

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082620\
 Data File : VV018102.D
 Acq On : 26 Aug 2020 11:20
 Operator : SY/MD
 Sample : L3800-01DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F8DL

Quant Time: Aug 27 02:02:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:00:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128943	50.00	ug/L	0.00

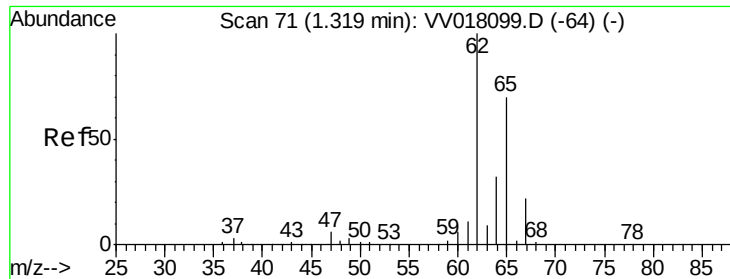
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92961	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.94%
7) Chloroethane-d5	1.58	69	81881	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.12	63	142079	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.66%
21) 2-Butanone-d5	3.90	46	114187	85.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.28%
24) Chloroform-d	4.37	84	170534	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	5.05	65	116968	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.07	84	350300	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
36) 1,2-Dichloropropane-d6	6.09	67	114191	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.33	98	306744	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloropropene-	7.64	79	51214	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.11	63	56091	73.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132570	42.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	129586	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1688	0.709	ug/L #	4
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1216	0.640	ug/L #	20
16) Methylene chloride	2.52	84	1598	0.698	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	11034	5.434	ug/L	98
25) Chloroform	4.39	83	6589	1.739	ug/L	98
34) Trichloroethene	5.94	95	21234	9.778	ug/L	98
35) Methylcyclohexane	6.09	83	27202	8.424	ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	2945	0.927	ug/L #	68
46) Tetrachloroethene	7.99	164	79069	49.647	ug/L	98
48) 2-Hexanone	8.16	43	6587	2.789	ug/L #	49
59) 1,2,3-Trichloropropane	11.27	75	14980	5.414	ug/L	89

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



#5

Vinyl chloride

Concen: 0.709 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018102.D

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MSVOA_V

ClientSampleId :

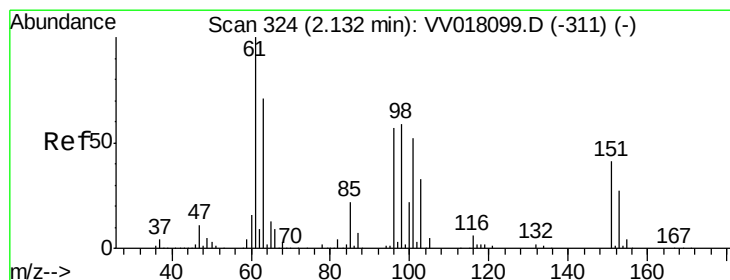
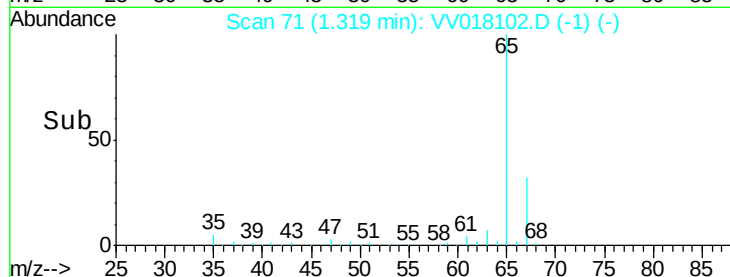
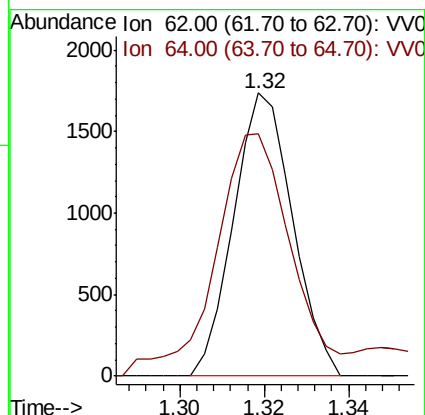
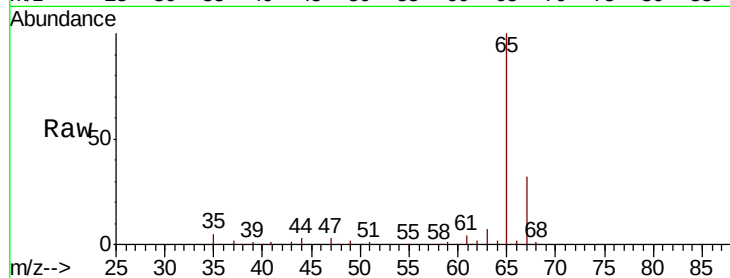
BG3F8DL

Tot Ion: 62 Resp: 1688

Ion Ratio Lower Upper

62 100

64 85.7 22.4 41.6#



#10

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

Concen: 0.640 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018102.D

Acq: 26 Aug 2020 11:20

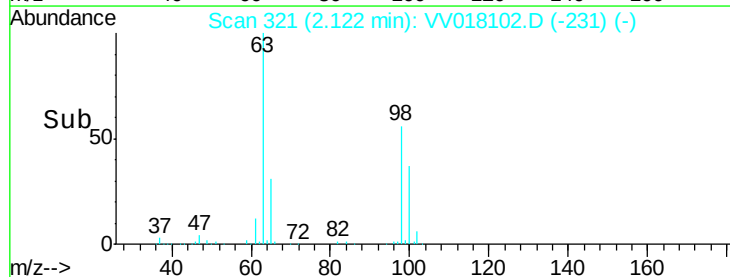
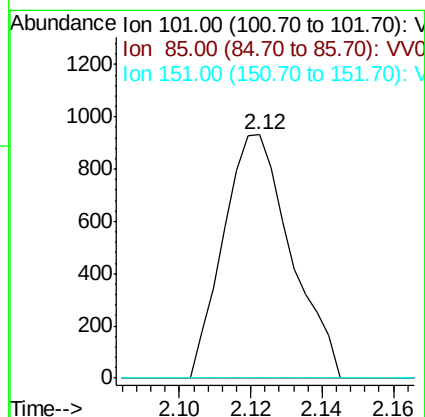
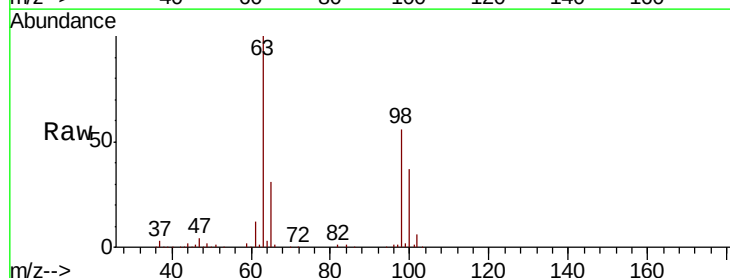
Tgt Ion: 101 Resp: 1216

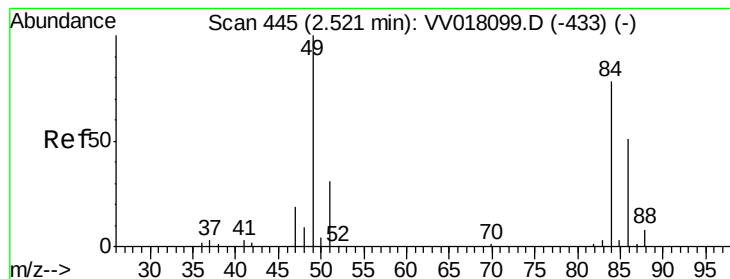
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#

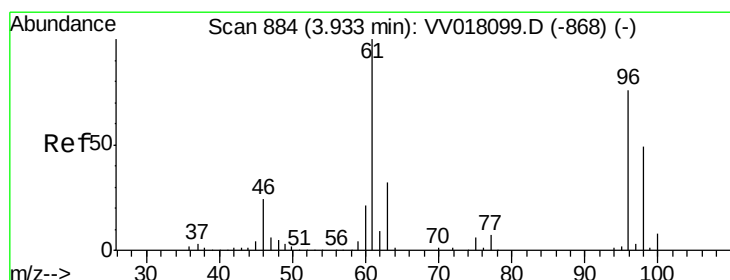
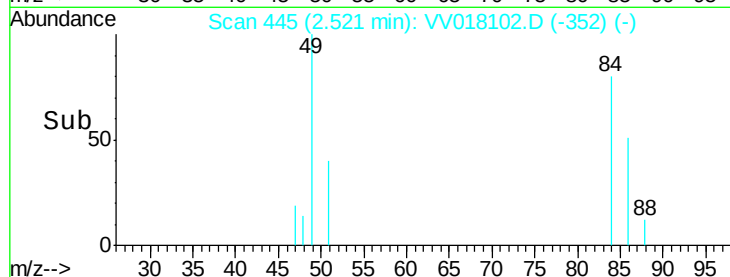
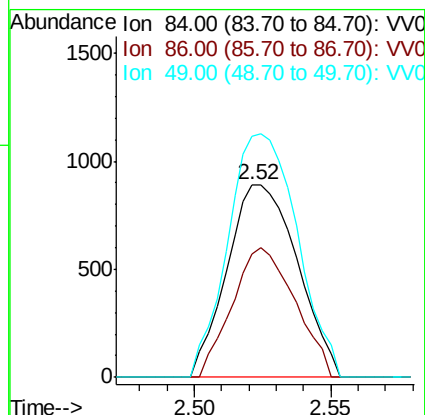
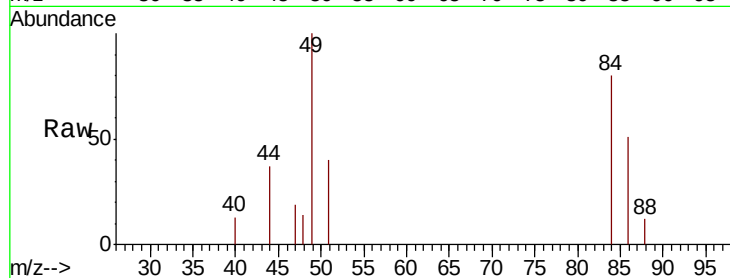




#16
Methylene chloride
Concen: 0.698 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

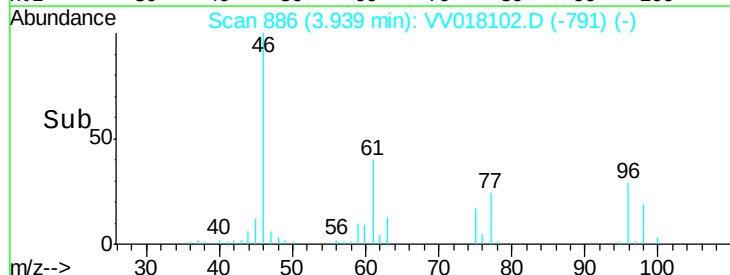
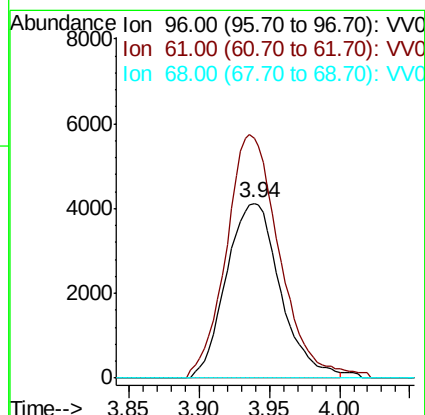
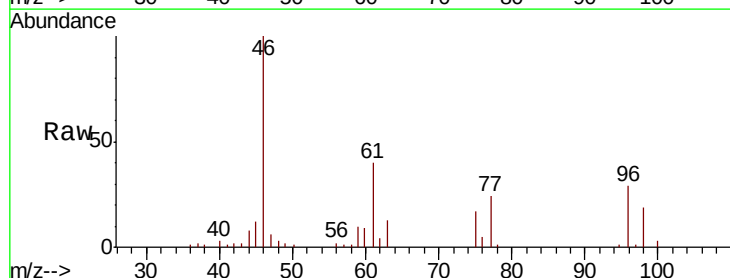
Instrument :
MSVOA_V
ClientSampled :
BG3F8DL

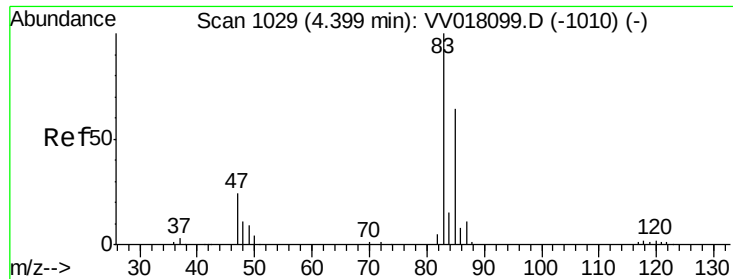
Tot Ion: 84 Resp: 1598
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 125.0 89.7 166.5



#20
cis-1,2-Dichloroethene
Concen: 5.434 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

Tgt Ion: 96 Resp: 11034
Ion Ratio Lower Upper
96 100
61 137.6 95.0 176.4
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.739 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VV018102.D

Acq: 26 Aug 2020 11:20

Instrument :

MSVOA_V

ClientSampled :

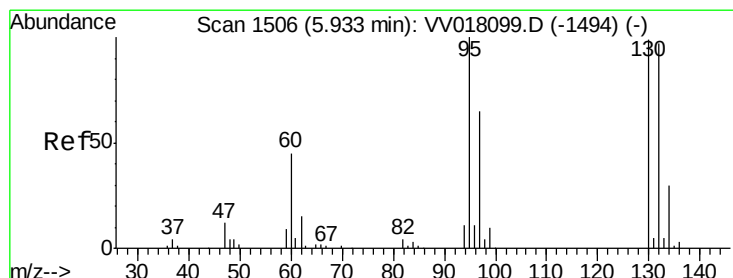
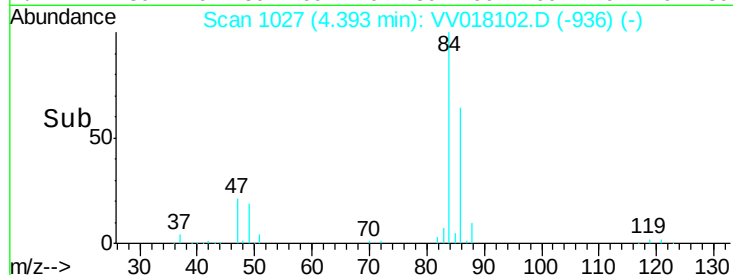
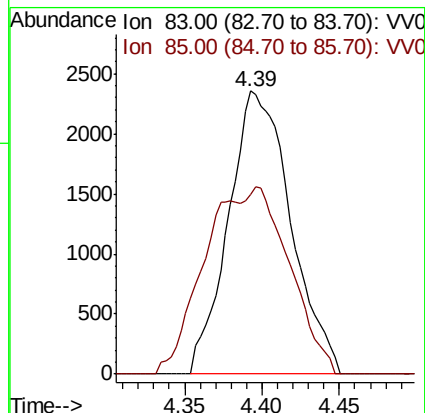
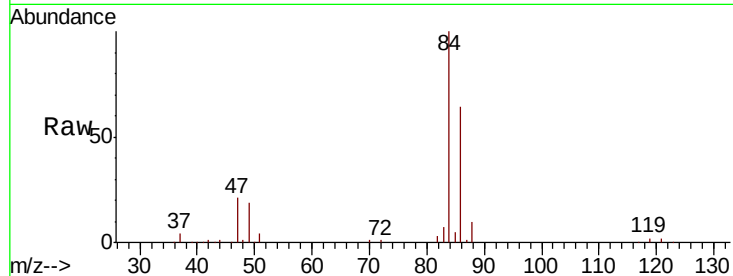
BG3F8DL

Tot Ion: 83 Resp: 6589

Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5



#34

Trichloroethene

Concen: 9.778 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018102.D

Acq: 26 Aug 2020 11:20

Tgt Ion: 95 Resp: 21234

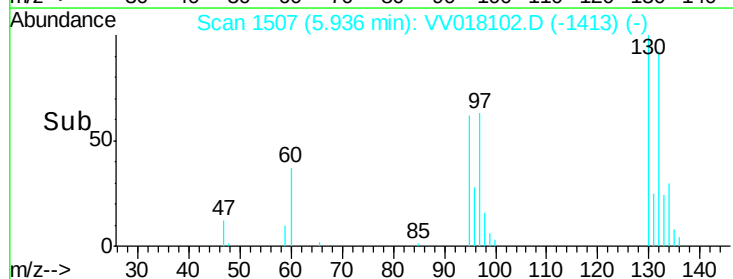
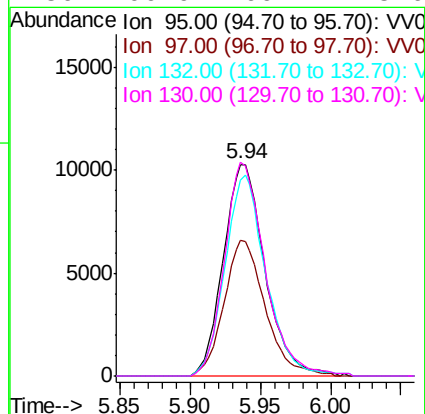
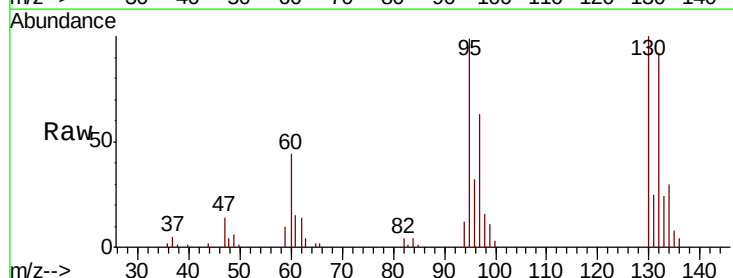
Ion Ratio Lower Upper

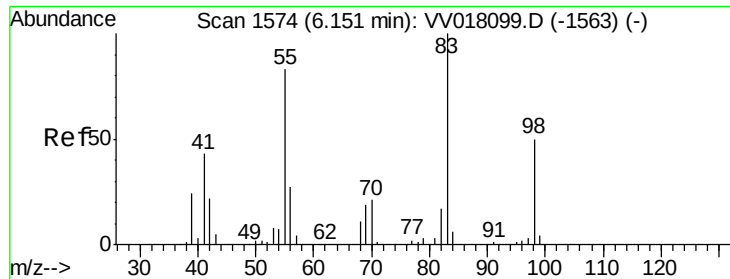
95 100

97 63.9 46.0 85.4

132 92.5 65.8 122.2

130 100.9 69.2 128.6

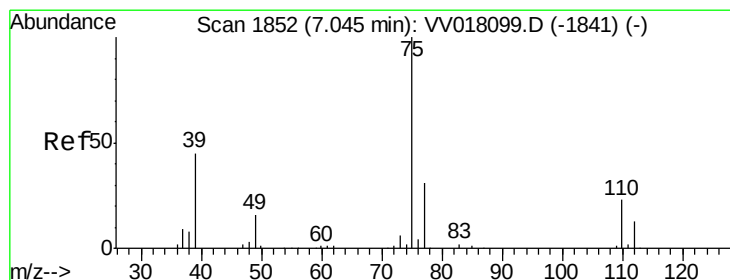
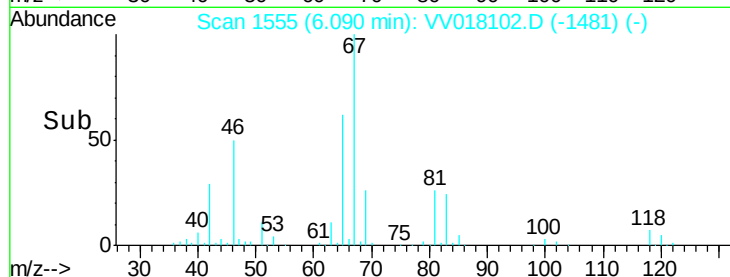
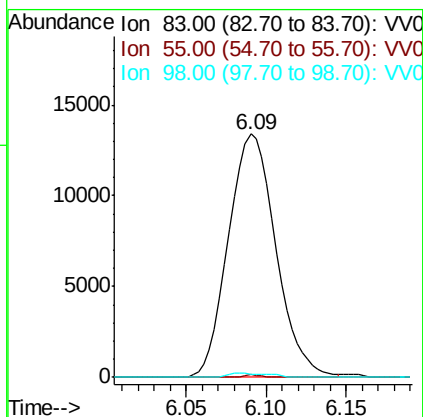
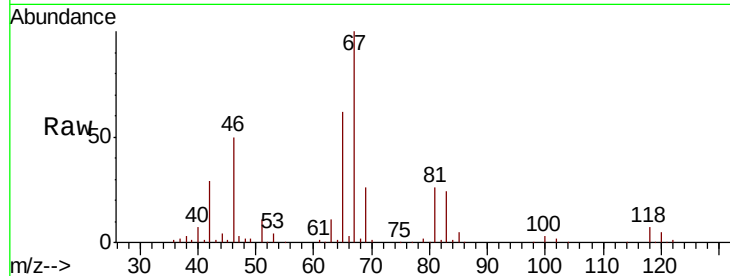




#35
Methylvlcyclohexane
Concen: 8.424 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

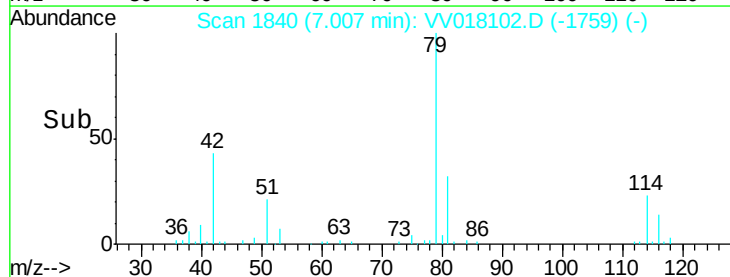
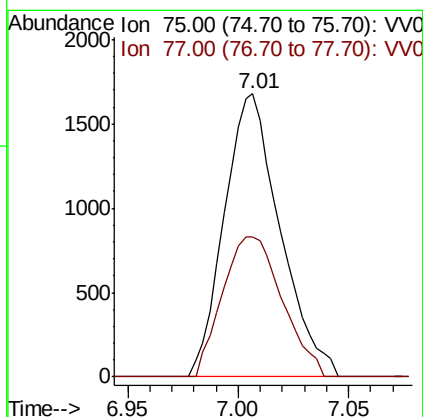
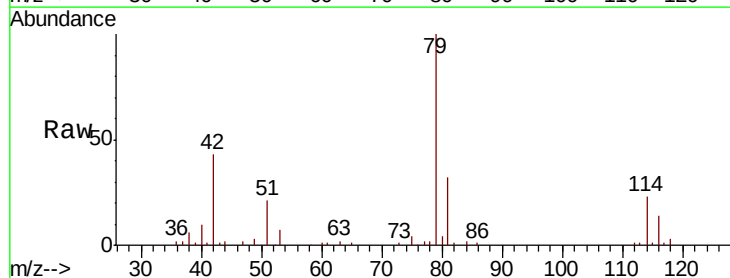
Instrument :
MSVOA_V
ClientSampleId :
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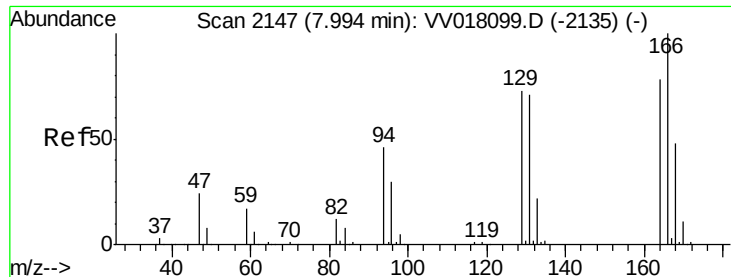
Tot Ion: 83 Resp: 27202
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.0 38.7 58.1#



#39
cis-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

Tgt Ion: 75 Resp: 2945
Ion Ratio Lower Upper
75 100
77 49.7 22.3 41.5#

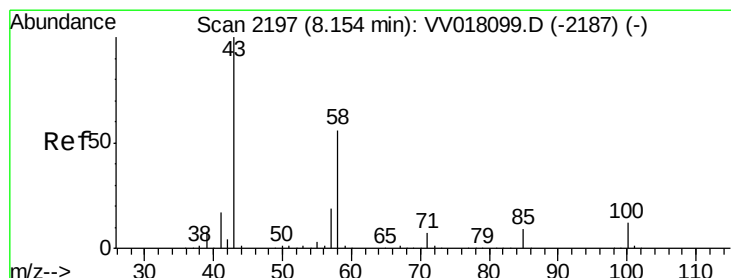
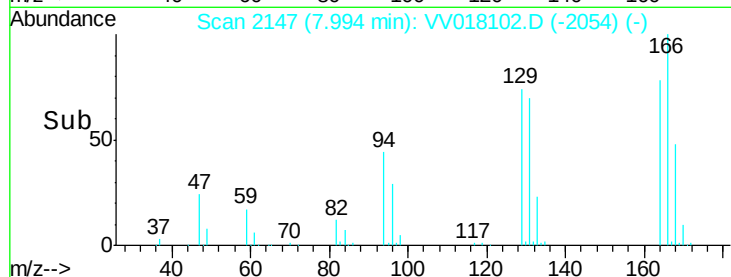
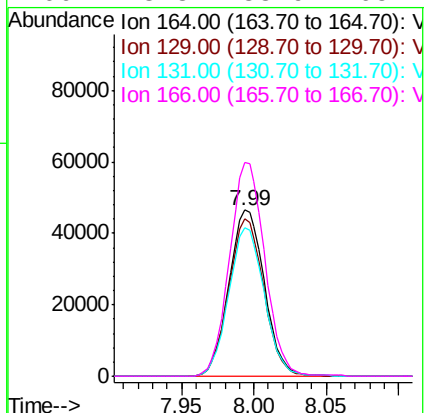
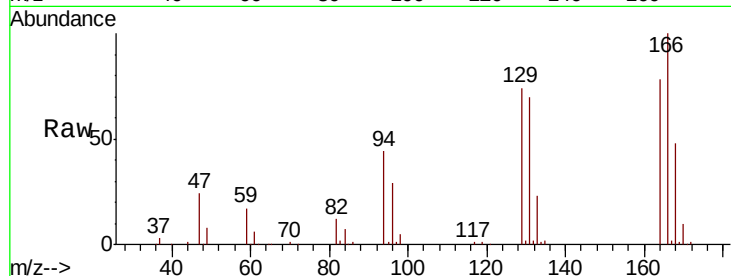




#46
Tetrachloroethene
Concen: 49.647 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

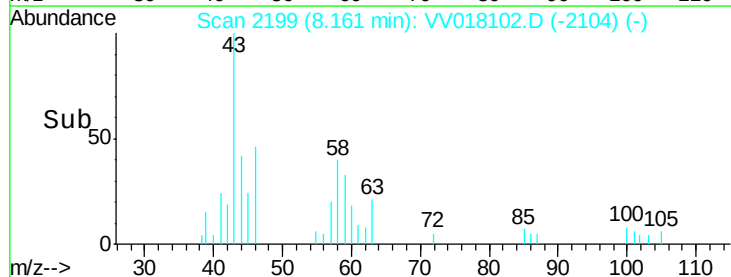
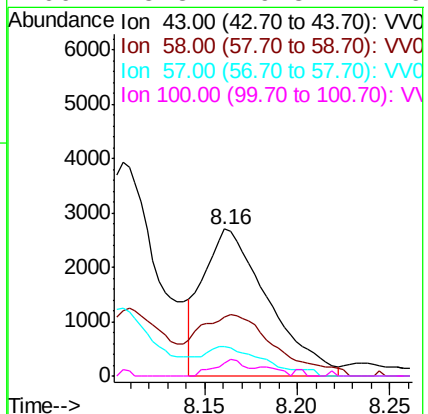
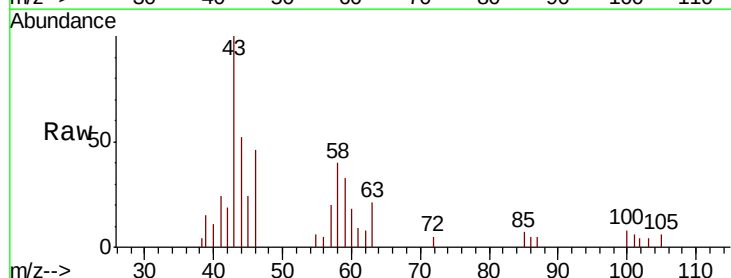
Instrument :
MSVOA_V
ClientSampleId :
BG3F8DL

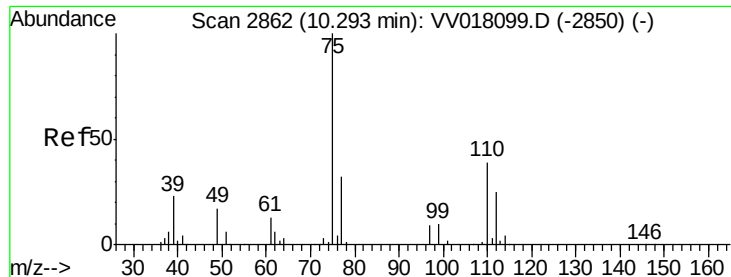
Tot Ion:164 Resp: 79069
Ion Ratio Lower Upper
164 100
129 94.9 64.8 120.3
131 89.8 64.5 119.9
166 128.8 88.9 165.1



#48
2-Hexanone
Concen: 2.789 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018102.D
Acq: 26 Aug 2020 11:20

Tgt Ion: 43 Resp: 6587
Ion Ratio Lower Upper
43 100
58 4.2 44.4 66.6#
57 12.9 15.2 22.8#
100 5.3 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.414 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018102.D

Acq: 26 Aug 2020 11:20

Instrument :

MSVOA_V

ClientSampleId :

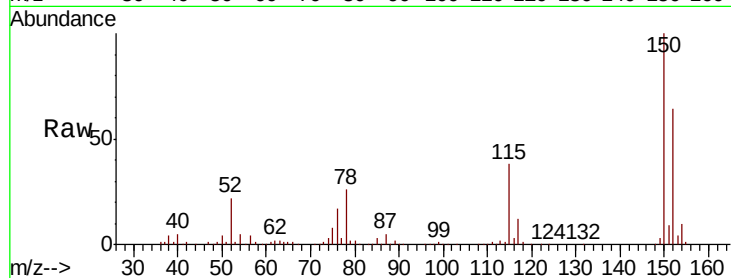
BG3F8DL

Tot Ion: 75 Resp: 14980

Ion Ratio Lower Upper

75 100

77 38.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

