

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016179.D
 Acq On : 22 May 2020 18:33
 Operator : SY/MD
 Sample : L2751-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:11:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	127833	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121482	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43633	6.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.80%
7) Chloroethane-d5	1.58	69	38529	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.20%
11) 1,1-Dichloroethene-d2	2.13	63	69879	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.95	46	86602	43.78	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	4.38	84	80442	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.06	65	42287	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	164477	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.10	67	49792	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.34	98	149753	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
45) trans-1,3-Dichloropropene-	7.65	79	15563	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.12	63	66863	43.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29853	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	51765	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

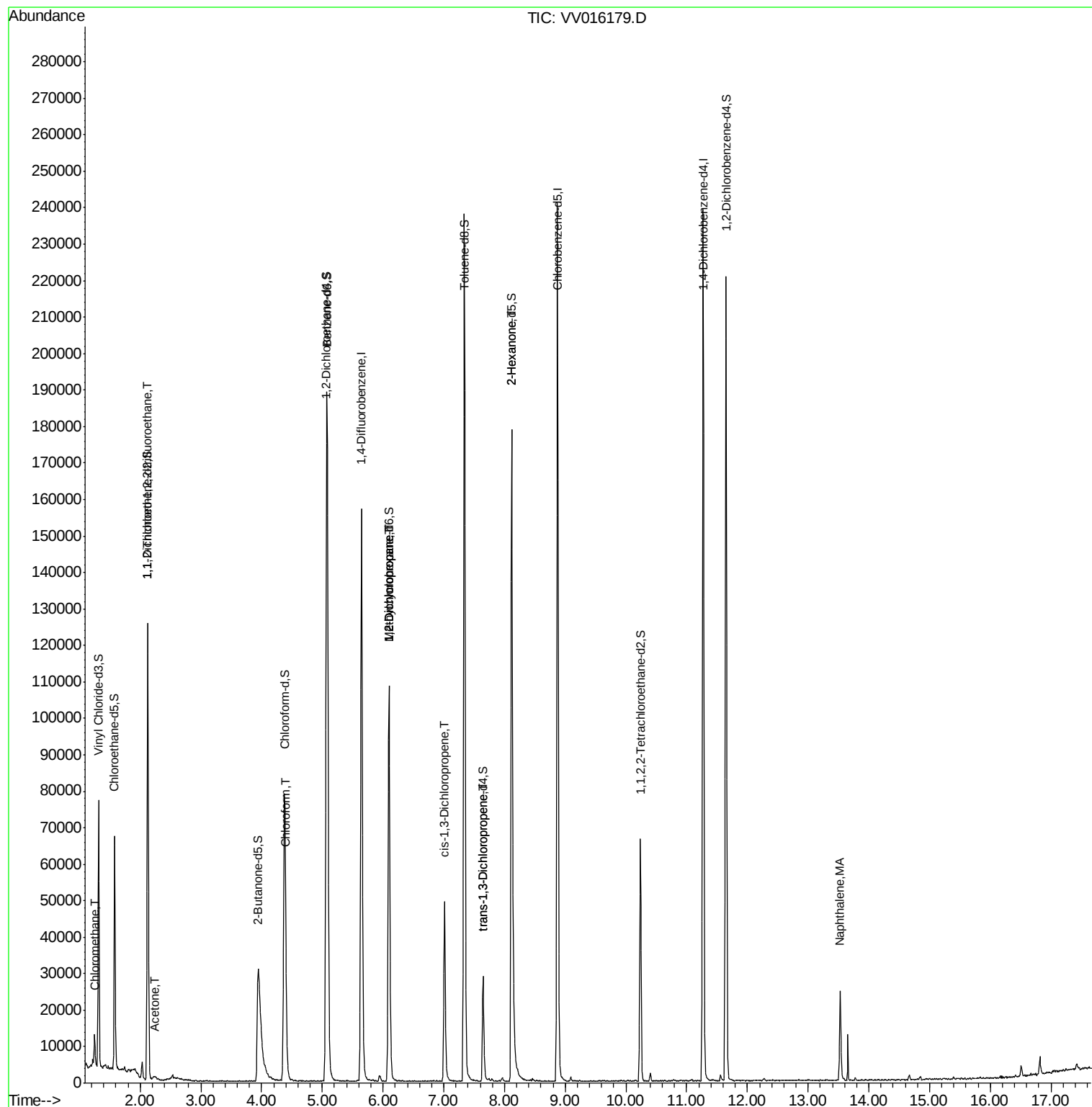
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	4862	0.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	533	0.073	ug/L #	20
13) Acetone	2.23	43	1535	1.176	ug/L	67
25) Chloroform	4.41	83	3425	0.208	ug/L	93
35) Methylcyclohexane	6.10	83	11934	0.904	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5892	0.759	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1396	0.127	ug/L #	48
46) trans-1,3-Dichloropropene	7.65	75	676	0.073	ug/L #	65
50) 2-Hexanone	8.12	43	9499	2.775	ug/L #	75
70) Naphthalene	13.53	128	19995	1.309	ug/L	99

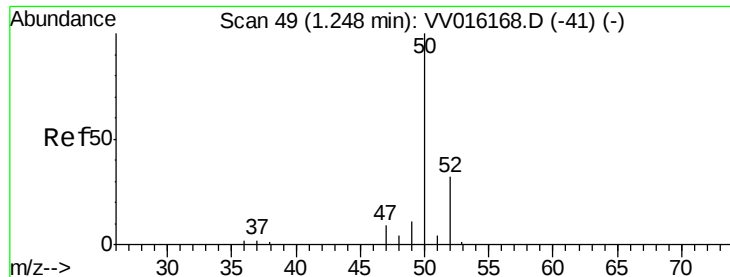
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.490 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016179.D

Acq: 22 May 2020 18:33

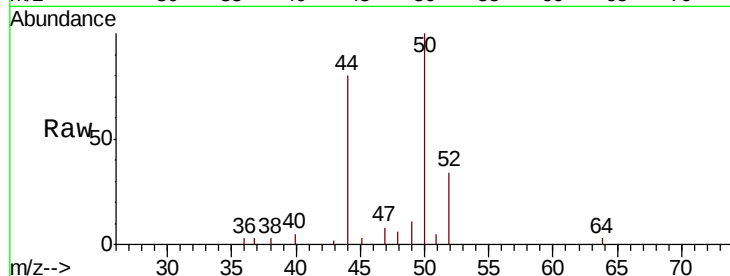
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 4862

Ion Ratio Lower Upper

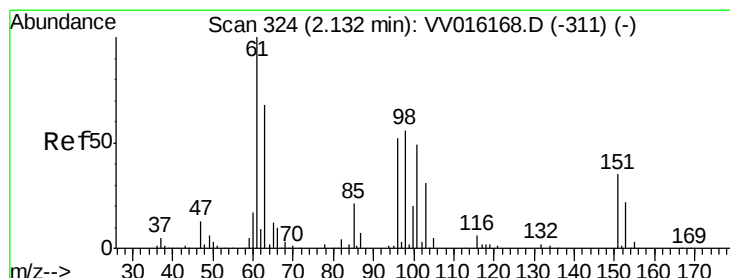
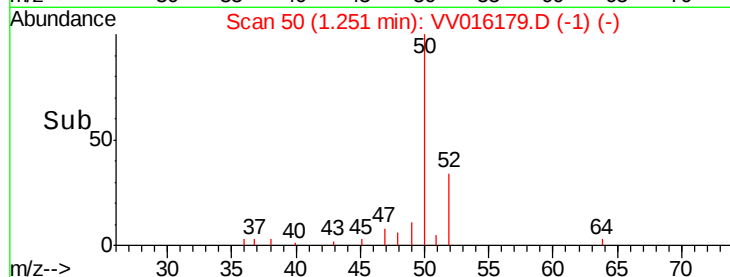
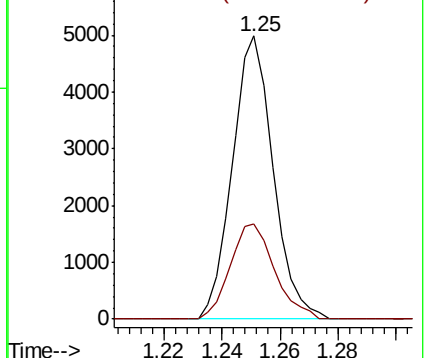
50 100

52 33.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV016179.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV016179.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016179.D

Acq: 22 May 2020 18:33

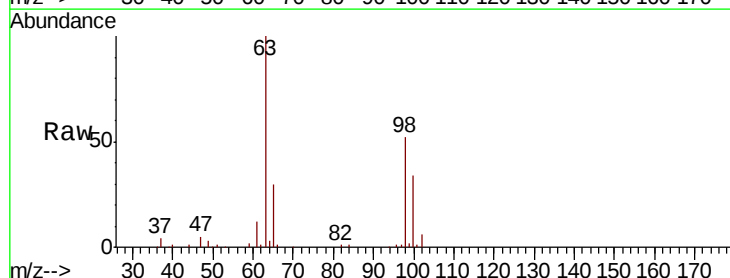
Tgt Ion: 101 Resp: 533

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

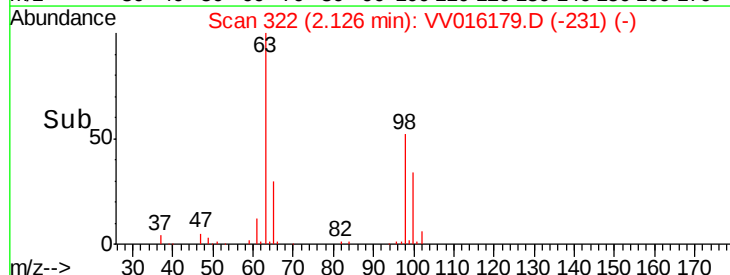
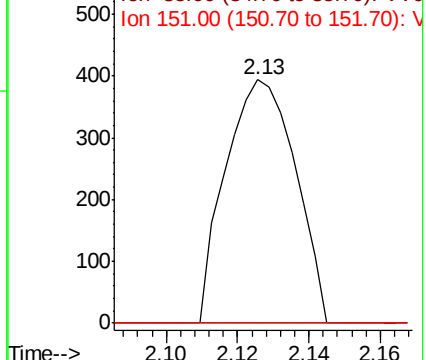
151 0.0 58.0 87.0#

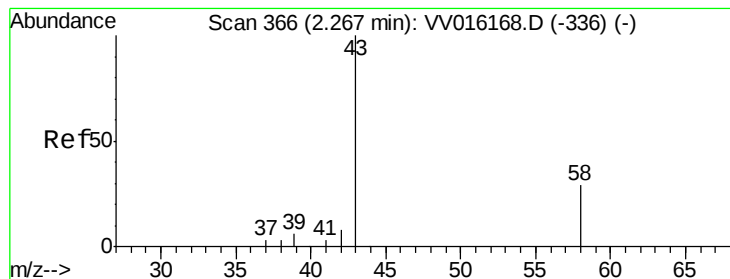


Abundance Ion 101.00 (100.70 to 101.70): VV016179.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016179.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016179.D (-231) (-)





#13

Acetone

Concen: 1.176 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.04 min

Lab File: VV016179.D

Acq: 22 May 2020 18:33

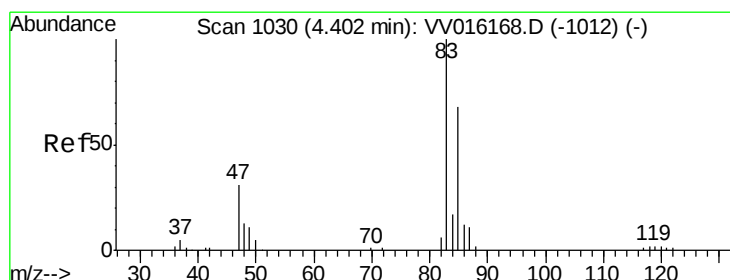
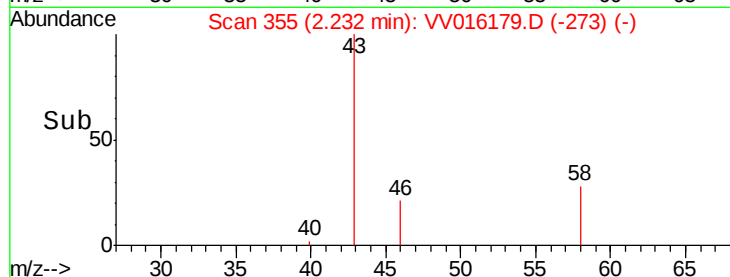
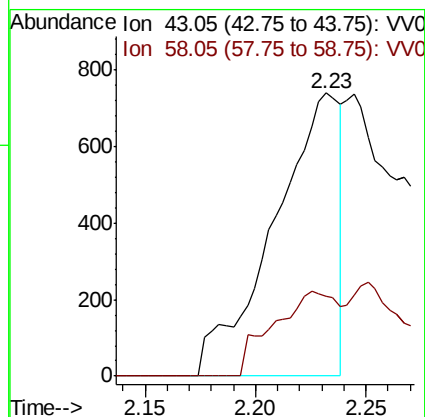
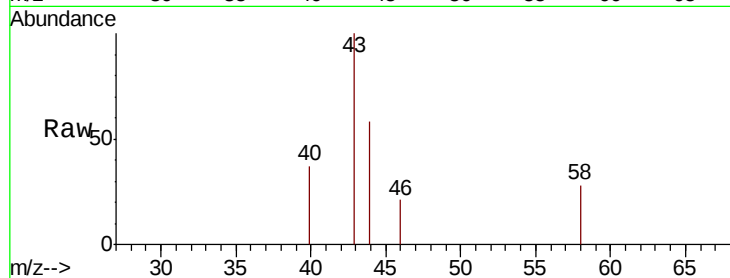
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1535

Ion Ratio Lower Upper

43 100

58 29.1 0.0 30.8



#25

Chloroform

Concen: 0.208 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016179.D

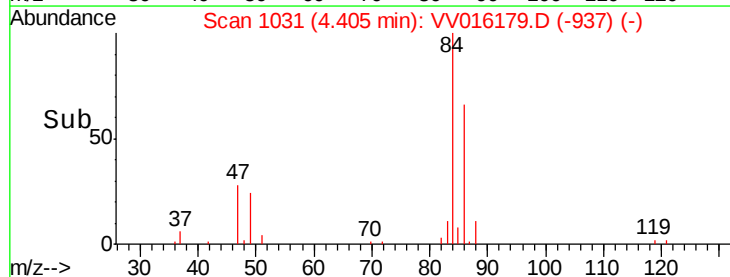
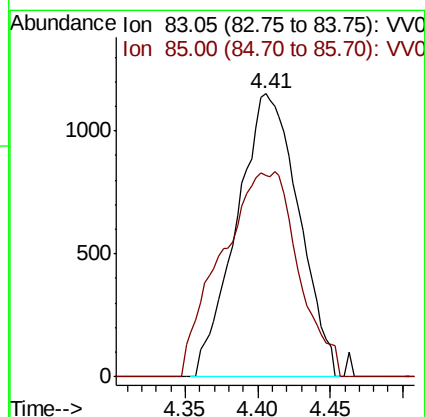
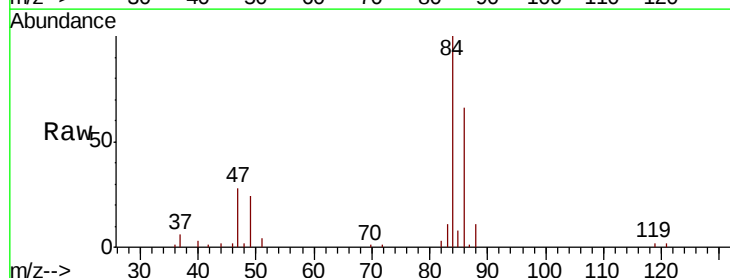
Acq: 22 May 2020 18:33

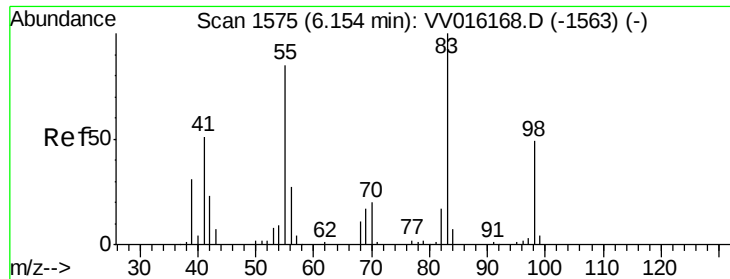
Tgt Ion: 83 Resp: 3425

Ion Ratio Lower Upper

83 100

85 71.1 45.7 84.9

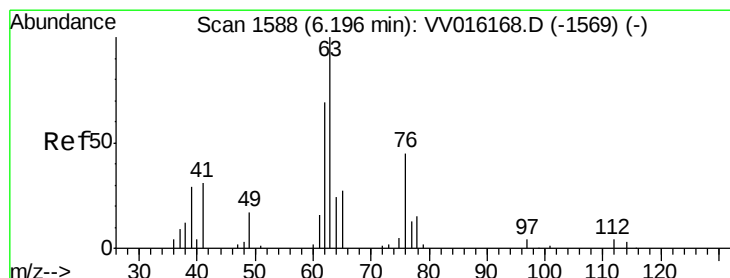
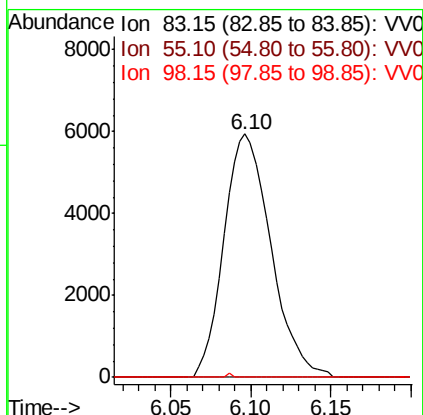
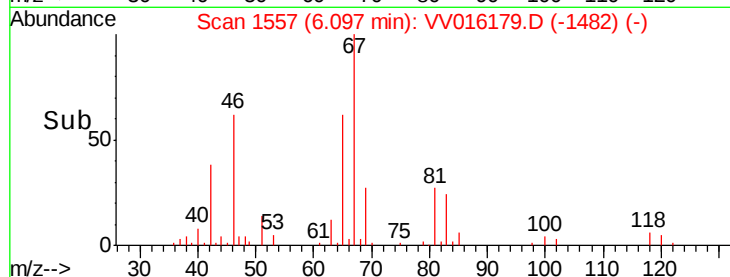
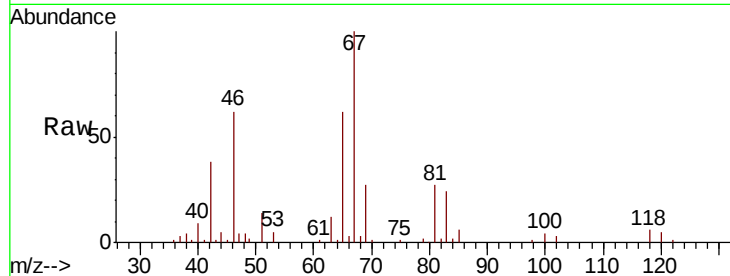




#35
Methvlcvclohexane
Concen: 0.904 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016179.D
Acq: 22 May 2020 18:33

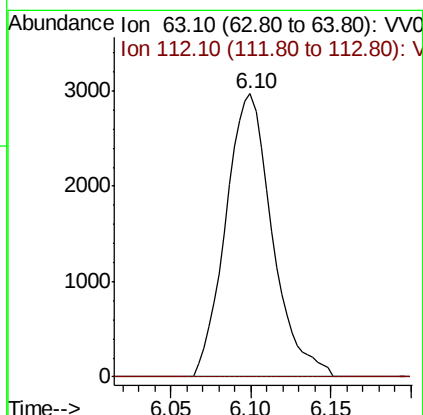
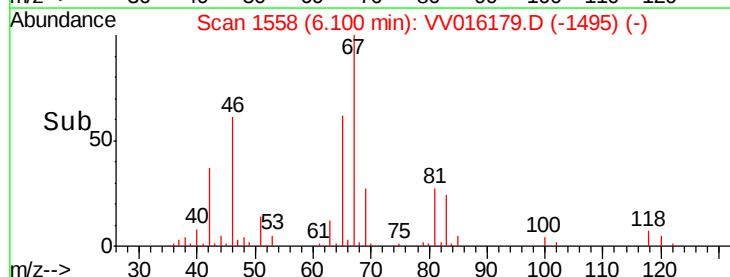
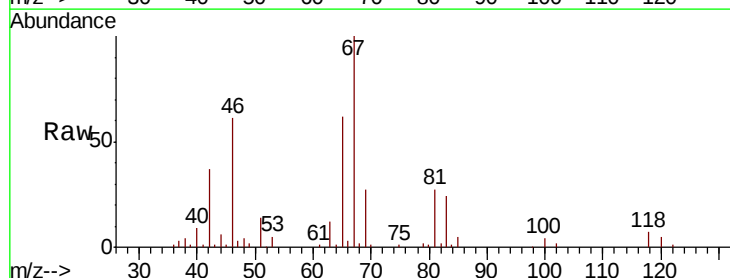
Instrument :
MSVOA_V
ClientSampleId :

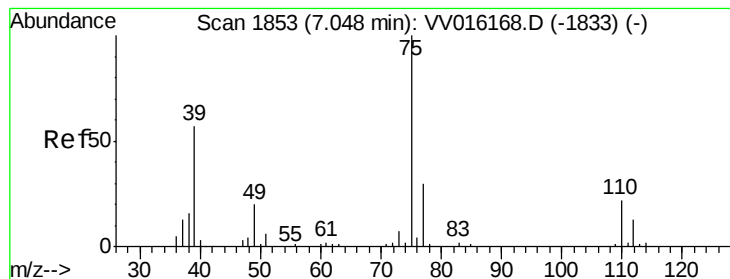
Tot Ion: 83 Resp: 11934
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.2 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.759 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016179.D
Acq: 22 May 2020 18:33

Tgt Ion: 63 Resp: 5892
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016179.D

Acq: 22 May 2020 18:33

Instrument :

MSVOA_V

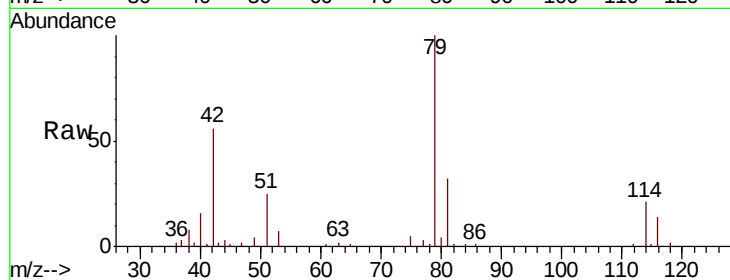
ClientSampleId :

Tot Ion: 75 Resp: 1396

Ion Ratio Lower Upper

75 100

77 59.0 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

800

600

400

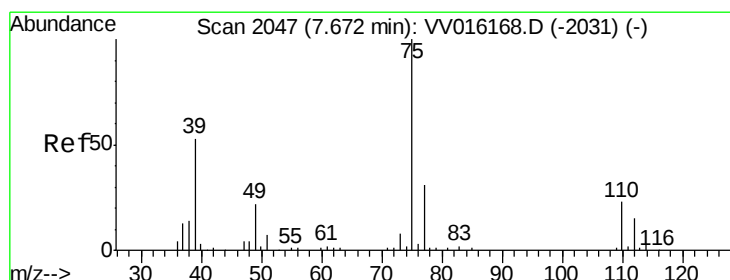
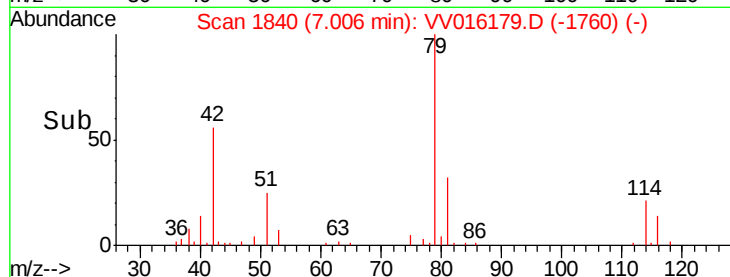
200

0

7.01

7.05

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016179.D

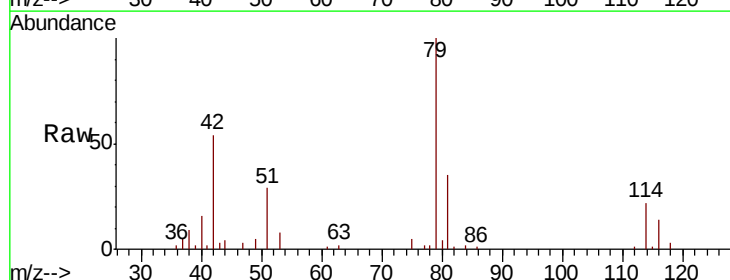
Acq: 22 May 2020 18:33

Tgt Ion: 75 Resp: 676

Ion Ratio Lower Upper

75 100

77 49.4 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

500

400

300

200

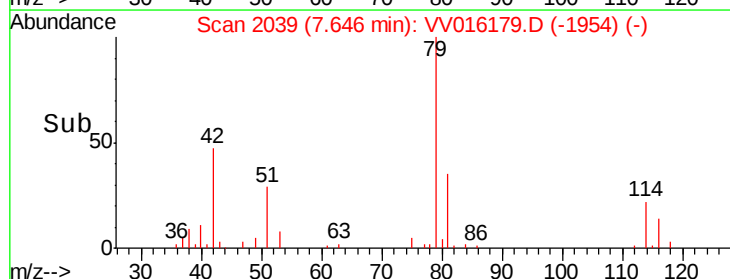
100

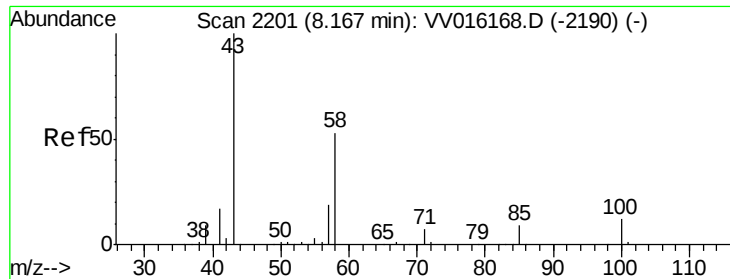
0

7.65

7.68

Time-->

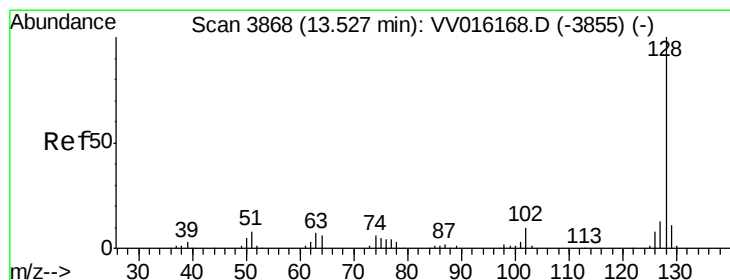
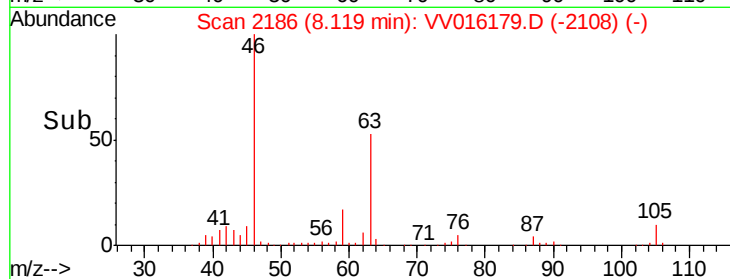
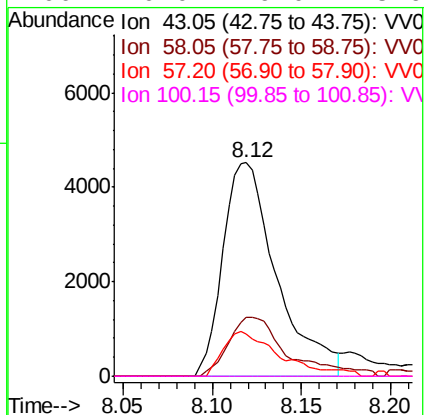
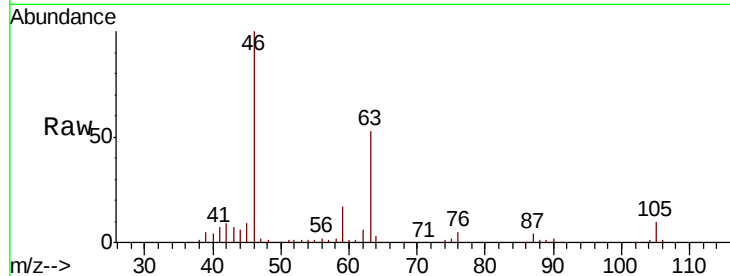




#50
2-Hexanone
Concen: 2.775 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016179.D
Acq: 22 May 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9499
Ion Ratio Lower Upper
43 100
58 30.5 40.8 61.2#
57 22.2 14.7 22.1#
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 1.309 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016179.D
Acq: 22 May 2020 18:33

Tgt Ion: 128 Resp: 19995
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.6 10.2 15.2

