

Data File : VV013578.D
Acq On : 11 Nov 2019 12:40
Operator : SY/MD
Sample : K5718-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9S9

Quant Time: Nov 12 07:47:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 12 07:44:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	402514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	408340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74239	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	69069	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	92992	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	3.96	46	293711	48.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.40	84	203712	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	110935	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	371929	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.11	67	126507	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	279192	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	45411	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	171512	39.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96285	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	146892	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

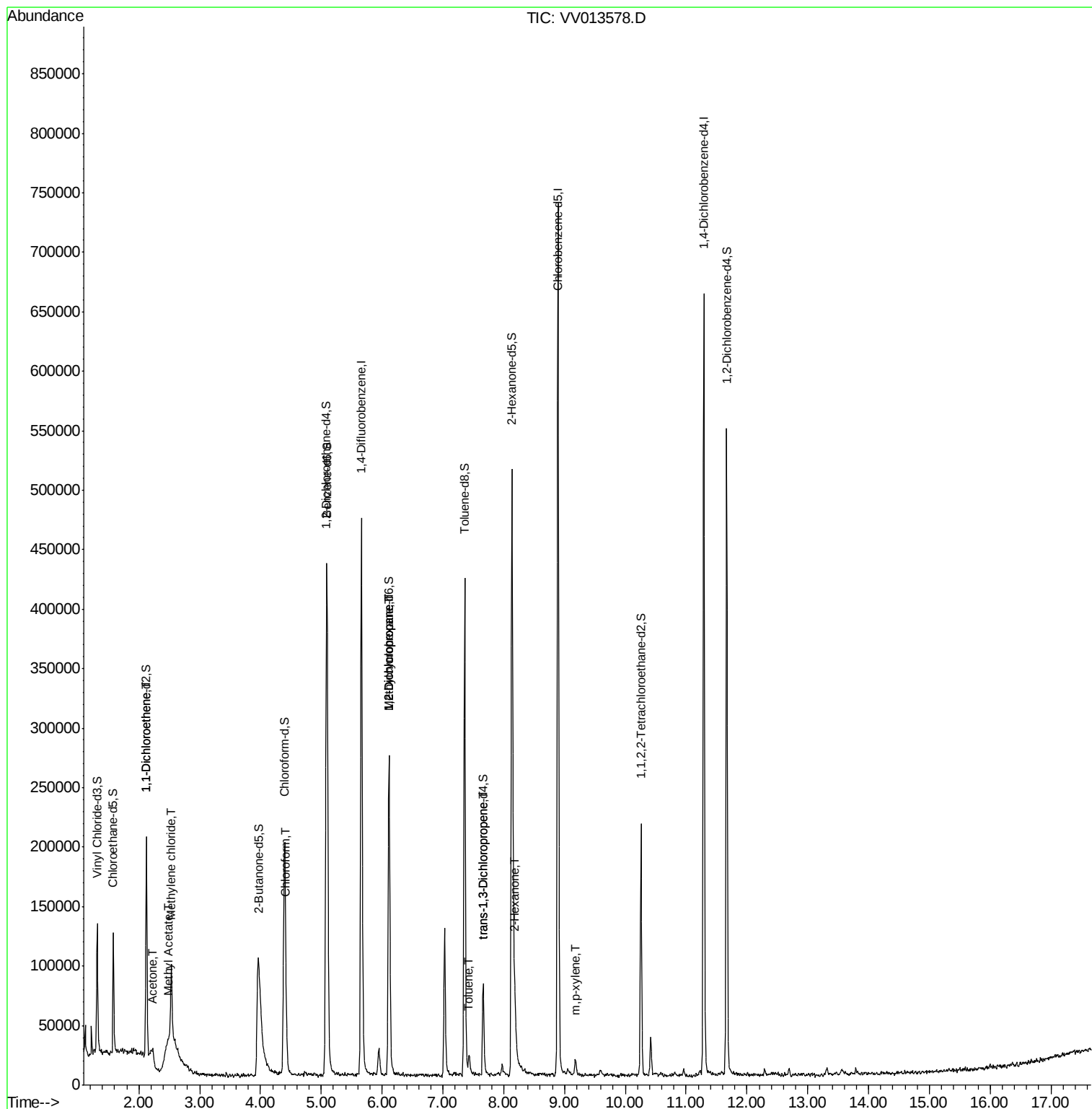
					Qvalue	
12) 1,1-Dichloroethene	2.12	96	1736	0.072	ug/L #	1
13) Acetone	2.23	43	4193	1.136	ug/L	51
15) Methyl Acetate	2.47	43	7153	0.648	ug/L #	55
16) Methylene chloride	2.53	84	26710	0.842	ug/L	95
25) Chloroform	4.42	83	15633	0.256	ug/L	98
35) Methylcyclohexane	6.11	83	31363	0.603	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15232	0.488	ug/L #	89
42) Toluene	7.43	91	9699	0.074	ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	2438	0.072	ug/L #	71
48) 2-Hexanone	8.19	43	29720	2.339	ug/L	90
53) m,p-xylene	9.18	106	3740	0.071	ug/L	82

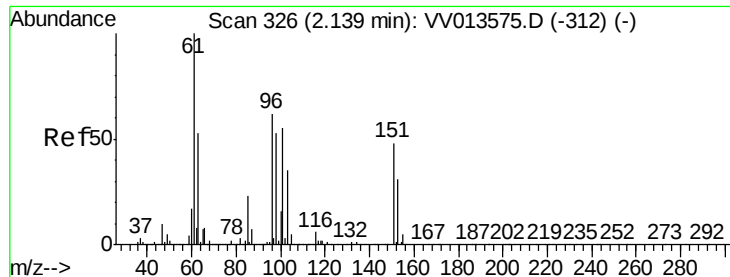
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Instrument :

MSVOA_V

ClientSampleId :

BE9S9

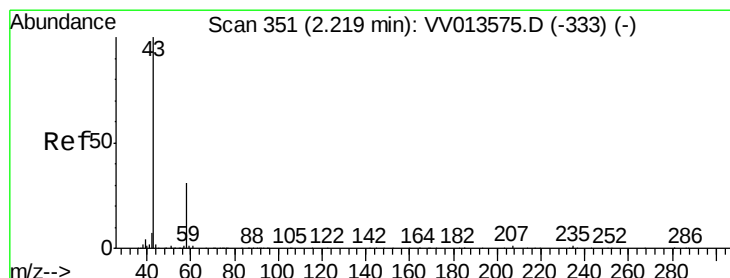
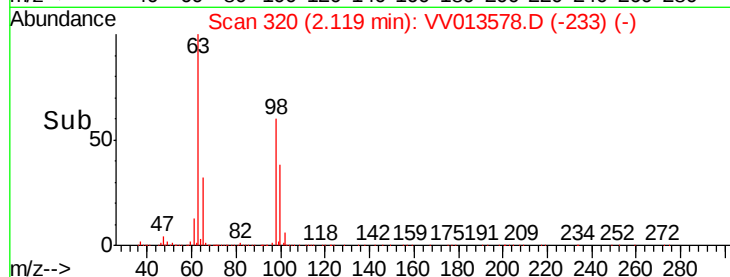
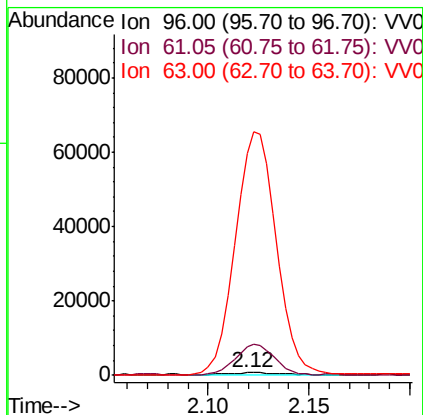
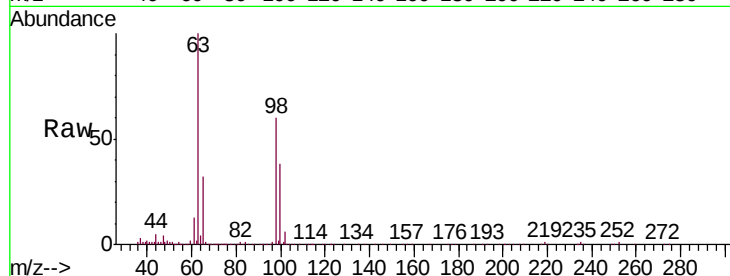
Tgt Ion: 96 Resp: 1736

Ion Ratio Lower Upper

96 100

61 1027.3 117.1 217.5#

63 8105.3 68.5 127.1#



#13

Acetone

Concen: 1.136 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

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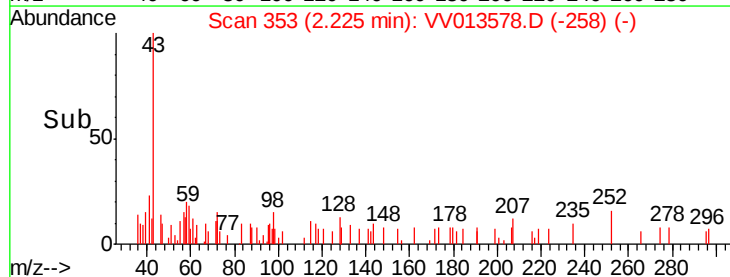
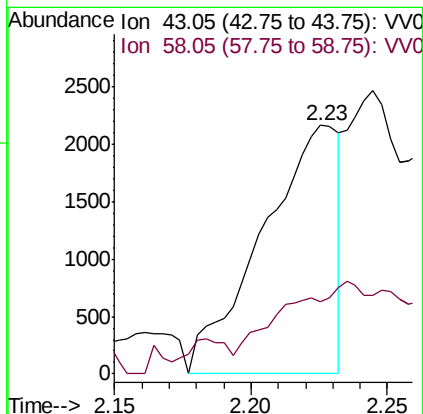
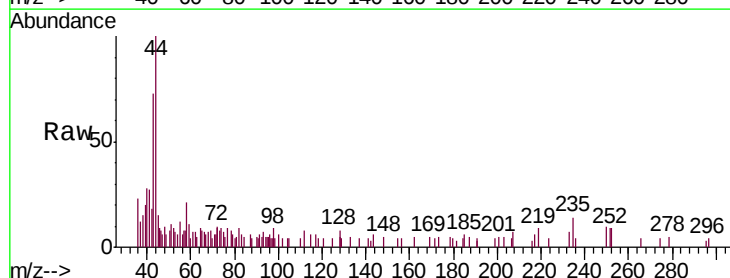
Acq: 11 Nov 2019 12:40

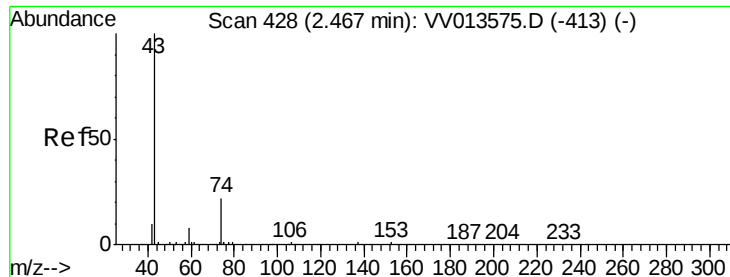
Tgt Ion: 43 Resp: 4193

Ion Ratio Lower Upper

43 100

58 3.9 0.0 60.8





#15

Methyl Acetate

Concen: 0.648 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Instrument :

MSVOA_V

ClientSampleID :

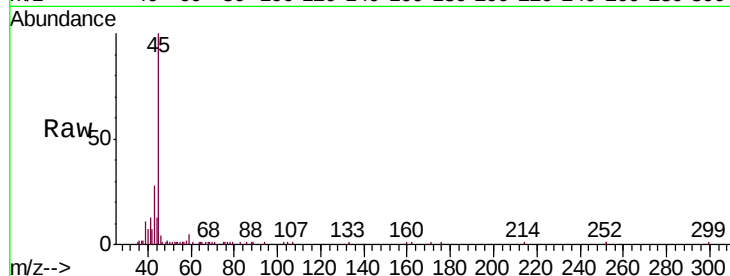
BE9S9

Tgt Ion: 43 Resp: 7153

Ion Ratio Lower Upper

43 100

74 2.1 19.4 29.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

5000

4000

3000

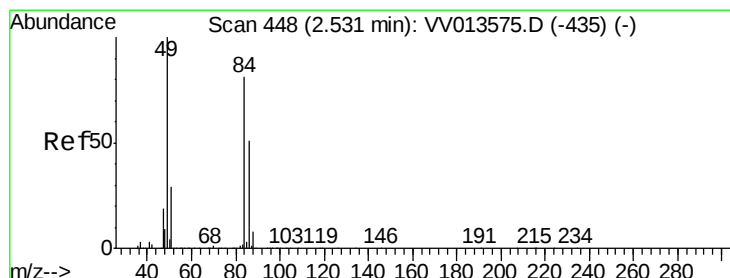
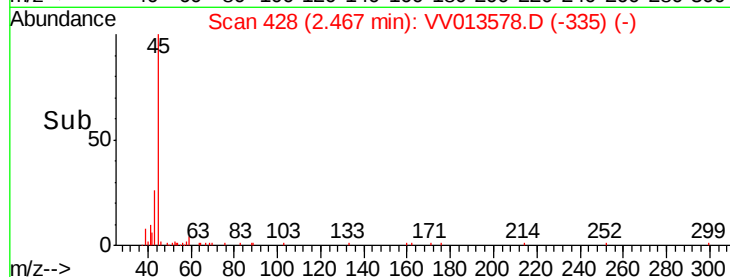
2000

1000

0

2.40 2.45 2.50

Time-->



#16

Methylene chloride

Concen: 0.842 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

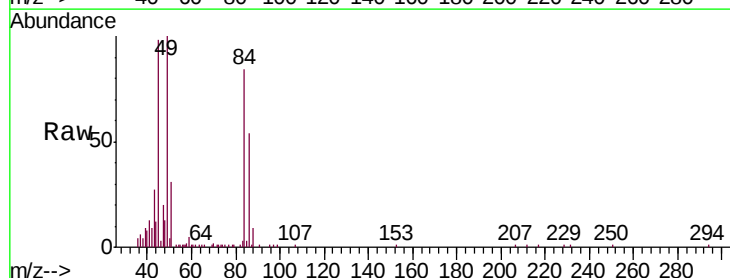
Tgt Ion: 84 Resp: 26710

Ion Ratio Lower Upper

84 100

86 63.8 44.2 82.2

49 119.2 88.8 164.8



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

25000

20000

15000

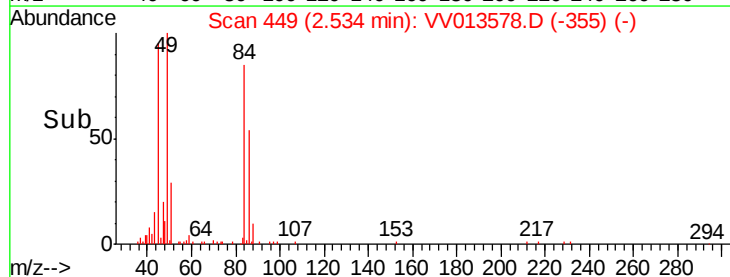
10000

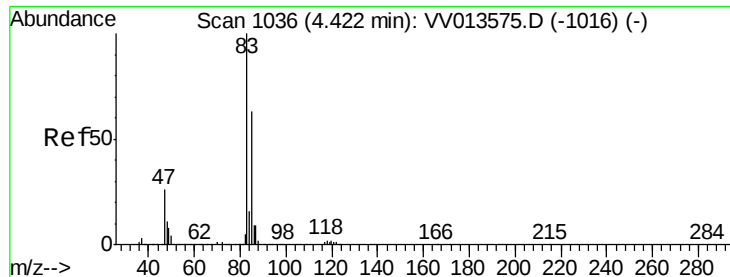
5000

0

2.45 2.50 2.55 2.60

Time-->

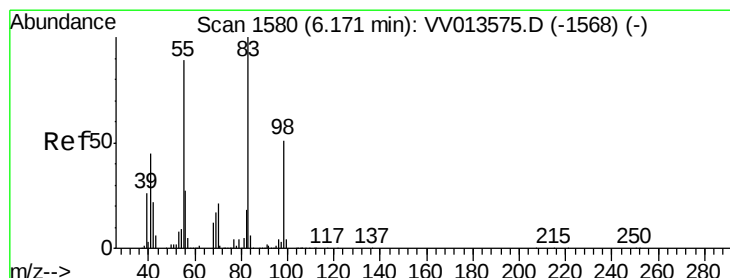
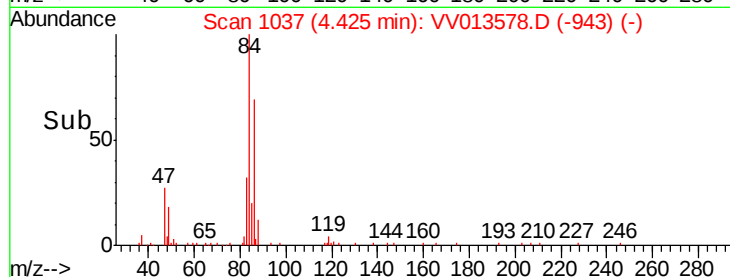
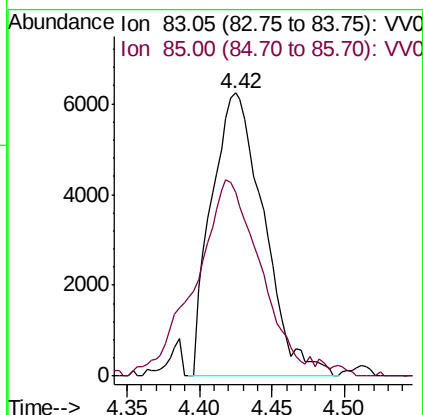
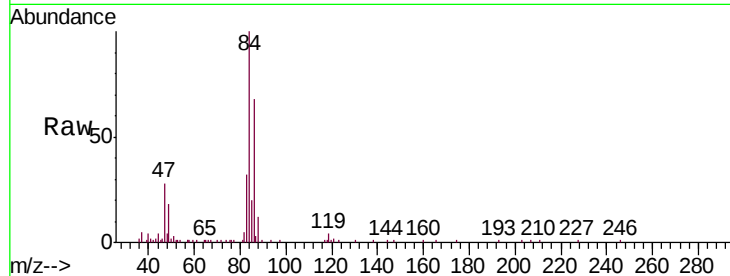




#25
Chloroform
Concen: 0.256 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013578.D
Acq: 11 Nov 2019 12:40

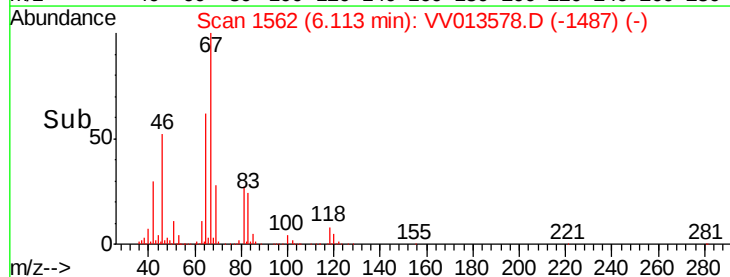
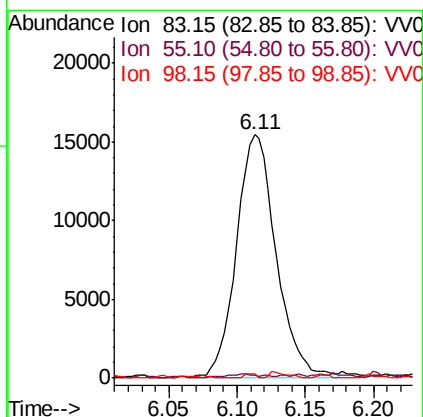
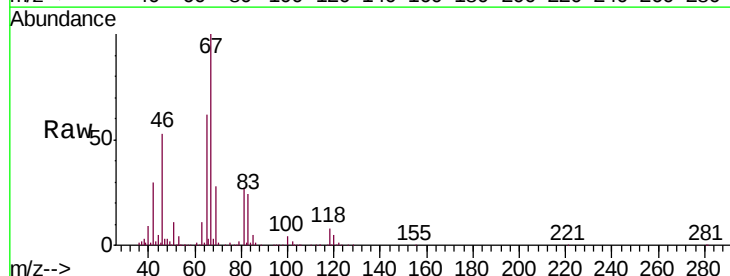
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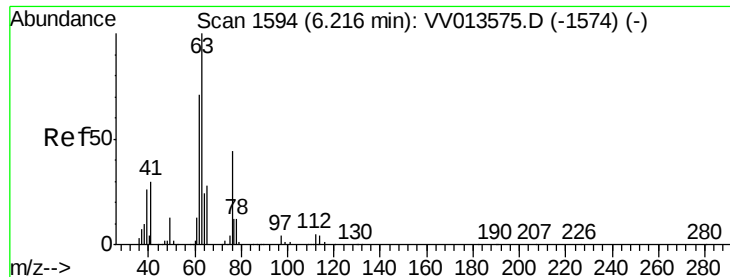
Tgt Ion: 83 Resp: 15633
Ion Ratio Lower Upper
83 100
85 64.8 46.3 86.1



#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013578.D
Acq: 11 Nov 2019 12:40

Tgt Ion: 83 Resp: 31363
Ion Ratio Lower Upper
83 100
55 1.4 63.8 95.8#
98 0.5 38.4 57.6#

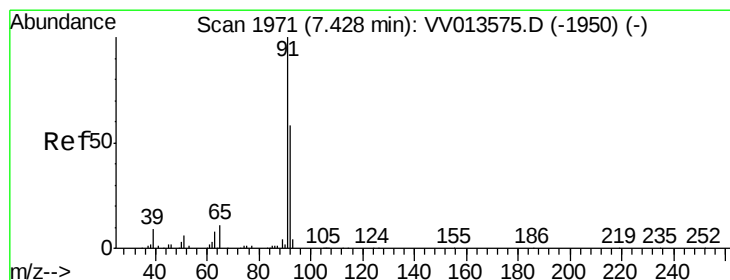
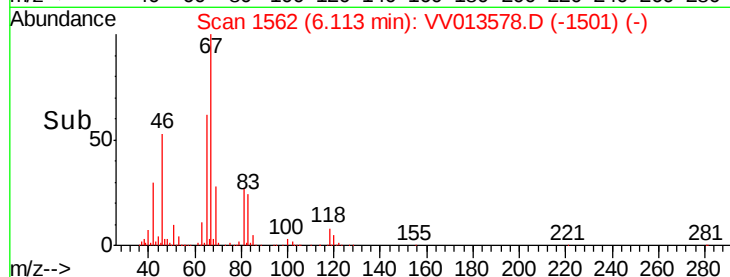
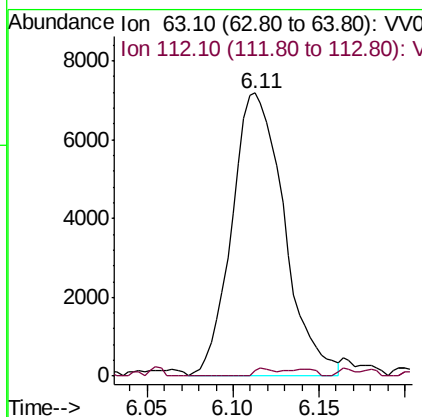
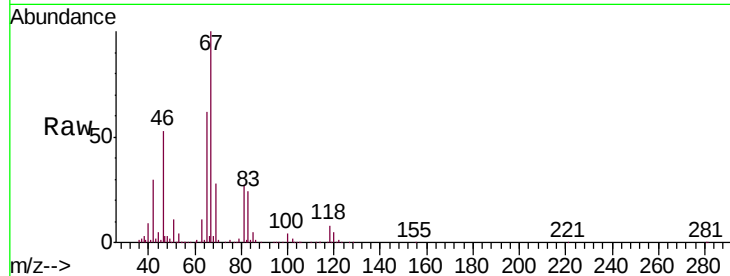




#37
 1,2-Dichloropropane
 Concen: 0.488 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013578.D
 Acq: 11 Nov 2019 12:40

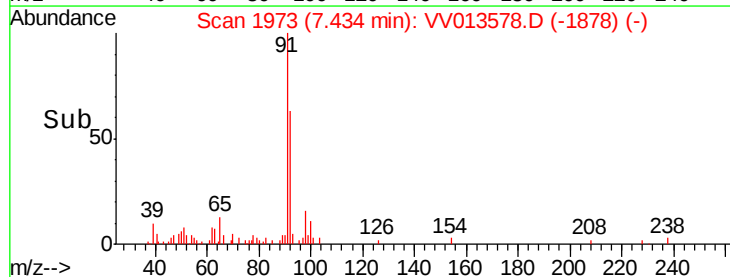
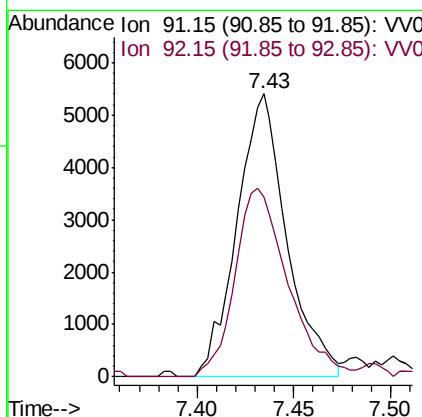
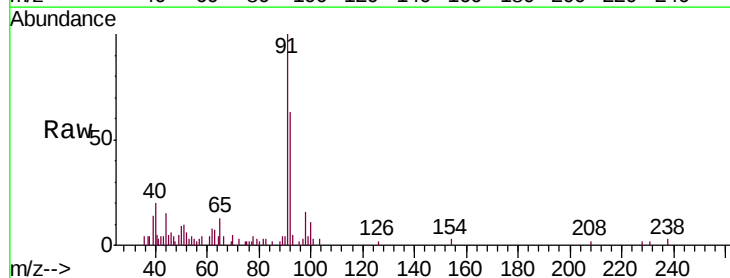
Instrument :
 MSVOA_V
 ClientSampleId :
 BE9S9

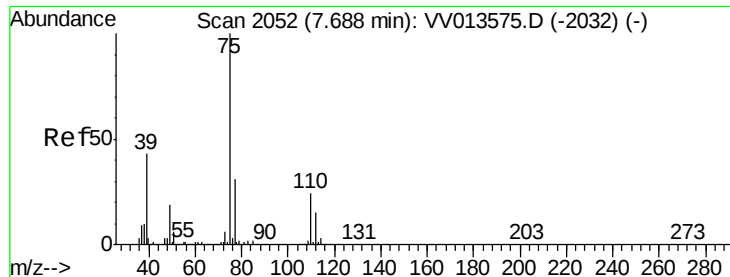
Tgt Ion: 63 Resp: 15232
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.8 5.6#



#42
 Toluene
 Concen: 0.074 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV013578.D
 Acq: 11 Nov 2019 12:40

Tgt Ion: 91 Resp: 9699
 Ion Ratio Lower Upper
 91 100
 92 63.4 41.4 77.0





#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Instrument :

MSVOA_V

ClientSampleId :

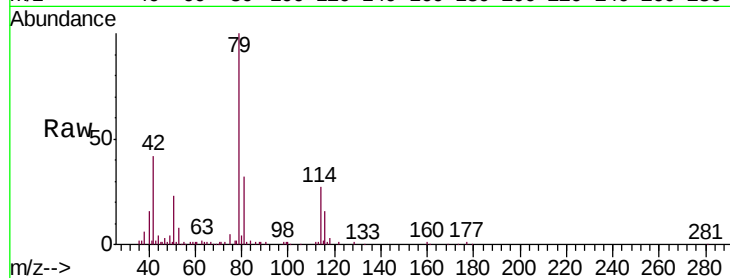
BE9S9

Tgt Ion: 75 Resp: 2438

Ion Ratio Lower Upper

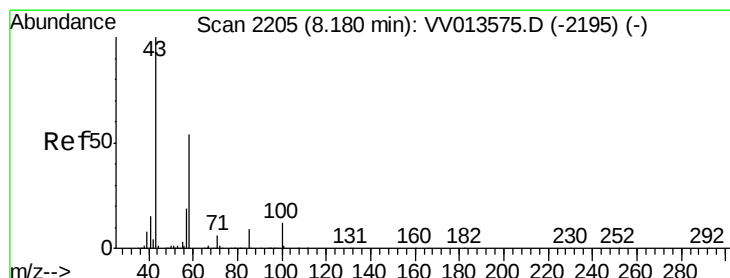
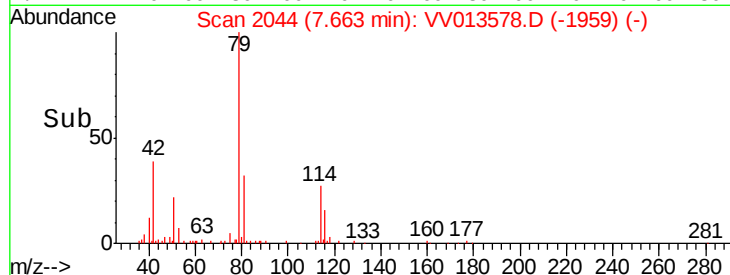
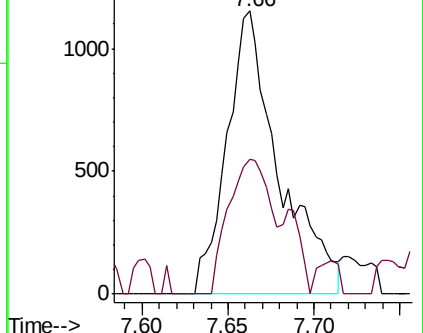
75 100

77 47.5 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.339 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Tgt Ion: 43 Resp: 29720

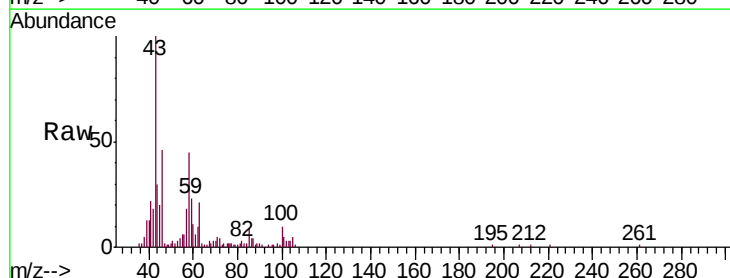
Ion Ratio Lower Upper

43 100

58 46.1 43.8 65.8

57 15.6 15.0 22.6

100 11.2 9.8 14.6

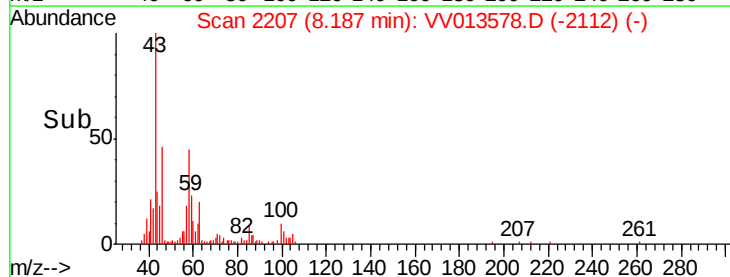
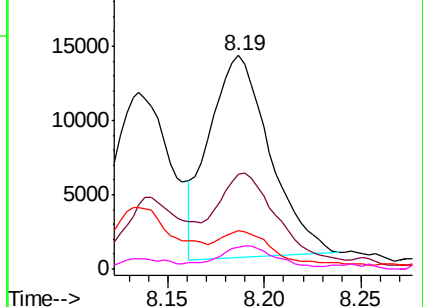


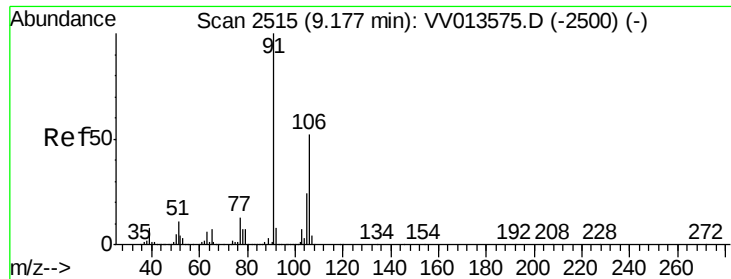
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#53

m,p-xylene

Concen: 0.071 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

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Tgt Ion:106 Resp: 3740

Ion Ratio Lower Upper

106 100

91 176.0 142.0 263.6

