

Data File : VV010791.D
Acq On : 10 May 2019 03:18
Operator : SY/MD
Sample : K2737-01
Misc : 3.12G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB848

Quant Time: May 10 07:58:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99743	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	37069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31403	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	1.56	69	29825	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
10) 1,1-Dichloroethene-d2	2.11	63	49164	14.63	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.52%
20) 2-Butanone-d5	3.92	46	15780	33.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.88%
24) Chloroform-d	4.39	84	63148	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.07	65	40749	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.09	84	126389	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	6.11	67	41078	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	7.36	98	111249	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.36%
38) trans-1,3-Dichloropropene-	7.66	79	14703	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.60%
39) 2-Hexanone-d5	8.13	63	11290	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28727	18.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	35791	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

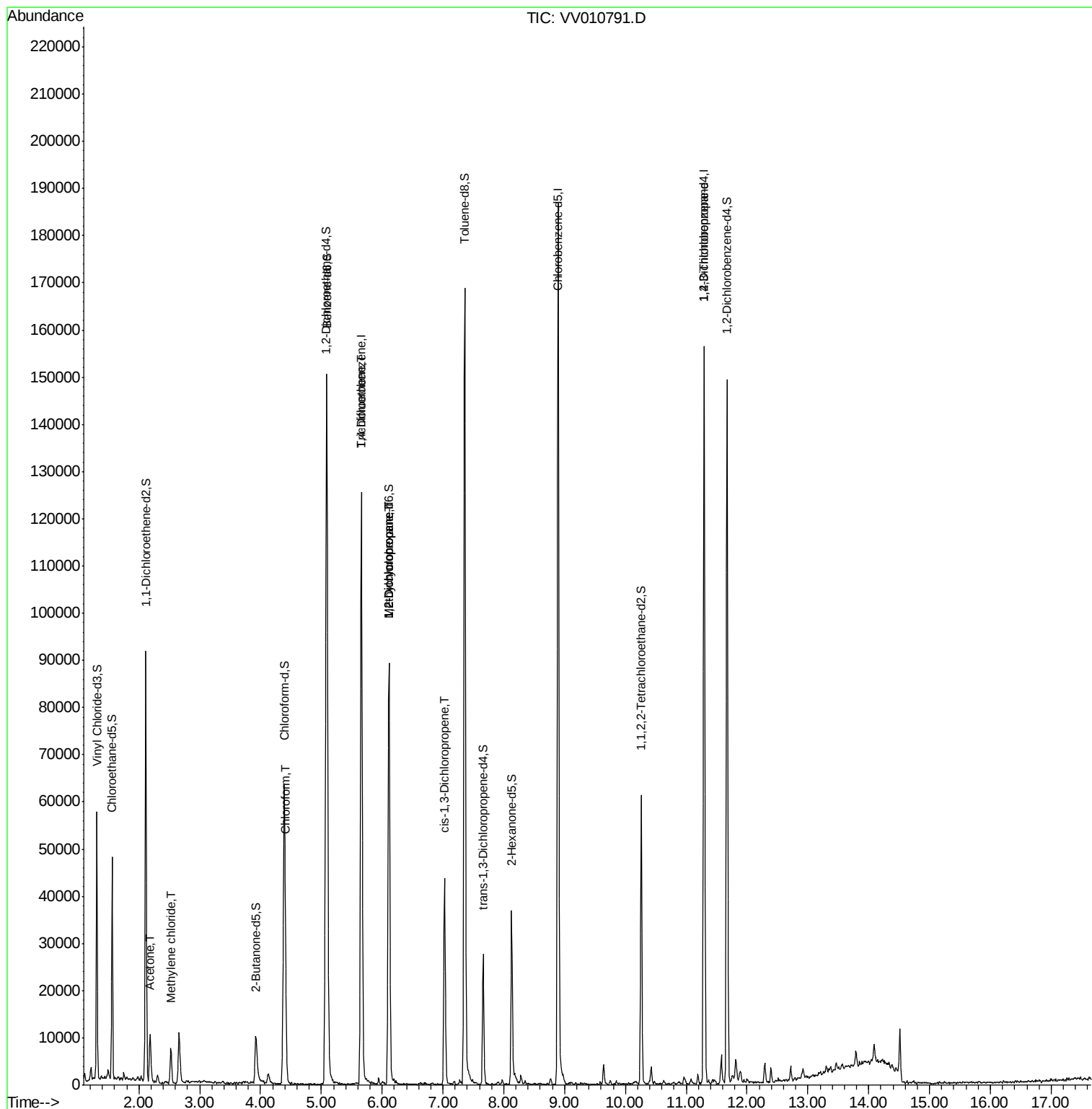
					Qvalue
13) Acetone	2.18	43	12917	17.944 ug/L	89
16) Methylene chloride	2.53	84	2876	1.865 ug/L	89
25) Chloroform	4.42	83	3076	1.019 ug/L #	68
35) Trichloroethene	5.66	95	3174	1.998 ug/L #	7
36) Methylcyclohexane	6.11	83	9324	3.662 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	4854	3.217 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1403	0.588 ug/L	95
59) 1,2,3-Trichloropropane	11.29	75	5366	4.234 ug/L #	84

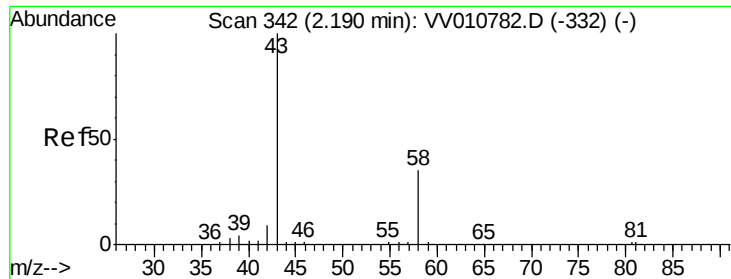
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.944 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010791.D

Acq: 10 May 2019 03:18

Instrument :

MSVOA_V

ClientSampled :

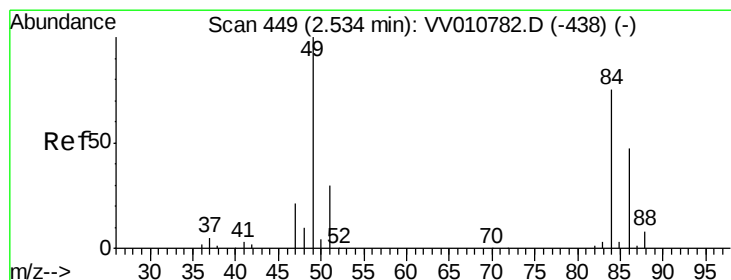
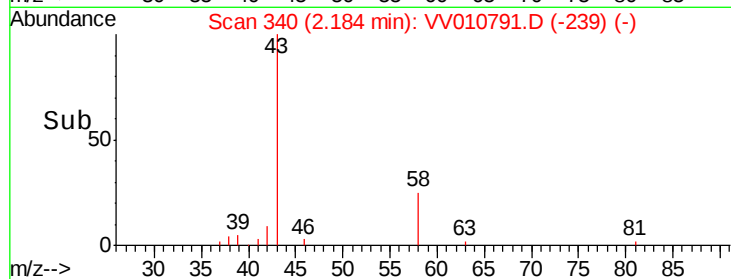
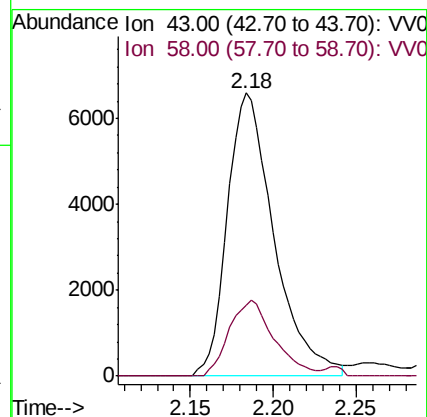
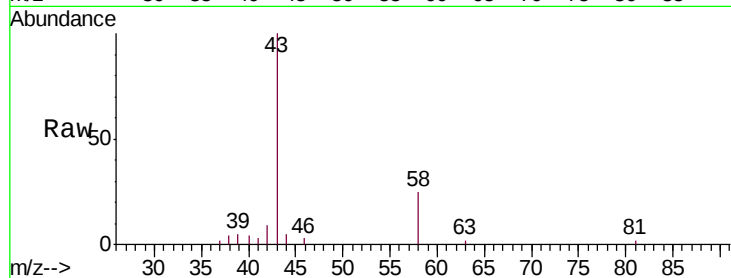
DB848

Tgt Ion: 43 Resp: 12917

Ion Ratio Lower Upper

43 100

58 25.7 0.0 63.4



#16

Methylene chloride

Concen: 1.865 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010791.D

Acq: 10 May 2019 03:18

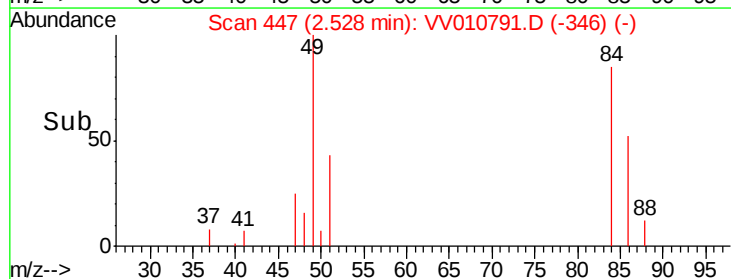
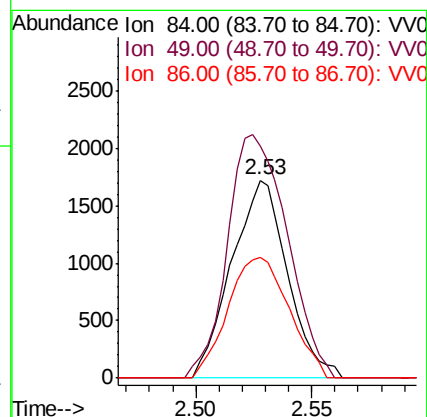
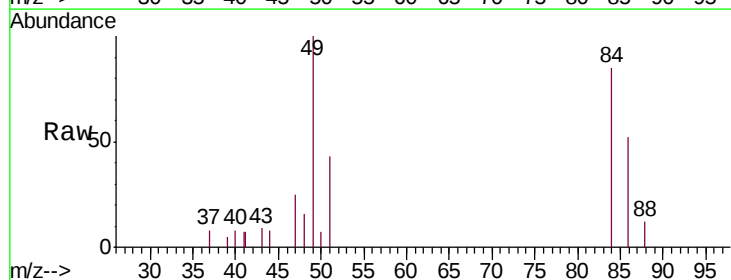
Tgt Ion: 84 Resp: 2876

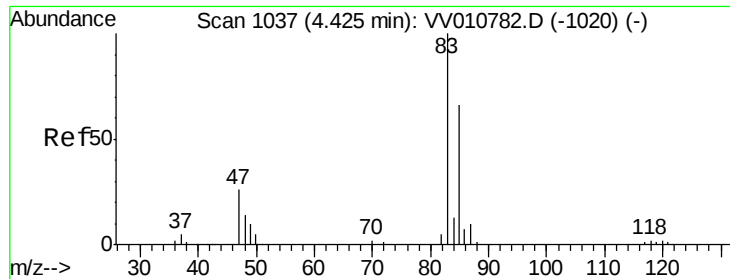
Ion Ratio Lower Upper

84 100

49 117.1 92.9 172.5

86 60.8 46.5 86.5

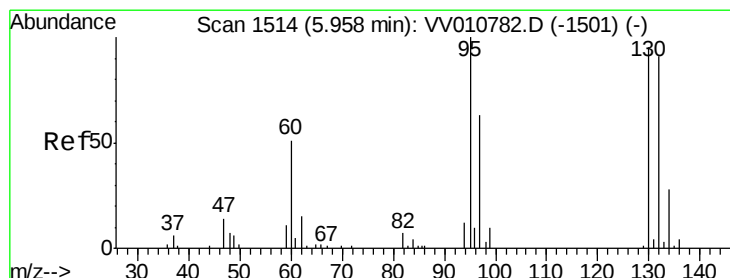
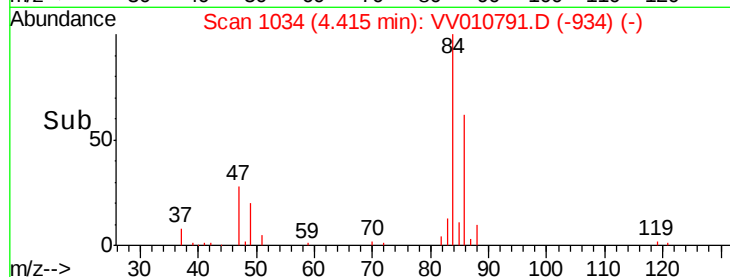
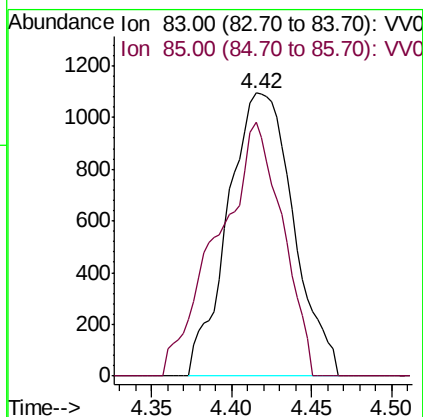
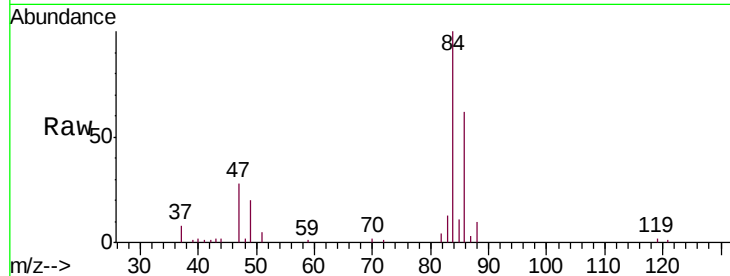




#25
Chloroform
Concen: 1.019 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
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Acq: 10 May 2019 03:18

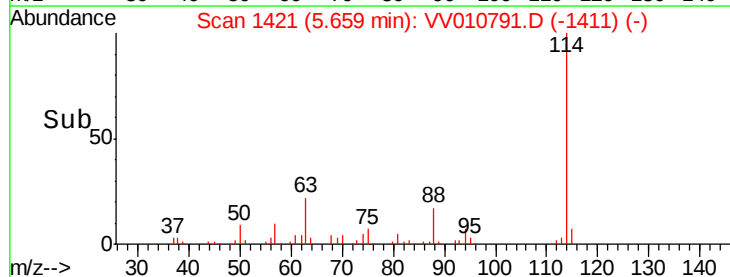
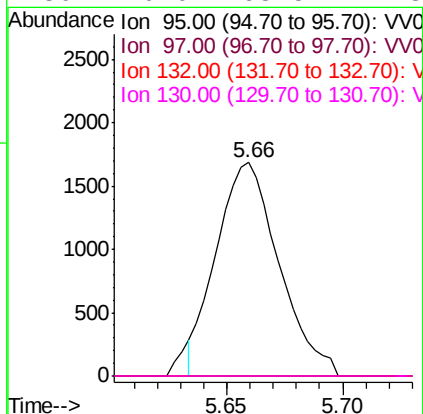
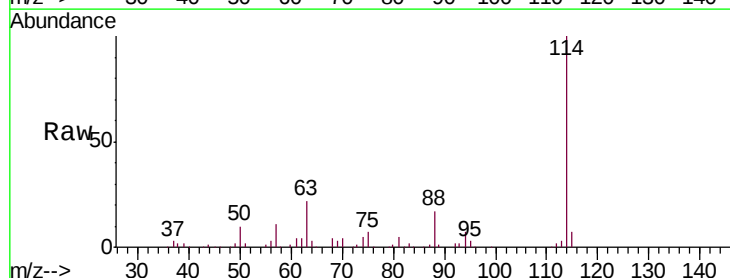
Instrument :
MSVOA_V
ClientSampleId :
DB848

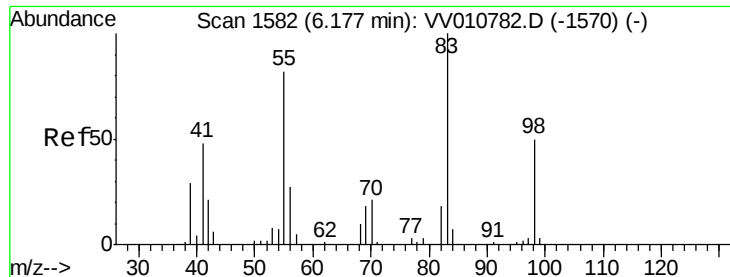
Tgt Ion: 83 Resp: 3076
Ion Ratio Lower Upper
83 100
85 88.6 44.6 82.8#



#35
Trichloroethene
Concen: 1.998 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010791.D
Acq: 10 May 2019 03:18

Tgt Ion: 95 Resp: 3174
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#

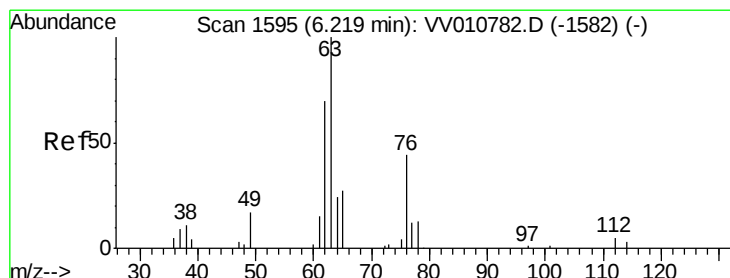
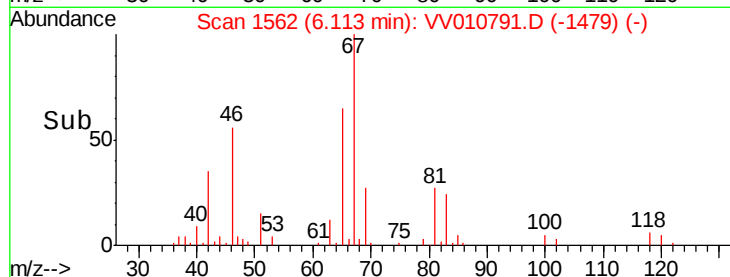
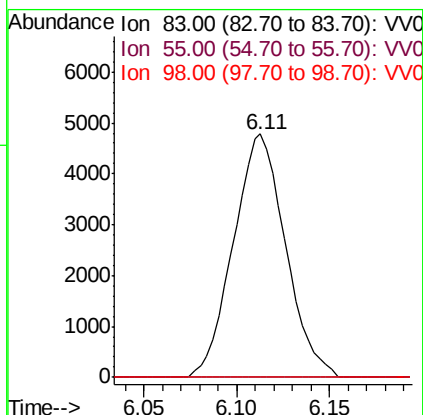
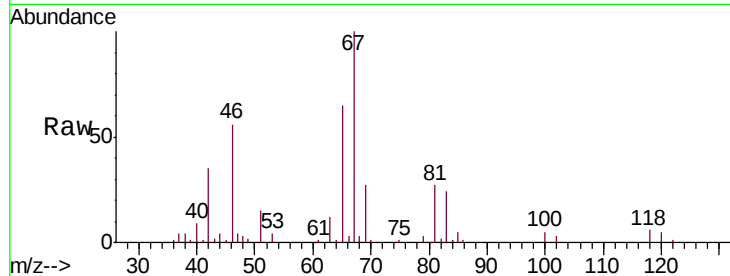




#36
Methylcyclohexane
Concen: 3.662 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010791.D
Acq: 10 May 2019 03:18

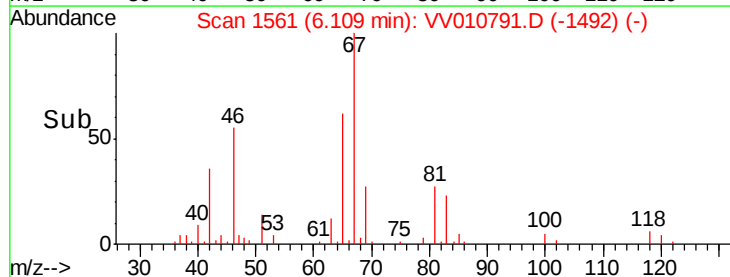
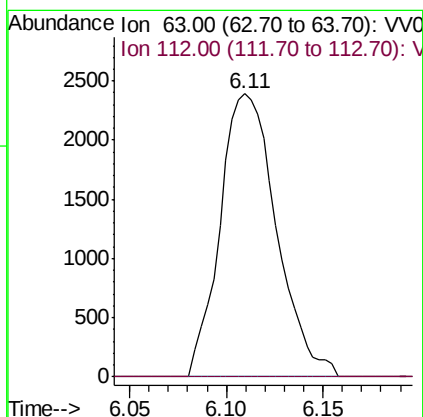
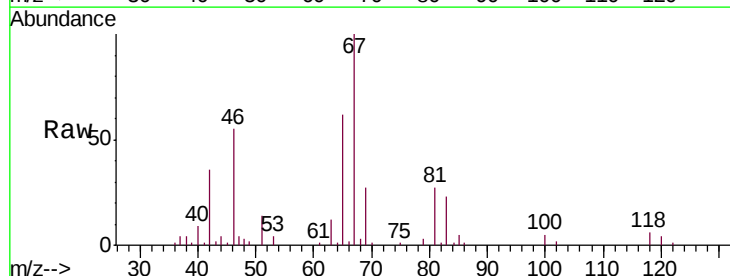
Instrument :
MSVOA_V
ClientSampled :
DB848

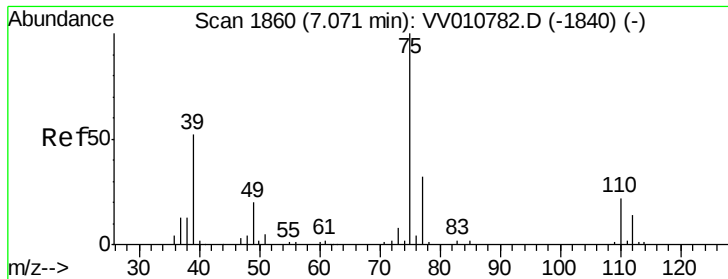
Tgt Ion: 83 Resp: 9324
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 3.5 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.217 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010791.D
Acq: 10 May 2019 03:18

Tgt Ion: 63 Resp: 4854
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



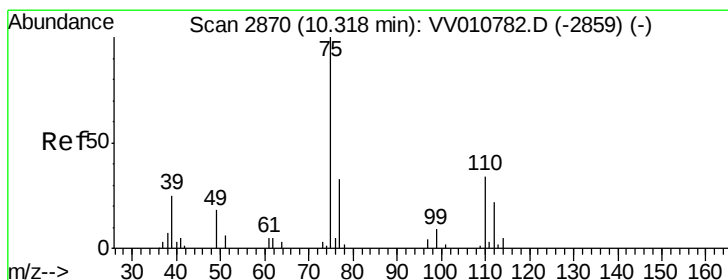
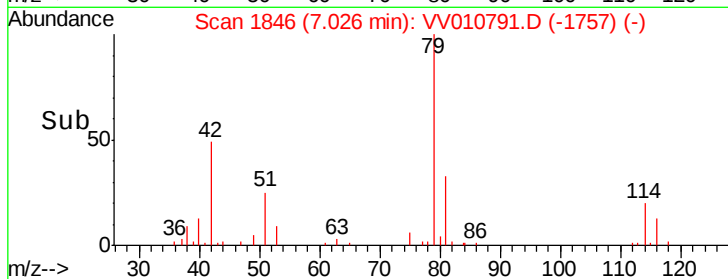
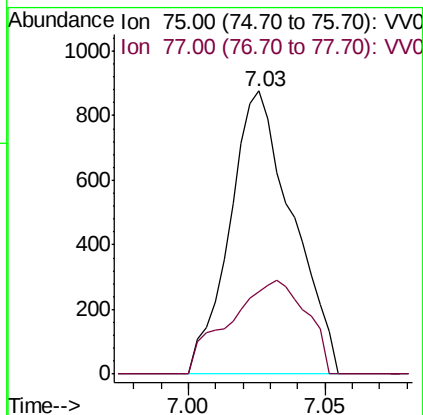
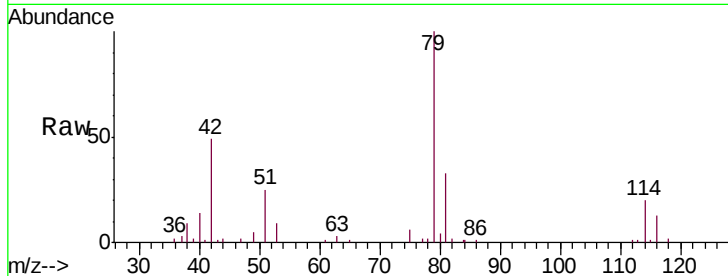


#42

cis-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010791.D
Acq: 10 May 2019 03:18

Instrument :
MSVOA_V
ClientSampleId :
DB848

Tgt Ion: 75 Resp: 1403
Ion Ratio Lower Upper
75 100
77 29.2 22.3 41.3



#59

1,2,3-Trichloropropane
Concen: 4.234 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010791.D
Acq: 10 May 2019 03:18

Tgt Ion: 75 Resp: 5366
Ion Ratio Lower Upper
75 100
77 40.0 25.0 37.6#

