

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018997.D
 Acq On : 20 Oct 2020 04:18
 Operator : SY/MD
 Sample : L4430-11 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

Quant Time: Oct 20 06:55:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307040	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91162	36.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.14%
7) Chloroethane-d5	1.58	69	83801	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.12	63	150472	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	3.90	46	169607	96.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.28%
24) Chloroform-d	4.38	84	206690	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.06	65	144870	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
32) Benzene-d6	5.07	84	402150	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.09	67	123444	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.44%
41) Toluene-d8	7.34	98	334976	41.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.64%
43) trans-1,3-Dichloropropene-	7.64	79	57000	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
47) 2-Hexanone-d5	8.11	63	89485	83.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138312	40.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	140990	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

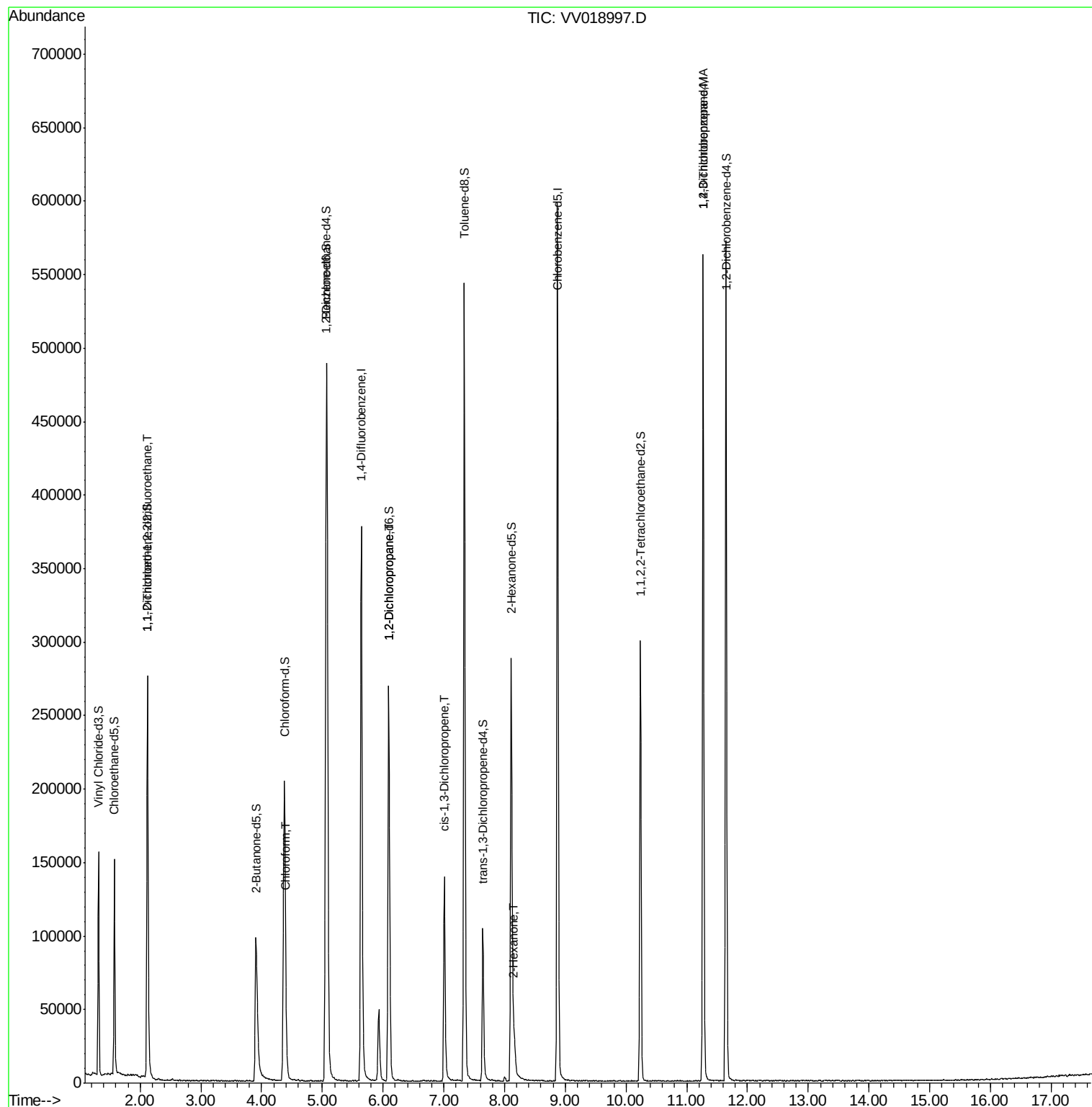
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1318	0.662	ug/L #	20
25) Chloroform	4.41	83	5135	1.171	ug/L #	73
37) 1,2-Dichloropropane	6.09	63	14417	5.675	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3604	0.944	ug/L #	76
48) 2-Hexanone	8.16	43	18207	6.555	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	17274	5.618	ug/L	90

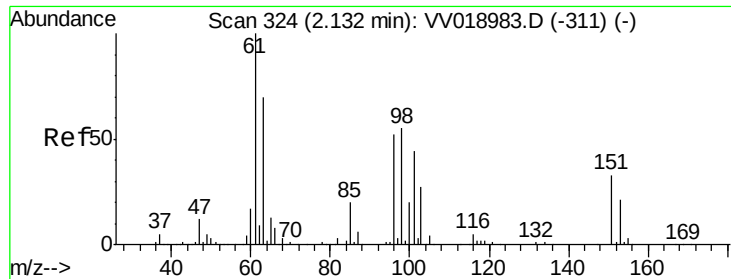
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.662 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018997.D

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C0AC2

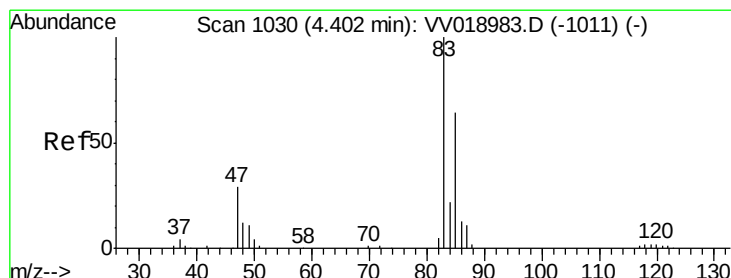
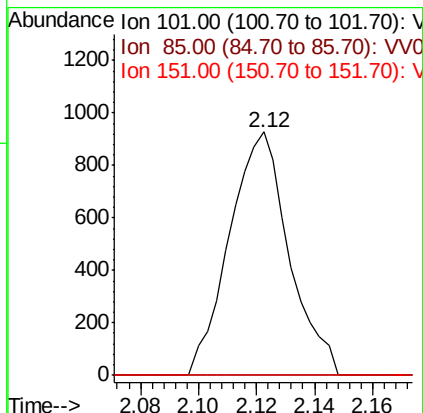
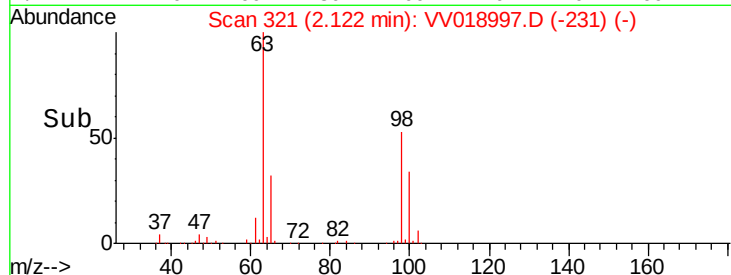
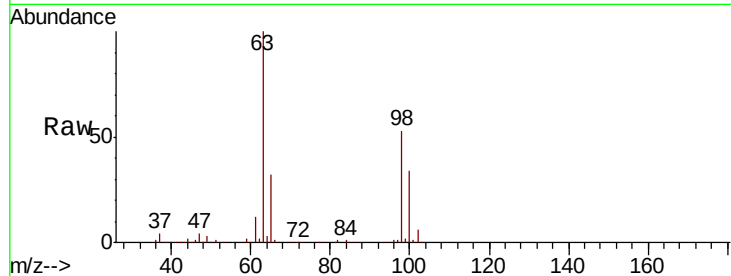
Tot Ion:101 Resp: 1318

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#



#25

Chloroform

Concen: 1.171 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV018997.D

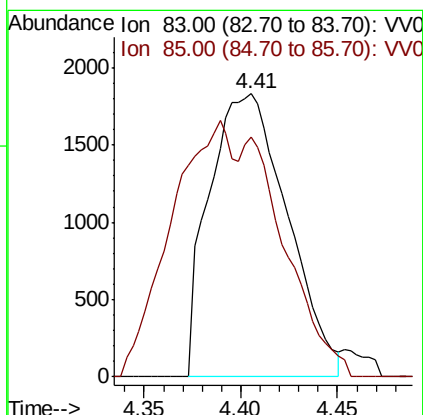
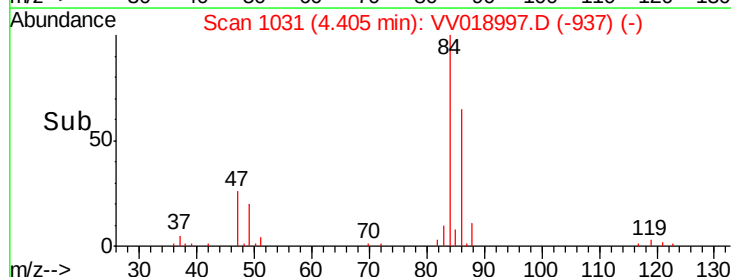
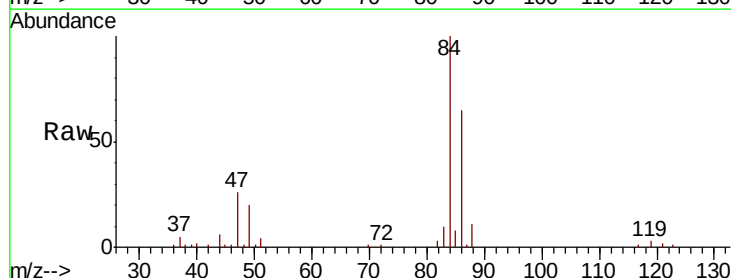
Acq: 20 Oct 2020 04:18

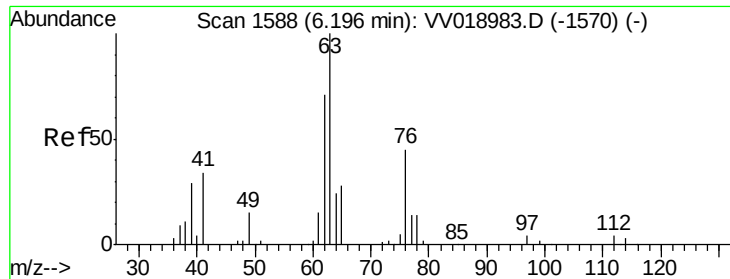
Tgt Ion: 83 Resp: 5135

Ion Ratio Lower Upper

83 100

85 84.7 44.6 82.8#

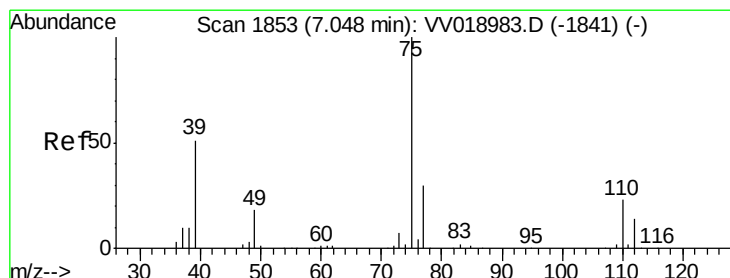
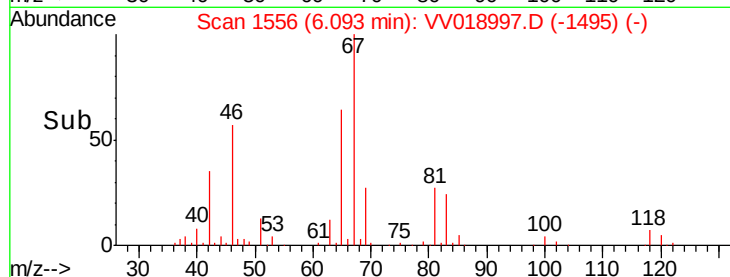
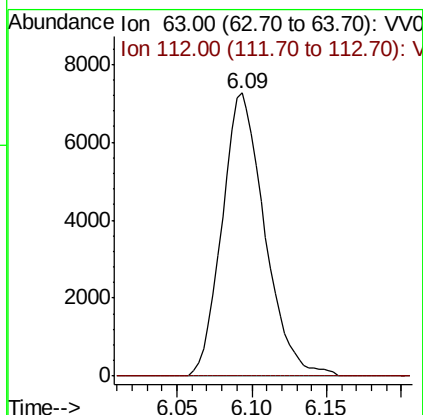
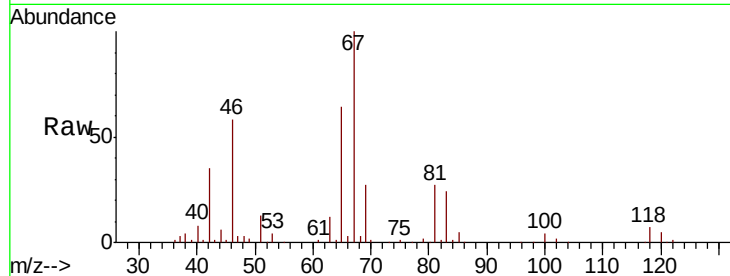




#37
 1,2-Dichloropropane
 Concen: 5.675 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018997.D
 Acq: 20 Oct 2020 04:18

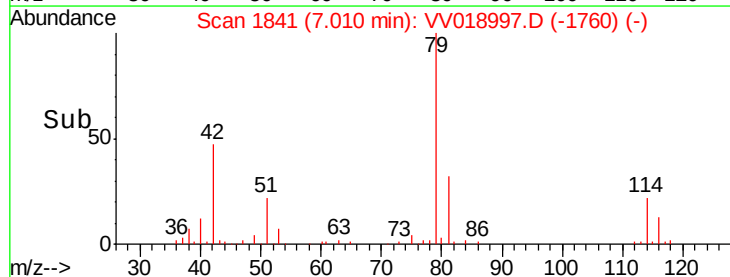
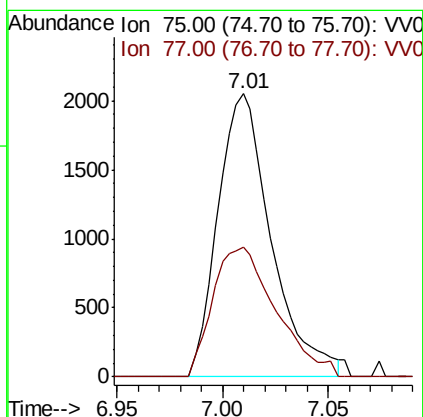
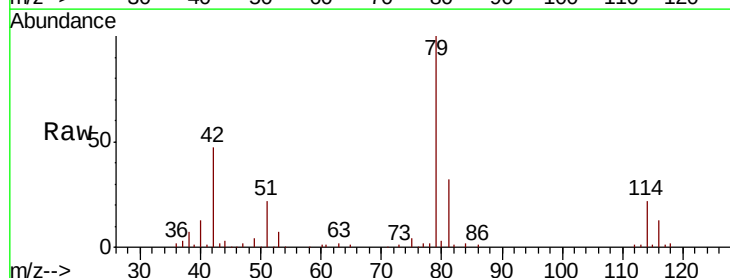
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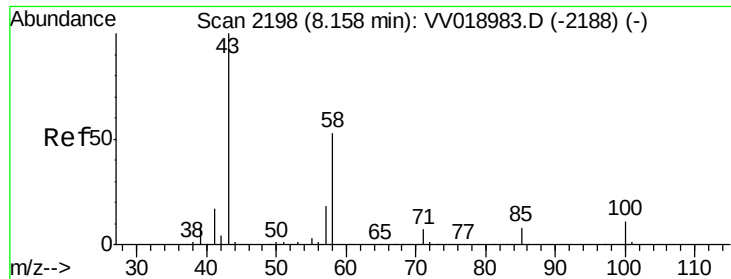
Tot Ion: 63 Resp: 14417
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.944 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018997.D
 Acq: 20 Oct 2020 04:18

Tgt Ion: 75 Resp: 3604
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.5 41.9#

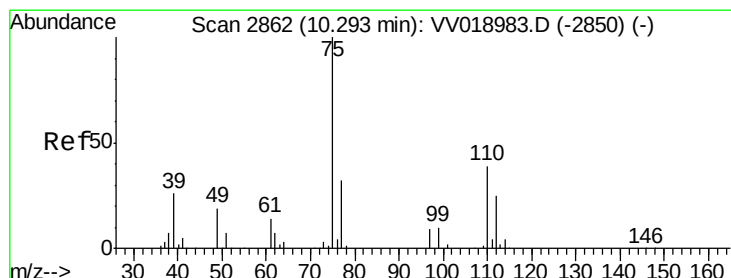
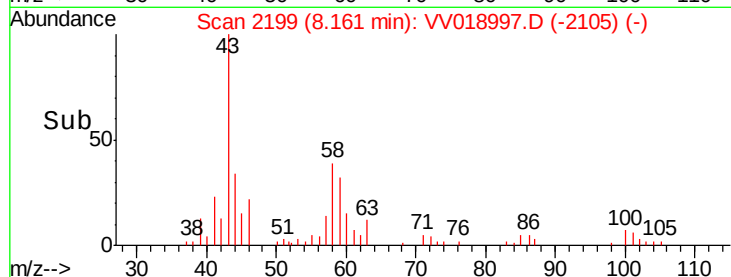
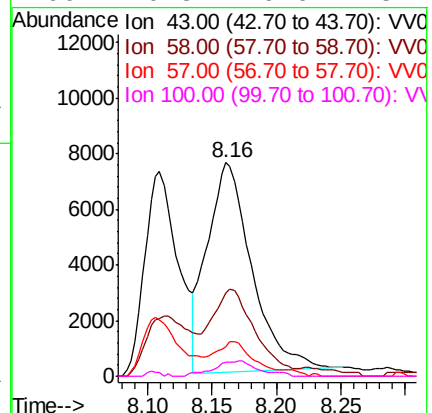
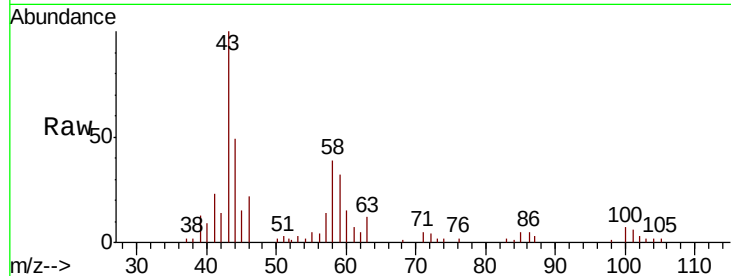




#48
2-Hexanone
Concen: 6.555 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018997.D
Acq: 20 Oct 2020 04:18

Instrument :
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Tot Ion: 43 Resp: 18207
Ion Ratio Lower Upper
43 100
58 35.4 42.5 63.7#
57 11.1 14.5 21.7#
100 6.8 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.618 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018997.D
Acq: 20 Oct 2020 04:18

Tgt Ion: 75 Resp: 17274
Ion Ratio Lower Upper
75 100
77 37.6 25.4 38.2

