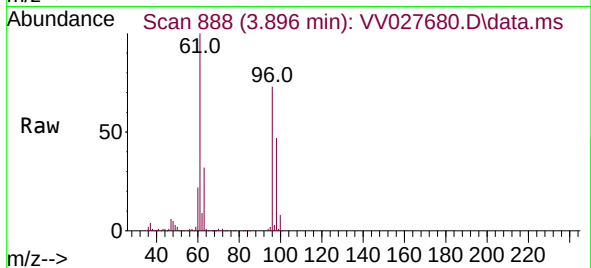
Ion	Ratio	Lower	Upper
43	100		
72	24.7	8.3	24.9



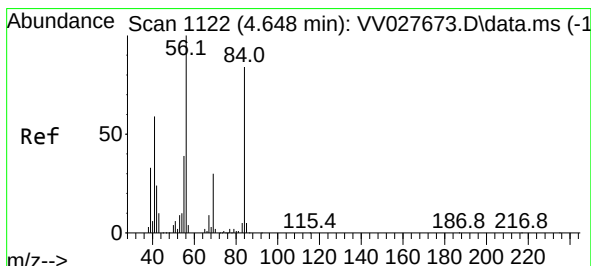
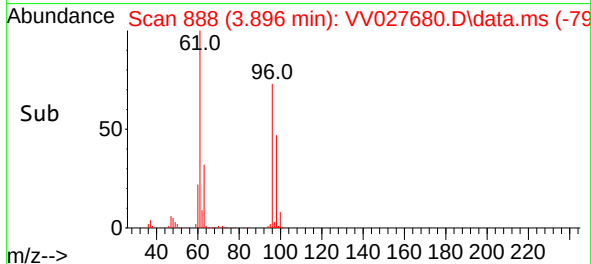
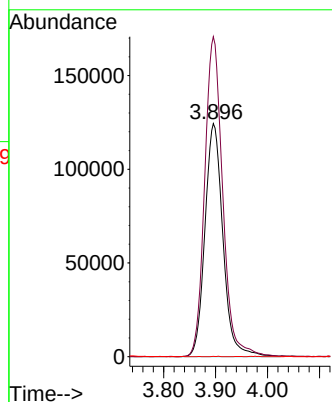


#22
 cis-1,2-Dichloroethene
 Concen: 22.080 ug/L
 RT: 3.896 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: VV027680.D
 Acq: 01 Sep 2022 20:37

Instrument :
 MSVOA_V
 ClientSampleId :

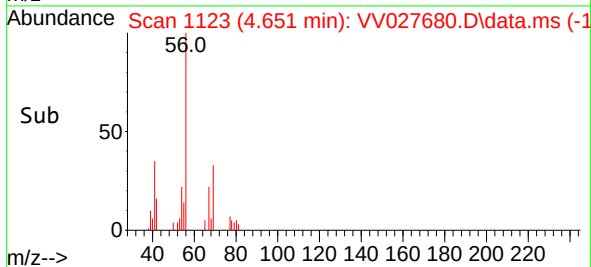
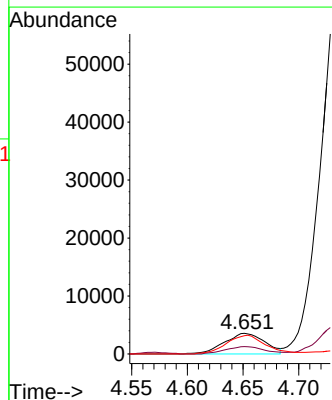
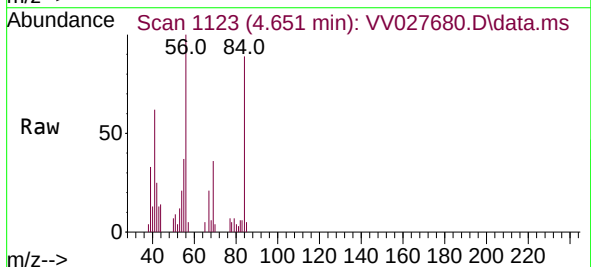


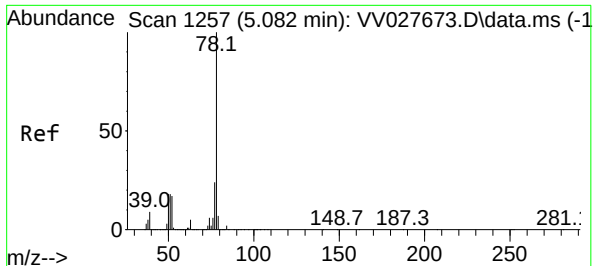
Tgt Ion: 96 Resp: 299390
 Ion Ratio Lower Upper
 96 100
 61 137.3 96.9 180.1
 68 0.1 0.0 0.0#



#30
 Cyclohexane
 Concen: 0.458 ug/L
 RT: 4.651 min Scan# 1123
 Delta R.T. 0.003 min
 Lab File: VV027680.D
 Acq: 01 Sep 2022 20:37

Tgt Ion: 56 Resp: 9007
 Ion Ratio Lower Upper
 56 100
 69 34.8 24.1 36.1
 84 88.0 66.9 100.3

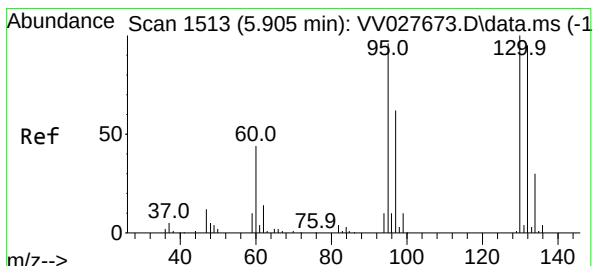
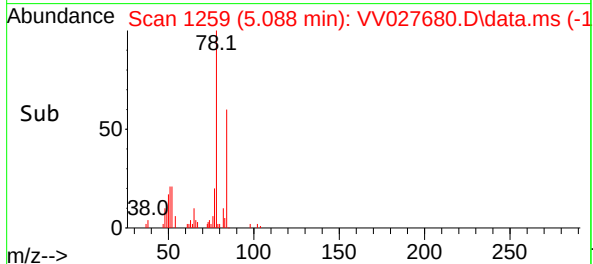
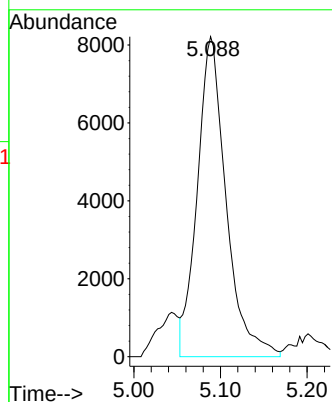
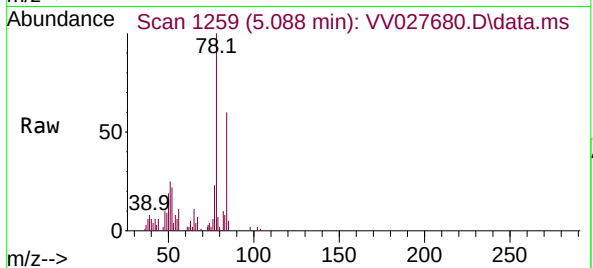




#33
Benzene
Concen: 0.360 ug/L
RT: 5.088 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :

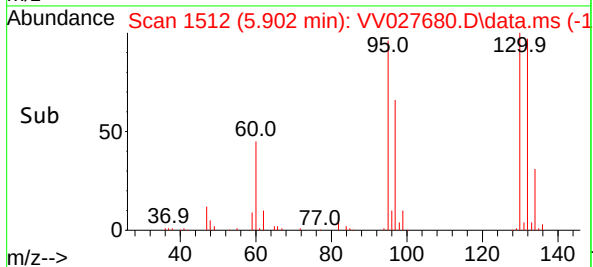
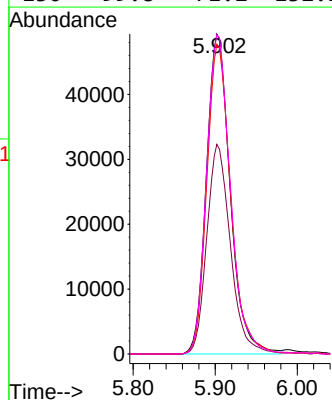
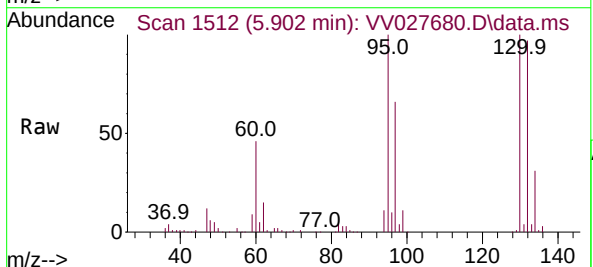
Tgt Ion: 78 Resp: 18949

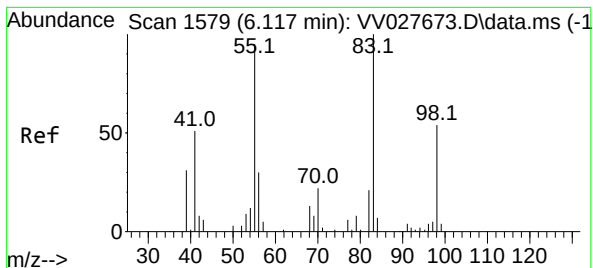


#34
Trichloroethene
Concen: 7.701 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. -0.003 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Tgt Ion: 95 Resp: 99577

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.1	85.5
132	96.8	67.3	125.1
130	99.8	71.2	132.2





#35

Methylcyclohexane

Concen: 1.365 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.051 min

Lab File: VV027680.D

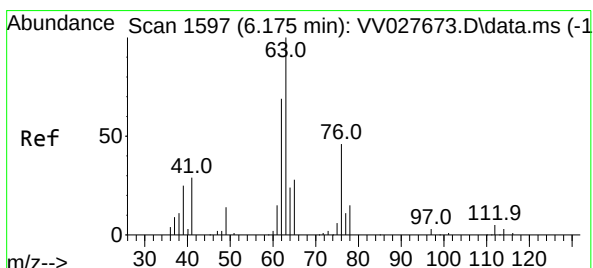
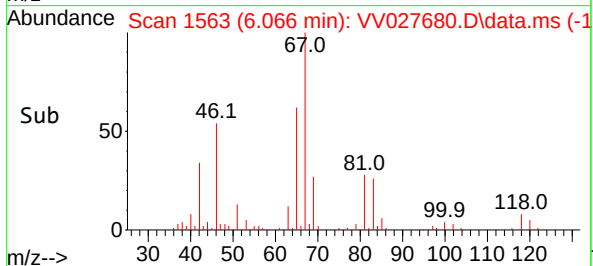
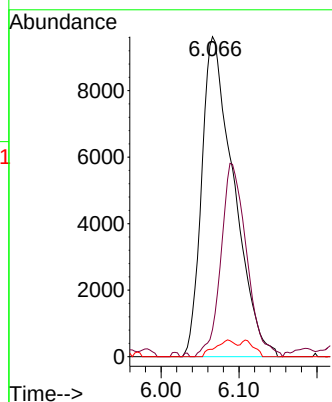
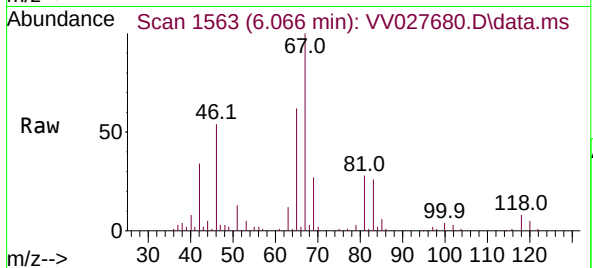
Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 27386
Ion Ratio	Lower Upper
83 100	
55 48.3	66.0 99.0#
98 3.3	36.9 55.3#



#37

1,2-Dichloropropane

Concen: 0.718 ug/L

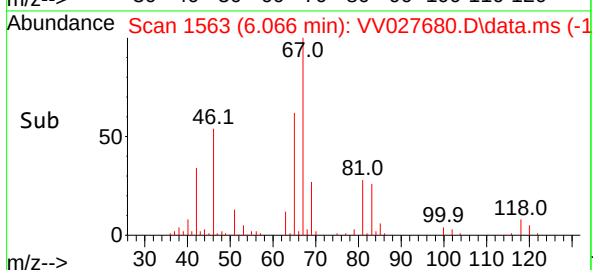
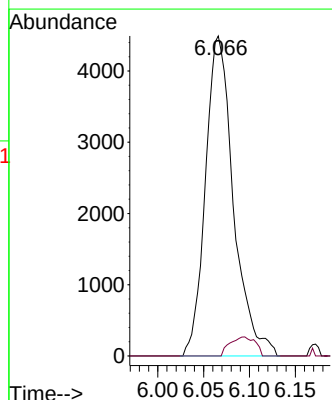
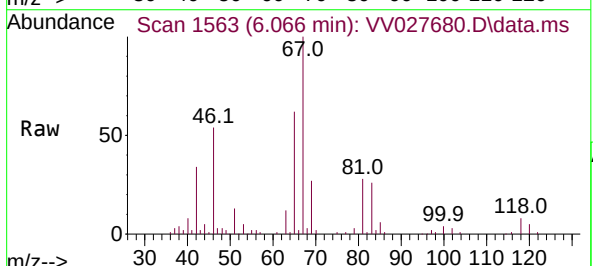
RT: 6.066 min Scan# 1563

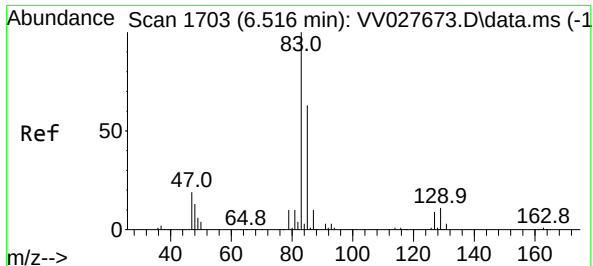
Delta R.T. -0.109 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Tgt Ion: 63	Resp: 9543
Ion Ratio	Lower Upper
63 100	
112 5.3	2.9 4.3#

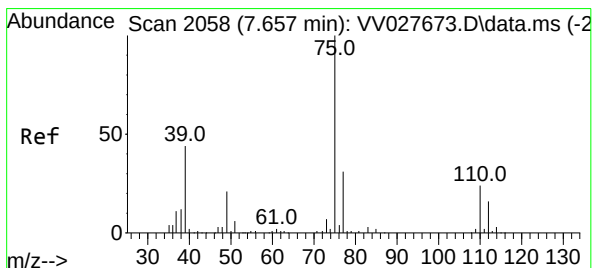
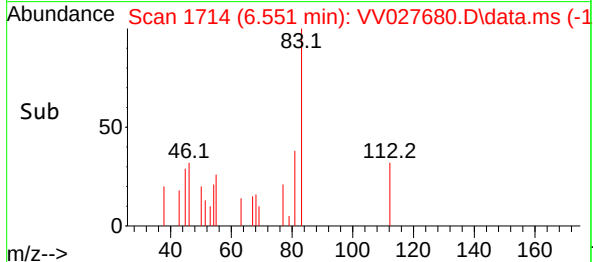
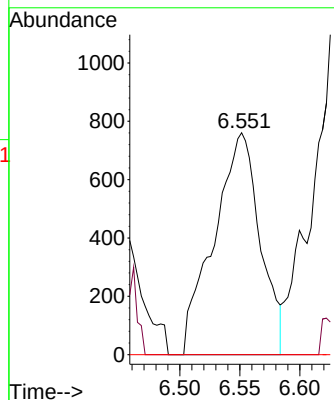
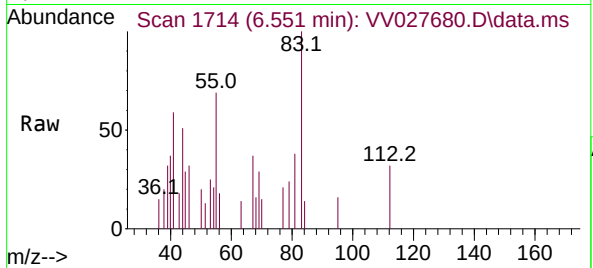




#38
Bromodichloromethane
Concen: 0.121 ug/L
RT: 6.551 min Scan# 1
Delta R.T. 0.035 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

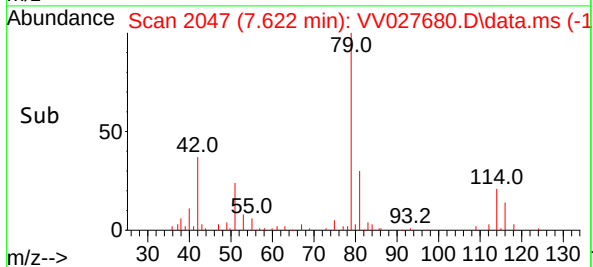
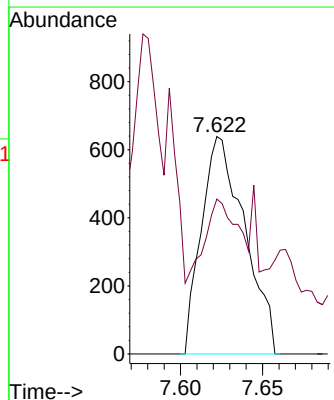
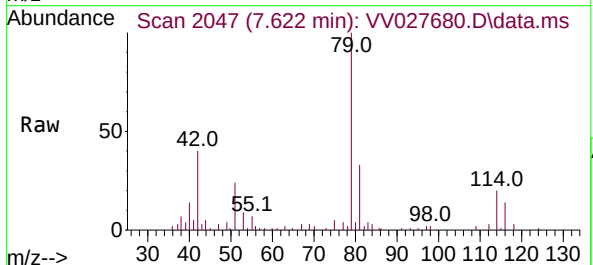
Instrument :
MSVOA_V
ClientSampleId :

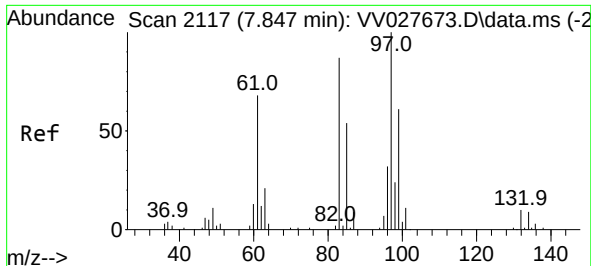
Tgt Ion: 83 Resp: 2036
Ion Ratio Lower Upper
83 100
85 0.0 45.2 84.0#
127 0.0 7.0 10.6#



#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.035 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
77 71.2 22.0 41.0#





#45

1,1,2-Trichloroethane

Concen: 1.128 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. -0.067 min

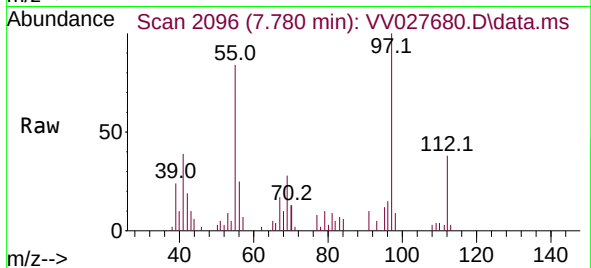
Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 9666

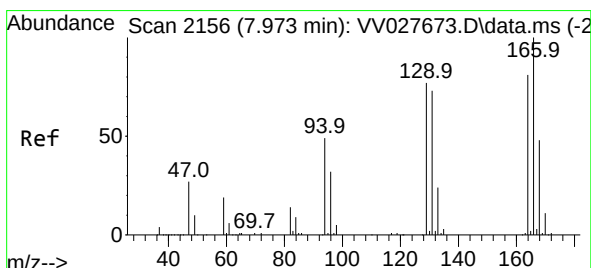
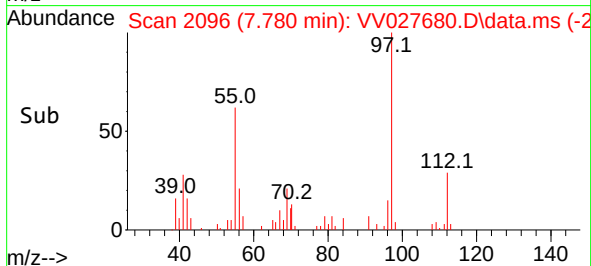
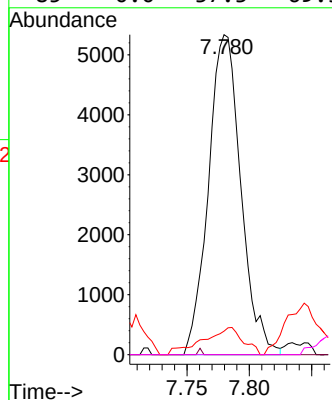
Ion Ratio Lower Upper

97 100

99 0.0 41.3 76.7#

83 7.4 57.5 106.9#

85 0.0 37.3 69.3#



#47

Tetrachloroethene

Concen: 0.442 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Tgt Ion:164 Resp: 4636

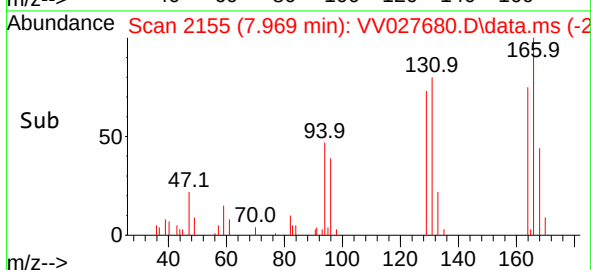
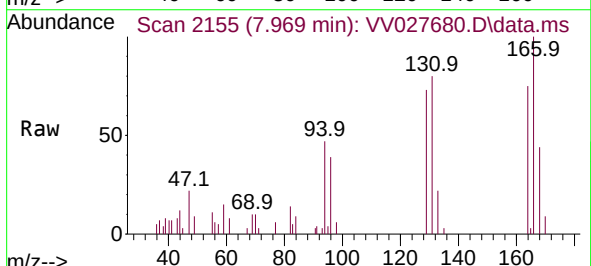
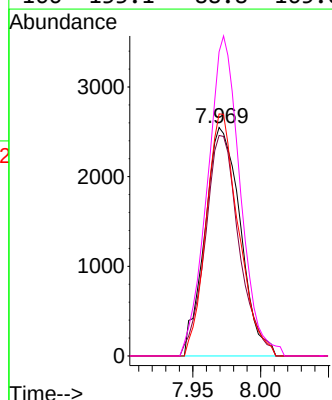
Ion Ratio Lower Upper

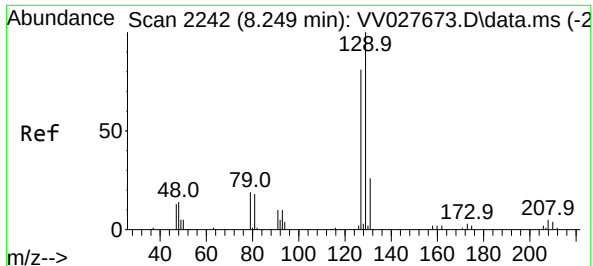
164 100

129 96.5 65.9 122.3

131 105.9 64.5 119.7

166 133.1 88.8 165.0





#49

Dibromochloromethane

Concen: 0.374 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.280 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

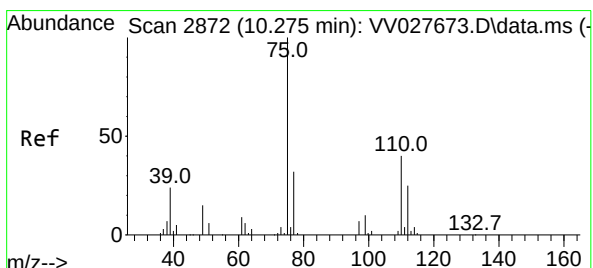
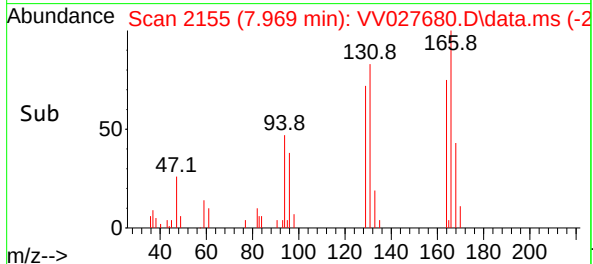
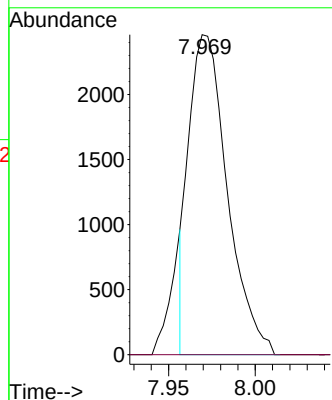
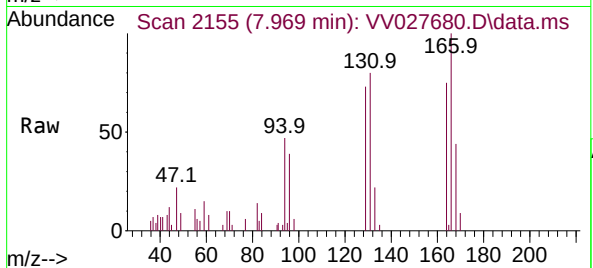
ClientSampleId :

Tgt Ion:129 Resp: 3792

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.105 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

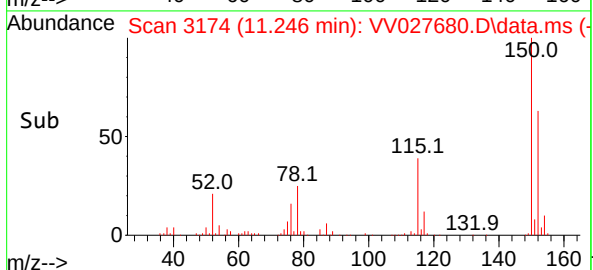
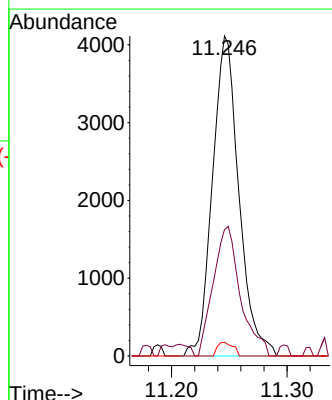
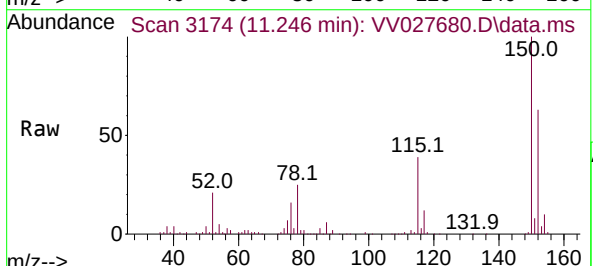
Tgt Ion: 75 Resp: 6536

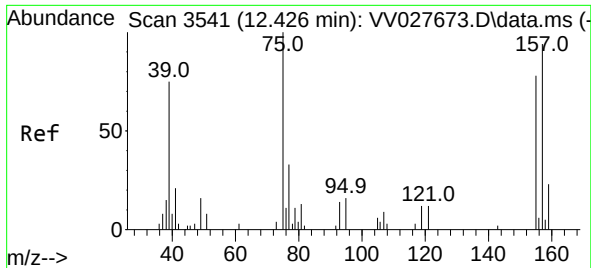
Ion Ratio Lower Upper

75 100

77 41.6 25.8 38.6#

110 2.5 29.8 44.8#

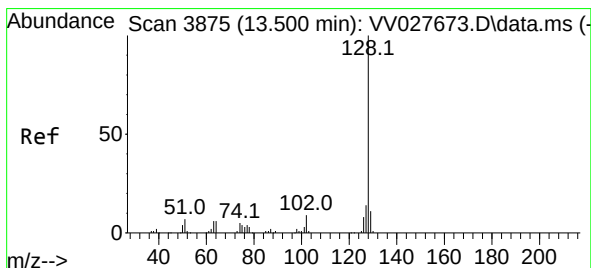
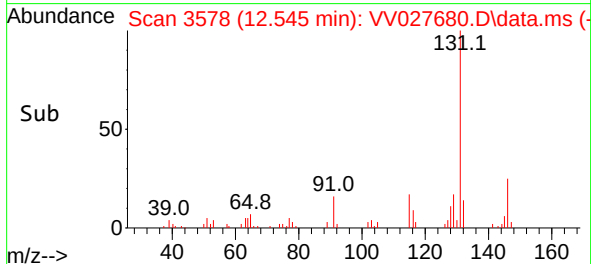
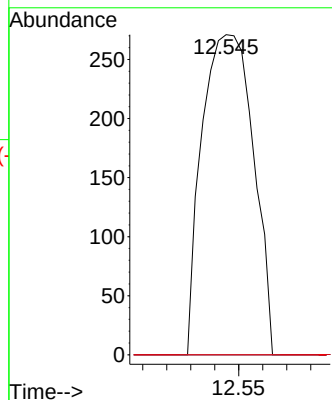
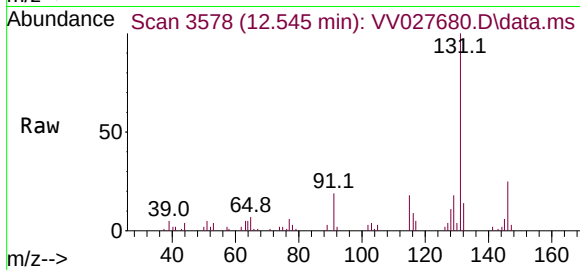




#68
1,2-Dibromo-3-chloropropane
Concen: 0.342 ug/L
RT: 12.545 min Scan# 31
Delta R.T. 0.119 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
155 0.0 56.4 84.6#
157 0.0 74.9 112.3#



#71
Naphthalene
Concen: 0.059 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Tgt Ion: 128 Resp: 1056
Ion Ratio Lower Upper
128 100
129 56.1 8.9 13.3#
127 13.6 10.9 16.3

