

Data File : VV010771.D
Acq On : 09 May 2019 16:38
Operator : SY/MD
Sample : K2693-15
Misc : 5.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE6

Quant Time: May 10 05:46:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	93112	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39961	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26799	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	1.58	69	25955	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	2.13	63	45733	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	3.93	46	19983	46.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.08%
24) Chloroform-d	4.40	84	53595	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	5.08	65	37939	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	5.10	84	108607	22.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.88%
33) 1,2-Dichloropropane-d6	6.12	67	36435	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	7.36	98	97886	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.60%
38) trans-1,3-Dichloropropene-	7.66	79	14498	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	8.13	63	14785	45.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32008	22.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	35836	23.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.64%

Target Compounds

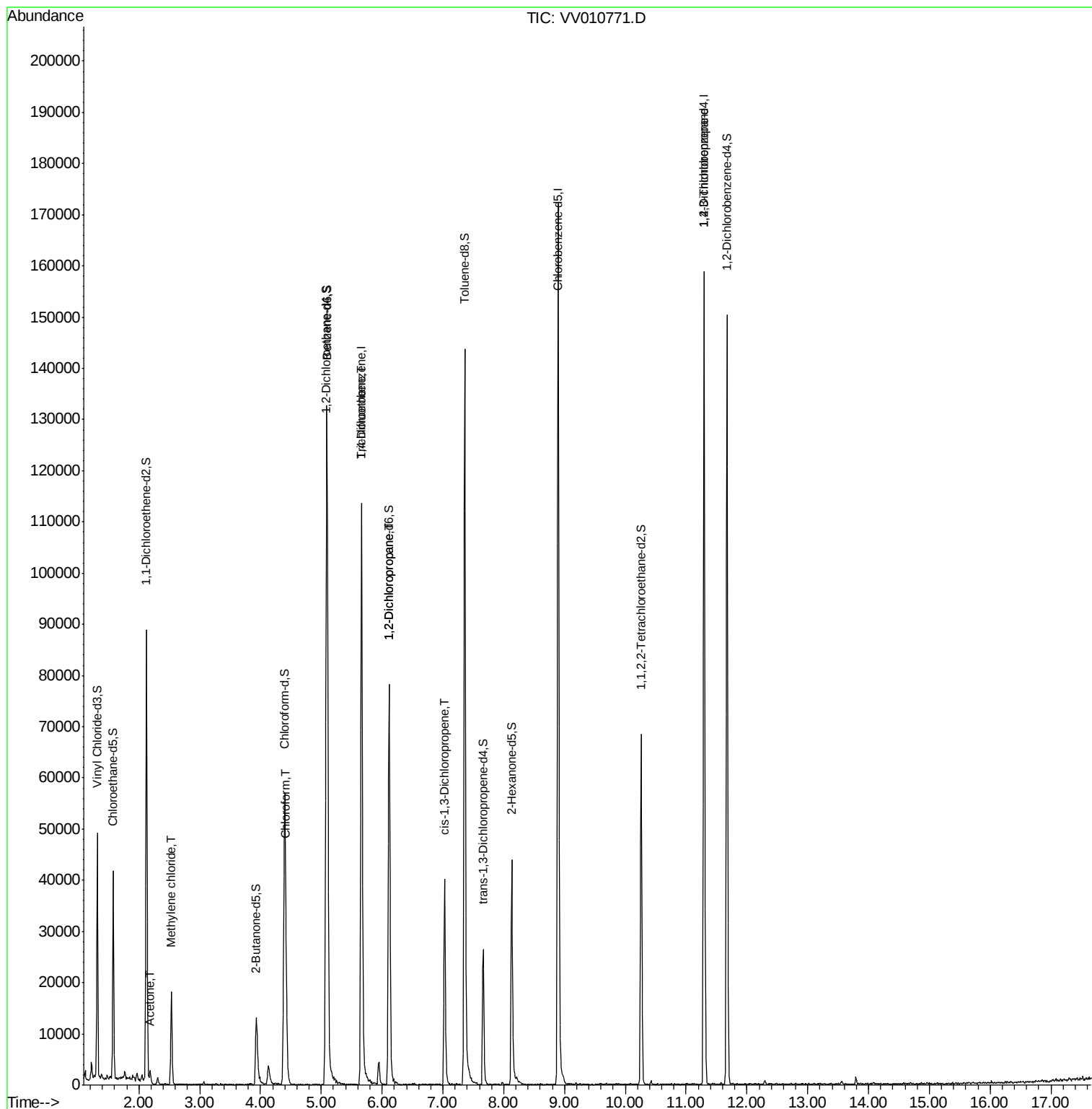
					Qvalue
13) Acetone	2.19	43	1104	1.643 ug/L	80
16) Methylene chloride	2.53	84	6820	4.737 ug/L	94
25) Chloroform	4.42	83	8703	3.088 ug/L	86
35) Trichloroethene	5.67	95	3257	2.157 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4402	3.070 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1198	0.528 ug/L	84
59) 1,2,3-Trichloropropene	11.29	75	5465	4.537 ug/L #	87

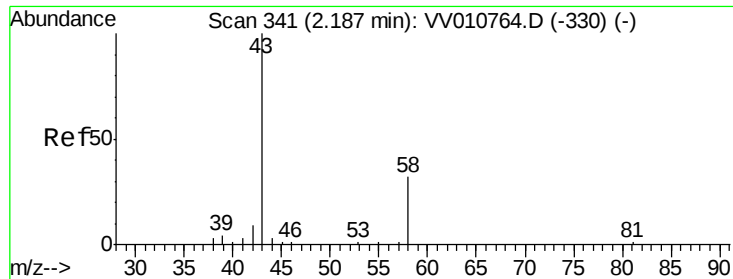
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.643 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010771.D

Acq: 09 May 2019 16:38

Instrument :

MSVOA_V

ClientSampled :

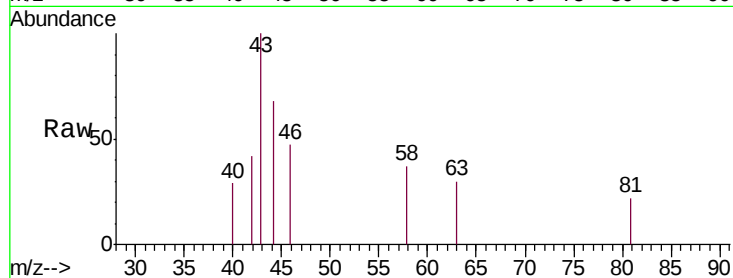
BFHE6

Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

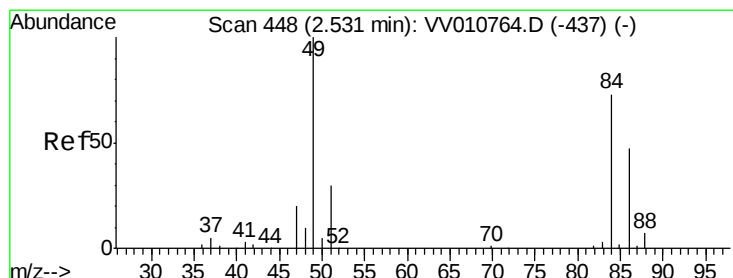
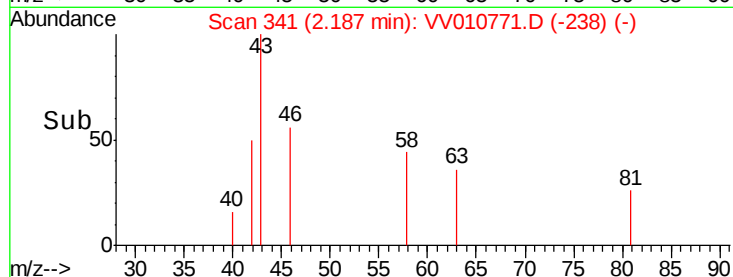
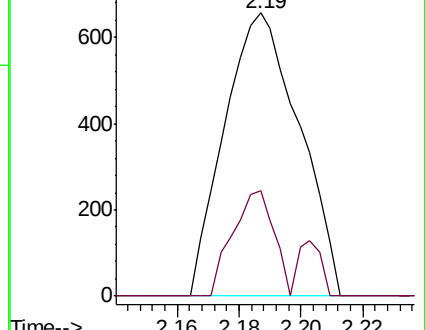
43 100

58 20.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010771.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010771.D (-238) (-)



#16

Methylene chloride

Concen: 4.737 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010771.D

Acq: 09 May 2019 16:38

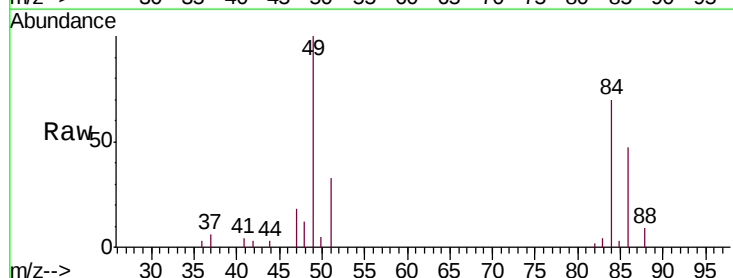
Tgt Ion: 84 Resp: 6820

Ion Ratio Lower Upper

84 100

49 143.5 92.9 172.5

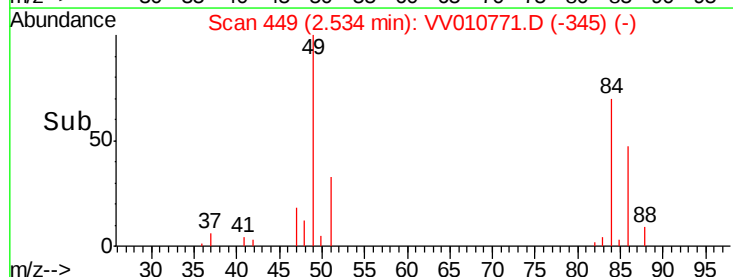
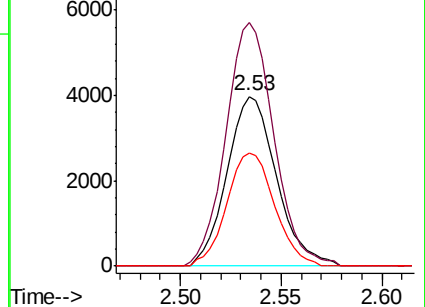
86 66.9 46.5 86.5

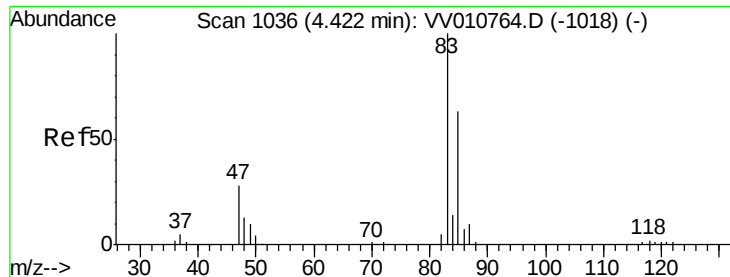


Abundance Ion 84.00 (83.70 to 84.70): VV010771.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV010771.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV010771.D (-345) (-)

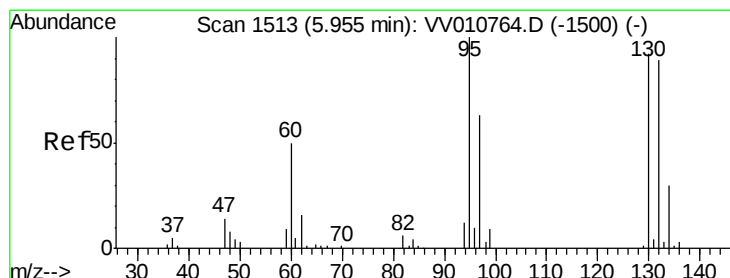
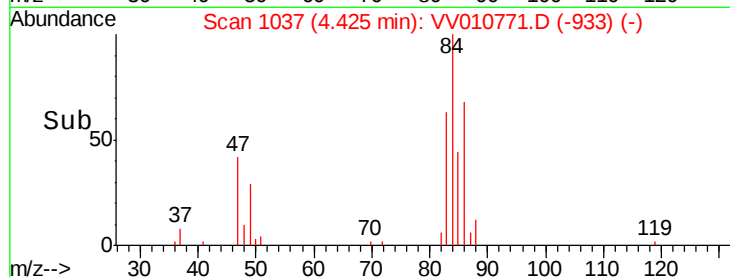
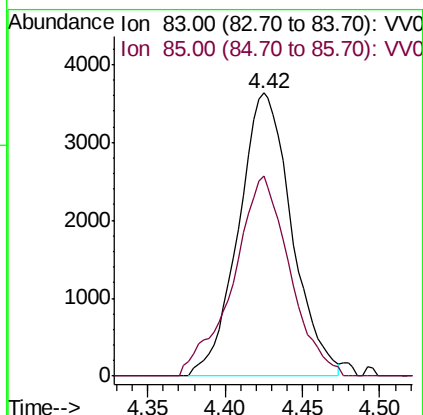
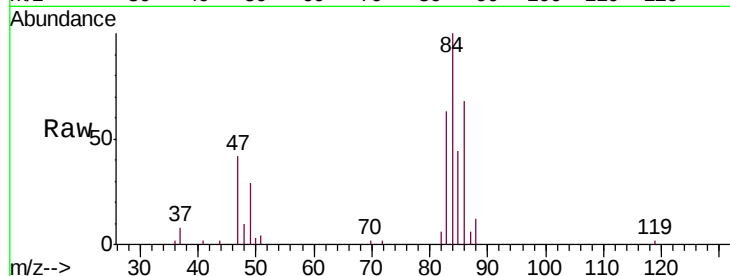




#25
Chloroform
Concen: 3.088 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010771.D
Acq: 09 May 2019 16:38

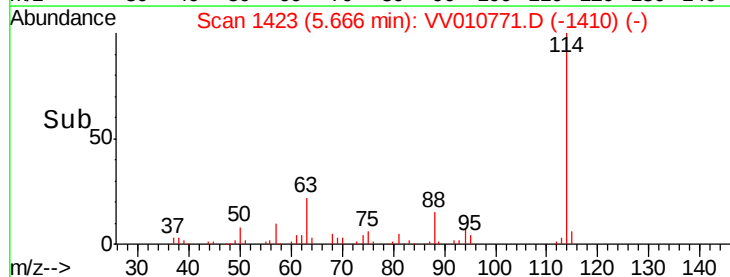
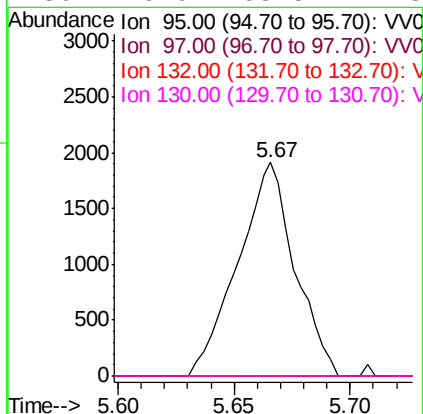
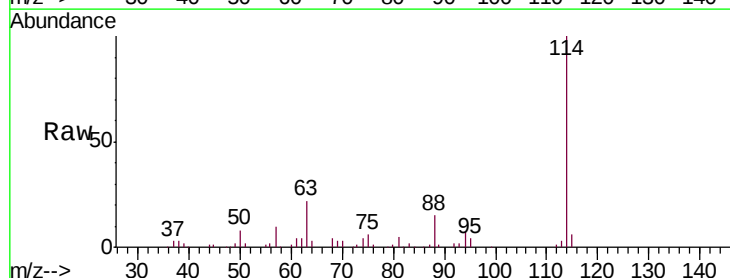
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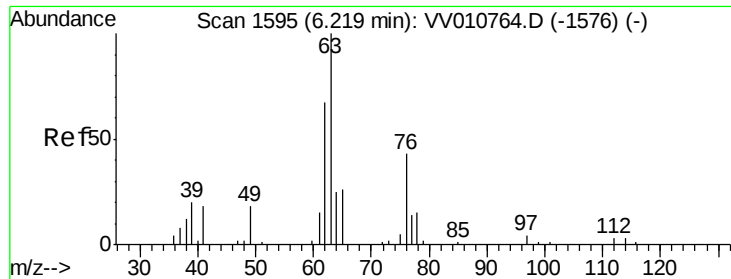
Tgt Ion: 83 Resp: 8703
Ion Ratio Lower Upper
83 100
85 74.5 44.6 82.8



#35
Trichloroethene
Concen: 2.157 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010771.D
Acq: 09 May 2019 16:38

Tgt Ion: 95 Resp: 3257
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#

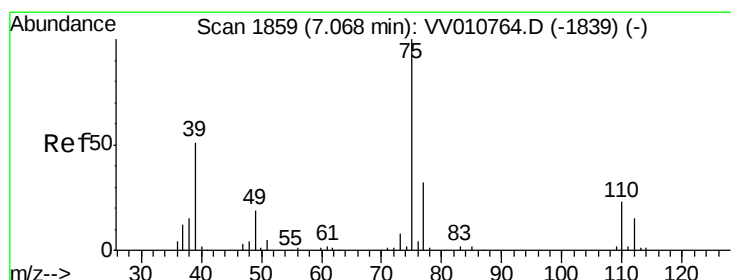
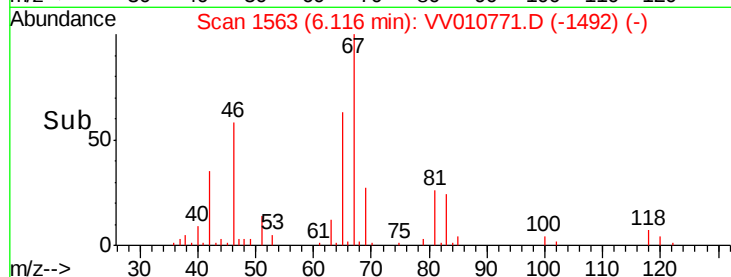
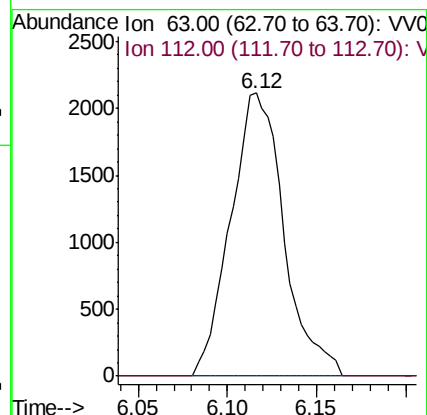
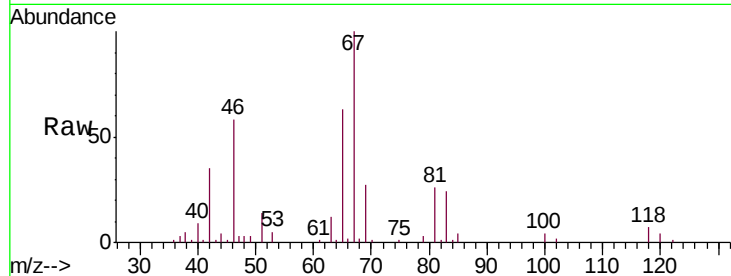




#40
 1,2-Dichloropropane
 Concen: 3.070 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010771.D
 Acq: 09 May 2019 16:38

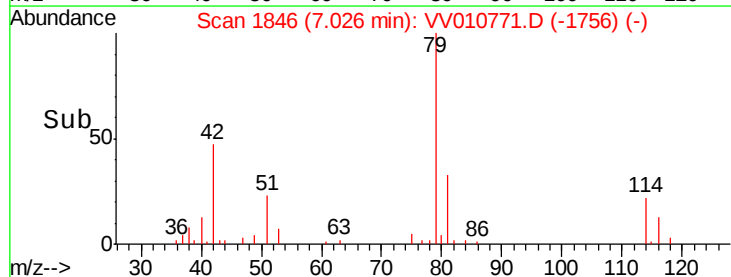
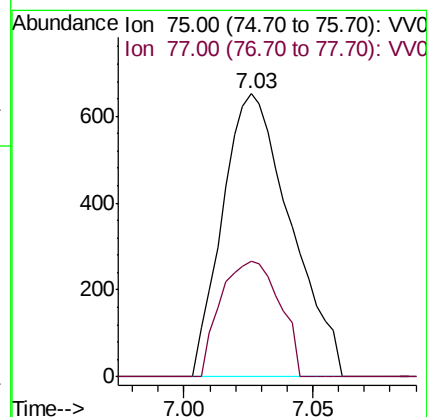
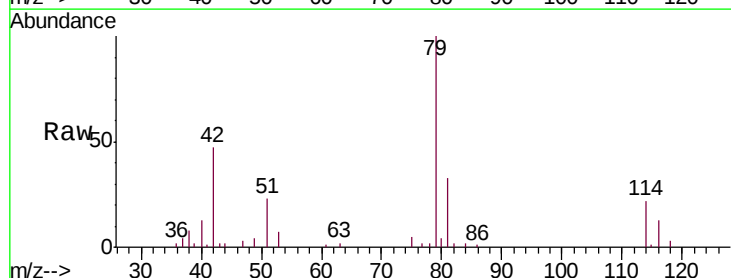
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 BFHE6

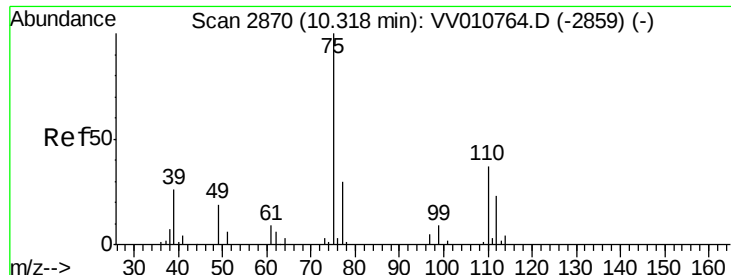
Tgt Ion: 63 Resp: 4402
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.528 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010771.D
 Acq: 09 May 2019 16:38

Tgt Ion: 75 Resp: 1198
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 4.537 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010771.D

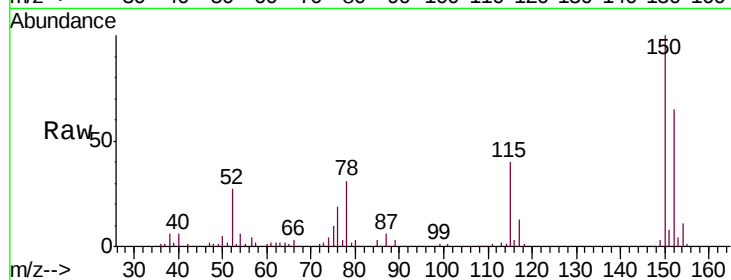
Acq: 09 May 2019 16:38

Instrument :

MSVOA_V

ClientSampleId :

BFHE6



Tgt Ion: 75 Resp: 5465

Ion Ratio Lower Upper

75 100

77 38.4 25.0 37.6#

