

Data File : VV010719.D
Acq On : 08 May 2019 09:12
Operator : SY/MD
Sample : K2690-21
Misc : 5.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5167

Quant Time: May 09 02:27:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:24:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8950	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	7360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1875	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2912	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
7) Chloroethane-d5	1.57	69	3012	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.28%
10) 1,1-Dichloroethene-d2	2.13	63	4098	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	3.93	46	781	18.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.44%
24) Chloroform-d	4.40	84	5510	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.08	65	3682	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	5.10	84	10236	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	6.11	67	3202	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	7.36	98	8831	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	7.66	79	459	8.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	32.64%
39) 2-Hexanone-d5	8.14	63	1036	40.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2993	25.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	1895	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

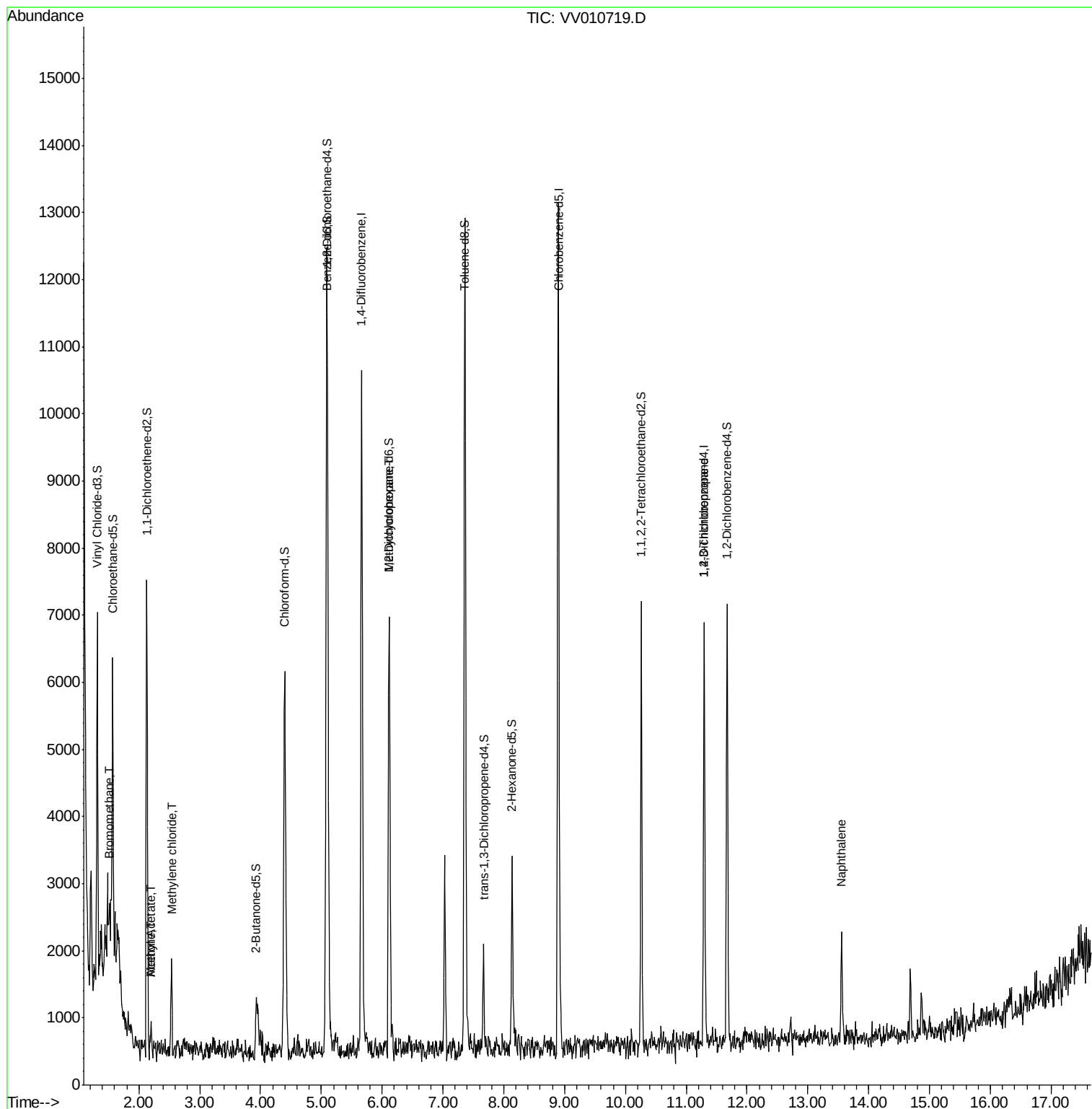
					Qvalue
6) Bromomethane	1.52	94	161	1.896 ug/L	47
13) Acetone	2.19	43	488	7.555 ug/L #	43
15) Methyl Acetate	2.19	43	488	6.324 ug/L #	55
16) Methylene chloride	2.53	84	601	4.343 ug/L #	78
36) Methylcyclohexane	6.12	83	439	2.263 ug/L #	17
59) 1,2,3-Trichloropropane	11.29	75	233	2.413 ug/L #	43
69) Naphthalene	13.55	128	1712	10.995 ug/L	96

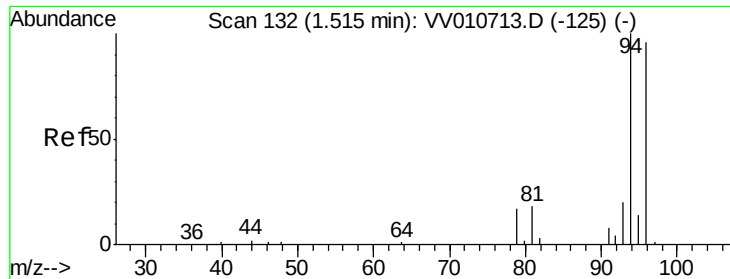
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.896 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.01 min

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Acq: 08 May 2019 09:12

Instrument :

MSVOA_V

ClientSampleId :

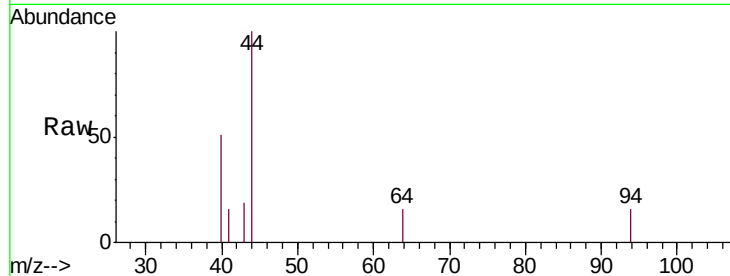
A5167

Tgt Ion: 94 Resp: 161

Ion Ratio Lower Upper

94 100

96 42.9 9.4 179.0



Abundance Ion 94.00 (93.70 to 94.70): VV010719.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010719.D (-125) (-)

1.52

150

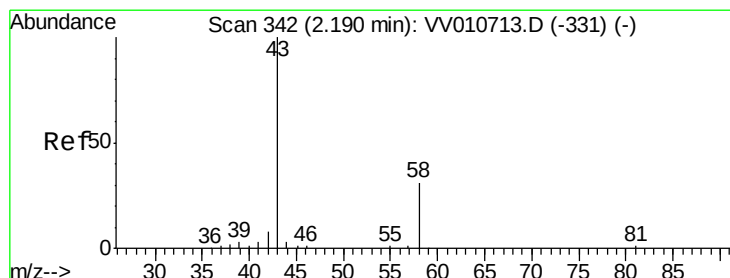
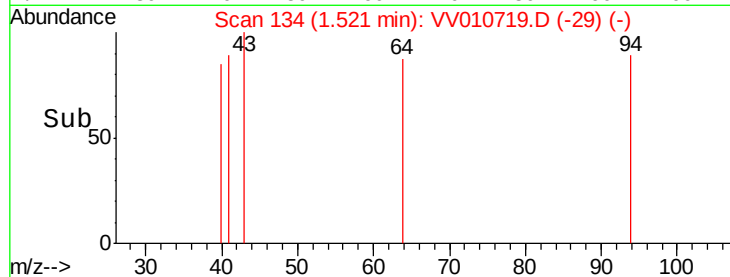
100

50

0

1.50 1.51 1.52 1.53

Time-->



#13

Acetone

Concen: 7.555 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV010719.D

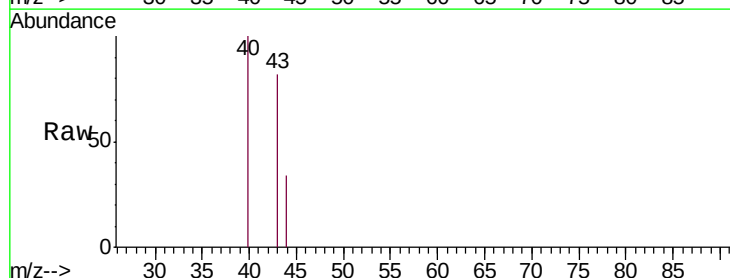
Acq: 08 May 2019 09:12

Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010719.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010719.D (-331) (-)

2.19

400

300

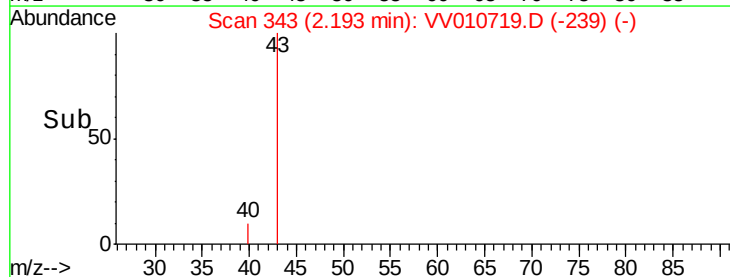
200

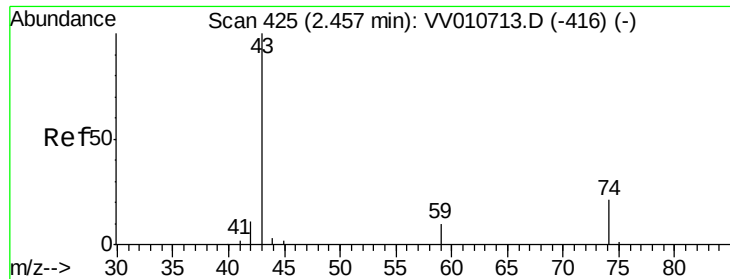
100

0

2.16 2.18 2.20 2.22

Time-->

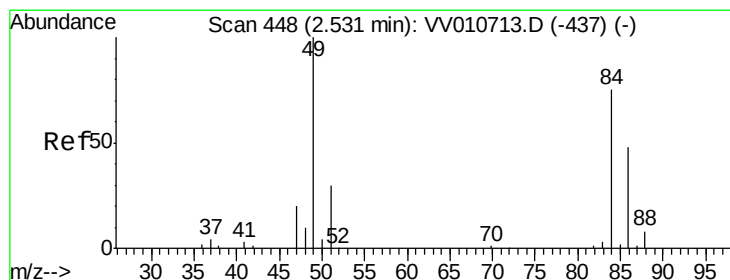
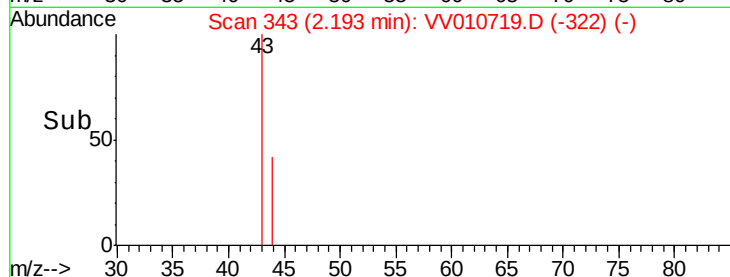
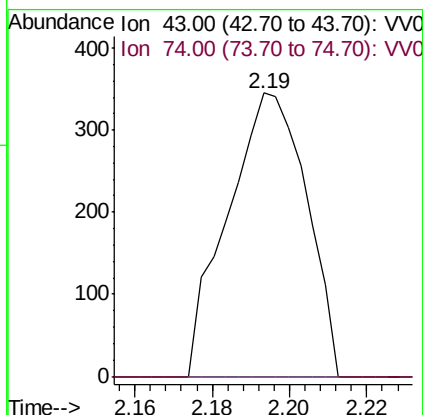
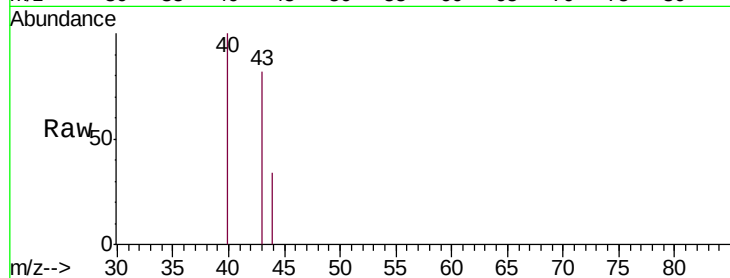




#15
Methyl Acetate
Concen: 6.324 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.26 min
Lab File: VV010719.D
Acq: 08 May 2019 09:12

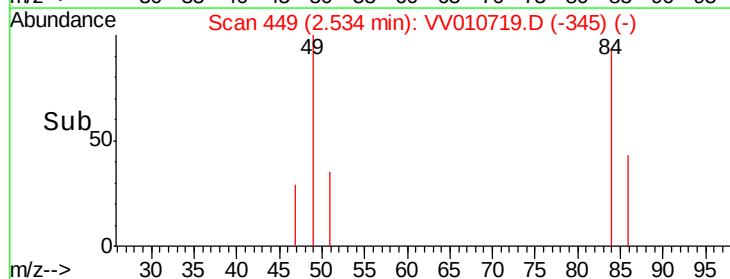
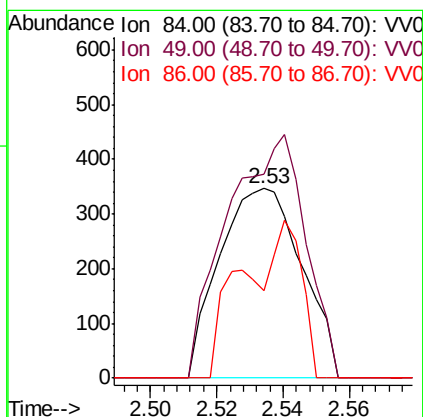
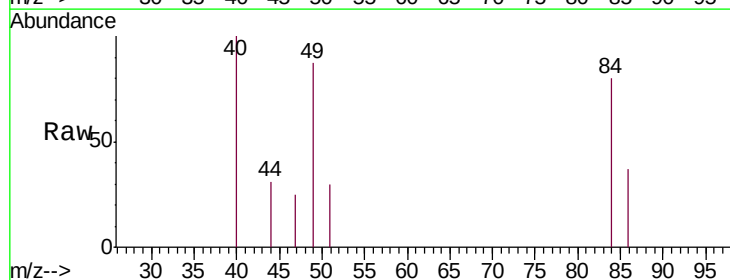
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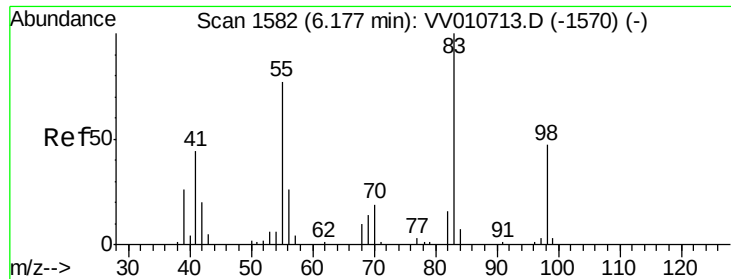
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#16
Methylene chloride
Concen: 4.343 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010719.D
Acq: 08 May 2019 09:12

Tgt Ion: 84 Resp: 601
Ion Ratio Lower Upper
84 100
49 107.8 92.9 172.5
86 46.4 46.5 86.5#

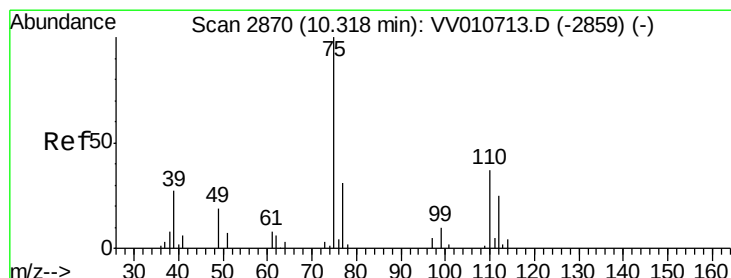
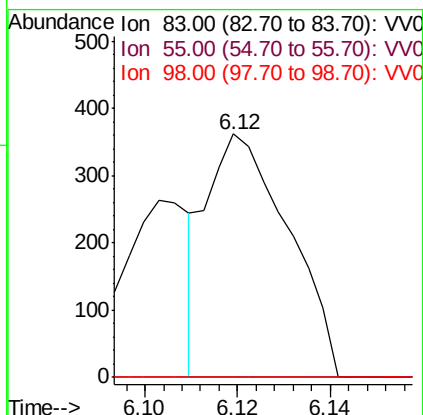
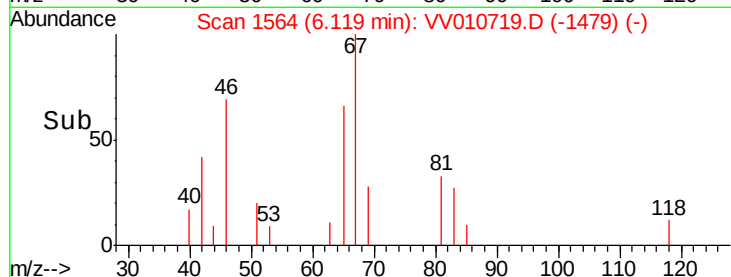
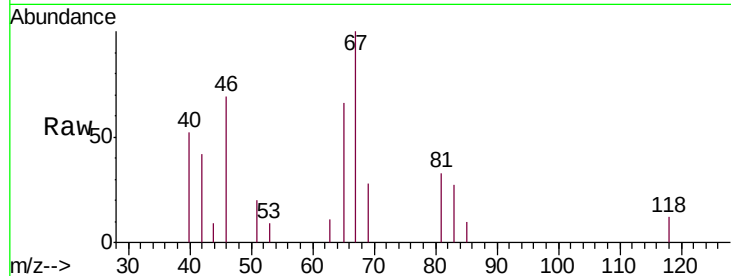




#36
Methylcyclohexane
Concen: 2.263 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV010719.D
Acq: 08 May 2019 09:12

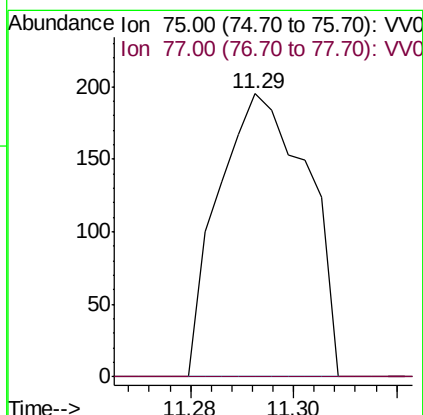
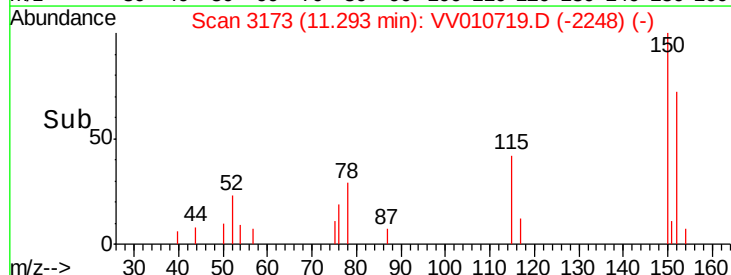
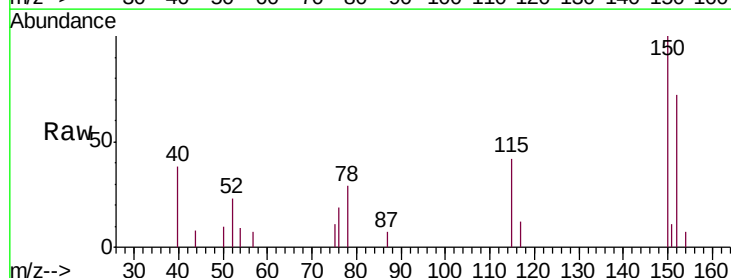
Instrument :
MSVOA_V
ClientSampled :
A5167

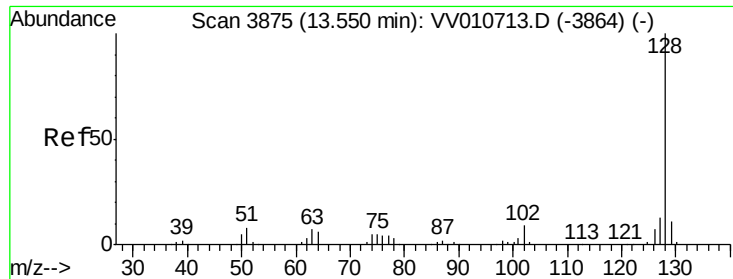
Tgt Ion: 83 Resp: 439
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#



#59
1,2,3-Trichloropropane
Concen: 2.413 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010719.D
Acq: 08 May 2019 09:12

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#





#69

Naphthalene

Concen: 10.995 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010719.D

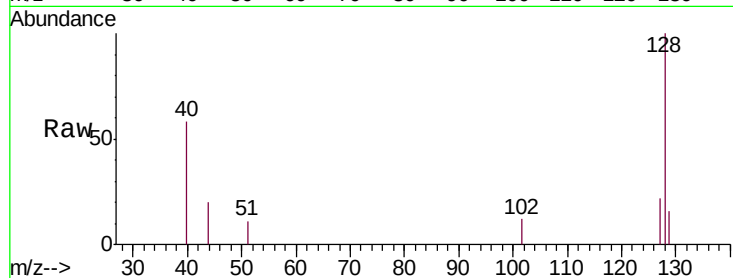
Acq: 08 May 2019 09:12

Instrument :

MSVOA_V

ClientSampleId :

A5167



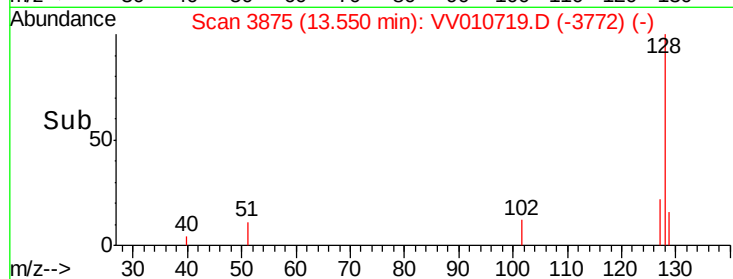
Tgt Ion:128 Resp: 1712

Ion Ratio Lower Upper

128 100

129 12.3 8.3 12.5

127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

