

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018606.D
 Acq On : 01 Oct 2020 22:21
 Operator : SY/MD
 Sample : L4237-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC3

Quant Time: Oct 02 04:20:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289814	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140431	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86424	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.70%
7) Chloroethane-d5	1.58	69	81537	58.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.04%
11) 1,1-Dichloroethene-d2	2.12	63	144262	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
21) 2-Butanone-d5	3.92	46	113020	89.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	4.38	84	169915	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.06	65	117513	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.07	84	337073	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.09	67	101033	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	302582	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.64	79	46924	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.26%
47) 2-Hexanone-d5	8.11	63	60881	74.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128048	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	131598	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%

Target Compounds

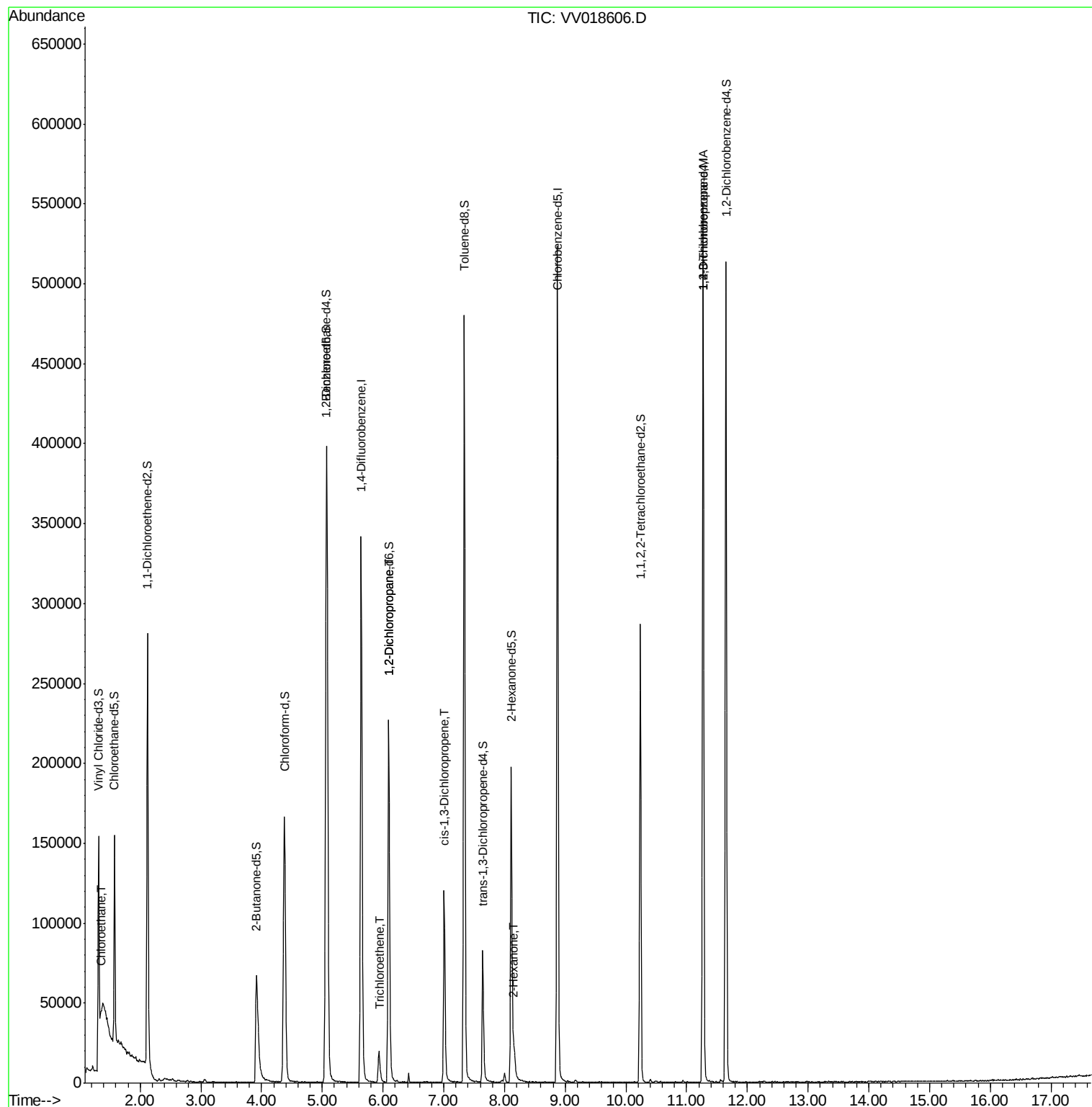
					Ovalue
8) Chloroethane	1.35	64	51719	37.858 ug/L #	50
34) Trichloroethene	5.95	95	2234	0.926 ug/L	92
37) 1,2-Dichloropropane	6.10	63	12066	5.660 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3345	1.000 ug/L #	70
48) 2-Hexanone	8.16	43	10240	4.771 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	15226	5.872 ug/L #	87

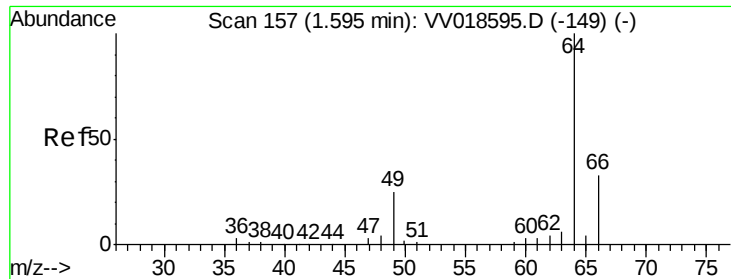
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 37.858 ug/L

RT: 1.35 min Scan# 82

Delta R.T. -0.24 min

Lab File: VV018606.D

Acq: 01 Oct 2020 22:21

Instrument :

MSVOA_V

ClientSampleId :

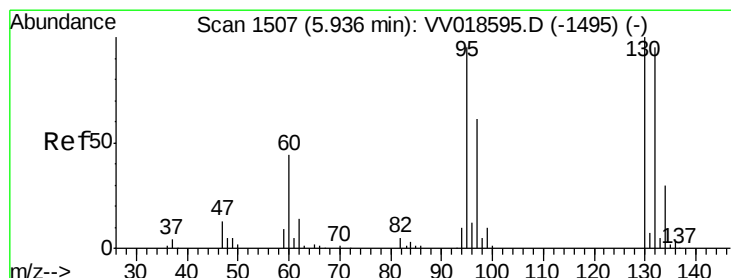
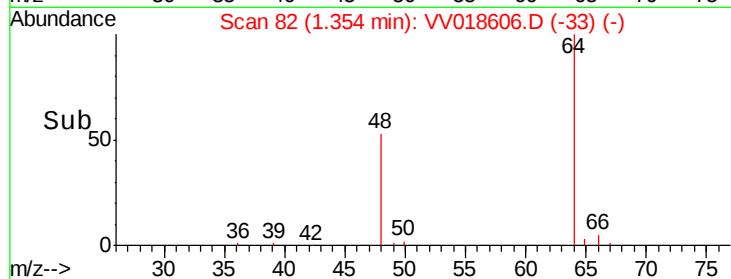
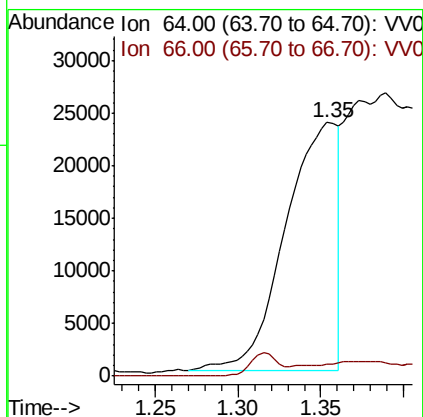
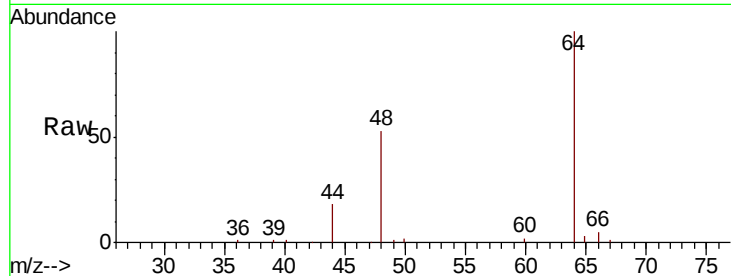
E0AC3

Tot Ion: 64 Resp: 51719

Ion Ratio Lower Upper

64 100

66 4.5 22.8 42.4#



#34

Trichloroethene

Concen: 0.926 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV018606.D

Acq: 01 Oct 2020 22:21

Tgt Ion: 95 Resp: 2234

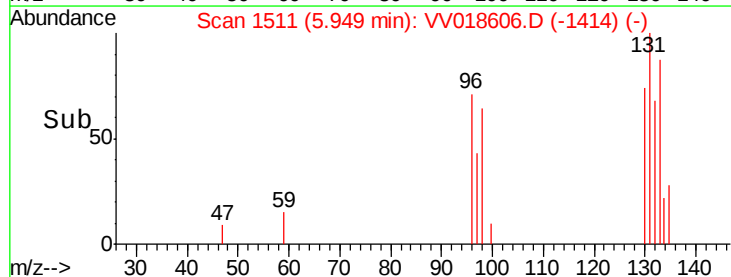
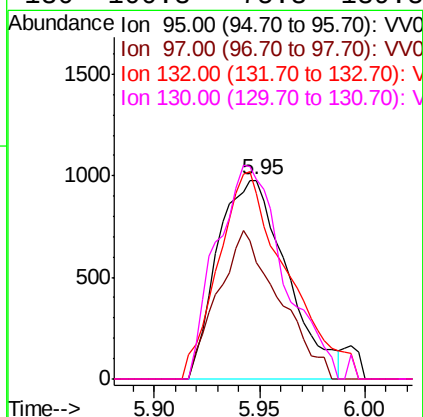
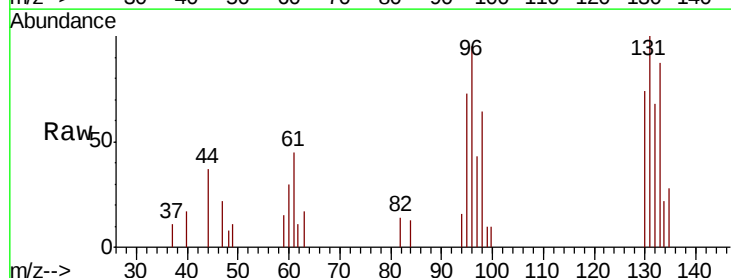
Ion Ratio Lower Upper

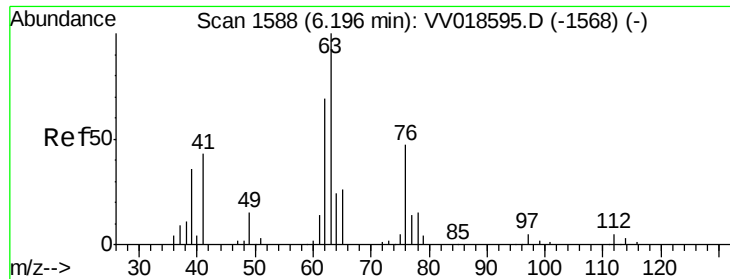
95 100

97 58.6 45.9 85.3

132 93.1 70.8 131.4

130 100.3 75.3 139.8

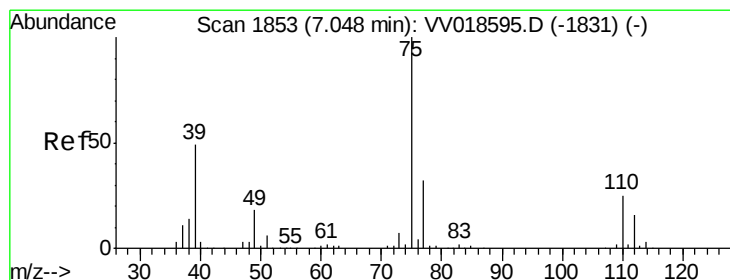
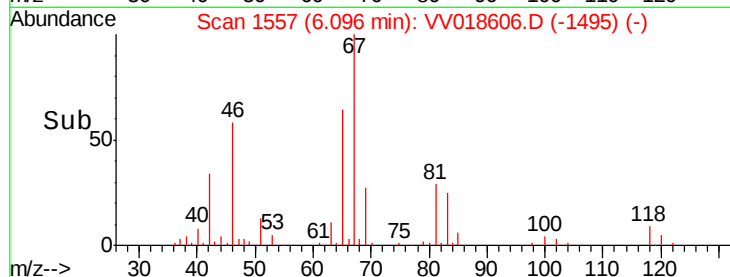
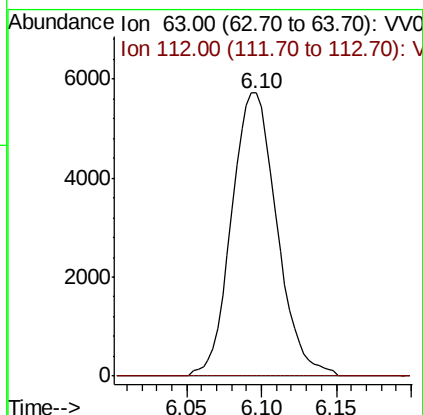
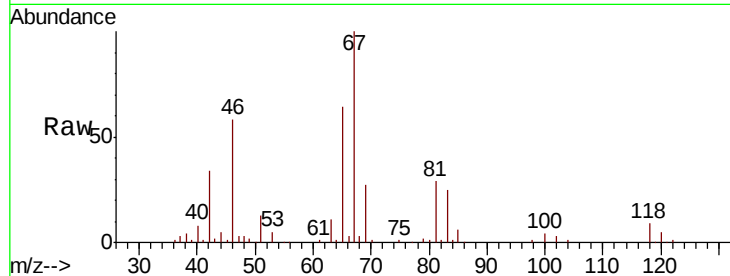




#37
 1,2-Dichloropropane
 Concen: 5.660 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018606.D
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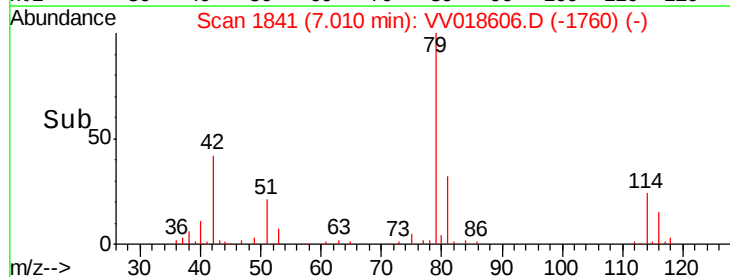
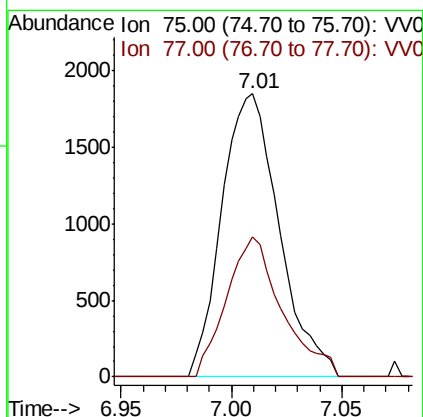
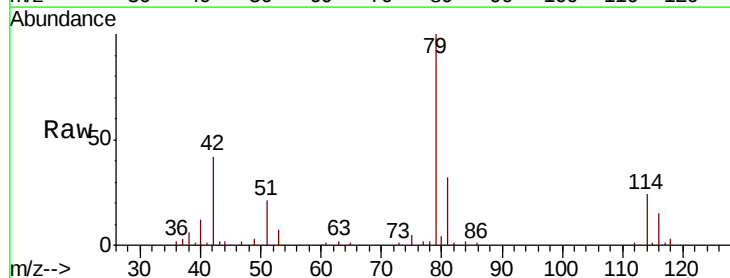
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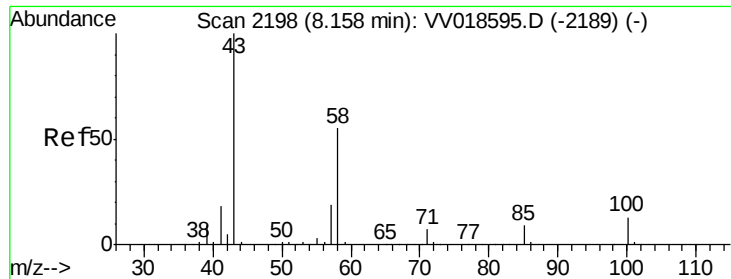
Tot Ion: 63 Resp: 12066
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018606.D
 Acq: 01 Oct 2020 22:21

Tgt Ion: 75 Resp: 3345
 Ion Ratio Lower Upper
 75 100
 77 49.5 23.0 42.6#

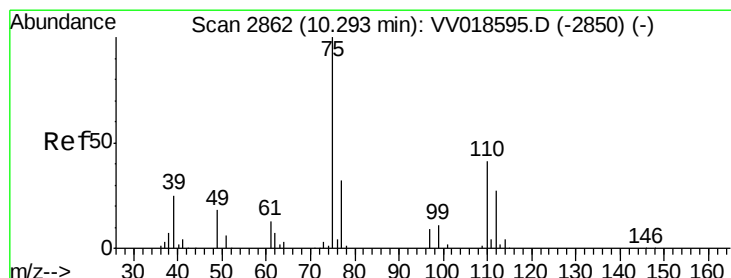
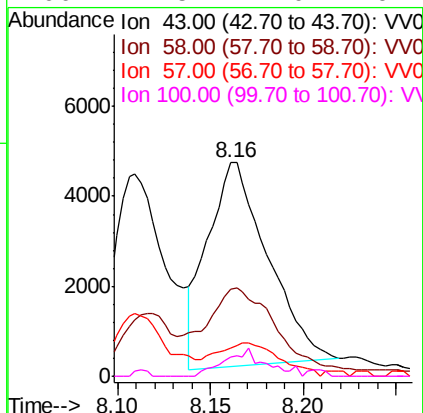
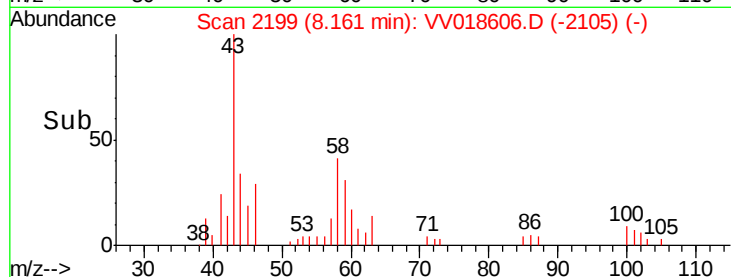
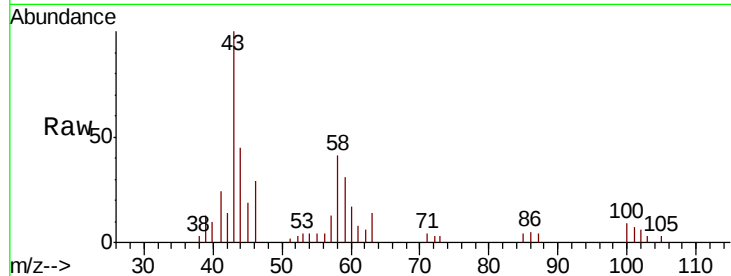




#48
2-Hexanone
Concen: 4.771 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018606.D
Acq: 01 Oct 2020 22:21

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MSVOA_V
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E0AC3

Tot Ion: 43 Resp: 10240
Ion Ratio Lower Upper
43 100
58 43.0 45.1 67.7#
57 0.0 15.7 23.5#
100 4.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.872 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018606.D
Acq: 01 Oct 2020 22:21

Tgt Ion: 75 Resp: 15226
Ion Ratio Lower Upper
75 100
77 39.1 25.4 38.0#

