

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023920.D
 Acq On : 11 Dec 2021 05:01
 Operator : SY/MD
 Sample : M5005-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 06:50:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102172	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	84694	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24250	4.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.568	69	22186	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.111	63	32953	3.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.902	46	71201	66.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.700%#
24) Chloroform-d	4.352	84	59418	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.034	65	29679	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.053	84	97302	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.072	67	31828	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.320	98	77593	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.625	79	11592	4.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.092	63	60971	48.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26426	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.638	152	52829	4.670	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
13) Acetone	2.188	43	47270	55.060	ug/L	77
15) Methyl Acetate	2.188	43	46104	22.155	ug/L	# 50
18) trans-1,2-Dichloroethene	2.767	96	525	0.069	ug/L	78
19) 1,1-Dichloroethane	3.198	63	2485	0.182	ug/L	# 87
21) 2-Butanone	4.085	43	24962	20.349	ug/L	# 54
22) cis-1,2-Dichloroethene	3.915	96	11303	1.407	ug/L	96
27) 1,2-Dichloroethane	5.053	62	707	0.086	ug/L	# 73
30) Cyclohexane	4.683	56	1163	0.099	ug/L	# 54
33) Benzene	5.104	78	9154	0.284	ug/L	100
34) Trichloroethene	5.918	95	33421	3.682	ug/L	98
35) Methylcyclohexane	6.137	83	815	0.061	ug/L	# 83
37) 1,2-Dichloropropane	6.069	63	3945	0.516	ug/L	# 84
47) Tetrachloroethene	7.976	164	21529	2.694	ug/L	98
49) Dibromochloromethane	7.976	129	19782	2.570	ug/L	# 11
51) Chlorobenzene	8.882	112	3254490	134.462	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	2522510	437.203	ug/L	# 46
64) 1,3-Dichlorobenzene	11.188	146	8029879	315.741	ug/L	94
65) 1,4-Dichlorobenzene	11.188	146	8029879	314.367	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.406	75	246	0.195	ug/L	# 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

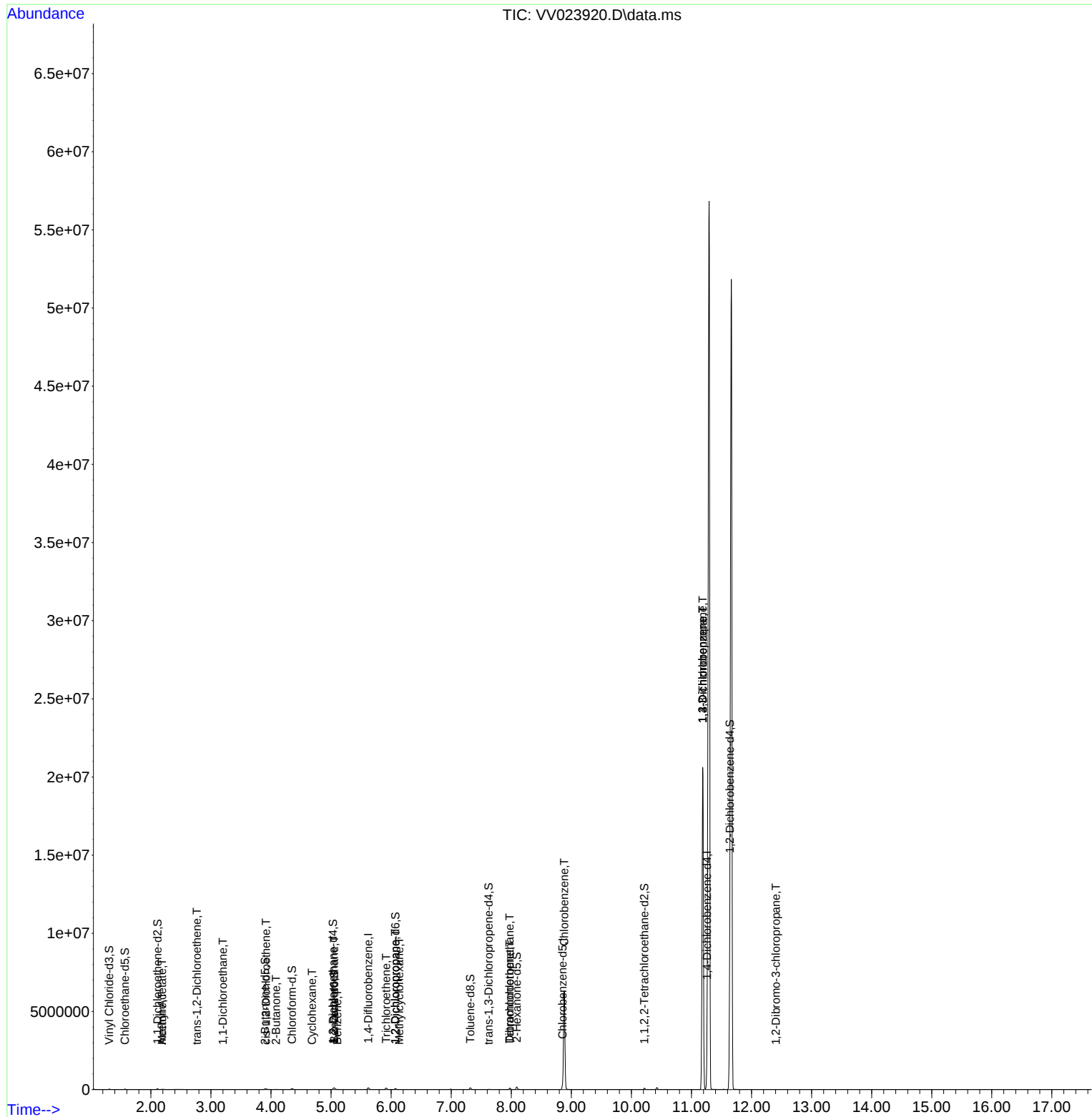
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

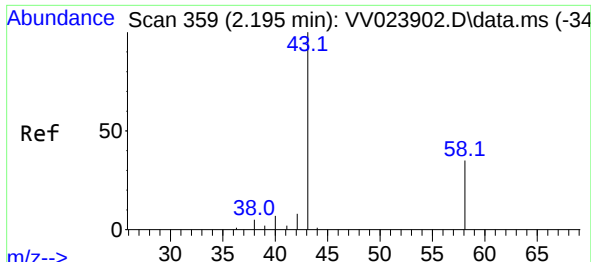
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 55.060 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.003 min

Lab File: VV023920.D

Acq: 11 Dec 2021 05:01

Instrument :

MSVOA_V

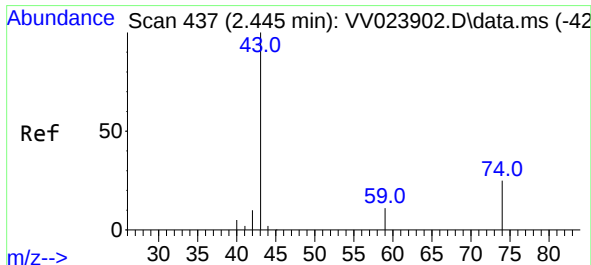
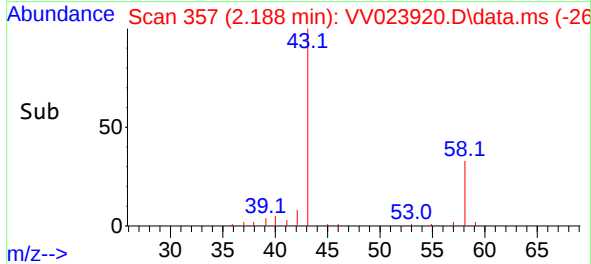
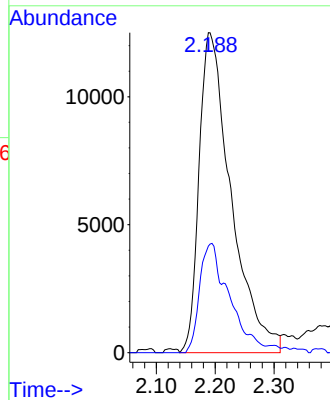
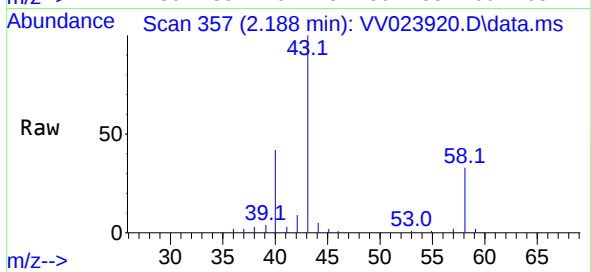
ClientSampleId :

Tgt Ion: 43 Resp: 47270

Ion Ratio Lower Upper

43 100

58 31.5 0.0 41.4



#15

Methyl Acetate

Concen: 22.155 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.247 min

Lab File: VV023920.D

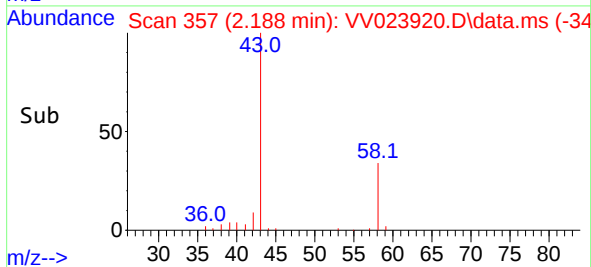
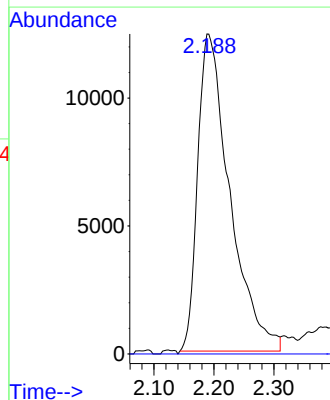
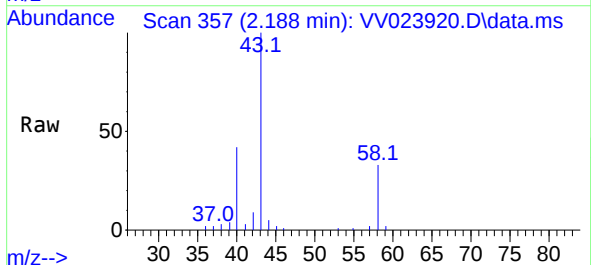
Acq: 11 Dec 2021 05:01

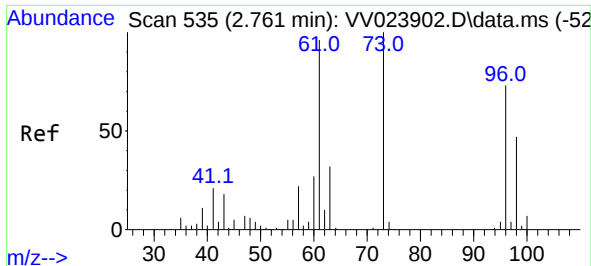
Tgt Ion: 43 Resp: 46104

Ion Ratio Lower Upper

43 100

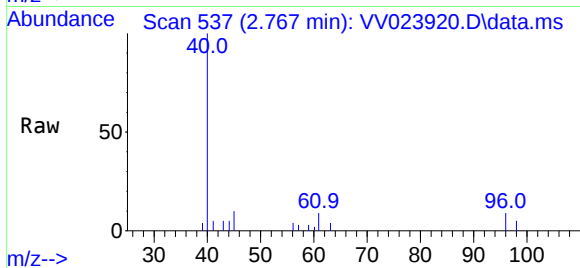
74 0.0 20.2 30.2#





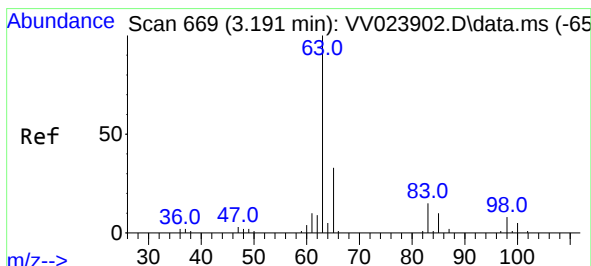
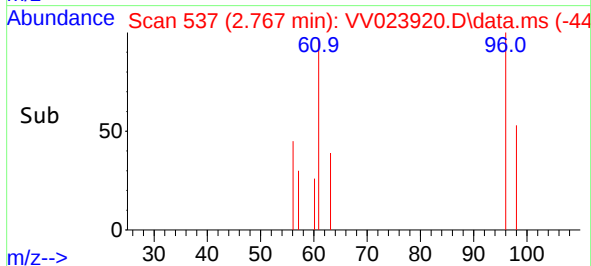
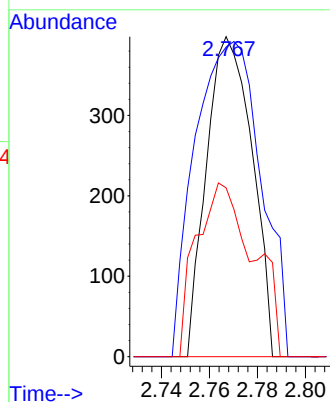
#18
trans-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 525

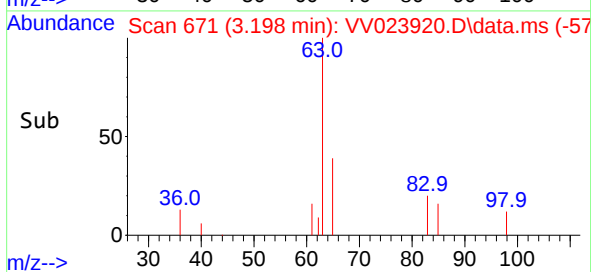
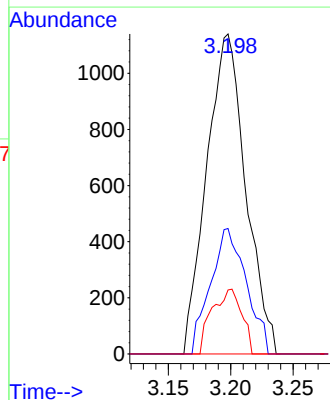
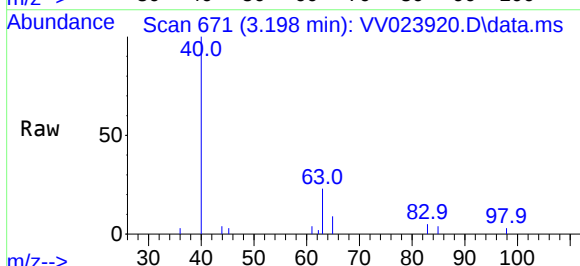
Ion	Ratio	Lower	Upper
96	100		
61	96.7	88.2	163.8
98	52.8	44.9	83.5

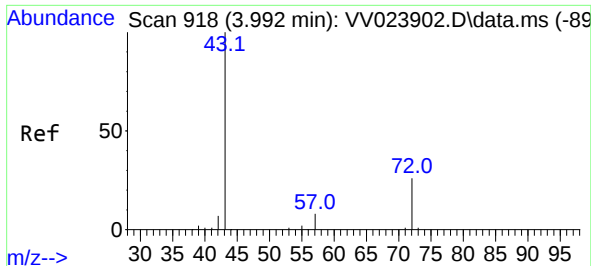


#19
1,1-Dichloroethane
Concen: 0.182 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Tgt Ion: 63 Resp: 2485

Ion	Ratio	Lower	Upper
63	100		
65	39.2	22.3	41.3
83	20.0	10.7	19.9

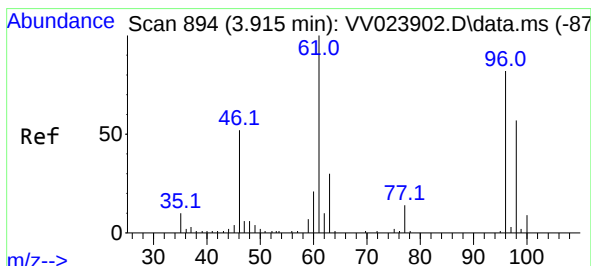
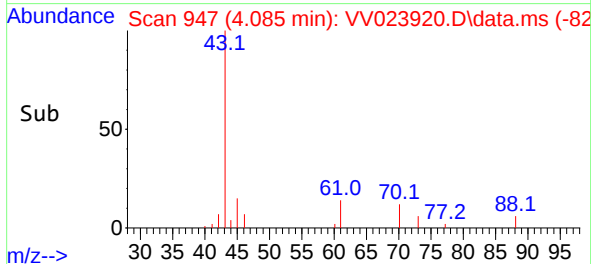
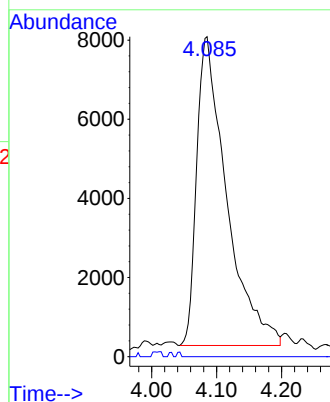
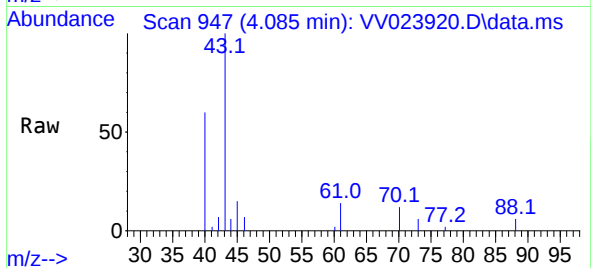




#21
2-Butanone
Concen: 20.349 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.097 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

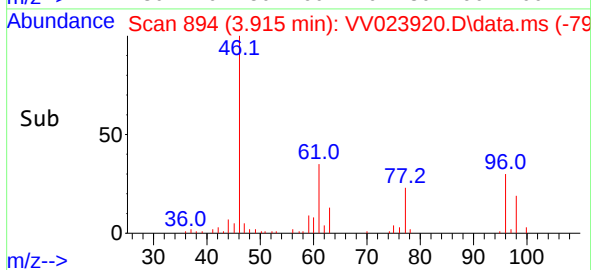
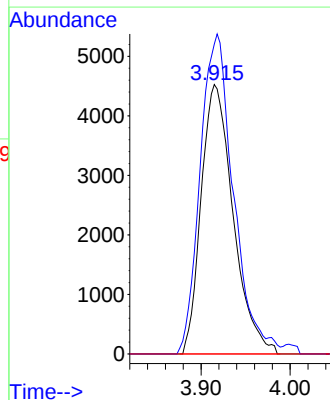
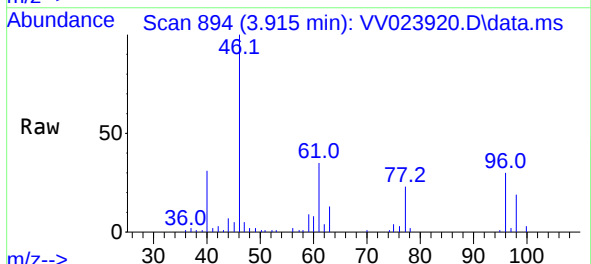
Instrument :
MSVOA_V
ClientSampleId :

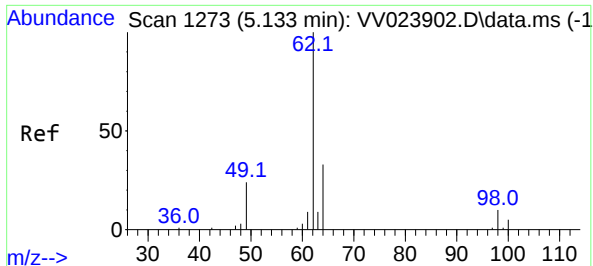
Tgt Ion: 43 Resp: 24962
Ion Ratio Lower Upper
43 100
72 0.2 11.1 33.1#



#22
cis-1,2-Dichloroethene
Concen: 1.407 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Tgt Ion: 96 Resp: 11303
Ion Ratio Lower Upper
96 100
61 115.0 83.4 154.8
68 0.0 0.0 0.0

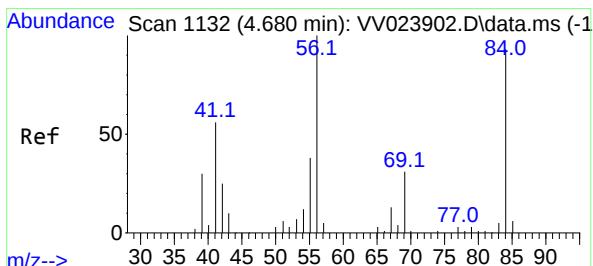
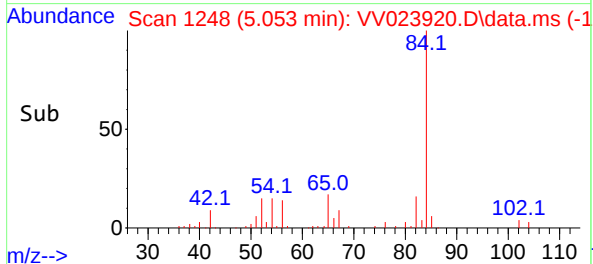
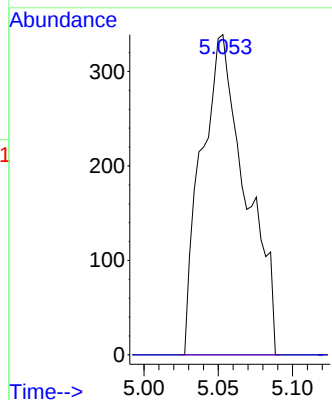
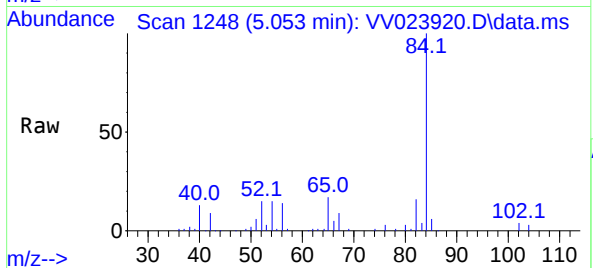




#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.053 min Scan# 1133
Delta R.T. -0.077 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

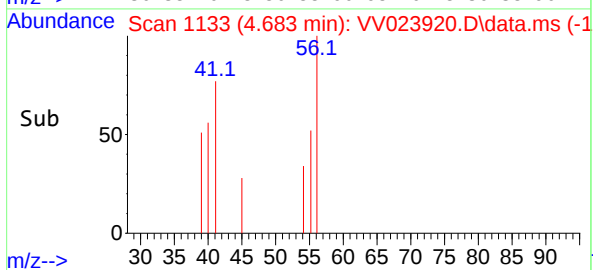
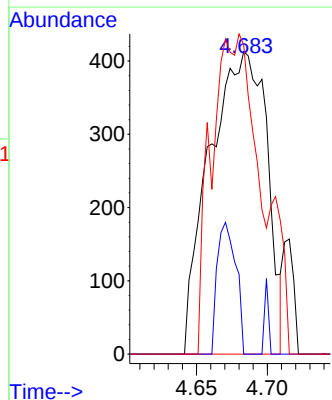
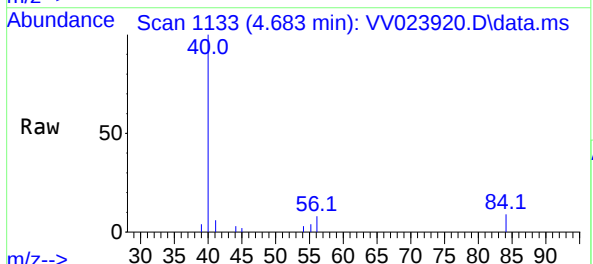
Instrument :
MSVOA_V
ClientSampleId :

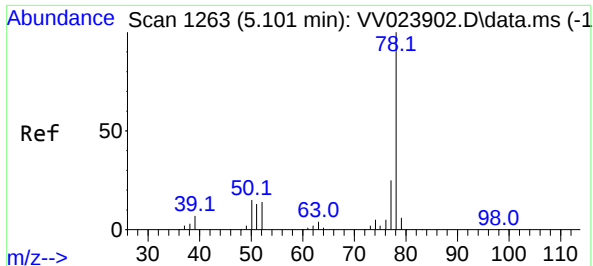
Tgt Ion: 62 Resp: 707
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#30
Cyclohexane
Concen: 0.099 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Tgt Ion: 56 Resp: 1163
Ion Ratio Lower Upper
56 100
69 14.2 24.8 37.2#
84 45.3 75.9 113.9#

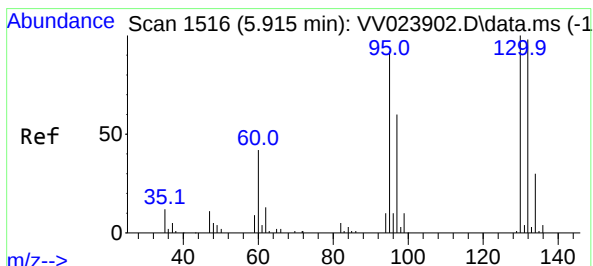
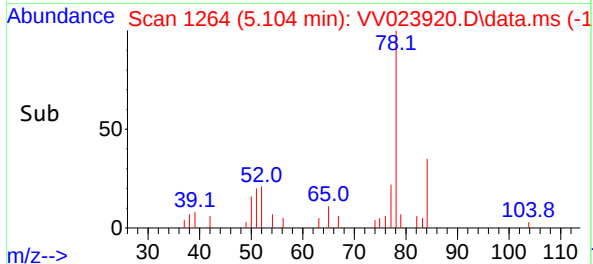
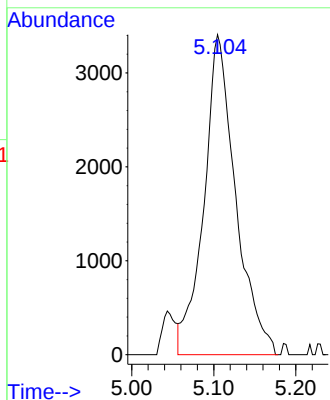
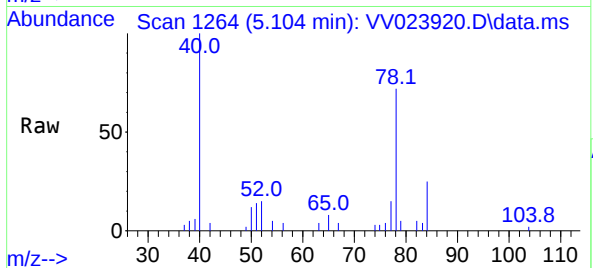




#33
Benzene
Concen: 0.284 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

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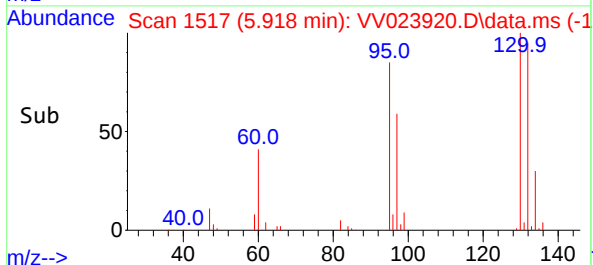
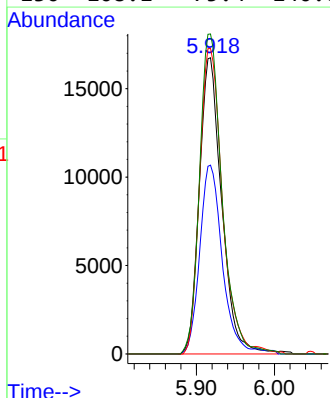
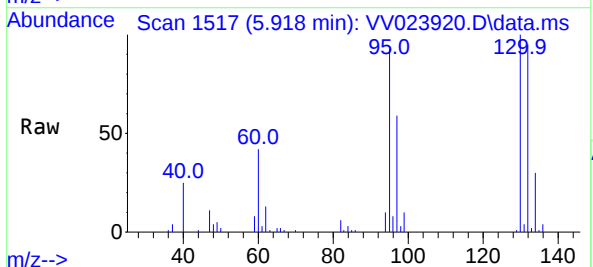
Tgt Ion: 78 Resp: 9154

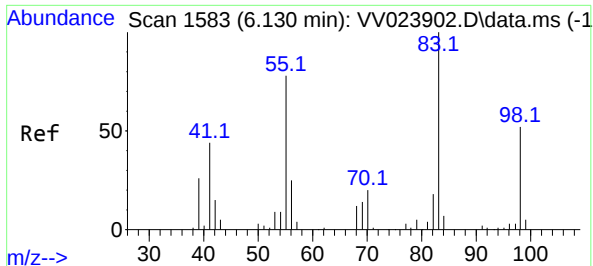


#34
Trichloroethene
Concen: 3.682 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Tgt Ion: 95 Resp: 33421

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.2	84.0
132	103.2	76.1	141.3
130	108.1	75.4	140.0





#35

Methylcyclohexane

Concen: 0.061 ug/L

RT: 6.137 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023920.D

Acq: 11 Dec 2021 05:01

Instrument :

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ClientSampleId :

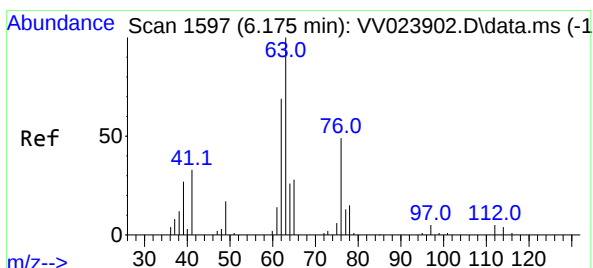
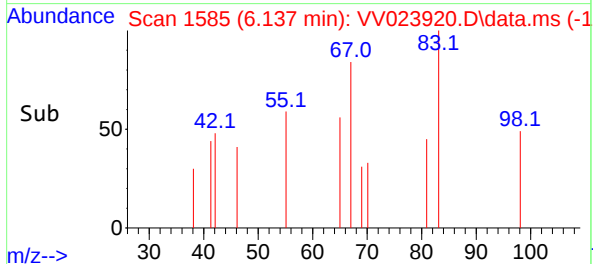
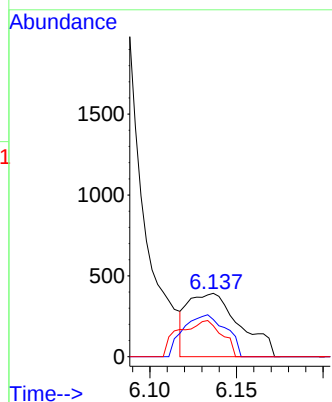
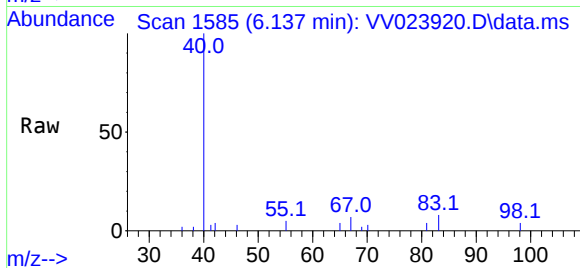
Tgt Ion: 83 Resp: 815

Ion Ratio Lower Upper

83 100

55 54.5 60.2 90.2#

98 47.4 41.0 61.4



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023920.D

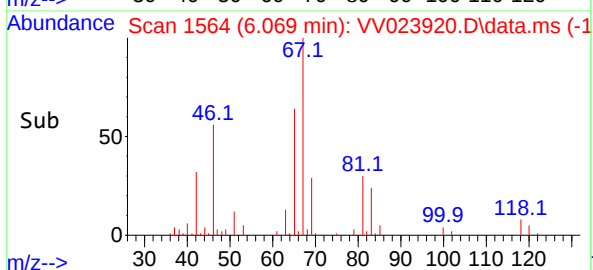
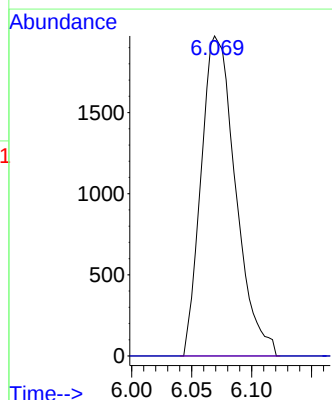
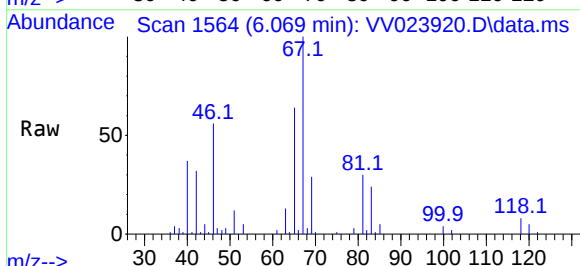
Acq: 11 Dec 2021 05:01

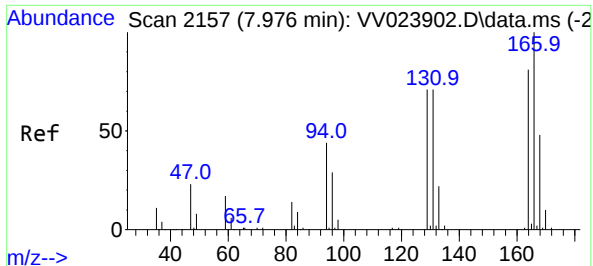
Tgt Ion: 63 Resp: 3945

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 2.694 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023920.D

Acq: 11 Dec 2021 05:01

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Tgt Ion:164 Resp: 21529

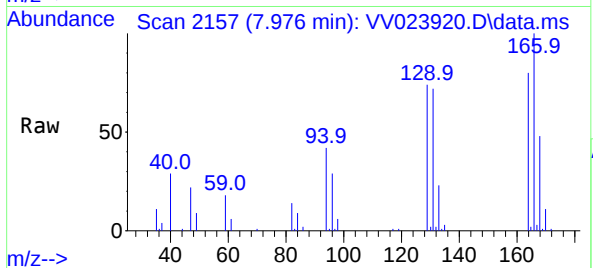
Ion Ratio Lower Upper

164 100

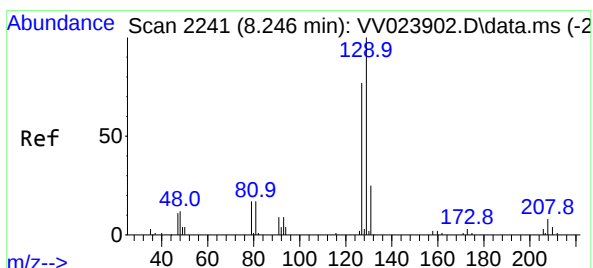
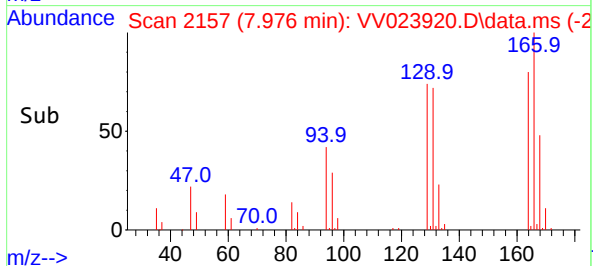
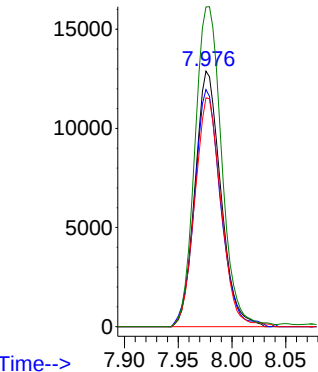
129 92.8 62.6 116.2

131 89.6 61.0 113.4

166 125.1 87.3 162.1



Abundance



#49

Dibromochloromethane

Concen: 2.570 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023920.D

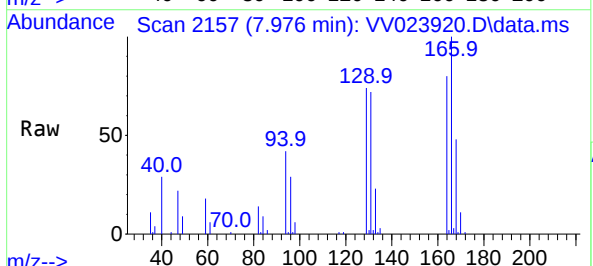
Acq: 11 Dec 2021 05:01

Tgt Ion:129 Resp: 19782

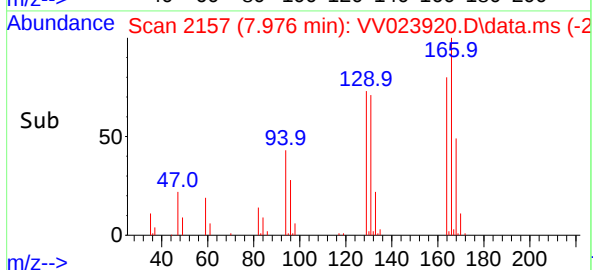
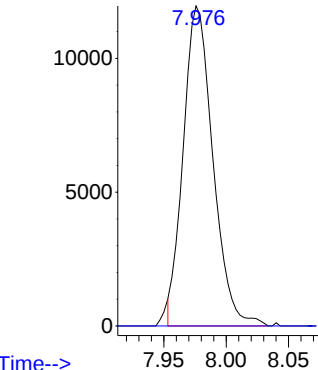
Ion Ratio Lower Upper

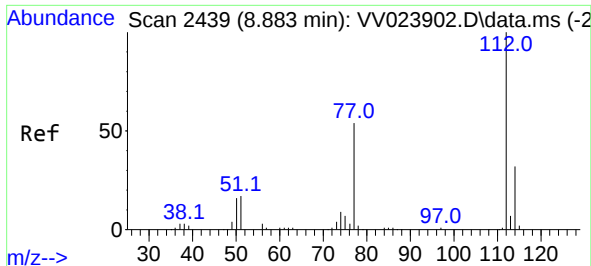
129 100

127 0.0 53.5 99.3#



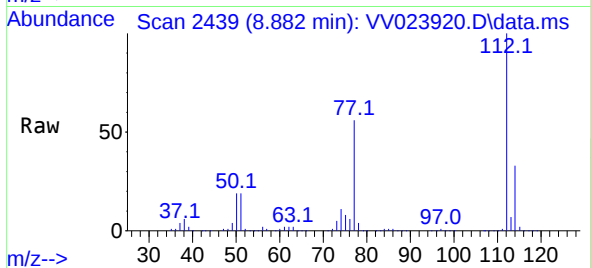
Abundance



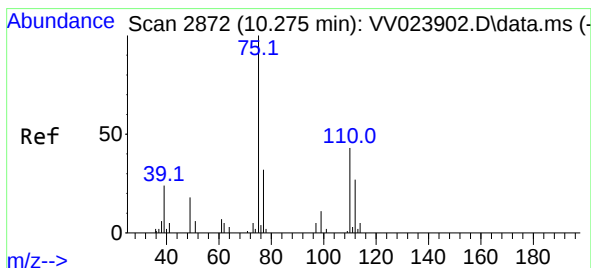
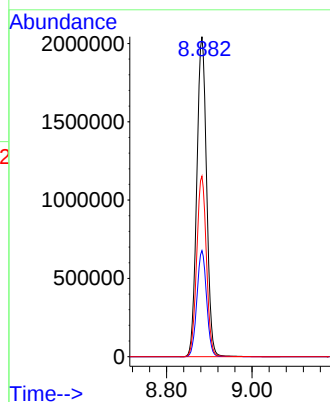
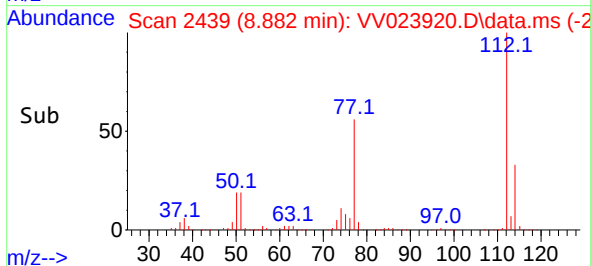


#51
Chlorobenzene
Concen: 134.462 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

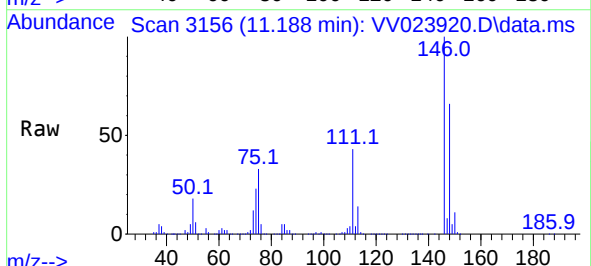
Instrument :
MSVOA_V
ClientSampleId :



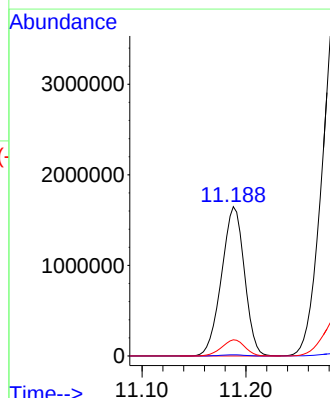
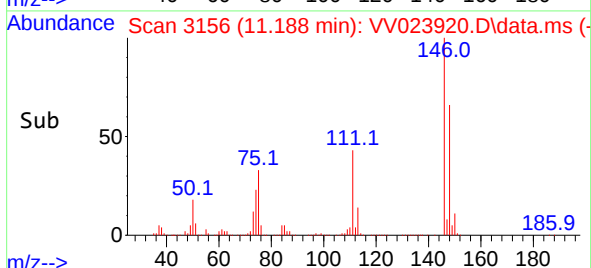
Tgt Ion:112 Resp: 3254490
Ion Ratio Lower Upper
112 100
114 33.2 23.3 43.3
77 56.4 43.3 64.9

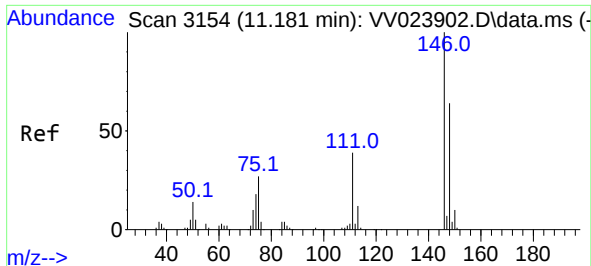


#61
1,2,3-Trichloropropane
Concen: 437.203 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.916 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01



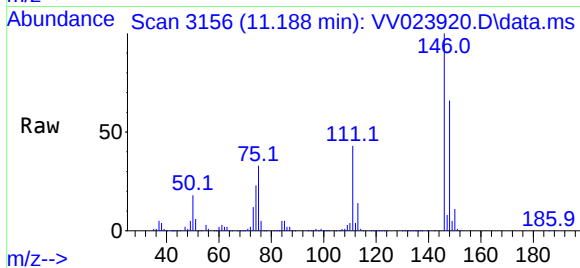
Tgt Ion: 75 Resp: 2522510
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 11.0 34.2 51.2#



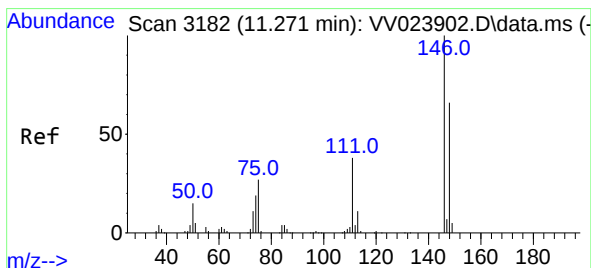
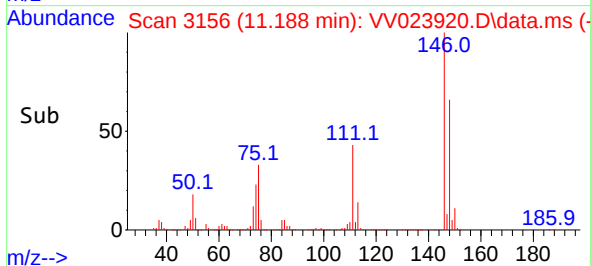
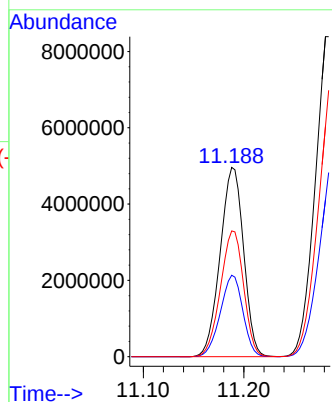


#64
1,3-Dichlorobenzene
Concen: 315.741 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.010 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Instrument :
MSVOA_V
ClientSampleId :

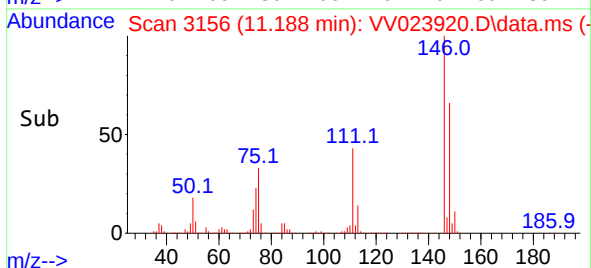
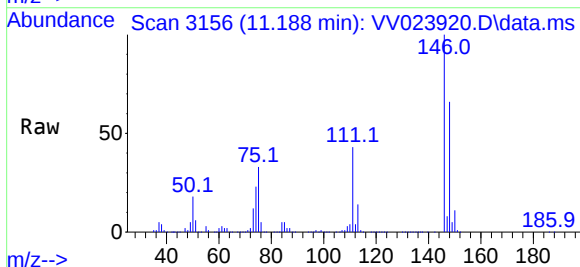
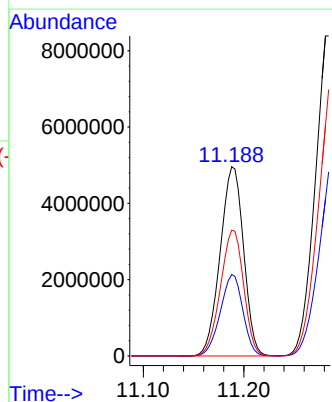


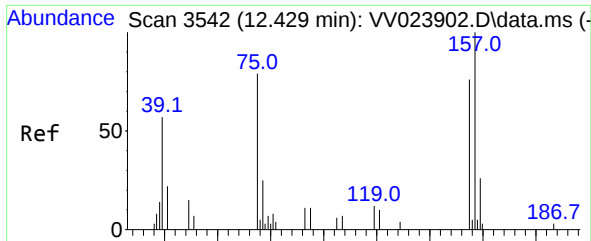
Tgt Ion:146 Resp: 8029879
Ion Ratio Lower Upper
146 100
111 43.0 26.3 48.9
148 66.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 314.367 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.084 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

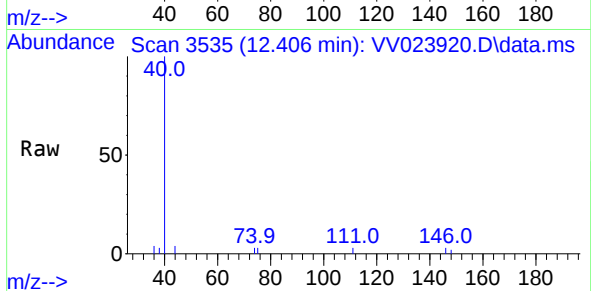
Tgt Ion:146 Resp: 8029879
Ion Ratio Lower Upper
146 100
111 43.0 25.6 47.6
148 66.5 44.8 83.2





#68
1,2-Dibromo-3-chloropropane
Concen: 0.195 ug/L
RT: 12.406 min Scan# 31
Delta R.T. -0.026 min
Lab File: VV023920.D
Acq: 11 Dec 2021 05:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 246
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#

