

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019835.D
 Acq On : 24 Dec 2020 14:35
 Operator : SY/MD
 Sample : L5204-03DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL7DL

Quant Time: Dec 25 05:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	665408	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	629004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	297772	50.00	ug/L	0.00

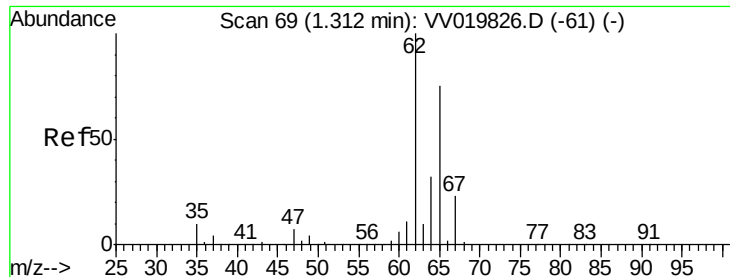
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201649	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.57	69	173732	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	2.11	63	305659	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	3.89	46	346377	133.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.56%#
24) Chloroform-d	4.35	84	396990	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.04	65	279615	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.05	84	779852	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.07	67	255804	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.32	98	671148	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.63	79	114844	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
47) 2-Hexanone-d5	8.09	63	201360	97.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.63%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	317261	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	246449	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%

Target Compounds

					Ovalue
5) Vinyl chloride	1.31	62	6326	1.105	ug/L # 44
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2714	0.703	ug/L # 24
20) cis-1,2-Dichloroethene	3.92	96	66719	13.969	ug/L # 98
34) Trichloroethene	5.92	95	389951	80.301	ug/L # 98
39) cis-1,3-Dichloropropene	6.99	75	8014	1.005	ug/L # 70
46) Tetrachloroethene	7.98	164	161037	47.925	ug/L # 97
48) 2-Hexanone	8.15	43	10596	2.016	ug/L # 62
59) 1,2,3-Trichloropropane	11.25	75	41652	6.975	ug/L # 97

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



#5

Vinyl chloride

Concen: 1.105 ug/L

RT: 1.31 min Scan# 69

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

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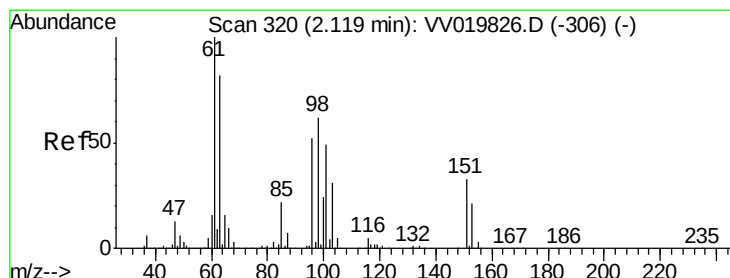
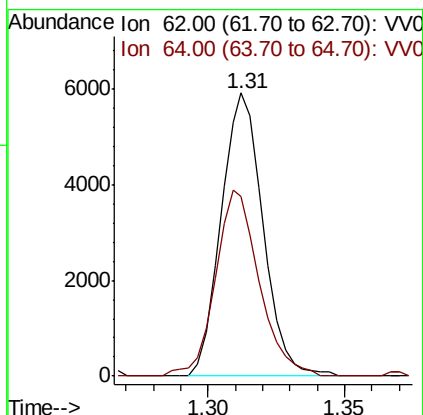
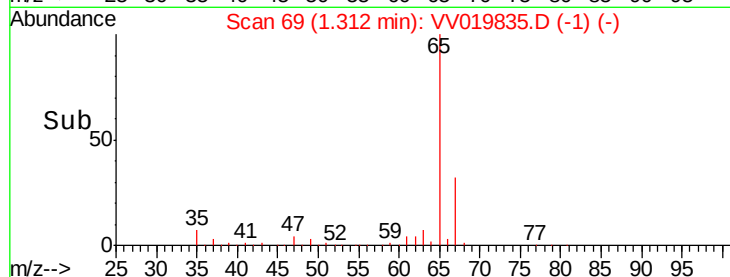
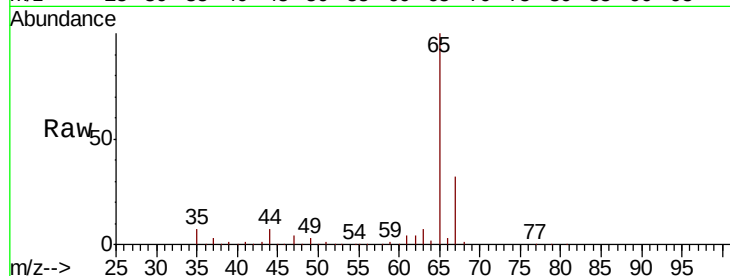
C0AL7DL

Tot Ion: 62 Resp: 6326

Ion Ratio Lower Upper

62 100

64 63.4 22.5 41.7#



#10

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

Concen: 0.703 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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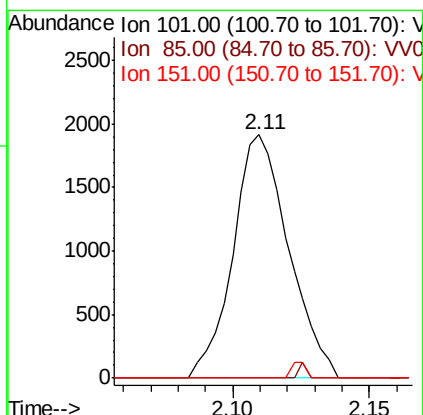
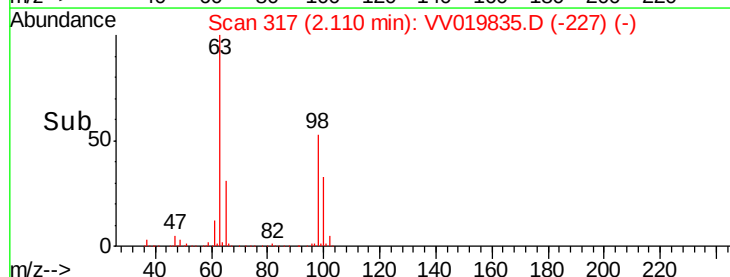
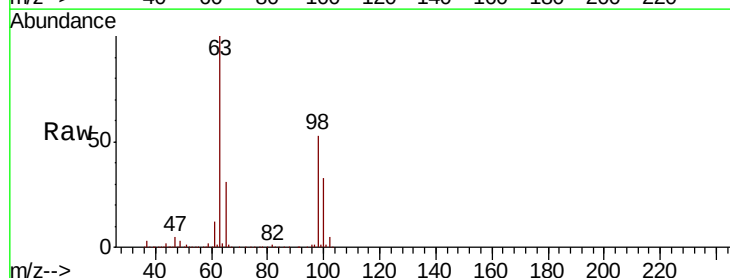
Tgt Ion: 101 Resp: 2714

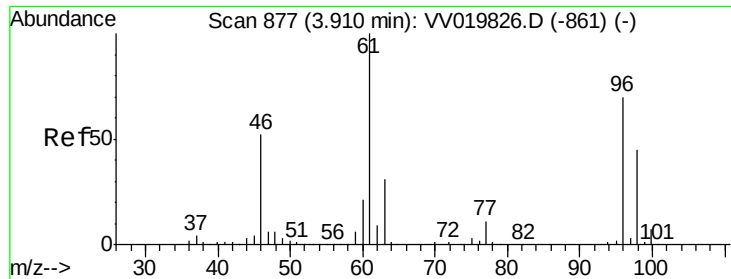
Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

151 1.7 55.8 83.8#

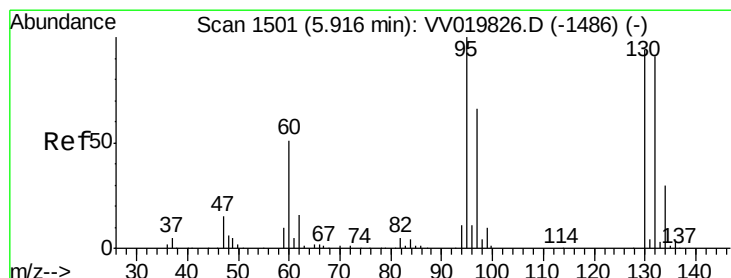
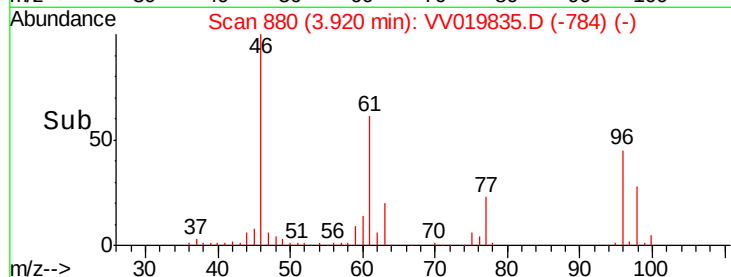
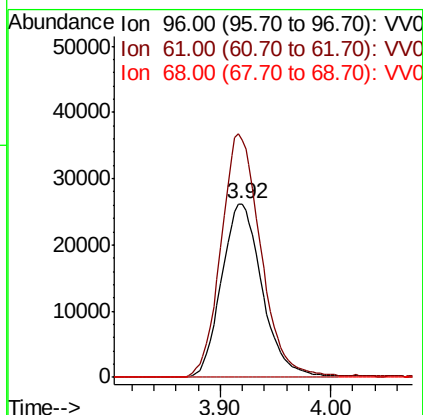
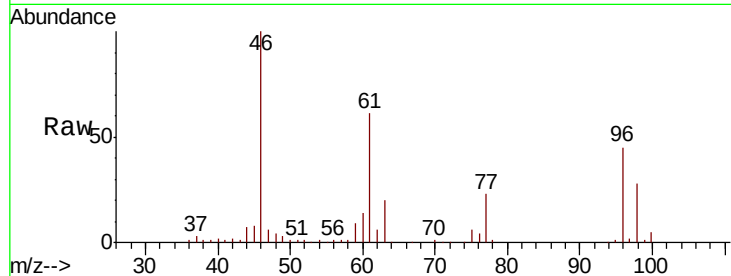




#20
 cis-1,2-Dichloroethene
 Concen: 13.969 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019835.D
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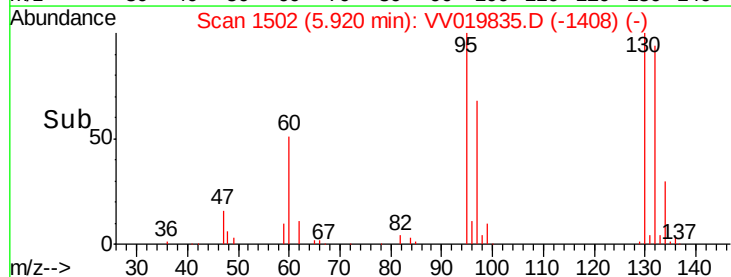
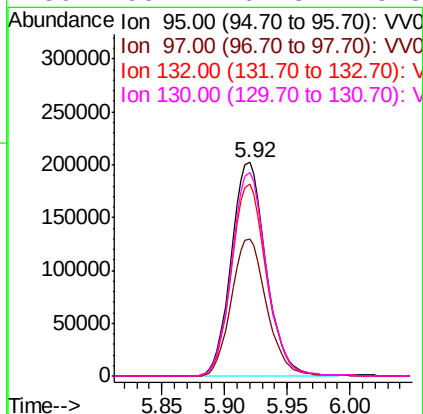
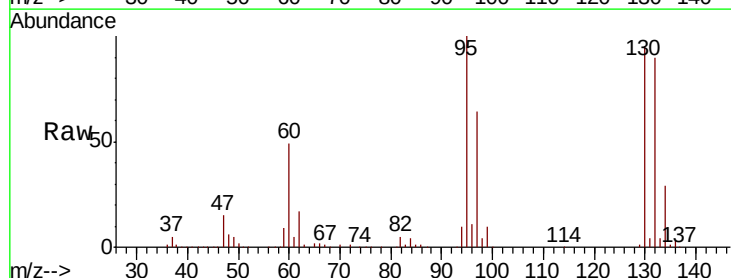
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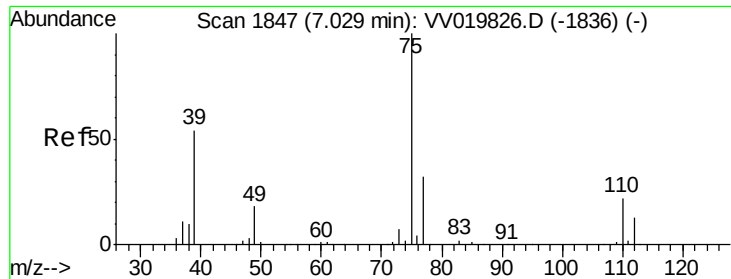
Tot Ion: 96 Resp: 66719
 Ion Ratio Lower Upper
 96 100
 61 137.1 94.1 174.8
 68 0.0 0.1 0.1#



#34
 Trichloroethene
 Concen: 80.301 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019835.D
 Acq: 24 Dec 2020 14:35

Tgt Ion: 95 Resp: 389951
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.4 82.4
 132 89.7 64.3 119.3
 130 95.2 67.8 125.8

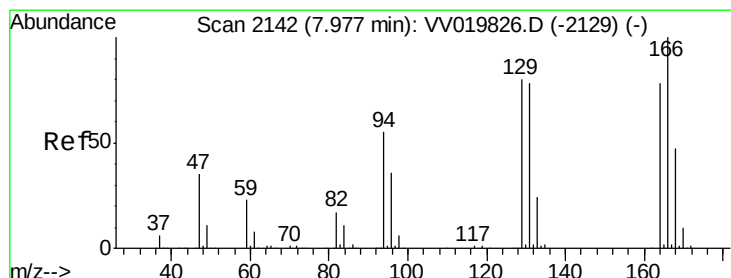
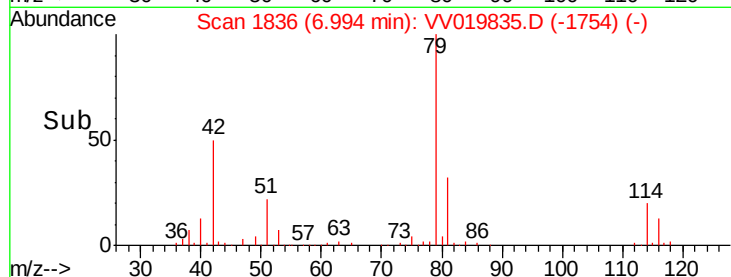
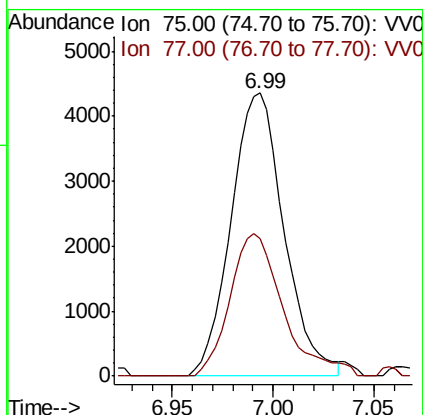
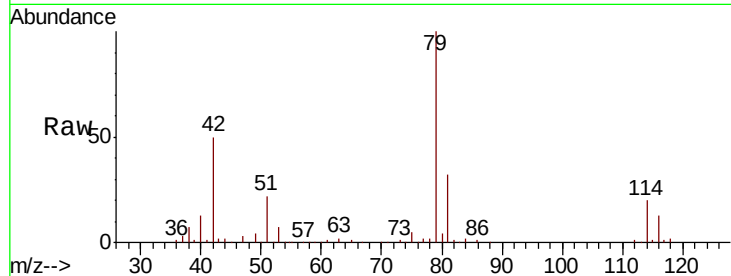




#39
 cis-1,3-Dichloropropene
 Concen: 1.005 ug/L
 RT: 6.99 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: VV019835.D
 Acq: 24 Dec 2020 14:35

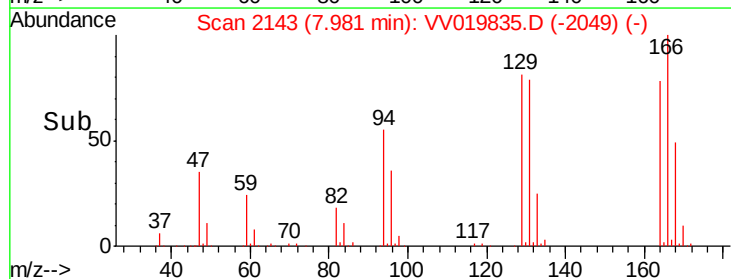
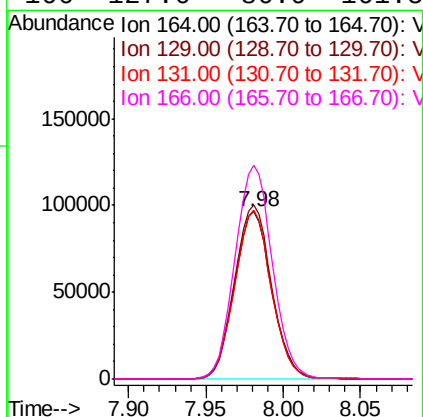
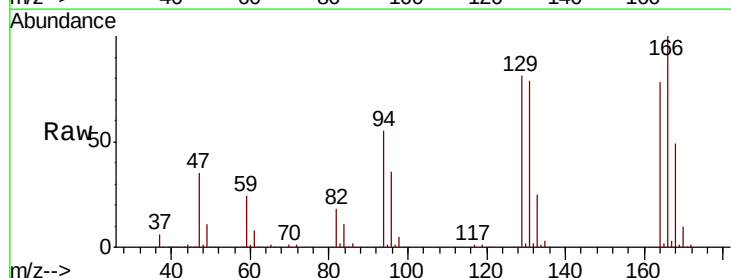
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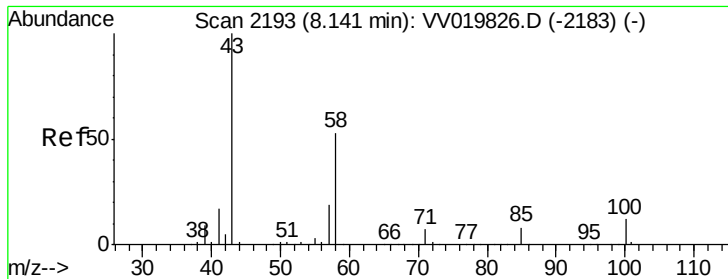
Tot Ion: 75 Resp: 8014
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.4 41.6#



#46
 Tetrachloroethene
 Concen: 47.925 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019835.D
 Acq: 24 Dec 2020 14:35

Tgt Ion:164 Resp: 161037
 Ion Ratio Lower Upper
 164 100
 129 103.7 70.6 131.0
 131 101.3 68.0 126.4
 166 127.6 86.9 161.5

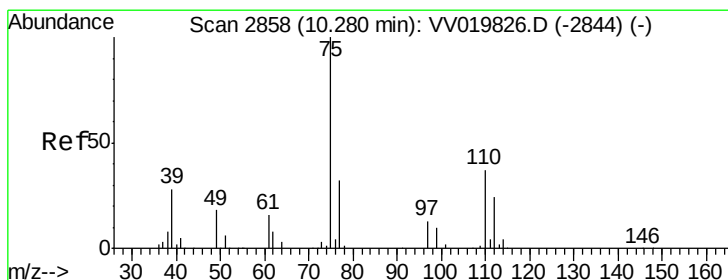
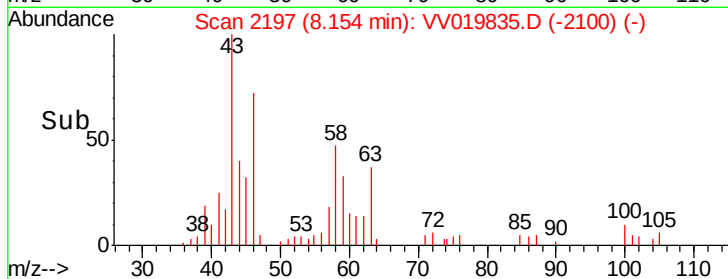
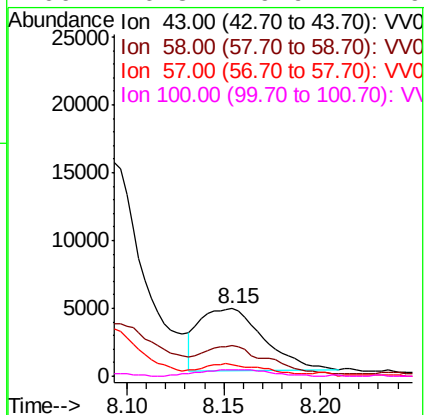
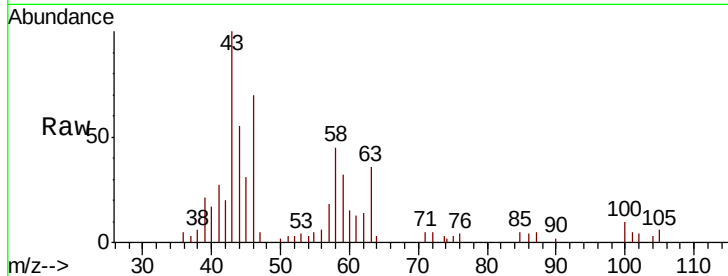




#48
2-Hexanone
Concen: 2.016 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VV019835.D
Acq: 24 Dec 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :
C0AL7DL

Tot Ion: 43 Resp: 10596
Ion Ratio Lower Upper
43 100
58 15.1 44.4 66.6#
57 20.3 15.7 23.5
100 6.8 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.975 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019835.D
Acq: 24 Dec 2020 14:35

Tgt Ion: 75 Resp: 41652
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.8

