

Data File : VV010803.D
Acq On : 10 May 2019 08:51
Operator : SY/MD
Sample : K2737-07
Misc : 4.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB857

Quant Time: May 10 22:55:04 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	96278	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29675	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
7) Chloroethane-d5	1.56	69	29357	23.85	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	2.12	63	39130	12.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.24%
20) 2-Butanone-d5	3.92	46	16568	36.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.84%
24) Chloroform-d	4.39	84	59222	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.07	65	40063	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.76%
29) Benzene-d6	5.09	84	126309	26.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.68%
33) 1,2-Dichloropropane-d6	6.11	67	41459	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.84%
37) Toluene-d8	7.36	98	110767	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	7.66	79	14965	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	8.13	63	12070	37.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30879	21.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	33329	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

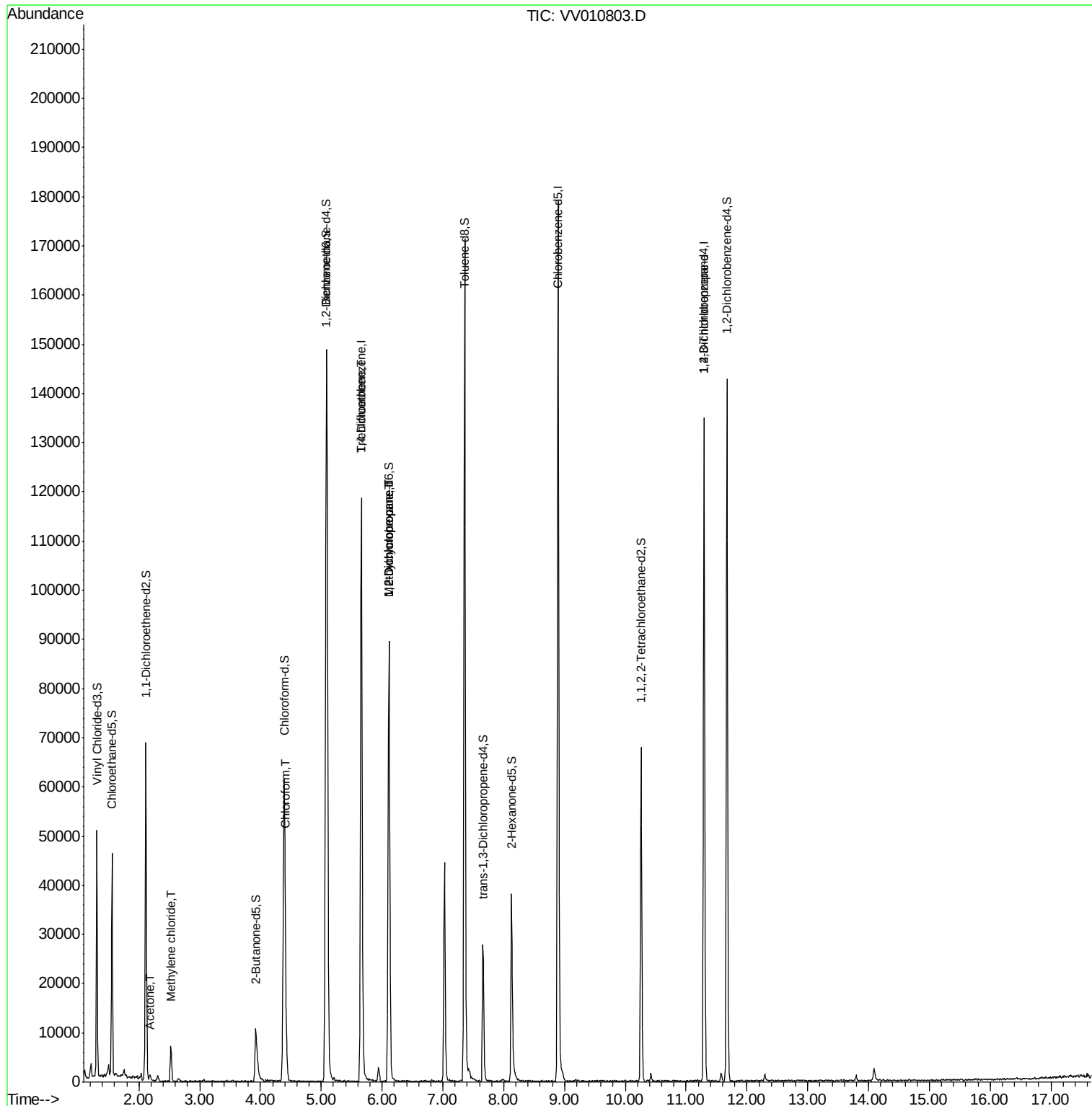
					Qvalue
13) Acetone	2.19	43	1092	1.572 ug/L	88
16) Methylene chloride	2.53	84	2827	1.899 ug/L	96
25) Chloroform	4.41	83	5080	1.743 ug/L	85
35) Trichloroethene	5.66	95	3017	2.001 ug/L #	7
36) Methylcyclohexane	6.11	83	10144	4.198 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	4966	3.468 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4779	3.973 ug/L	95

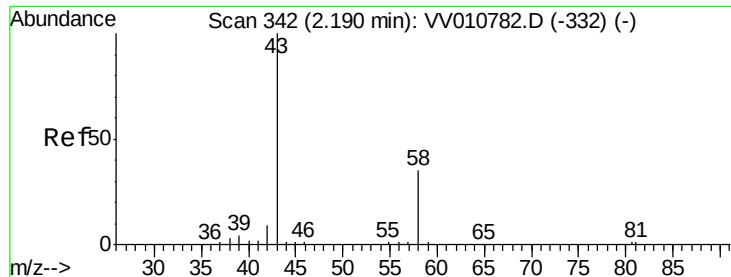
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.572 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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ClientSampleId :

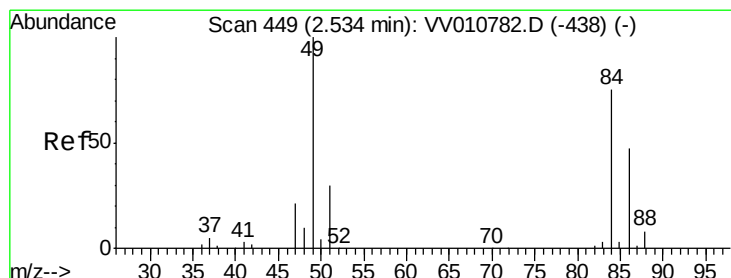
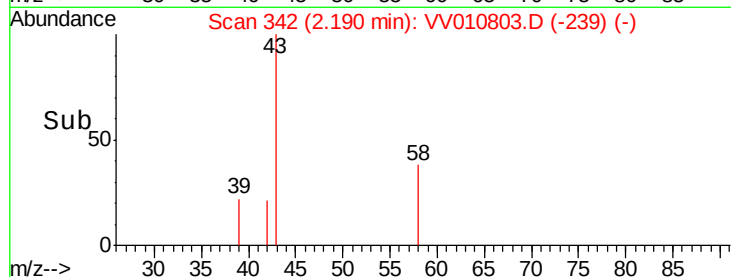
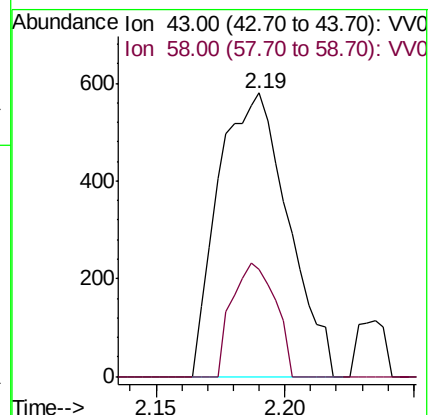
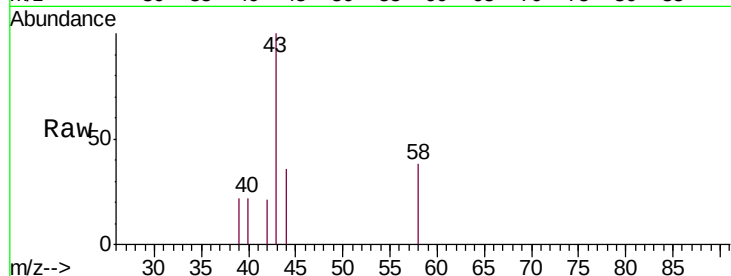
DB857

Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

43 100

58 24.9 0.0 63.4



#16

Methylene chloride

Concen: 1.899 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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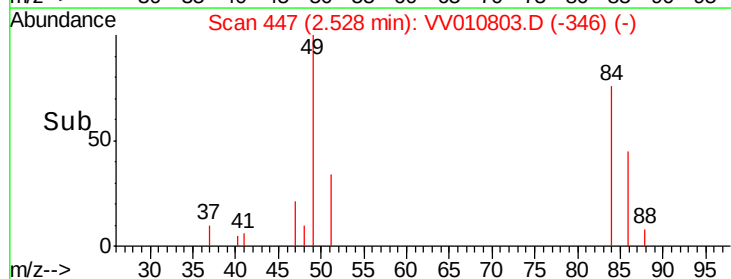
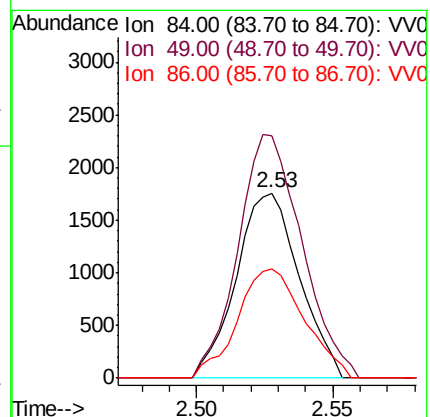
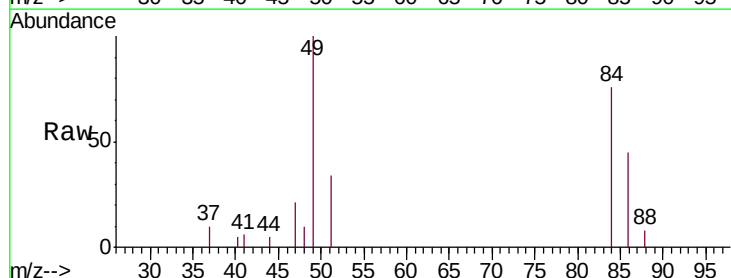
Tgt Ion: 84 Resp: 2827

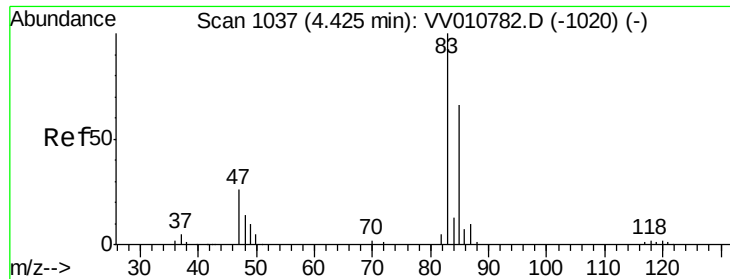
Ion Ratio Lower Upper

84 100

49 130.9 92.9 172.5

86 59.0 46.5 86.5

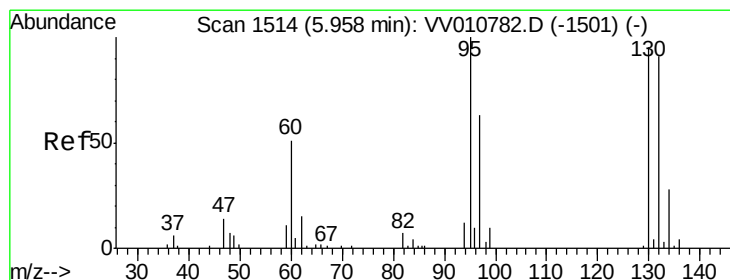
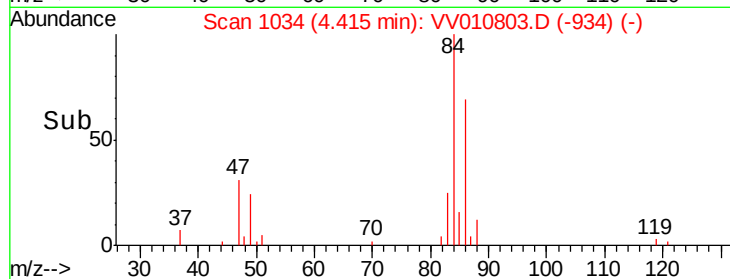
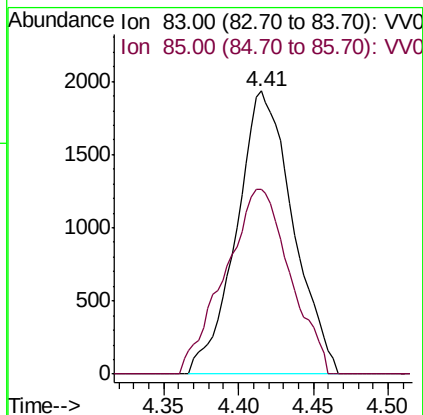
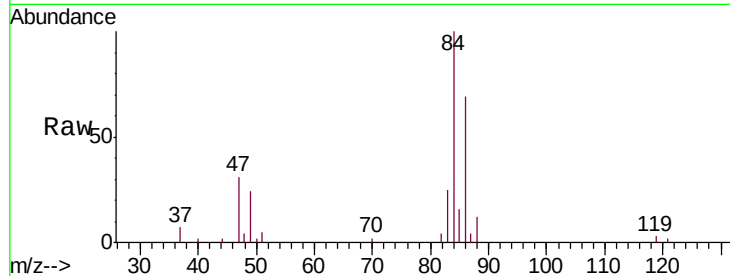




#25
Chloroform
Concen: 1.743 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
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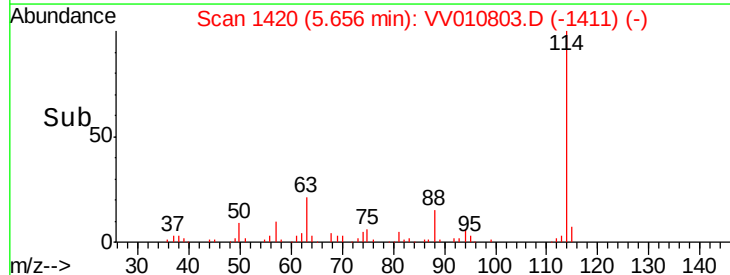
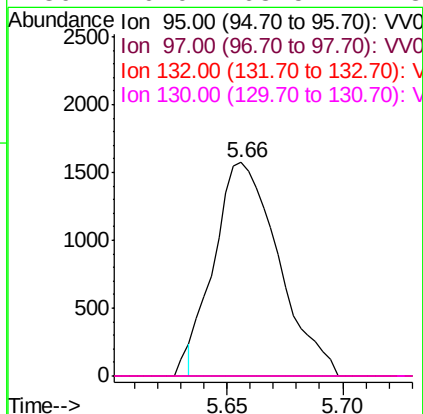
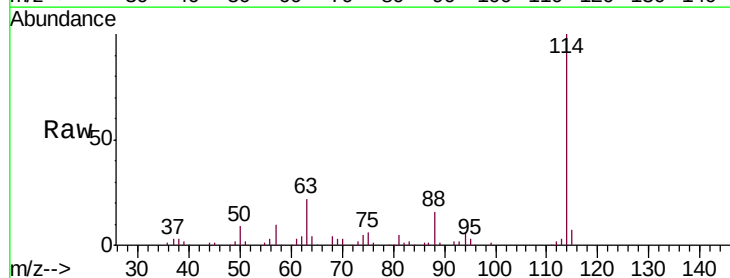
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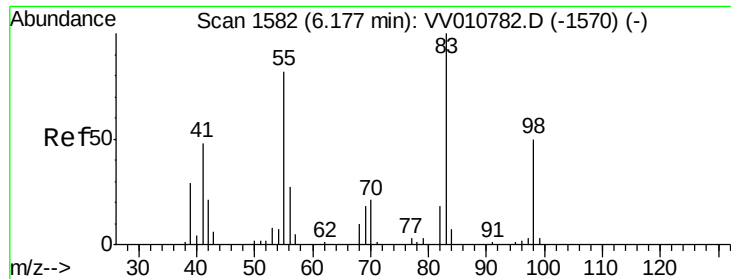
Tgt Ion: 83 Resp: 5080
Ion Ratio Lower Upper
83 100
85 75.1 44.6 82.8



#35
Trichloroethene
Concen: 2.001 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
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Tgt Ion: 95 Resp: 3017
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#

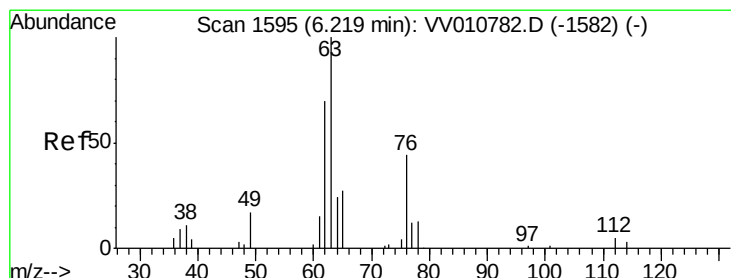
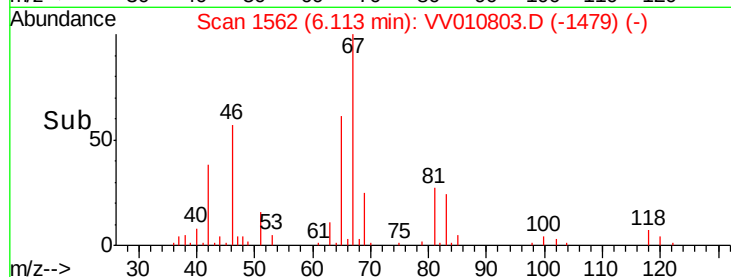
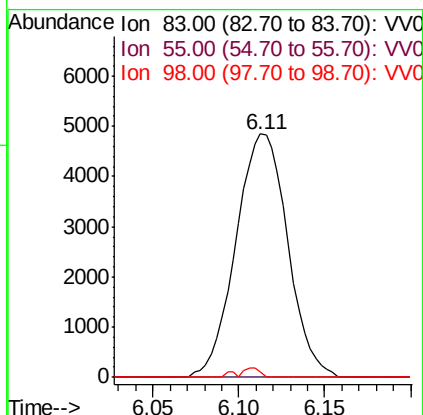
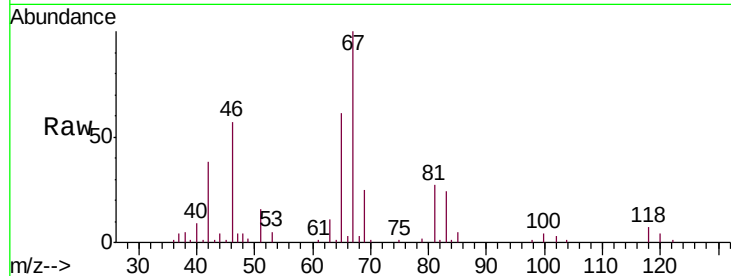




#36
Methylcyclohexane
Concen: 4.198 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010803.D
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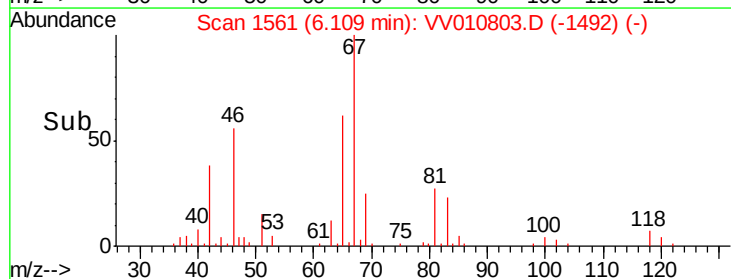
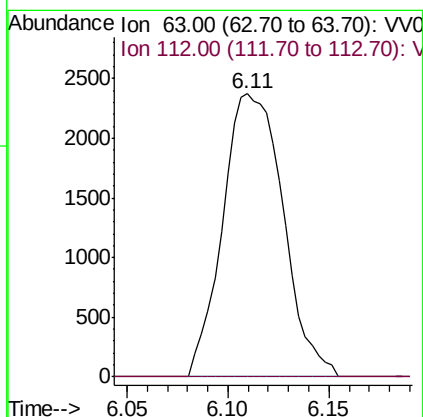
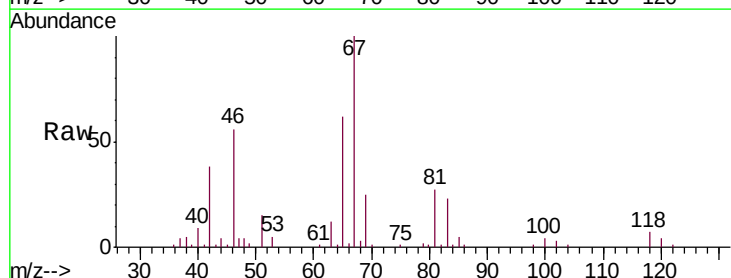
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MSVOA_V
ClientSampleId :
DB857

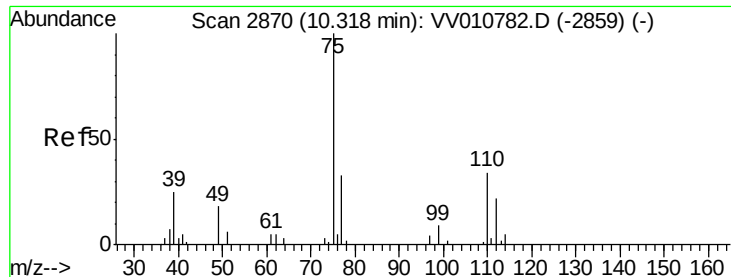
Tgt Ion: 83 Resp: 10144
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 1.1 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.468 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010803.D
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Tgt Ion: 63 Resp: 4966
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 3.973 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010803.D

Acq: 10 May 2019 08:51

Instrument :

MSVOA_V

ClientSampleId :

DB857

Tgt Ion: 75 Resp: 4779

Ion Ratio Lower Upper

75 100

77 34.0 25.0 37.6

