

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018299.D
 Acq On : 17 Sep 2020 23:16
 Operator : SY/MD
 Sample : L4043-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

Quant Time: Sep 18 08:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278527	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276963	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131606	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76216	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.16%
7) Chloroethane-d5	1.58	69	69242	37.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.56%
11) 1,1-Dichloroethene-d2	2.12	63	117054	28.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.22%#
21) 2-Butanone-d5	3.92	46	118006	84.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.94%
24) Chloroform-d	4.38	84	160152	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
26) 1,2-Dichloroethane-d4	5.06	65	106716	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
32) Benzene-d6	5.08	84	312526	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.84%
36) 1,2-Dichloropropane-d6	6.10	67	103553	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.20%
41) Toluene-d8	7.34	98	278174	38.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.00%#
43) trans-1,3-Dichloropropene-	7.64	79	48652	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
47) 2-Hexanone-d5	8.11	63	81552	85.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137958	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	121450	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%

Target Compounds

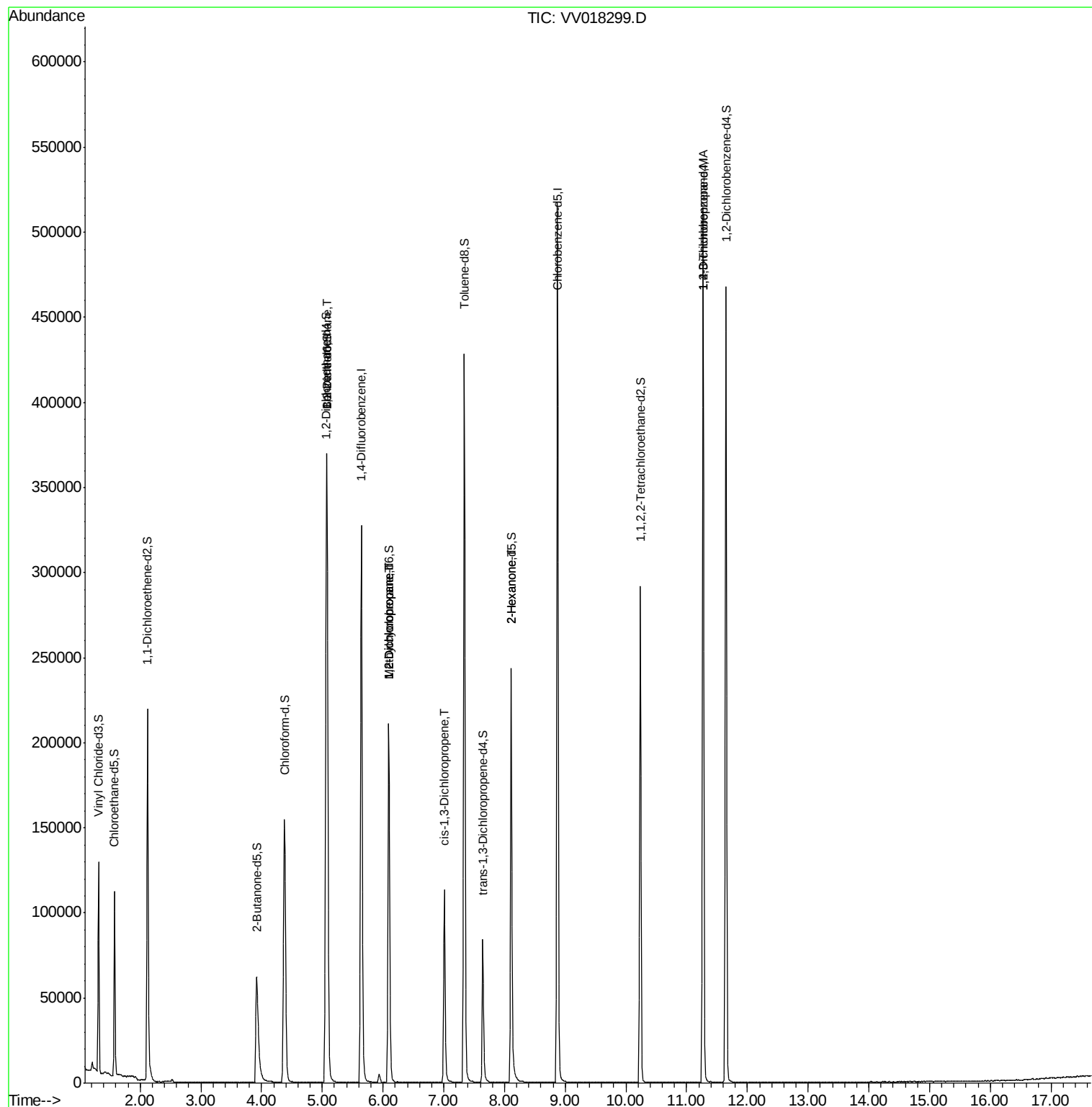
					Ovalue
27) 1,2-Dichloroethane	5.07	62	1916	0.683 ug/L #	74
35) Methylcyclohexane	6.10	83	25163	7.747 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11344	5.406 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2527	0.782 ug/L #	50
48) 2-Hexanone	8.11	43	9719	4.843 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	14965	6.063 ug/L	92

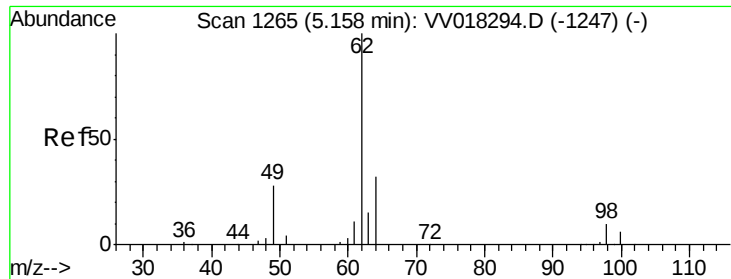
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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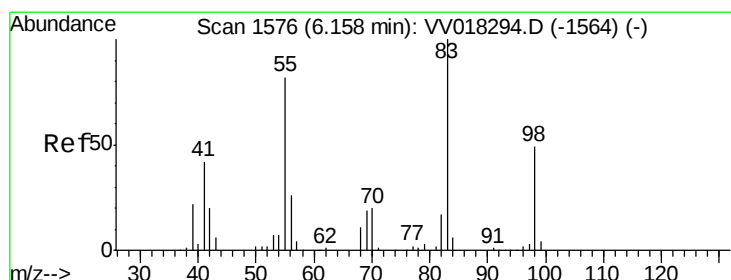
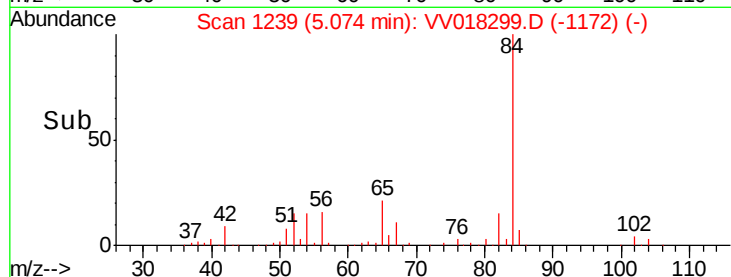
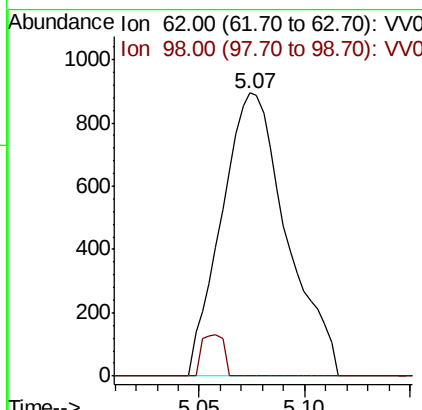
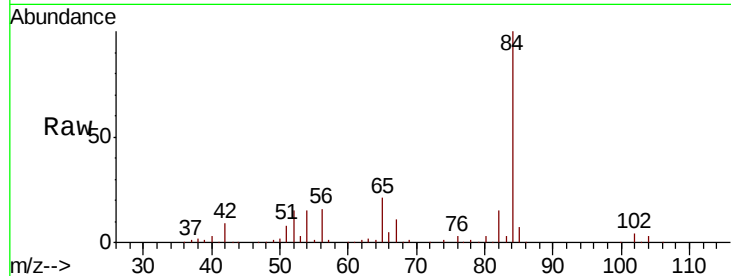




#27
 1,2-Dichloroethane
 Concen: 0.683 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018299.D
 Acq: 17 Sep 2020 23:16

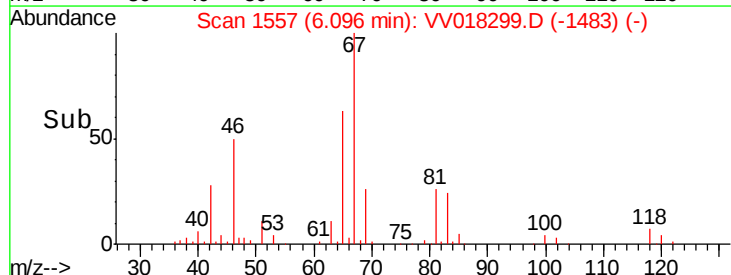
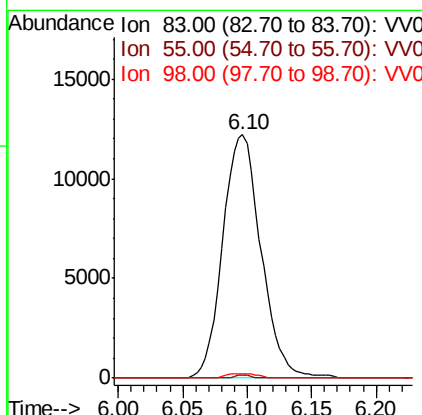
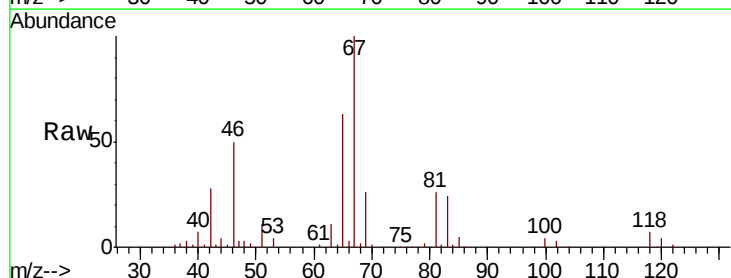
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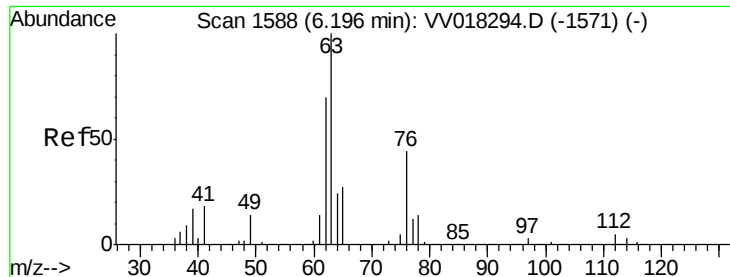
Tot Ion: 62 Resp: 1916
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 7.747 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV018299.D
 Acq: 17 Sep 2020 23:16

Tgt Ion: 83 Resp: 25163
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.4 95.2#
 98 0.8 38.8 58.2#

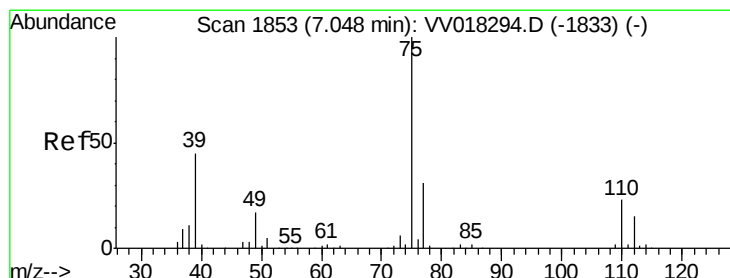
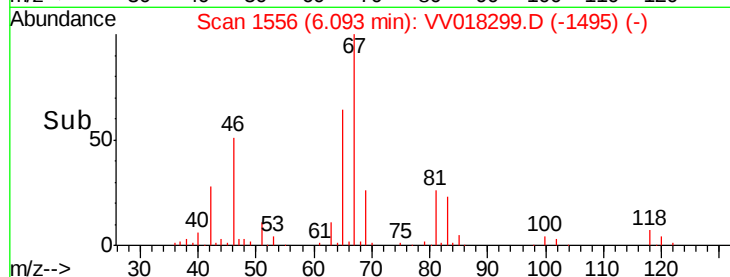
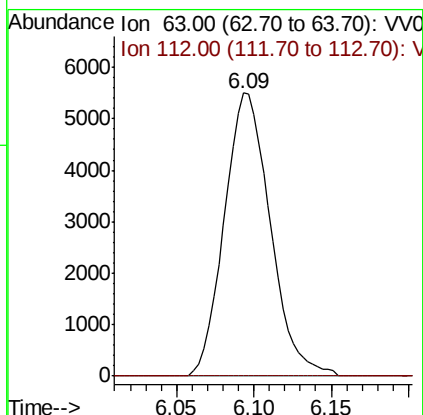
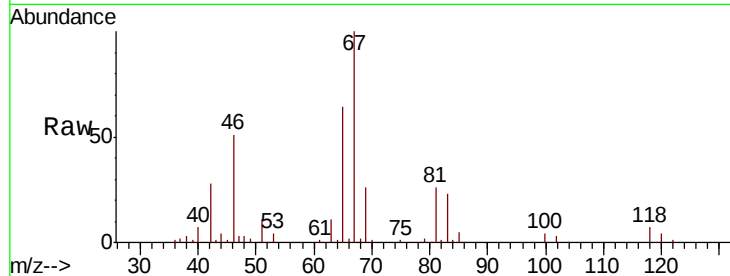




#37
 1,2-Dichloropropane
 Concen: 5.406 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018299.D
 Acq: 17 Sep 2020 23:16

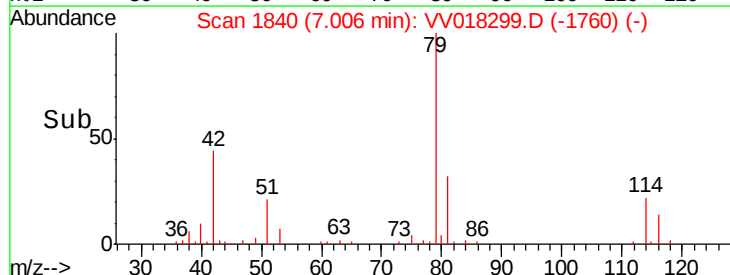
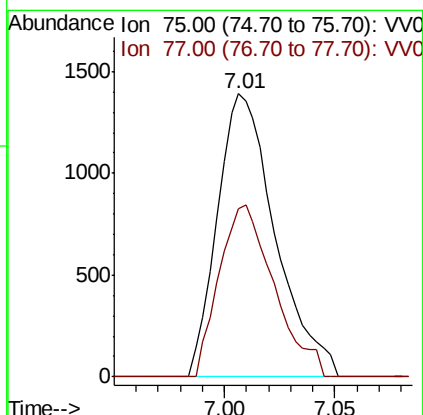
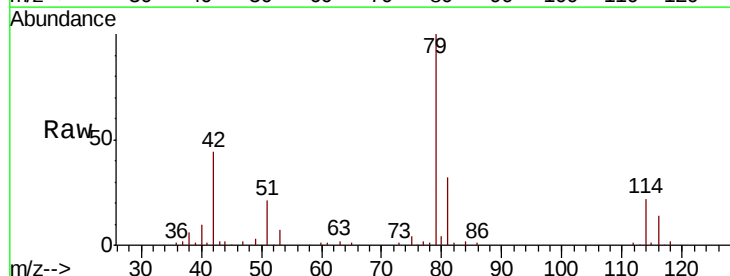
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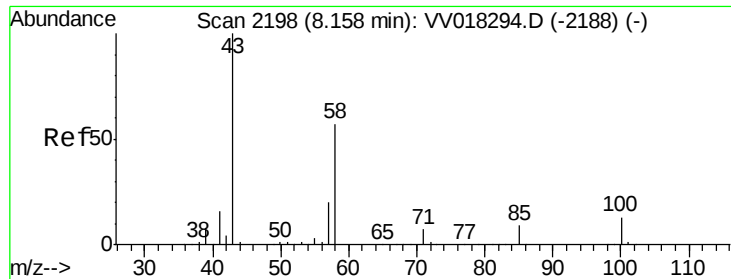
Tot Ion: 63 Resp: 11344
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.782 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018299.D
 Acq: 17 Sep 2020 23:16

Tgt Ion: 75 Resp: 2527
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.3 41.3#

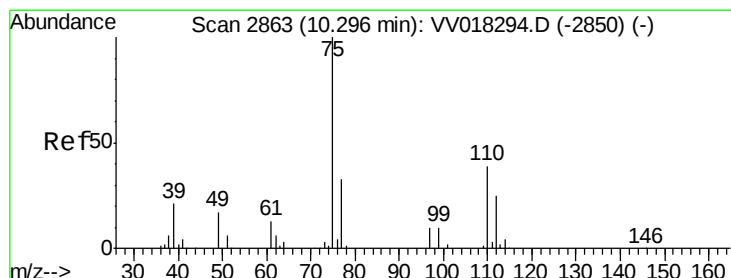
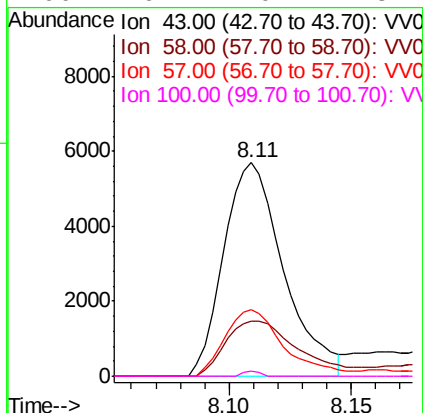
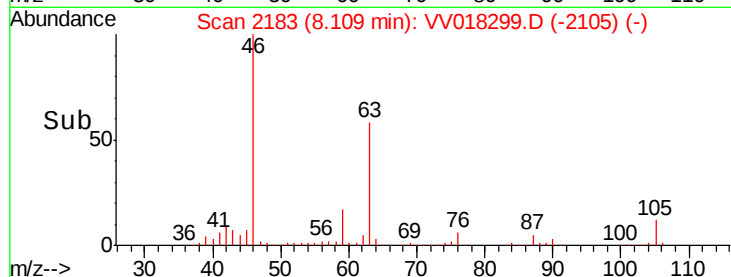
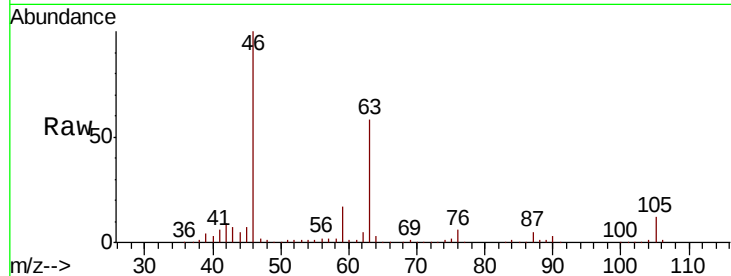




#48
2-Hexanone
Concen: 4.843 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018299.D
Acq: 17 Sep 2020 23:16

Instrument :
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Tot Ion: 43 Resp: 9719
Ion Ratio Lower Upper
43 100
58 32.3 44.8 67.2#
57 30.7 15.8 23.6#
100 0.7 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.063 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018299.D
Acq: 17 Sep 2020 23:16

Tgt Ion: 75 Resp: 14965
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.6

