

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021465.D
 Acq On : 01 Jun 2021 17:22
 Operator : SY/MD
 Sample : M2568-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 00:51:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	251715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	231687	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	131010	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36477	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.564	69	41813	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.105	63	53668	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	3.918	46	196673	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.352	84	127164	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.037	65	61410	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.053	84	232342	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.072	67	77160	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.320	98	207119	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloroprop...	7.629	79	30620	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.092	63	165615	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	65715	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	98825	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	1716	0.14	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	1303	0.08	ug/L	92
19) 1,1-Dichloroethane	3.198	63	2907	0.11	ug/L #	89
22) cis-1,2-Dichloroethene	3.915	96	24998	1.47	ug/L	96
25) Chloroform	4.381	83	99714	3.54	ug/L	97
27) 1,2-Dichloroethane	5.146	62	8982	0.59	ug/L #	93
29) 1,1,1-Trichloroethane	4.609	97	1838	0.07	ug/L	95
31) Carbon tetrachloride	4.831	117	129117	5.47	ug/L	100
34) Trichloroethene	5.915	95	1527279	91.97	ug/L	99
35) Methylcyclohexane	6.072	83	19139	0.70	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7903	0.53	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2138	0.09	ug/L #	48
47) Tetrachloroethene	7.976	164	197208	13.03	ug/L	98
48) 2-Hexanone	8.149	43	4449	0.71	ug/L #	88
49) Dibromochloromethane	7.976	129	164336	10.91	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	12770	1.37	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	365	0.16	ug/L #	1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 02 00:49:39 2021
Response via : Initial Calibration

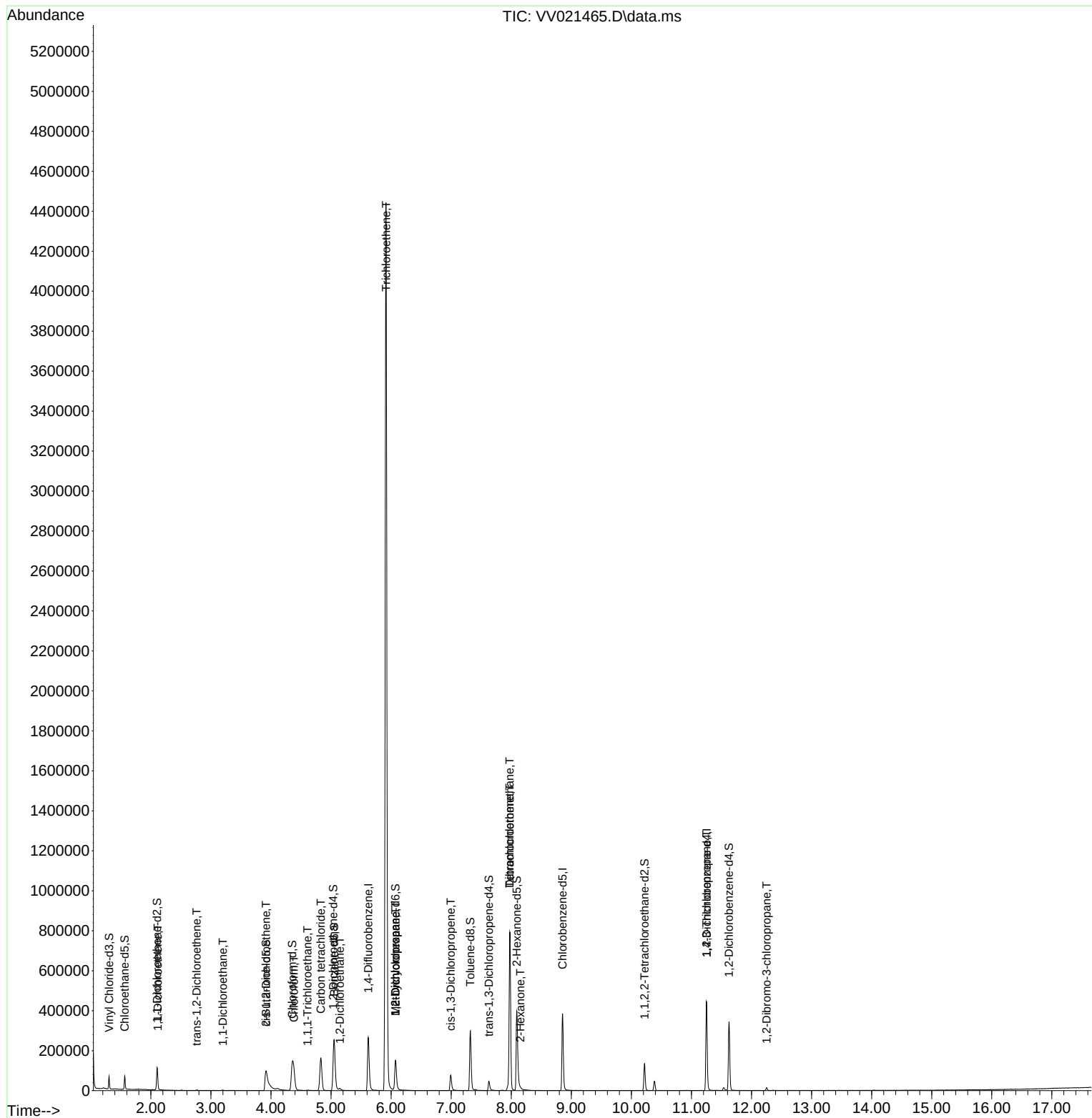
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

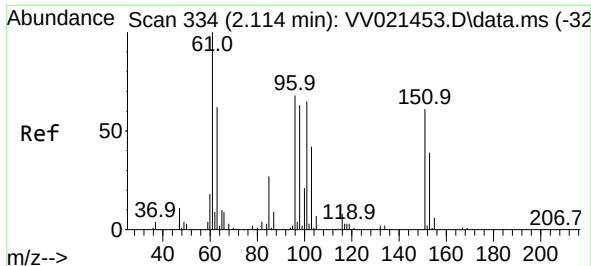
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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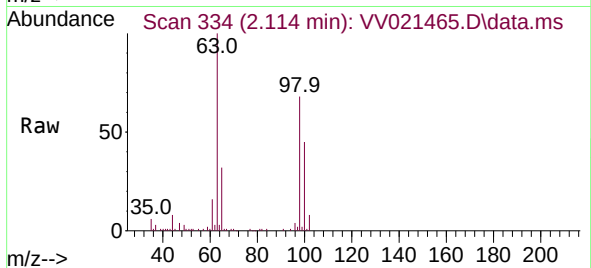
Quant Time: Jun 02 00:51:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 02 00:49:39 2021
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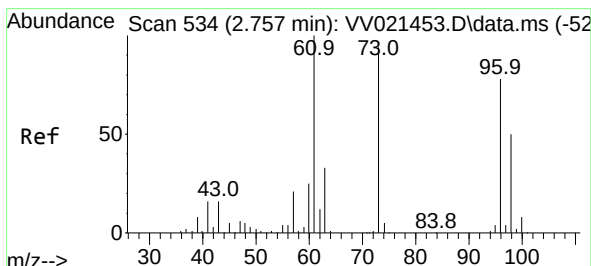
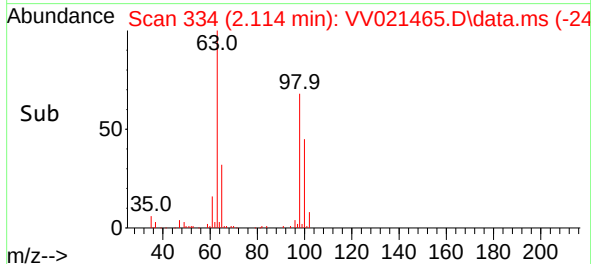
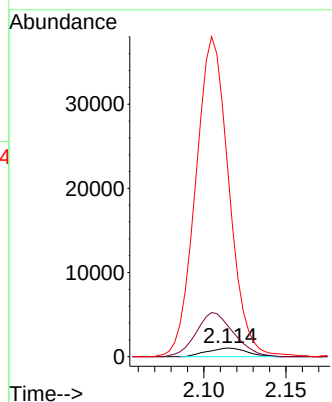


#12
1,1-Dichloroethene
Concen: 0.14 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

Instrument :
MSVOA_V
ClientSampled :

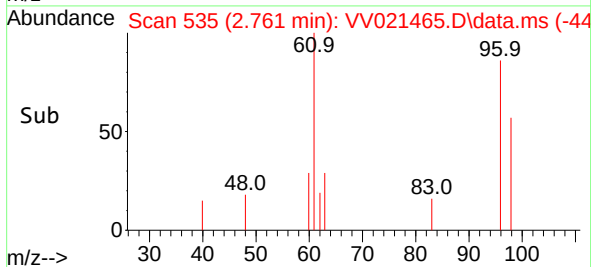
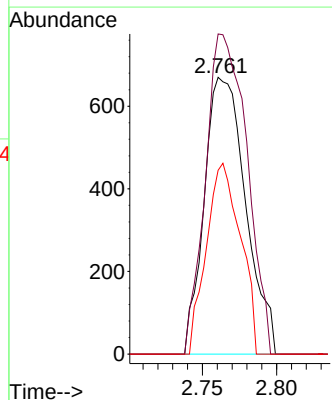
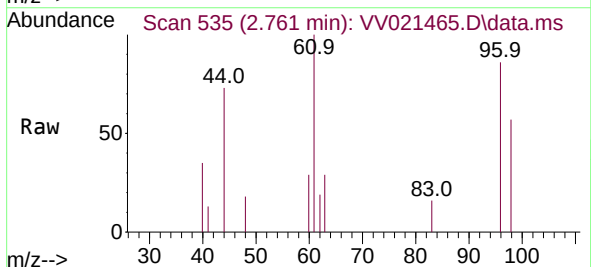


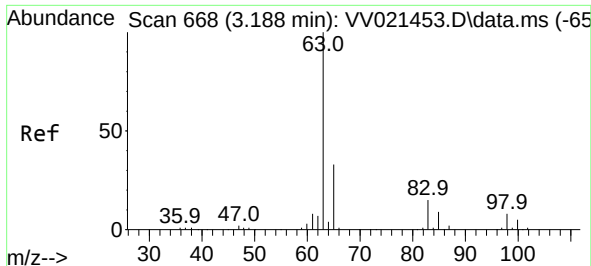
Tgt Ion: 96 Resp: 1716
Ion Ratio Lower Upper
96 100
61 365.2 103.7 192.5#
63 2227.8 62.4 115.8#



#18
trans-1,2-Dichloroethene
Concen: 0.08 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

Tgt Ion: 96 Resp: 1303
Ion Ratio Lower Upper
96 100
61 115.7 88.7 164.7
98 66.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 0.11 ug/L

RT: 3.198 min Scan# 671

Delta R.T. 0.010 min

Lab File: VV021465.D

Acq: 01 Jun 2021 17:22

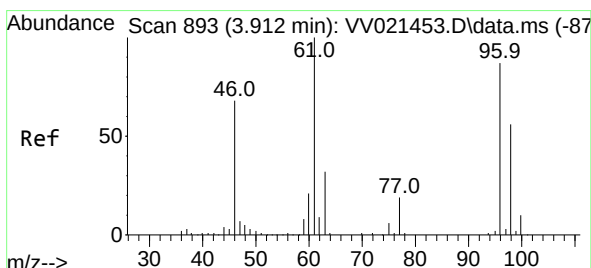
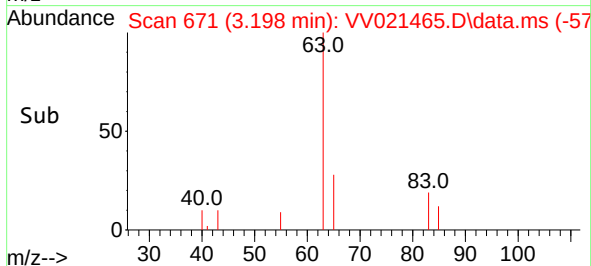
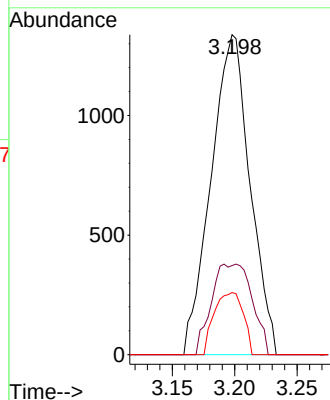
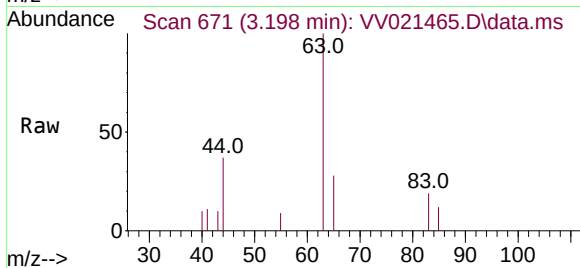
Tgt Ion: 63 Resp: 2907

Ion Ratio Lower Upper

63 100

65 27.9 23.2 43.2

83 19.4 9.4 17.4#



#22

cis-1,2-Dichloroethene

Concen: 1.47 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV021465.D

Acq: 01 Jun 2021 17:22

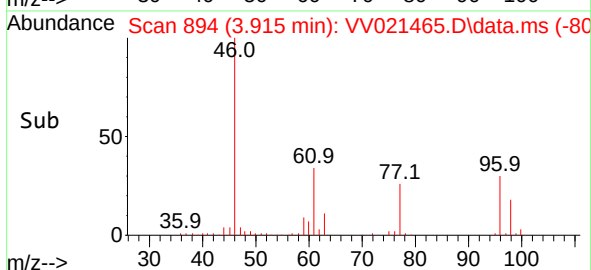
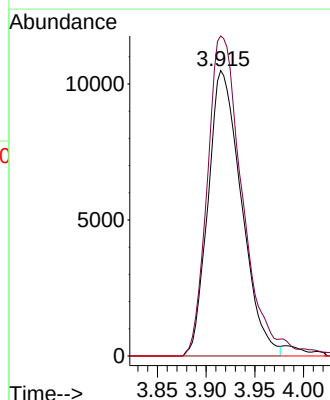
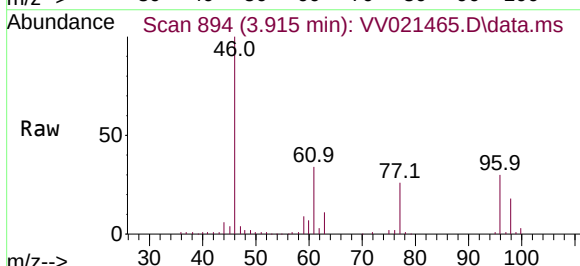
Tgt Ion: 96 Resp: 24998

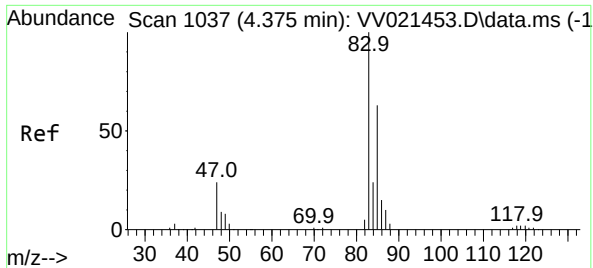
Ion Ratio Lower Upper

96 100

61 112.1 81.9 152.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.54 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV021465.D

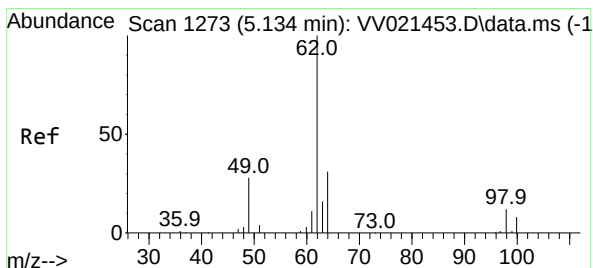
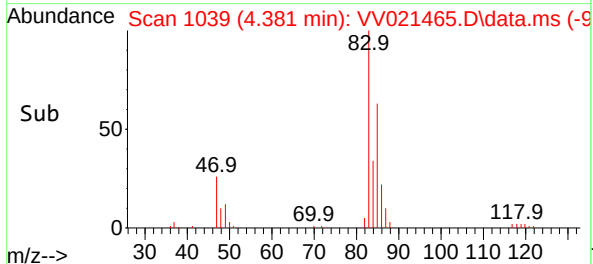
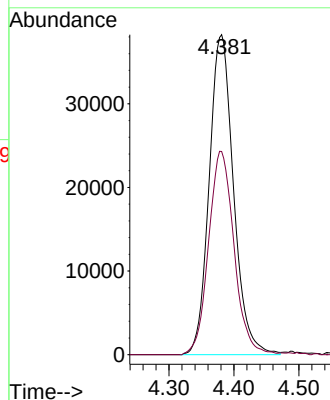
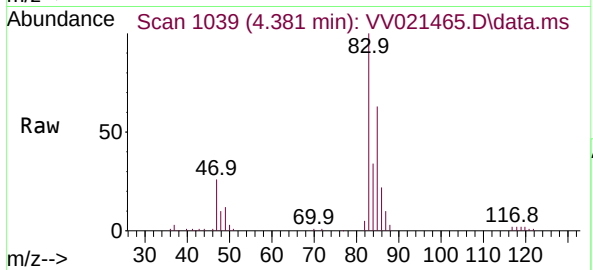
Acq: 01 Jun 2021 17:22

Tgt Ion: 83 Resp: 99714

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.59 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.013 min

Lab File: VV021465.D

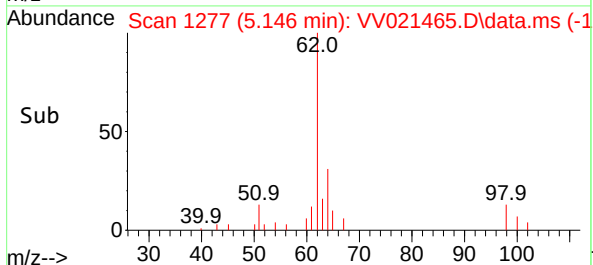
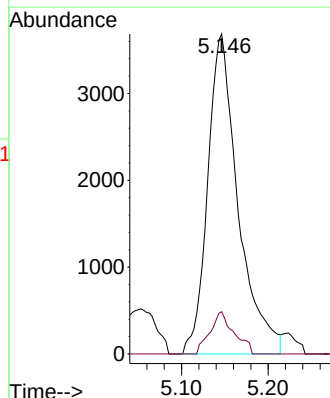
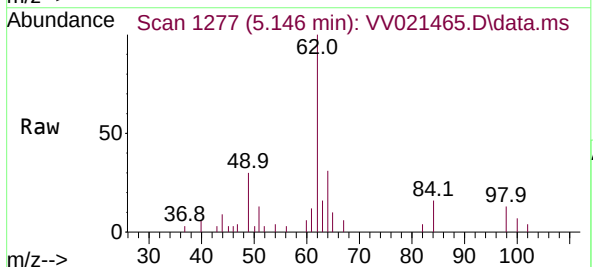
Acq: 01 Jun 2021 17:22

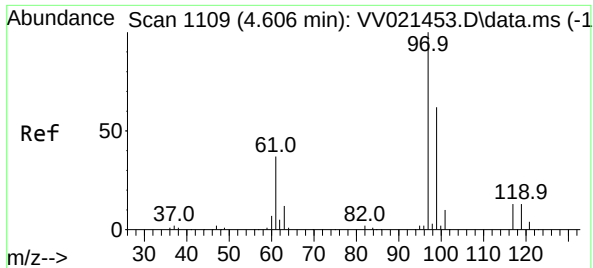
Tgt Ion: 62 Resp: 8982

Ion Ratio Lower Upper

62 100

98 13.2 8.4 12.6#

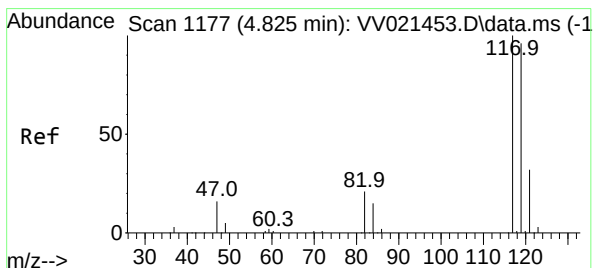
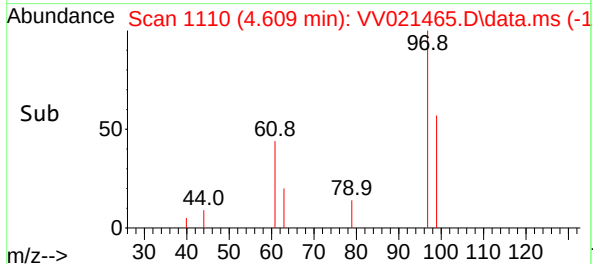
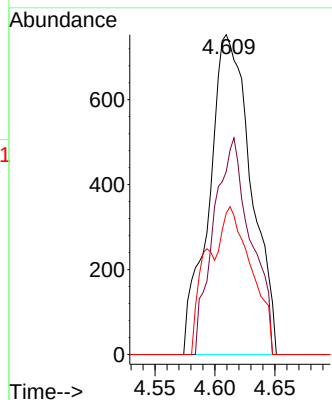
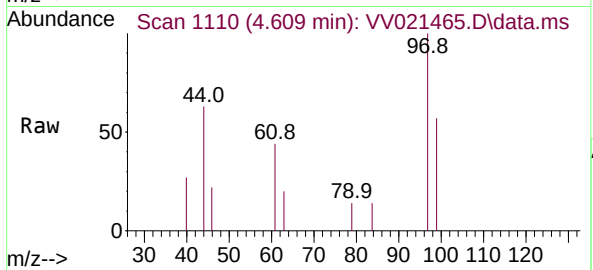




#29
1,1,1-Trichloroethane
Concen: 0.07 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

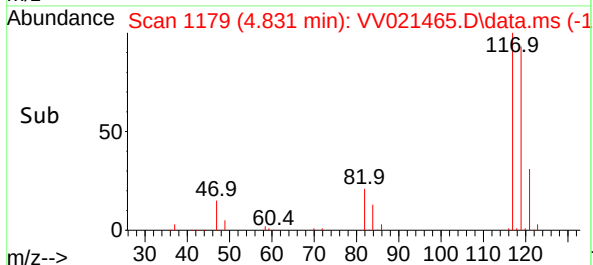
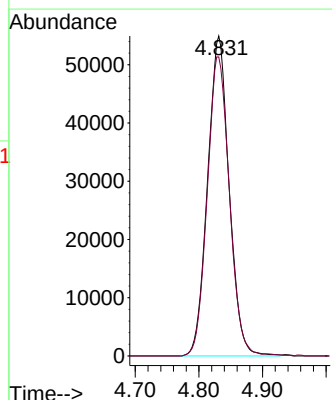
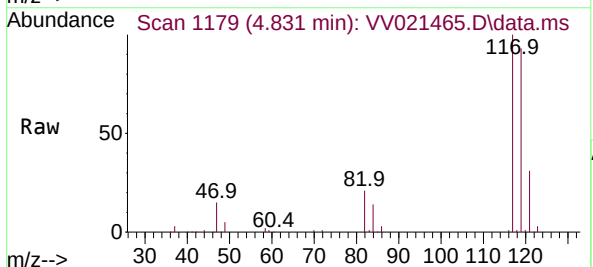
Instrument :
MSVOA_V
ClientSampleId :

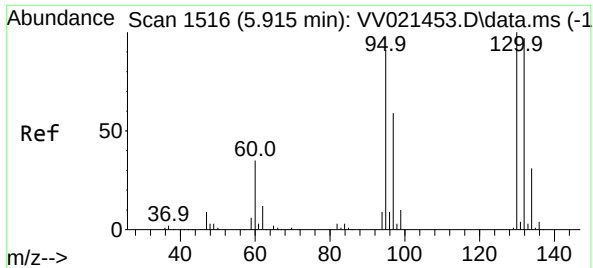
Tgt Ion: 97 Resp: 1838
Ion Ratio Lower Upper
97 100
99 60.0 50.6 75.8
61 34.7 30.4 45.6



#31
Carbon tetrachloride
Concen: 5.47 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

Tgt Ion: 117 Resp: 129117
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6

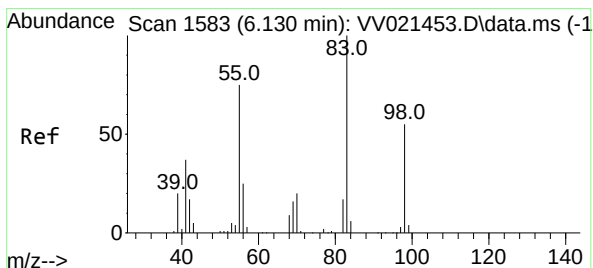
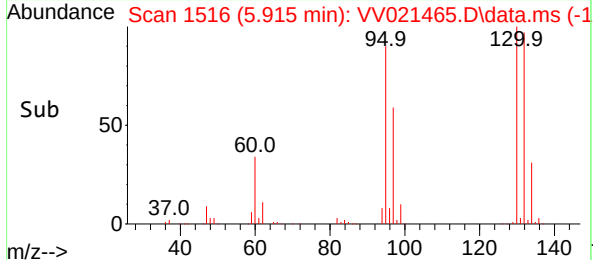
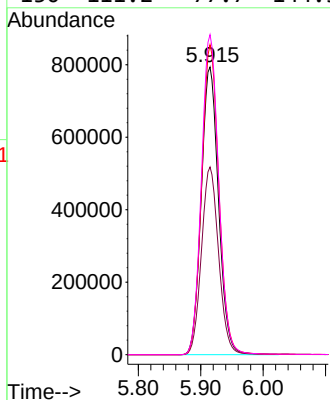
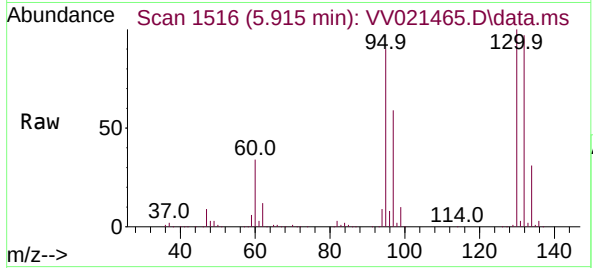




#34
Trichloroethene
Concen: 91.97 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

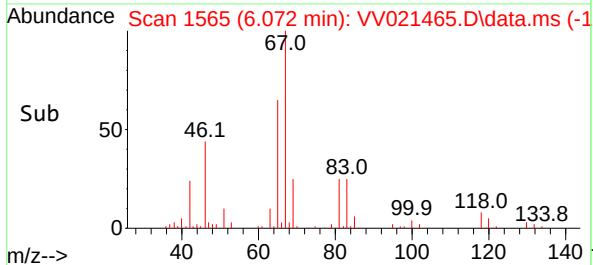
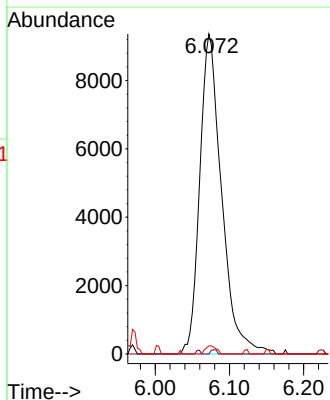
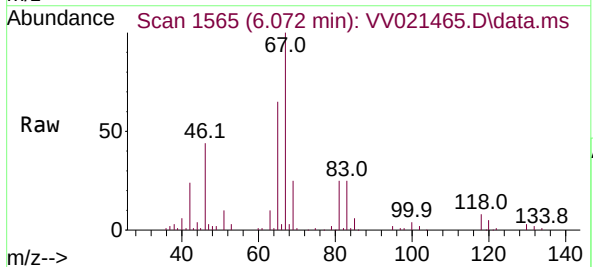
Instrument :
MSVOA_V
ClientSampleId :

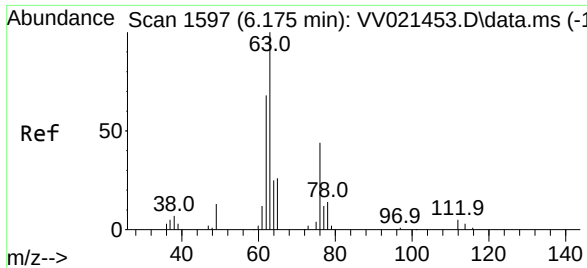
Tgt Ion: 95 Resp: 1527279
Ion Ratio Lower Upper
95 100
97 65.2 45.4 84.4
132 107.8 74.5 138.3
130 111.2 77.7 144.3



#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

Tgt Ion: 83 Resp: 19139
Ion Ratio Lower Upper
83 100
55 0.4 57.7 86.5#
98 0.0 40.6 61.0#

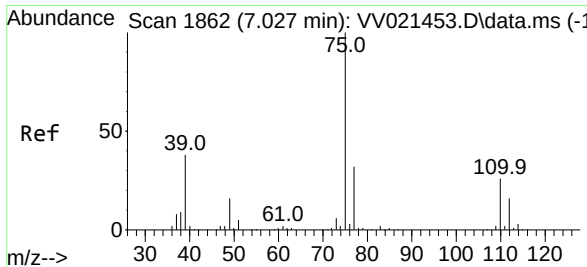
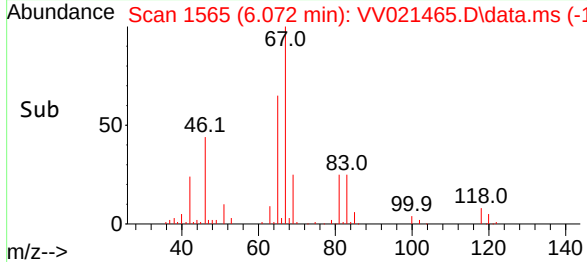
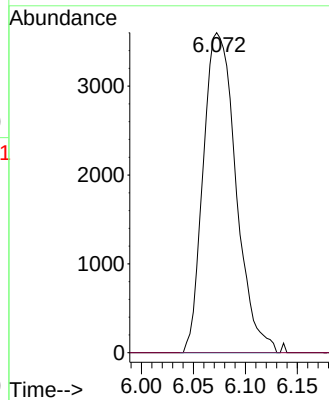
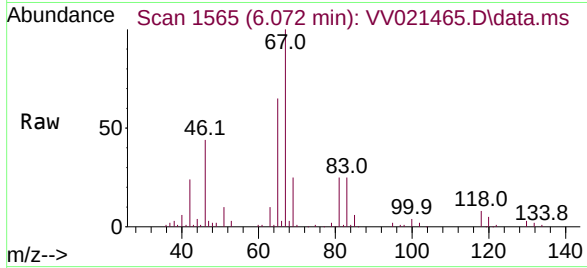




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

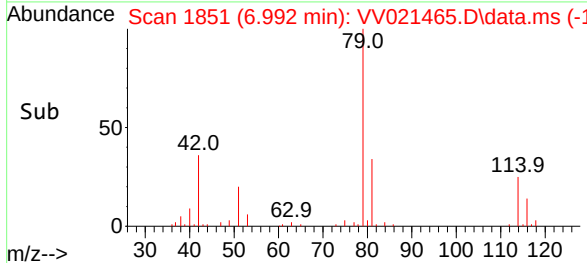
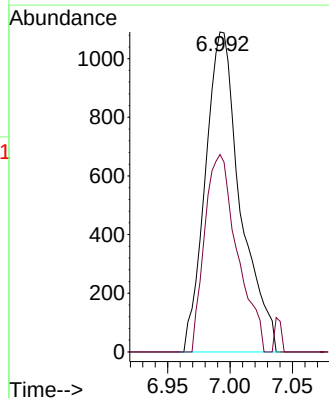
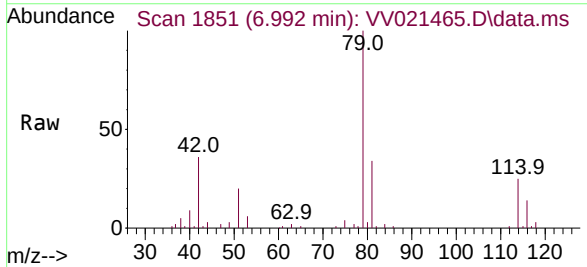
Instrument :
MSVOA_V
ClientSampled :

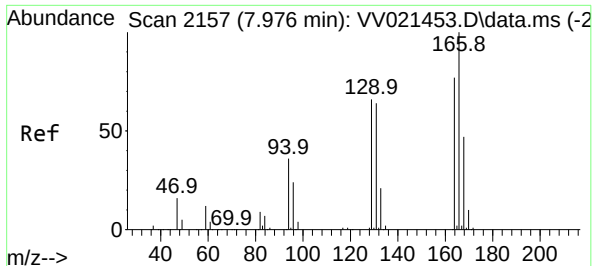
Tgt Ion: 63 Resp: 7903
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

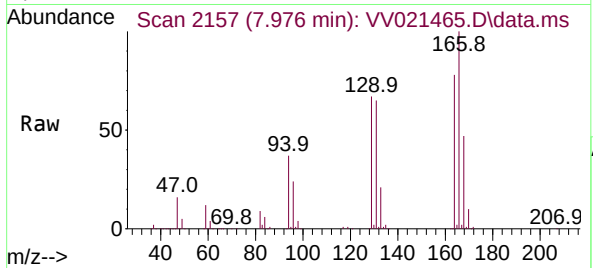
Tgt Ion: 75 Resp: 2138
Ion Ratio Lower Upper
75 100
77 61.7 22.8 42.4#





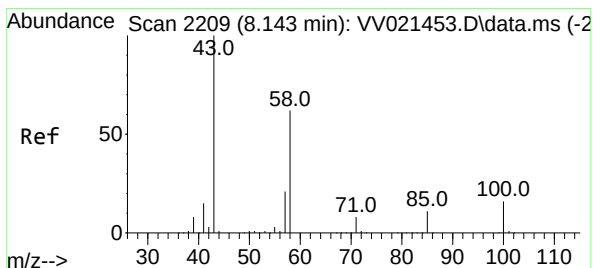
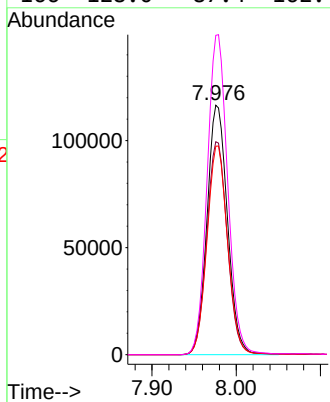
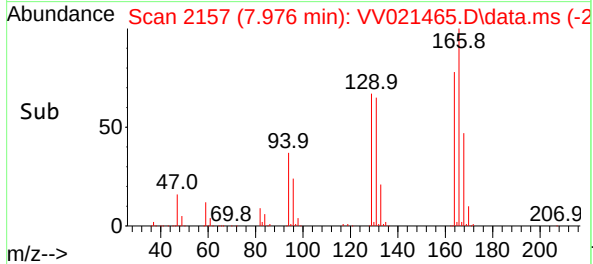
#47
Tetrachloroethene
Concen: 13.03 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

Instrument :
MSVOA_V
ClientSampled :

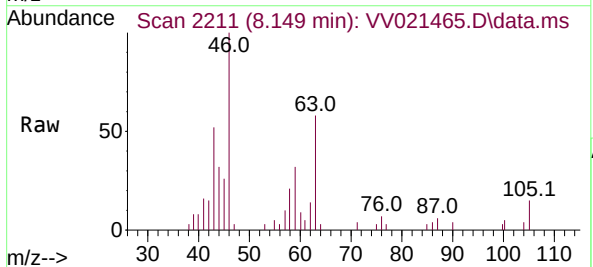


Tgt Ion:164 Resp: 197208

Ion	Ratio	Lower	Upper
164	100		
129	85.4	61.8	114.8
131	83.6	57.8	107.4
166	128.0	87.4	162.4

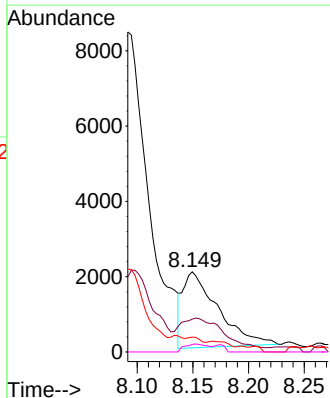
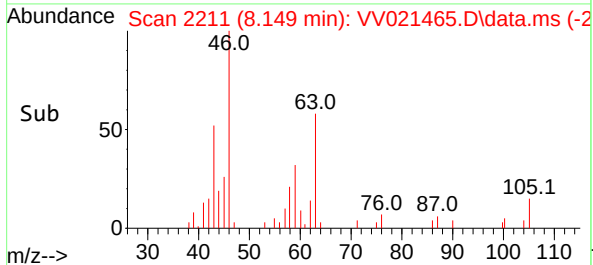


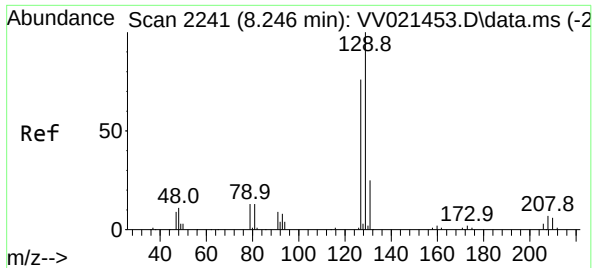
#48
2-Hexanone
Concen: 0.71 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22



Tgt Ion: 43 Resp: 4449

Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.0	70.4
57	0.0	15.4	23.2#
100	6.7	11.5	17.3#

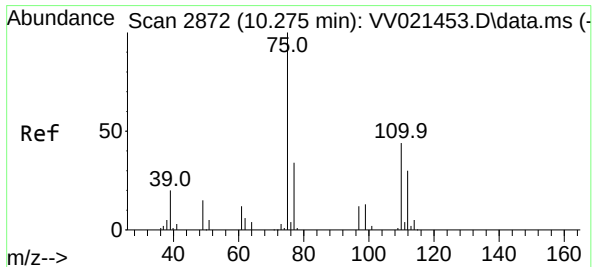
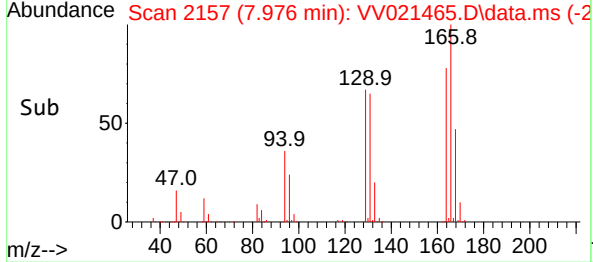
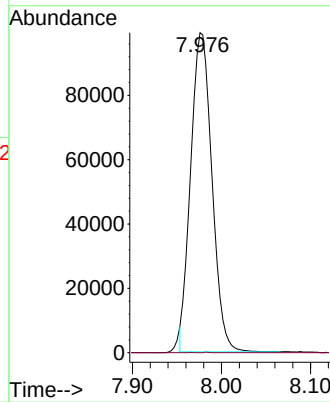
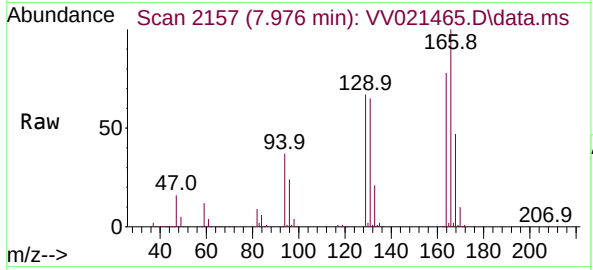




#49
Dibromochloromethane
Concen: 10.91 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

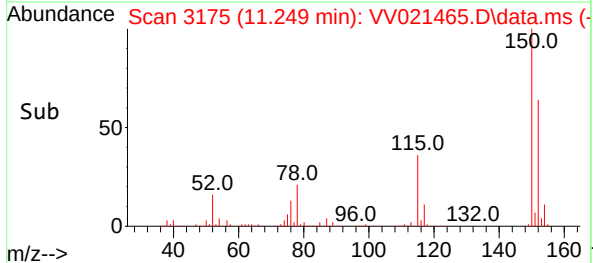
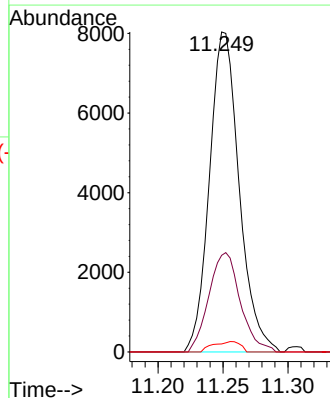
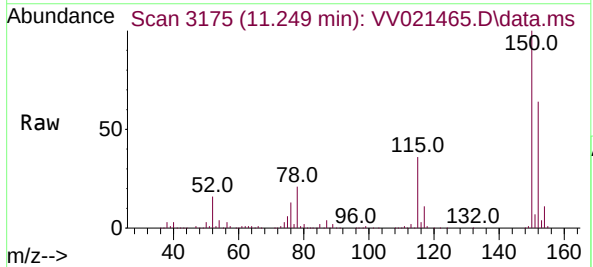
Instrument :
MSVOA_V
ClientSampleId :

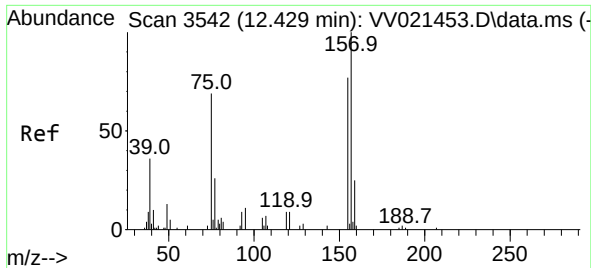
Tgt Ion:129 Resp: 164336
Ion Ratio Lower Upper
129 100
127 0.0 55.4 103.0#



#61
1,2,3-Trichloropropane
Concen: 1.37 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021465.D
Acq: 01 Jun 2021 17:22

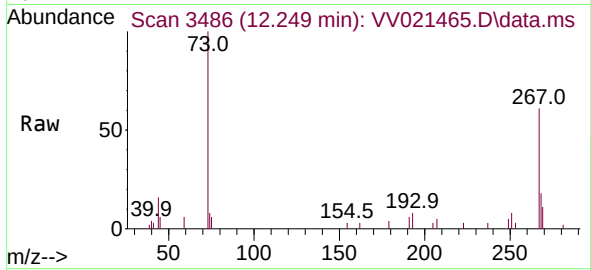
Tgt Ion: 75 Resp: 12770
Ion Ratio Lower Upper
75 100
77 32.8 27.3 40.9
110 3.0 34.2 51.2#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.16 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV021465.D
 Acq: 01 Jun 2021 17:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 365
 Ion Ratio Lower Upper
 75 100
 155 0.0 87.2 130.8#
 157 0.0 106.1 159.1#

