

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016383.D
 Acq On : 31 May 2020 13:02
 Operator : SY/MD
 Sample : L2780-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:18:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	72211	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	69639	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	29146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29717	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	23025	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	40519	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.96	46	70166	51.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	4.38	84	52167	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	29078	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	102185	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.10	67	31589	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.34	98	87520	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
45) trans-1,3-Dichloropropene-	7.65	79	9957	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
48) 2-Hexanone-d5	8.12	63	50902	49.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22439	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	29691	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

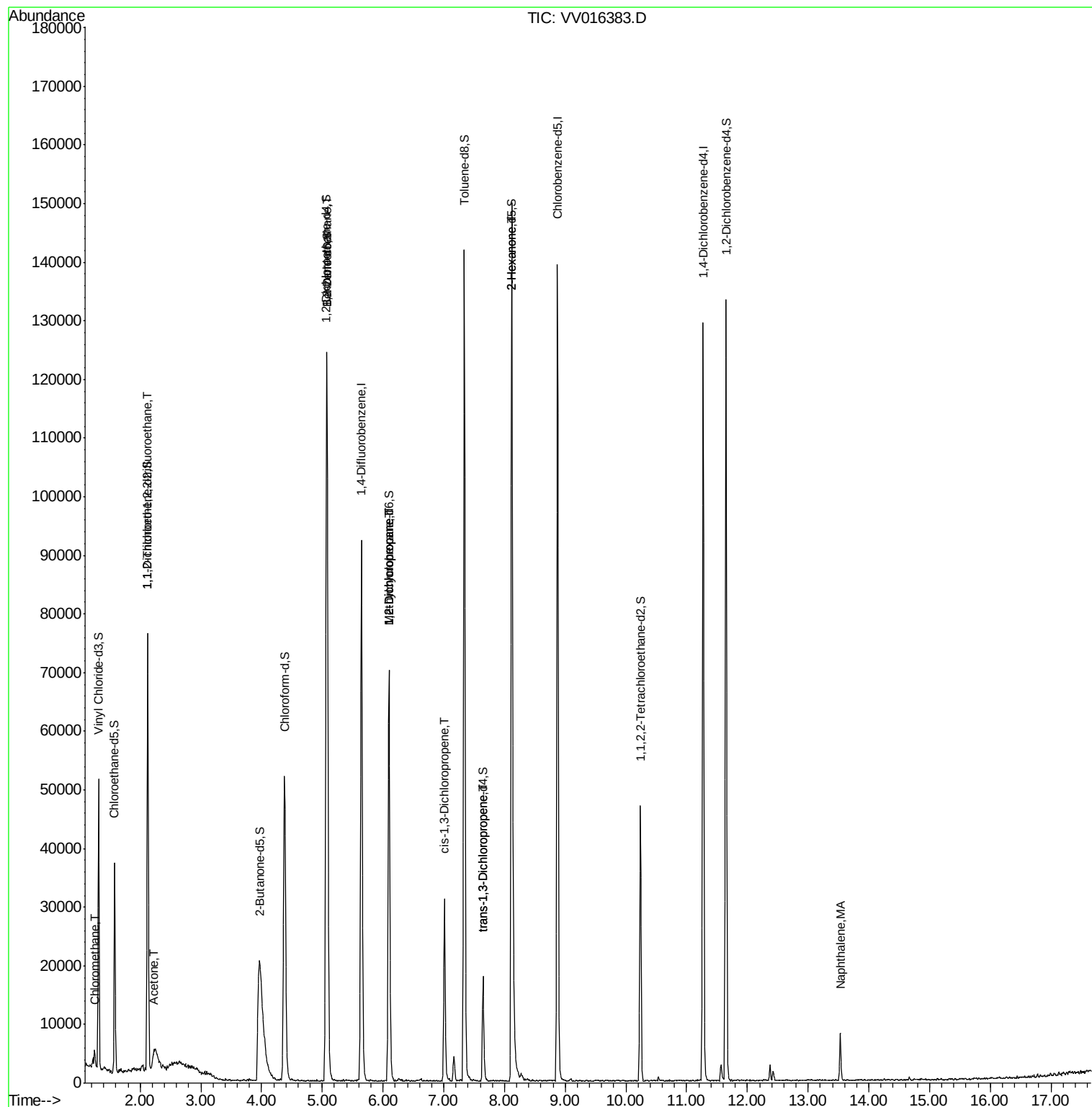
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1611	0.223	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	345	0.071	ug/L #	21
13) Acetone	2.23	43	3726	4.061	ug/L	93
27) 1,2-Dichloroethane	5.08	62	730	0.114	ug/L #	76
35) Methylcyclohexane	6.10	83	7829	0.899	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3817	0.732	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	749	0.109	ug/L #	69
46) trans-1,3-Dichloropropene	7.65	75	445	0.078	ug/L #	44
50) 2-Hexanone	8.12	43	8540	3.889	ug/L #	73
70) Naphthalene	13.53	128	6393	0.481	ug/L	97

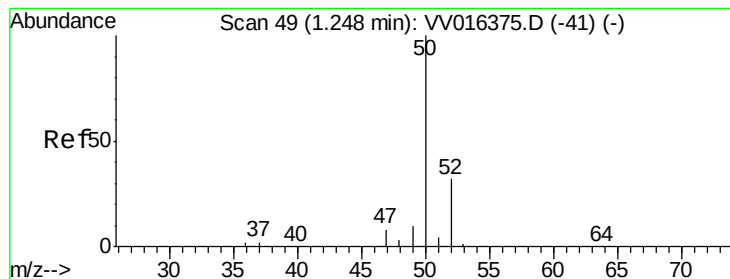
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.223 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016383.D

Acq: 31 May 2020 13:02

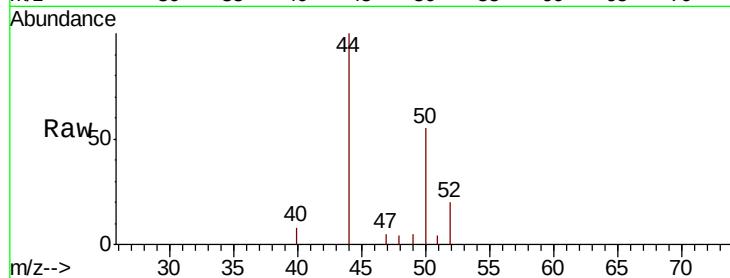
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1611

Ion Ratio Lower Upper

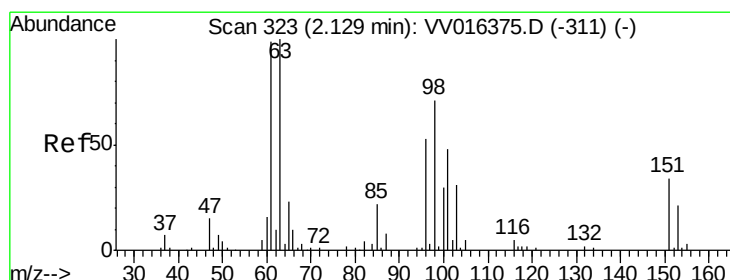
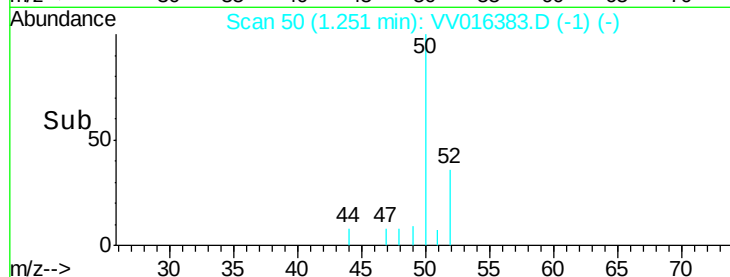
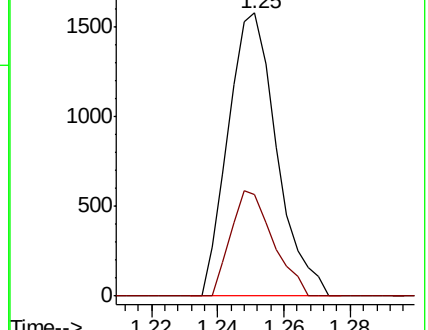
50 100

52 35.9 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV016383.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV016383.D (-1) (-)



#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016383.D

Acq: 31 May 2020 13:02

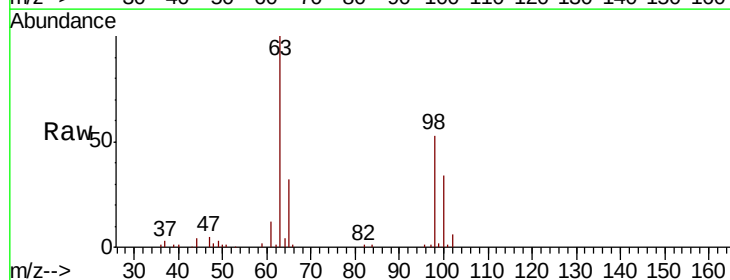
Tgt Ion:101 Resp: 345

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

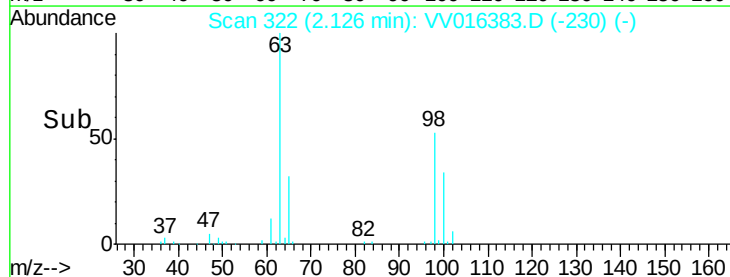
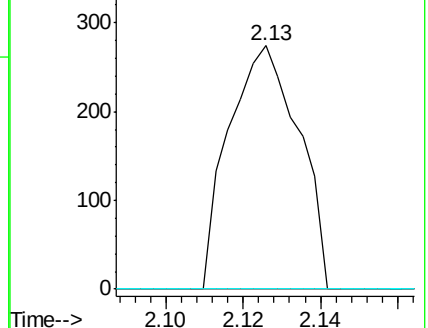
151 0.0 57.2 85.8#

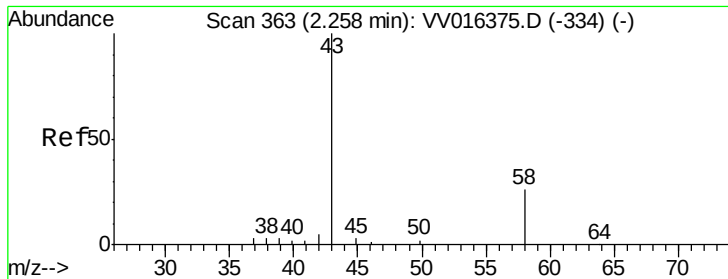


Abundance Ion 101.00 (100.70 to 101.70): VV016383.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016383.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016383.D (-230) (-)





#13

Acetone

Concen: 4.061 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.03 min

Lab File: VV016383.D

Acq: 31 May 2020 13:02

Instrument :

MSVOA_V

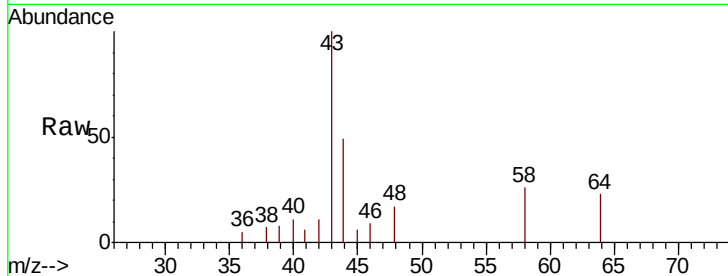
ClientSampleId :

Tot Ion: 43 Resp: 3726

Ion Ratio Lower Upper

43 100

58 25.6 0.0 59.2



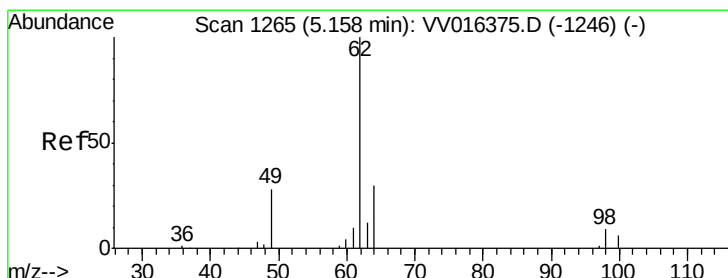
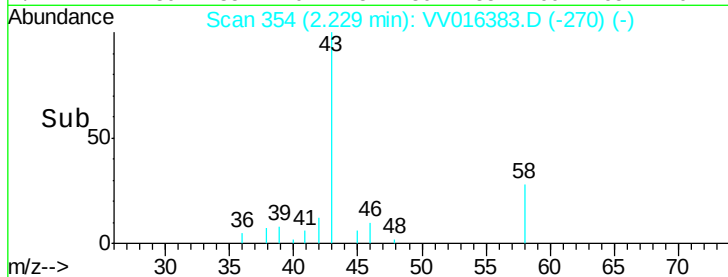
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

Time-->

2.15 2.20 2.25



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016383.D

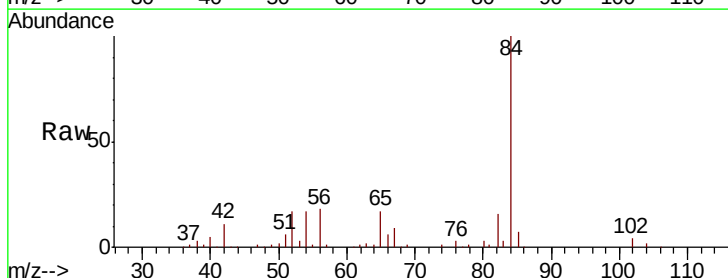
Acq: 31 May 2020 13:02

Tgt Ion: 62 Resp: 730

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



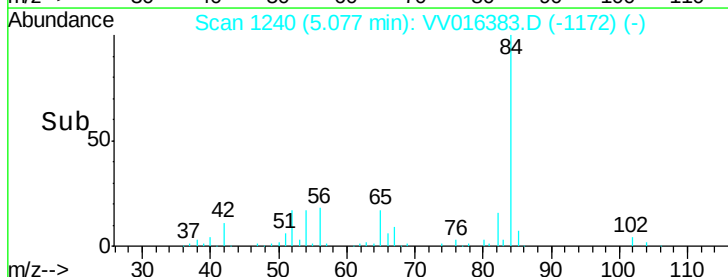
Abundance Ion 62.00 (61.70 to 62.70): VV0

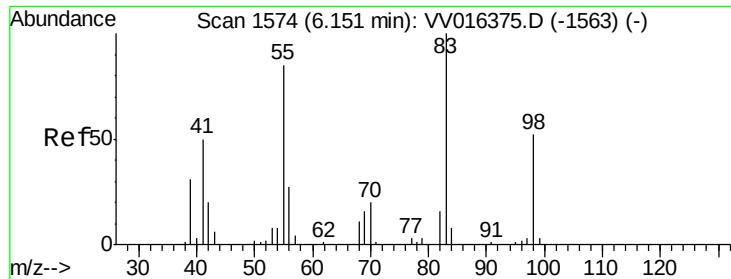
Ion 98.05 (97.75 to 98.75): VV0

5.08

Time-->

5.05 5.10

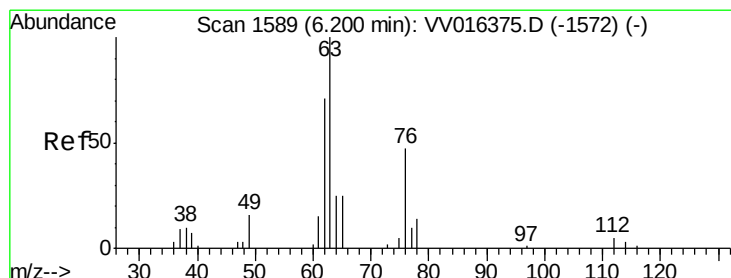
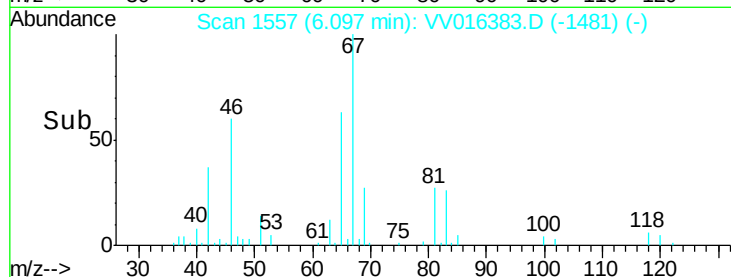
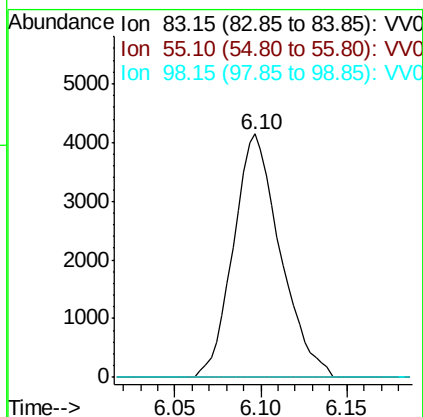
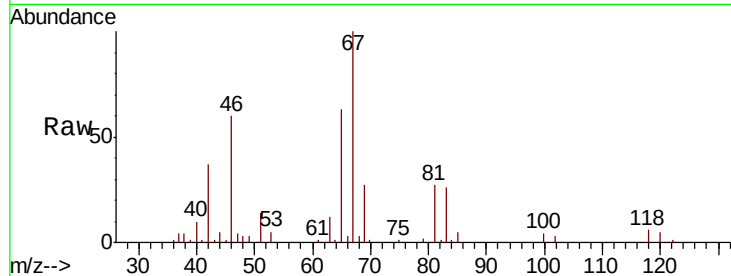




#35
Methylvlcyclohexane
Concen: 0.899 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016383.D
Acq: 31 May 2020 13:02

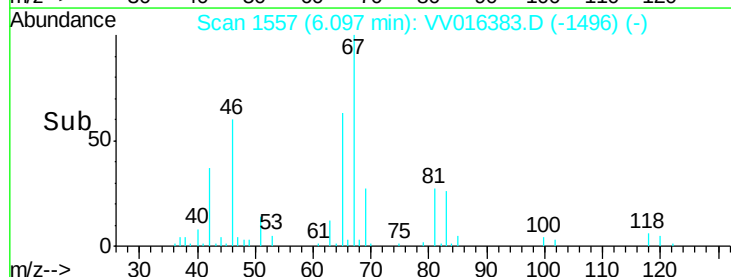
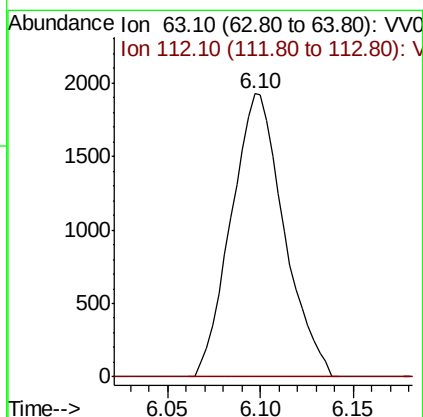
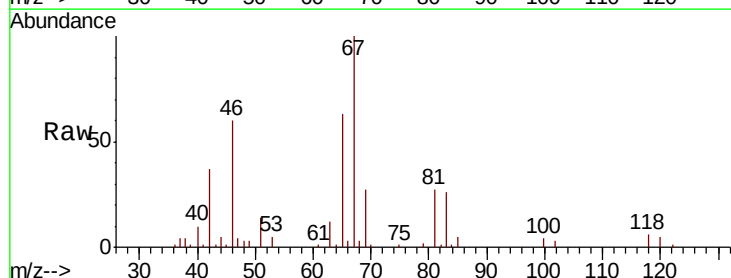
Instrument :
MSVOA_V
ClientSampleId :

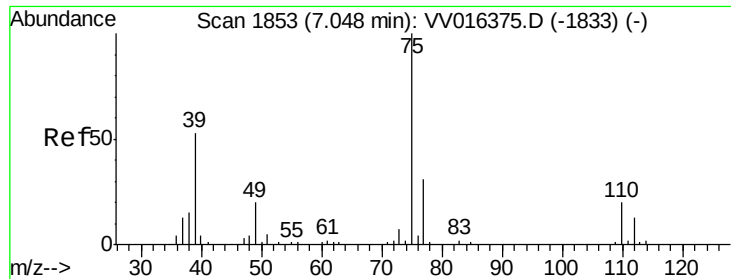
Tot Ion: 83 Resp: 7829
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016383.D
Acq: 31 May 2020 13:02

Tgt Ion: 63 Resp: 3817
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

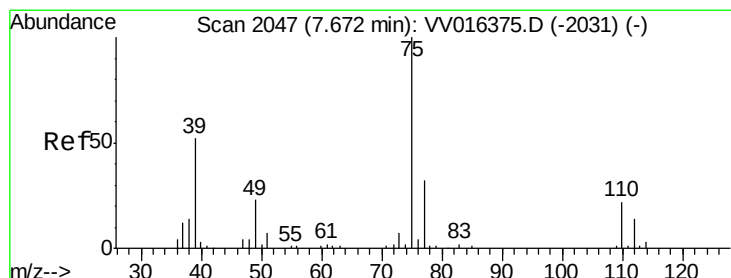
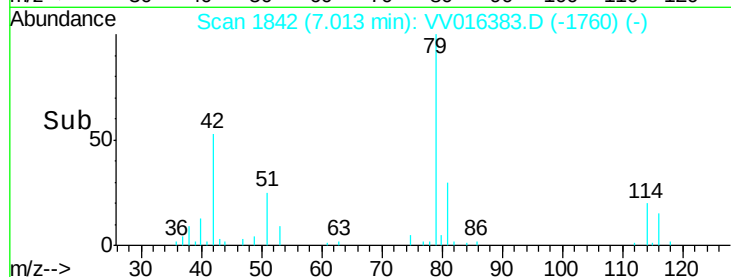
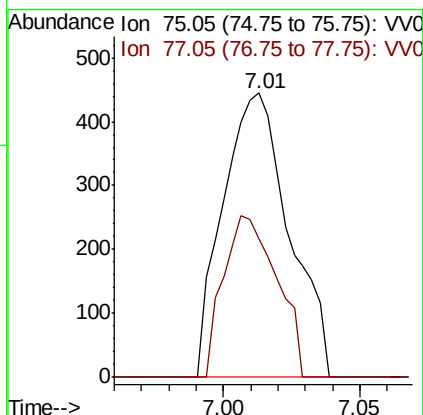
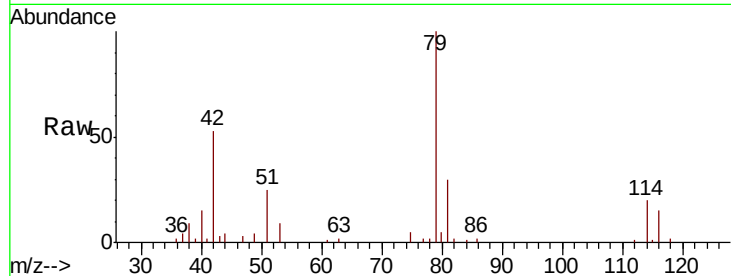




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016383.D
 Acq: 31 May 2020 13:02

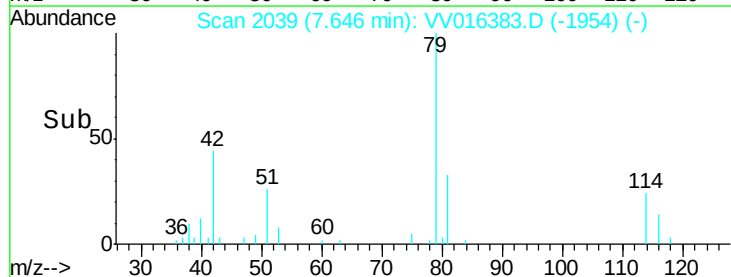
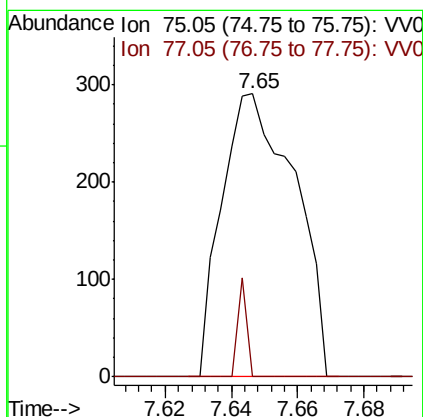
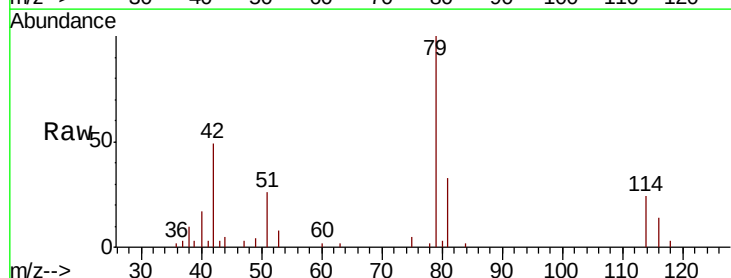
Instrument :
 MSVOA_V
 ClientSampleId :

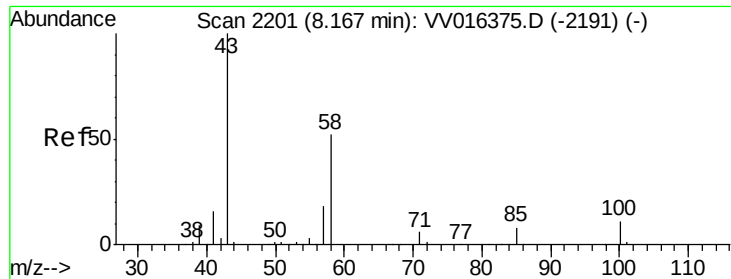
Tot Ion: 75 Resp: 749
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.0 41.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016383.D
 Acq: 31 May 2020 13:02

Tgt Ion: 75 Resp: 445
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.1 39.3#

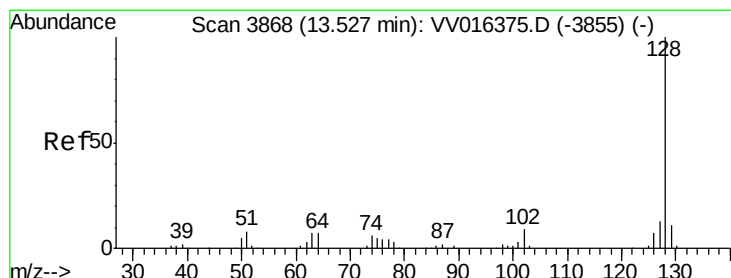
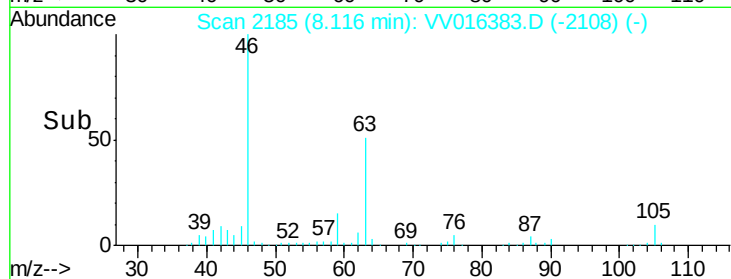
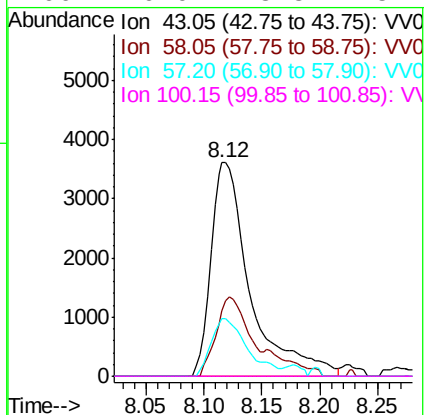
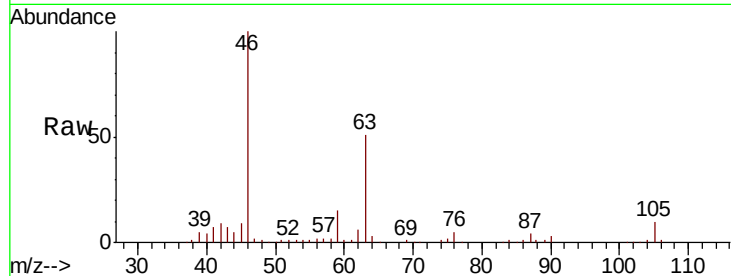




#50
2-Hexanone
Concen: 3.889 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016383.D
Acq: 31 May 2020 13:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8540
Ion Ratio Lower Upper
43 100
58 30.1 41.1 61.7#
57 25.1 14.2 21.4#
100 0.0 8.8 13.2#



#70
Naphthalene
Concen: 0.481 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016383.D
Acq: 31 May 2020 13:02

Tgt Ion: 128 Resp: 6393
Ion Ratio Lower Upper
128 100
129 8.6 8.6 12.8
127 12.7 10.7 16.1

