

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018970.D
 Acq On : 19 Oct 2020 15:11
 Operator : SY/MD
 Sample : L4426-18 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z7

Quant Time: Oct 20 01:07:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309636	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106730	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.76%
7) Chloroethane-d5	1.58	69	97315	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.12	63	173501	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.91	46	152842	86.03	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.03%
24) Chloroform-d	4.38	84	202709	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.06	65	142906	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.08	84	392584	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.09	67	130593	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.34	98	347131	42.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.96%
43) trans-1,3-Dichloropropene-	7.64	79	60259	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.11	63	87251	81.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.59%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	133672	39.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	144773	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

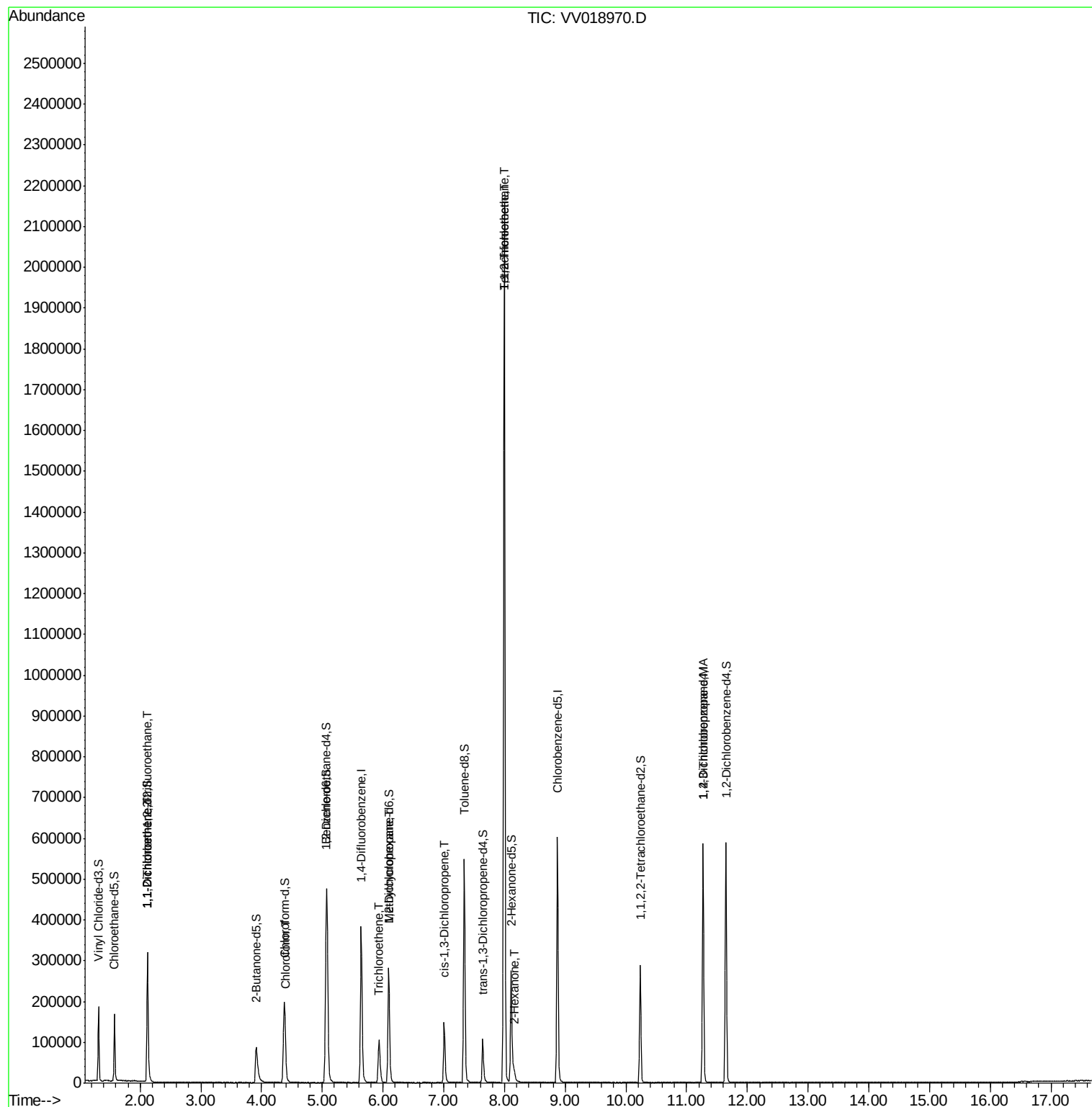
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1601	0.797	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1804	0.886	ug/L #	1
25) Chloroform	4.40	83	4249	0.961	ug/L	93
34) Trichloroethene	5.94	95	26321	9.655	ug/L	99
35) Methylcyclohexane	6.09	83	31040	9.401	ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3674	0.966	ug/L #	63
45) 1,1,2-Trichloroethane	7.99	97	4178	1.775	ug/L #	2
46) Tetrachloroethene	8.00	164	467778	243.464	ug/L	99
48) 2-Hexanone	8.16	43	15805	5.711	ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	17246	5.630	ug/L	91

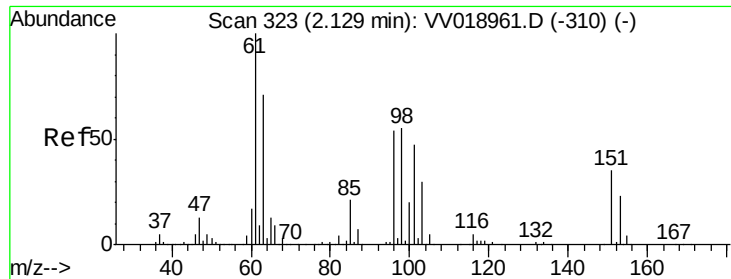
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.797 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018970.D

Acq: 19 Oct 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

BG3Z7

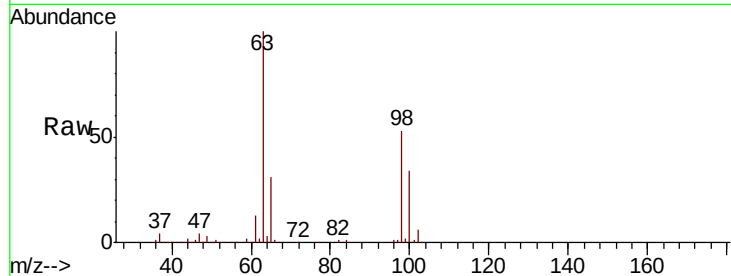
Tot Ion:101 Resp: 1601

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

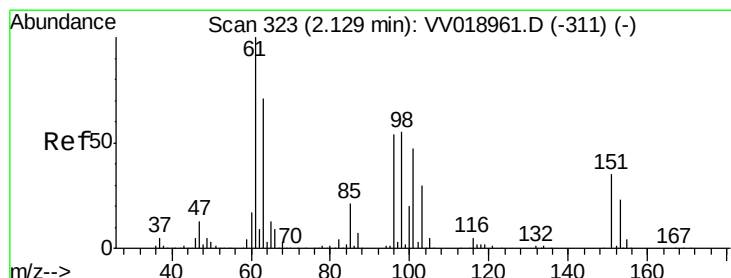
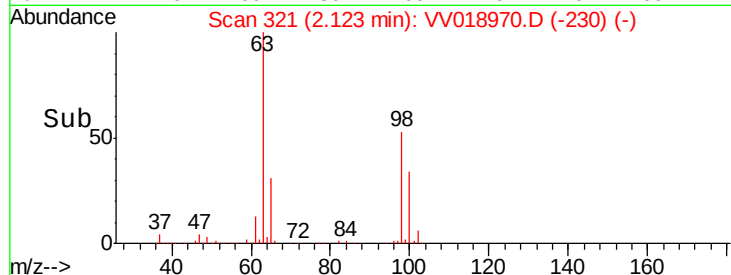
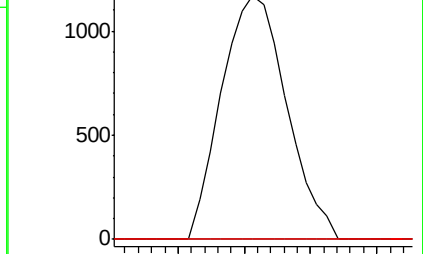
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018970.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV018970.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV018970.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.886 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018970.D

Acq: 19 Oct 2020 15:11

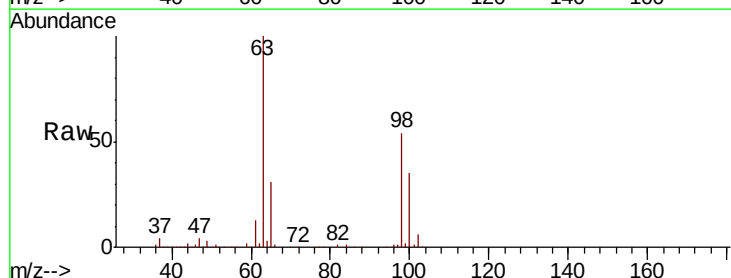
Tgt Ion: 96 Resp: 1804

Ion Ratio Lower Upper

96 100

61 1297.3 133.5 247.9#

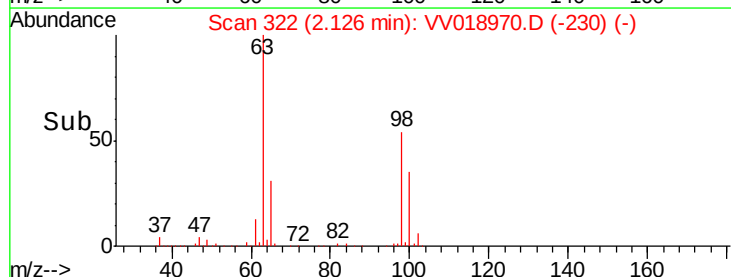
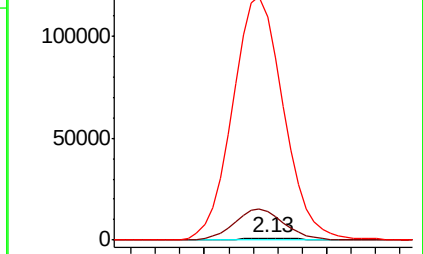
63 10062.2 102.1 189.7#

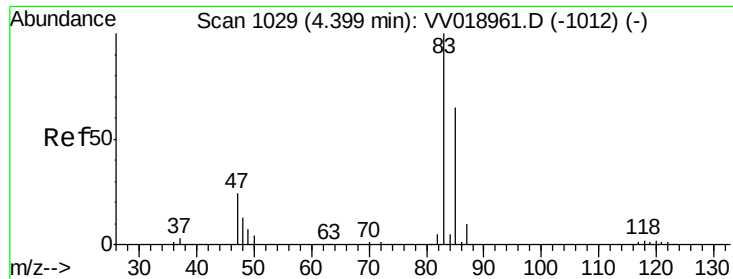


Abundance Ion 96.00 (95.70 to 96.70): VV018970.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV018970.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV018970.D (-230) (-)

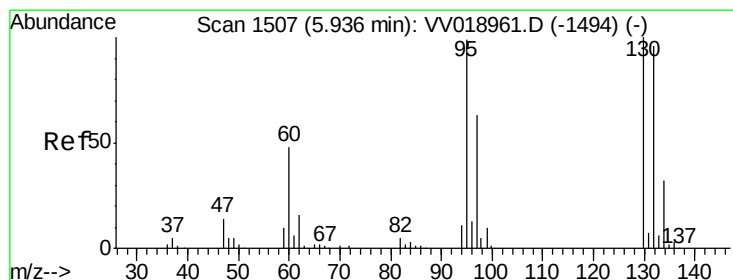
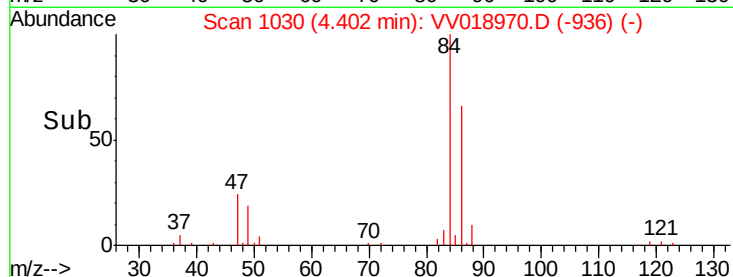
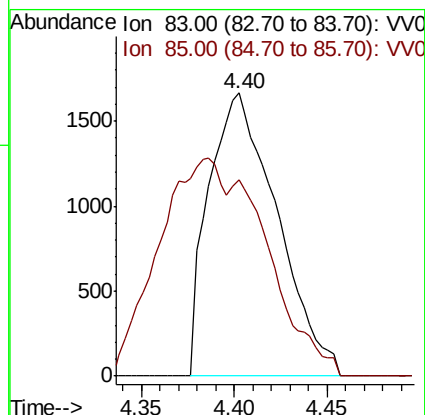
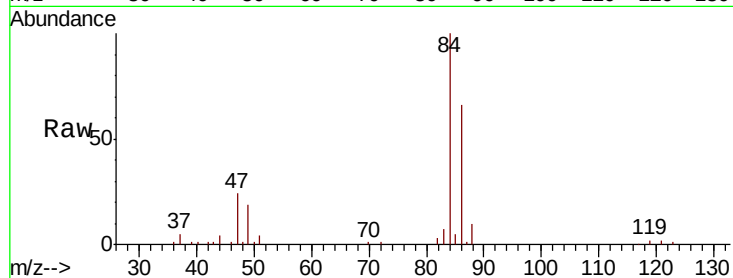




#25
Chloroform
Concen: 0.961 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

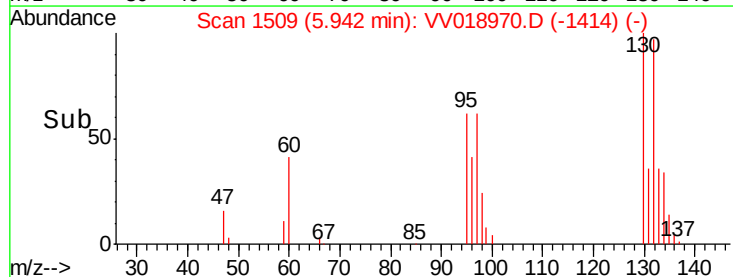
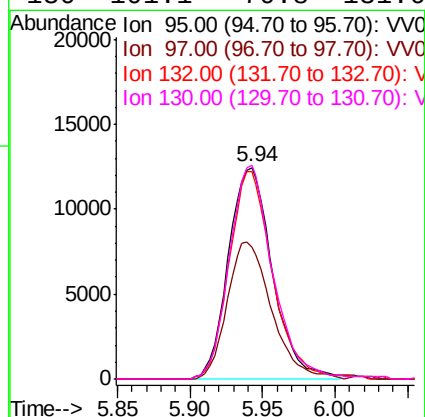
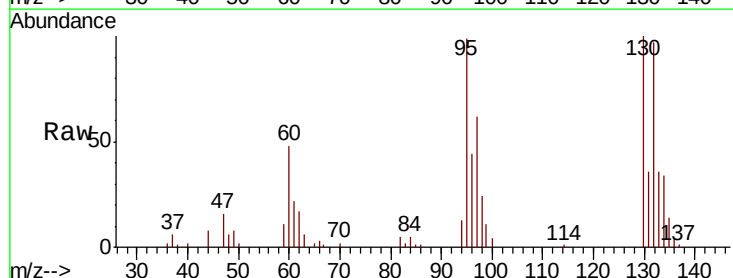
Instrument :
MSVOA_V
ClientSampleId :
BG3Z7

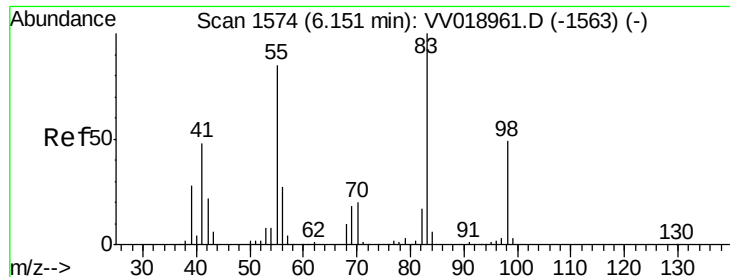
Tot Ion: 83 Resp: 4249
Ion Ratio Lower Upper
83 100
85 69.4 44.6 82.8



#34
Trichloroethene
Concen: 9.655 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

Tgt Ion: 95 Resp: 26321
Ion Ratio Lower Upper
95 100
97 62.7 44.7 82.9
132 98.4 67.0 124.4
130 101.1 70.8 131.6

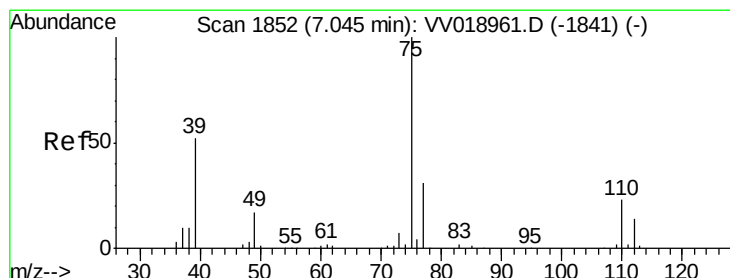
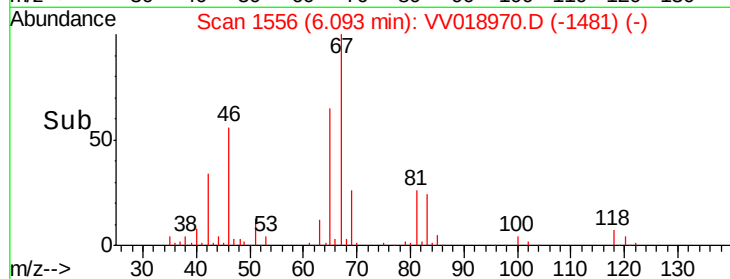
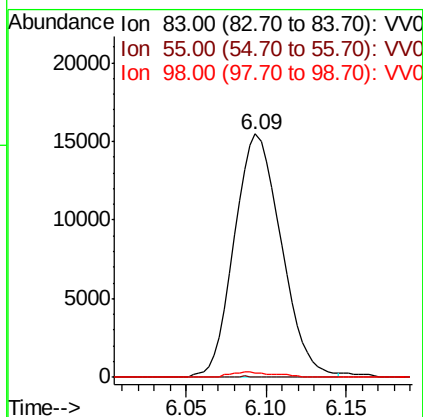
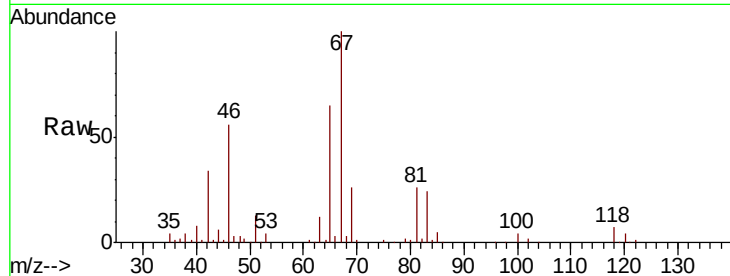




#35
Methylcyclohexane
Concen: 9.401 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

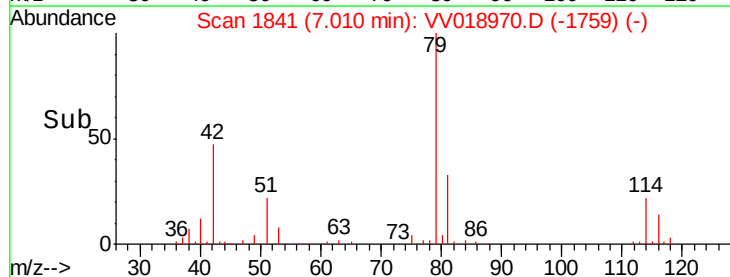
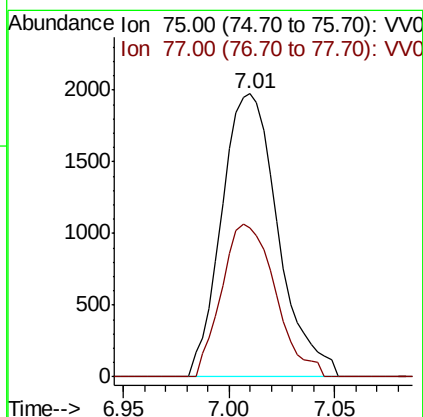
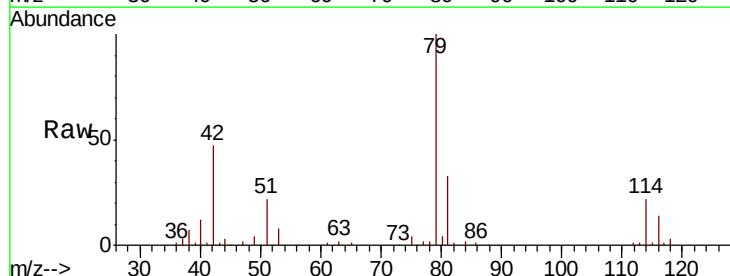
Instrument :
MSVOA_V
ClientSampleId :
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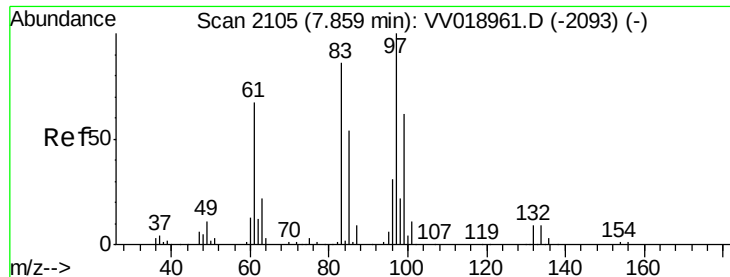
Tot Ion: 83 Resp: 31040
Ion Ratio Lower Upper
83 100
55 0.0 67.3 100.9#
98 1.6 37.9 56.9#



#39
cis-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

Tgt Ion: 75 Resp: 3674
Ion Ratio Lower Upper
75 100
77 52.8 22.5 41.9#

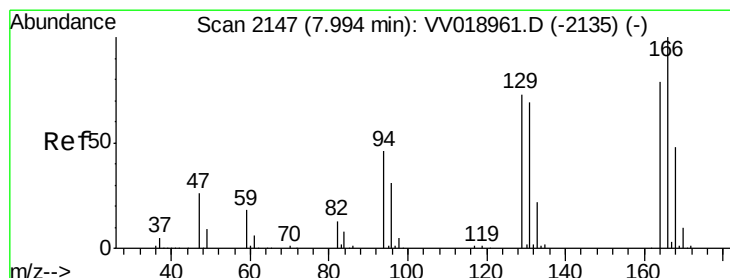
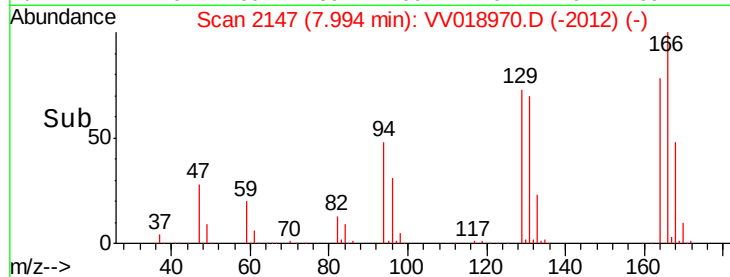
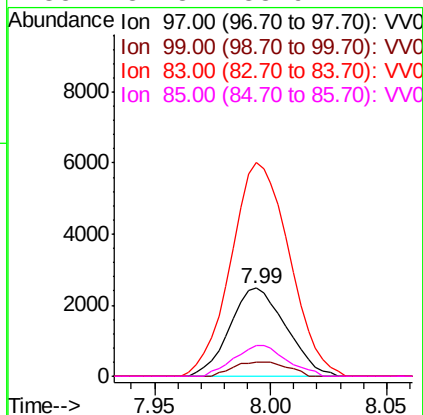
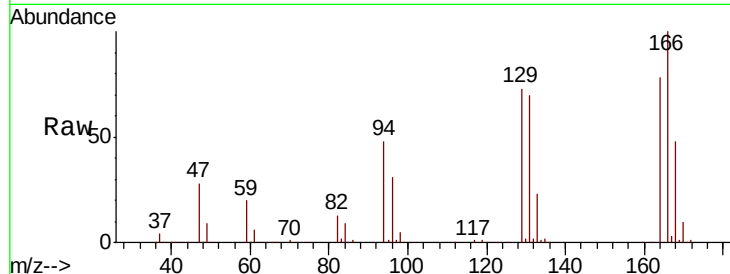




#45
1,1,2-Trichloroethane
Concen: 1.775 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

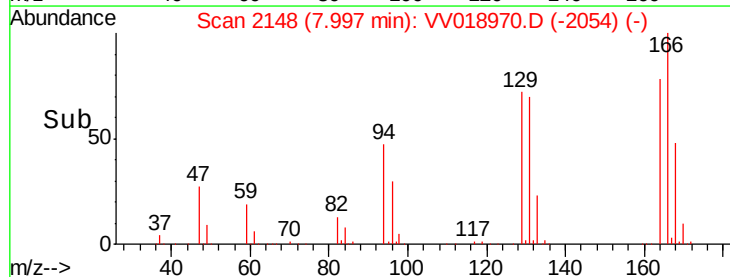
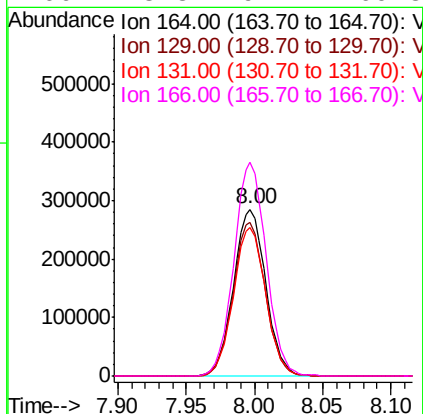
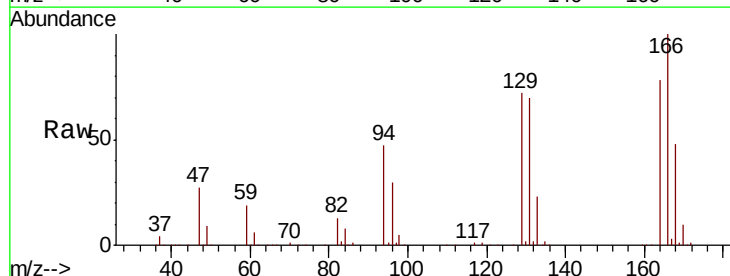
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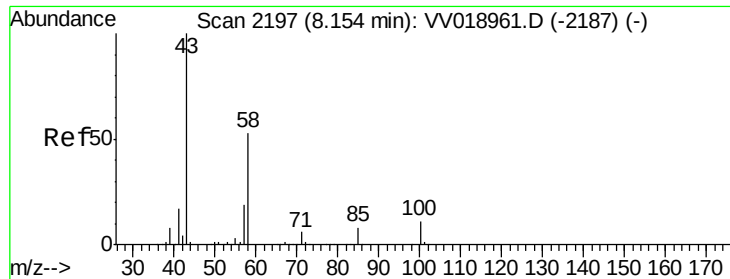
Tot Ion: 97 Resp: 4178
Ion Ratio Lower Upper
97 100
99 15.7 43.8 81.4#
83 242.9 61.0 113.4#
85 34.8 38.9 72.2#



#46
Tetrachloroethene
Concen: 243.464 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018970.D
Acq: 19 Oct 2020 15:11

Tgt Ion: 164 Resp: 467778
Ion Ratio Lower Upper
164 100
129 92.0 65.0 120.8
131 89.2 62.9 116.7
166 128.3 91.1 169.3

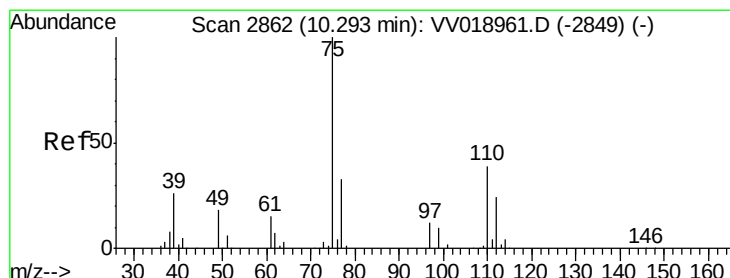
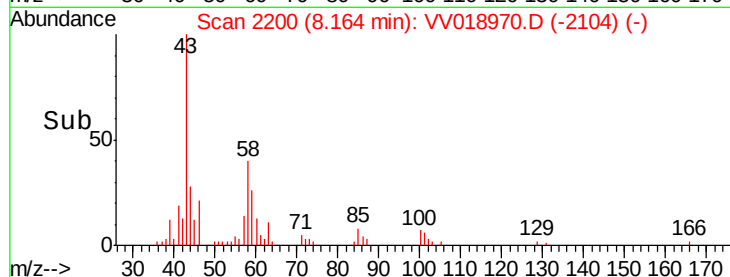
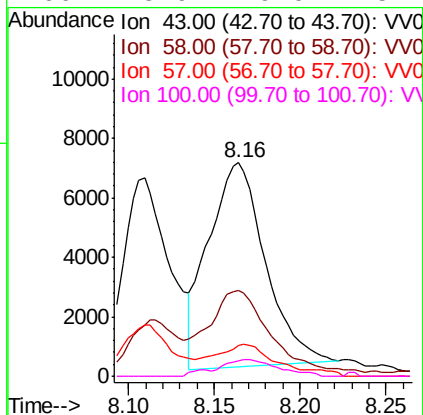
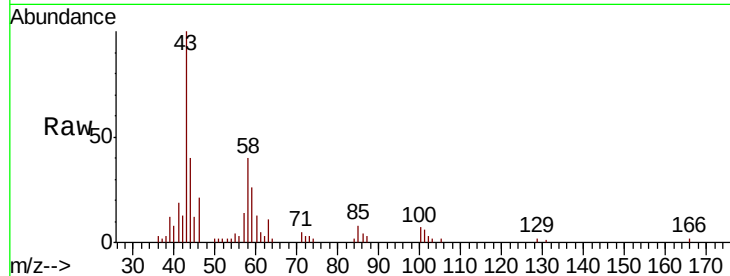




#48
 2-Hexanone
 Concen: 5.711 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018970.D
 Acq: 19 Oct 2020 15:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z7

Tot Ion: 43 Resp: 15805
 Ion Ratio Lower Upper
 43 100
 58 43.7 42.5 63.7
 57 12.6 14.5 21.7#
 100 5.9 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.630 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018970.D
 Acq: 19 Oct 2020 15:11

Tgt Ion: 75 Resp: 17246
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.4 38.2

