

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016032.D
 Acq On : 13 May 2020 11:50
 Operator : SY/MD
 Sample : VV0513WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151738	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151957	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45442	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	43560	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.12	63	69781	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.94	46	117036	49.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	4.38	84	93830	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	51163	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	179113	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.10	67	55429	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	158911	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	7.65	79	18832	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	8.12	63	88028	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37754	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56945	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

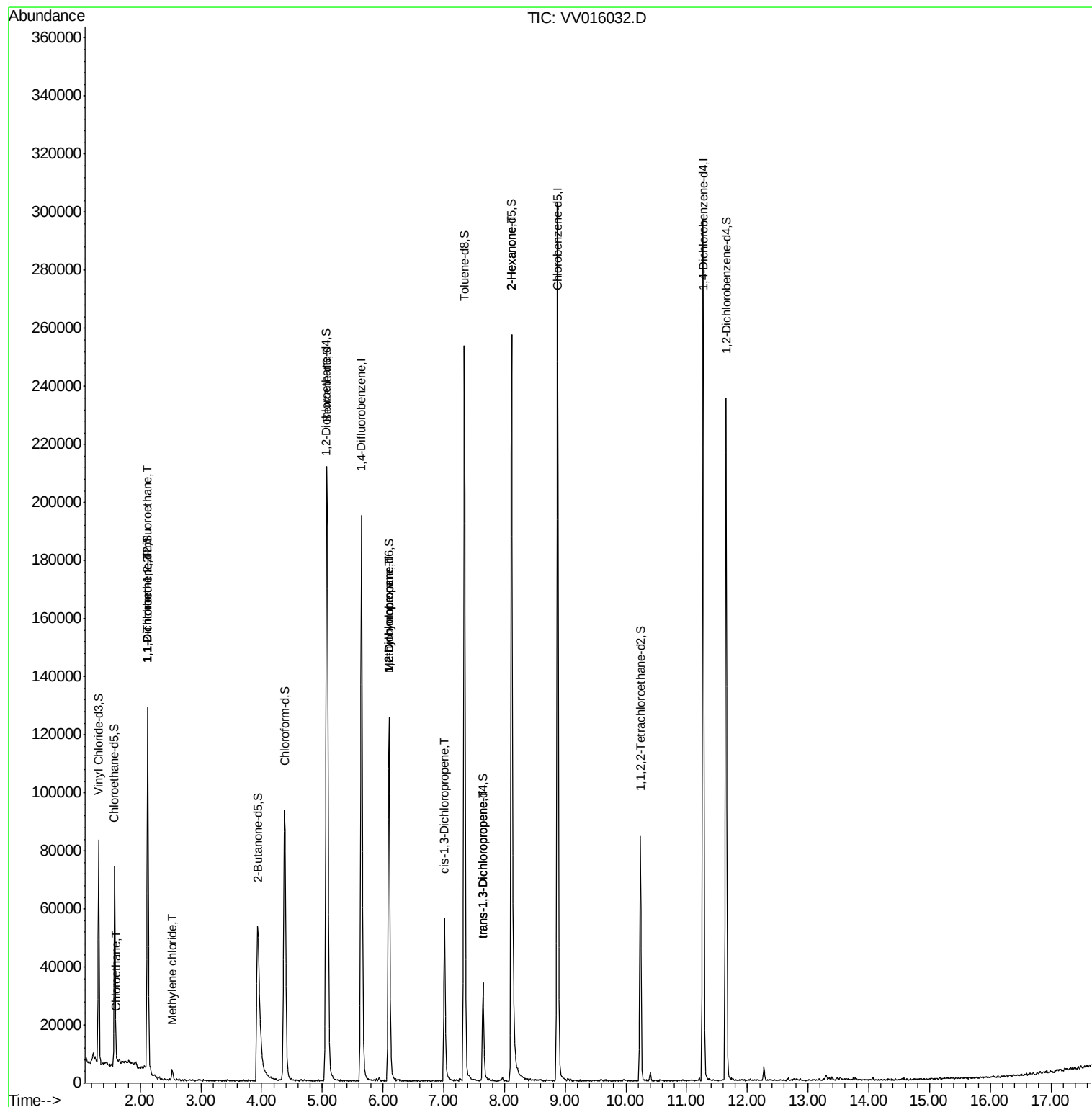
					Ovalue
8) Chloroethane	1.62	64	1924	0.240 ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	634	0.073 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	592	0.071 ug/L #	1
16) Methylene chloride	2.53	84	1314	0.132 ug/L	82
35) Methylcyclohexane	6.10	83	13450	0.815 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6676	0.687 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1557	0.113 ug/L #	60
46) trans-1,3-Dichloropropene	7.65	75	1012	0.087 ug/L #	61
50) 2-Hexanone	8.12	43	14277	3.335 ug/L #	78

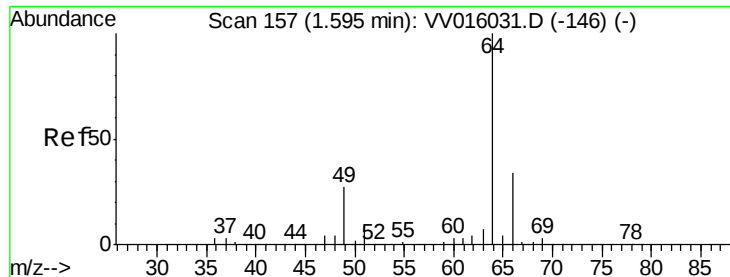
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 13 May 2020 11:50
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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 14 02:27:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.240 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VV016032.D

Acq: 13 May 2020 11:50

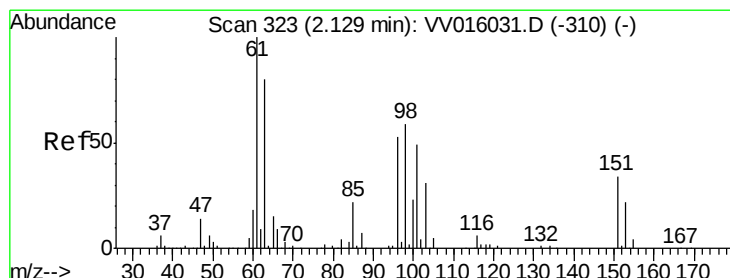
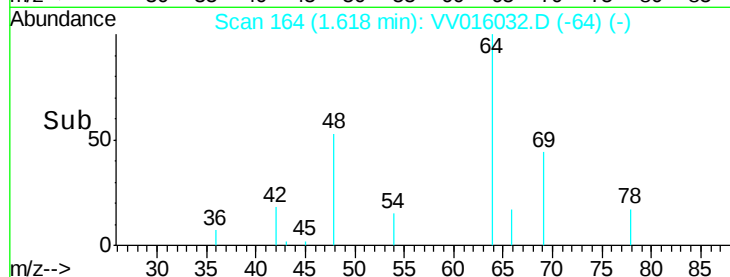
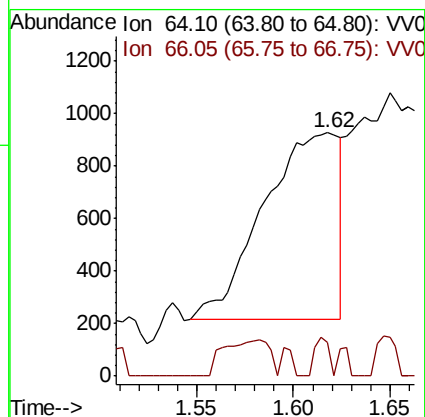
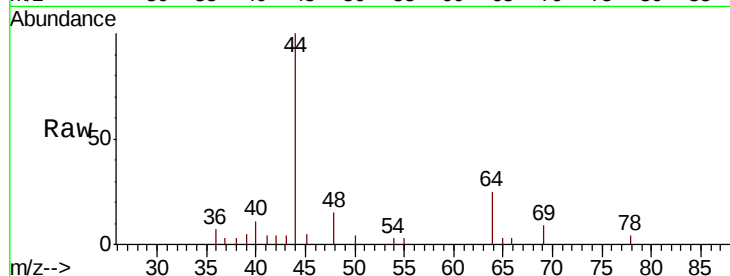
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 1924

Ion Ratio Lower Upper

64 100

66 14.0 23.6 43.8#



#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016032.D

Acq: 13 May 2020 11:50

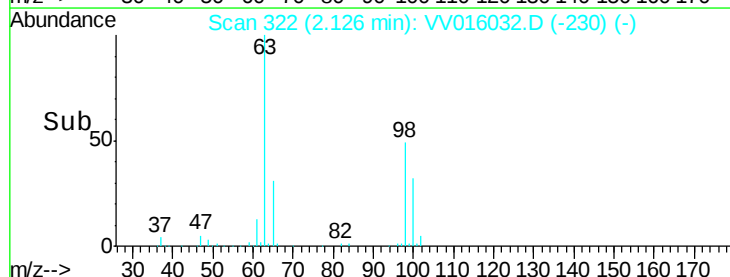
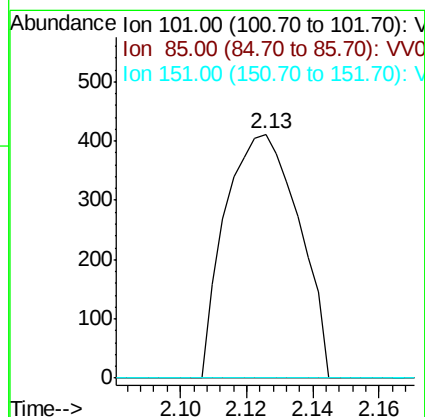
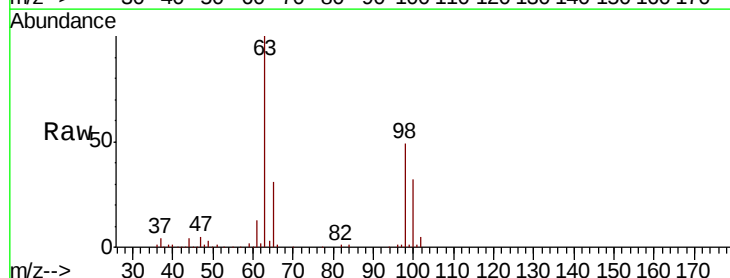
Tgt Ion: 101 Resp: 634

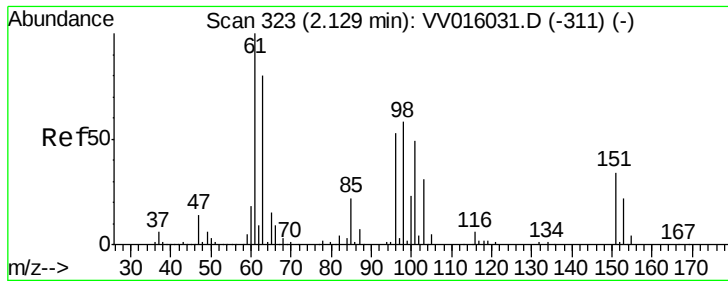
Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 58.0 87.0#

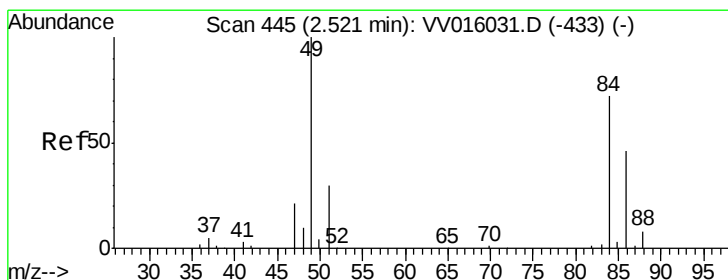
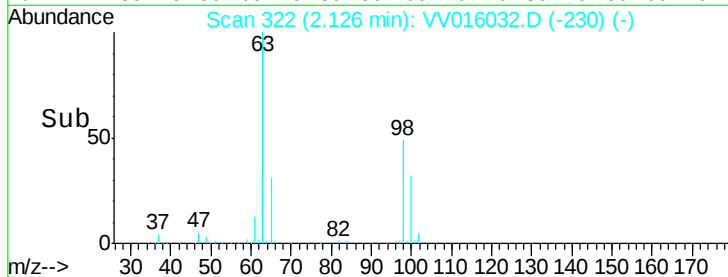
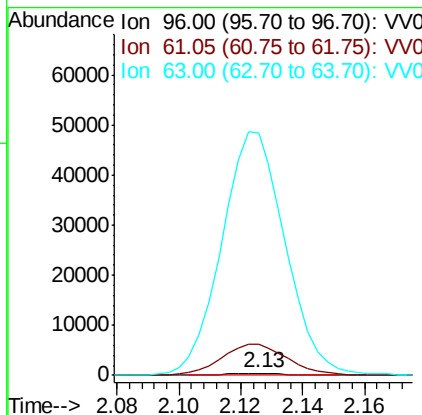
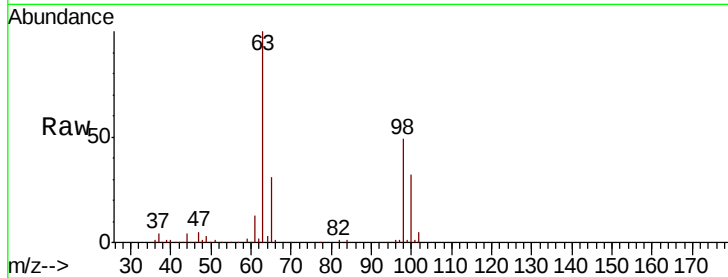




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV016032.D
 Acq: 13 May 2020 11:50

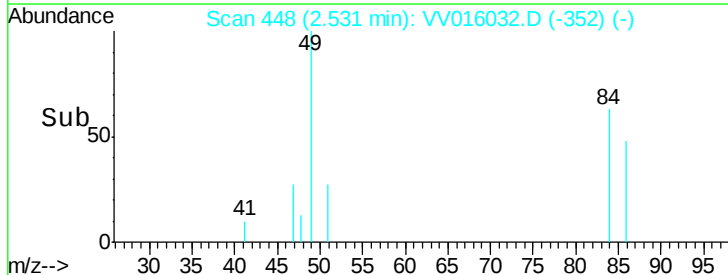
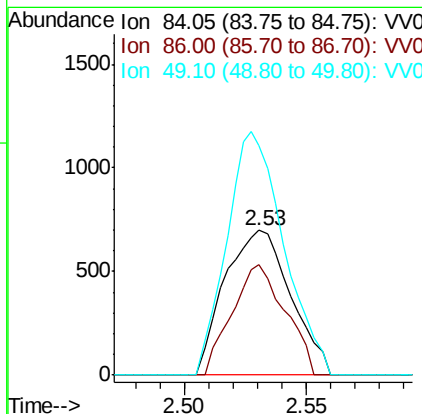
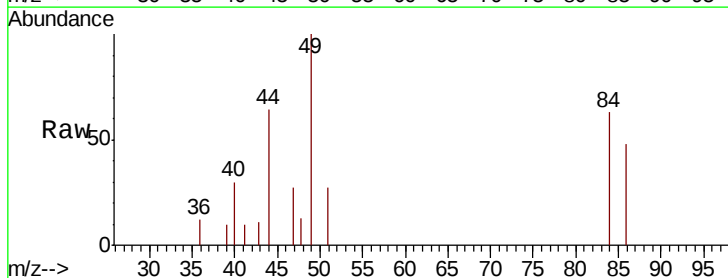
Instrument :
 MSVOA_V
 ClientSampleId :

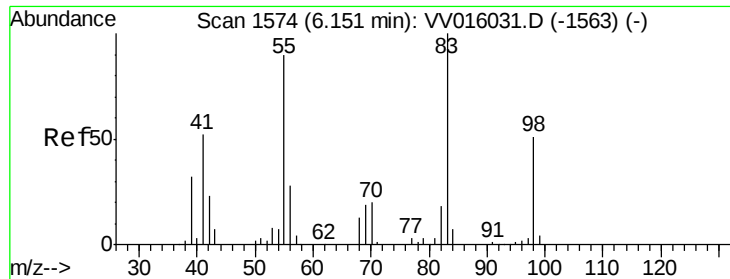
Tot Ion: 96 Resp: 592
 Ion Ratio Lower Upper
 96 100
 61 1428.2 139.9 259.7#
 63 11297.0 106.4 197.6#



#16
 Methylene chloride
 Concen: 0.132 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. 0.01 min
 Lab File: VV016032.D
 Acq: 13 May 2020 11:50

Tgt Ion: 84 Resp: 1314
 Ion Ratio Lower Upper
 84 100
 86 76.0 45.6 84.8
 49 158.0 93.6 173.8

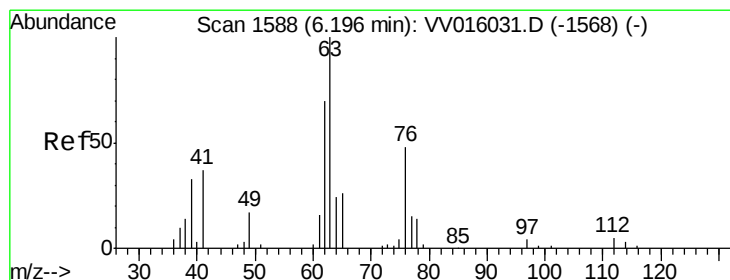
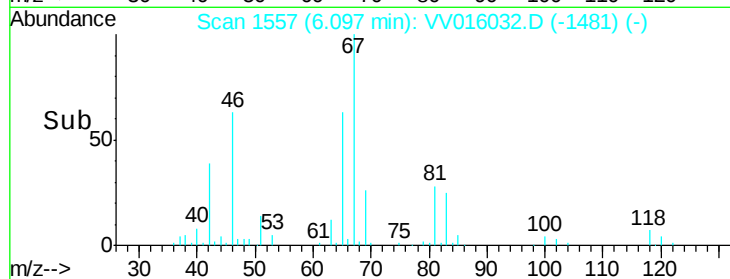
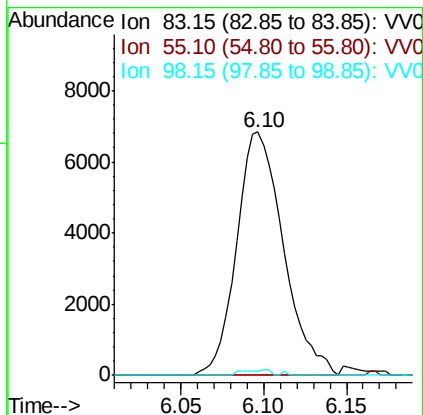
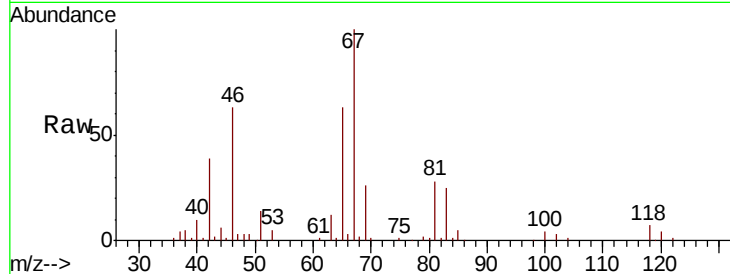




#35
Methvlcvclohexane
Concen: 0.815 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016032.D
Acq: 13 May 2020 11:50

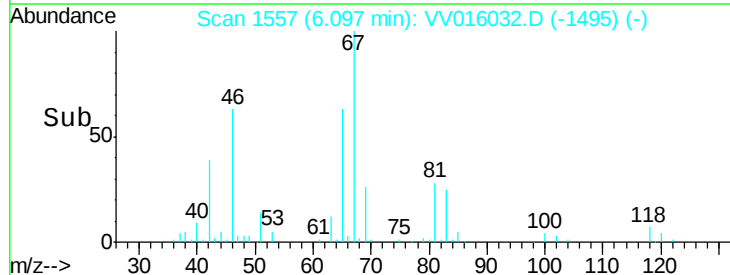
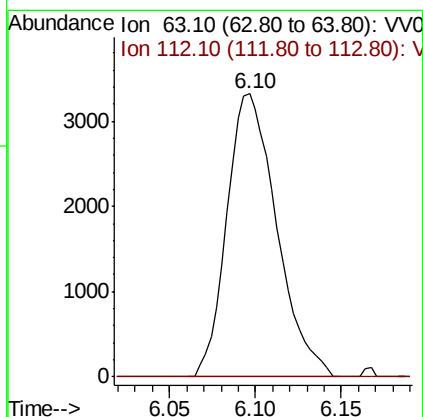
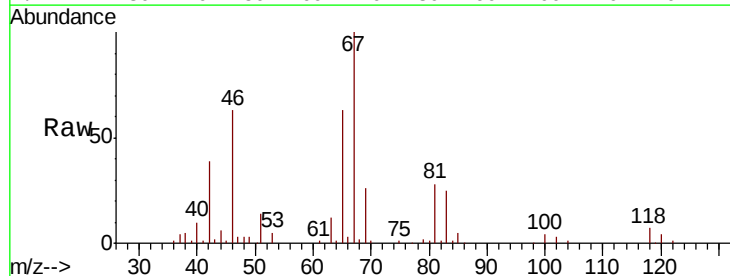
Instrument :
MSVOA_V
ClientSampleId :

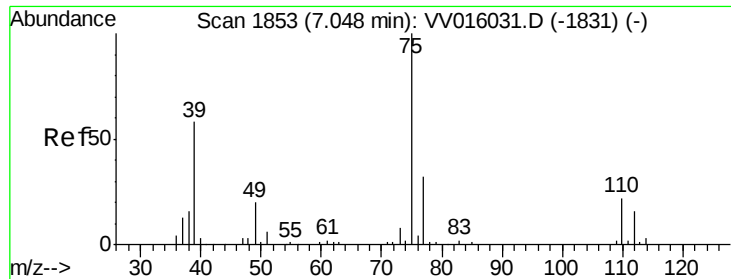
Tot Ion: 83 Resp: 13450
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 1.3 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016032.D
Acq: 13 May 2020 11:50

Tgt Ion: 63 Resp: 6676
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

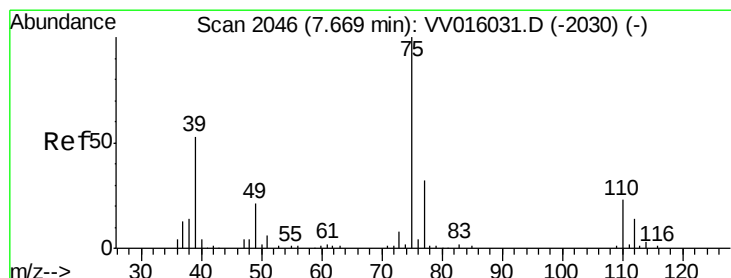
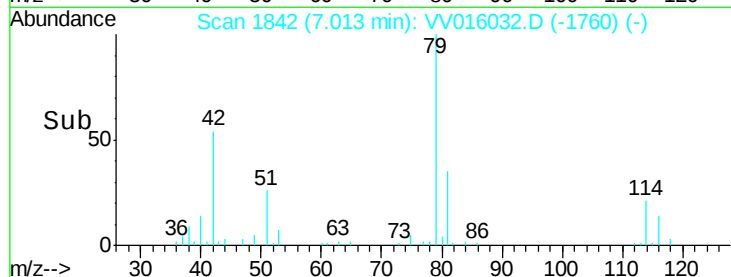
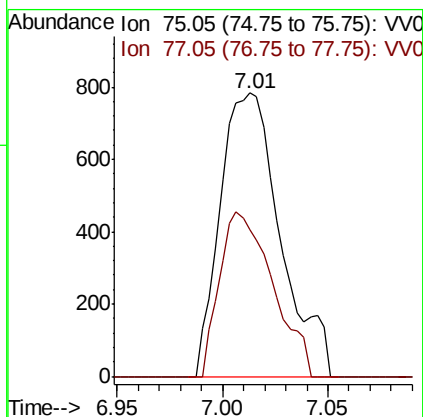
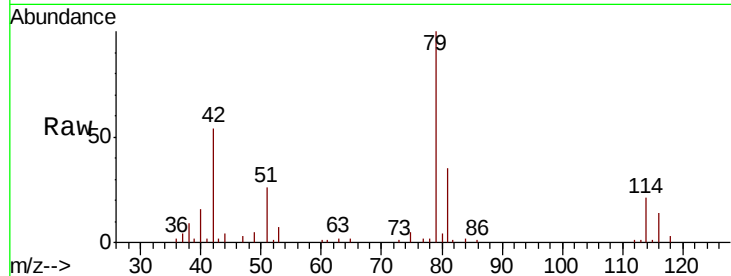




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016032.D
 Acq: 13 May 2020 11:50

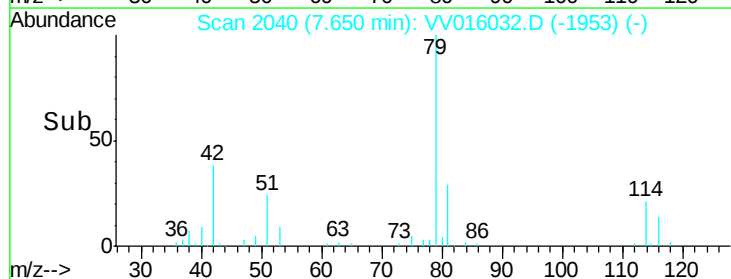
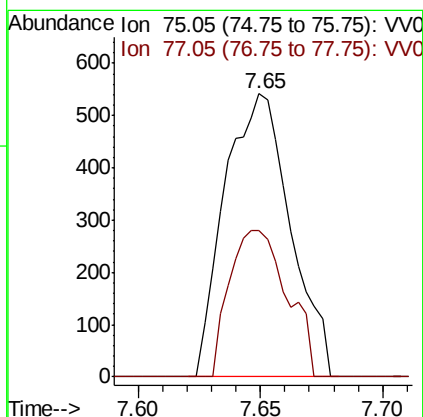
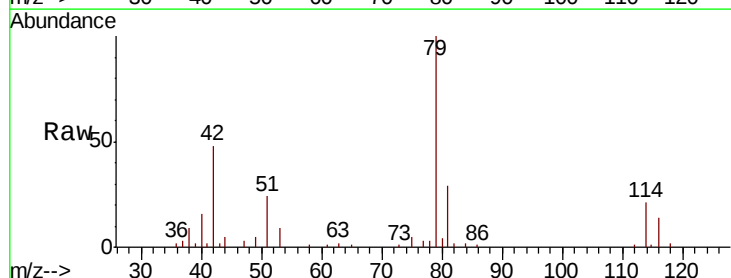
Instrument :
 MSVOA_V
 ClientSampleId :

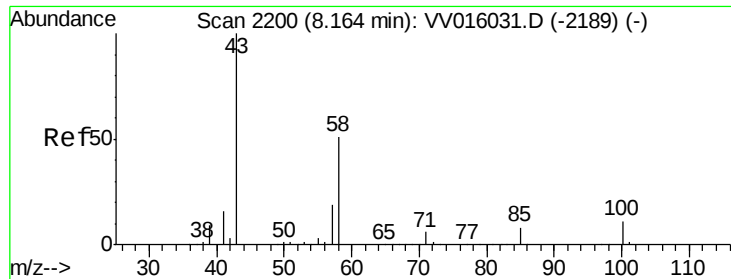
Tot Ion: 75 Resp: 1557
 Ion Ratio Lower Upper
 75 100
 77 52.0 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016032.D
 Acq: 13 May 2020 11:50

Tgt Ion: 75 Resp: 1012
 Ion Ratio Lower Upper
 75 100
 77 51.8 21.3 39.6#





#50
 2-Hexanone
 Concen: 3.335 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV016032.D
 Acq: 13 May 2020 11:50

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	14277
Ion	Ratio	Lower	Upper
43	100		
58	34.5	40.8	61.2#
57	23.9	14.7	22.1#
100	0.5	9.0	13.6#

