

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018479.D
 Acq On : 26 Sep 2020 00:11
 Operator : SY/MD
 Sample : L4117-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD2

Quant Time: Sep 26 02:58:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120551	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	102898	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	170273	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	3.92	46	160143	90.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	4.38	84	218790	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.06	65	141554	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.08	84	457051	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.09	67	144510	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.66%
41) Toluene-d8	7.34	98	408648	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.64	79	68823	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
47) 2-Hexanone-d5	8.11	63	97949	82.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174852	44.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	170646	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

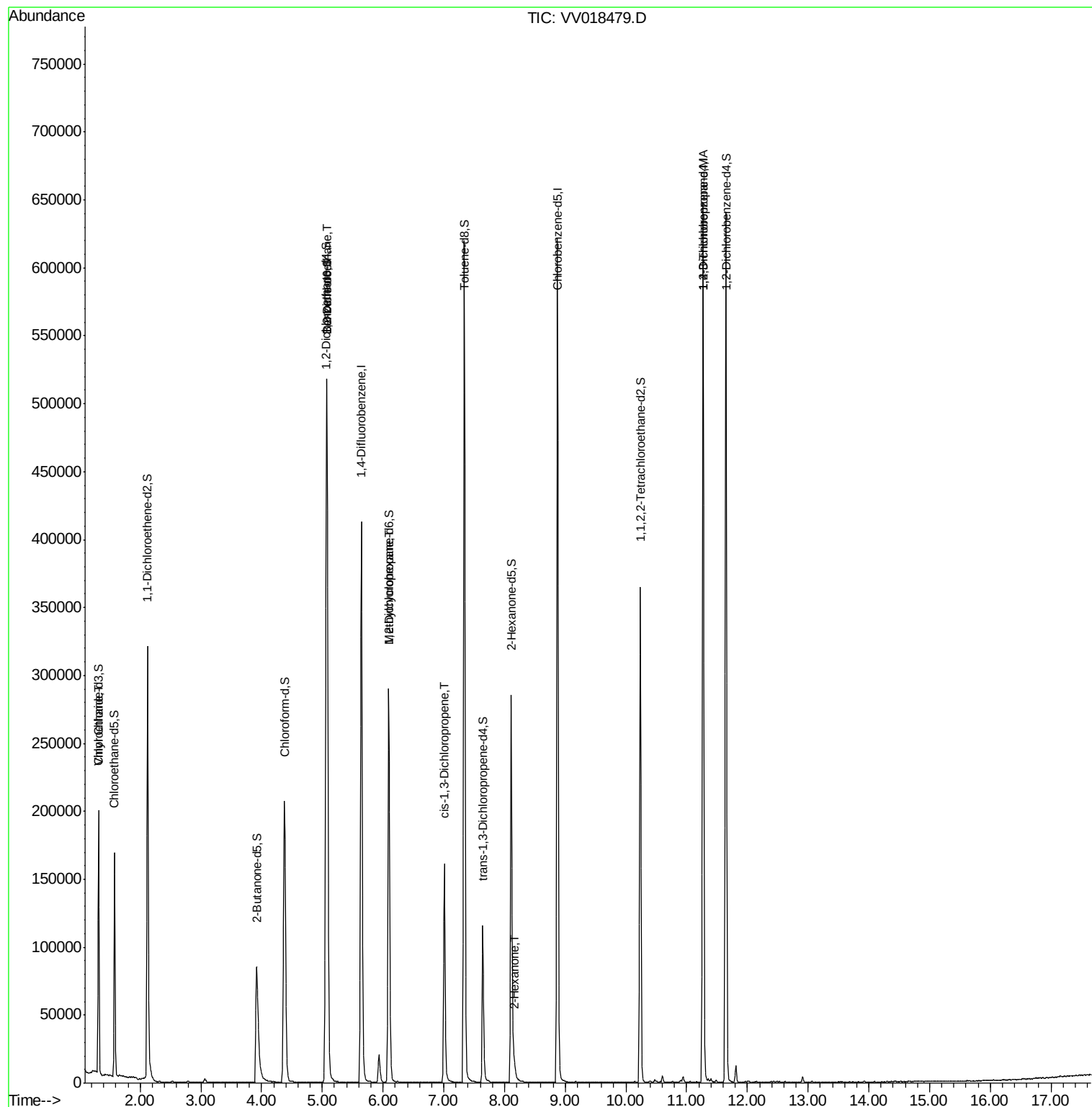
					Ovalue
8) Chloroethane	1.32	64	1510	0.832 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	2505	0.701 ug/L #	74
35) Methylcyclohexane	6.09	83	34658	8.619 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3594	0.898 ug/L #	64
48) 2-Hexanone	8.16	43	5487	2.208 ug/L #	40
59) 1,2,3-Trichloropropane	11.27	75	18548	6.070 ug/L	91

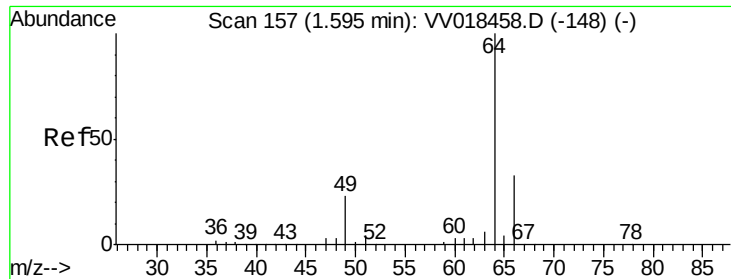
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.832 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018479.D

Acq: 26 Sep 2020 00:11

Instrument :

MSVOA_V

ClientSampleId :

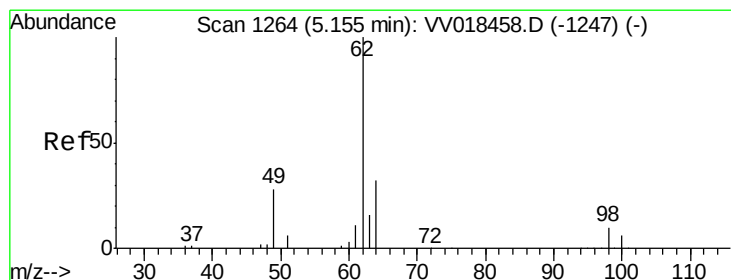
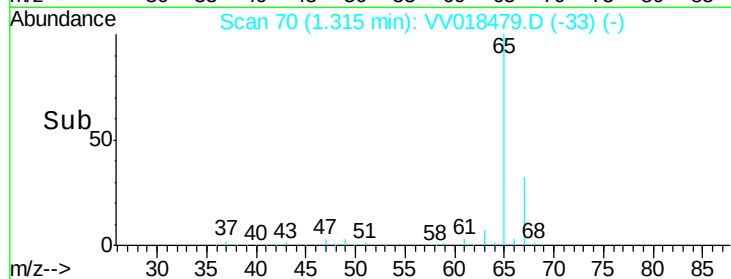
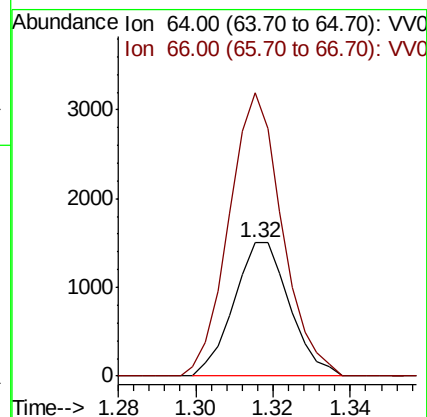
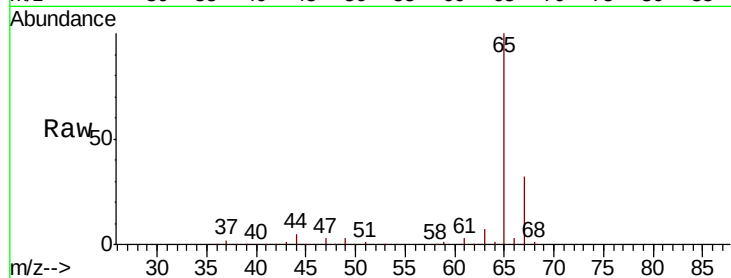
E0AD2

Tot Ion: 64 Resp: 1510

Ion Ratio Lower Upper

64 100

66 212.7 22.5 41.7#



#27

1,2-Dichloroethane

Concen: 0.701 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV018479.D

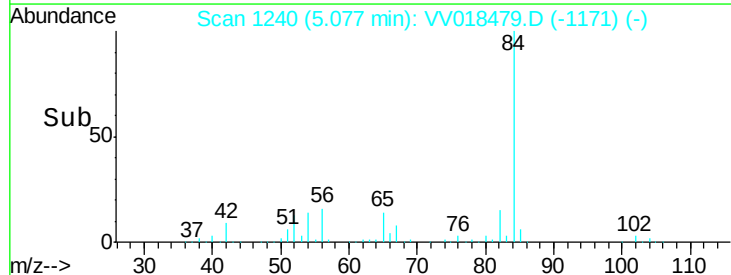
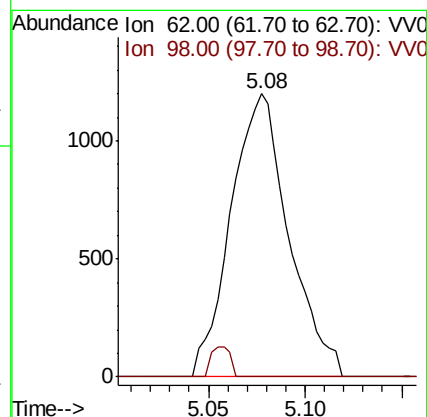
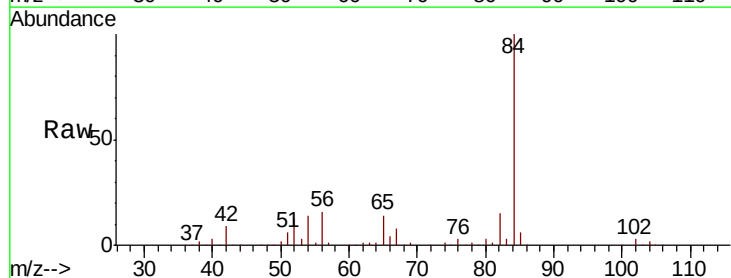
Acq: 26 Sep 2020 00:11

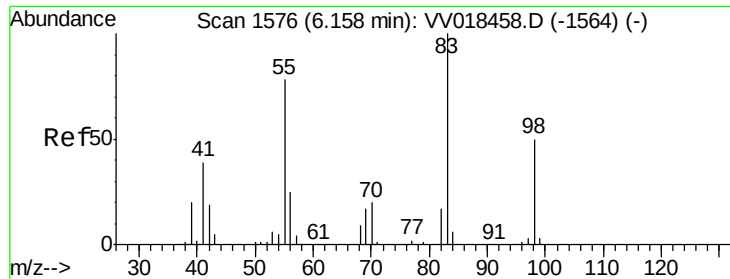
Tgt Ion: 62 Resp: 2505

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

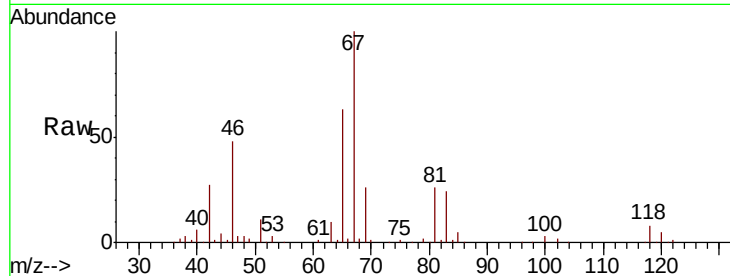




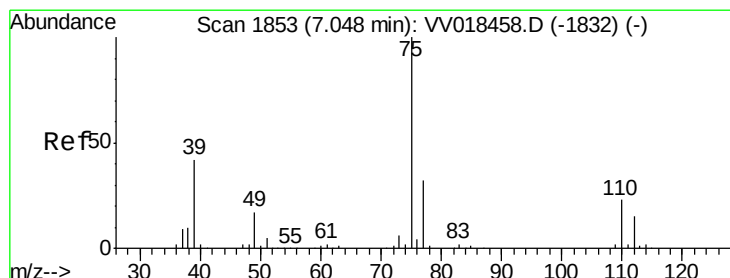
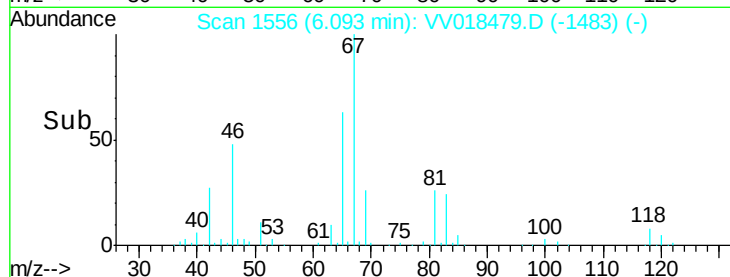
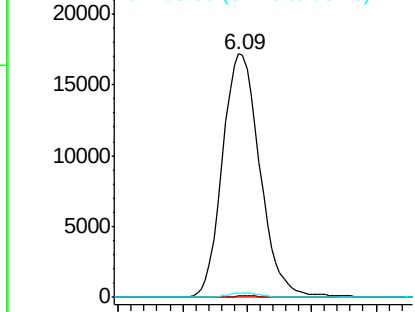
#35
Methylcyclohexane
Concen: 8.619 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018479.D
Acq: 26 Sep 2020 00:11

Instrument :
MSVOA_V
ClientSampled :
E0AD2

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.4	38.8	58.2#

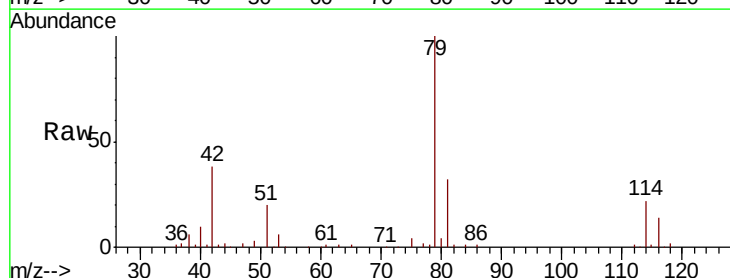


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

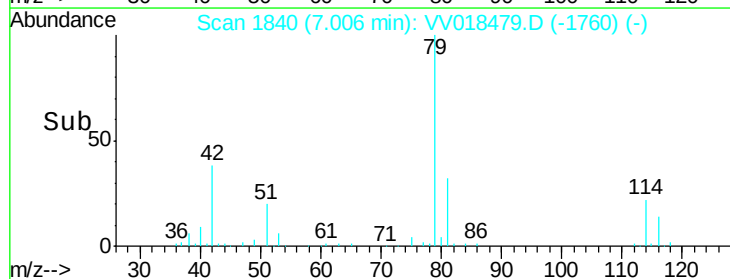
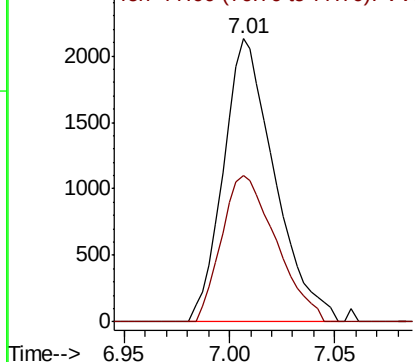


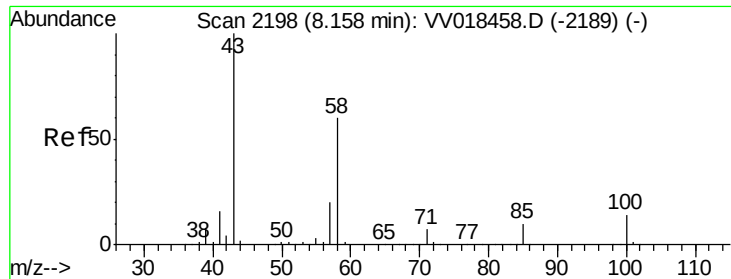
#39
cis-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018479.D
Acq: 26 Sep 2020 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	51.9	22.3	41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

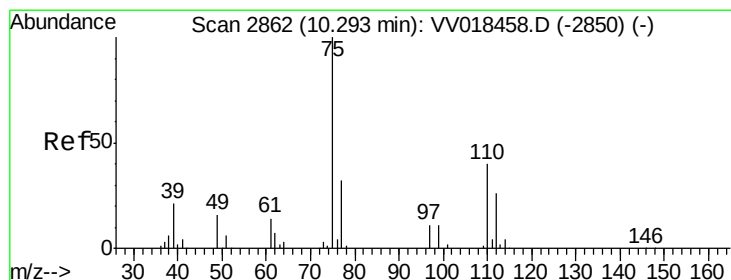
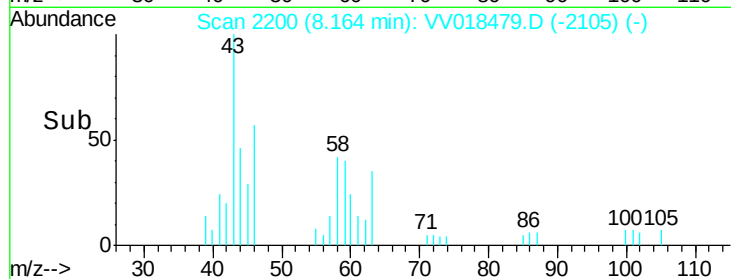
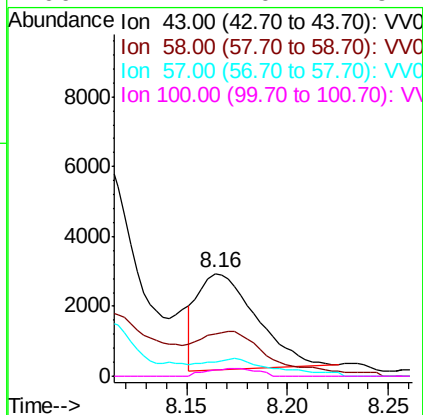
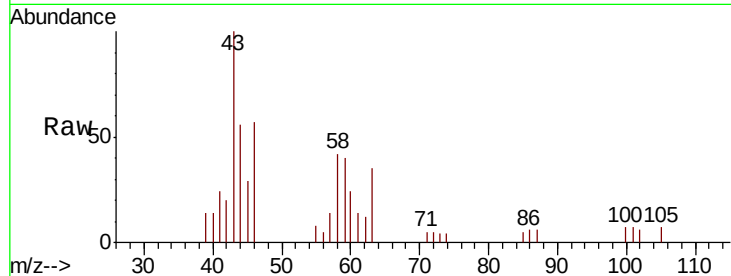




#48
2-Hexanone
Concen: 2.208 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018479.D
Acq: 26 Sep 2020 00:11

Instrument :
MSVOA_V
ClientSampled :
E0AD2

Tot Ion: 43 Resp: 5487
Ion Ratio Lower Upper
43 100
58 0.0 44.8 67.2#
57 0.0 15.8 23.6#
100 7.2 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.070 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018479.D
Acq: 26 Sep 2020 00:11

Tgt Ion: 75 Resp: 18548
Ion Ratio Lower Upper
75 100
77 37.4 25.8 38.6

