

Data File : VV010869.D
Acq On : 14 May 2019 18:24
Operator : SY/MD
Sample : K2737-23
Misc : 4.63G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB871

Quant Time: May 15 06:57:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120744	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32849	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	1.56	69	26144	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
10) 1,1-Dichloroethene-d2	2.12	63	48484	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	3.94	46	10782	22.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.56%
24) Chloroform-d	4.40	84	81270	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.08	65	48333	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	5.09	84	163365	24.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.80%
33) 1,2-Dichloropropane-d6	6.11	67	55291	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	7.36	98	138032	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	7.66	79	14861	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.60%
39) 2-Hexanone-d5	8.14	63	5166	12.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39518	20.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	44477	24.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.24%

Target Compounds

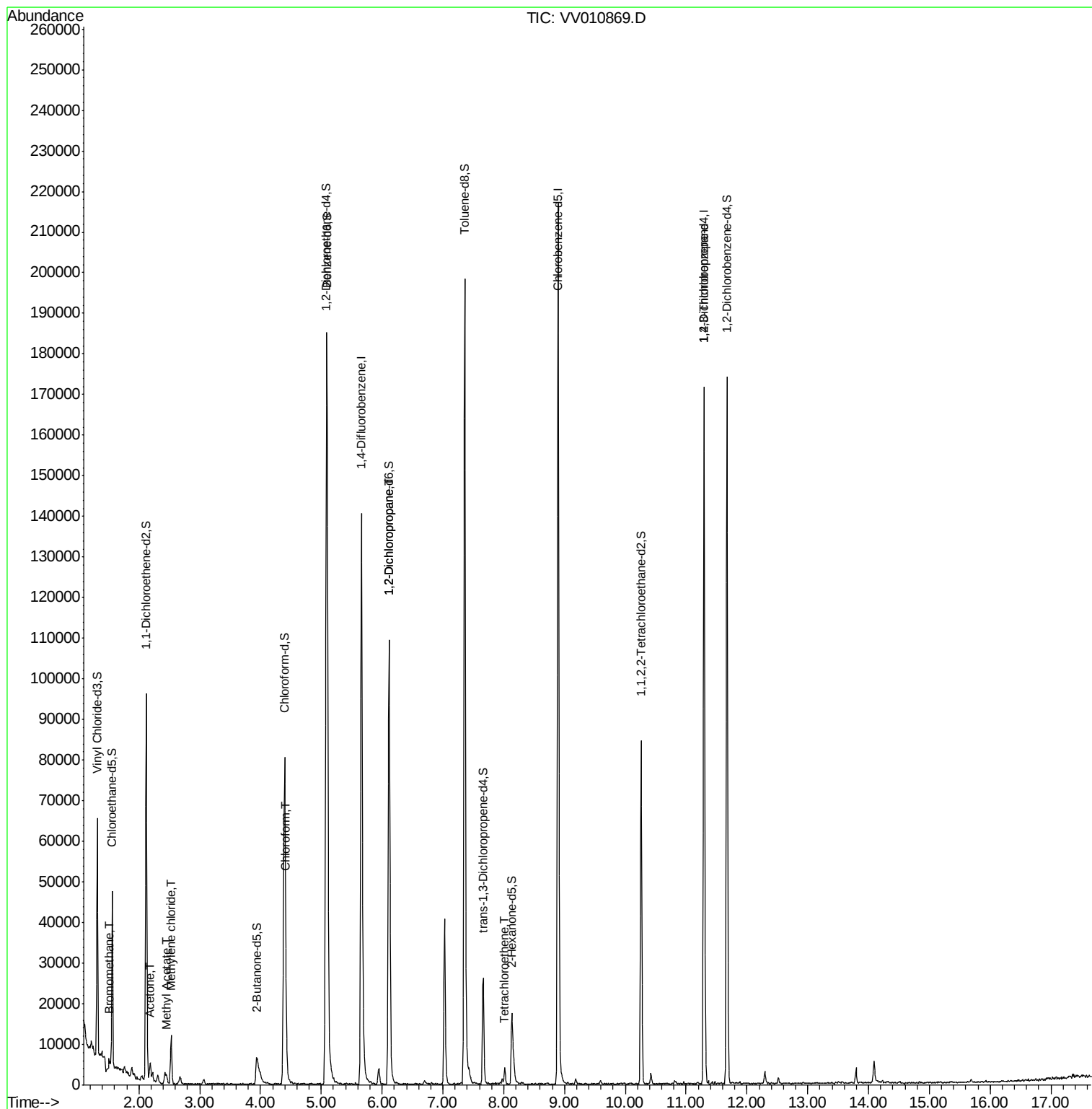
					Qvalue
6) Bromomethane	1.51	94	551	1.374 ug/L	97
13) Acetone	2.19	43	3325	6.745 ug/L	88
15) Methyl Acetate	2.46	43	1700	1.656 ug/L #	89
16) Methylene chloride	2.53	84	4635	2.379 ug/L	93
25) Chloroform	4.42	83	3308	0.950 ug/L #	71
40) 1,2-Dichloropropane	6.12	63	5774	3.044 ug/L #	88
47) Tetrachloroethene	8.02	164	849	0.637 ug/L	81
59) 1,2,3-Trichloropropane	11.29	75	5507	3.768 ug/L #	83

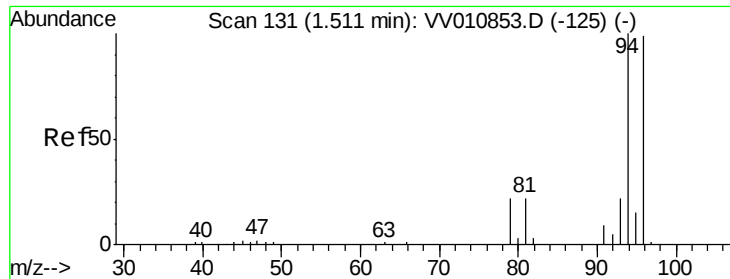
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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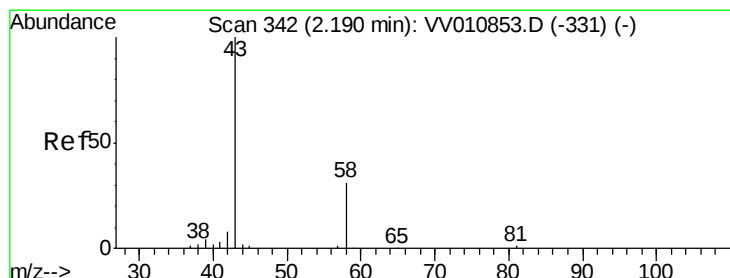
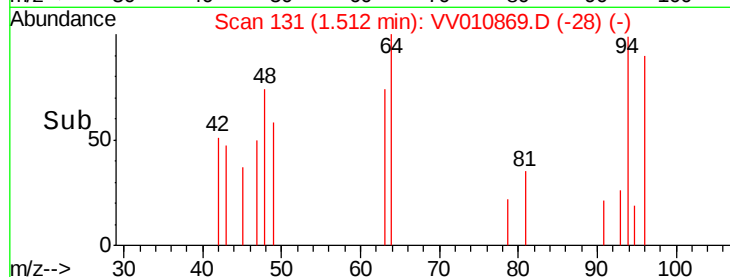
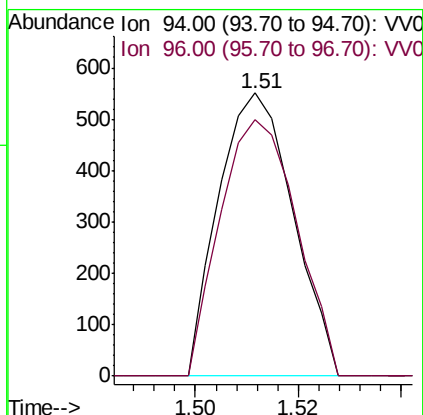
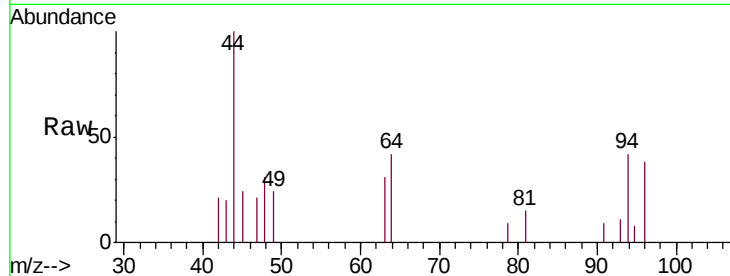




#6
Bromomethane
Concen: 1.374 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV010869.D
Acq: 14 May 2019 18:24

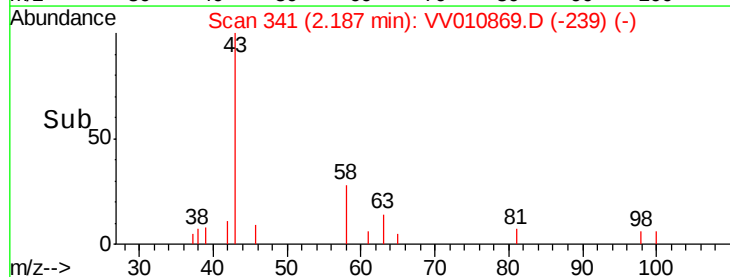
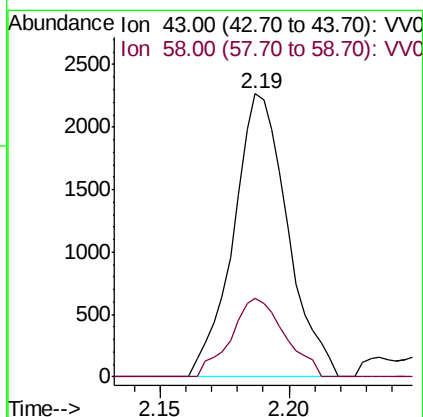
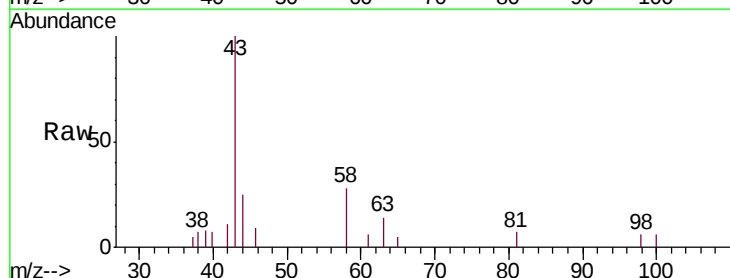
Instrument :
MSVOA_V
ClientSampled :
DB871

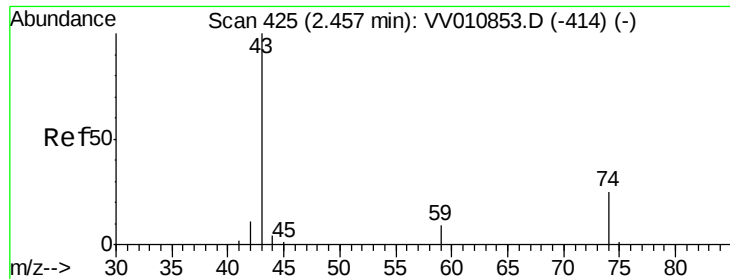
Tgt Ion: 94 Resp: 551
Ion Ratio Lower Upper
94 100
96 92.9 9.6 181.6



#13
Acetone
Concen: 6.745 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010869.D
Acq: 14 May 2019 18:24

Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
58 27.6 0.0 69.2

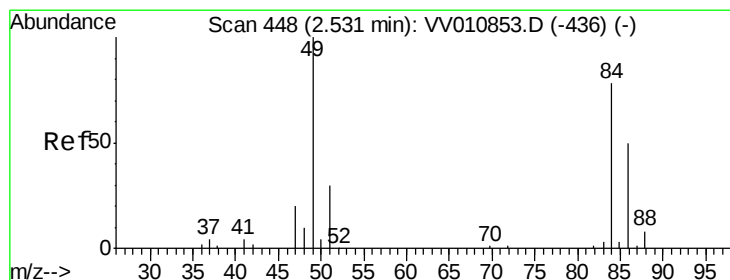
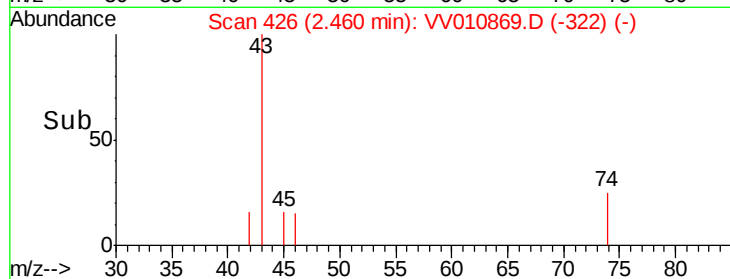
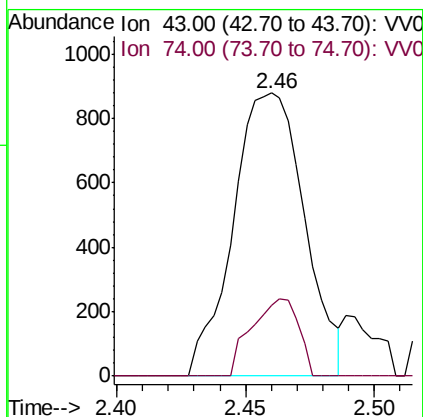
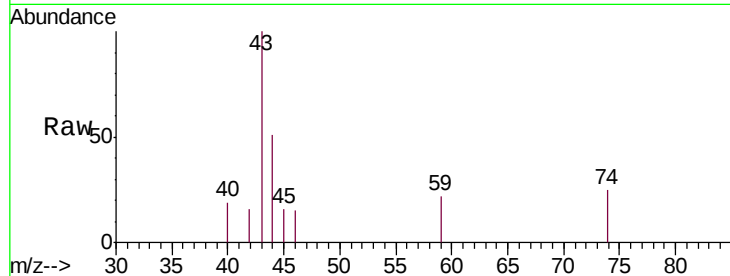




#15
Methyl Acetate
Concen: 1.656 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV010869.D
Acq: 14 May 2019 18:24

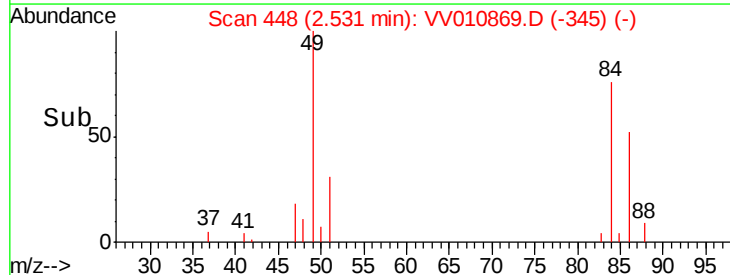
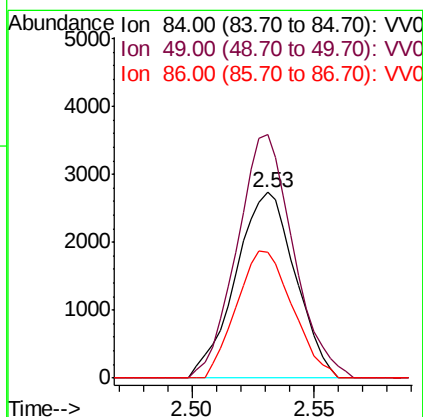
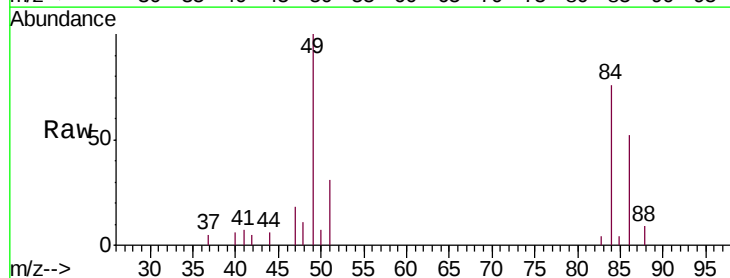
Instrument :
MSVOA_V
ClientSampleId :
DB871

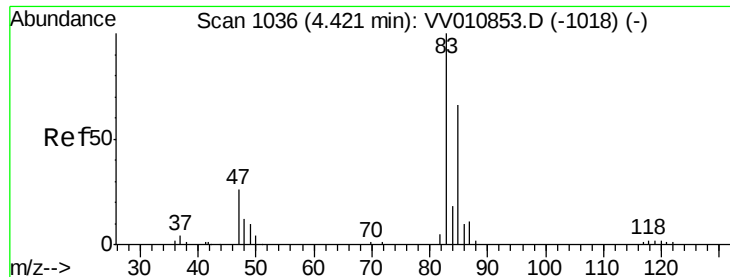
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
74 18.1 18.6 27.8#



#16
Methylene chloride
Concen: 2.379 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010869.D
Acq: 14 May 2019 18:24

Tgt Ion: 84 Resp: 4635
Ion Ratio Lower Upper
84 100
49 131.1 85.8 159.3
86 67.9 45.0 83.6

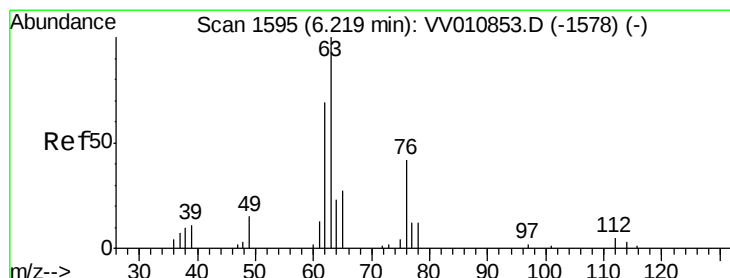
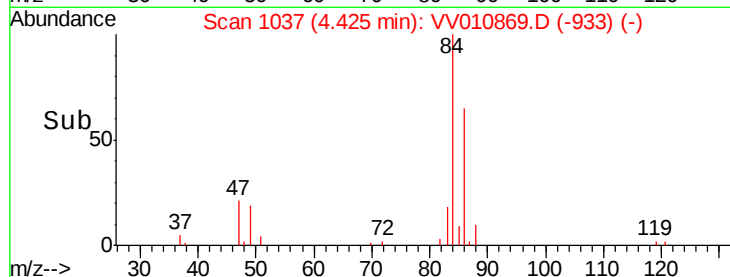
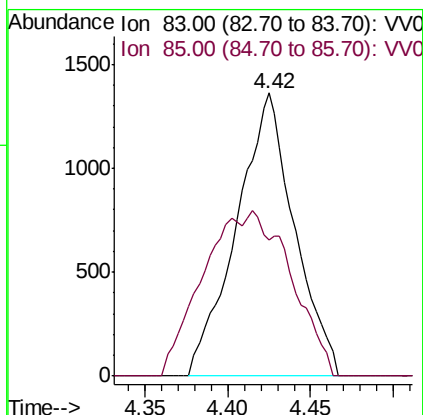
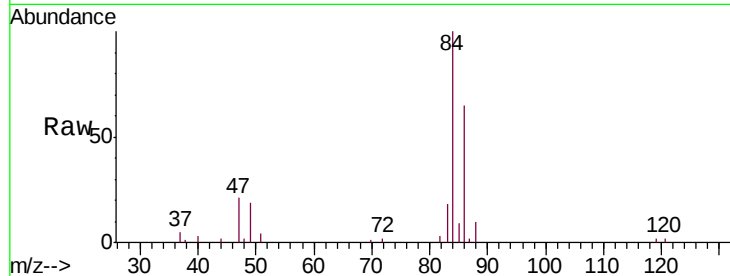




#25
Chloroform
Concen: 0.950 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010869.D
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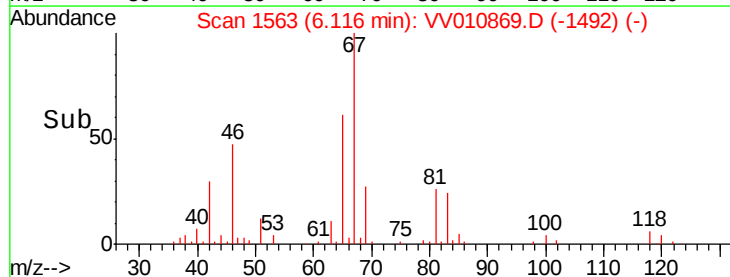
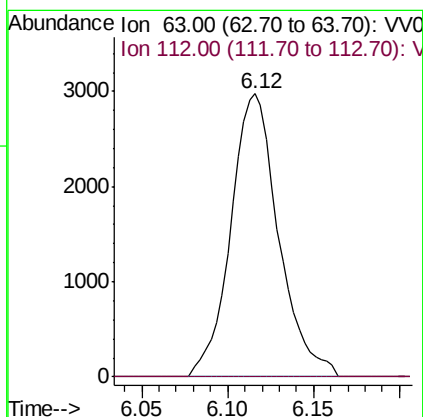
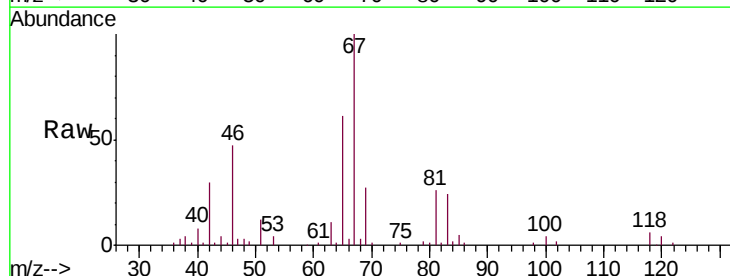
Instrument :
MSVOA_V
ClientSampleId :
DB871

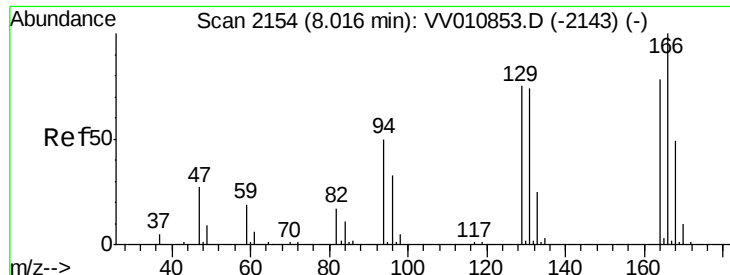
Tgt Ion: 83 Resp: 3308
Ion Ratio Lower Upper
83 100
85 42.2 45.3 84.1#



#40
1,2-Dichloropropane
Concen: 3.044 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010869.D
Acq: 14 May 2019 18:24

Tgt Ion: 63 Resp: 5774
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.637 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010869.D

Acq: 14 May 2019 18:24

Instrument :

MSVOA_V

ClientSampled :

DB871

Tgt Ion:164 Resp: 849

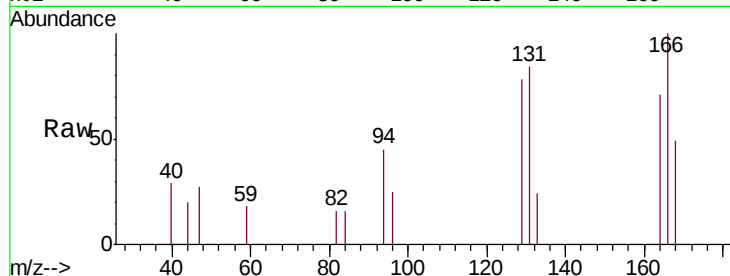
Ion Ratio Lower Upper

164 100

129 109.2 67.6 125.6

131 118.4 65.1 120.9

166 140.4 84.8 157.6

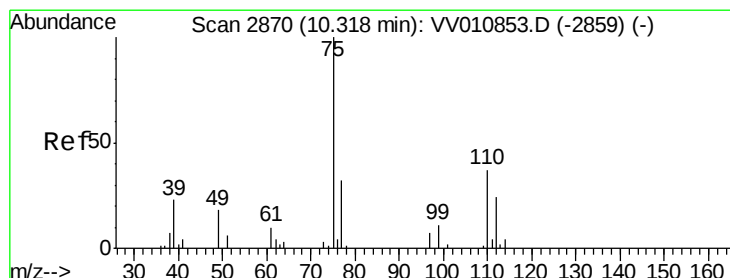
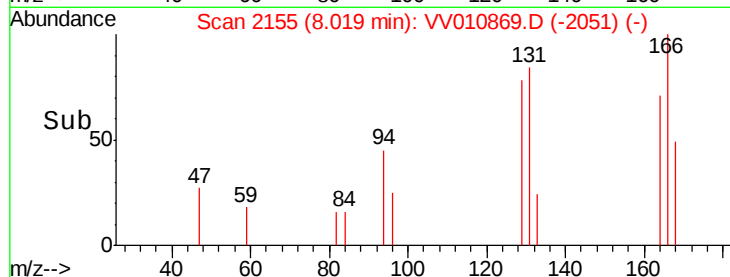
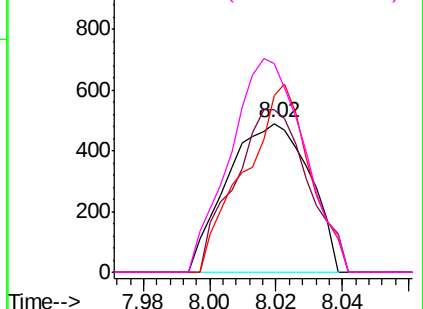


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 3.768 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010869.D

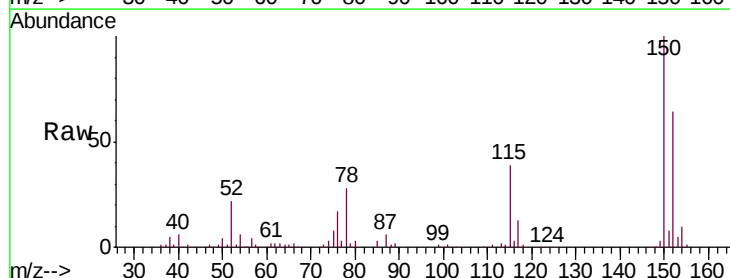
Acq: 14 May 2019 18:24

Tgt Ion: 75 Resp: 5507

Ion Ratio Lower Upper

75 100

77 42.4 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

