

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112719\
 Data File : VV013833.D
 Acq On : 27 Nov 2019 19:52
 Operator : SY/MD
 Sample : K6056-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 03:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	312403	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	308140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67011	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.58	69	70932	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	102892	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	263159	65.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.94%#
24) Chloroform-d	4.40	84	174537	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	97575	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	347248	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.12	67	112098	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	265598	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.66	79	37126	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	193789	56.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87365	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	130919	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

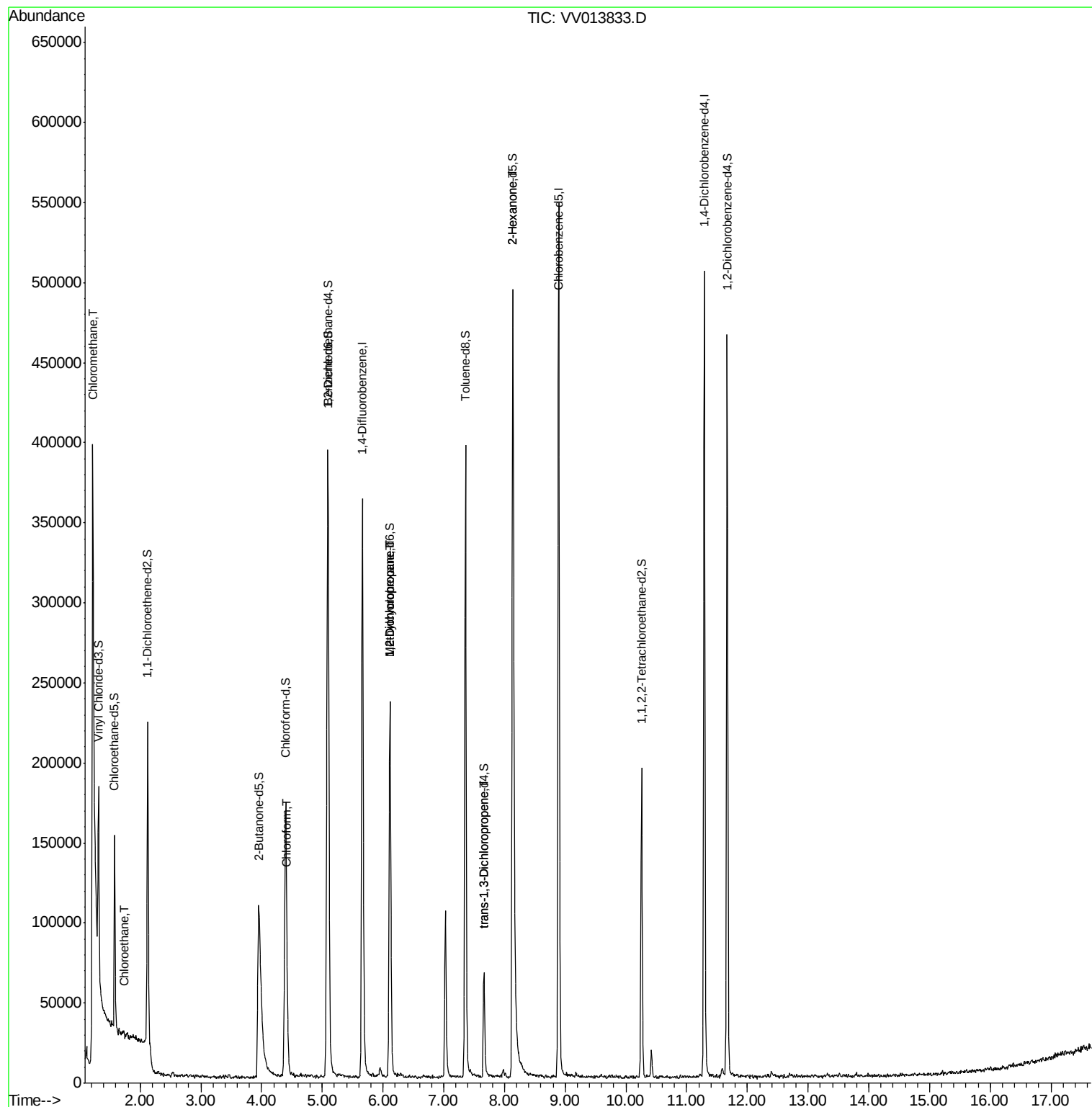
					Ovalue
3) Chloromethane	1.22	50	8654	0.474 ug/L #	52
8) Chloroethane	1.73	64	1226	0.109 ug/L #	55
25) Chloroform	4.42	83	15259	0.425 ug/L	94
35) Methylcyclohexane	6.12	83	28573	1.027 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	12593	0.648 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	1913	0.089 ug/L	95
48) 2-Hexanone	8.14	43	27070	3.346 ug/L #	73

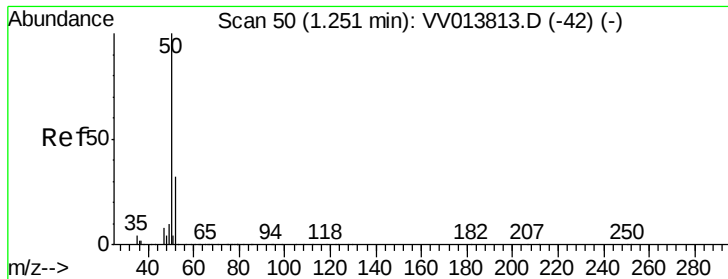
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.474 ug/L

RT: 1.22 min Scan# 40

Delta R.T. -0.03 min

Lab File: VV013833.D

Acq: 27 Nov 2019 19:52

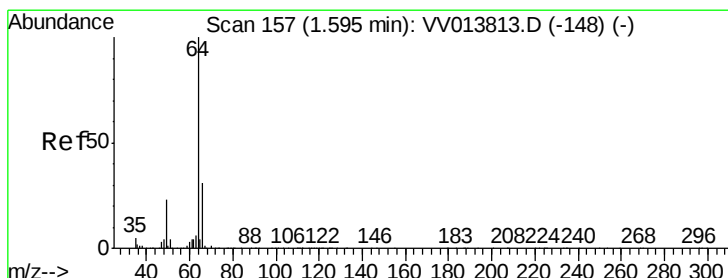
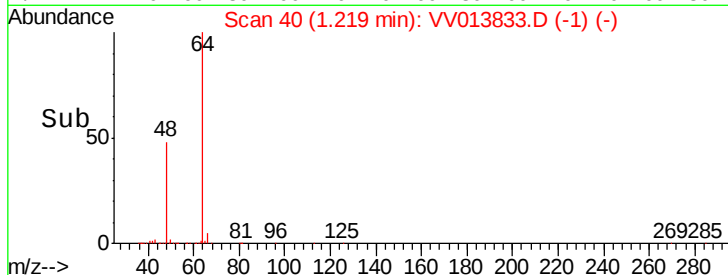
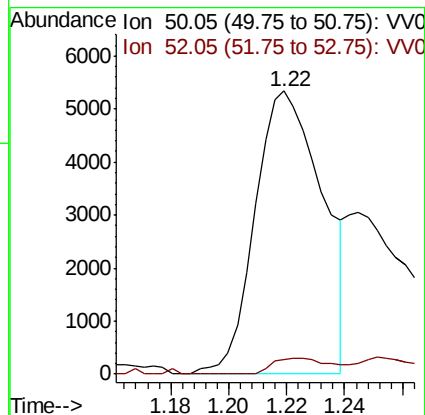
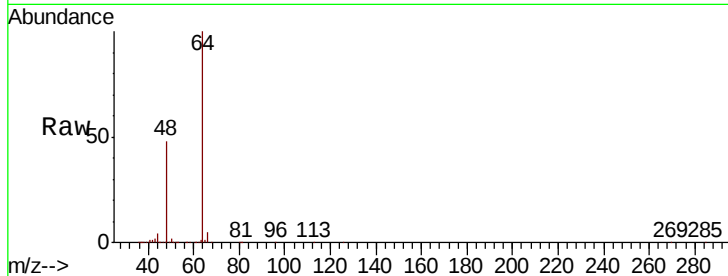
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 8654

Ion Ratio Lower Upper

50 100

52 5.3 22.5 41.7#



#8

Chloroethane

Concen: 0.109 ug/L

RT: 1.73 min Scan# 199

Delta R.T. 0.14 min

Lab File: VV013833.D

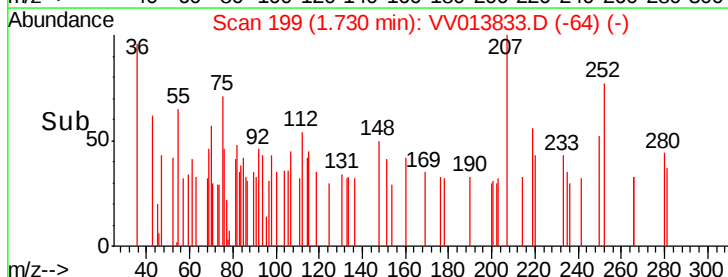
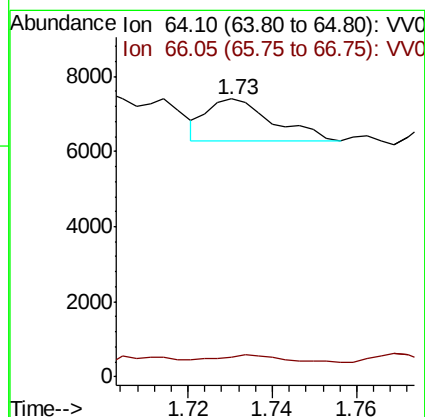
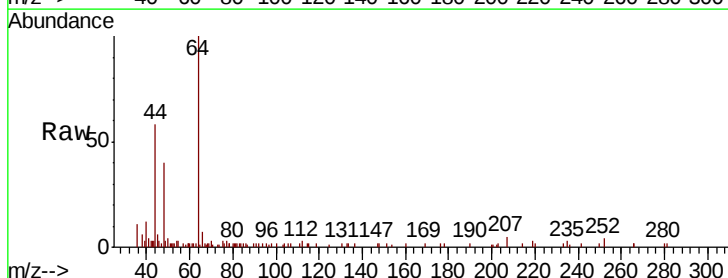
Acq: 27 Nov 2019 19:52

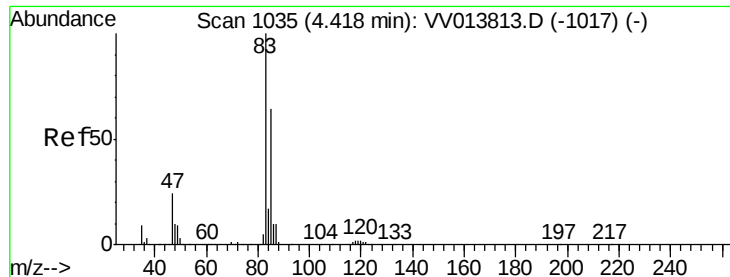
Tgt Ion: 64 Resp: 1226

Ion Ratio Lower Upper

64 100

66 7.3 22.6 42.0#





#25

Chloroform

Concen: 0.425 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV013833.D

Acq: 27 Nov 2019 19:52

Instrument :

MSVOA_V

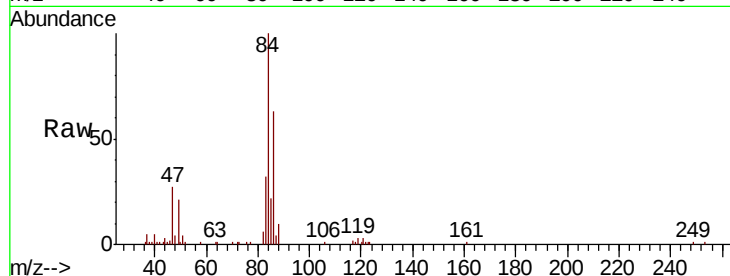
ClientSampleId :

Tot Ion: 83 Resp: 15259

Ion Ratio Lower Upper

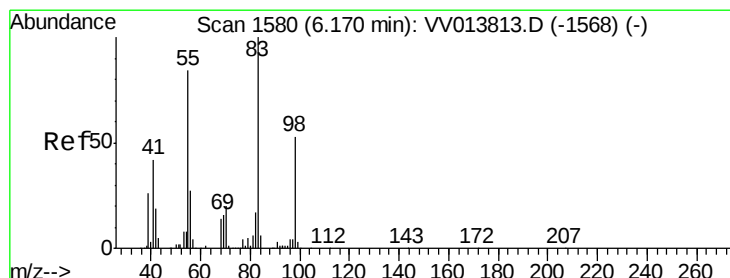
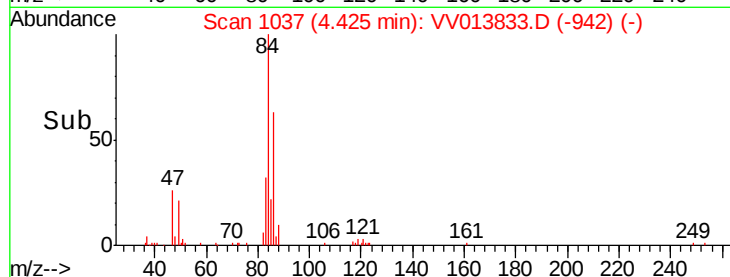
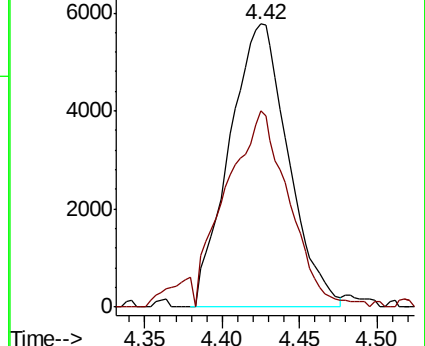
83 100

85 69.1 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 1.027 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013833.D

Acq: 27 Nov 2019 19:52

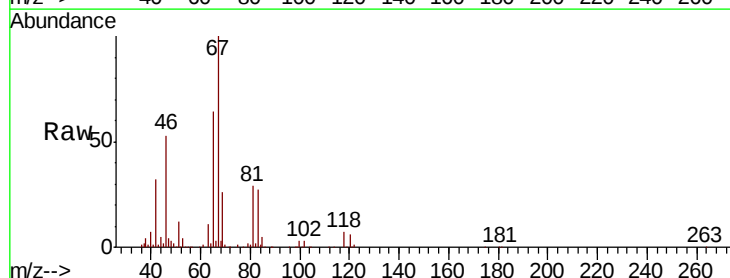
Tgt Ion: 83 Resp: 28573

Ion Ratio Lower Upper

83 100

55 1.0 60.3 90.5#

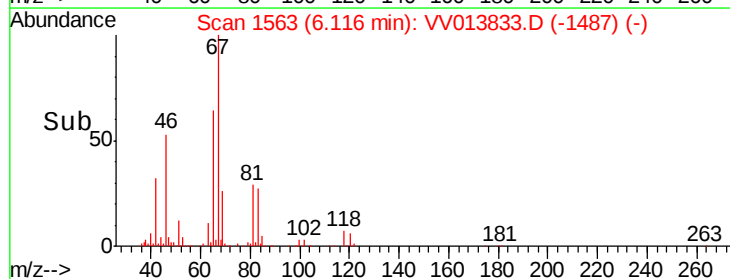
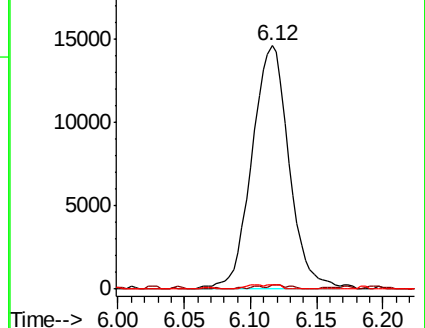
98 0.7 38.1 57.1#

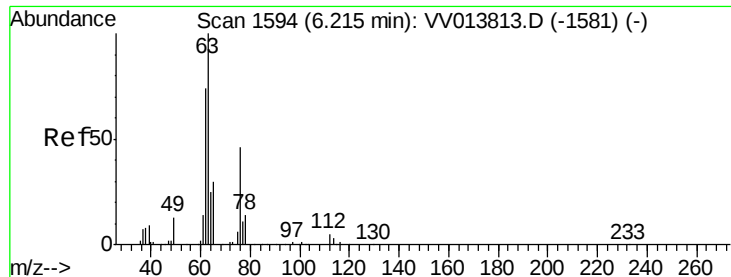


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

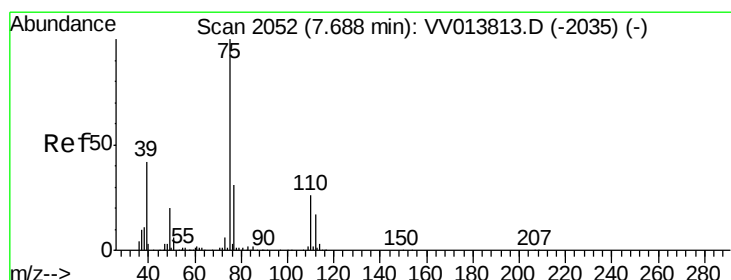
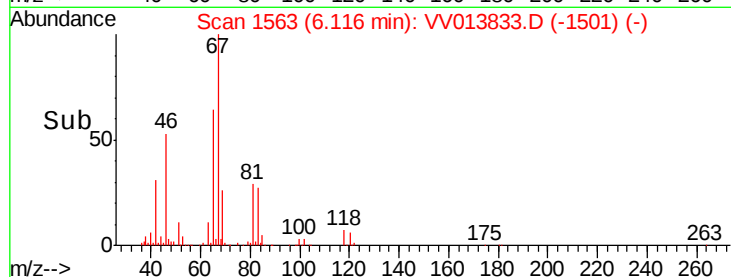
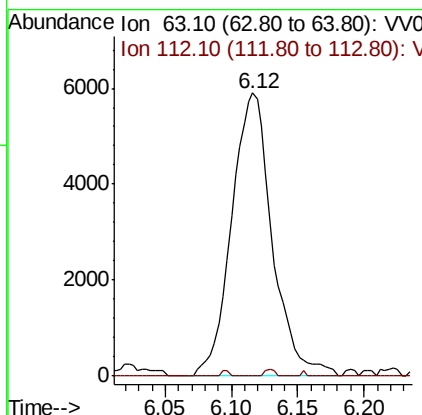
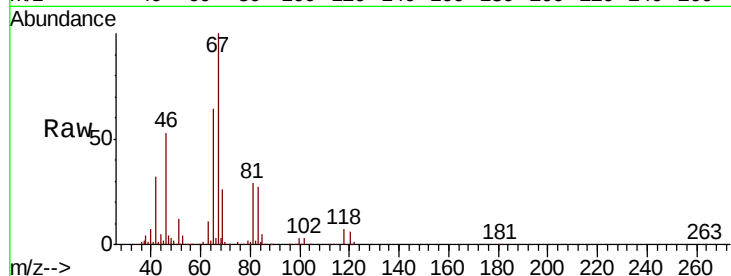




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013833.D
 Acq: 27 Nov 2019 19:52

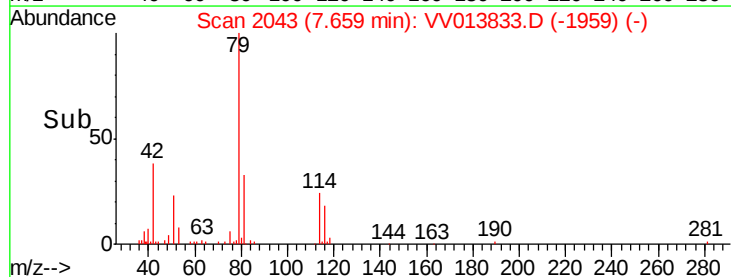
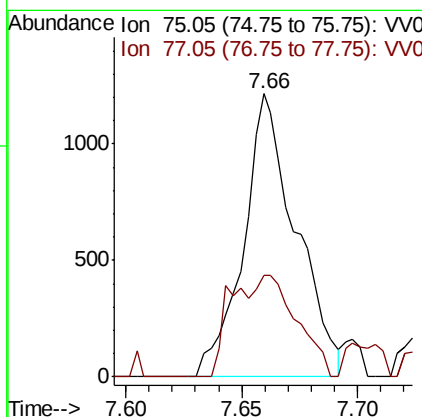
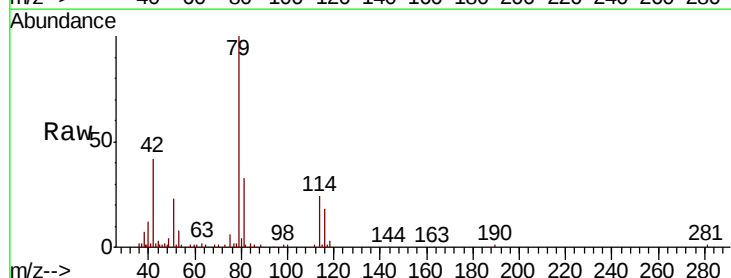
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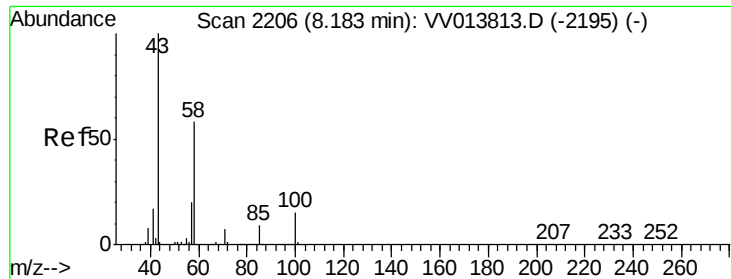
Tot Ion: 63 Resp: 12593
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013833.D
 Acq: 27 Nov 2019 19:52

Tgt Ion: 75 Resp: 1913
 Ion Ratio Lower Upper
 75 100
 77 35.9 23.0 42.8





#48
 2-Hexanone
 Concen: 3.346 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013833.D
 Acq: 27 Nov 2019 19:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.9	43.2	64.8#
57	30.6	15.4	23.2#
100	4.2	10.4	15.6#

