

Data File : VV013562.D
Acq On : 09 Nov 2019 01:21
Operator : SY/MD
Sample : K5743-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9S1

Quant Time: Nov 09 04:24:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72168	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	67184	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	94392	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.97	46	302182	54.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	4.40	84	188877	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	115657	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.09	84	363679	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.11	67	129454	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	273871	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	43220	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.13	63	185657	47.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99547	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	146316	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

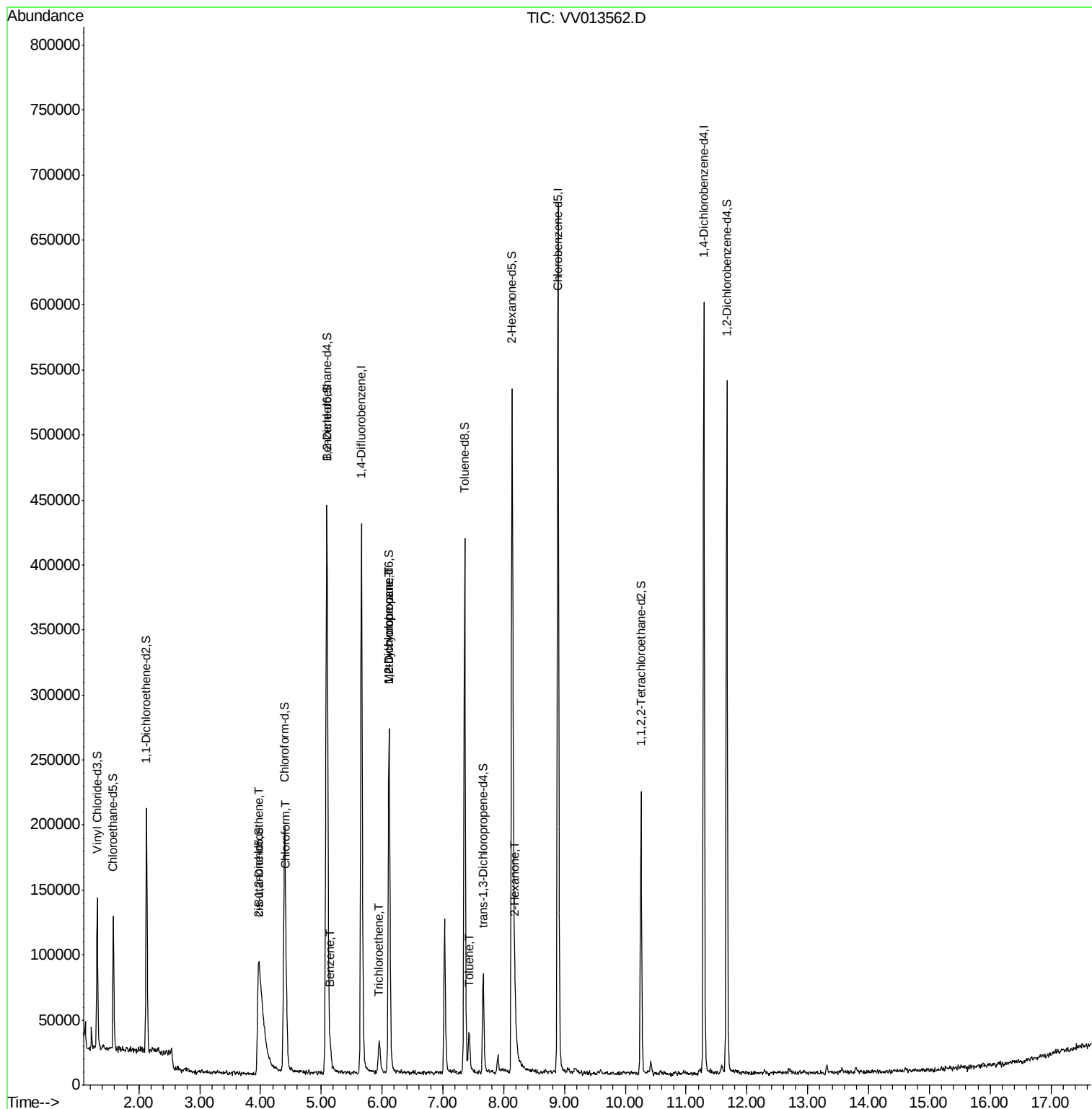
					Qvalue
22) cis-1,2-Dichloroethene	3.96	96	2649	0.094 ug/L #	100
25) Chloroform	4.42	83	32512	0.588 ug/L	96
33) Benzene	5.14	78	11216	0.097 ug/L	100
34) Trichloroethene	5.96	95	4891	0.158 ug/L	91
35) Methylcyclohexane	6.12	83	32473	0.689 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	14649	0.518 ug/L #	86
42) Toluene	7.43	91	22565	0.189 ug/L	93
48) 2-Hexanone	8.19	43	24586	2.133 ug/L #	86

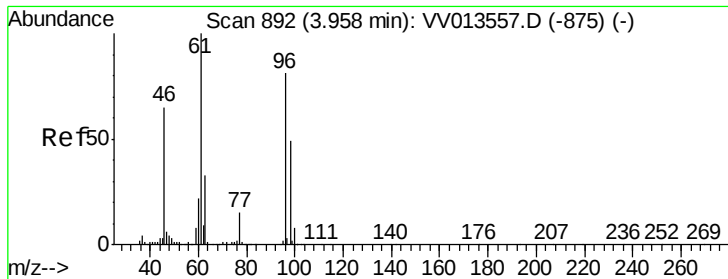
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.094 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

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Acq: 09 Nov 2019 01:21

Instrument :

MSVOA_V

ClientSampleId :

BE9S1

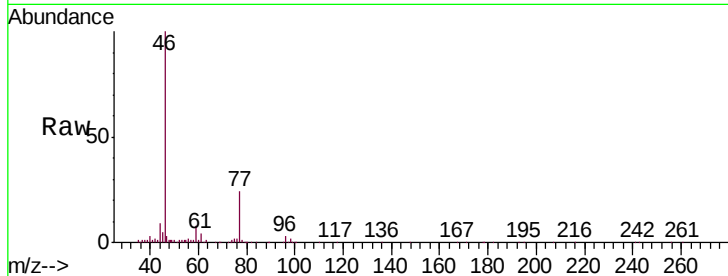
Tgt Ion: 96 Resp: 2649

Ion Ratio Lower Upper

96 100

61 135.3 94.6 175.8

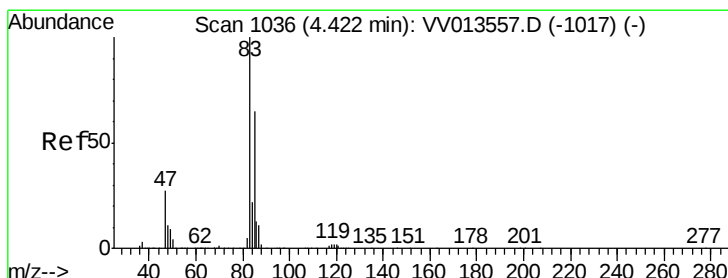
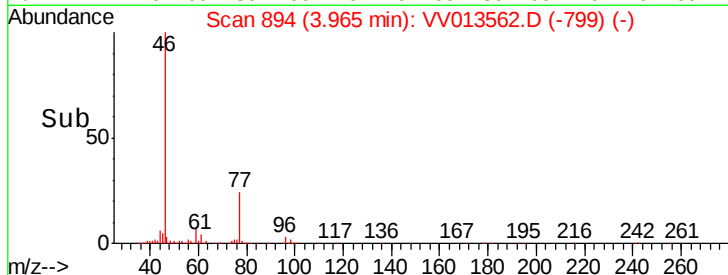
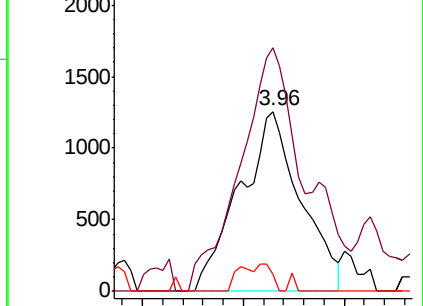
68 9.5 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.588 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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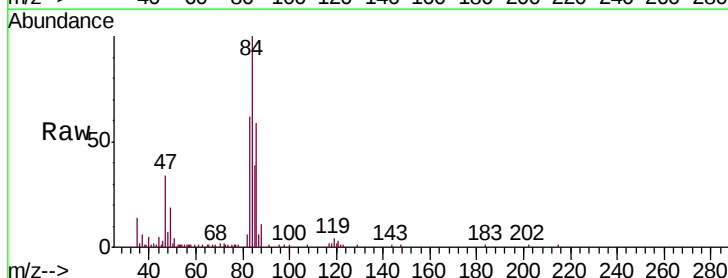
Acq: 09 Nov 2019 01:21

Tgt Ion: 83 Resp: 32512

Ion Ratio Lower Upper

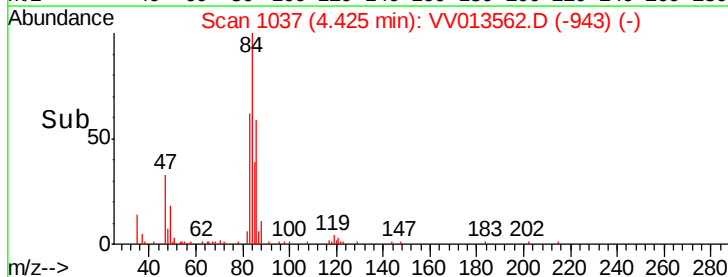
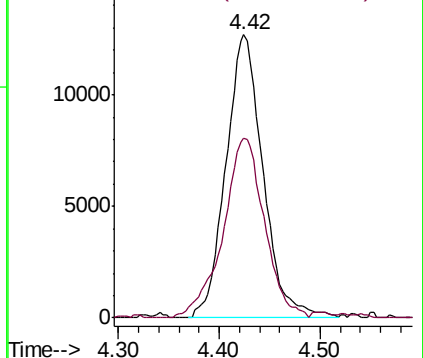
83 100

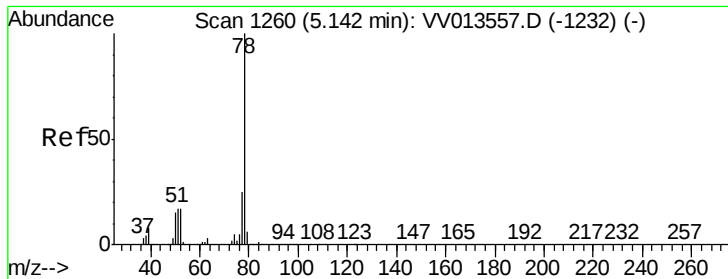
85 63.3 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 0.097 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

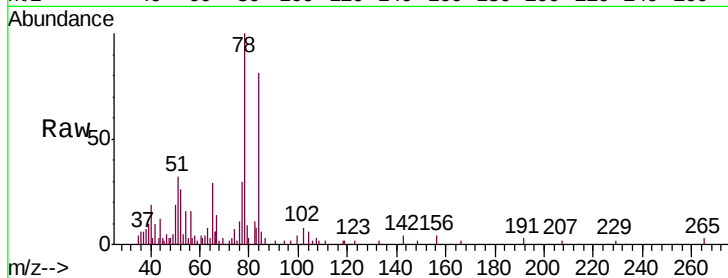
Instrument :

MSVOA_V

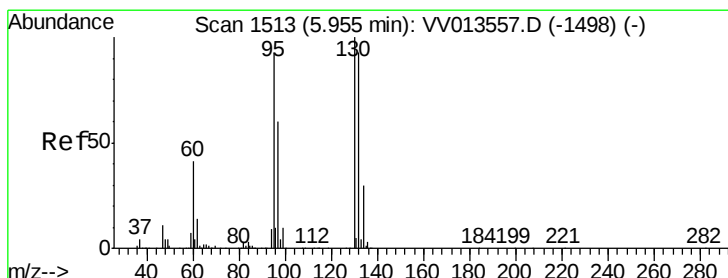
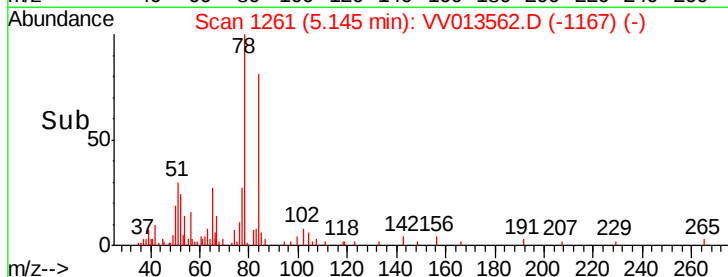
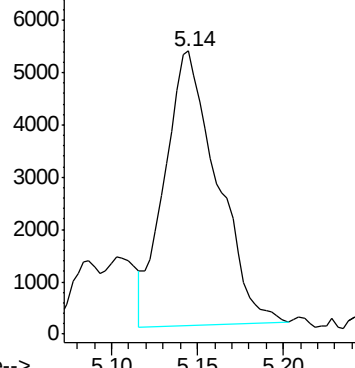
ClientSampleId :

BE9S1

Tgt Ion: 78 Resp: 11216



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.158 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Tgt Ion: 95 Resp: 4891

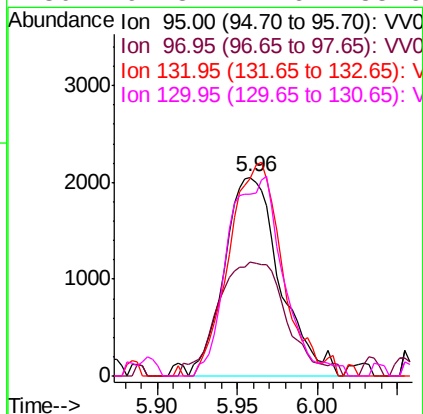
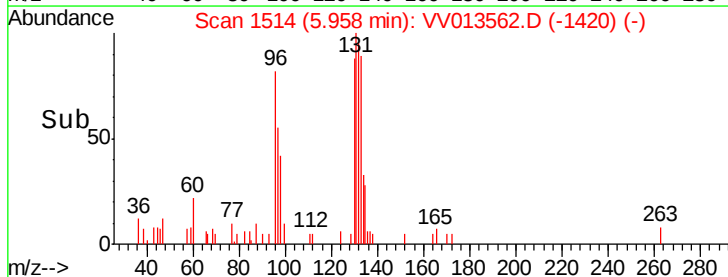
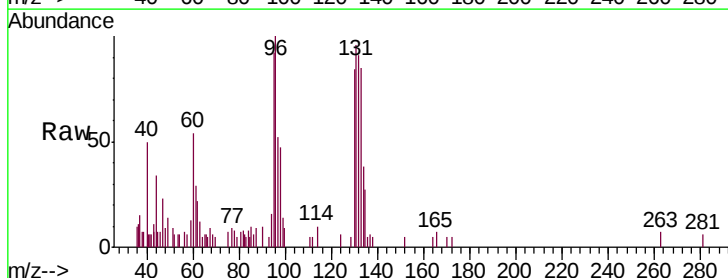
Ion	Ratio	Lower	Upper
95	100		
97	57.1	44.7	83.1
132	99.1	71.6	133.0
130	91.8	74.6	138.6

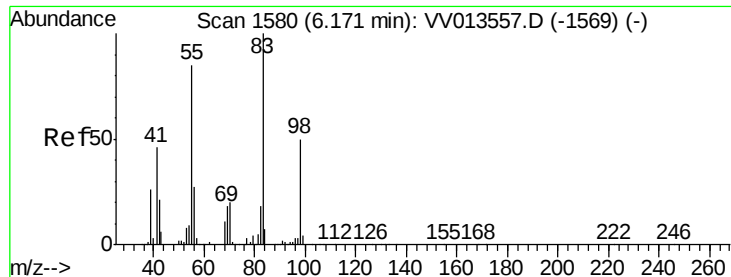
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

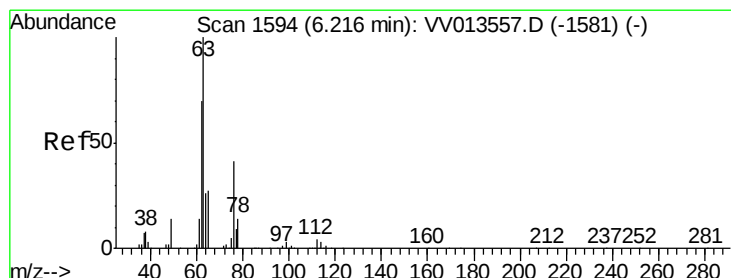
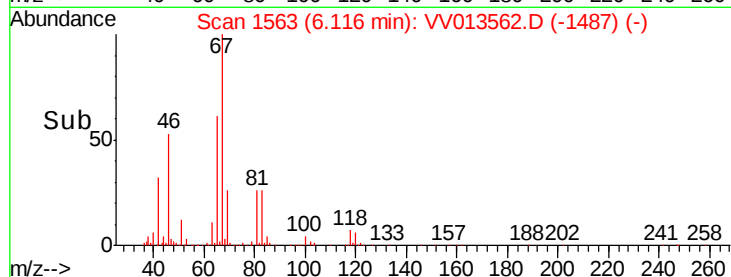
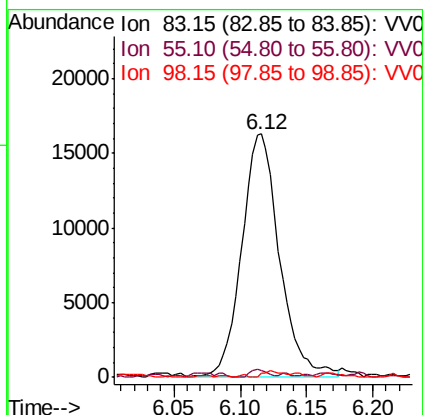
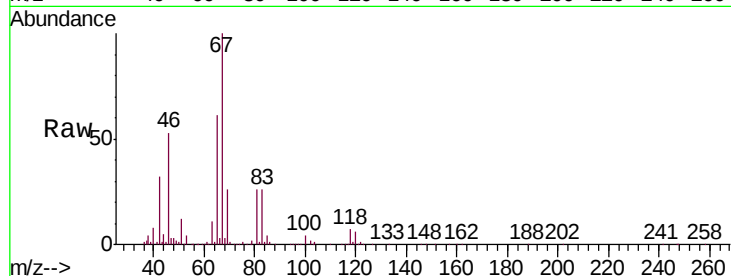




#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013562.D
Acq: 09 Nov 2019 01:21

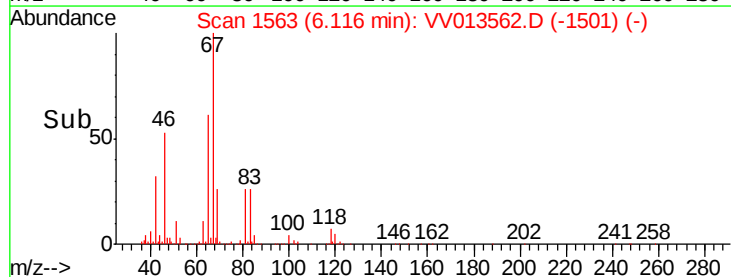
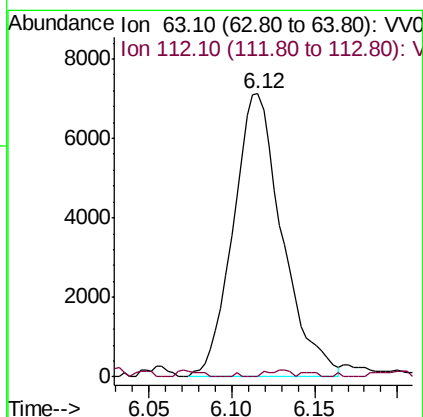
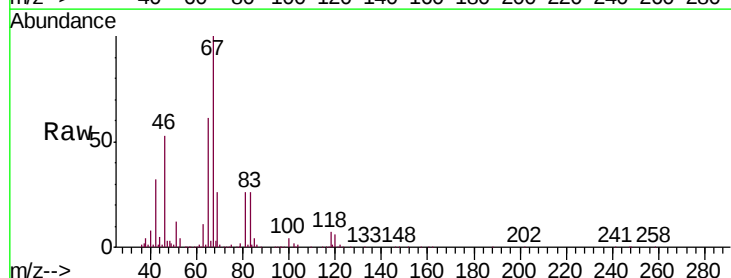
Instrument :
MSVOA_V
ClientSampleId :
BE9S1

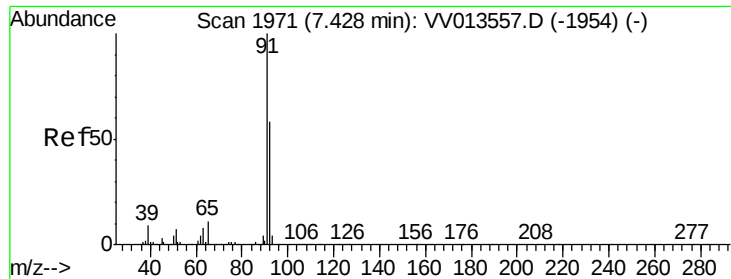
Tgt Ion: 83 Resp: 32473
Ion Ratio Lower Upper
83 100
55 1.5 63.8 95.8#
98 1.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013562.D
Acq: 09 Nov 2019 01:21

Tgt Ion: 63 Resp: 14649
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#





#42

Toluene

Concen: 0.189 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Instrument :

MSVOA_V

ClientSampleId :

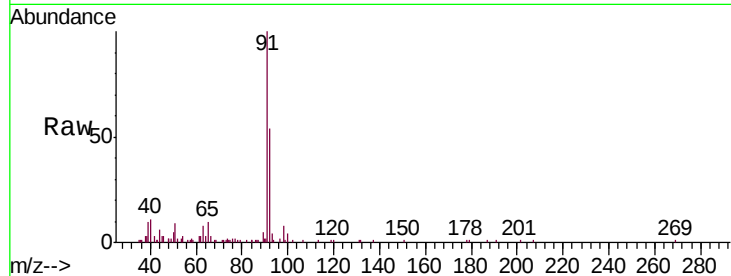
BE9S1

Tgt Ion: 91 Resp: 22565

Ion Ratio Lower Upper

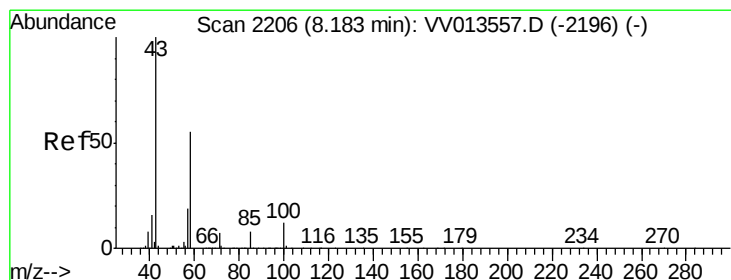
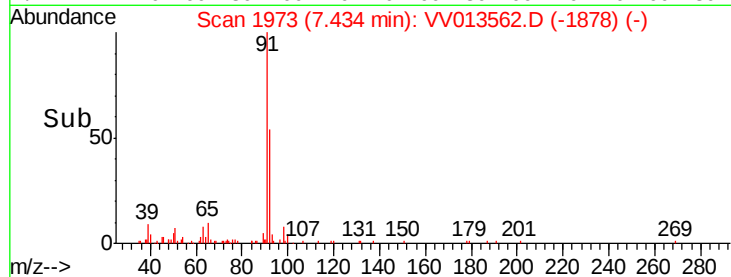
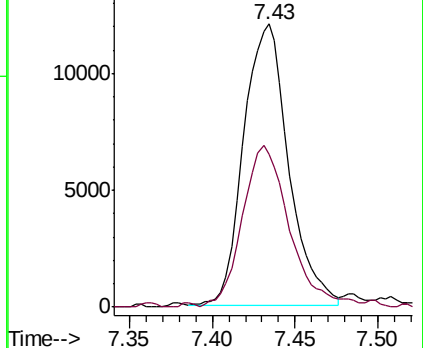
91 100

92 53.9 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV013557.D (-1954) (-)

Ion 92.15 (91.85 to 92.85): VV013557.D (-1954) (-)



#48

2-Hexanone

Concen: 2.133 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Tgt Ion: 43 Resp: 24586

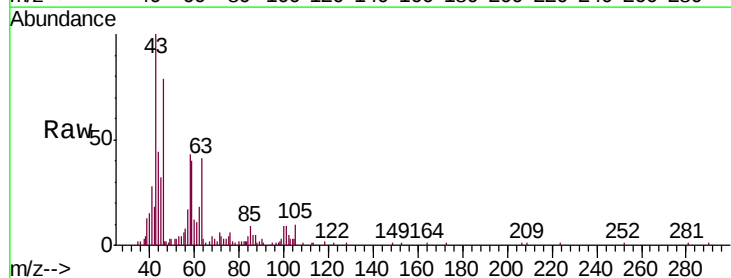
Ion Ratio Lower Upper

43 100

58 42.7 43.8 65.8#

57 12.7 15.0 22.6#

100 10.2 9.8 14.6



Abundance Ion 43.05 (42.75 to 43.75): VV013557.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV013557.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV013557.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV013557.D (-2196) (-)

