

Data File : VV010906.D
Acq On : 15 May 2019 20:24
Operator : SY/MD
Sample : K2738-16RE
Misc : 4.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8A0

Quant Time: May 16 08:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118834	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31447	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	1.57	69	25804	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.60%
10) 1,1-Dichloroethene-d2	2.13	63	47158	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	3.94	46	22839	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
24) Chloroform-d	4.40	84	68743	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	5.08	65	41514	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.12%
29) Benzene-d6	5.10	84	141692	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	6.12	67	48687	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	7.36	98	121647	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	7.66	79	17046	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	16077	44.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39483	22.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	34312	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds

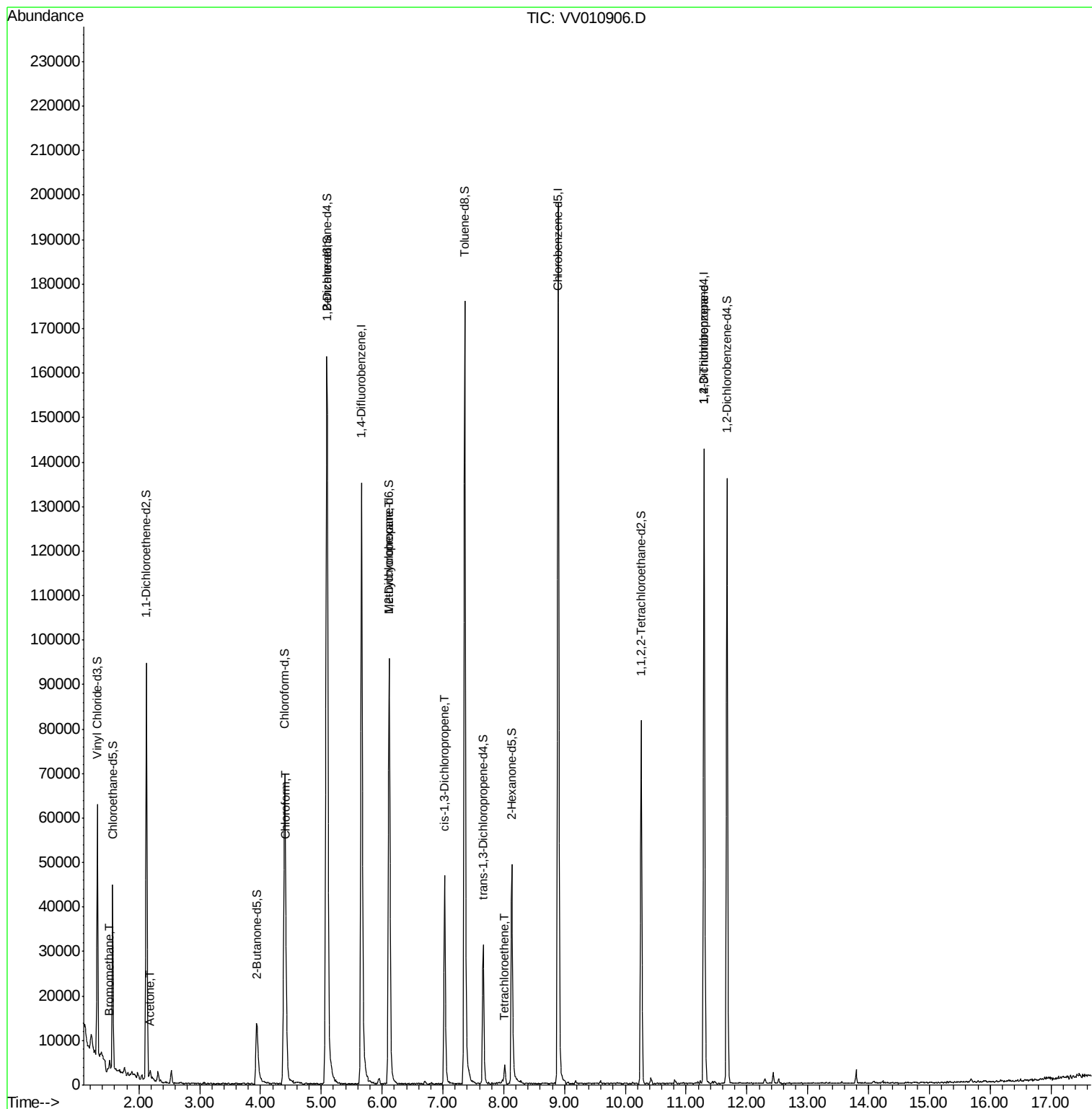
					Qvalue
6) Bromomethane	1.52	94	484	1.227 ug/L	94
13) Acetone	2.19	43	973	2.005 ug/L	83
25) Chloroform	4.42	83	6268	1.830 ug/L	91
36) Methylcyclohexane	6.12	83	11503	5.018 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1349	0.534 ug/L #	72
47) Tetrachloroethene	8.02	164	962	0.790 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	5251	3.936 ug/L	95

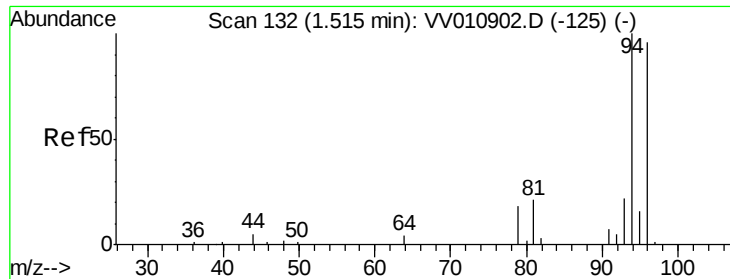
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.227 ug/L

RT: 1.52 min Scan# 133

Delta R.T. 0.00 min

Lab File: VV010906.D

Acq: 15 May 2019 20:24

Instrument :

MSVOA_V

ClientSampled :

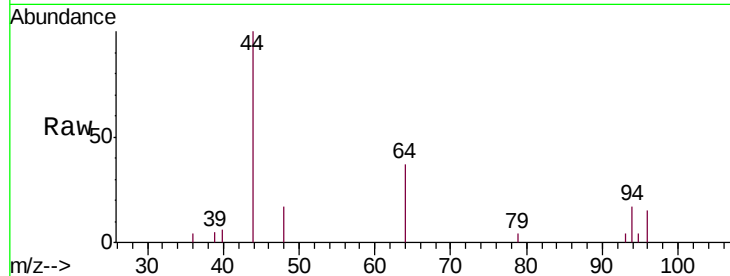
DB8A0

Tgt Ion: 94 Resp: 484

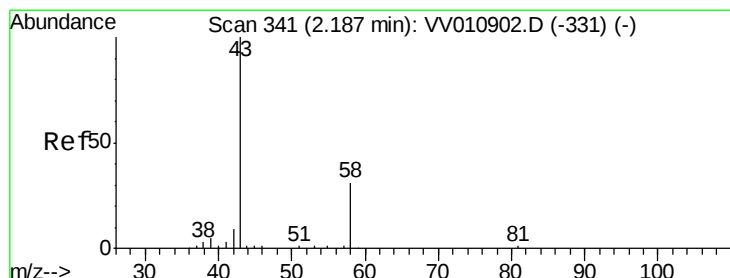
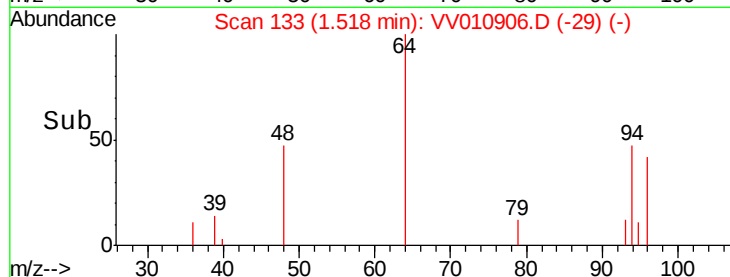
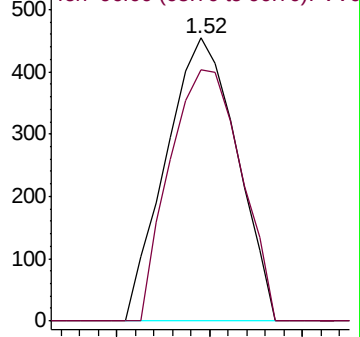
Ion Ratio Lower Upper

94 100

96 89.7 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010906.D (-125) (-)



#13

Acetone

Concen: 2.005 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010906.D

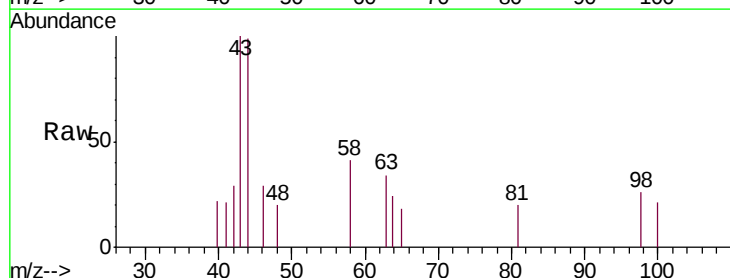
Acq: 15 May 2019 20:24

Tgt Ion: 43 Resp: 973

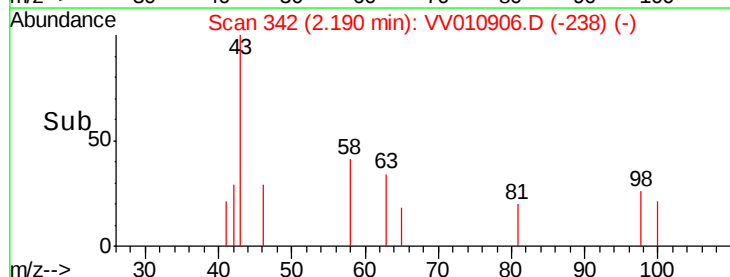
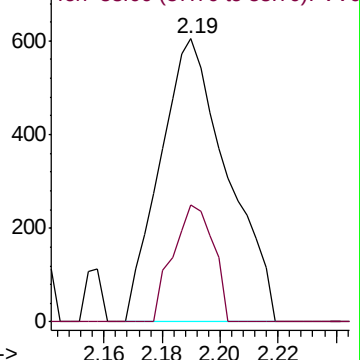
Ion Ratio Lower Upper

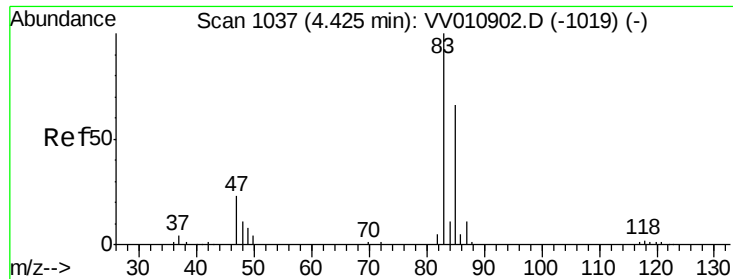
43 100

58 24.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010906.D (-331) (-)

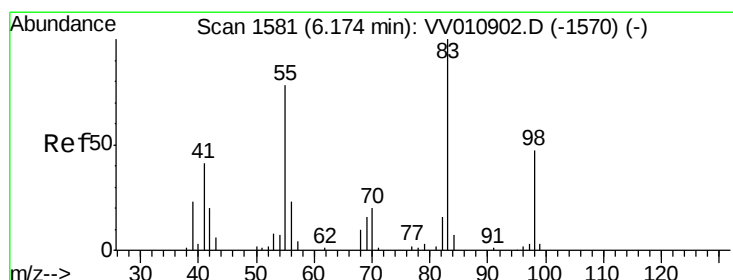
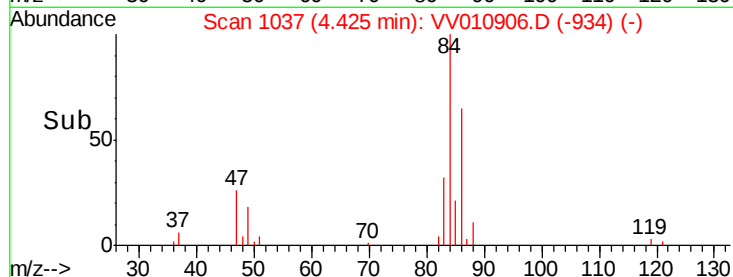
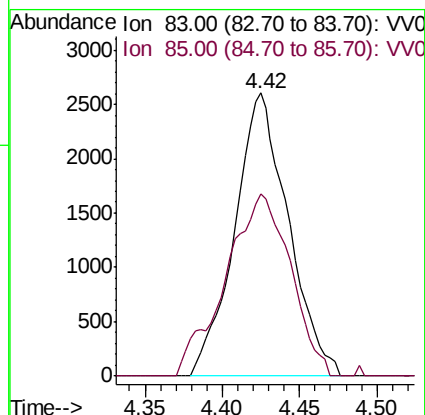
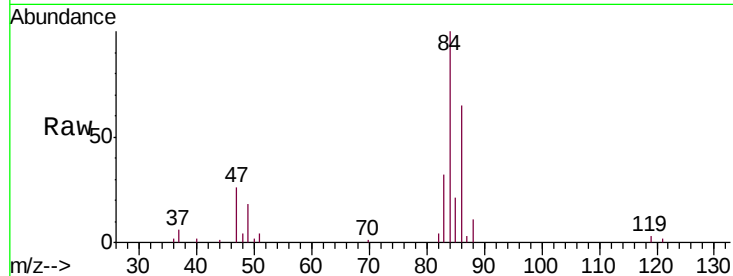




#25
Chloroform
Concen: 1.830 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010906.D
Acq: 15 May 2019 20:24

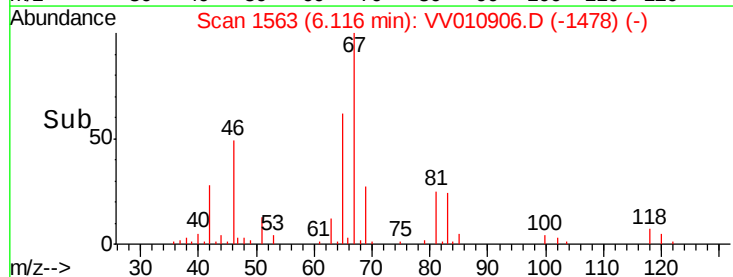
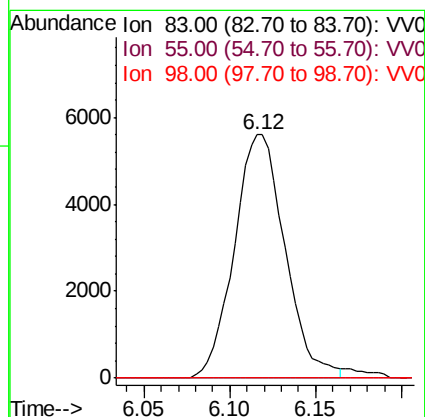
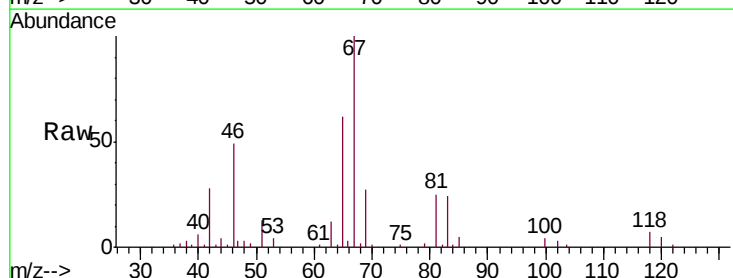
Instrument :
MSVOA_V
ClientSampleId :
DB8A0

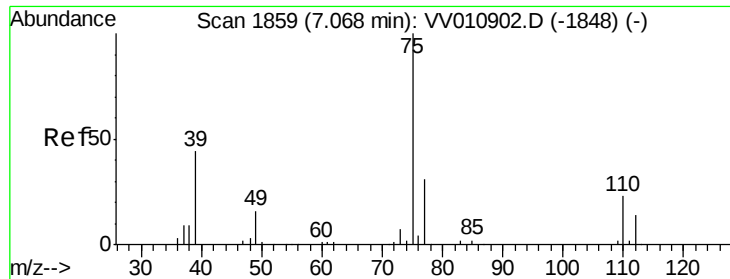
Tgt Ion: 83 Resp: 6268
Ion Ratio Lower Upper
83 100
85 72.1 45.3 84.1



#36
Methylcyclohexane
Concen: 5.018 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010906.D
Acq: 15 May 2019 20:24

Tgt Ion: 83 Resp: 11503
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 2.2 37.2 55.8#



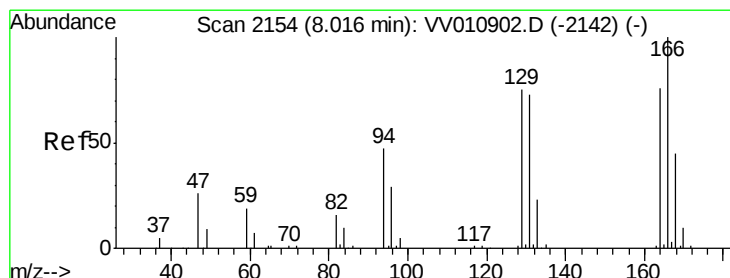
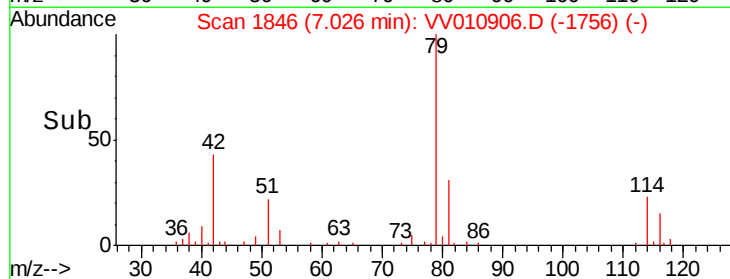
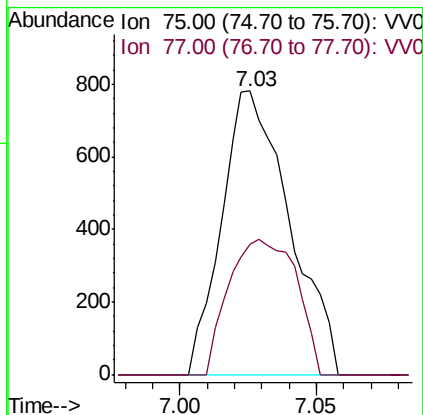
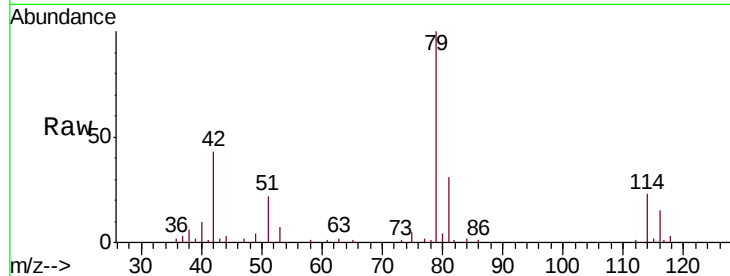


#42

cis-1,3-Dichloropropene
Concen: 0.534 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010906.D
Acq: 15 May 2019 20:24

Instrument :
MSVOA_V
ClientSampleId :
DB8A0

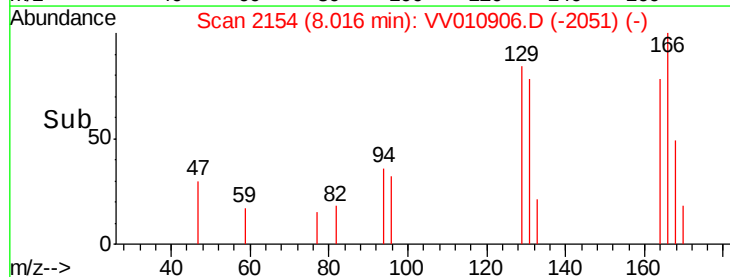
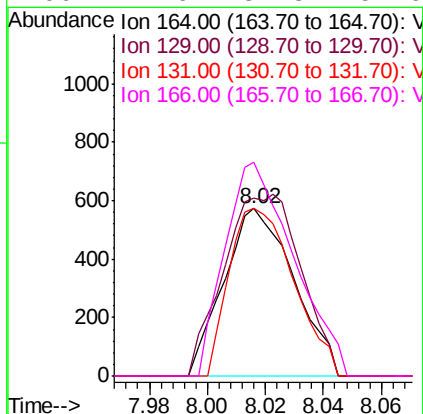
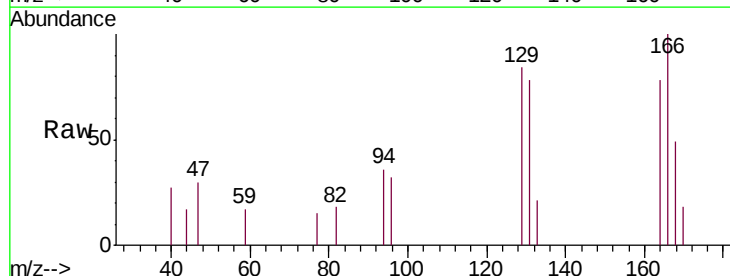
Tgt Ion: 75 Resp: 1349
Ion Ratio Lower Upper
75 100
77 45.8 21.5 39.9#

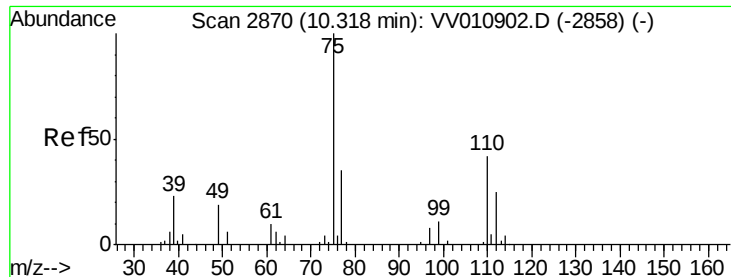


#47

Tetrachloroethene
Concen: 0.790 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010906.D
Acq: 15 May 2019 20:24

Tgt Ion: 164 Resp: 962
Ion Ratio Lower Upper
164 100
129 106.6 67.6 125.6
131 100.0 65.1 120.9
166 127.6 84.8 157.6





#59

1,2,3-Trichloropropane

Concen: 3.936 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010906.D

Acq: 15 May 2019 20:24

Instrument :

MSVOA_V

ClientSampleId :

DB8A0

Tgt Ion: 75 Resp: 5251

Ion Ratio Lower Upper

75 100

77 35.6 26.4 39.6

