

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019525.D
 Acq On : 10 Dec 2020 21:28
 Operator : SY/MD
 Sample : L4997-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ7

Quant Time: Dec 11 02:40:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	674724	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	623110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	292195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202207	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.58%
7) Chloroethane-d5	1.57	69	171280	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	1.85	63	176	0.02	ug/L	-0.27
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.89	46	264673	100.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.35	84	407430	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.04	65	283697	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.05	84	808459	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
36) 1,2-Dichloropropane-d6	6.07	67	257057	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.32	98	722924	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	7.62	79	140104	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.64%
47) 2-Hexanone-d5	8.09	63	202480	99.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	339720	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.63	152	266500	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%

Target Compounds

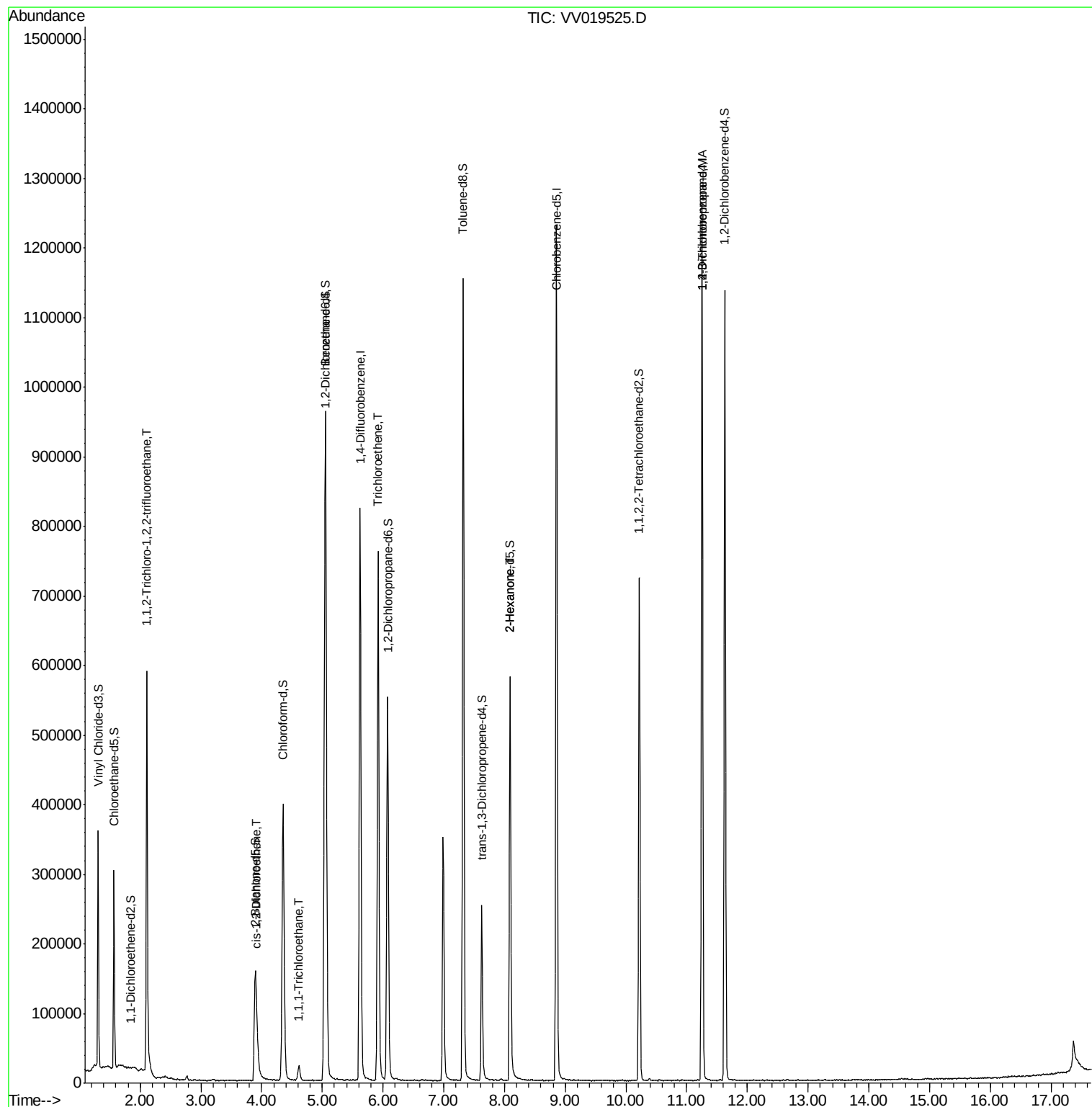
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2985	0.762 ug/L #	22
20) cis-1,2-Dichloroethene	3.92	96	16361	3.378 ug/L #	99
30) 1,1,1-Trichloroethane	4.61	97	17141	2.194 ug/L	98
34) Trichloroethene	5.92	95	271288	56.394 ug/L	99
48) 2-Hexanone	8.09	43	23143	4.445 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	39303	6.644 ug/L	89

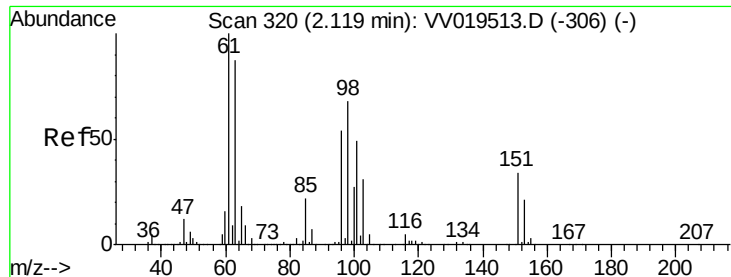
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.762 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019525.D

Acq: 10 Dec 2020 21:28

Instrument :

MSVOA_V

ClientSampleId :

C0AQ7

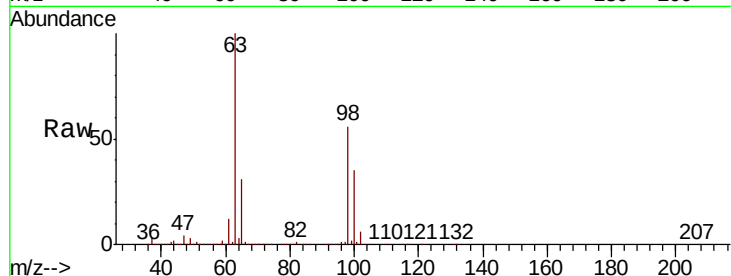
Tot Ion:101 Resp: 2985

Ion Ratio Lower Upper

101 100

85 1.0 35.0 52.4#

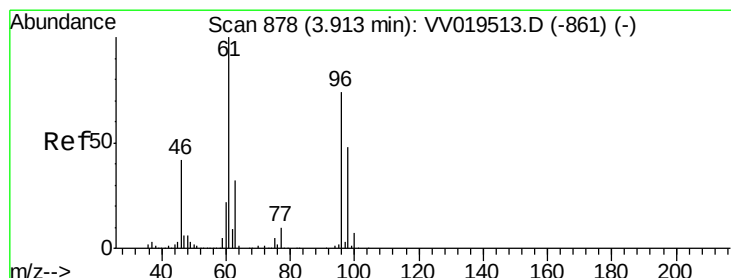
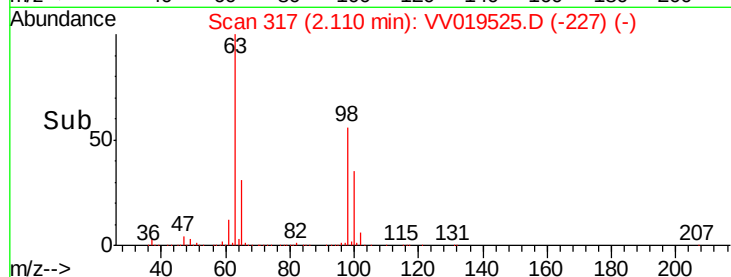
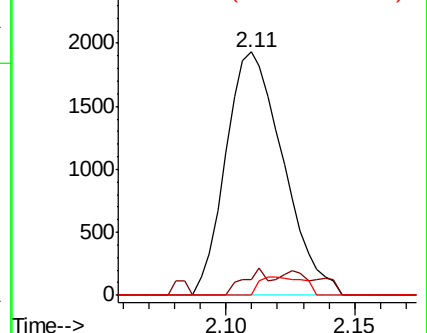
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 3.378 ug/L

RT: 3.92 min Scan# 881

Delta R.T. 0.01 min

Lab File: VV019525.D

Acq: 10 Dec 2020 21:28

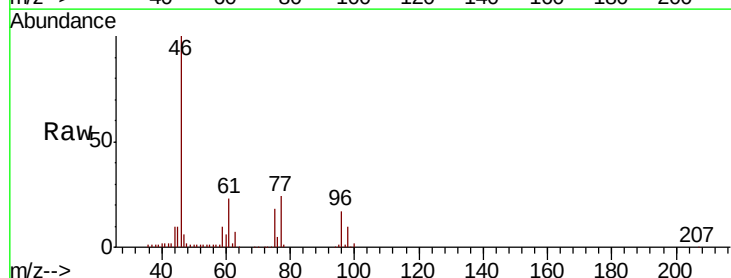
Tgt Ion: 96 Resp: 16361

Ion Ratio Lower Upper

96 100

61 135.2 94.1 174.8

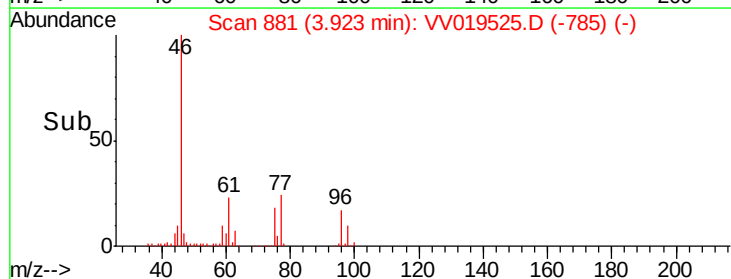
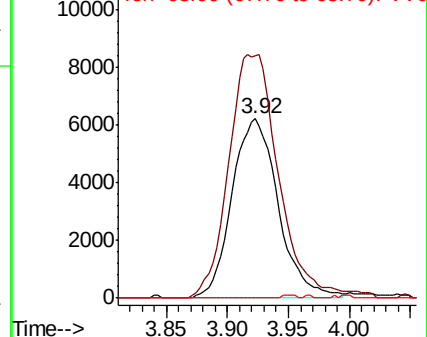
68 0.0 0.1 0.1#

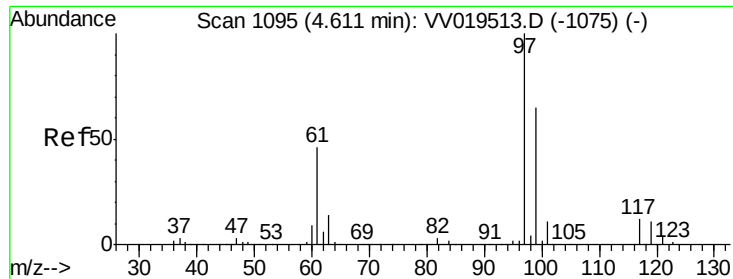


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

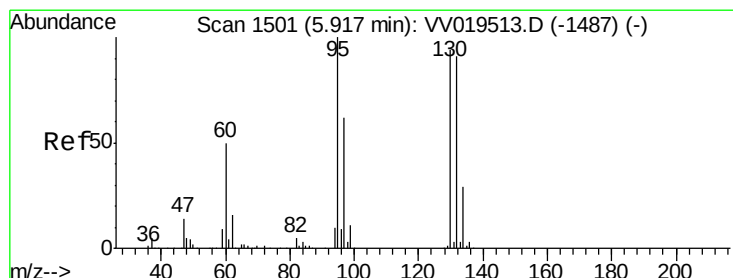
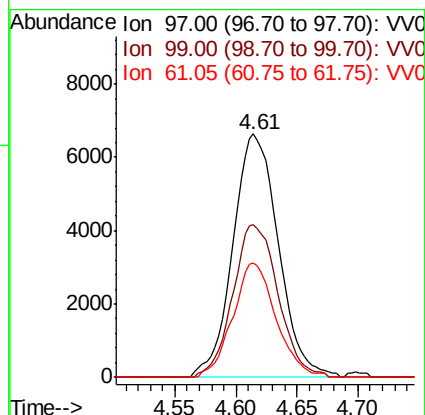
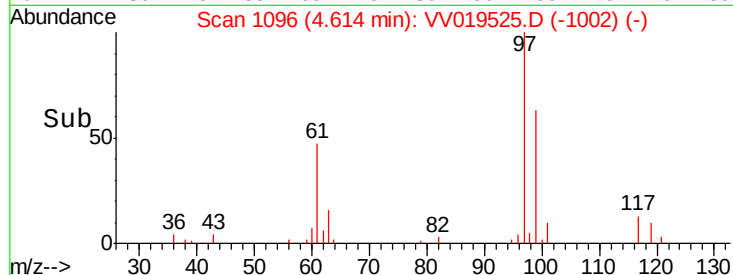
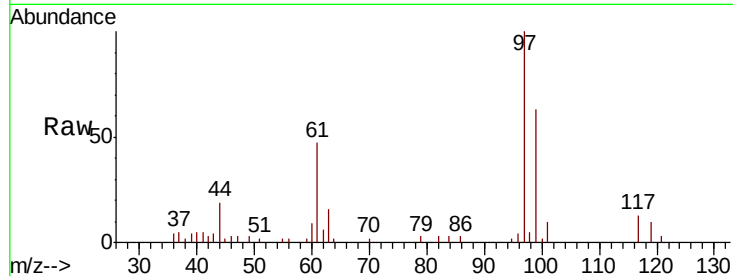




#30
 1,1,1-Trichloroethane
 Concen: 2.194 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VV019525.D
 Acq: 10 Dec 2020 21:28

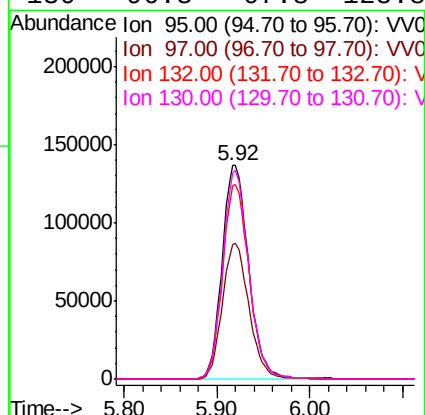
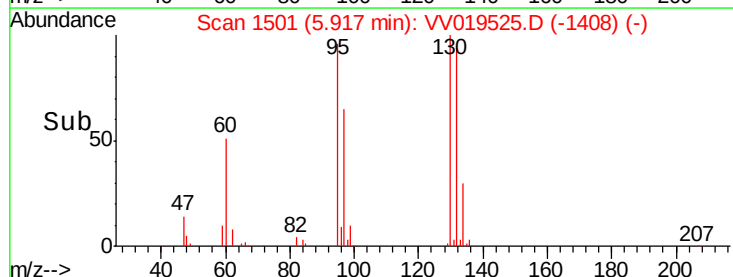
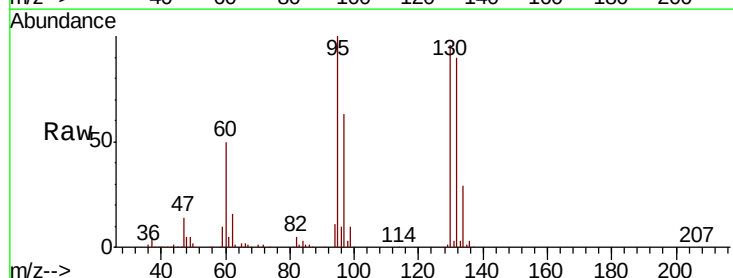
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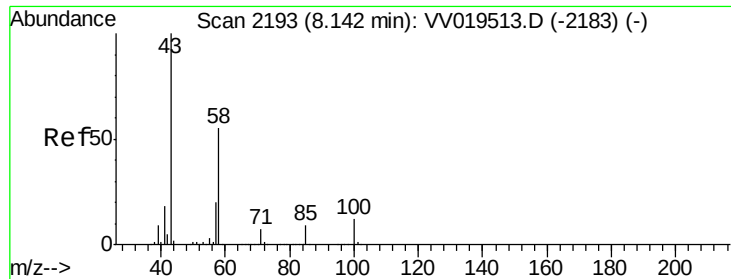
Tot Ion: 97 Resp: 17141
 Ion Ratio Lower Upper
 97 100
 99 62.5 51.3 76.9
 61 44.5 36.3 54.5



#34
 Trichloroethene
 Concen: 56.394 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019525.D
 Acq: 10 Dec 2020 21:28

Tgt Ion: 95 Resp: 271288
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.4 82.4
 132 90.4 64.3 119.3
 130 96.3 67.8 125.8

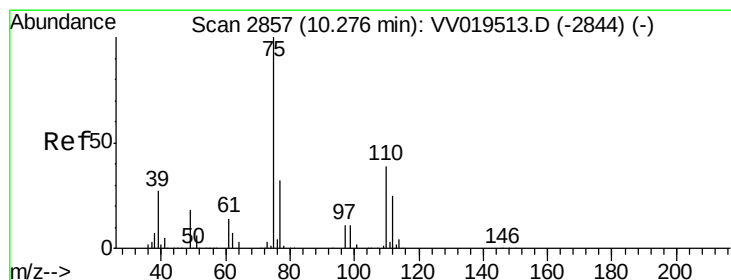
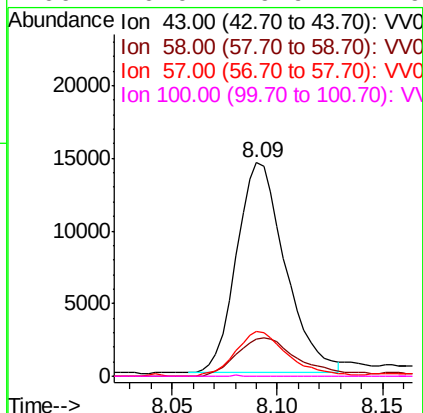
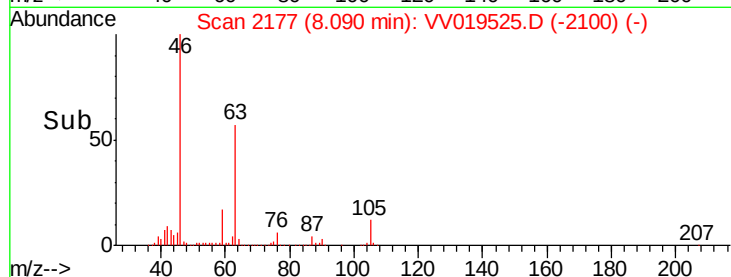
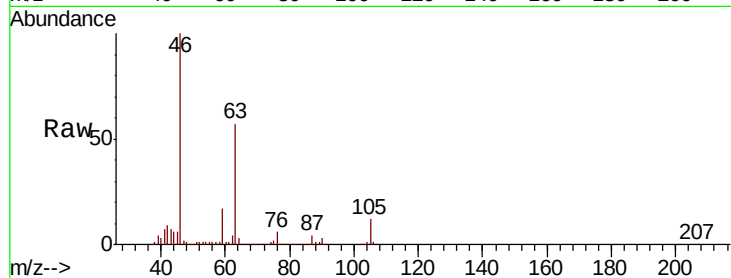




#48
2-Hexanone
Concen: 4.445 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019525.D
Acq: 10 Dec 2020 21:28

Instrument :
MSVOA_V
ClientSampleId :
C0AQ7

Tot Ion: 43 Resp: 23143
Ion Ratio Lower Upper
43 100
58 23.3 44.4 66.6#
57 22.8 15.7 23.5
100 0.0 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.644 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019525.D
Acq: 10 Dec 2020 21:28

Tgt Ion: 75 Resp: 39303
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8

