

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018502.D
 Acq On : 28 Sep 2020 18:43
 Operator : SY/MD
 Sample : L4117-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB5

Quant Time: Sep 29 00:53:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331927	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	318243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92309	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.24%
7) Chloroethane-d5	1.58	69	82880	37.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.88%
11) 1,1-Dichloroethene-d2	2.12	63	137362	27.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.36%#
21) 2-Butanone-d5	3.91	46	163979	99.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.38	84	195297	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.22%
26) 1,2-Dichloroethane-d4	5.06	65	128359	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
32) Benzene-d6	5.08	84	391545	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.09	67	130487	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.34	98	347547	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.64	79	61158	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.11	63	96672	88.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162893	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	151815	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%

Target Compounds

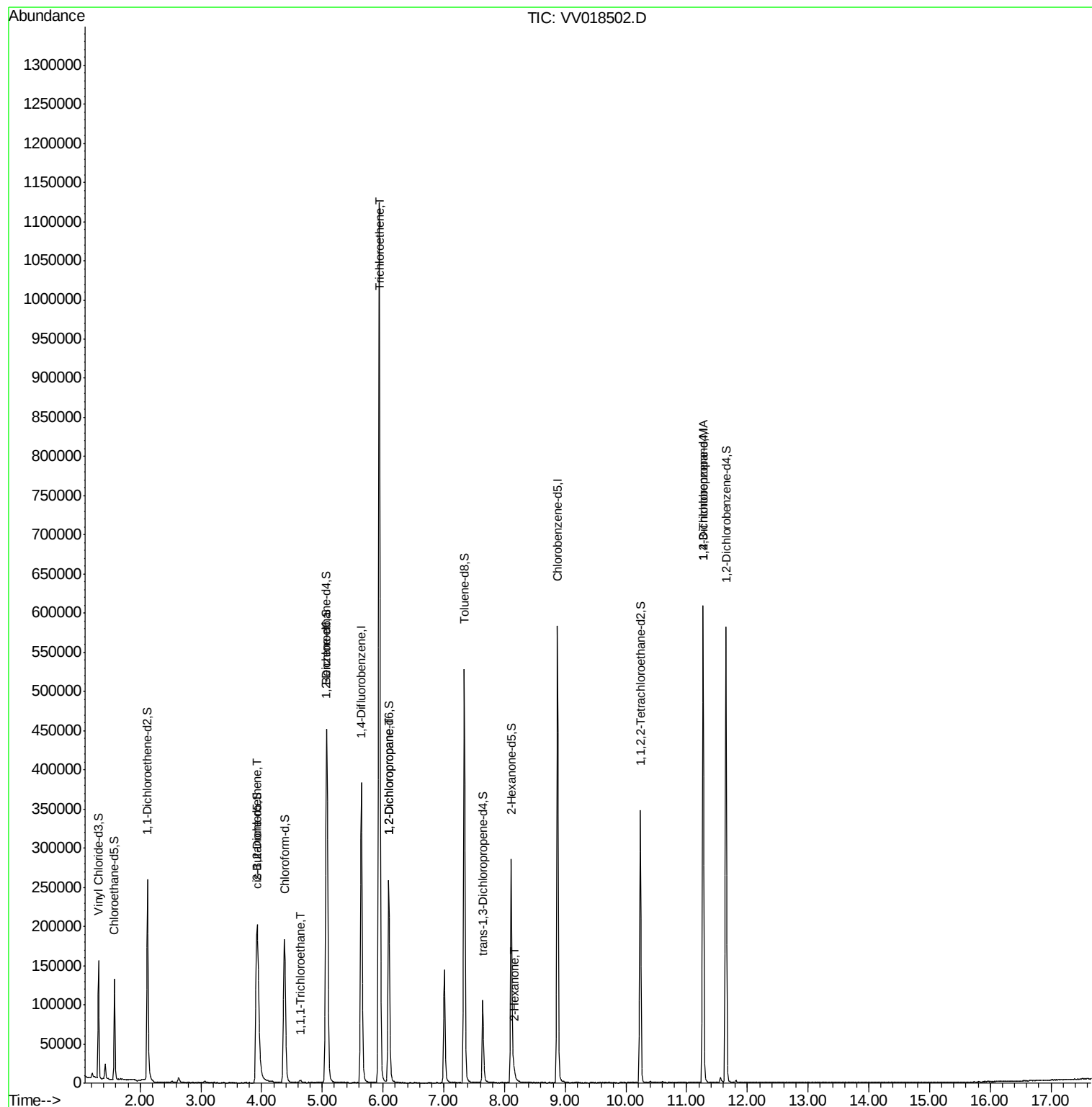
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	2415	1.006 ug/L #	1
30) 1,1,1-Trichloroethane	4.64	97	2689	0.728 ug/L #	82
34) Trichloroethene	5.94	95	396150	159.824 ug/L	98
37) 1,2-Dichloropropane	6.09	63	13892	5.762 ug/L #	87
48) 2-Hexanone	8.16	43	6561	2.845 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	17275	6.092 ug/L	92

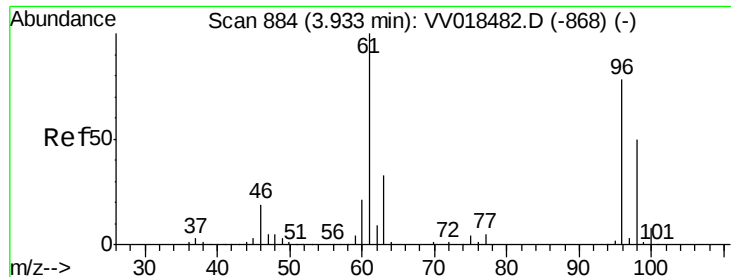
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 00:50:40 2020
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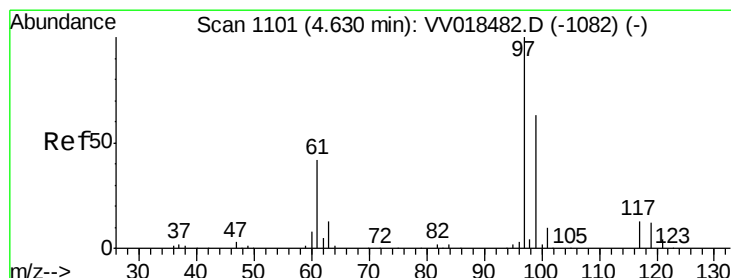
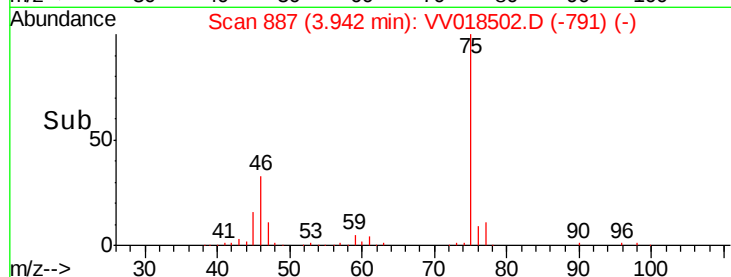
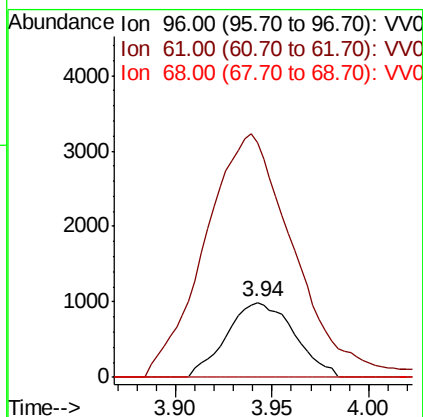
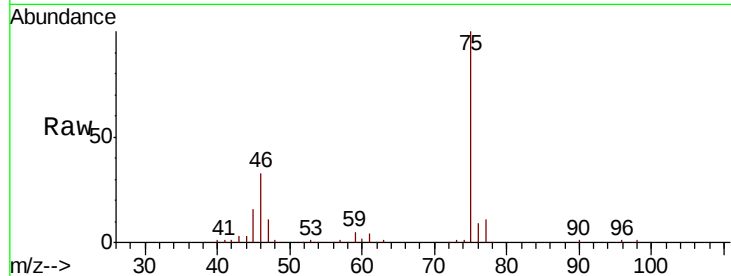




#20
 cis-1,2-Dichloroethene
 Concen: 1.006 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018502.D
 Acq: 28 Sep 2020 18:43

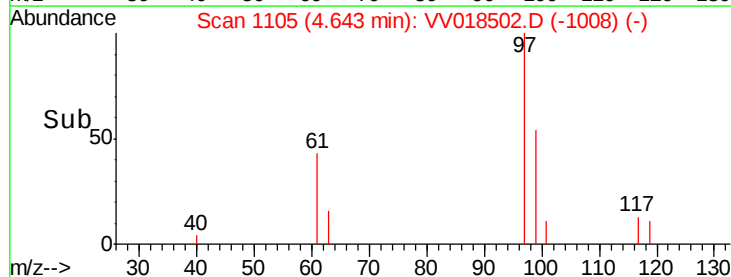
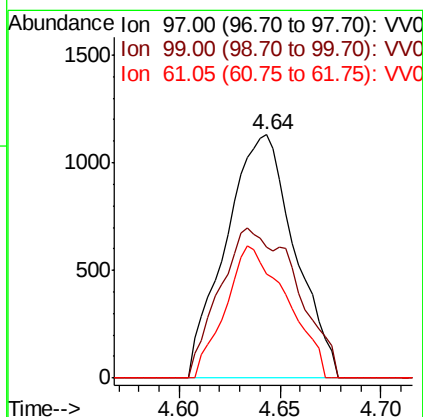
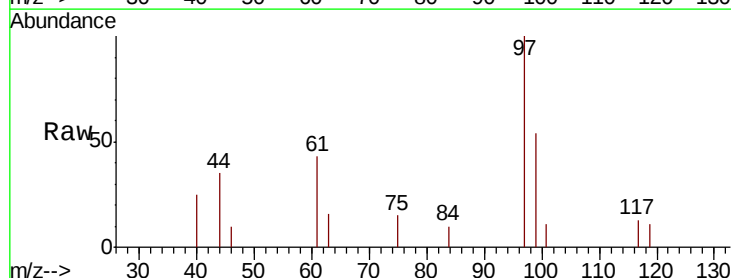
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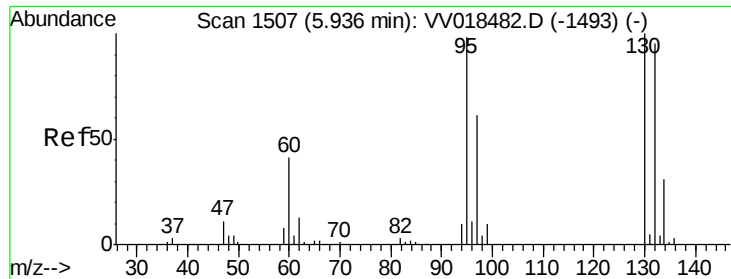
Tot Ion: 96 Resp: 2415
 Ion Ratio Lower Upper
 96 100
 61 311.7 93.6 173.8#
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.728 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: VV018502.D
 Acq: 28 Sep 2020 18:43

Tgt Ion: 97 Resp: 2689
 Ion Ratio Lower Upper
 97 100
 99 45.4 51.6 77.4#
 61 48.5 34.9 52.3

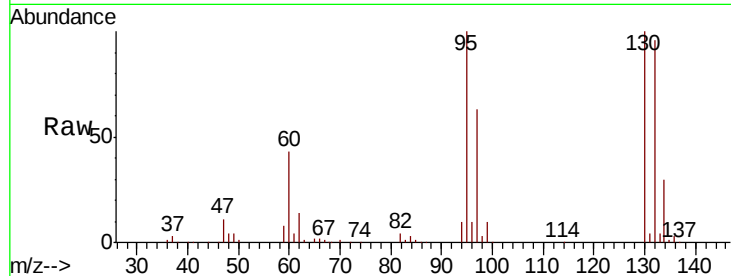




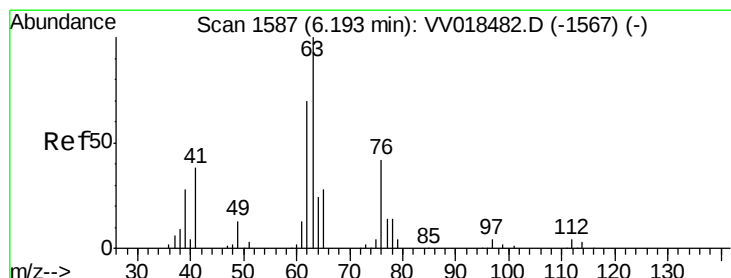
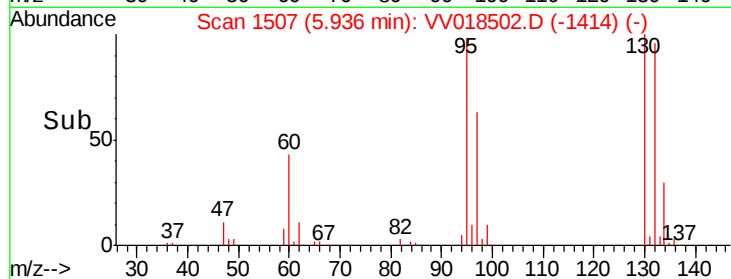
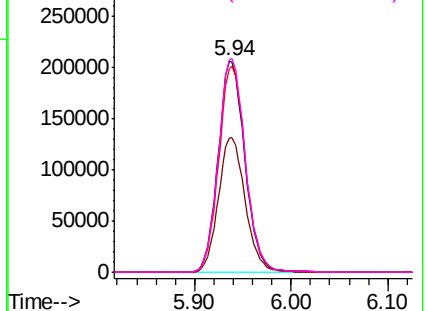
#34
 Trichloroethene
 Concen: 159.824 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018502.D
 Acq: 28 Sep 2020 18:43

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB5

Tot Ion: 95 Resp: 396150
 Ion Ratio Lower Upper
 95 100
 97 63.6 46.3 85.9
 132 96.2 68.1 126.5
 130 100.3 71.5 132.9

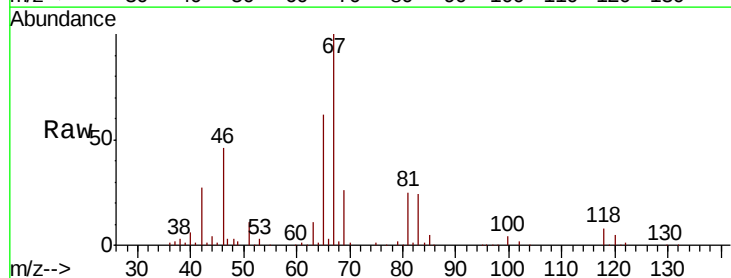


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

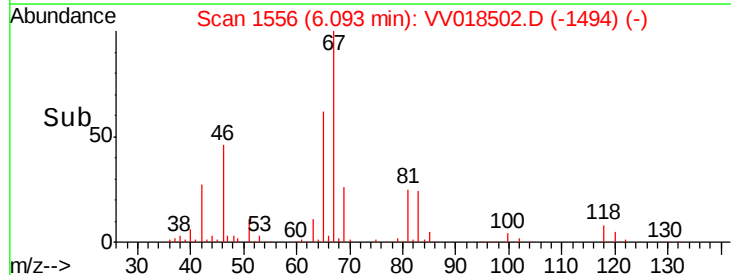
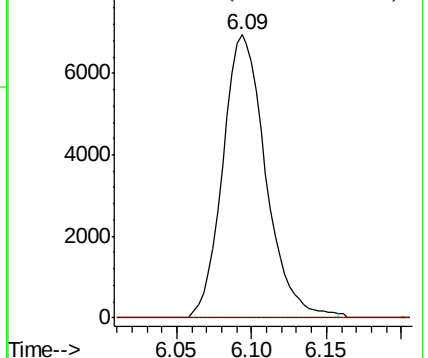


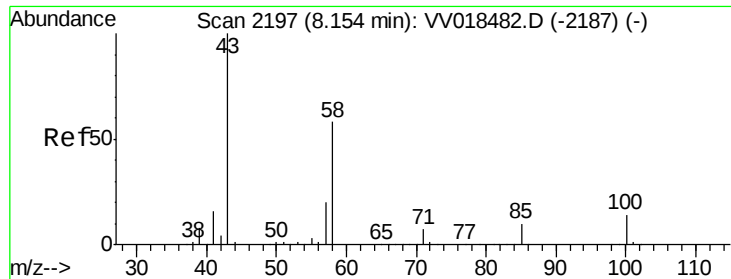
#37
 1,2-Dichloropropane
 Concen: 5.762 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018502.D
 Acq: 28 Sep 2020 18:43

Tgt Ion: 63 Resp: 13892
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): V

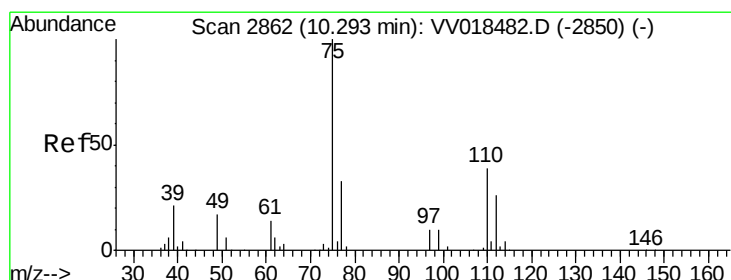
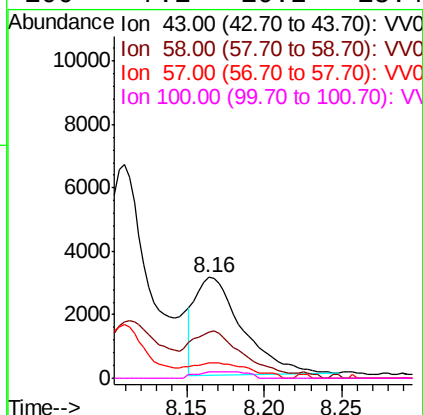
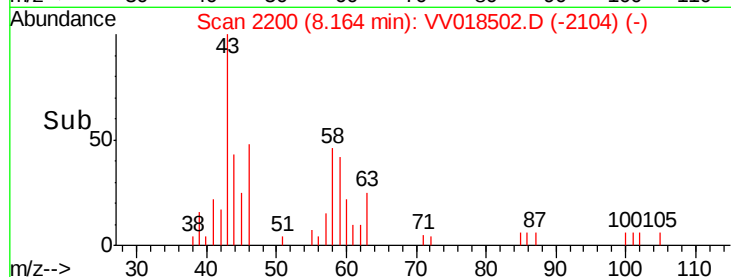
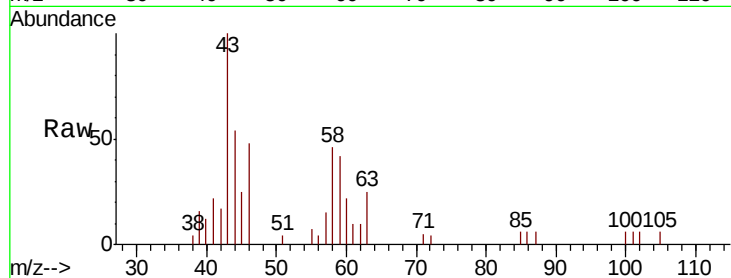




#48
2-Hexanone
Concen: 2.845 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018502.D
Acq: 28 Sep 2020 18:43

Instrument :
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Tot Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
58 55.3 44.8 67.2
57 0.0 15.8 23.6#
100 7.1 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.092 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018502.D
Acq: 28 Sep 2020 18:43

Tgt Ion: 75 Resp: 17275
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.6

