

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012592.D
 Acq On : 06 Sep 2019 11:29
 Operator : SY/MD
 Sample : K4685-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD80

Quant Time: Sep 06 11:49:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 03:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152940	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157403	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67867	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	66497	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	111881	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.97	46	165439	59.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.62%
24) Chloroform-d	4.40	84	107210	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	61589	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.10	84	194284	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	66349	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	151322	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	20015	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	80267	46.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45604	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	49399	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

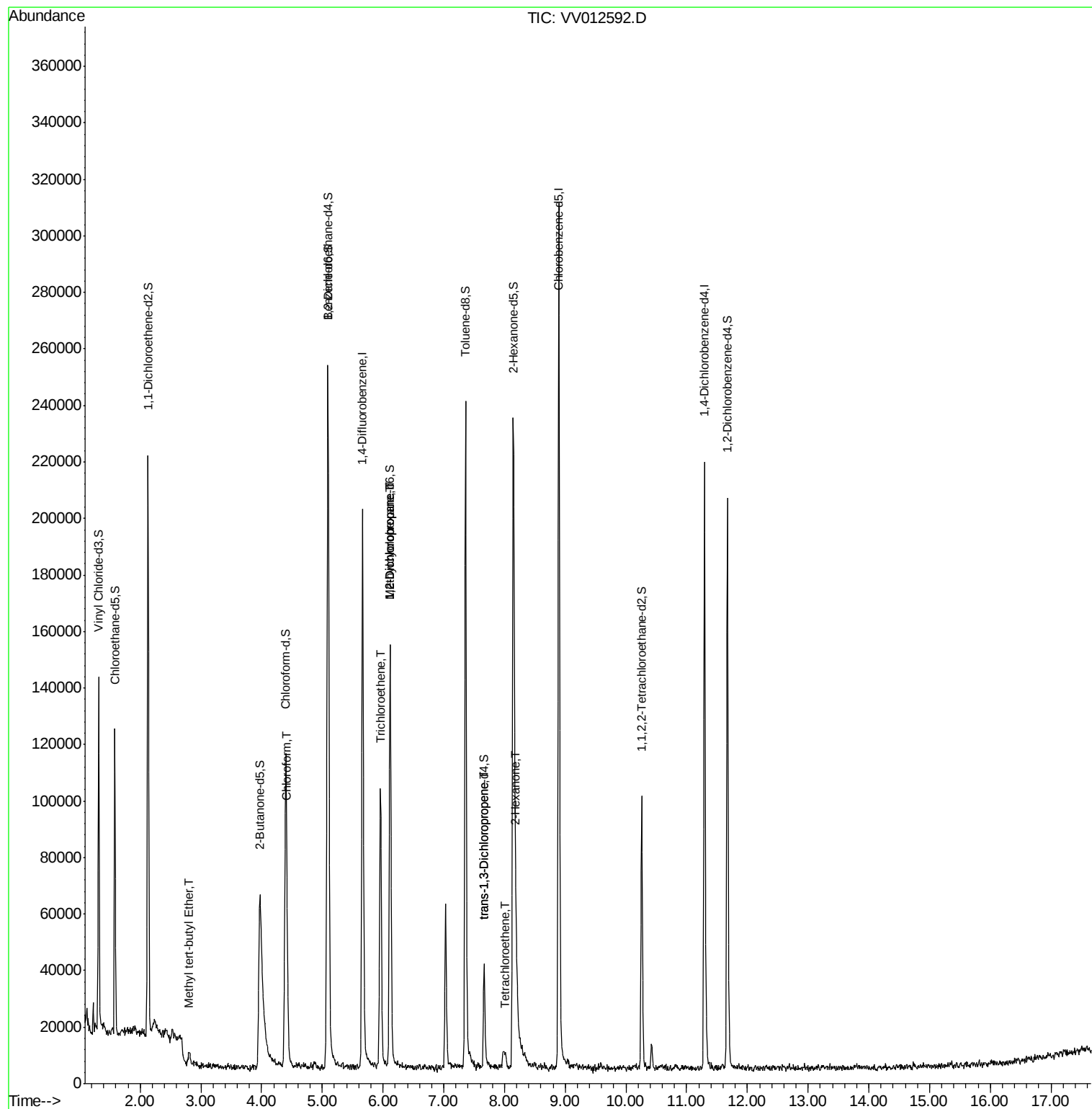
					Qvalue
17) Methyl tert-butyl Ether	2.81	73	4000	0.136 ug/L #	54
25) Chloroform	4.42	83	10140	0.337 ug/L	98
34) Trichloroethene	5.96	95	32099	2.022 ug/L	97
35) Methylcyclohexane	6.12	83	16415	0.693 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8218	0.550 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1245	0.083 ug/L	85
47) Tetrachloroethene	8.01	164	1103	0.095 ug/L #	76
48) 2-Hexanone	8.19	43	15860	2.524 ug/L #	94

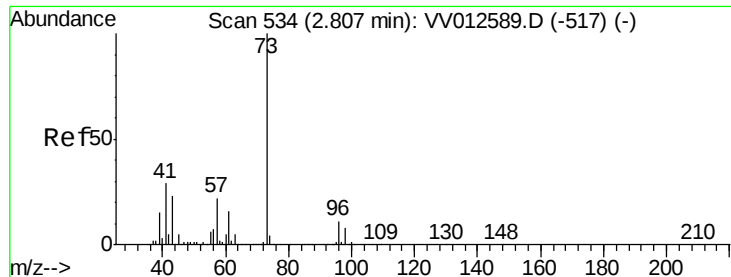
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 03:49:26 2019
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.136 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012592.D

Acq: 06 Sep 2019 11:29

Instrument :

MSVOA_V

ClientSampleId :

BFD80

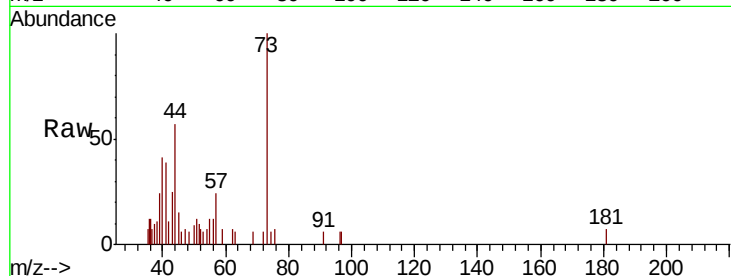
Tgt Ion: 73 Resp: 4000

Ion Ratio Lower Upper

73 100

43 2.3 18.9 28.3#

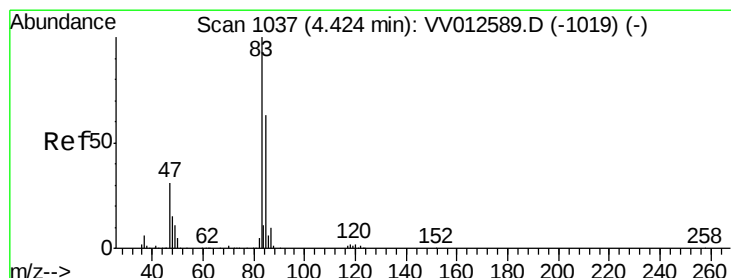
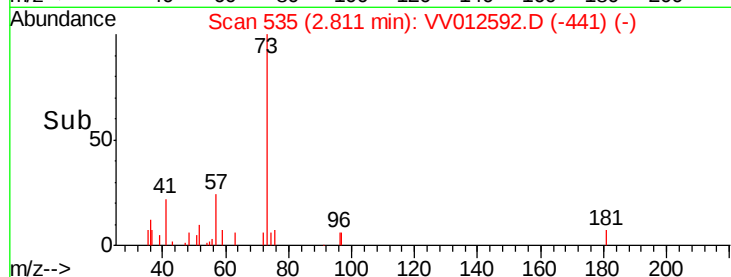
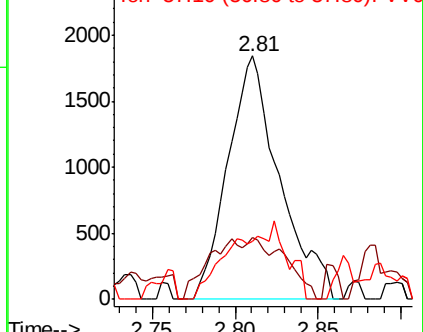
57 0.0 18.9 28.3#



Abundance Ion 73.10 (72.80 to 73.80): VV012589.D (-517) (-)

Ion 43.05 (42.75 to 43.75): VV012589.D (-517) (-)

Ion 57.10 (56.80 to 57.80): VV012589.D (-517) (-)



#25

Chloroform

Concen: 0.337 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012592.D

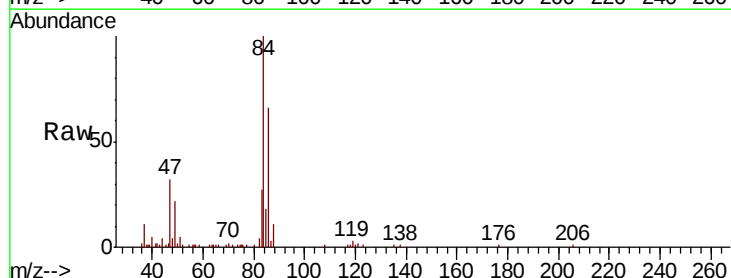
Acq: 06 Sep 2019 11:29

Tgt Ion: 83 Resp: 10140

Ion Ratio Lower Upper

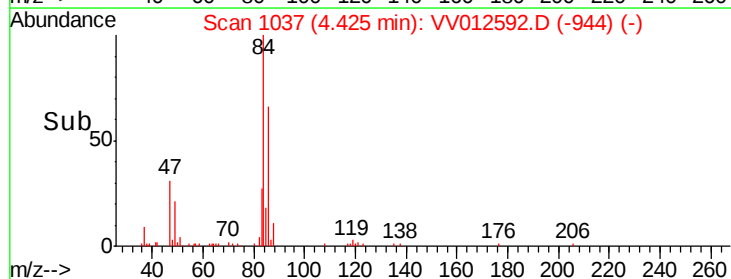
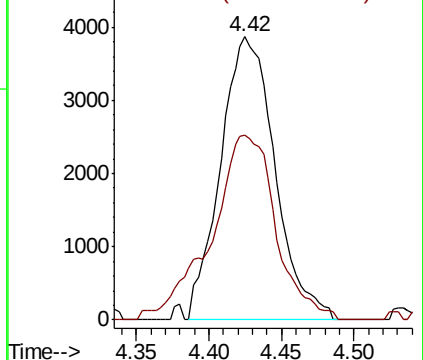
83 100

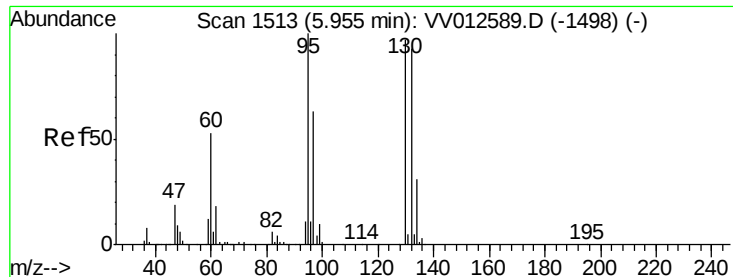
85 65.1 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012589.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012589.D (-1019) (-)





#34

Trichloroethene

Concen: 2.022 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012592.D

Acq: 06 Sep 2019 11:29

Instrument :

MSVOA_V

ClientSampleId :

BFD80

Tgt Ion: 95 Resp: 32099

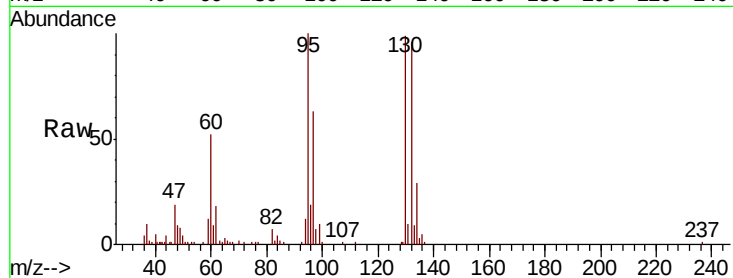
Ion Ratio Lower Upper

95 100

97 62.6 43.9 81.5

132 96.2 64.8 120.4

130 99.4 67.1 124.7

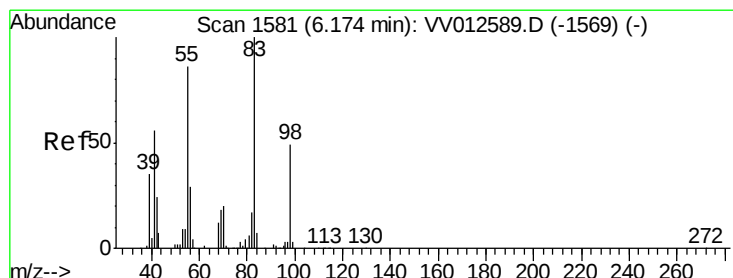
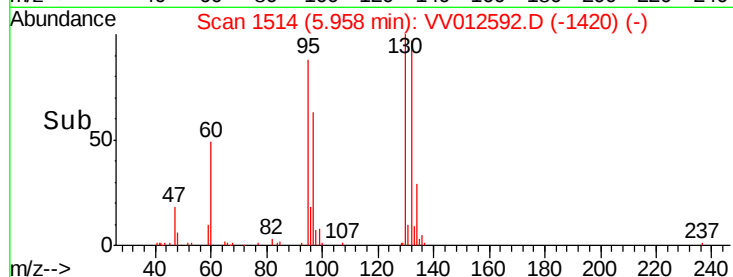
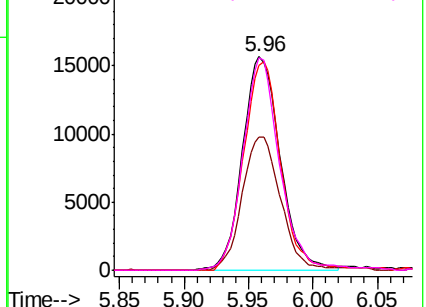


Abundance Ion 95.00 (94.70 to 95.70): VV012589.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012589.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012589.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012589.D (-1498) (-)



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012592.D

Acq: 06 Sep 2019 11:29

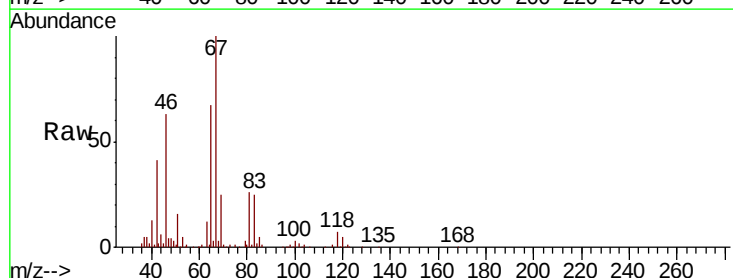
Tgt Ion: 83 Resp: 16415

Ion Ratio Lower Upper

83 100

55 2.2 69.0 103.6#

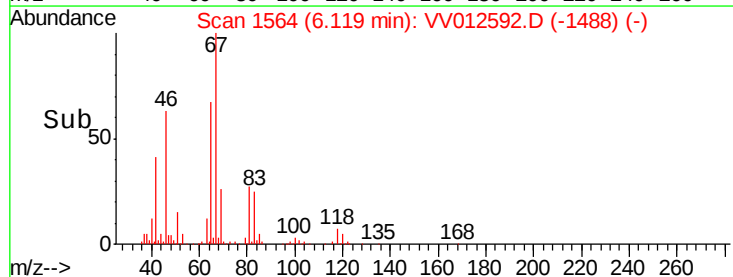
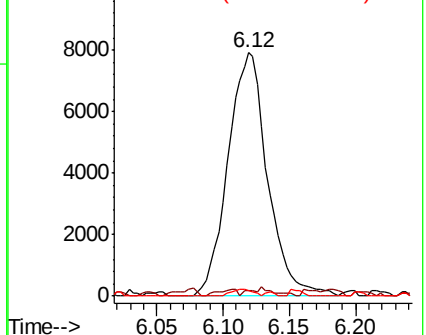
98 1.5 38.0 57.0#

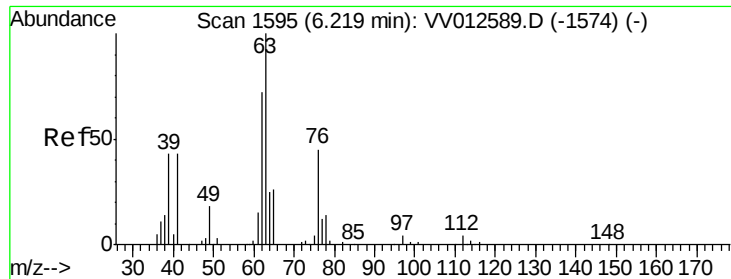


Abundance Ion 83.15 (82.85 to 83.85): VV012589.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012589.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012589.D (-1569) (-)

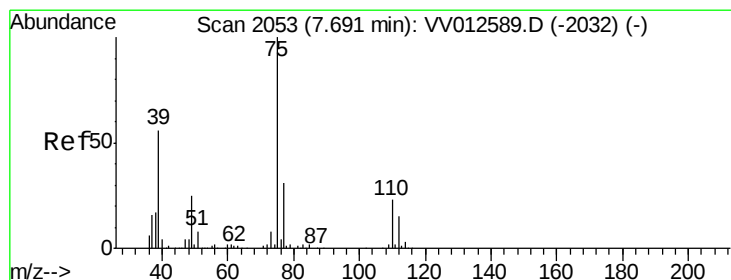
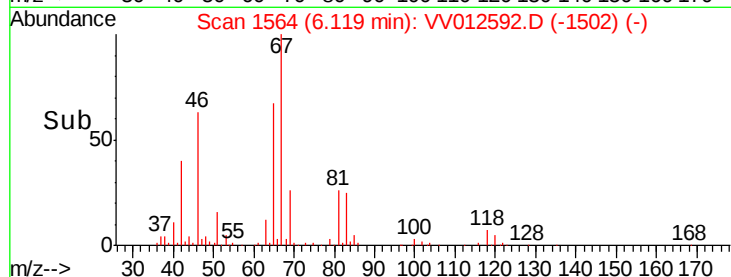
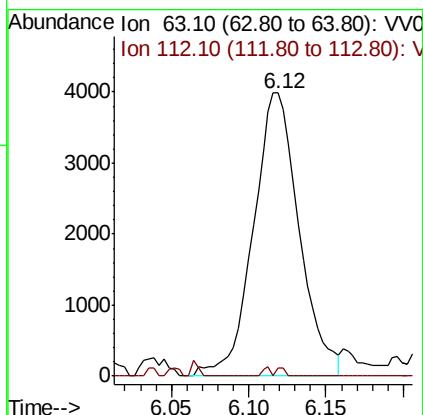
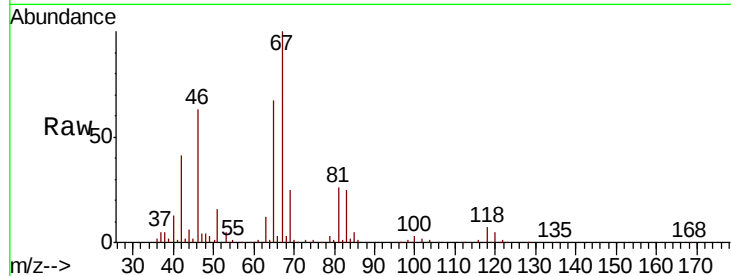




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012592.D
 Acq: 06 Sep 2019 11:29

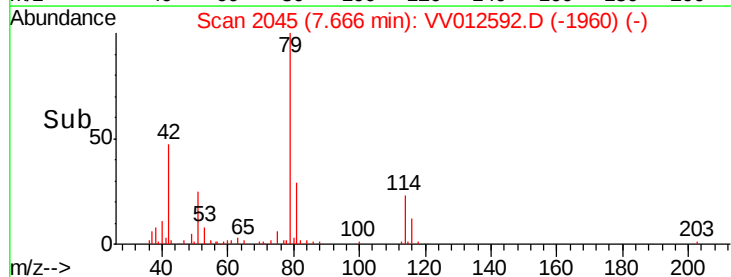
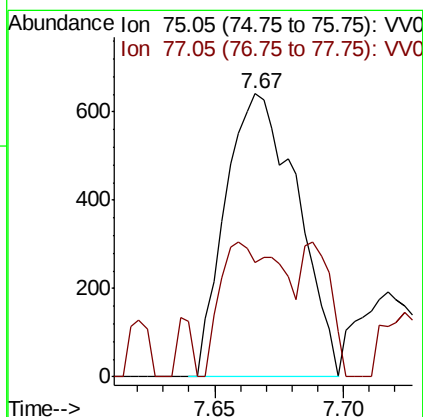
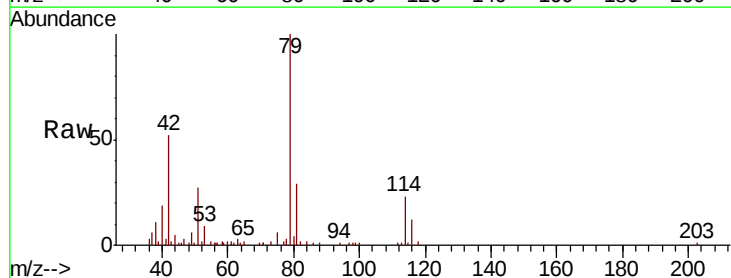
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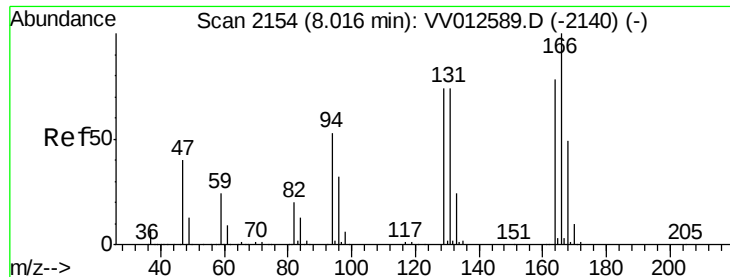
Tgt Ion: 63 Resp: 8218
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.9 5.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012592.D
 Acq: 06 Sep 2019 11:29

Tgt Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.5 41.7

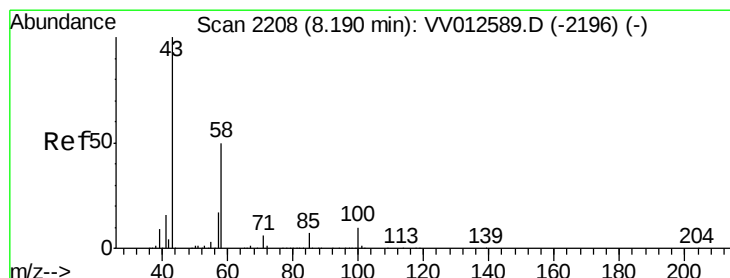
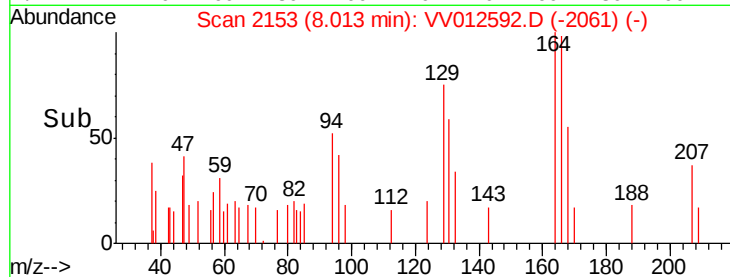
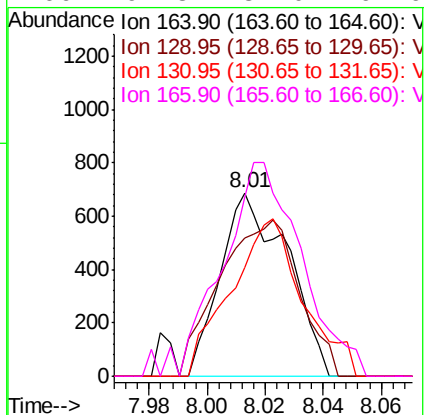
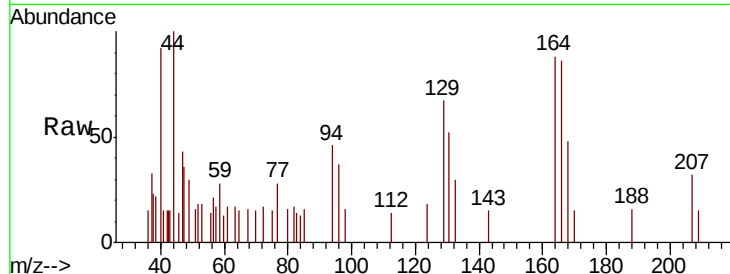




#47
Tetrachloroethene
Concen: 0.095 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV012592.D
Acq: 06 Sep 2019 11:29

Instrument :
MSVOA_V
ClientSampleId :
BFD80

Tgt Ion:164 Resp: 1103
Ion Ratio Lower Upper
164 100
129 75.4 65.0 120.6
131 59.3 62.0 115.2#
166 97.8 87.0 161.6



#48
2-Hexanone
Concen: 2.524 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012592.D
Acq: 06 Sep 2019 11:29

Tgt Ion: 43 Resp: 15860
Ion Ratio Lower Upper
43 100
58 48.5 39.3 58.9
57 7.1 12.9 19.3#
100 8.9 8.0 12.0

