

Data File : VV009673.D
Acq On : 14 Mar 2019 18:31
Operator : SY/MD
Sample : K1885-10
Misc : 5.73G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF194

Quant Time: Mar 15 04:34:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118358	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116410	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32888	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	1.57	69	32564	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
10) 1,1-Dichloroethene-d2	2.13	63	66808	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	3.93	46	22845	57.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.26%
24) Chloroform-d	4.40	84	63646	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.08	65	43896	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	138354	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	6.12	67	42490	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	7.36	98	131022	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.72%
38) trans-1,3-Dichloropropene-	7.67	79	18149	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	8.13	63	16948	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43489	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	45083	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

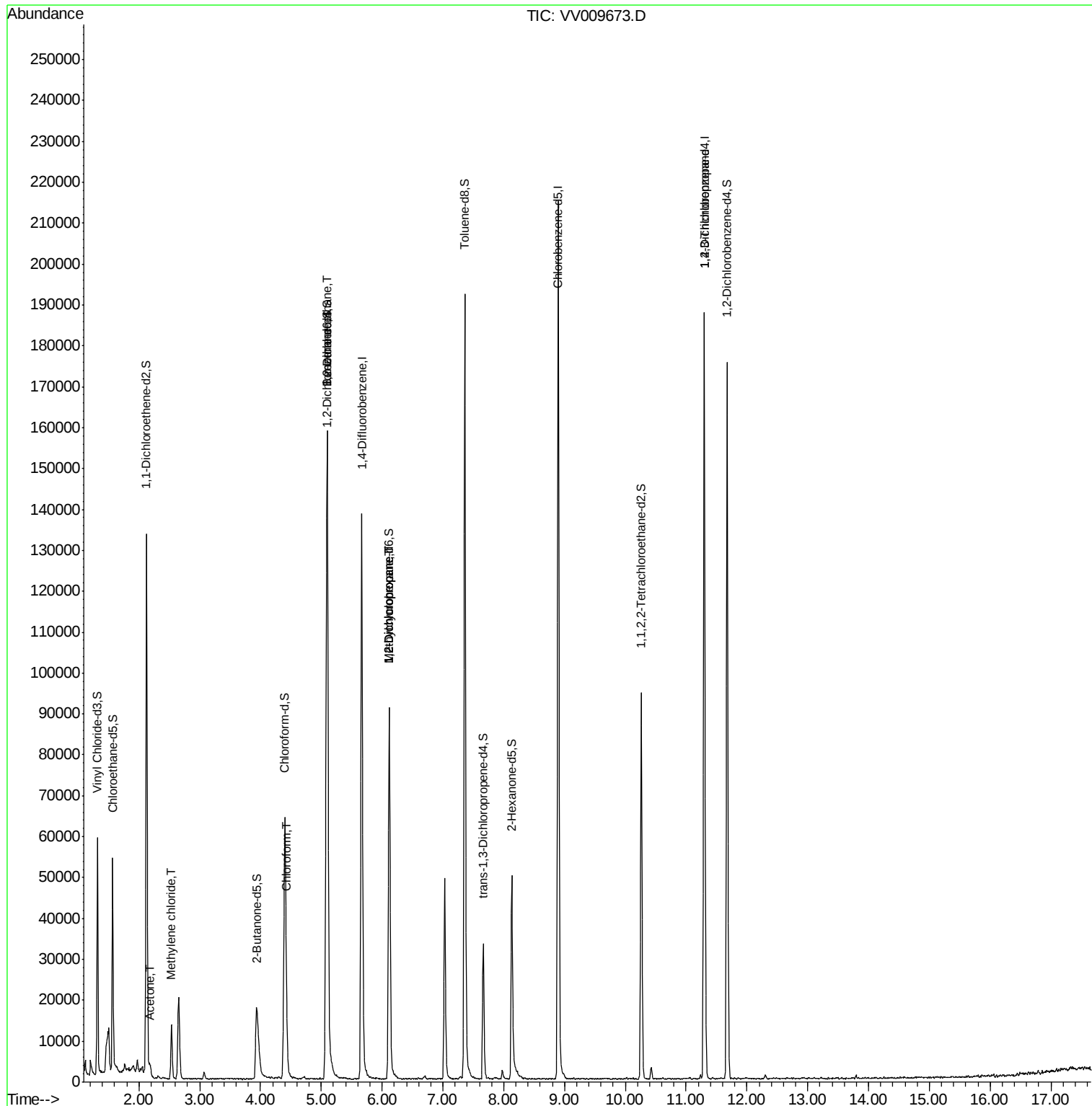
					Qvalue
13) Acetone	2.19	43	1855	3.882 ug/L	90
16) Methylene chloride	2.53	84	5769	3.348 ug/L	92
25) Chloroform	4.43	83	6734	2.190 ug/L	94
27) 1,2-Dichloroethane	5.10	62	708	0.333 ug/L #	75
36) Methylcyclohexane	6.12	83	10348	3.401 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	5059	3.155 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	7233	5.800 ug/L	90

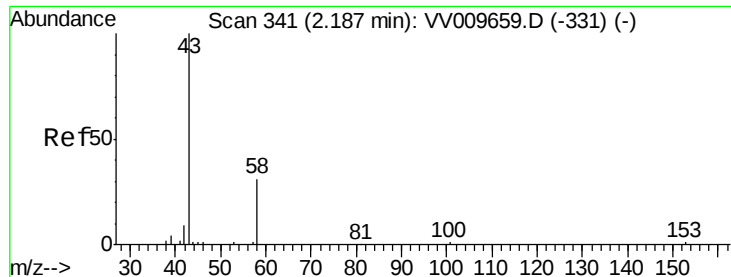
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.882 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV009673.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_V

ClientSampled :

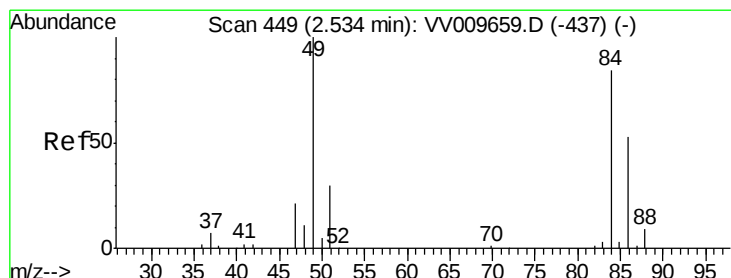
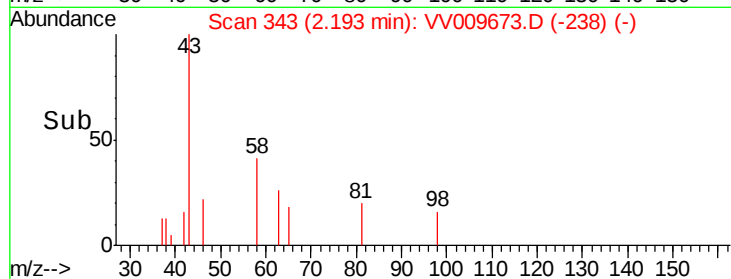
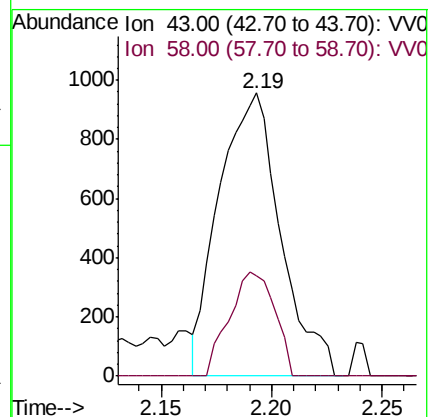
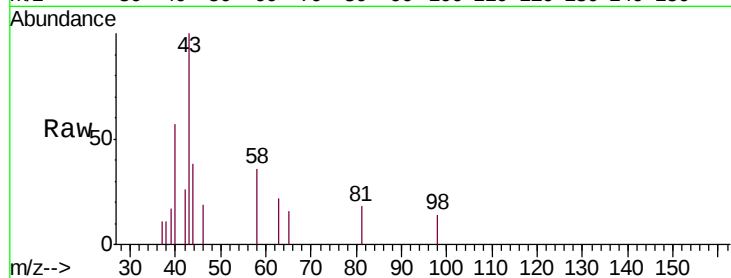
BF194

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 27.1 0.0 64.8



#16

Methylene chloride

Concen: 3.348 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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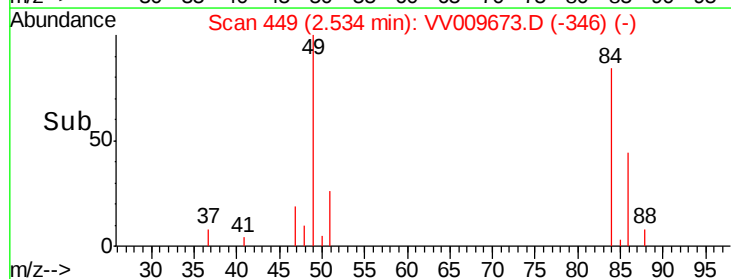
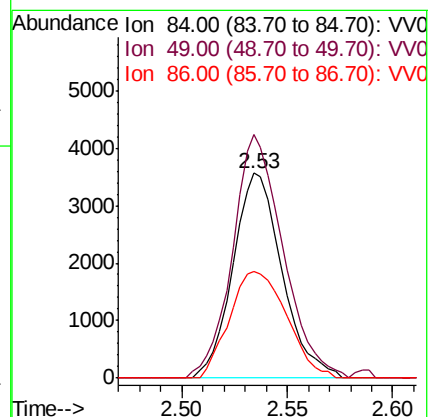
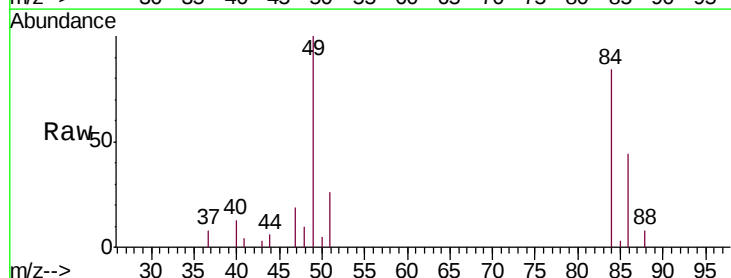
Tgt Ion: 84 Resp: 5769

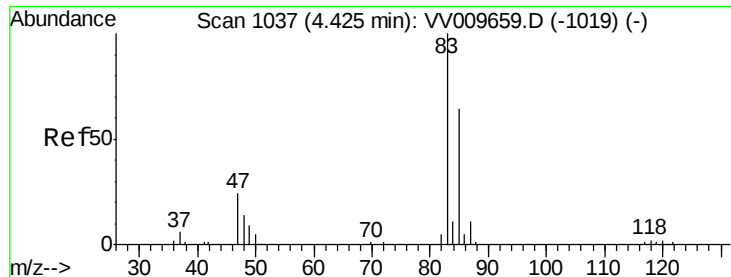
Ion Ratio Lower Upper

84 100

49 118.9 86.1 159.9

86 52.1 45.2 84.0

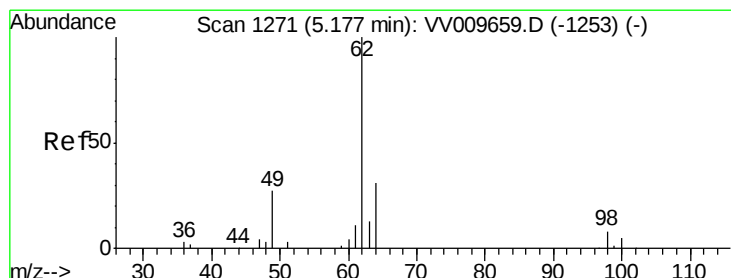
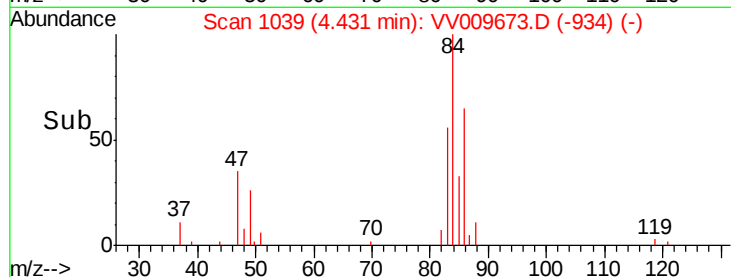
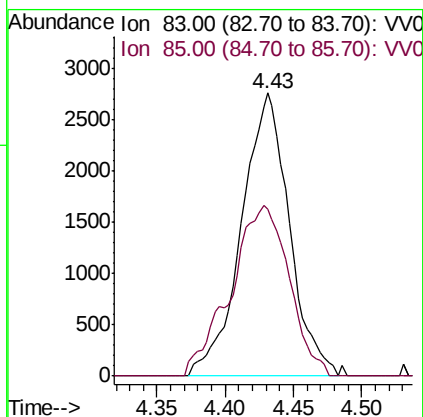
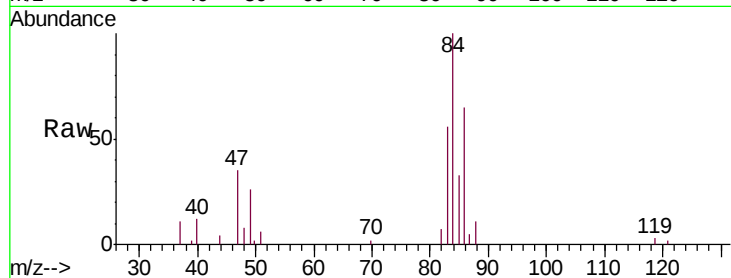




#25
Chloroform
Concen: 2.190 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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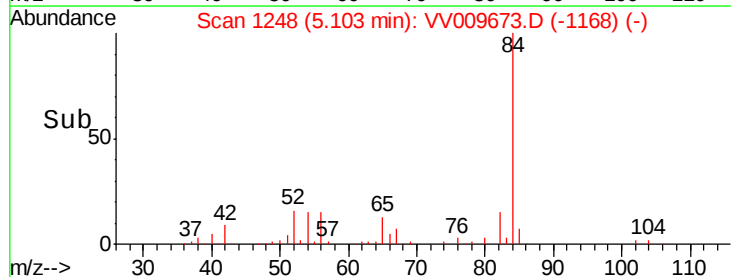
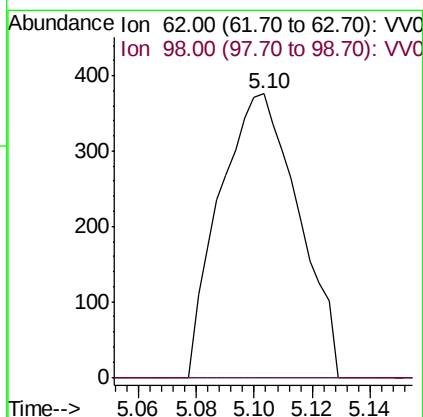
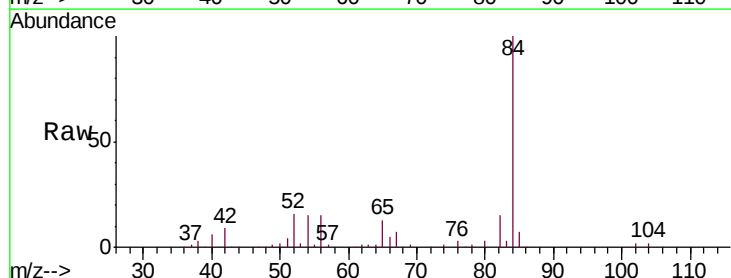
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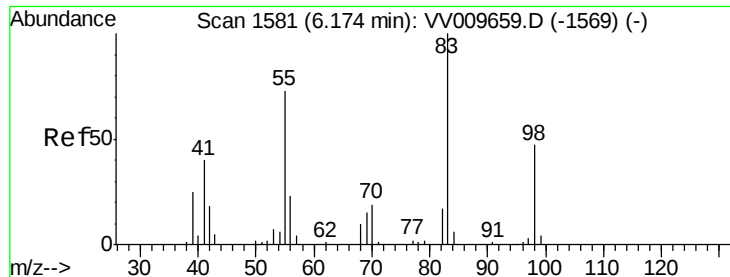
Tgt Ion: 83 Resp: 6734
Ion Ratio Lower Upper
83 100
85 61.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.333 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV009673.D
Acq: 14 Mar 2019 18:31

Tgt Ion: 62 Resp: 708
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

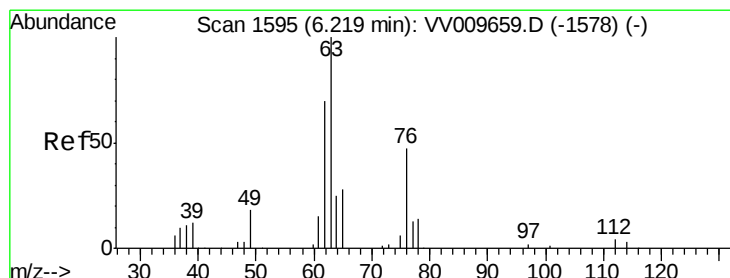
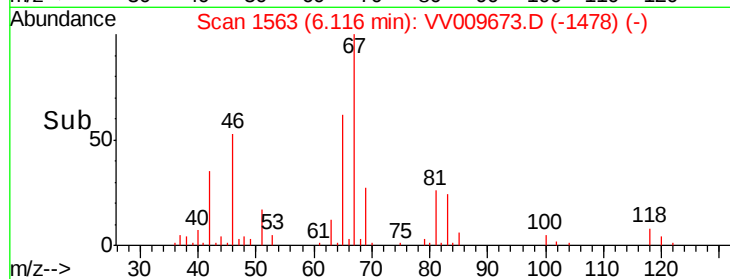
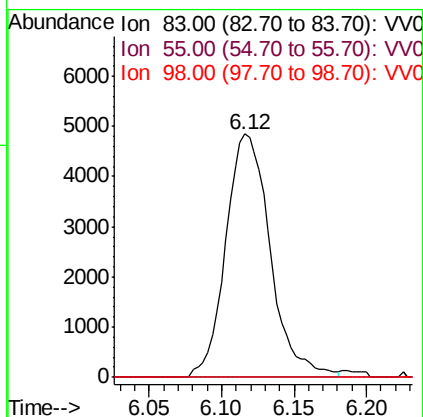
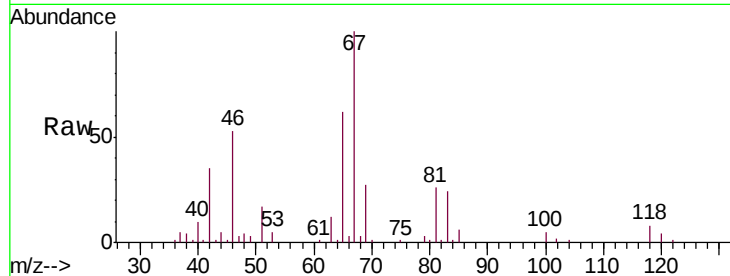




#36
Methylcyclohexane
Concen: 3.401 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009673.D
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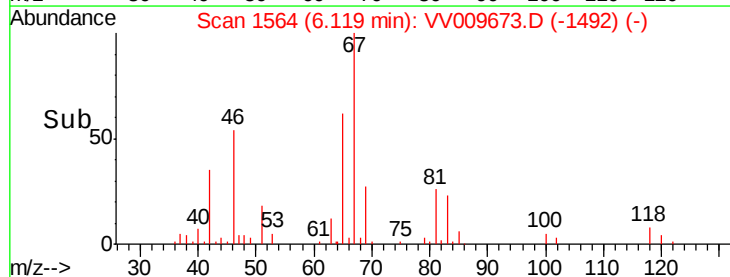
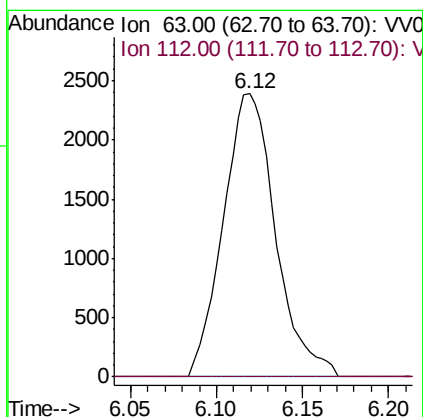
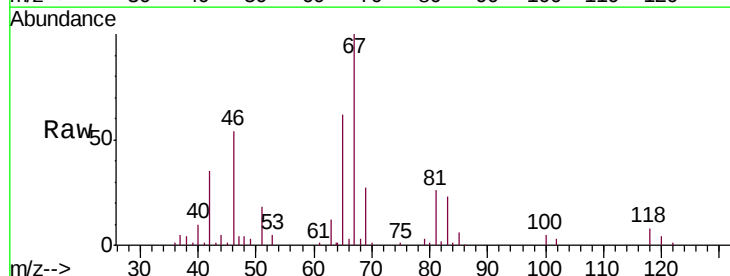
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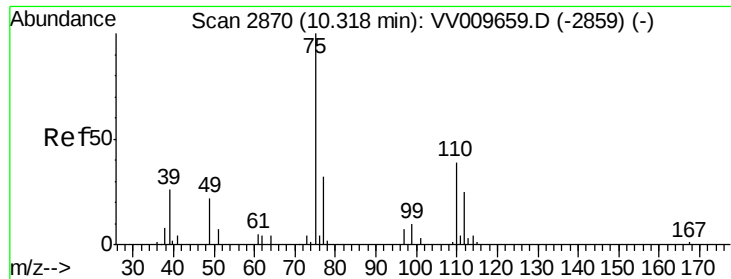
Tgt Ion: 83 Resp: 10348
Ion Ratio Lower Upper
83 100
55 0.0 57.4 86.0#
98 0.0 37.1 55.7#



#40
1,2-Dichloropropane
Concen: 3.155 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009673.D
Acq: 14 Mar 2019 18:31

Tgt Ion: 63 Resp: 5059
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 5.800 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009673.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_V

ClientSampleId :

BF194

Tgt Ion: 75 Resp: 7233

Ion Ratio Lower Upper

75 100

77 37.0 25.3 37.9

