

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019722.D
 Acq On : 19 Dec 2020 02:30
 Operator : SY/MD
 Sample : L5131-10 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H10

Quant Time: Dec 19 07:01:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 07:00:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	527919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	490678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	220120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	154411	40.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.58%
7) Chloroethane-d5	1.57	69	142895	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.72%
11) 1,1-Dichloroethene-d2	2.11	63	235489	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.89	46	314815	153.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.00%#
24) Chloroform-d	4.35	84	342506	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.04	65	246574	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.60%
32) Benzene-d6	5.05	84	659318	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
36) 1,2-Dichloropropane-d6	6.07	67	222334	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.46%
41) Toluene-d8	7.32	98	558785	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%
43) trans-1,3-Dichloropropene-	7.62	79	103002	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.09	63	209385	130.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.14%#
57) 1,1,2,2-Tetrachloroethane-	10.22	84	296080	53.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	212087	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

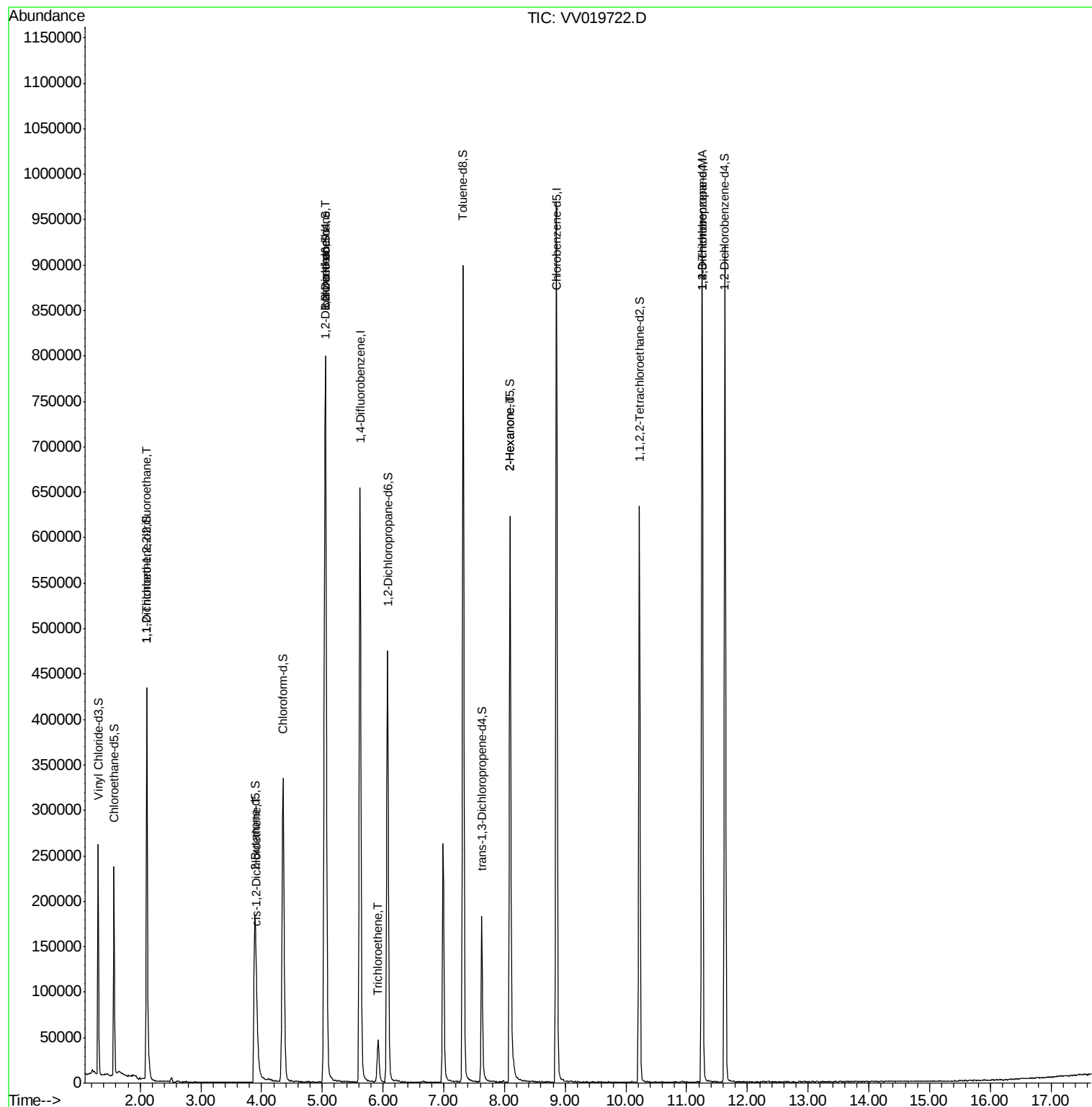
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2176	0.710 ug/L #	22
20) cis-1,2-Dichloroethene	3.92	96	16533	4.363 ug/L #	92
27) 1,2-Dichloroethane	5.05	62	4141	0.749 ug/L	98
34) Trichloroethene	5.92	95	13231	3.493 ug/L	97
48) 2-Hexanone	8.09	43	26635	6.497 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	30394	6.525 ug/L	92

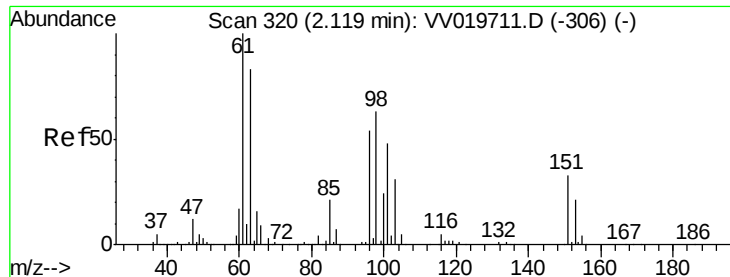
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 19 07:00:18 2020
Response via : Initial Calibration





#10

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

Concen: 0.710 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019722.D

Acq: 19 Dec 2020 02:30

Instrument :

MSVOA_V

ClientSampleId :

F4H10

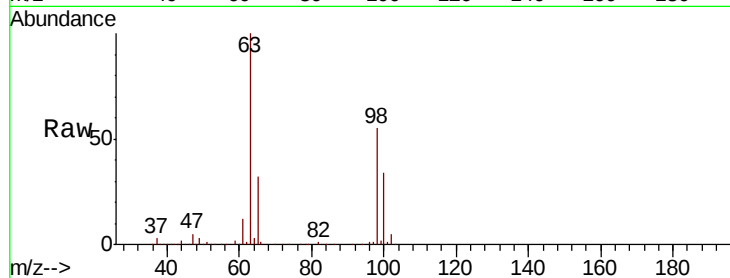
Tot Ion:101 Resp: 2176

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

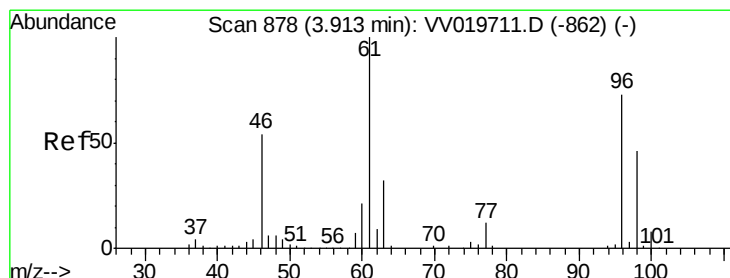
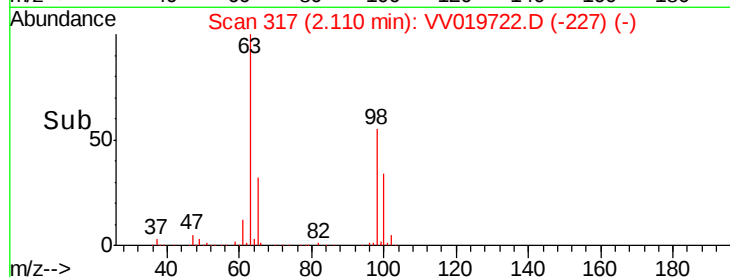
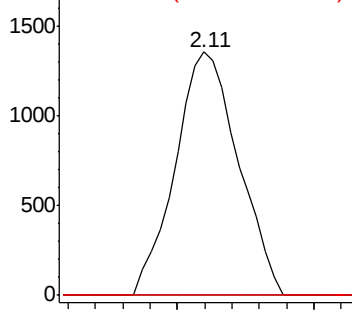
151 0.0 55.8 83.8#



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: 4.363 ug/L

RT: 3.92 min Scan# 881

Delta R.T. 0.01 min

Lab File: VV019722.D

Acq: 19 Dec 2020 02:30

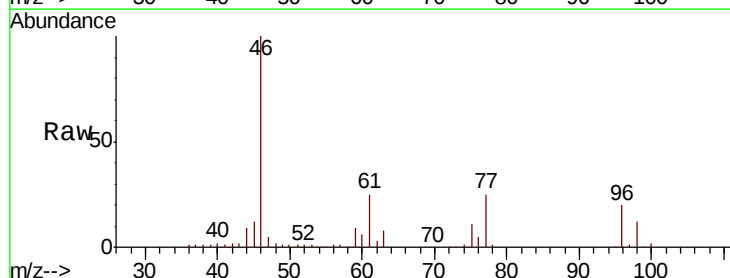
Tgt Ion: 96 Resp: 16533

Ion Ratio Lower Upper

96 100

61 125.4 94.1 174.8

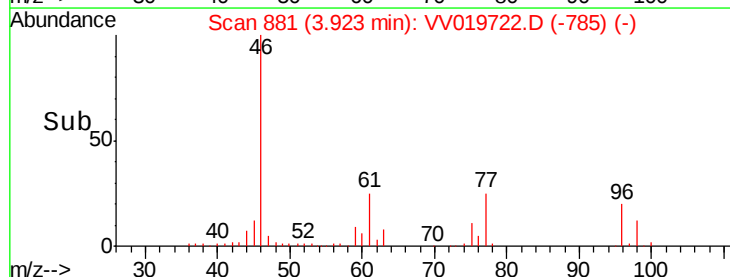
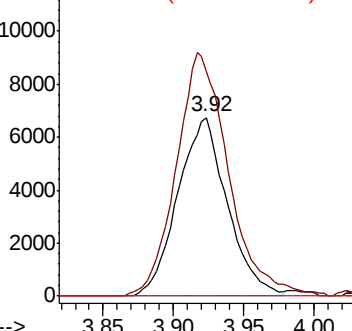
68 0.0 0.1 0.1#

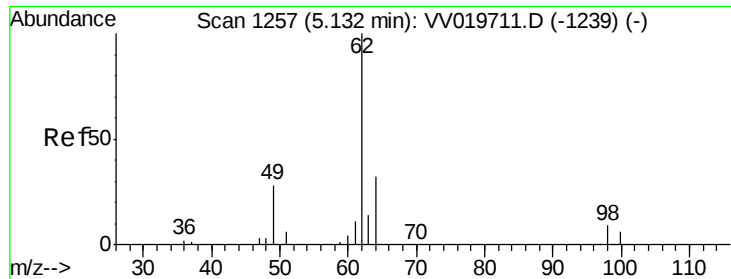


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

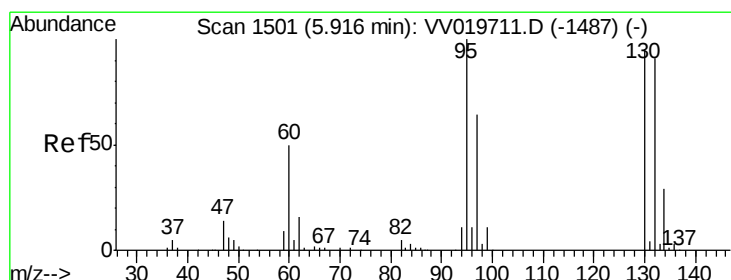
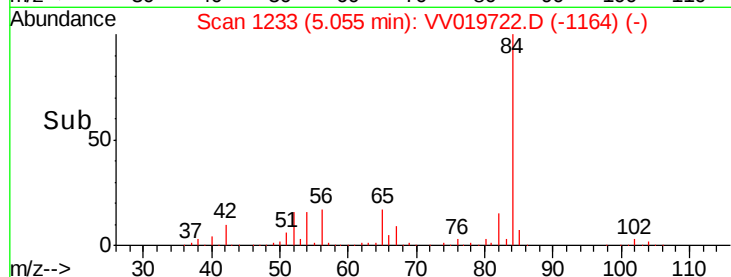
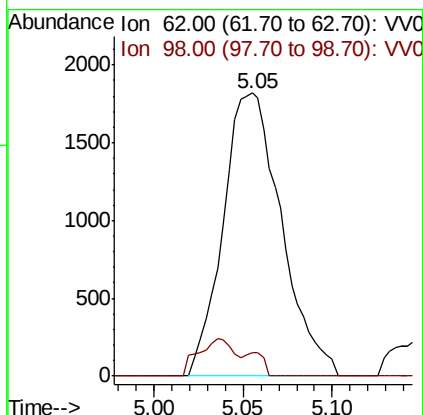
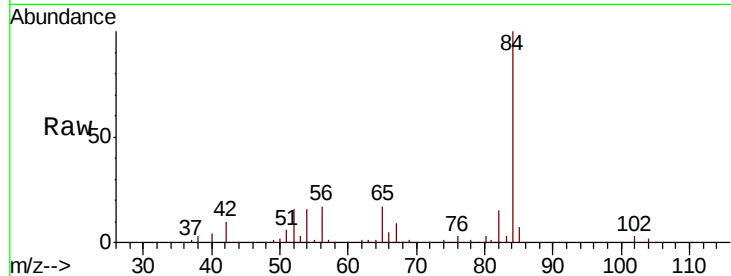




#27
 1,2-Dichloroethane
 Concen: 0.749 ug/L
 RT: 5.05 min Scan# 1233
 Delta R.T. -0.08 min
 Lab File: VV019722.D
 Acq: 19 Dec 2020 02:30

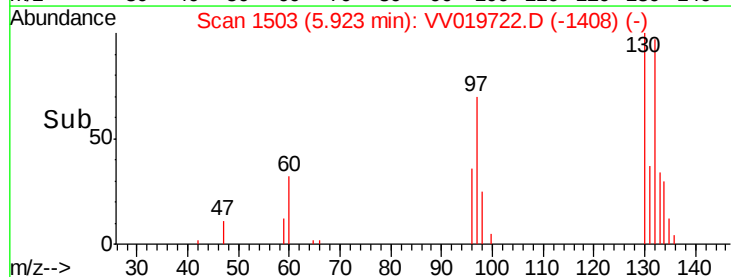
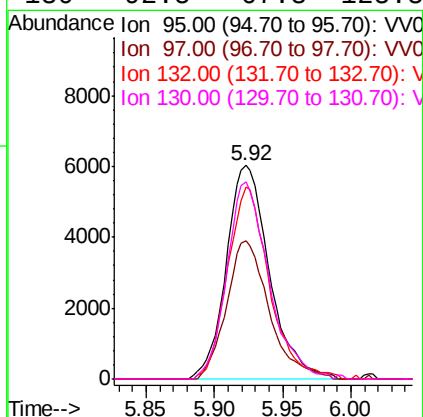
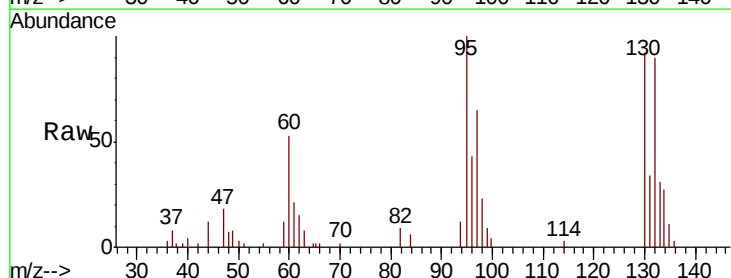
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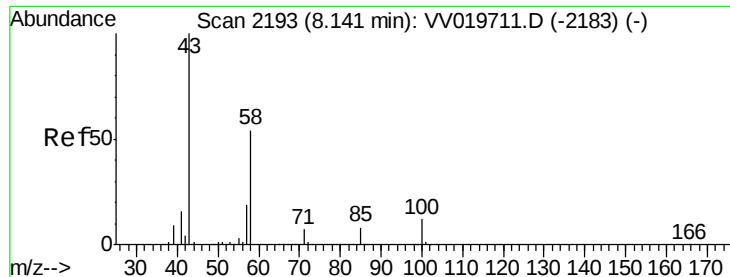
Tot Ion: 62 Resp: 4141
 Ion Ratio Lower Upper
 62 100
 98 8.5 7.4 11.0



#34
 Trichloroethene
 Concen: 3.493 ug/L
 RT: 5.92 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: VV019722.D
 Acq: 19 Dec 2020 02:30

Tgt Ion: 95 Resp: 13231
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.4 82.4
 132 90.0 64.3 119.3
 130 92.5 67.8 125.8

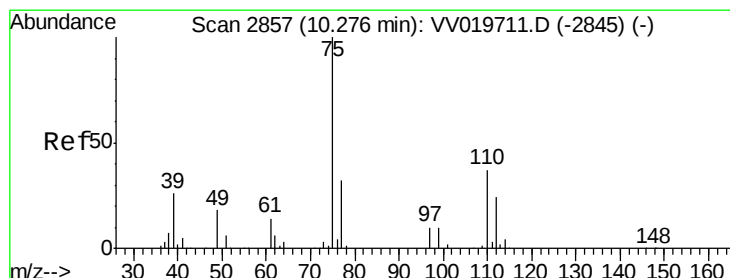
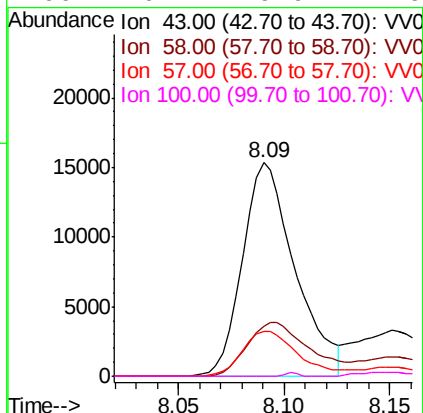
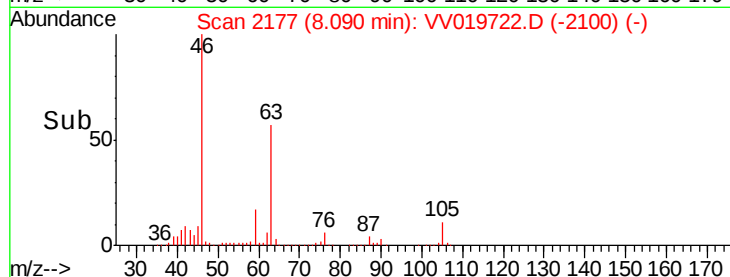
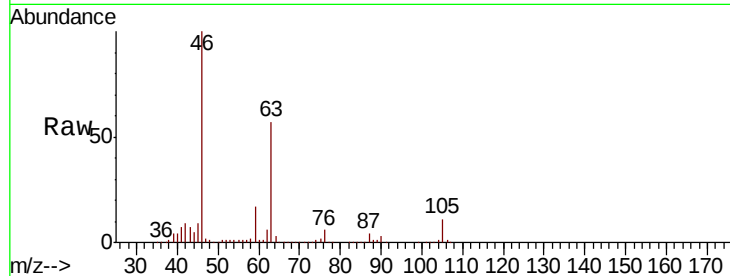




#48
 2-Hexanone
 Concen: 6.497 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019722.D
 Acq: 19 Dec 2020 02:30

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H10

Tot Ion: 43 Resp: 26635
 Ion Ratio Lower Upper
 43 100
 58 29.7 44.4 66.6#
 57 23.1 15.7 23.5
 100 0.4 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.525 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019722.D
 Acq: 19 Dec 2020 02:30

Tgt Ion: 75 Resp: 30394
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.8 38.8

