

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019320.D
 Acq On : 10 Nov 2020 13:55
 Operator : SY/MD
 Sample : L4659-07
 Misc : 6.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270485	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109971	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.32%
7) Chloroethane-d5	1.58	69	84528	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.24%
11) 1,1-Dichloroethene-d2	2.10	63	169030	41.34	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.68%
21) 2-Butanone-d5	3.93	46	119174	90.52	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.52%
24) Chloroform-d	4.37	84	180828	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.05	65	132424	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	360683	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.09	67	114463	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.33	98	327444	44.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.64%
43) trans-1,3-Dichloropropene-	7.64	79	57501	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.66%
47) 2-Hexanone-d5	8.14	63	80946	81.51	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129661	41.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	127012	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%

Target Compounds

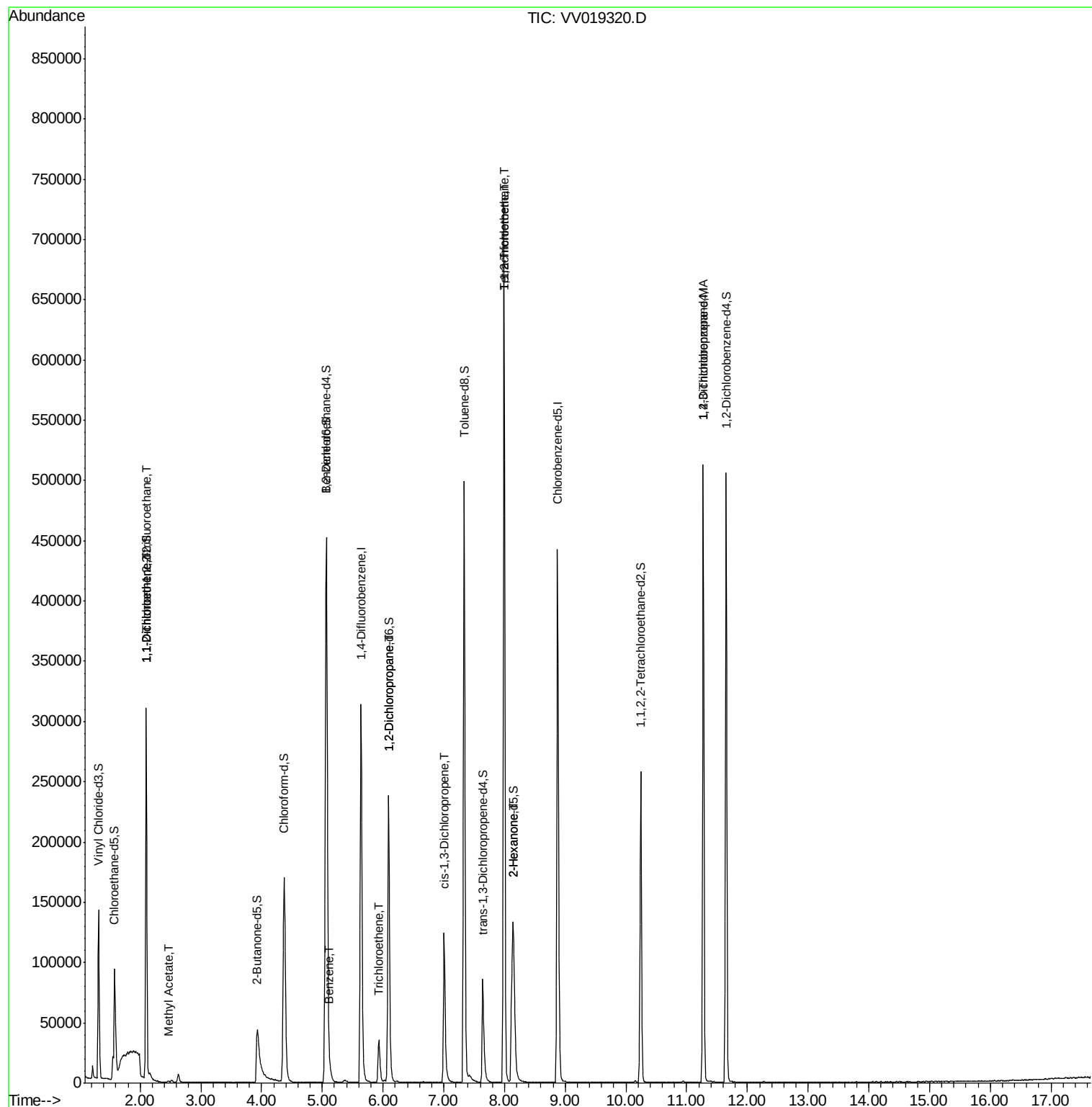
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1485	0.838	ug/L #	18
12) 1,1-Dichloroethene	2.10	96	1441	0.831	ug/L #	1
15) Methyl Acetate	2.46	43	1858	0.943	ug/L #	64
33) Benzene	5.12	78	9413	1.204	ug/L	100
34) Trichloroethene	5.94	95	8426	3.935	ug/L	94
37) 1,2-Dichloropropane	6.09	63	13537	6.973	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3548	1.107	ug/L #	62
45) 1,1,2-Trichloroethane	8.00	97	1449	0.744	ug/L #	15
46) Tetrachloroethene	7.99	164	158933	86.916	ug/L	98
48) 2-Hexanone	8.14	43	6983	3.281	ug/L #	48
59) 1,2,3-Trichloropropane	11.27	75	15197	5.988	ug/L	89

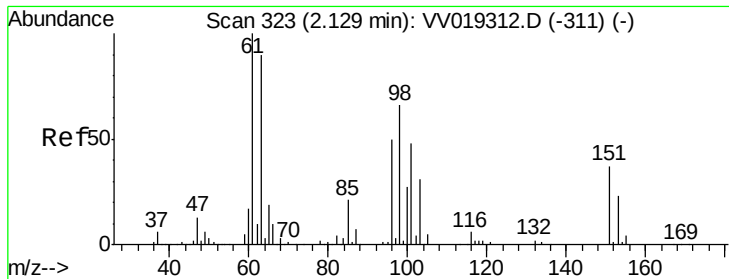
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 02:14:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.838 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019320.D

Acq: 10 Nov 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

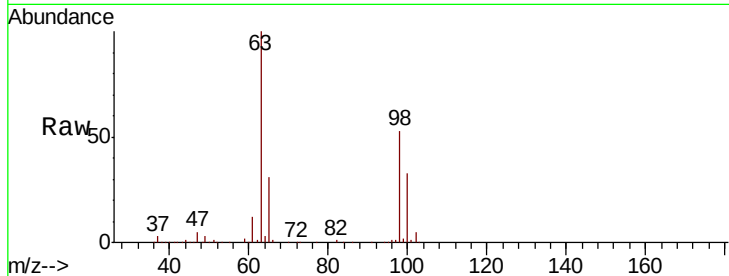
Tot Ion:101 Resp: 1485

Ion Ratio Lower Upper

101 100

85 2.7 36.1 54.1#

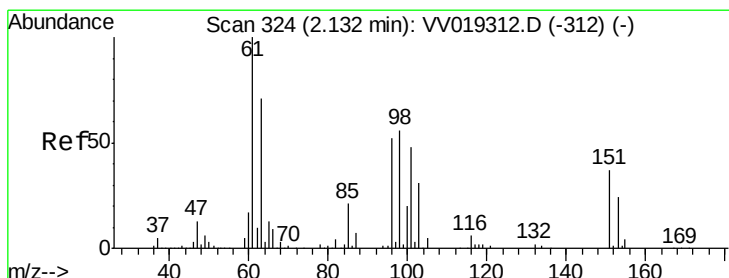
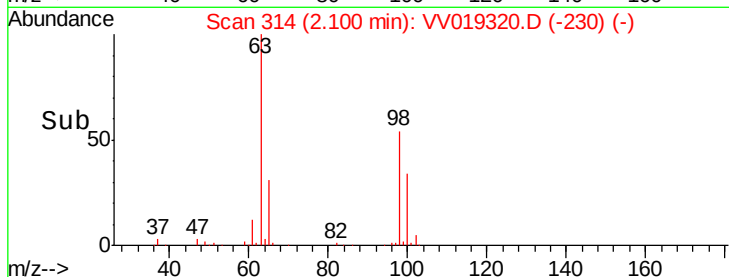
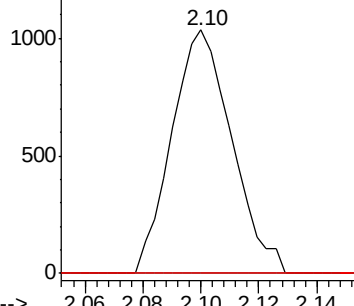
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019320.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV019320.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV019320.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.831 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019320.D

Acq: 10 Nov 2020 13:55

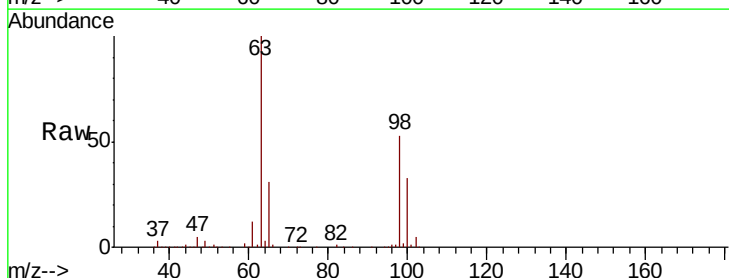
Tgt Ion: 96 Resp: 1441

Ion Ratio Lower Upper

96 100

61 1569.3 132.6 246.2#

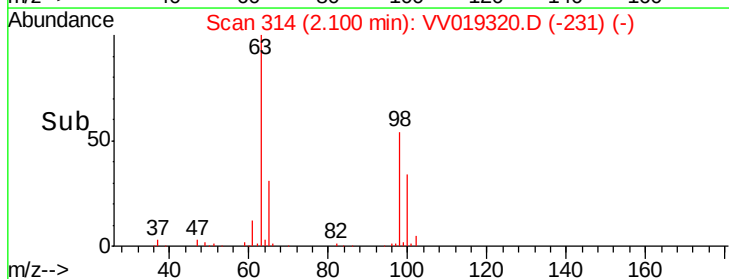
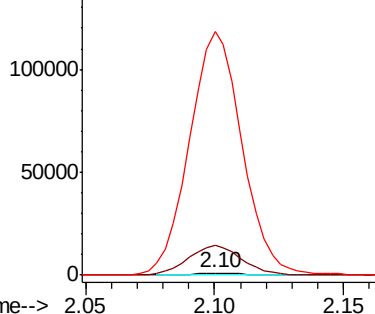
63 13004.8 108.4 201.4#

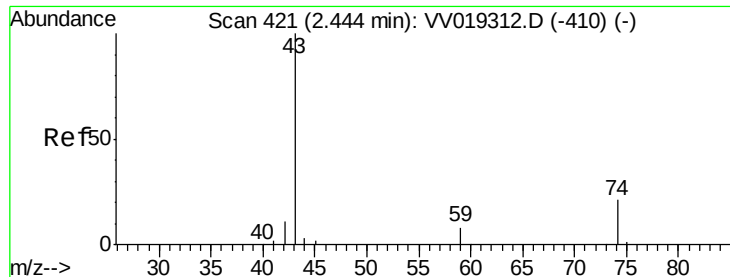


Abundance Ion 96.00 (95.70 to 96.70): VV019320.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV019320.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV019320.D (-231) (-)

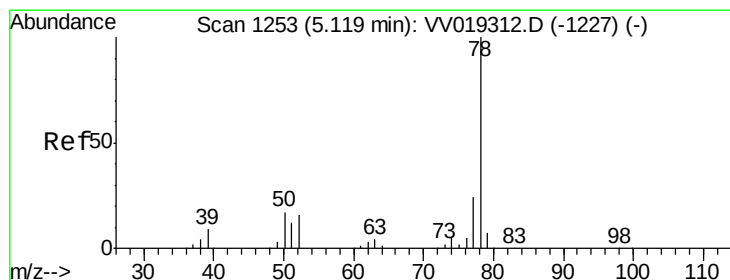
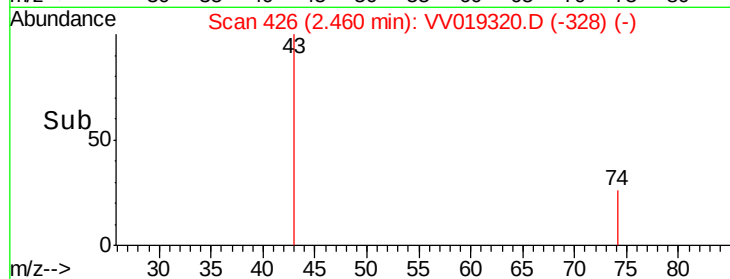
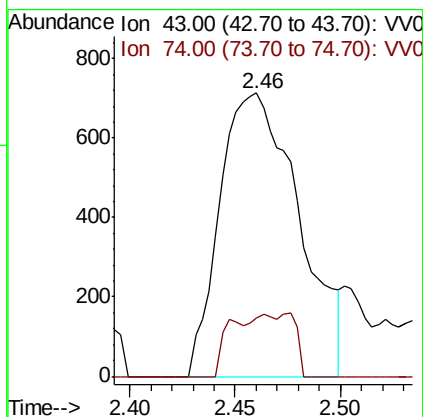
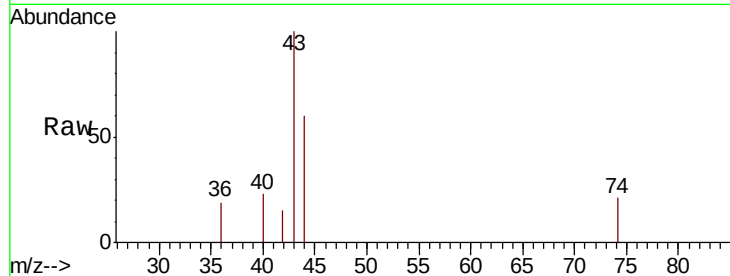




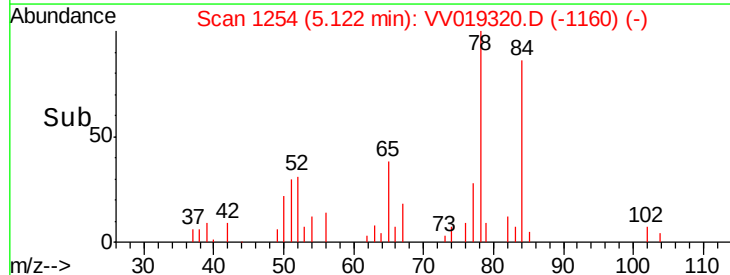
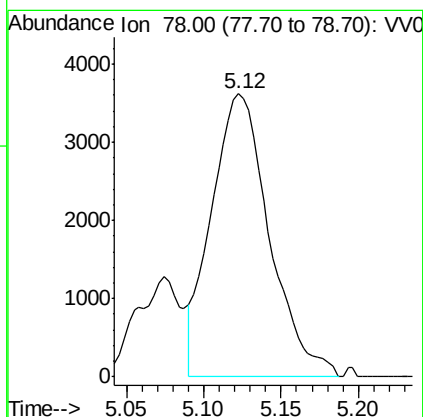
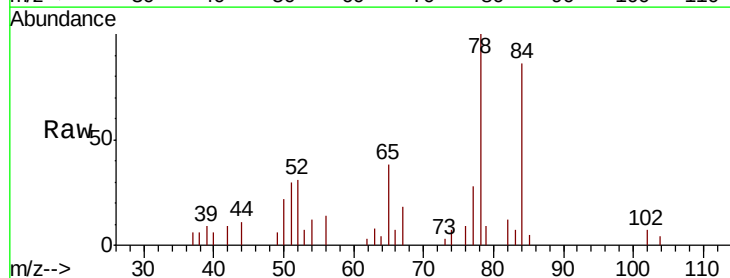
#15
Methvl Acetate
Concen: 0.943 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.02 min
Lab File: VV019320.D
Acq: 10 Nov 2020 13:55

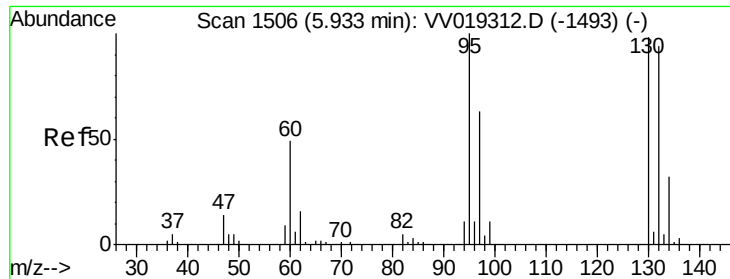
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
74 5.4 18.4 27.6#



#33
Benzene
Concen: 1.204 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV019320.D
Acq: 10 Nov 2020 13:55
Tgt Ion: 78 Resp: 9413





#34

Trichloroethene

Concen: 3.935 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019320.D

Acq: 10 Nov 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 8426

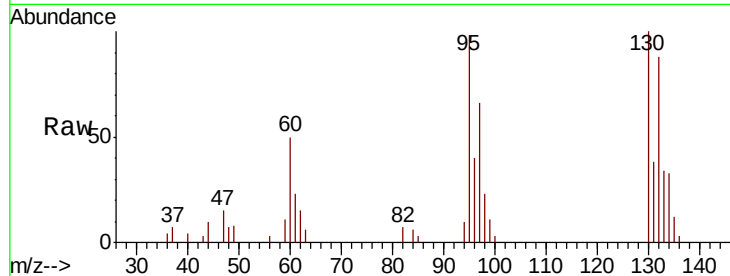
Ion Ratio Lower Upper

95 100

97 67.6 43.4 80.6

132 90.5 69.7 129.4

130 102.4 72.4 134.5

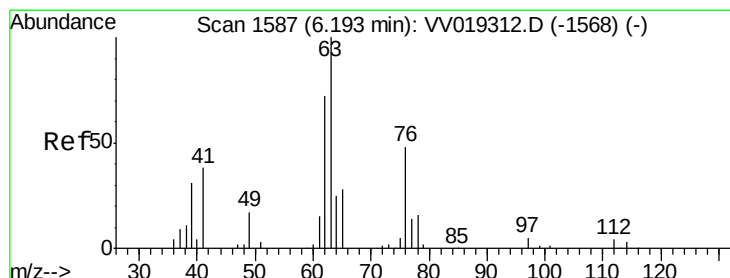
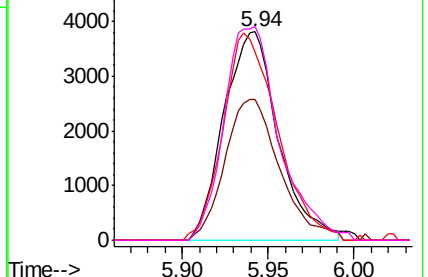
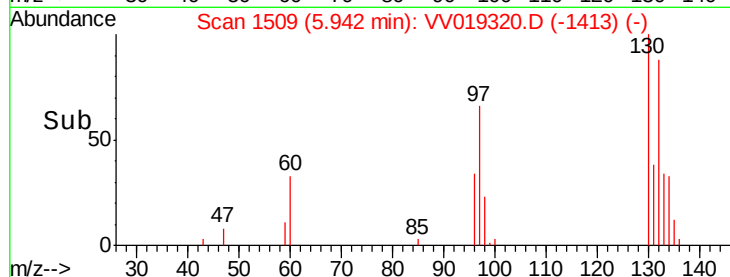


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.973 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019320.D

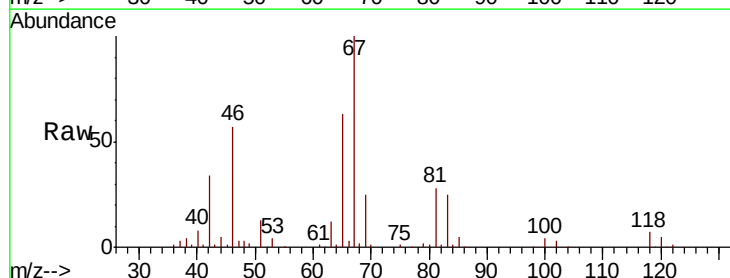
Acq: 10 Nov 2020 13:55

Tgt Ion: 63 Resp: 13537

Ion Ratio Lower Upper

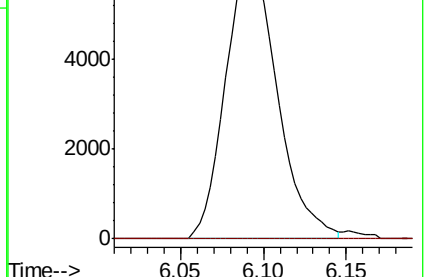
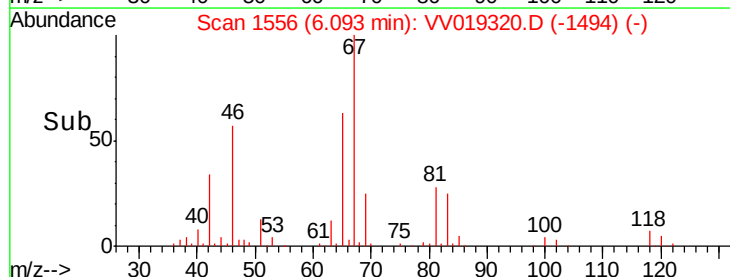
63 100

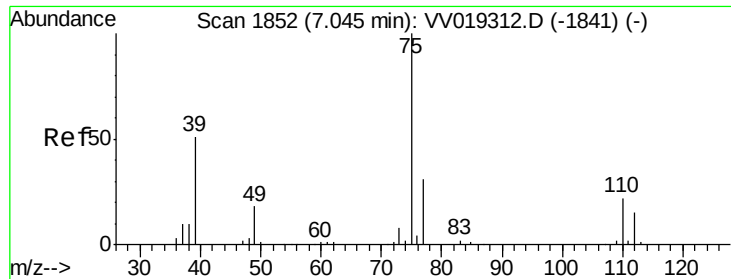
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

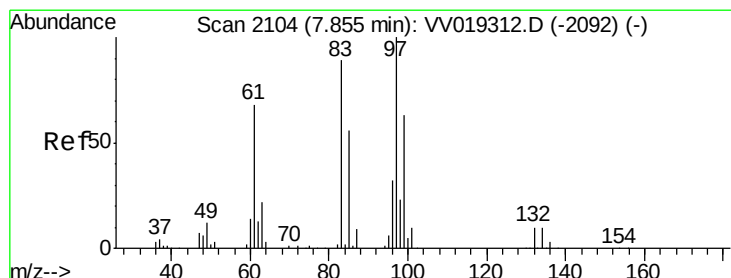
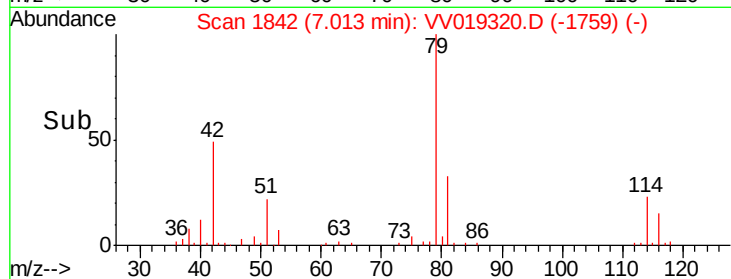
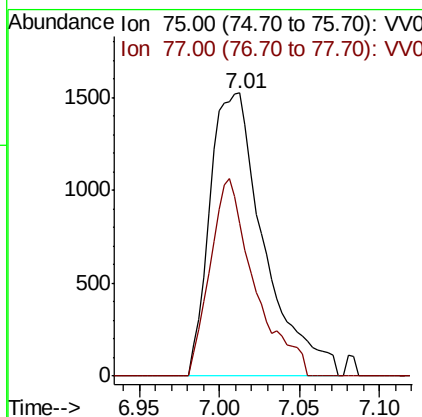
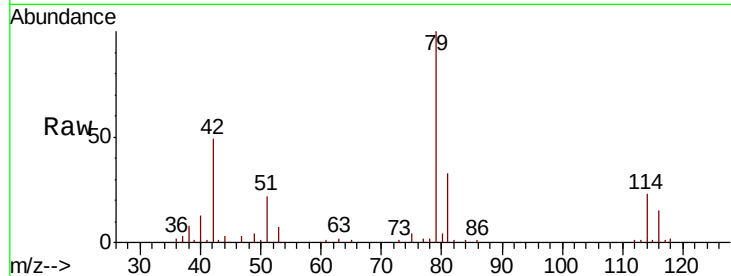




#39
 cis-1,3-Dichloropropene
 Concen: 1.107 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: VV019320.D
 Acq: 10 Nov 2020 13:55

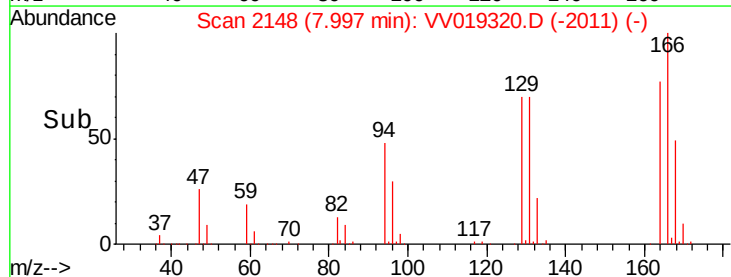
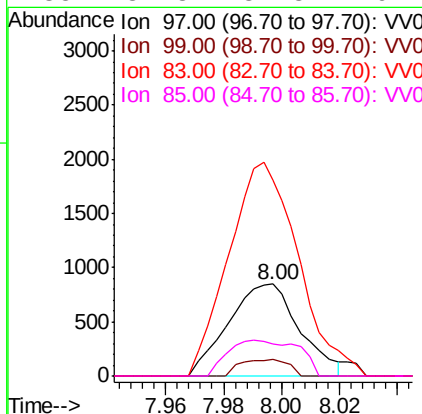
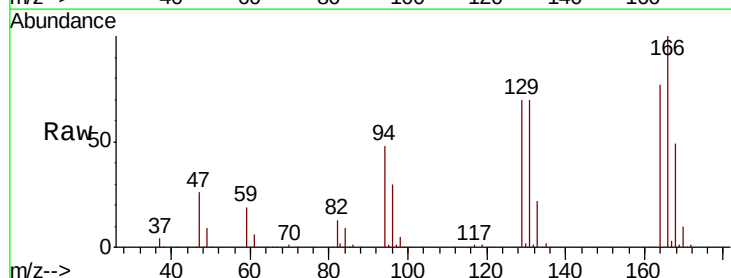
Instrument :
 MSVOA_V
 ClientSampleId :

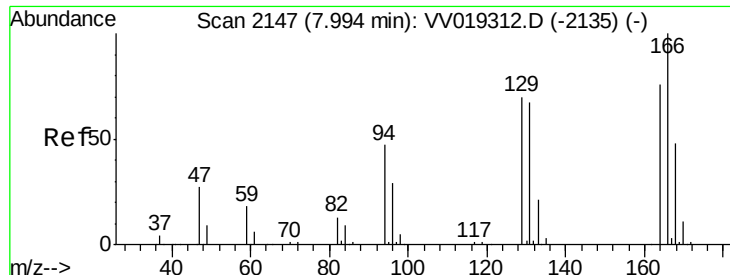
Tot Ion: 75 Resp: 3548
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.7 42.1#



#45
 1,1,2-Trichloroethane
 Concen: 0.744 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.14 min
 Lab File: VV019320.D
 Acq: 10 Nov 2020 13:55

Tgt Ion: 97 Resp: 1449
 Ion Ratio Lower Upper
 97 100
 99 17.6 43.1 80.1#
 83 212.9 58.3 108.3#
 85 34.8 37.8 70.2#

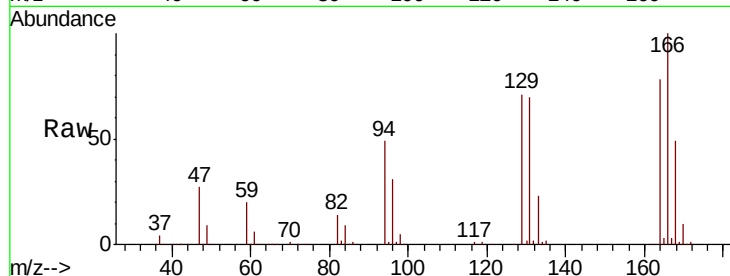




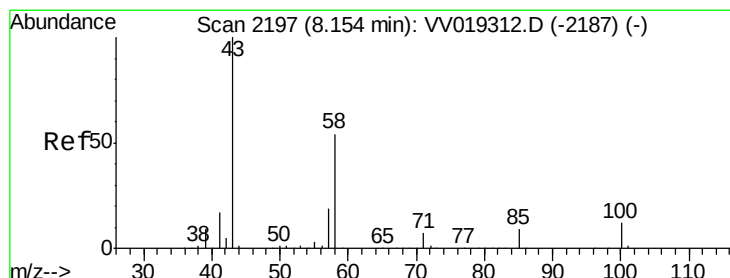
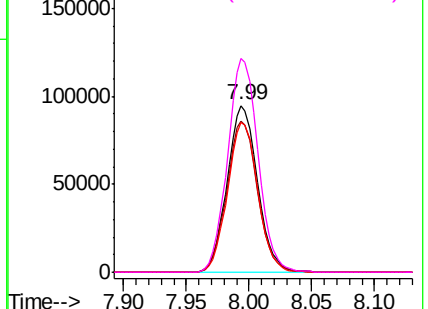
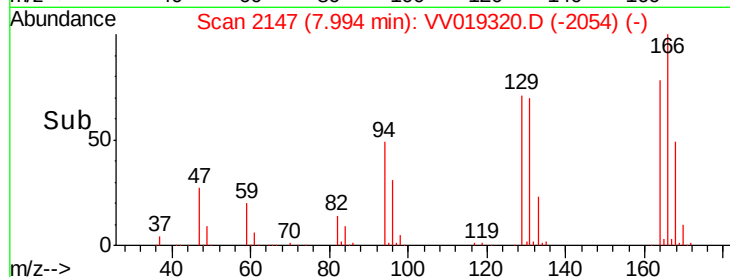
#46
Tetrachloroethene
Concen: 86.916 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019320.D
Acq: 10 Nov 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 158933
Ion Ratio Lower Upper
164 100
129 90.9 63.2 117.4
131 89.8 60.3 112.1
166 128.2 88.3 163.9

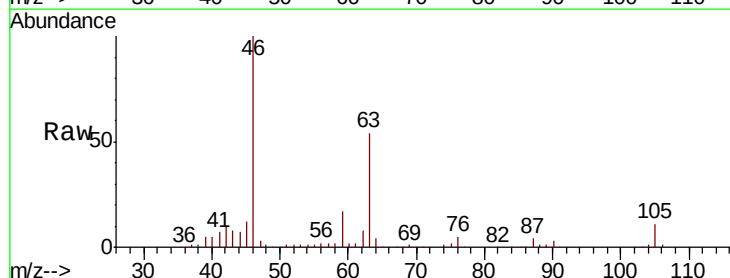


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

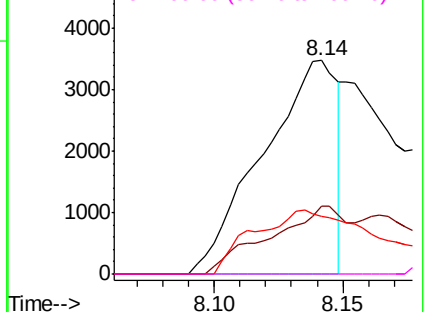
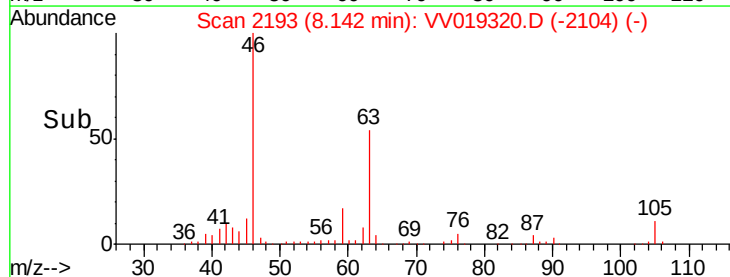


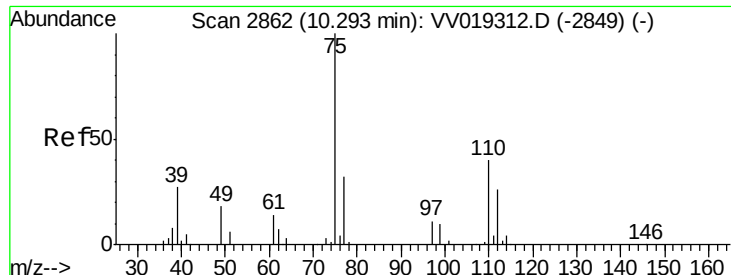
#48
2-Hexanone
Concen: 3.281 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VV019320.D
Acq: 10 Nov 2020 13:55

Tgt Ion: 43 Resp: 6983
Ion Ratio Lower Upper
43 100
58 12.9 43.6 65.4#
57 42.5 16.0 24.0#
100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.988 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019320.D

Acq: 10 Nov 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15197

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.4

