

Data File : VV010635.D
Acq On : 02 May 2019 18:52
Operator : SY/MD
Sample : K2603-09
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ61

Quant Time: May 03 02:25:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133240	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137880	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60826	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14339	8.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.00%
7) Chloroethane-d5	1.58	69	16028	13.57	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.28%
10) 1,1-Dichloroethene-d2	2.13	63	25439	8.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.40%#
20) 2-Butanone-d5	3.94	46	18128	35.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.64%
24) Chloroform-d	4.40	84	71075	20.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.08	65	40847	20.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.84%
29) Benzene-d6	5.10	84	125751	17.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.40%
33) 1,2-Dichloropropane-d6	6.12	67	45744	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	7.36	98	111660	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.04%
38) trans-1,3-Dichloropropene-	7.66	79	14011	15.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.96%
39) 2-Hexanone-d5	8.13	63	12878	33.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41723	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	51792	22.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.52%

Target Compounds

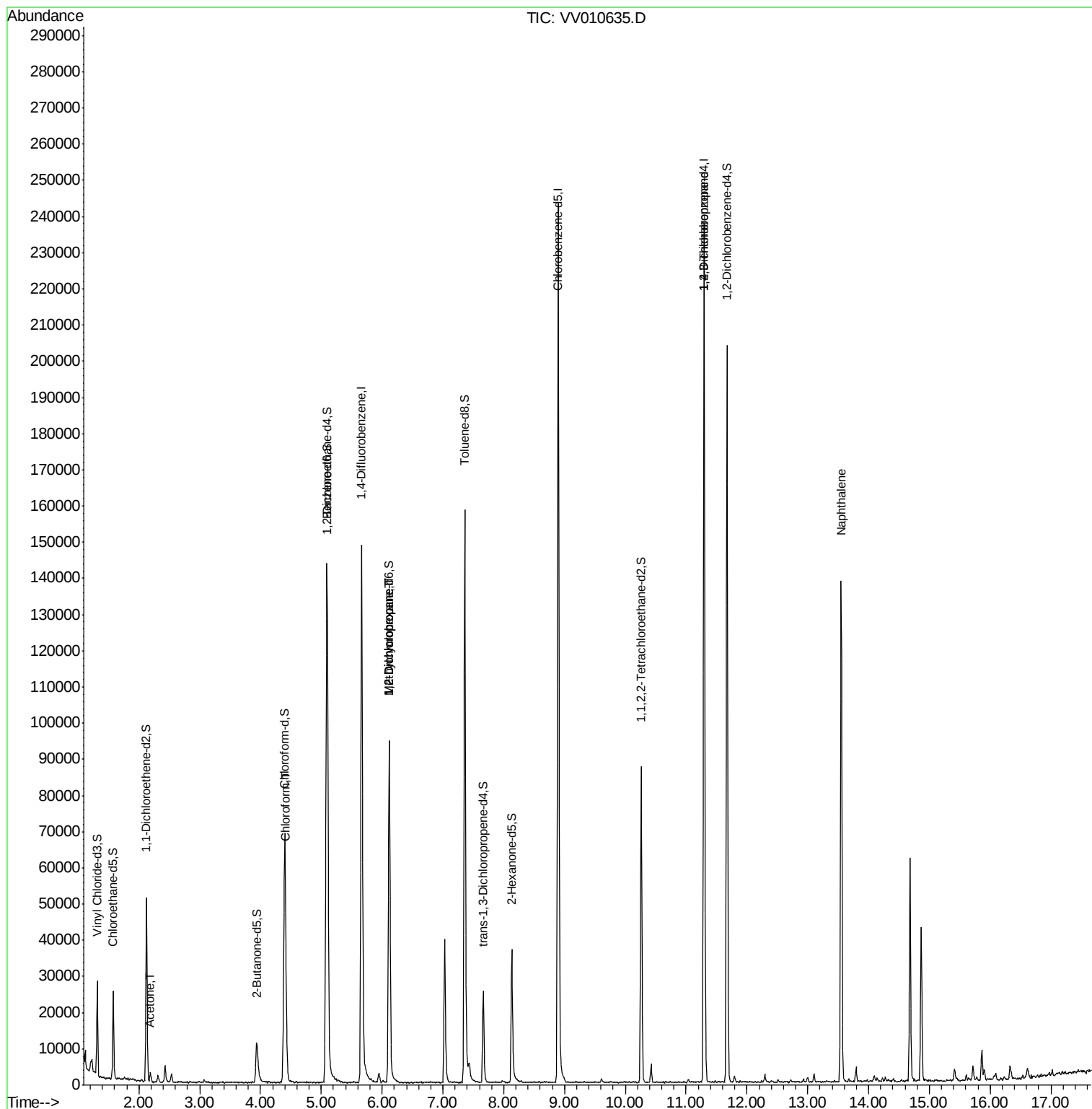
					Qvalue
13) Acetone	2.19	43	2328	5.291	ug/L 83
25) Chloroform	4.42	83	3499	1.065	ug/L 79
36) Methylcyclohexane	6.12	83	10890	4.054	ug/L # 19
40) 1,2-Dichloropropane	6.12	63	5248	3.061	ug/L # 87
59) 1,2,3-Trichloropropane	11.30	75	7584	5.645	ug/L # 88
69) Naphthalene	13.55	128	105257	27.073	ug/L 100

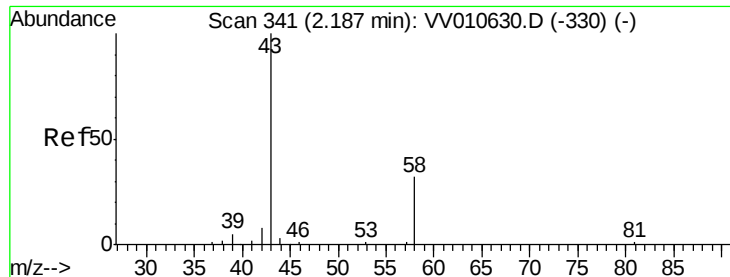
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010635.D
Acq On : 02 May 2019 18:52
Operator : SY/MD
Sample : K2603-09
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
GAJ61

Quant Time: May 03 02:25:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.291 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010635.D

Acq: 02 May 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

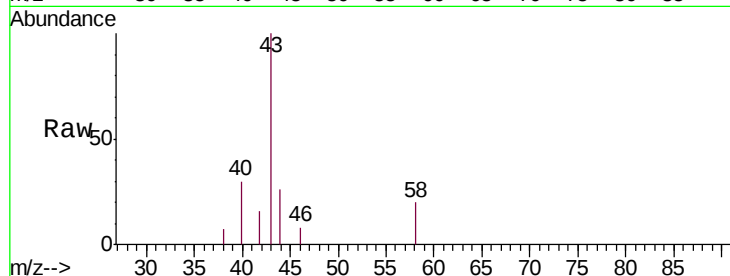
GAJ61

Tgt Ion: 43 Resp: 2328

Ion Ratio Lower Upper

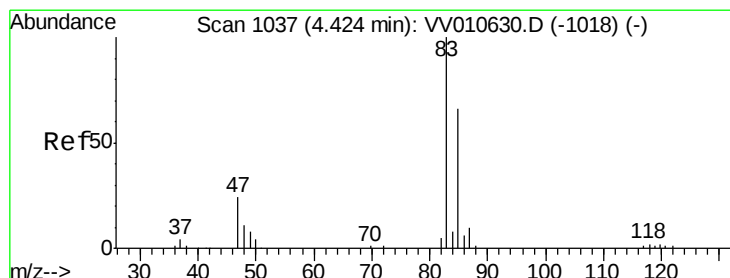
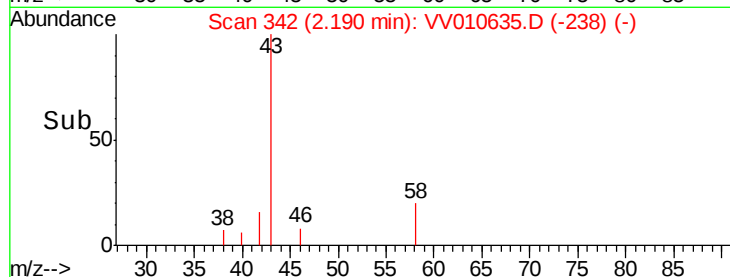
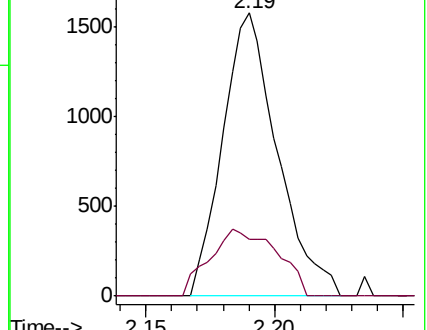
43 100

58 19.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010635.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010635.D (-238) (-)



#25

Chloroform

Concen: 1.065 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010635.D

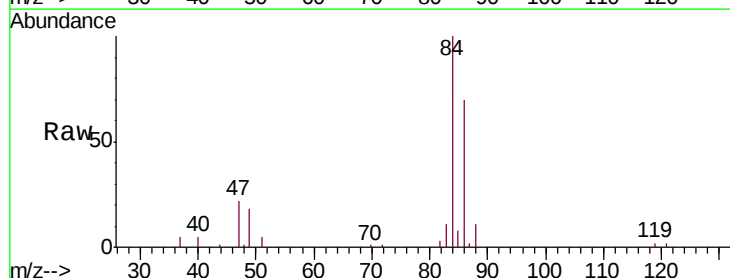
Acq: 02 May 2019 18:52

Tgt Ion: 83 Resp: 3499

Ion Ratio Lower Upper

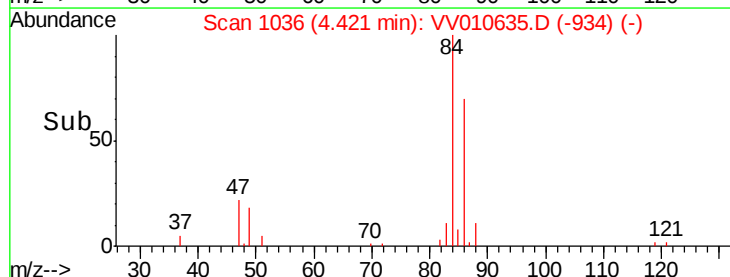
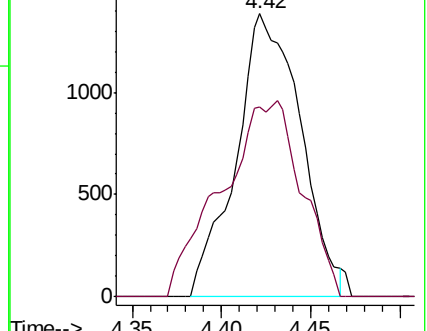
83 100

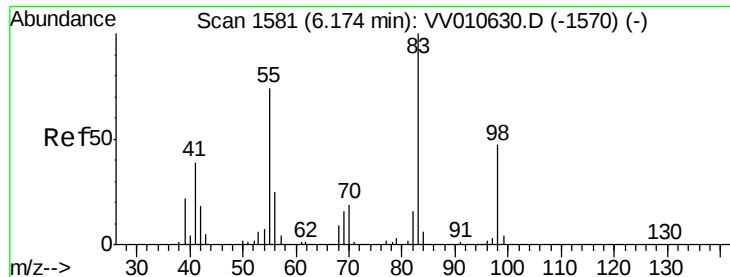
85 49.6 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010635.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010635.D (-934) (-)

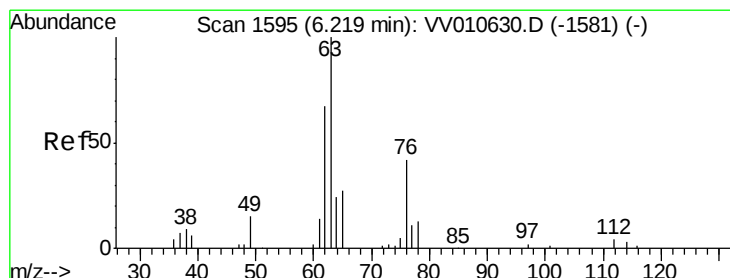
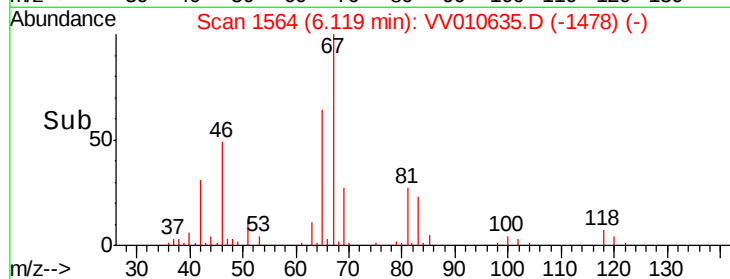
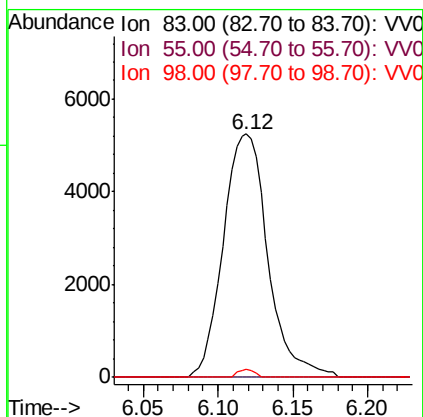
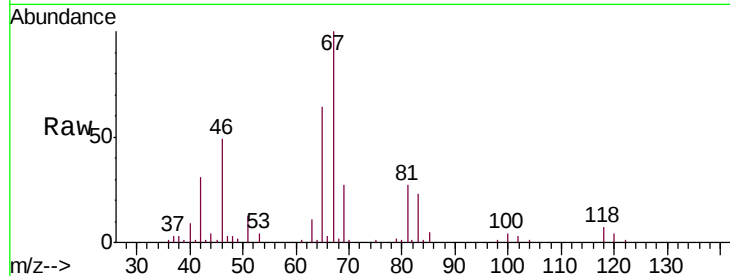




#36
Methylcyclohexane
Concen: 4.054 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010635.D
Acq: 02 May 2019 18:52

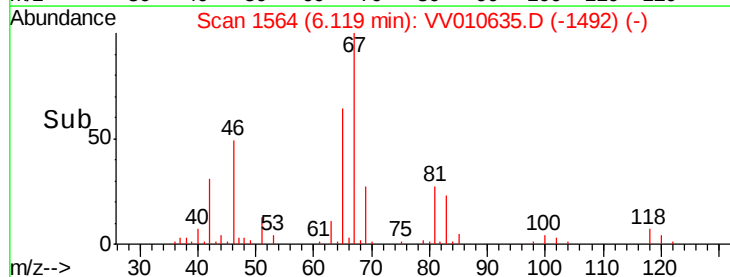
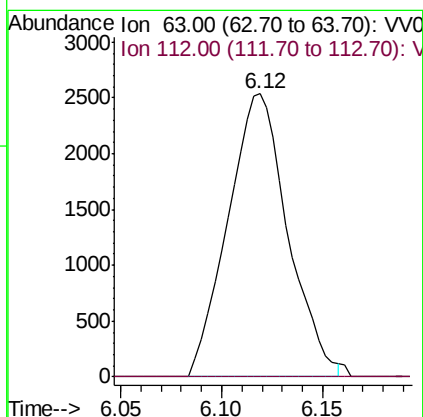
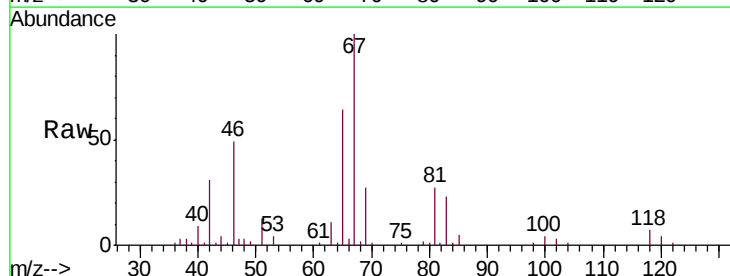
Instrument :
MSVOA_V
ClientSampleId :
GAJ61

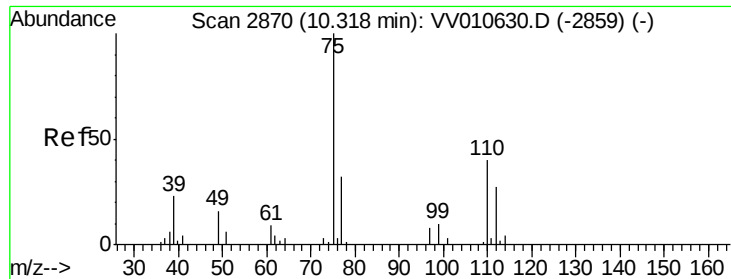
Tgt Ion: 83 Resp: 10890
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 1.2 37.4 56.2#



#40
1,2-Dichloropropane
Concen: 3.061 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010635.D
Acq: 02 May 2019 18:52

Tgt Ion: 63 Resp: 5248
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

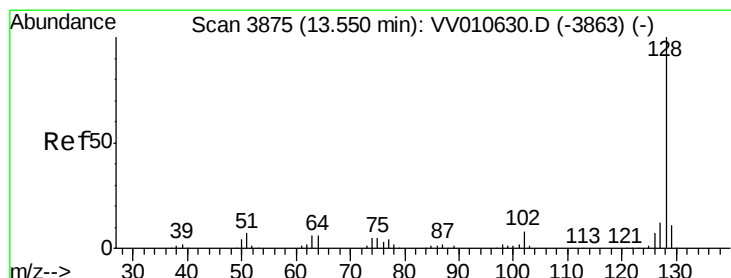
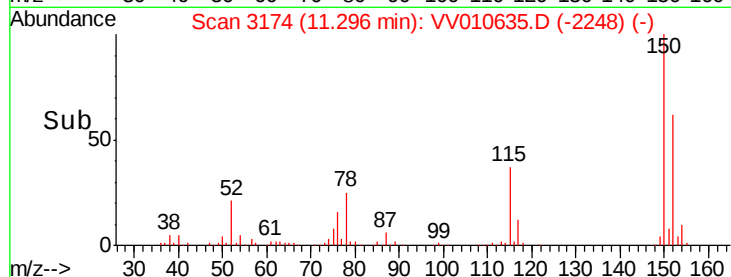
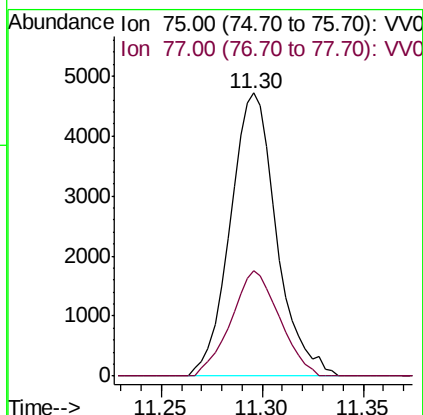
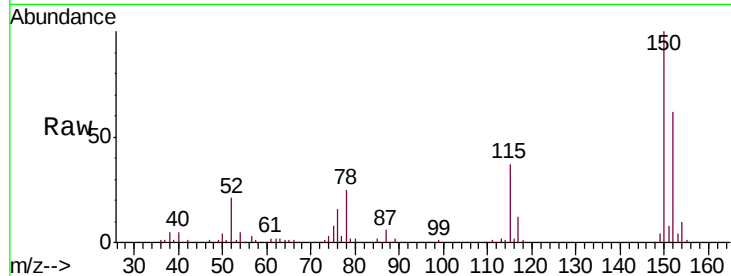




#59
 1,2,3-Trichloropropane
 Concen: 5.645 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010635.D
 Acq: 02 May 2019 18:52

Instrument :
 MSVOA_V
 ClientSampled :
 GAJ61

Tgt Ion: 75 Resp: 7584
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.6 38.4#



#69
 Naphthalene
 Concen: 27.073 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV010635.D
 Acq: 02 May 2019 18:52

Tgt Ion: 128 Resp: 105257
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.2 10.6 15.8

