

Data File : VV010779.D
Acq On : 09 May 2019 20:49
Operator : SY/MD
Sample : K2690-14RE
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5160RE

Quant Time: May 10 05:47:52 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	79879	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	73118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24577	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
7) Chloroethane-d5	1.57	69	26372	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
10) 1,1-Dichloroethene-d2	2.13	63	41619	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	3.93	46	23516	63.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.30%
24) Chloroform-d	4.40	84	57276	26.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	38888	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	5.10	84	103124	26.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.20%
33) 1,2-Dichloropropane-d6	6.12	67	35527	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.88%
37) Toluene-d8	7.36	98	82175	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	7.66	79	14032	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	8.13	63	17229	67.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33495	29.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	21260	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

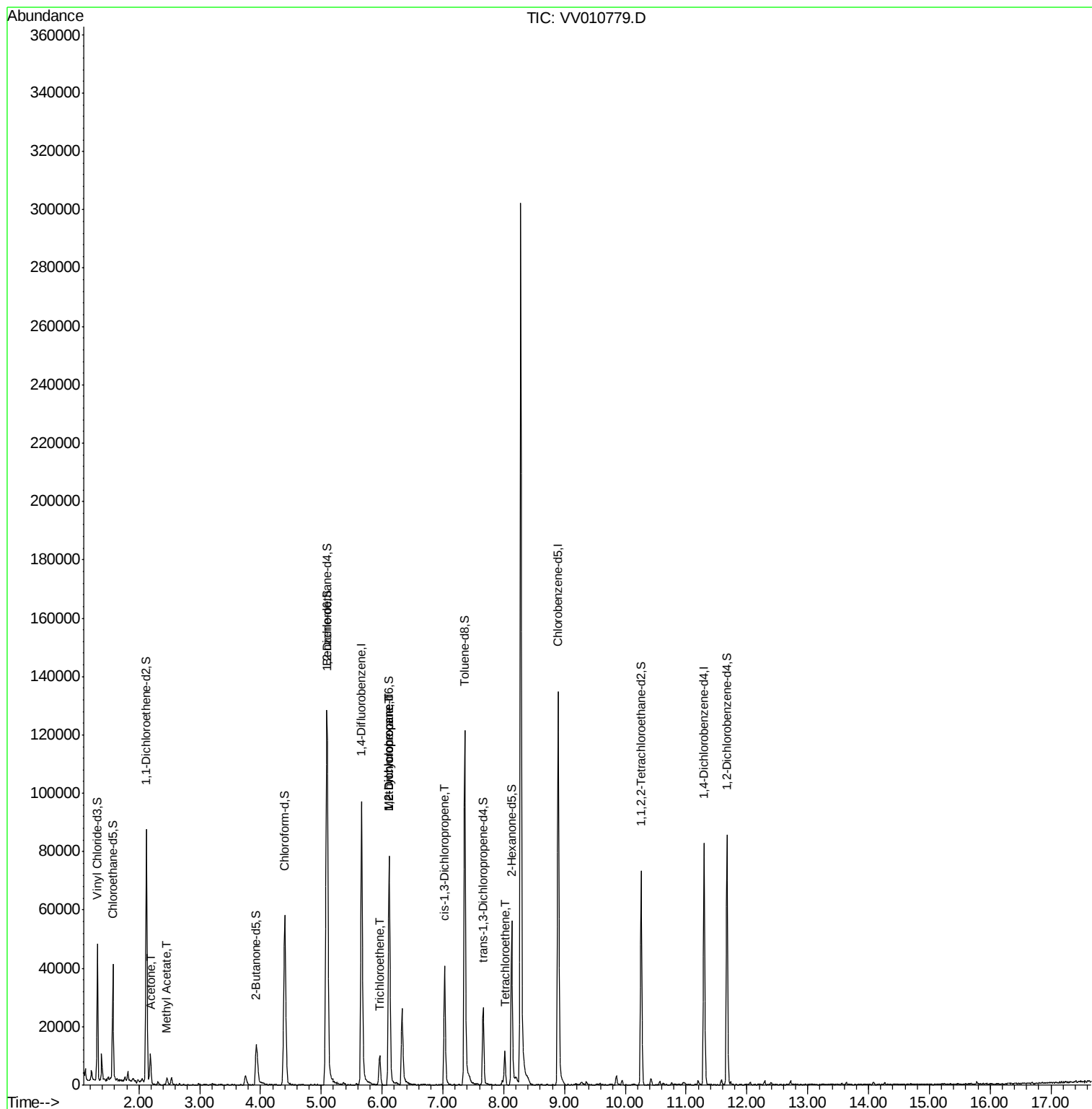
					Qvalue
13) Acetone	2.19	43	8558	14.845 ug/L	95
15) Methyl Acetate	2.46	43	2749	3.992 ug/L	97
35) Trichloroethene	5.96	95	3188	2.652 ug/L	95
36) Methylcyclohexane	6.12	83	9131	4.738 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	4262	3.733 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1185	0.656 ug/L	91
47) Tetrachloroethene	8.02	164	2301	2.643 ug/L	90

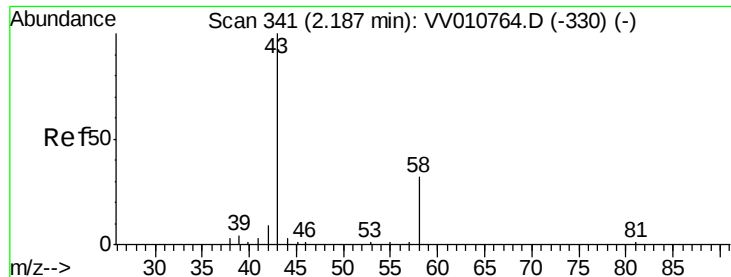
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.845 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 09 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

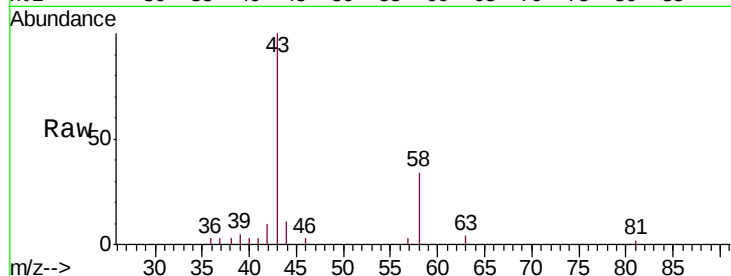
A5160RE

Tgt Ion: 43 Resp: 8558

Ion Ratio Lower Upper

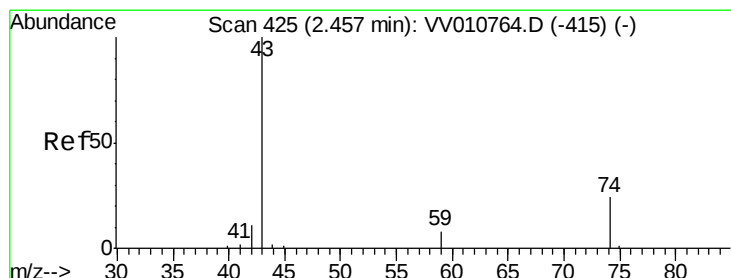
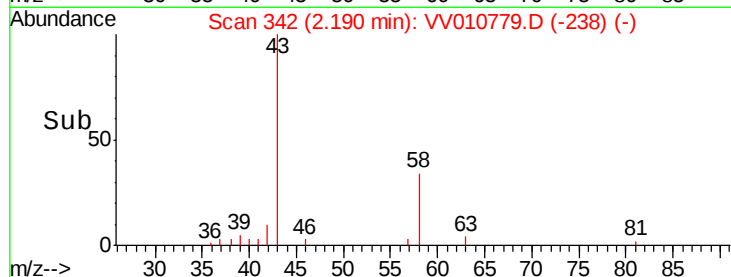
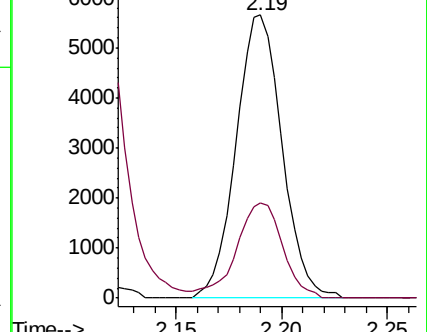
43 100

58 34.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010779.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010779.D (-330) (-)



#15

Methyl Acetate

Concen: 3.992 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010779.D

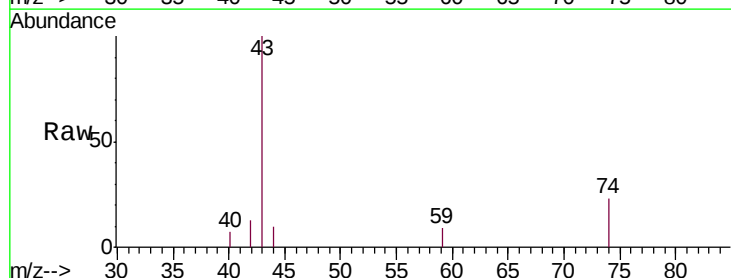
Acq: 09 May 2019 20:49

Tgt Ion: 43 Resp: 2749

Ion Ratio Lower Upper

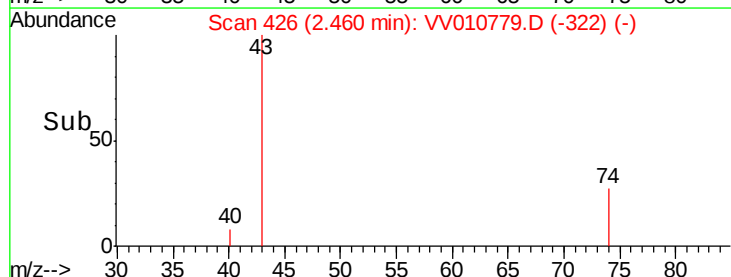
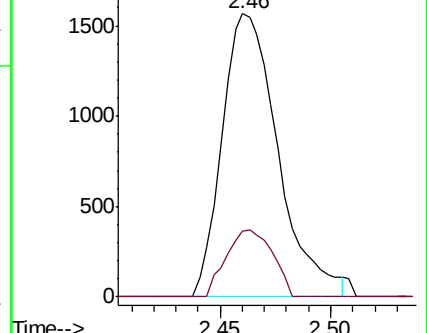
43 100

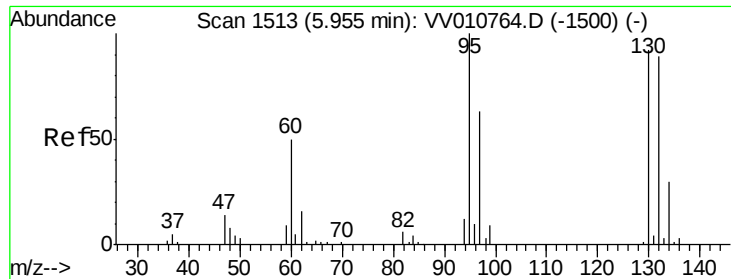
74 19.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV010779.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV010779.D (-415) (-)





#35

Trichloroethene

Concen: 2.652 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

A5160RE

Tgt Ion: 95 Resp: 3188

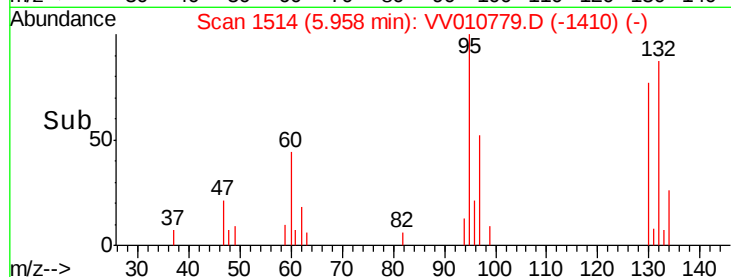
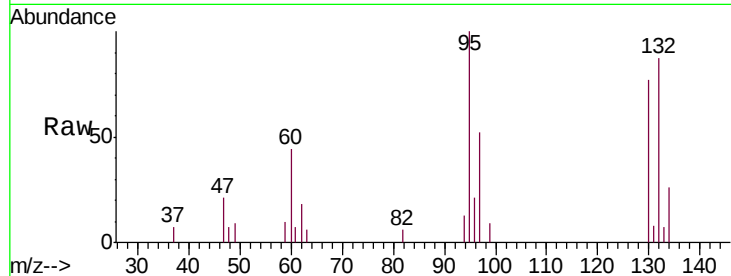
Ion Ratio Lower Upper

95 100

97 63.8 44.3 82.3

132 93.2 62.4 115.8

130 90.4 68.5 127.3

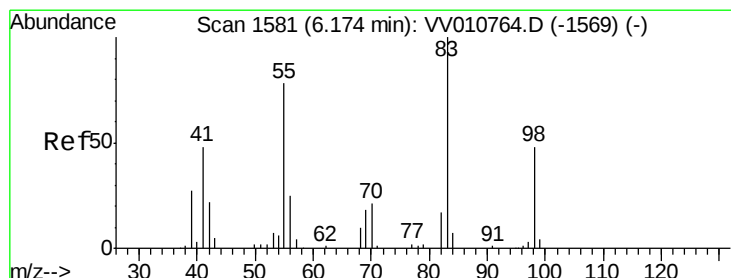
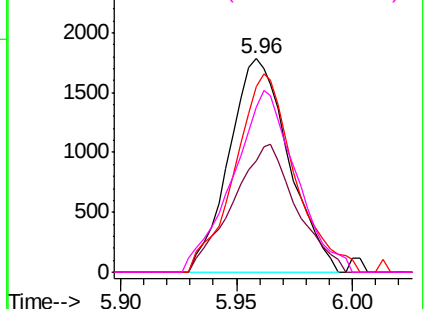


Abundance Ion 95.00 (94.70 to 95.70): VV010779.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV010779.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010779.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010779.D (-1410) (-)



#36

Methylcyclohexane

Concen: 4.738 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

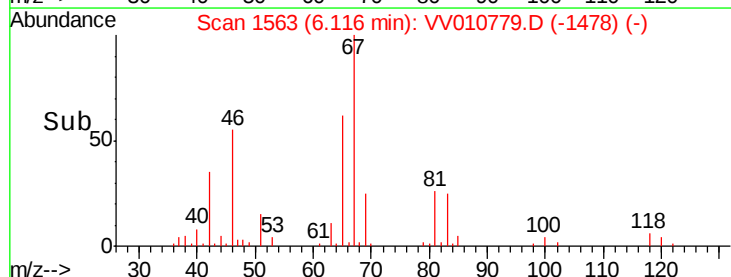
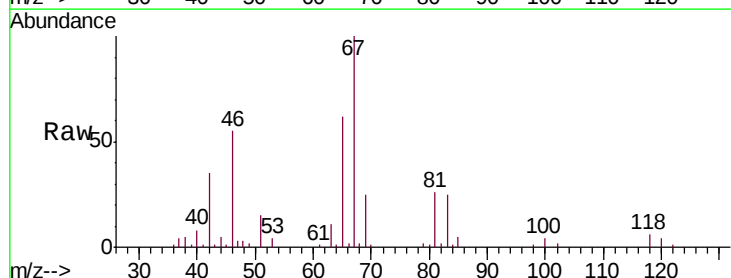
Tgt Ion: 83 Resp: 9131

Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

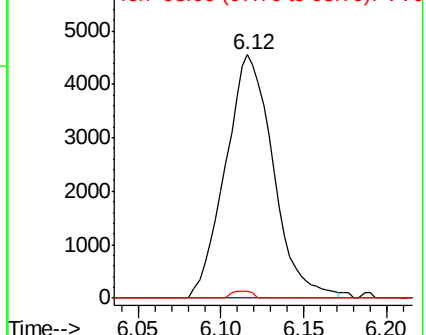
98 1.2 37.7 56.5#

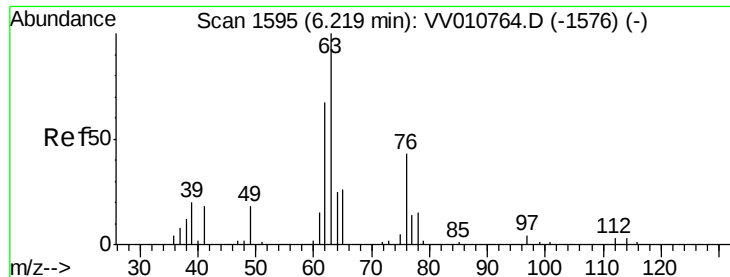


Abundance Ion 83.00 (82.70 to 83.70): VV010779.D (-1478) (-)

Ion 55.00 (54.70 to 55.70): VV010779.D (-1478) (-)

Ion 98.00 (97.70 to 98.70): VV010779.D (-1478) (-)

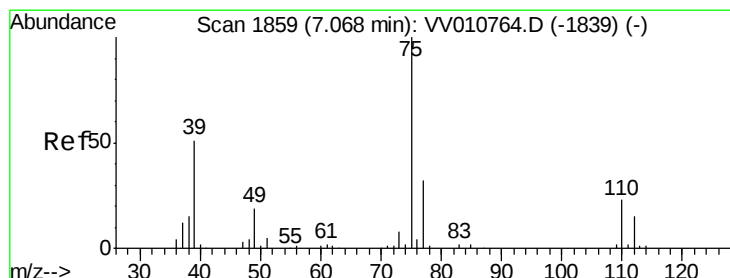
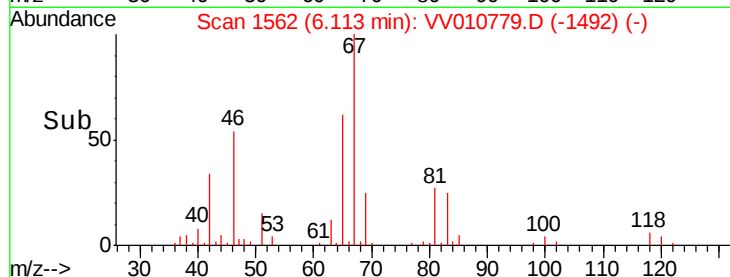
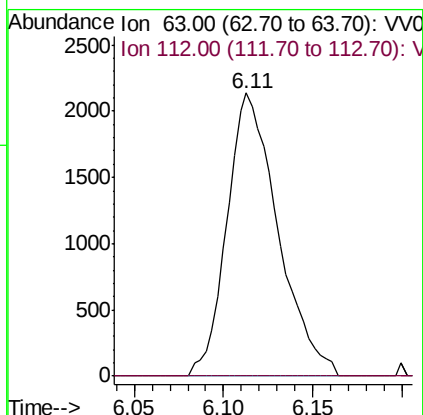
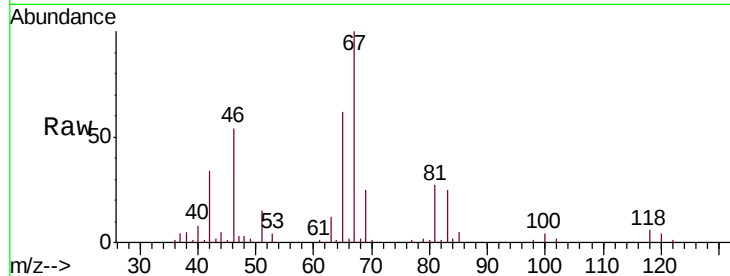




#40
 1,2-Dichloropropane
 Concen: 3.733 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010779.D
 Acq: 09 May 2019 20:49

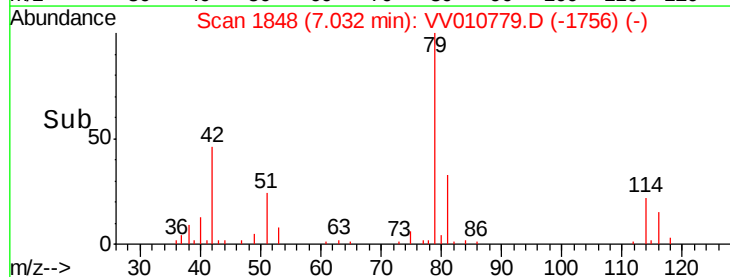
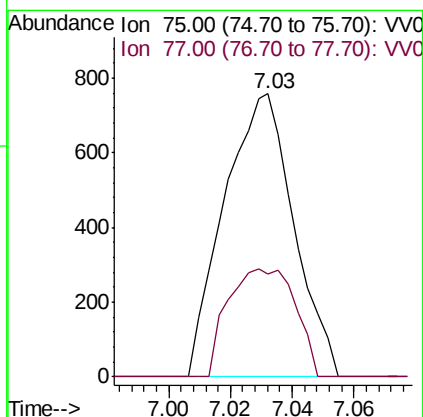
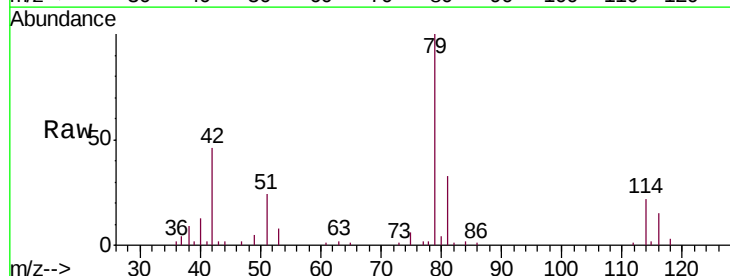
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 MSVOA_V
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 A5160RE

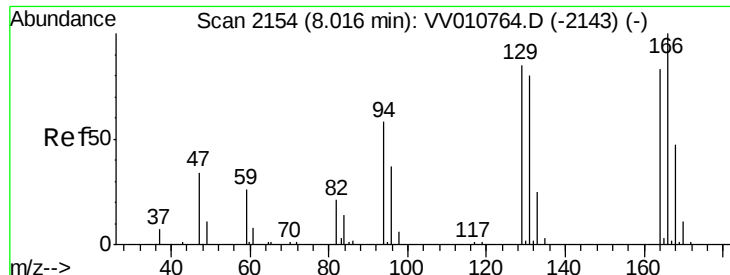
Tgt Ion: 63 Resp: 4262
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.656 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010779.D
 Acq: 09 May 2019 20:49

Tgt Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.3 41.3





#47

Tetrachloroethene

Concen: 2.643 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

A5160RE

Tgt Ion:164 Resp: 2301

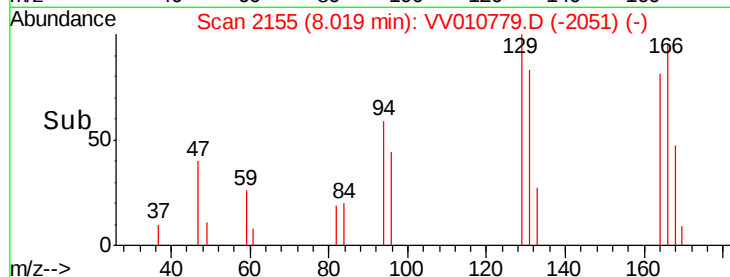
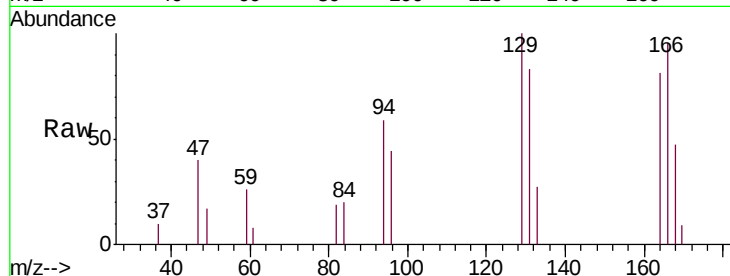
Ion Ratio Lower Upper

164 100

129 123.5 69.3 128.7

131 102.7 67.3 125.1

166 117.1 81.1 150.7



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

