

Data File : VV013559.D
Acq On : 09 Nov 2019 00:09
Operator : SY/MD
Sample : K5747-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J19

Quant Time: Nov 09 01:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 01:14:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76496	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	71880	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	97435	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	253649	45.86	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	4.40	84	201563	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	116233	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.09	84	370395	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	132986	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	274472	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.66	79	44164	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	178185	46.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96044	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150820	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

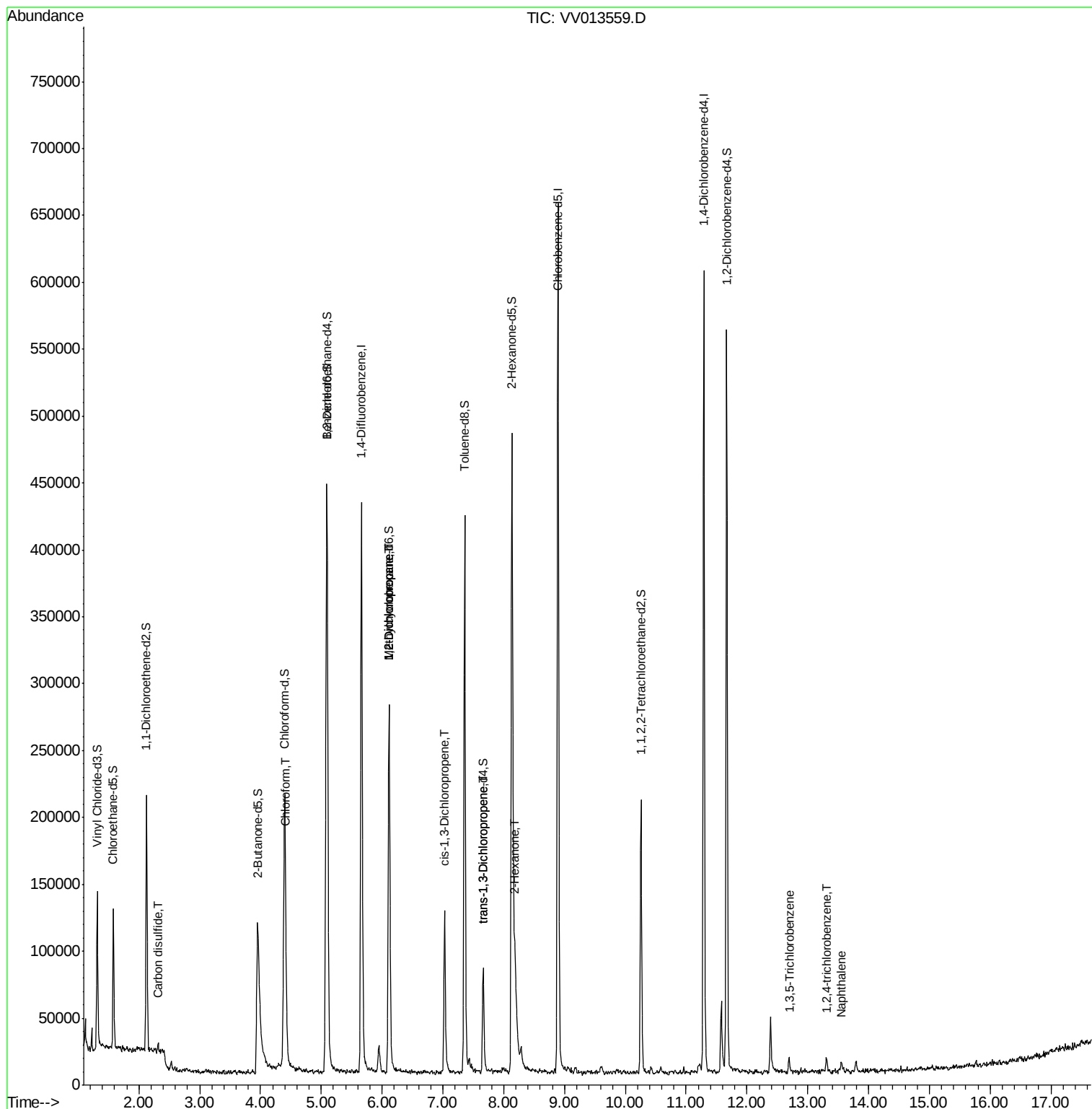
					Qvalue	
14) Carbon disulfide	2.32	76	5238	0.079	ug/L #	82
25) Chloroform	4.42	83	16692	0.300	ug/L	99
35) Methylcyclohexane	6.11	83	32382	0.702	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15306	0.553	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	3546	0.092	ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	2322	0.077	ug/L	96
48) 2-Hexanone	8.18	43	37413	3.320	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.69	180	3053	0.072	ug/L #	94
68) 1,2,4-trichlorobenzene	13.31	180	3412	0.101	ug/L #	83
69) Naphthalene	13.56	128	5953	0.131	ug/L #	93

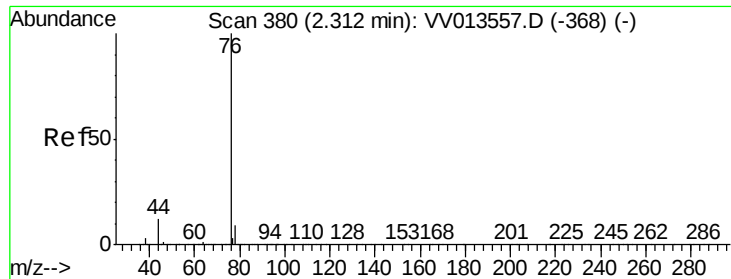
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.079 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013559.D

Acq: 09 Nov 2019 00:09

Instrument :

MSVOA_V

ClientSampleId :

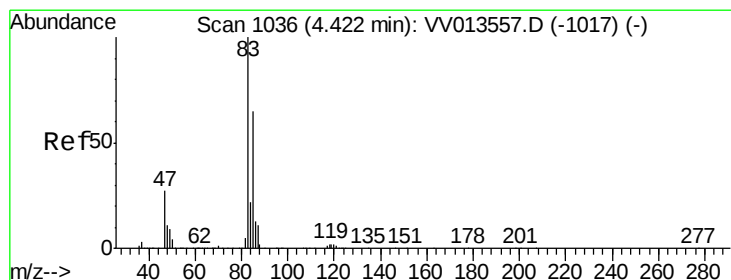
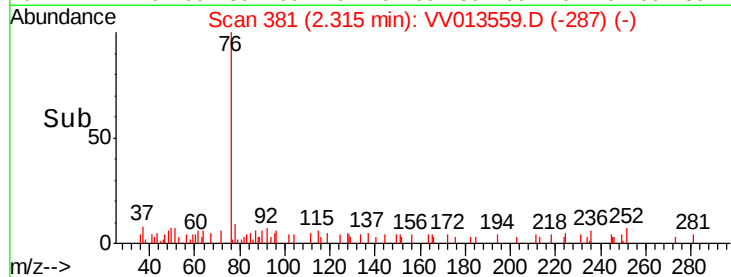
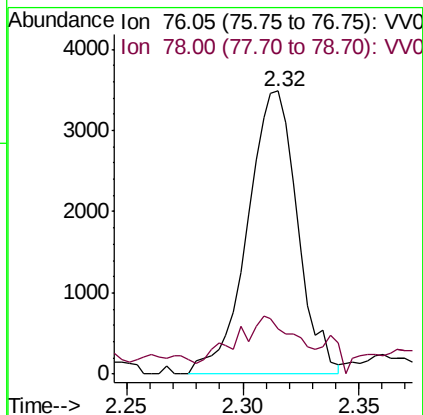
F2J19

Tgt Ion: 76 Resp: 5238

Ion Ratio Lower Upper

76 100

78 16.1 7.5 11.3#



#25

Chloroform

Concen: 0.300 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV013559.D

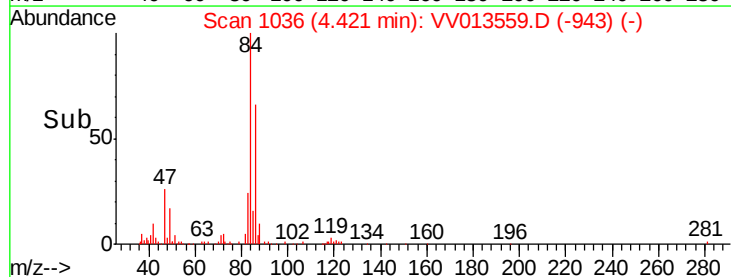
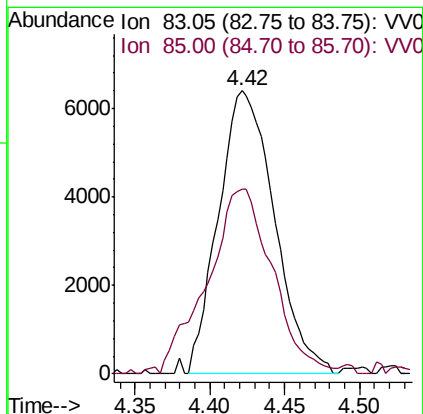
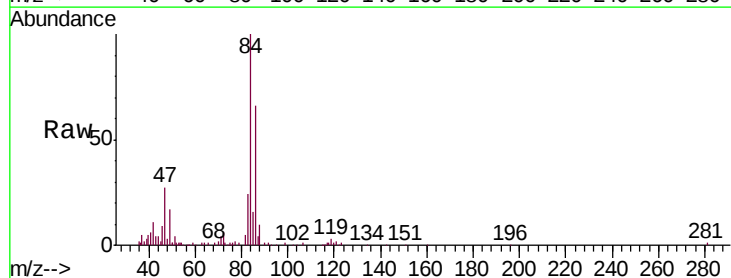
Acq: 09 Nov 2019 00:09

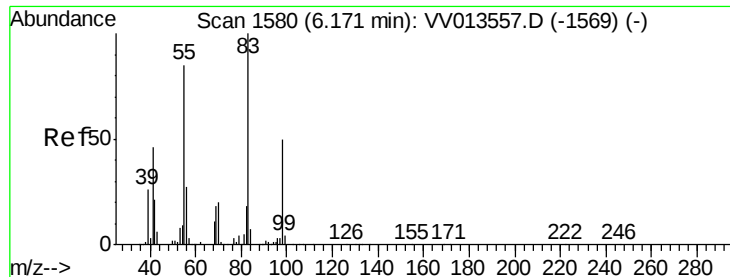
Tgt Ion: 83 Resp: 16692

Ion Ratio Lower Upper

83 100

85 65.1 46.3 86.1

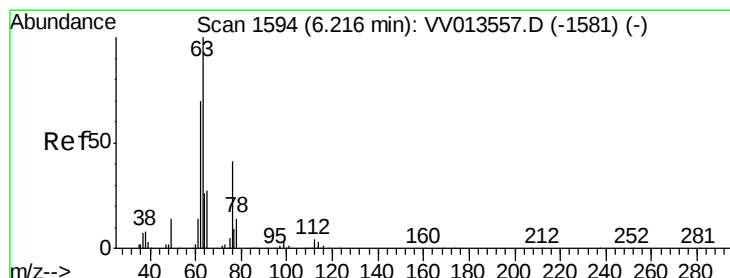
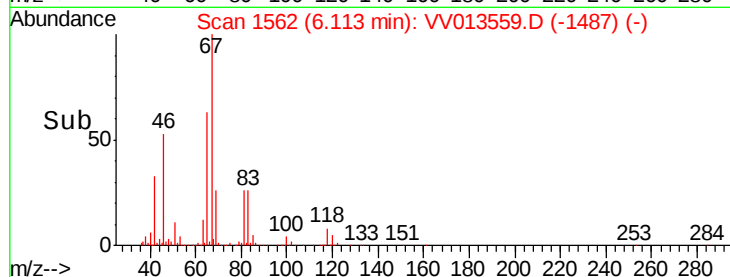
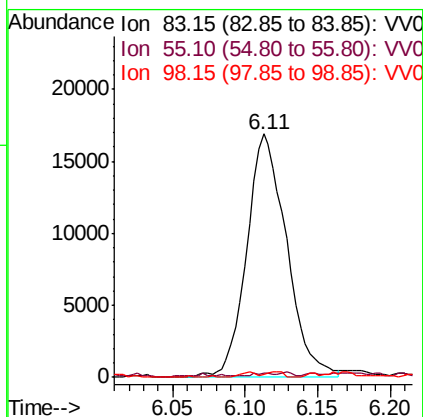
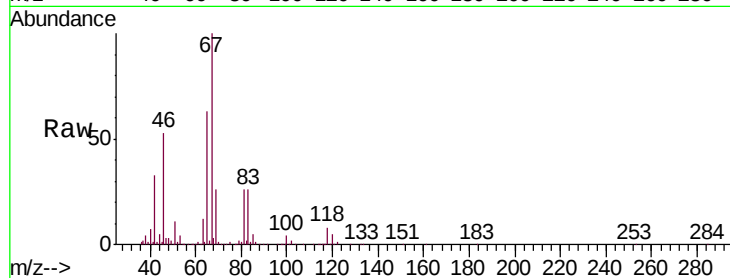




#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013559.D
Acq: 09 Nov 2019 00:09

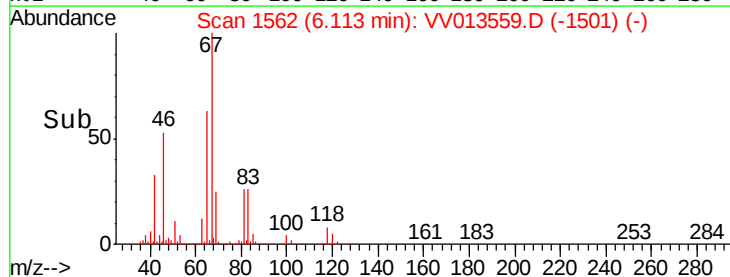
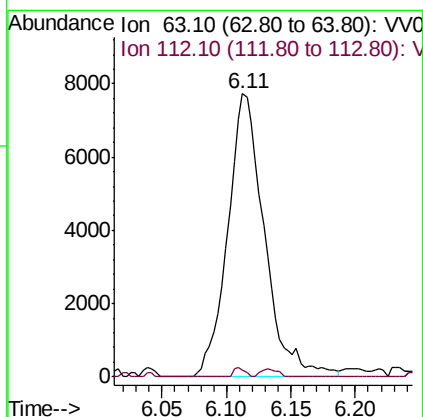
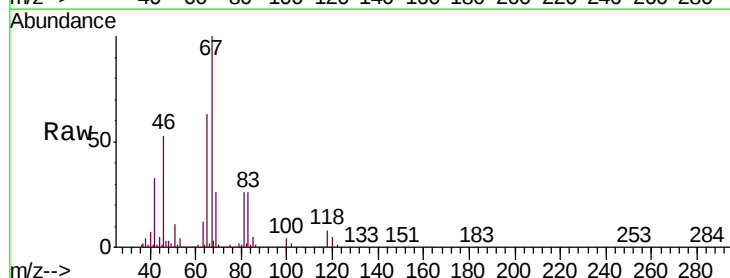
Instrument :
MSVOA_V
ClientSampleId :
F2J19

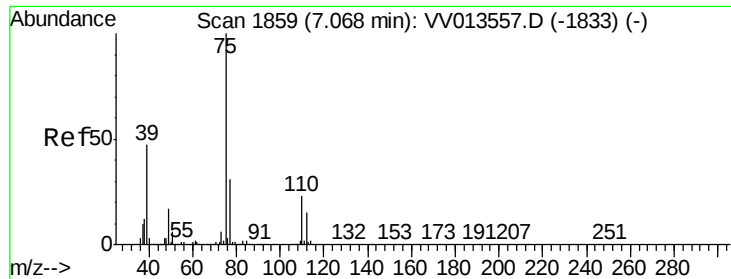
Tgt Ion: 83 Resp: 32382
Ion Ratio Lower Upper
83 100
55 0.3 63.8 95.8#
98 1.0 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013559.D
Acq: 09 Nov 2019 00:09

Tgt Ion: 63 Resp: 15306
Ion Ratio Lower Upper
63 100
112 1.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013559.D

Acq: 09 Nov 2019 00:09

Instrument :

MSVOA_V

ClientSampleId :

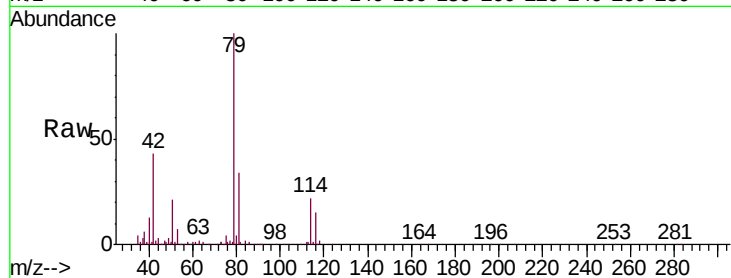
F2J19

Tgt Ion: 75 Resp: 3546

Ion Ratio Lower Upper

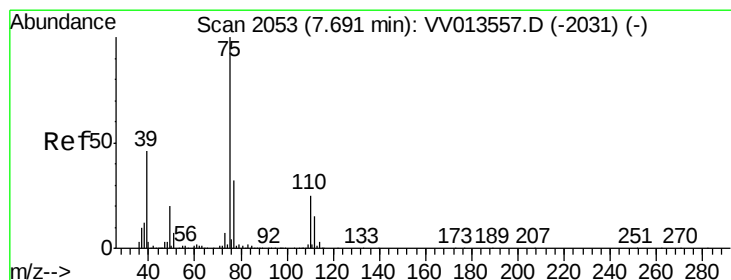
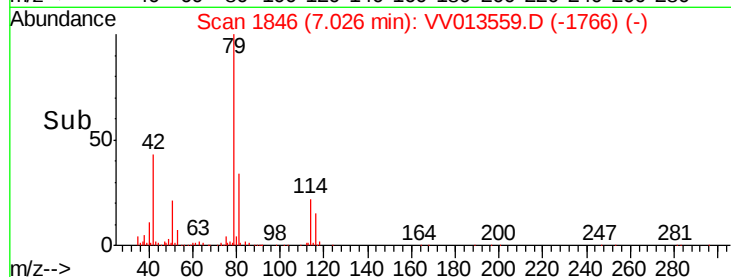
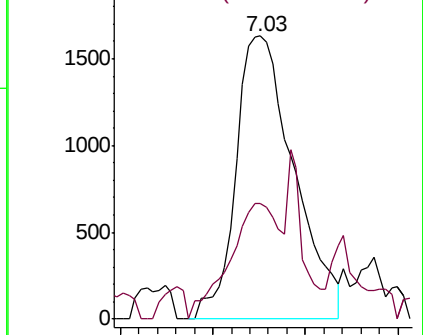
75 100

77 41.1 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013559.D

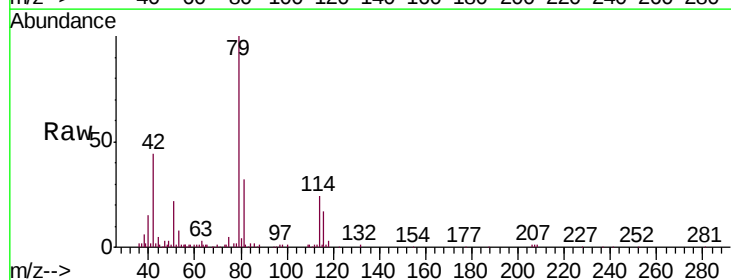
Acq: 09 Nov 2019 00:09

Tgt Ion: 75 Resp: 2322

Ion Ratio Lower Upper

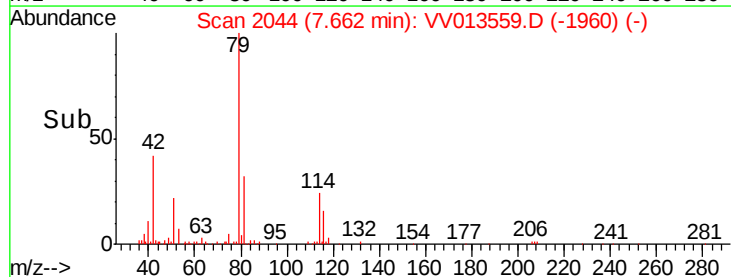
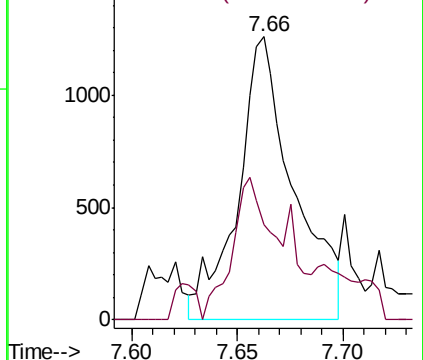
75 100

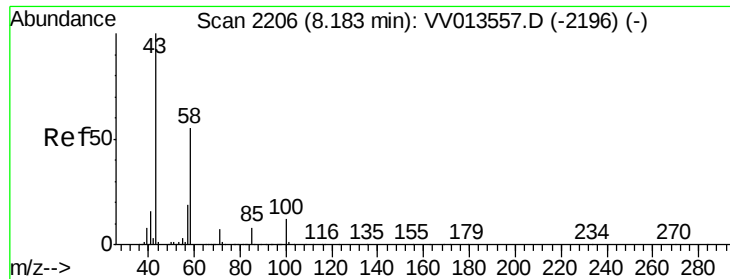
77 33.8 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

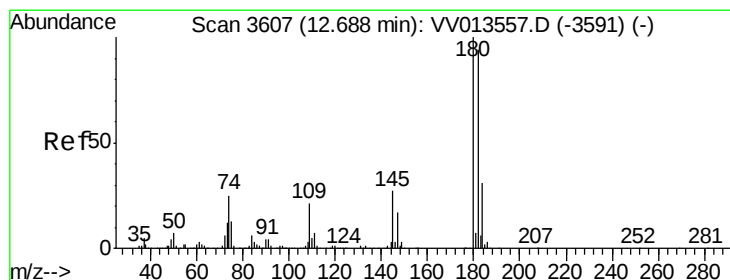
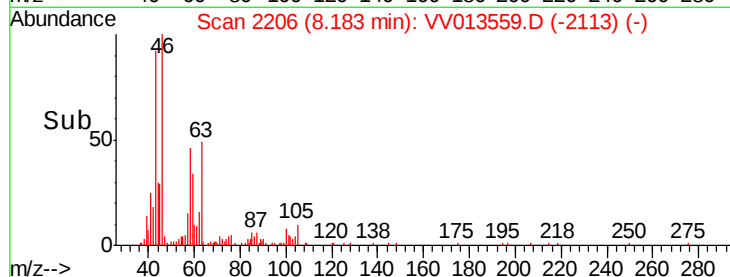
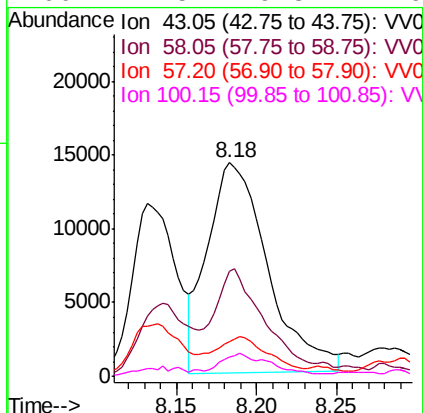
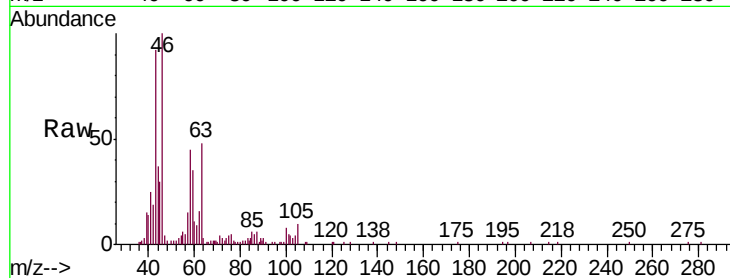




#48
2-Hexanone
Concen: 3.320 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013559.D
Acq: 09 Nov 2019 00:09

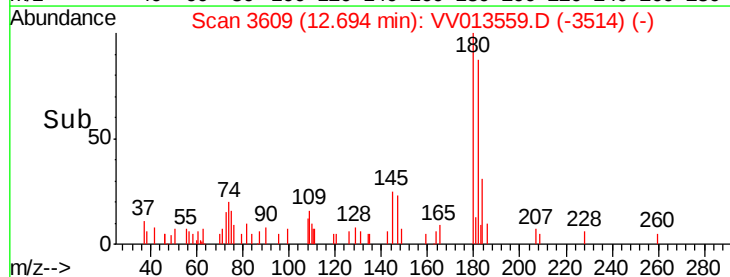
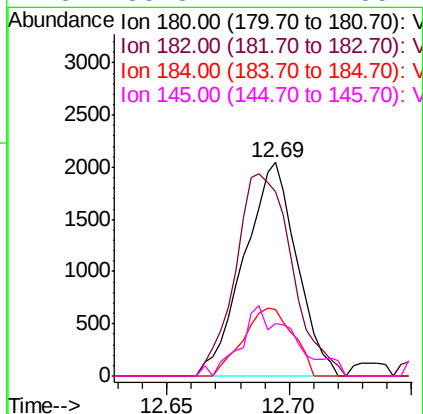
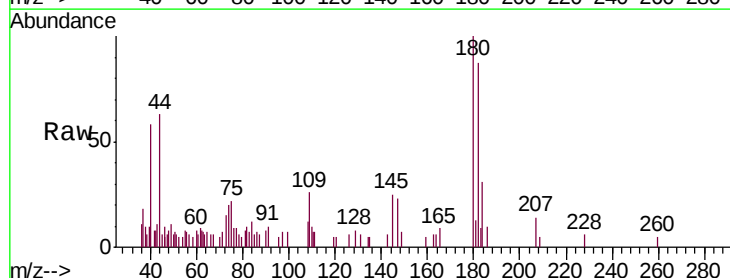
Instrument :
MSVOA_V
ClientSampleId :
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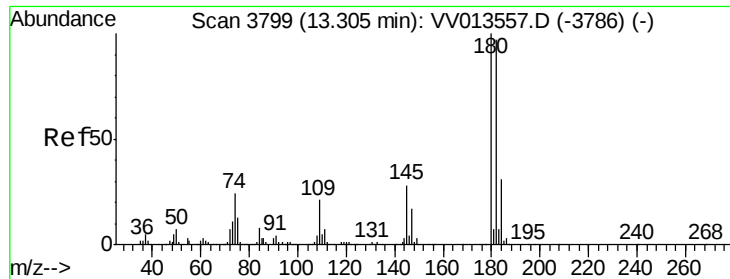
Tgt Ion:	43	Resp:	37413
Ion	Ratio	Lower	Upper
43	100		
58	35.2	43.8	65.8#
57	15.9	15.0	22.6
100	7.5	9.8	14.6#



#67
1,3,5-Trichlorobenzene
Concen: 0.072 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.01 min
Lab File: VV013559.D
Acq: 09 Nov 2019 00:09

Tgt Ion:	180	Resp:	3053
Ion	Ratio	Lower	Upper
180	100		
182	102.3	76.8	115.2
184	30.2	25.0	37.6
145	33.3	22.1	33.1#

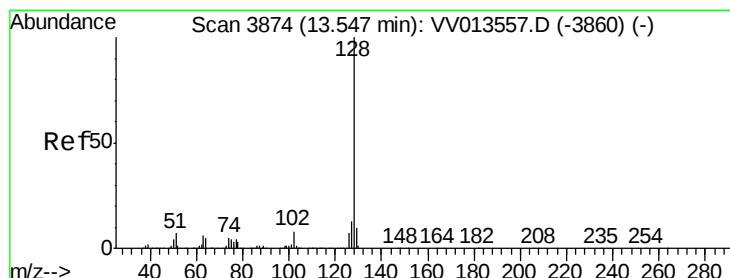
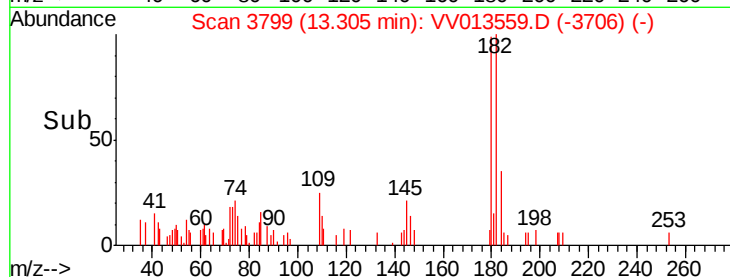
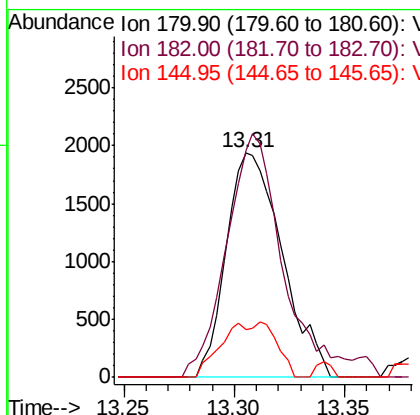
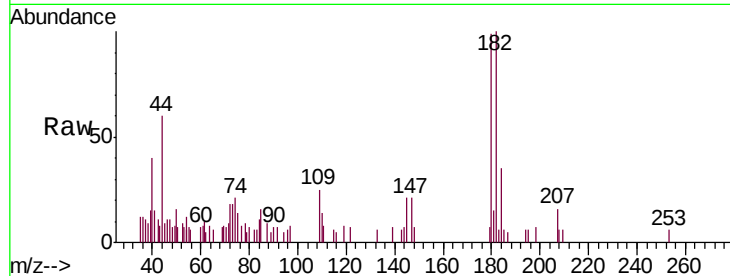




#68
 1,2,4-trichlorobenzene
 Concen: 0.101 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV013559.D
 Acq: 09 Nov 2019 00:09

Instrument :
 MSVOA_V
 ClientSampled :
 F2J19

Tgt Ion:180 Resp: 3412
 Ion Ratio Lower Upper
 180 100
 182 109.0 76.6 115.0
 145 12.2 22.2 33.4#



#69
 Naphthalene
 Concen: 0.131 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV013559.D
 Acq: 09 Nov 2019 00:09

Tgt Ion:128 Resp: 5953
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.5 12.7
 127 16.9 10.7 16.1#

