

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015767.D
 Acq On : 28 Apr 2020 23:52
 Operator : SY/MD
 Sample : L2419-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121664	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38845	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.58	69	33768	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.12	63	55292	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.92	46	89597	43.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.78%
24) Chloroform-d	4.38	84	68473	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	40664	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.08	84	135319	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	42015	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	121416	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.64	79	13886	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.11	63	61517	35.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26887	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	43658	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

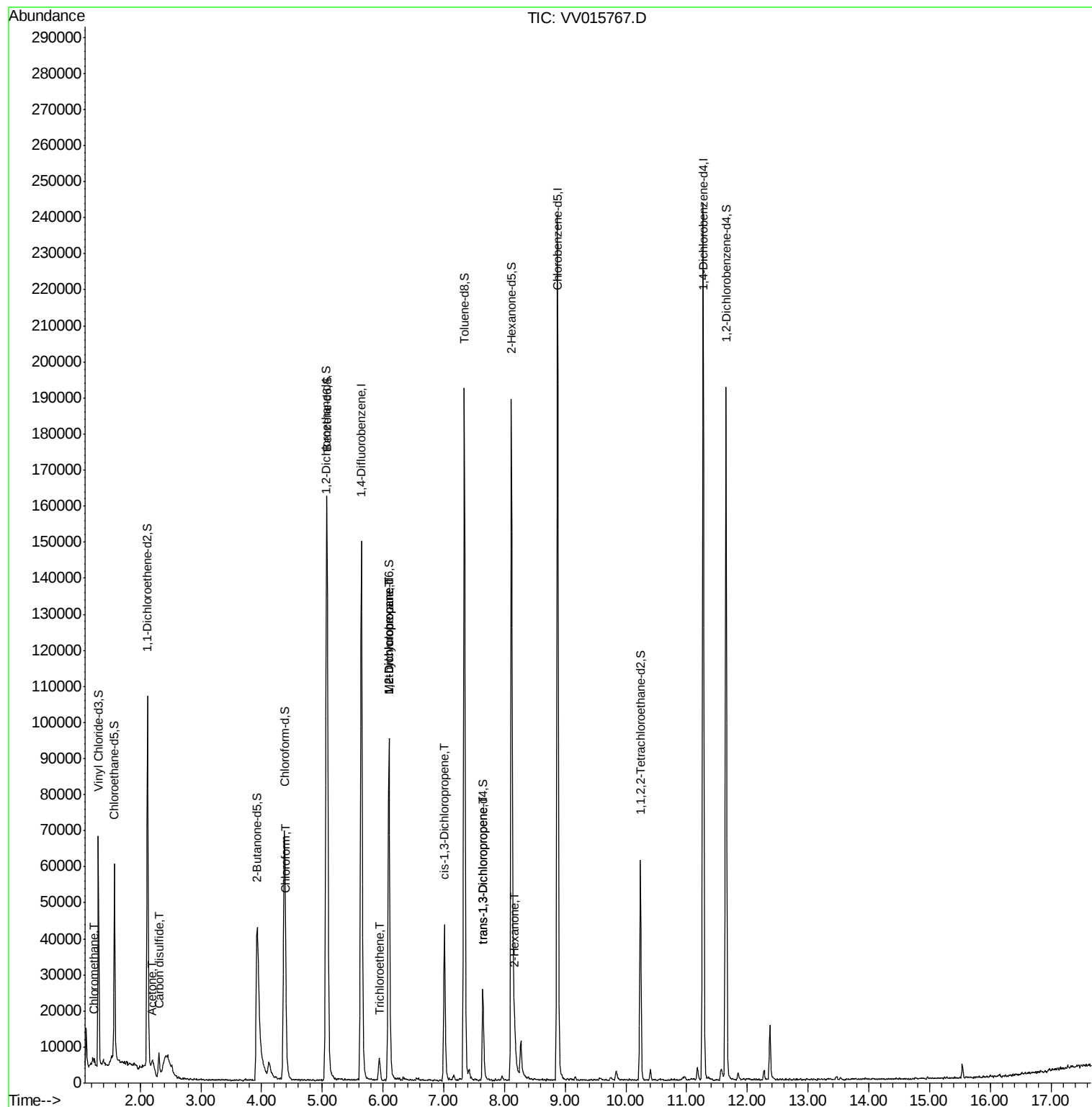
					Ovalue
3) Chloromethane	1.25	50	729	0.081	ug/L 98
13) Acetone	2.21	43	7362	5.193	ug/L 81
14) Carbon disulfide	2.31	76	7214	0.360	ug/L 96
25) Chloroform	4.41	83	3461	0.209	ug/L 98
34) Trichloroethene	5.95	95	1305	0.138	ug/L 87
35) Methylcyclohexane	6.09	83	10563	0.726	ug/L # 15
37) 1,2-Dichloropropane	6.10	63	5220	0.599	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1198	0.099	ug/L # 79
44) trans-1,3-Dichloropropene	7.64	75	692	0.068	ug/L # 63
48) 2-Hexanone	8.17	43	7383	1.829	ug/L # 86

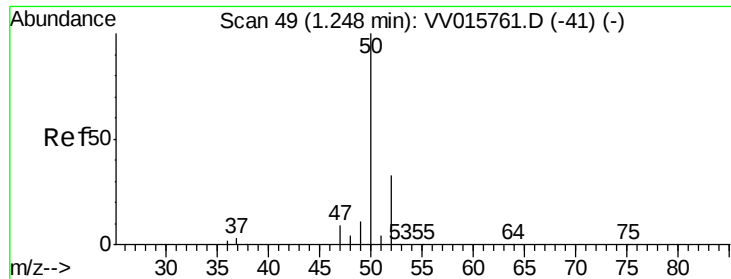
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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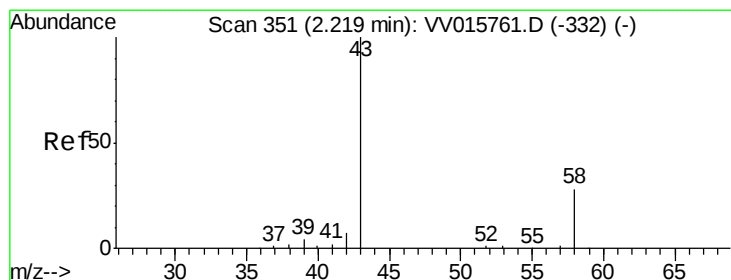
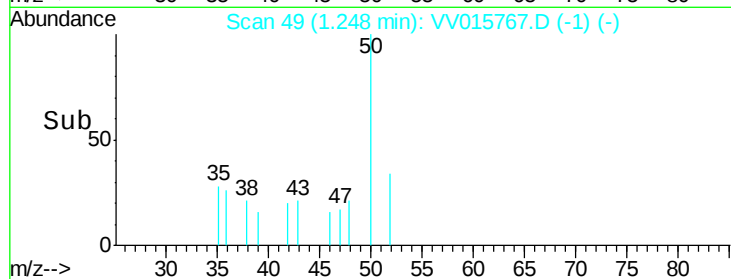
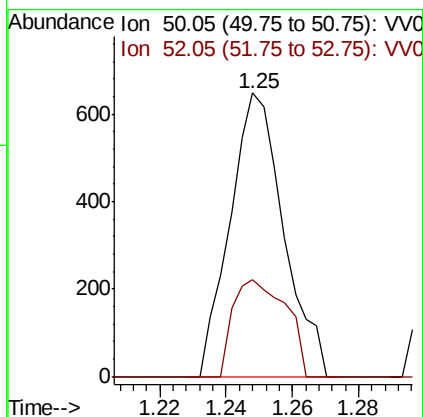
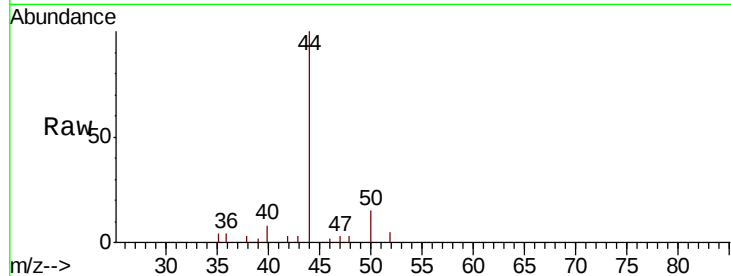




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015767.D
Acq: 28 Apr 2020 23:52

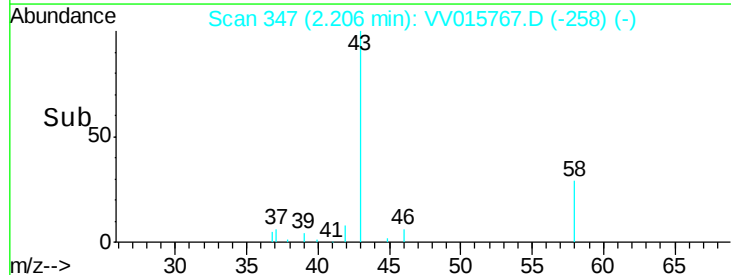
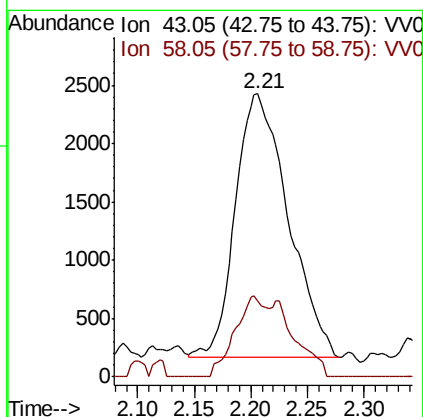
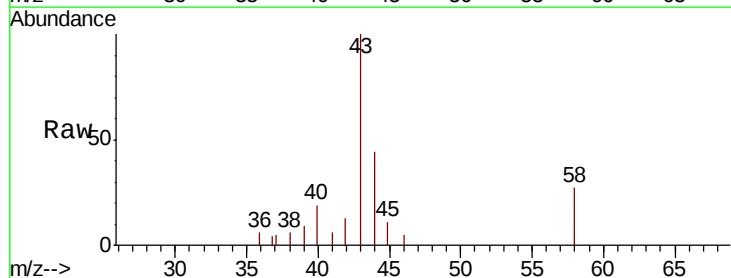
Instrument :
MSVOA_V
ClientSampleId :

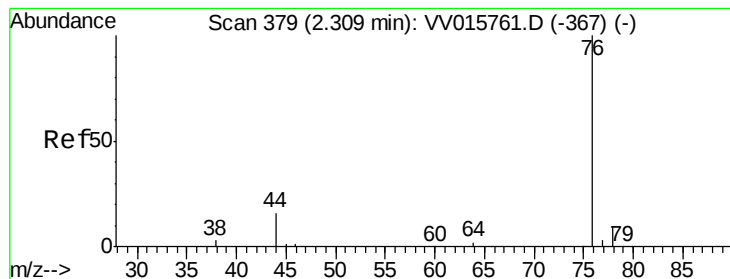
Tot Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 34.0 22.9 42.5



#13
Acetone
Concen: 5.193 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.01 min
Lab File: VV015767.D
Acq: 28 Apr 2020 23:52

Tgt Ion: 43 Resp: 7362
Ion Ratio Lower Upper
43 100
58 18.4 0.0 57.6





#14

Carbon disulfide

Concen: 0.360 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015767.D

Acq: 28 Apr 2020 23:52

Instrument :

MSVOA_V

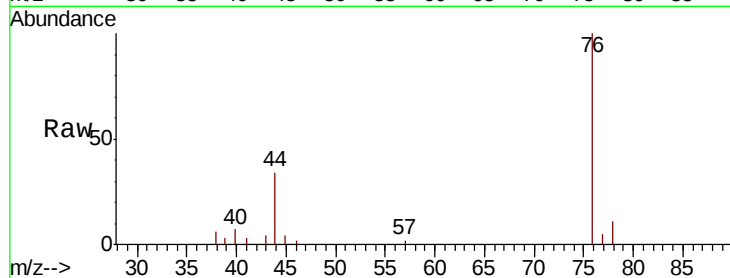
ClientSampled :

Tot Ion: 76 Resp: 7214

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

5000

4000

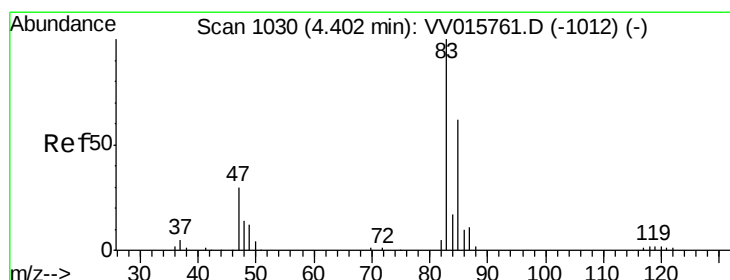
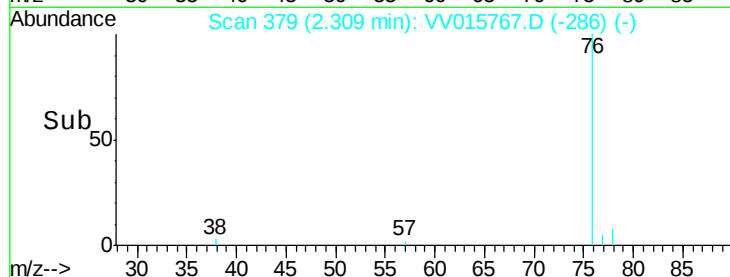
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#25

Chloroform

Concen: 0.209 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015767.D

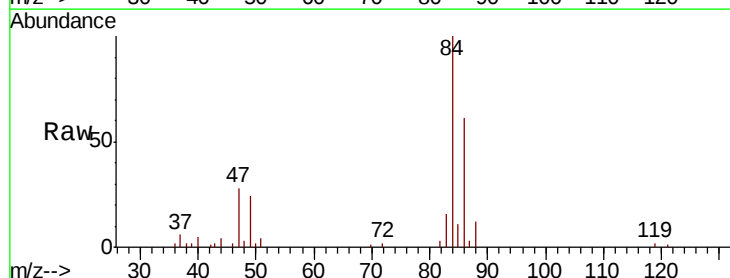
Acq: 28 Apr 2020 23:52

Tgt Ion: 83 Resp: 3461

Ion Ratio Lower Upper

83 100

85 67.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

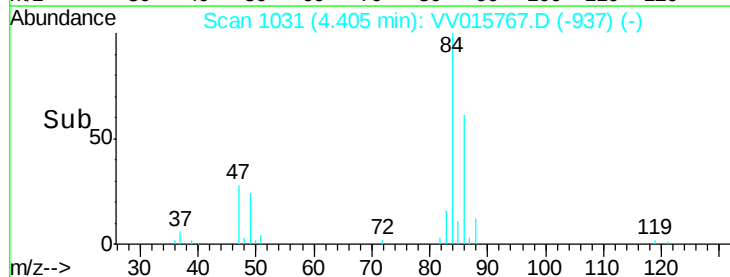
4.41

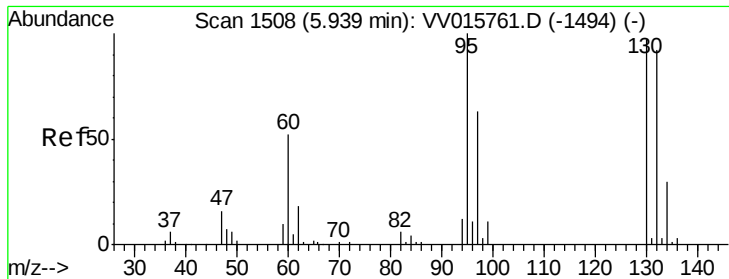
1000

500

0

Time--> 4.30 4.35 4.40 4.45





#34

Trichloroethene

Concen: 0.138 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VV015767.D

Acq: 28 Apr 2020 23:52

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1305

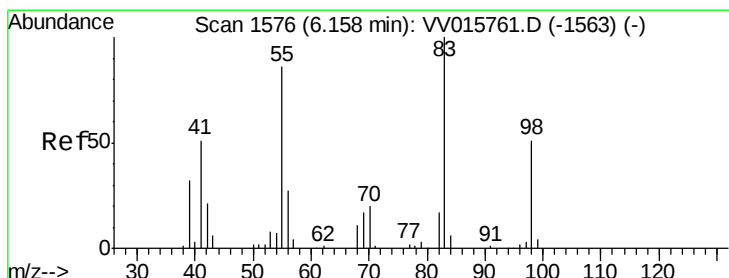
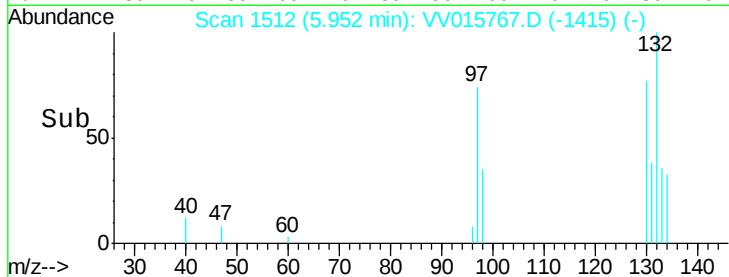
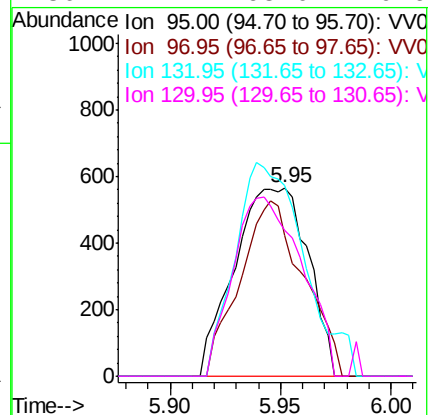
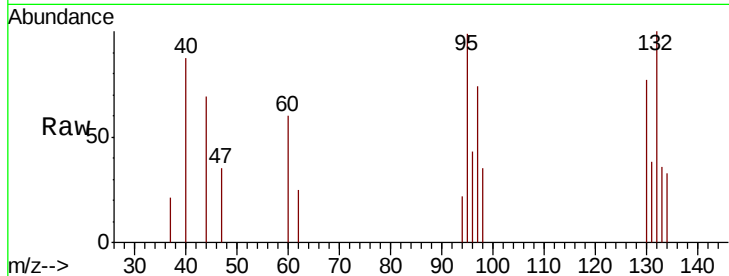
Ion Ratio Lower Upper

95 100

97 74.6 44.7 82.9

132 101.1 65.2 121.0

130 77.4 65.0 120.6



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015767.D

Acq: 28 Apr 2020 23:52

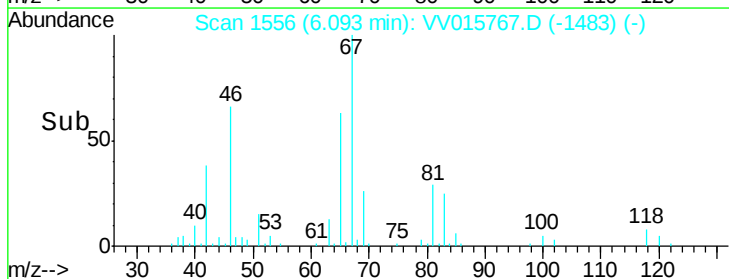
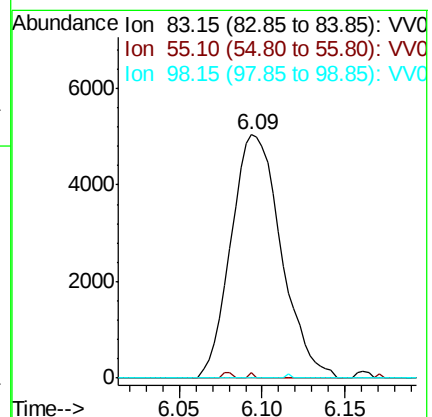
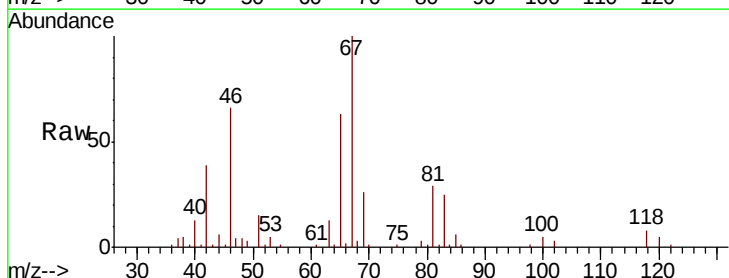
Tgt Ion: 83 Resp: 10563

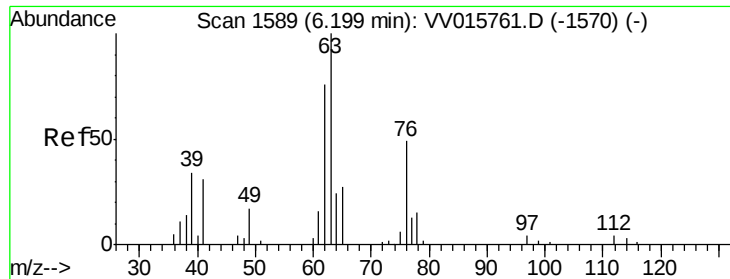
Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

98 0.2 39.5 59.3#

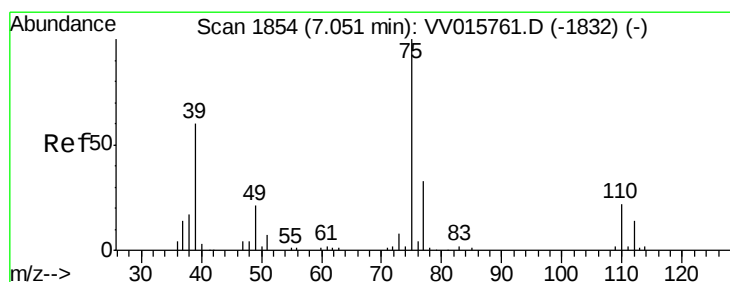
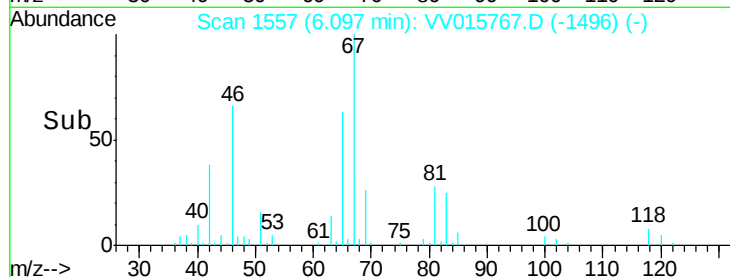
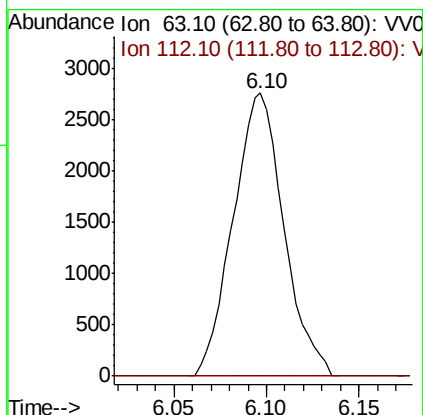
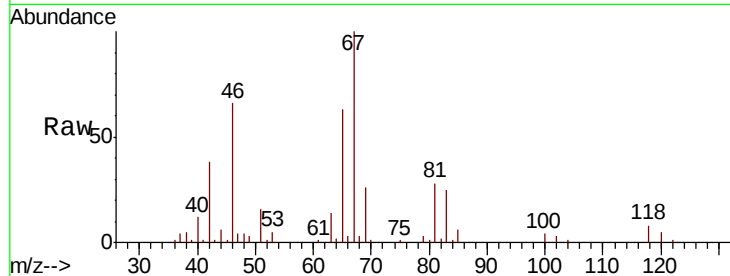




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015767.D
 Acq: 28 Apr 2020 23:52

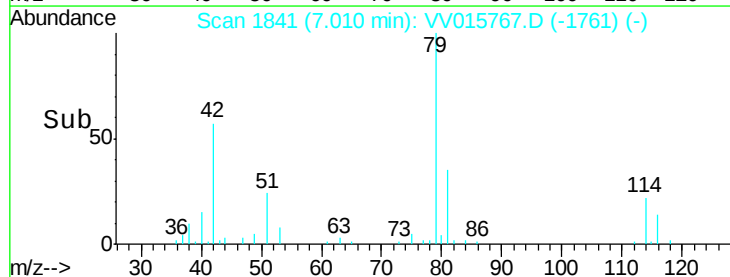
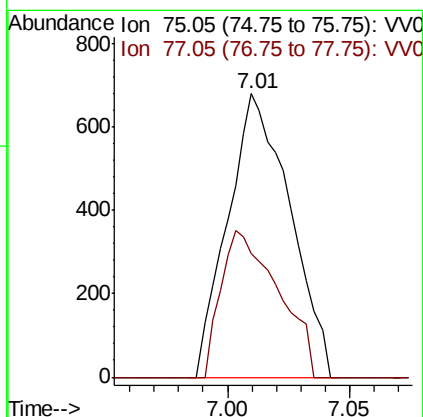
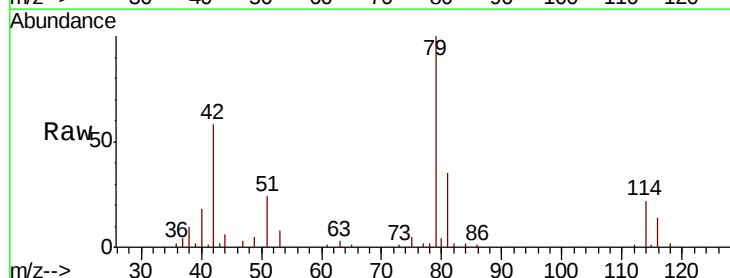
Instrument :
 MSVOA_V
 ClientSampleId :

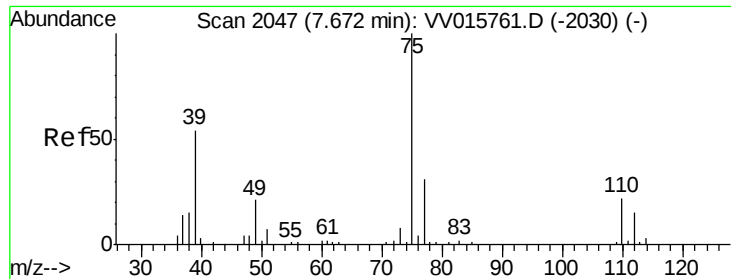
Tot Ion: 63 Resp: 5220
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015767.D
 Acq: 28 Apr 2020 23:52

Tgt Ion: 75 Resp: 1198
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.3 41.5#

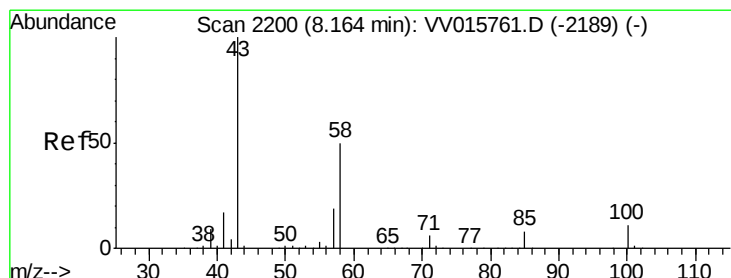
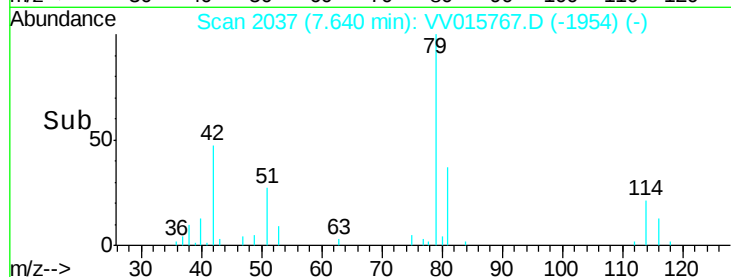
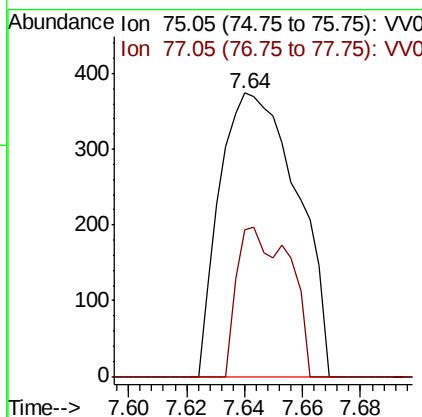
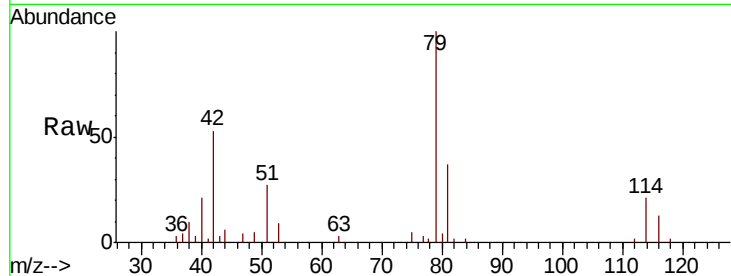




#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015767.D
Acq: 28 Apr 2020 23:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 692
Ion Ratio Lower Upper
75 100
77 51.6 21.8 40.6#



#48
2-Hexanone
Concen: 1.829 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015767.D
Acq: 28 Apr 2020 23:52

Tgt Ion: 43 Resp: 7383
Ion Ratio Lower Upper
43 100
58 41.2 41.1 61.7
57 15.4 15.0 22.4
100 3.8 9.0 13.4#

