

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019319.D
 Acq On : 10 Nov 2020 13:31
 Operator : SY/MD
 Sample : L4659-04
 Misc : 5.94g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:12 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	277040	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112463	51.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.16%
7) Chloroethane-d5	1.58	69	87255	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.04%
11) 1,1-Dichloroethene-d2	2.10	63	173649	41.46	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
21) 2-Butanone-d5	3.93	46	108486	80.45	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.45%
24) Chloroform-d	4.37	84	185226	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.05	65	132853	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.07	84	368819	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.09	67	115970	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.33	98	335569	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.64	79	57151	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.14	63	78251	75.84	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128482	40.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	129396	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

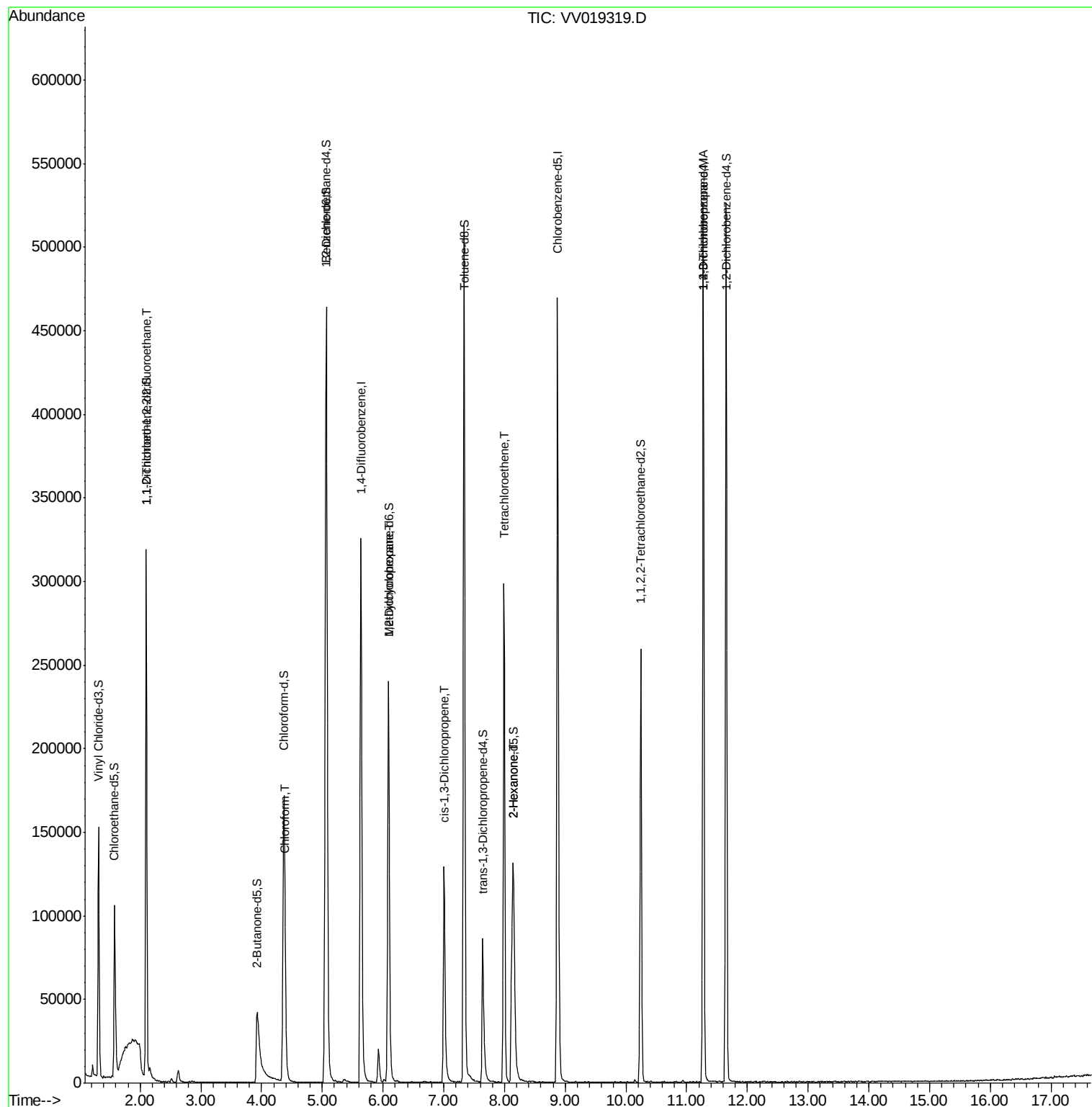
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1300	0.717 ug/L #	19
25) Chloroform	4.40	83	5264	1.370 ug/L	98
35) Methylcyclohexane	6.09	83	28892	9.620 ug/L #	18
39) cis-1,3-Dichloropropene	7.00	75	3614	1.085 ug/L #	72
46) Tetrachloroethene	7.99	164	66291	34.895 ug/L	98
48) 2-Hexanone	8.14	43	12733	5.758 ug/L #	52
59) 1,2,3-Trichloropropane	11.27	75	15544	5.896 ug/L	89

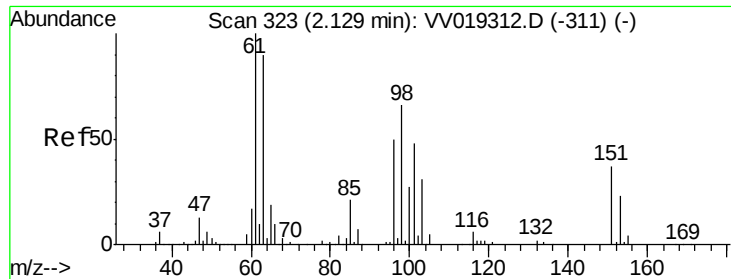
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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Quant Time: Nov 11 02:17:12 2020
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: 0.717 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

Lab File: VV019319.D

Acq: 10 Nov 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

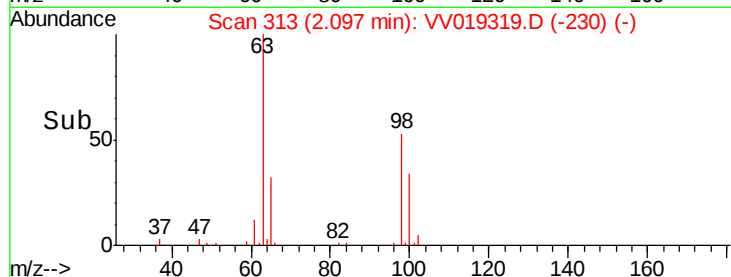
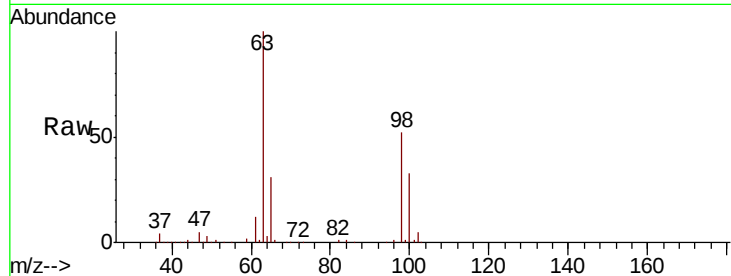
Tot Ion:101 Resp: 1300

Ion Ratio Lower Upper

101 100

85 5.1 36.1 54.1#

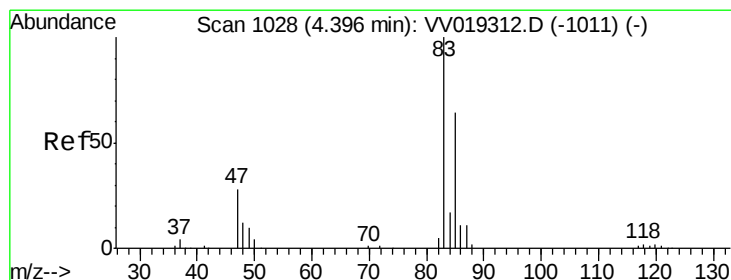
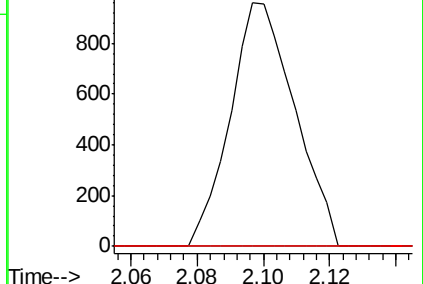
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019312.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV019319.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV019319.D (-230) (-)



#25

Chloroform

Concen: 1.370 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VV019319.D

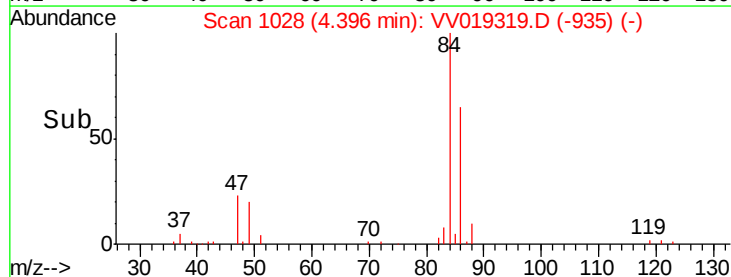
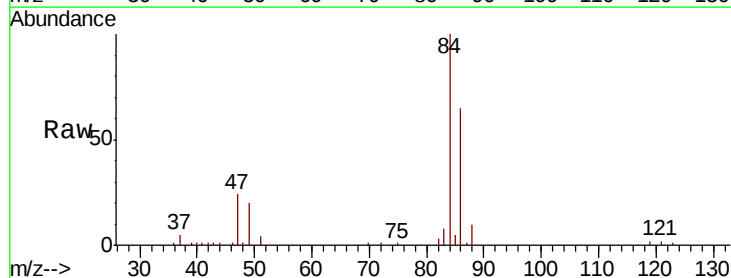
Acq: 10 Nov 2020 13:31

Tgt Ion: 83 Resp: 5264

Ion Ratio Lower Upper

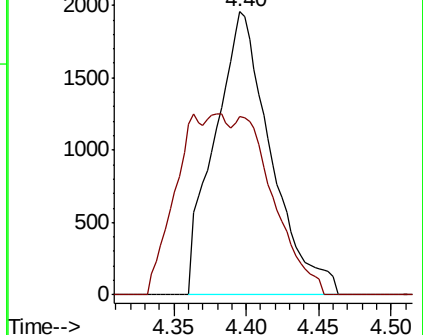
83 100

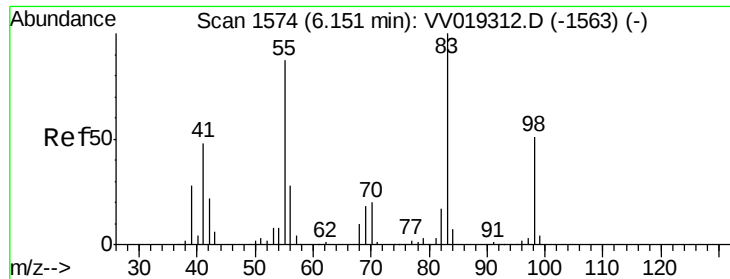
85 62.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV019312.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV019319.D (-935) (-)

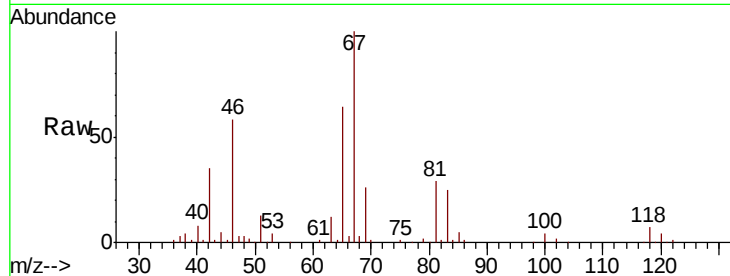




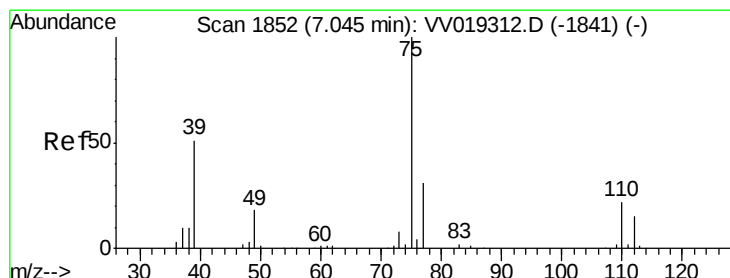
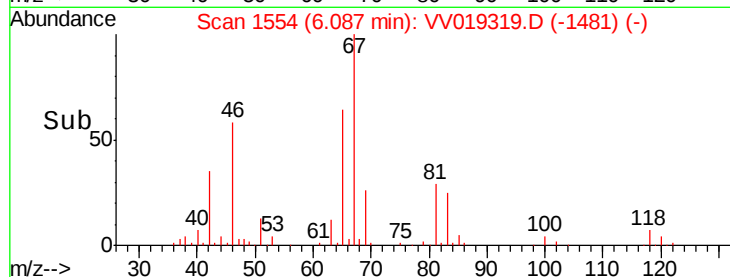
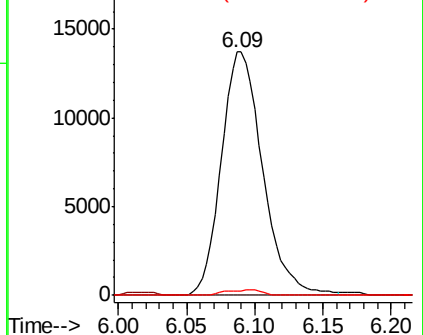
#35
Methvlcvclohexane
Concen: 9.620 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.06 min
Lab File: VV019319.D
Acq: 10 Nov 2020 13:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 28892
Ion Ratio Lower Upper
83 100
55 0.9 62.2 93.4#
98 0.8 39.4 59.2#

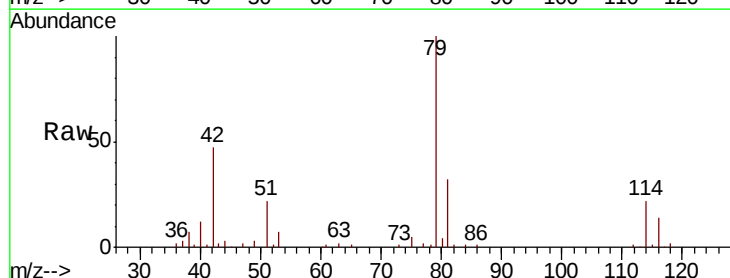


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

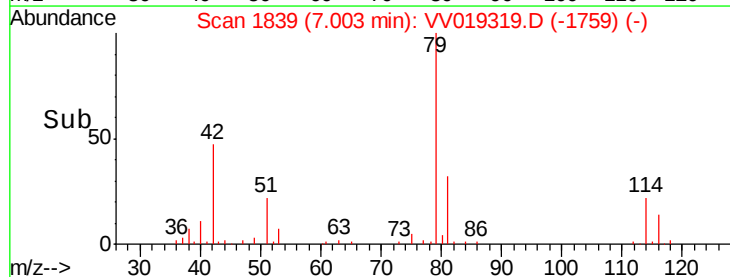
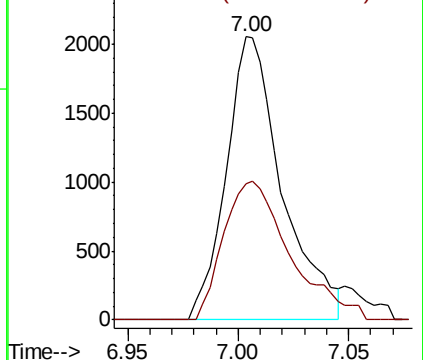


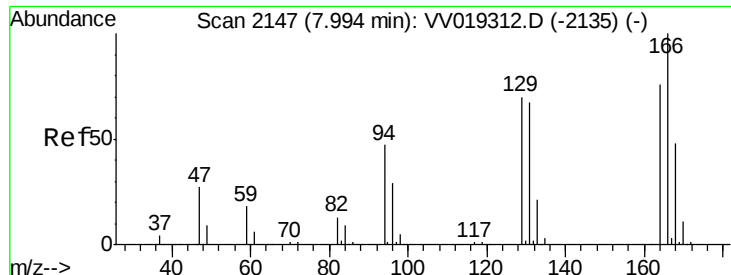
#39
cis-1,3-Dichloropropene
Concen: 1.085 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV019319.D
Acq: 10 Nov 2020 13:31

Tgt Ion: 75 Resp: 3614
Ion Ratio Lower Upper
75 100
77 48.2 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

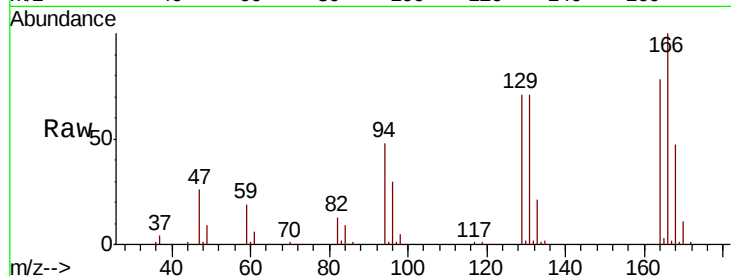




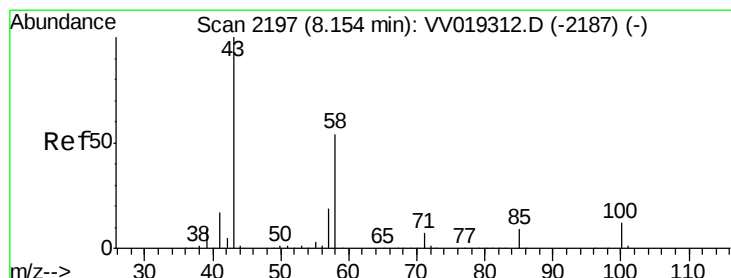
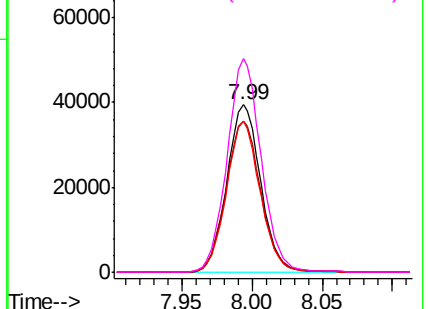
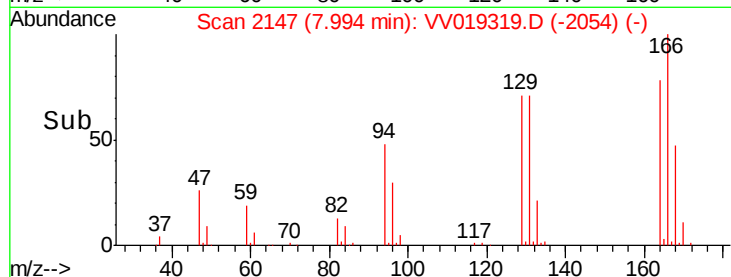
#46
Tetrachloroethene
Concen: 34.895 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019319.D
Acq: 10 Nov 2020 13:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 66291
Ion Ratio Lower Upper
164 100
129 90.6 63.2 117.4
131 90.2 60.3 112.1
166 127.8 88.3 163.9

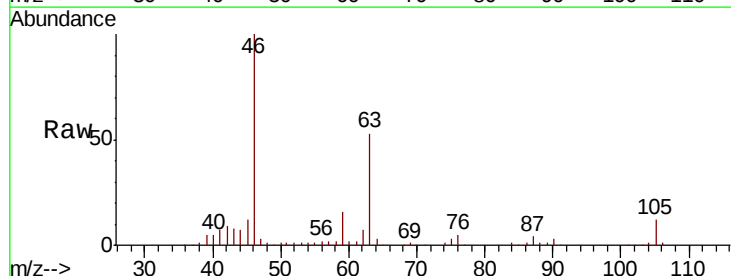


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

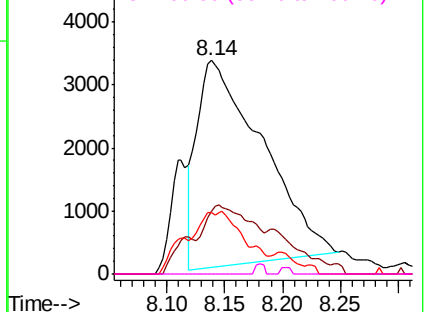
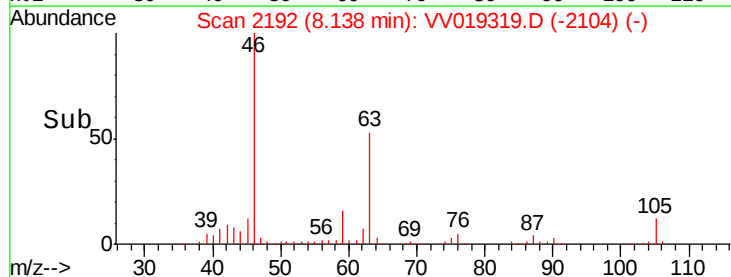


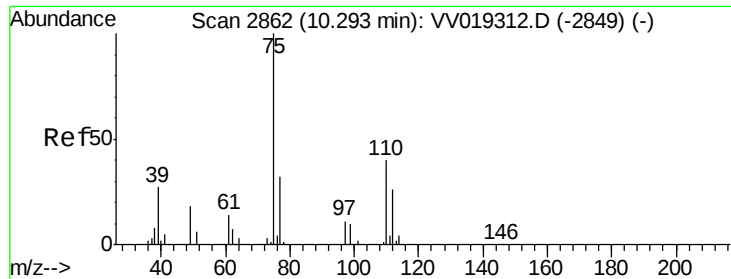
#48
2-Hexanone
Concen: 5.758 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV019319.D
Acq: 10 Nov 2020 13:31

Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
58 14.1 43.6 65.4#
57 3.2 16.0 24.0#
100 0.7 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: 5.896 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019319.D

Acq: 10 Nov 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15544

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.4

