

Data File : VV010861.D
Acq On : 14 May 2019 14:42
Operator : SY/MD
Sample : K2737-11RE
Misc : 4.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB859RE

Quant Time: May 15 06:56:18 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	106708	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	102205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25636	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	1.57	69	22186	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	2.12	63	39420	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	3.94	46	15013	35.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.20%
24) Chloroform-d	4.40	84	56885	18.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.84%
26) 1,2-Dichloroethane-d4	5.08	65	43351	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.00%
29) Benzene-d6	5.10	84	139189	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	6.12	67	48142	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	7.36	98	116843	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.66	79	15087	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	8.13	63	10424	30.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37311	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	35666	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

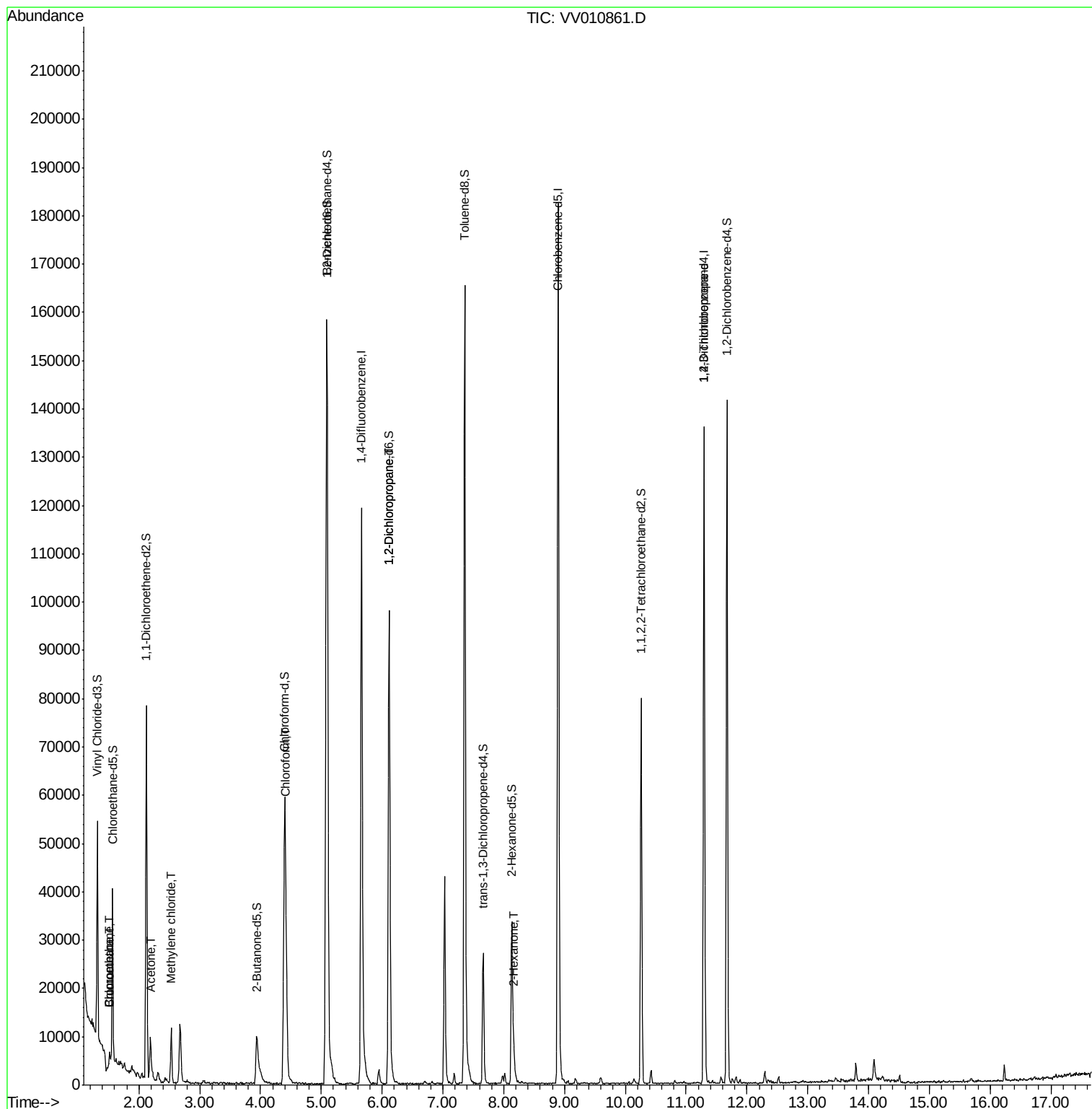
					Qvalue
6) Bromomethane	1.52	94	519	1.465 ug/L	94
8) Chloroethane	1.52	64	1299	1.645 ug/L #	42
13) Acetone	2.19	43	8065	18.512 ug/L	100
16) Methylene chloride	2.53	84	4374	2.540 ug/L	95
25) Chloroform	4.42	83	15611	5.075 ug/L	95
40) 1,2-Dichloropropane	6.12	63	5198	3.204 ug/L #	88
49) 2-Hexanone	8.17	43	2601	3.074 ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	4757	3.805 ug/L	92

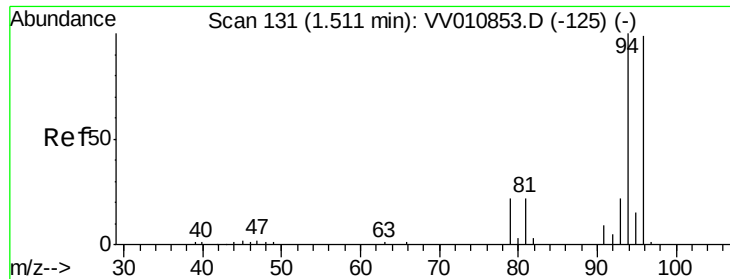
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 1.465 ug/L

RT: 1.52 min Scan# 133

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

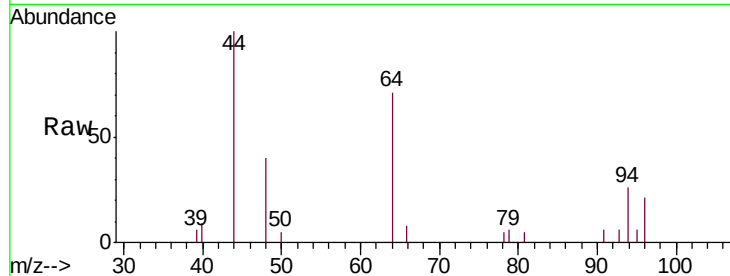
DB859RE

Tgt Ion: 94 Resp: 519

Ion Ratio Lower Upper

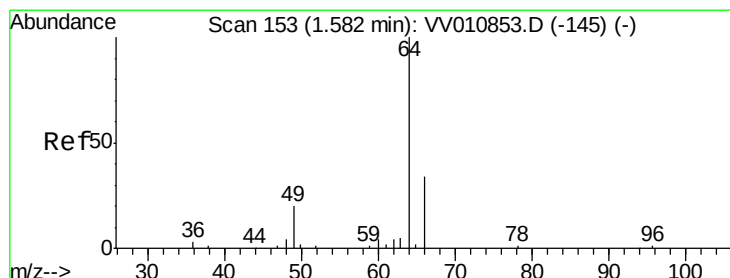
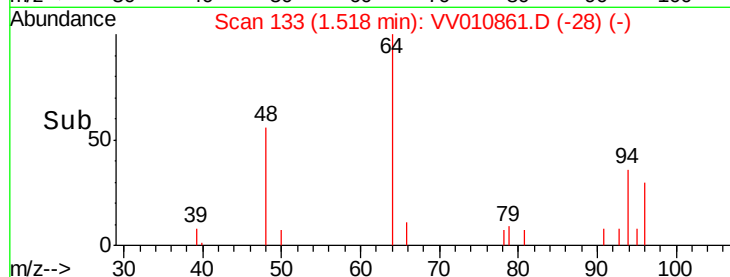
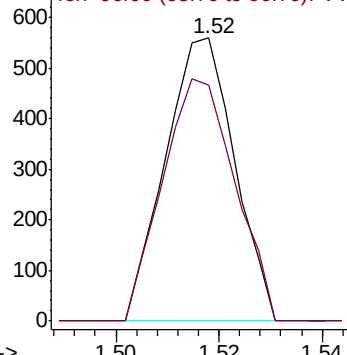
94 100

96 89.4 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#8

Chloroethane

Concen: 1.645 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.06 min

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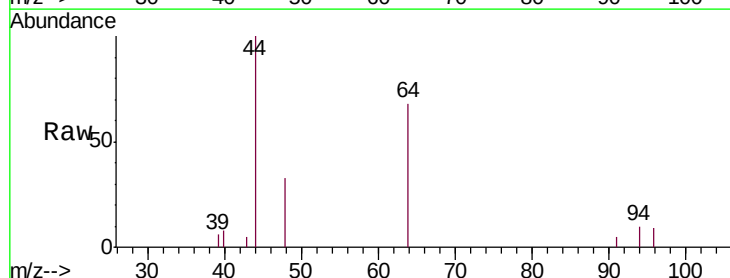
Acq: 14 May 2019 14:42

Tgt Ion: 64 Resp: 1299

Ion Ratio Lower Upper

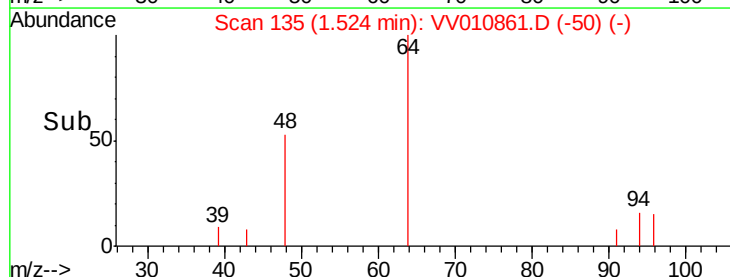
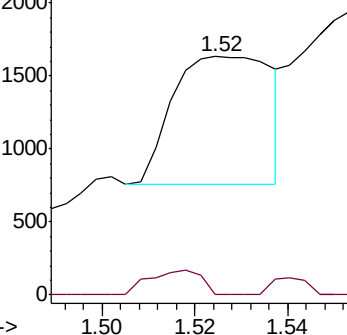
64 100

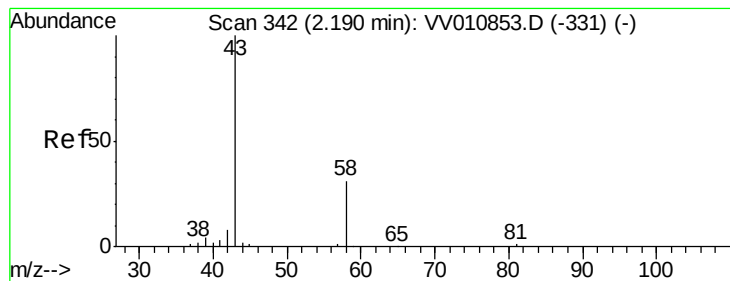
66 0.0 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 18.512 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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ClientSampleId :

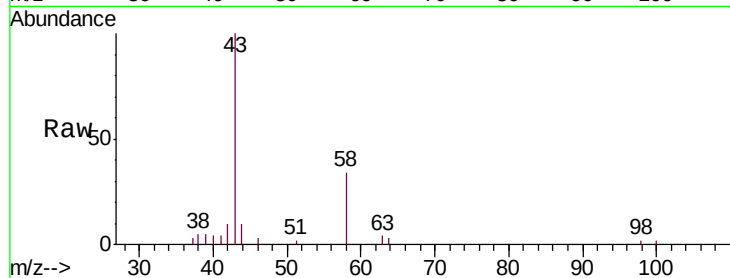
DB859RE

Tgt Ion: 43 Resp: 8065

Ion Ratio Lower Upper

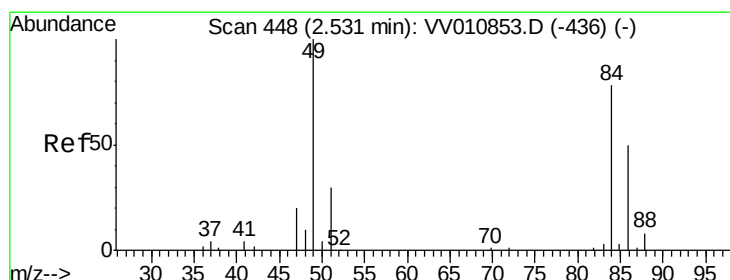
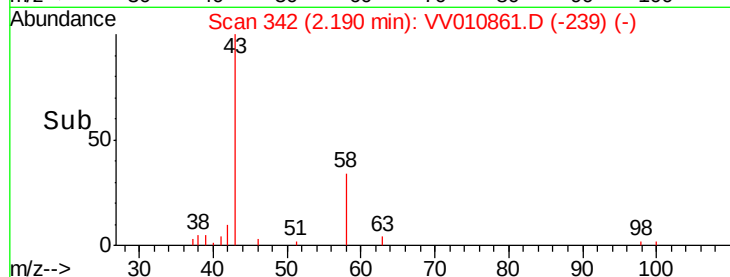
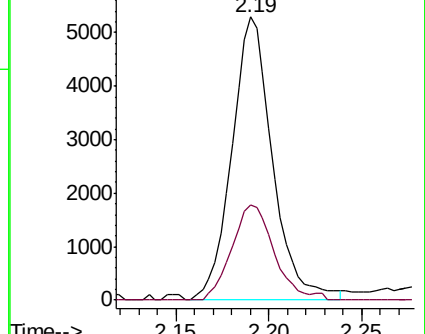
43 100

58 34.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010853.D (-331) (-)



#16

Methylene chloride

Concen: 2.540 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV010861.D

Acq: 14 May 2019 14:42

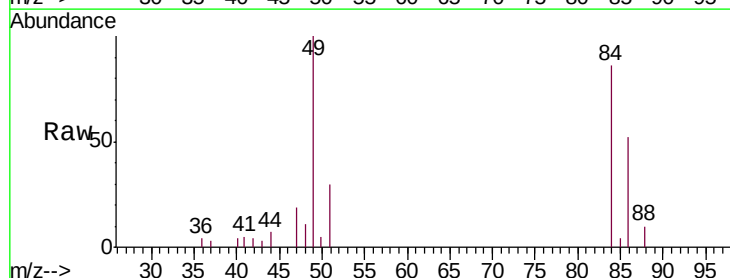
Tgt Ion: 84 Resp: 4374

Ion Ratio Lower Upper

84 100

49 115.9 85.8 159.3

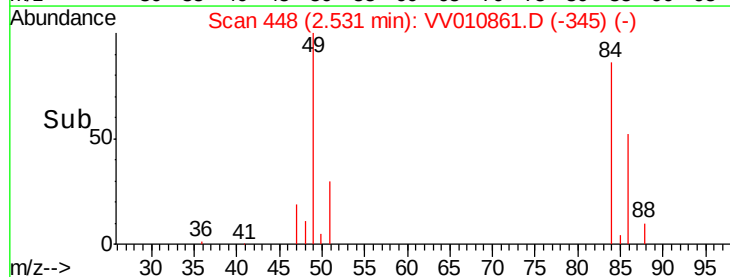
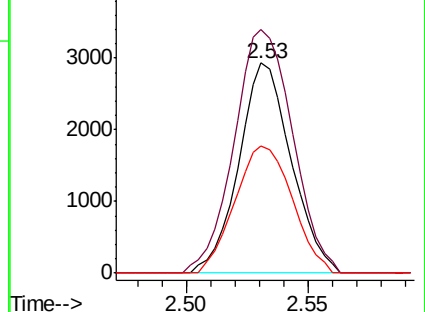
86 60.8 45.0 83.6

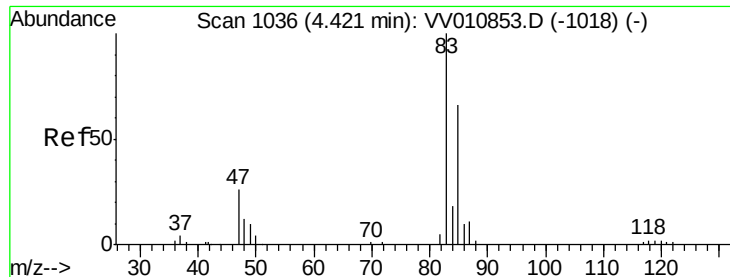


Abundance Ion 84.00 (83.70 to 84.70): VV010853.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010853.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010853.D (-436) (-)

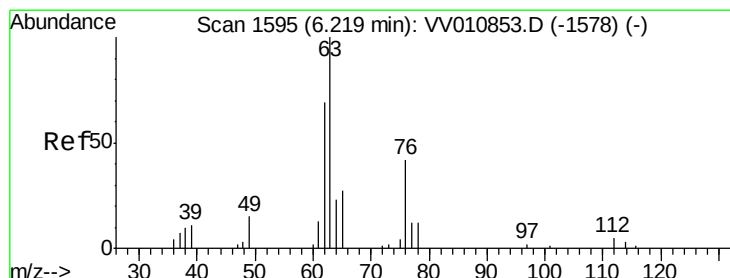
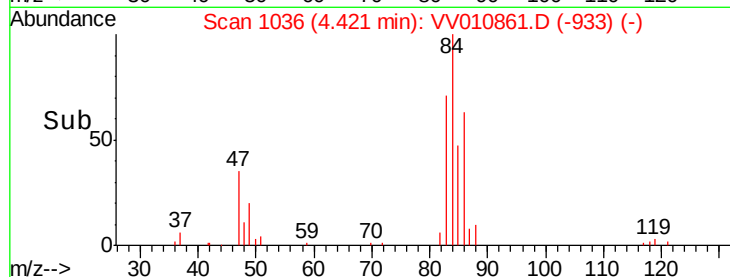
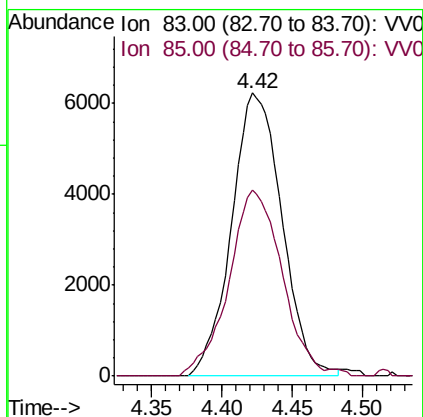
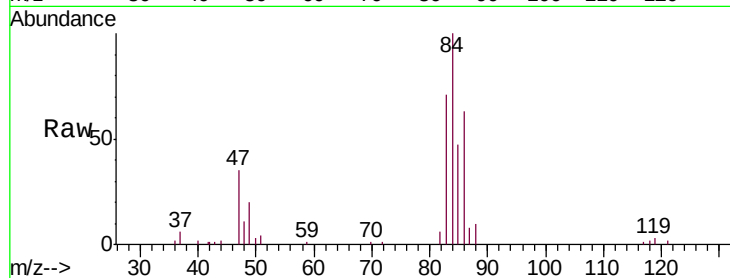




#25
Chloroform
Concen: 5.075 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV010861.D
Acq: 14 May 2019 14:42

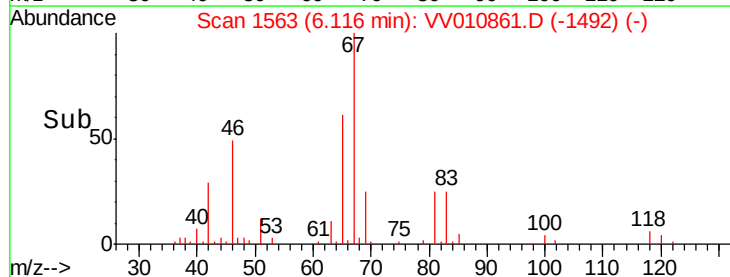
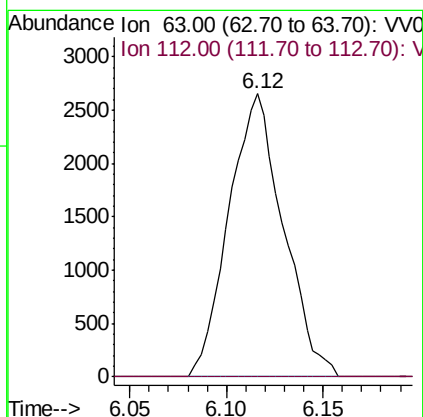
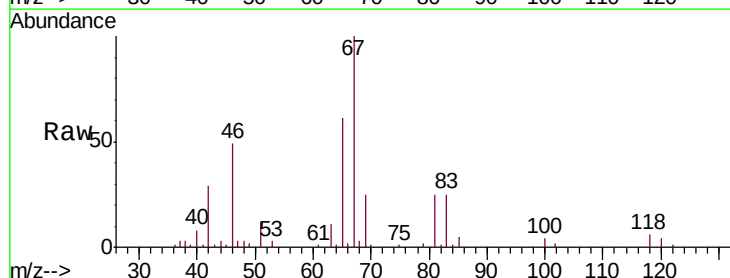
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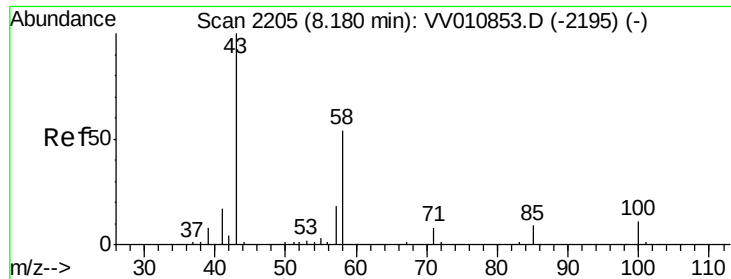
Tgt Ion: 83 Resp: 15611
Ion Ratio Lower Upper
83 100
85 68.8 45.3 84.1



#40
1,2-Dichloropropane
Concen: 3.204 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010861.D
Acq: 14 May 2019 14:42

Tgt Ion: 63 Resp: 5198
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

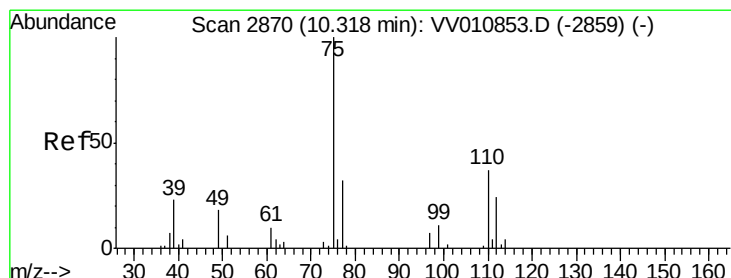
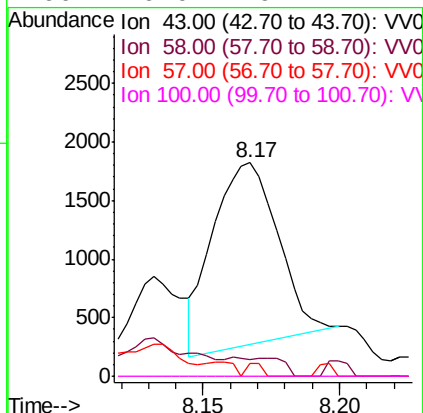
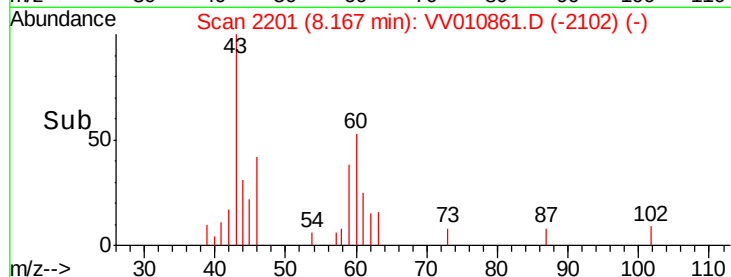
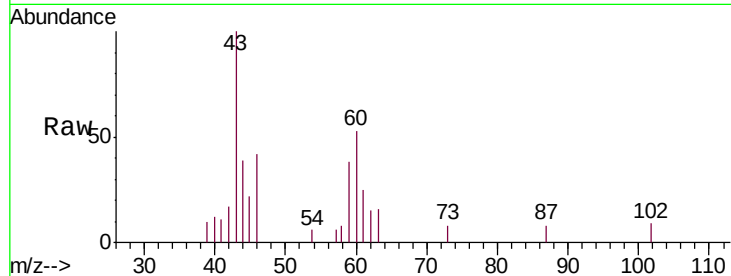




#49
2-Hexanone
Concen: 3.074 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010861.D
Acq: 14 May 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
DB859RE

Tgt Ion:	43	Resp:	2601
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.0	61.6#
57	1.6	14.3	21.5#
100	0.0	9.4	14.2#



#59
1,2,3-Trichloropropane
Concen: 3.805 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010861.D
Acq: 14 May 2019 14:42

Tgt Ion:	75	Resp:	4757
Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.4	39.6

