

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016282.D
 Acq On : 28 May 2020 17:22
 Operator : SY/MD
 Sample : L2755-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:16:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78862	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	78941	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	34921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26923	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	20455	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	37833	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.94	46	66892	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.38	84	47781	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	27181	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	95972	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	29271	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	84316	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	9654	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.12	63	48711	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20914	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	29713	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

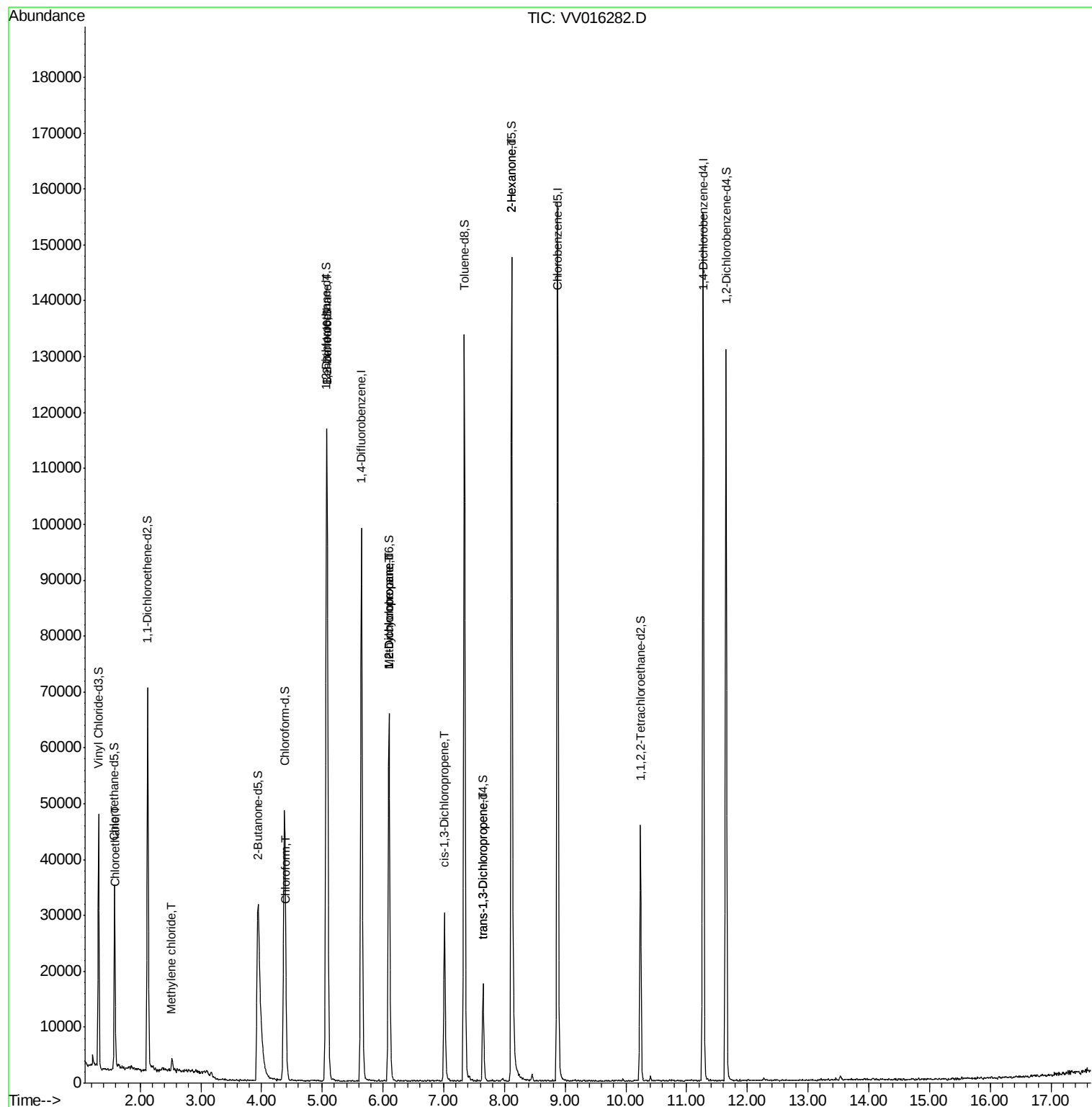
					Ovalue
8) Chloroethane	1.60	64	399	0.103 ug/L #	42
16) Methylene chloride	2.52	84	948	0.178 ug/L	92
25) Chloroform	4.41	83	2134	0.209 ug/L	92
27) 1,2-Dichloroethane	5.08	62	549	0.082 ug/L #	79
35) Methylcyclohexane	6.10	83	7236	0.725 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3484	0.625 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	876	0.111 ug/L #	40
46) trans-1,3-Dichloropropene	7.64	75	435	0.066 ug/L #	77
50) 2-Hexanone	8.12	43	7217	2.985 ug/L #	73

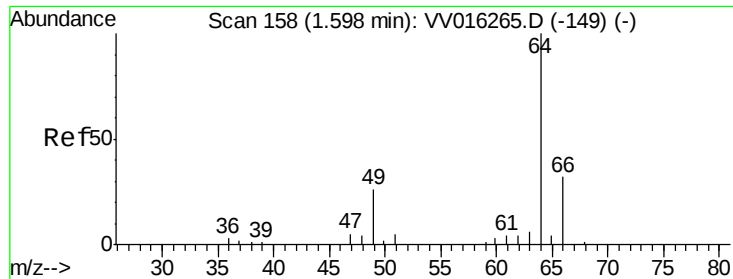
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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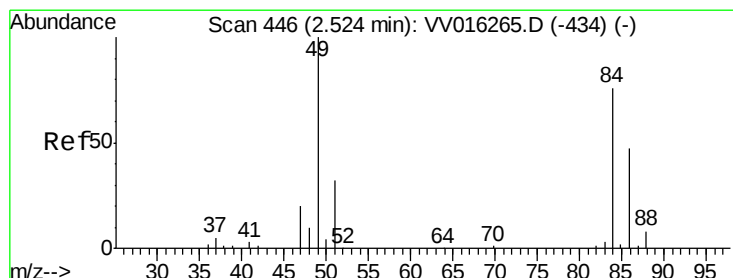
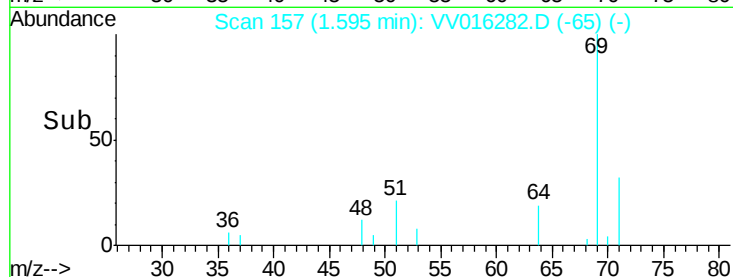
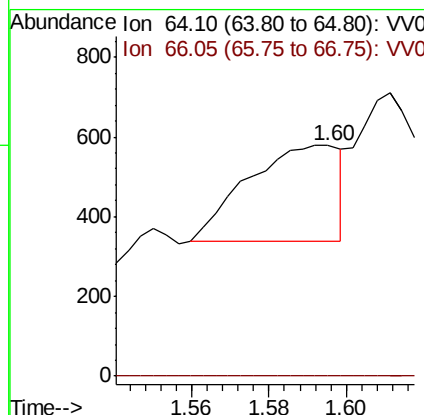
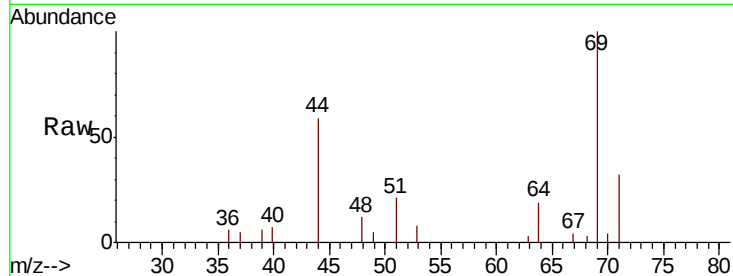




#8
Chloroethane
Concen: 0.103 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

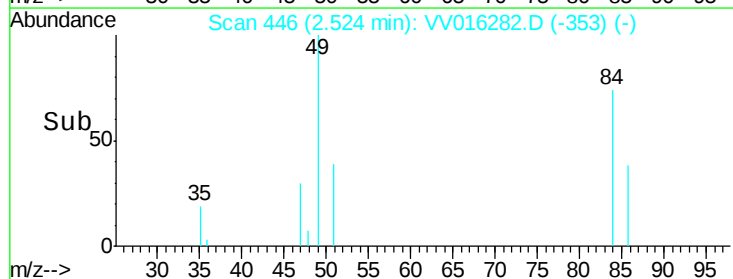
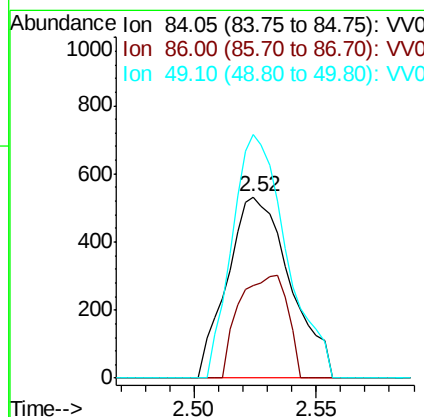
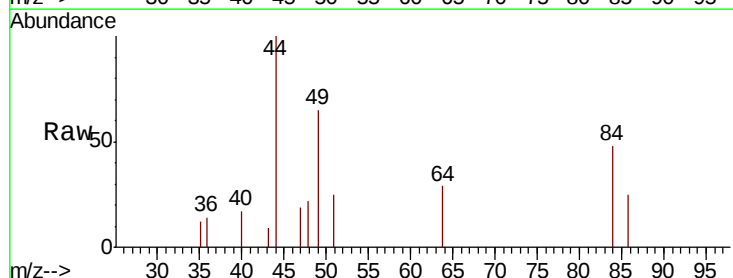
Instrument :
MSVOA_V
ClientSampled :

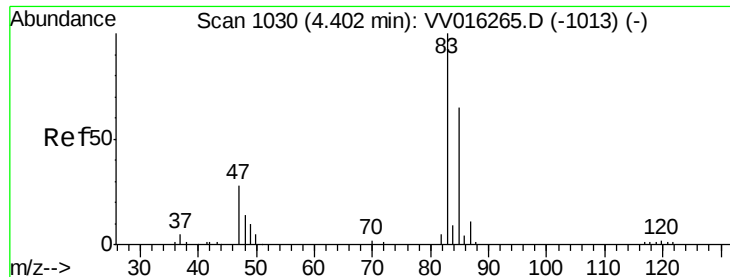
Tot Ion: 64 Resp: 399
Ion Ratio Lower Upper
64 100
66 0.0 22.9 42.5#



#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

Tgt Ion: 84 Resp: 948
Ion Ratio Lower Upper
84 100
86 50.9 44.9 83.5
49 134.4 96.7 179.7

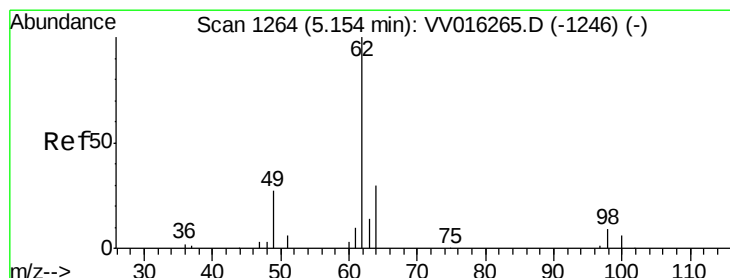
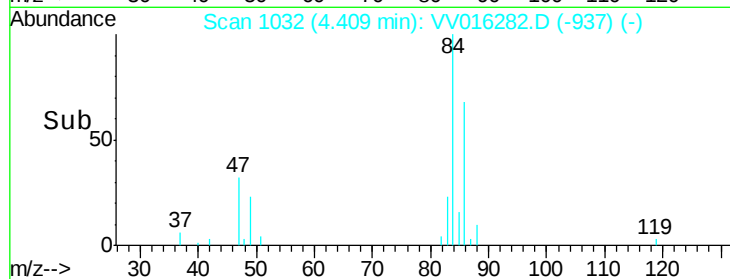
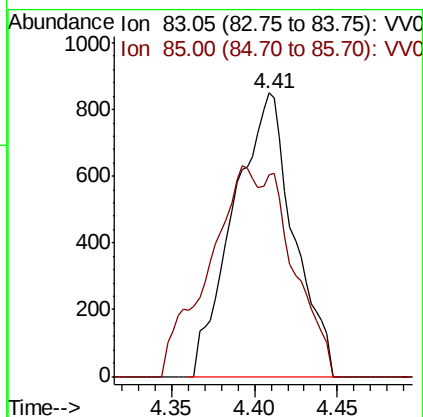
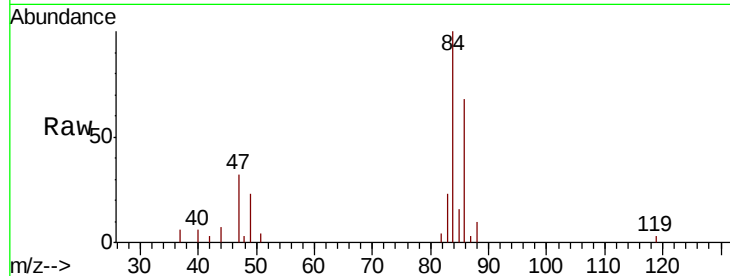




#25
Chloroform
Concen: 0.209 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

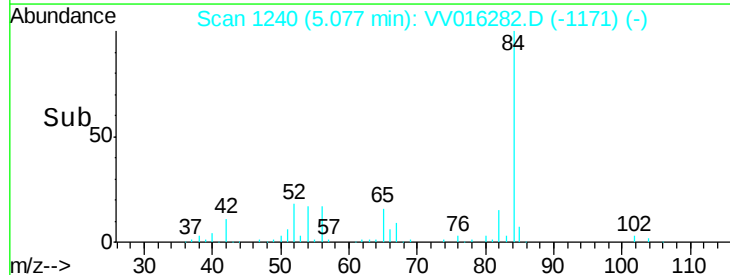
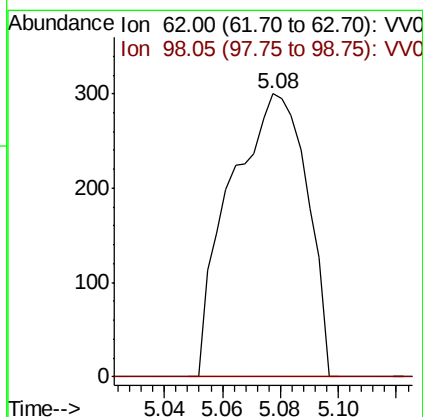
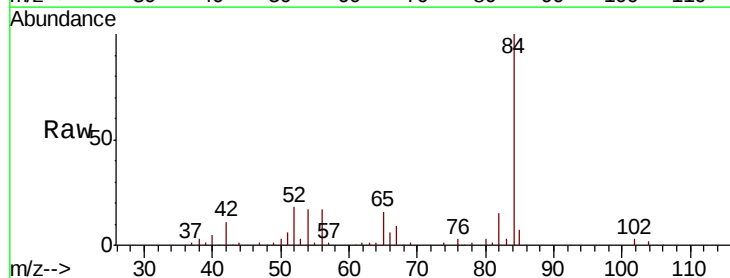
Instrument :
MSVOA_V
ClientSampled :

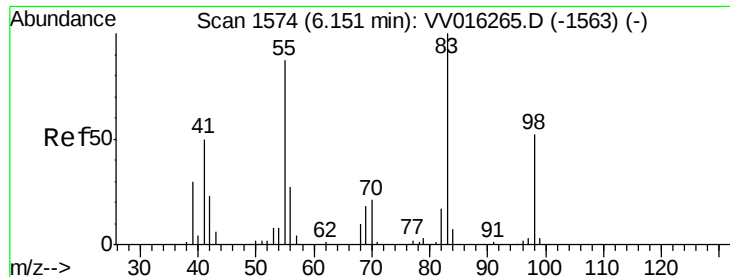
Tot Ion: 83 Resp: 2134
Ion Ratio Lower Upper
83 100
85 71.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

Tgt Ion: 62 Resp: 549
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

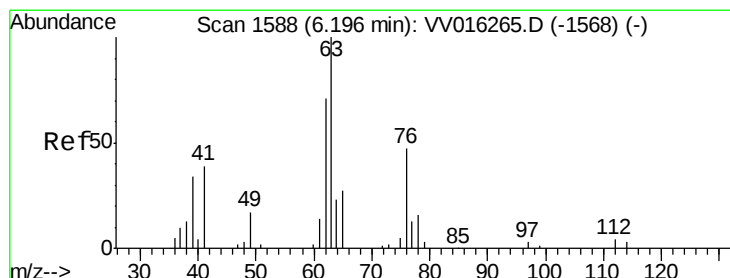
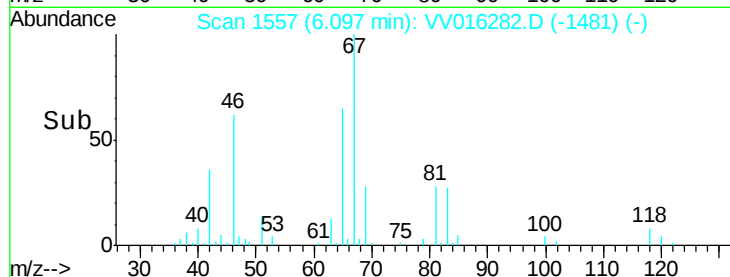
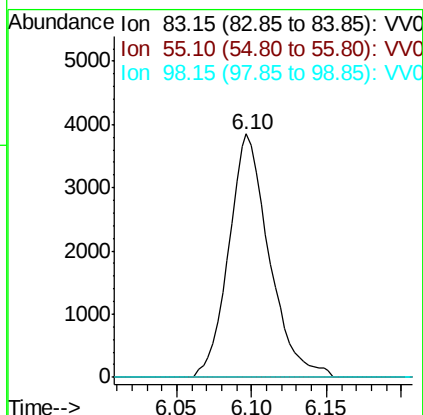
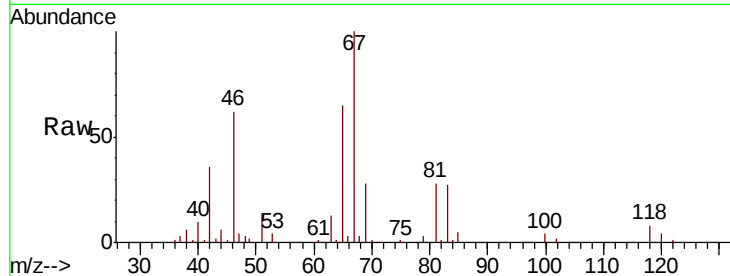




#35
Methvlcvclohexane
Concen: 0.725 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

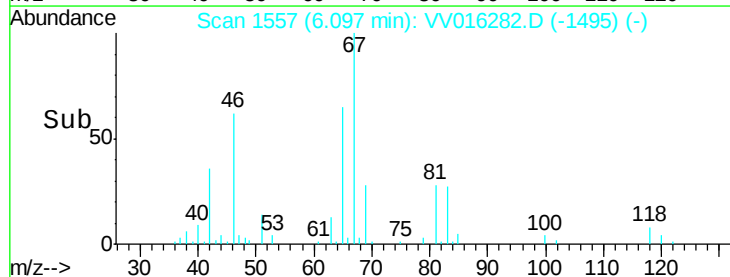
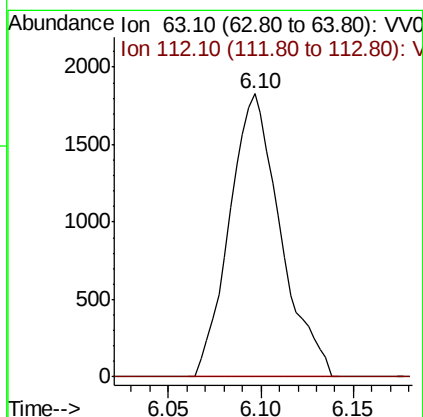
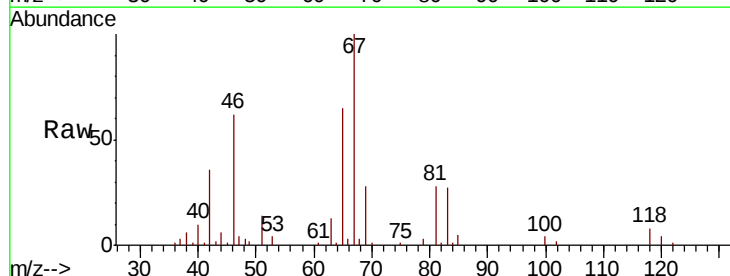
Instrument :
MSVOA_V
ClientSampleId :

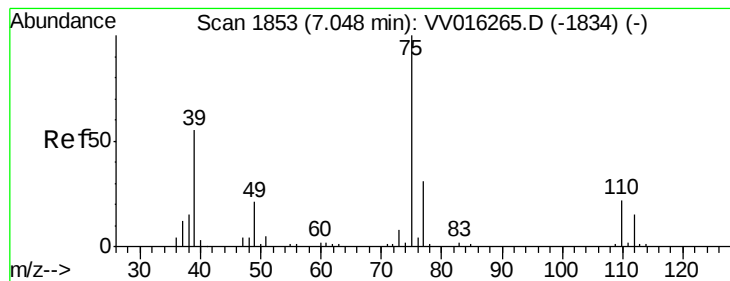
Tot Ion: 83 Resp: 7236
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.3 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

Tgt Ion: 63 Resp: 3484
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



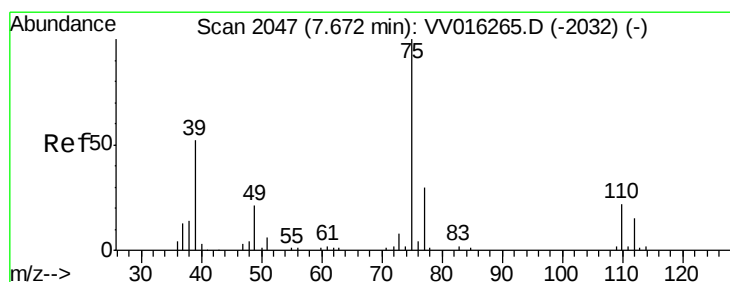
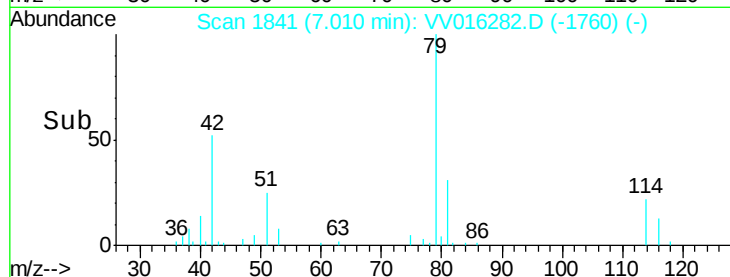
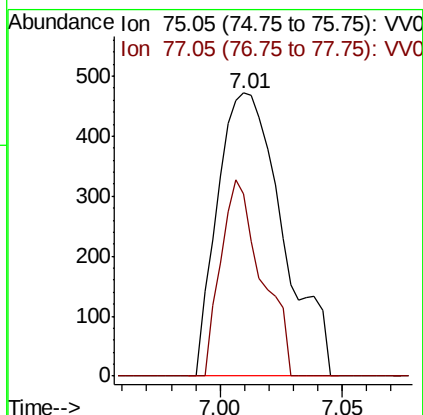
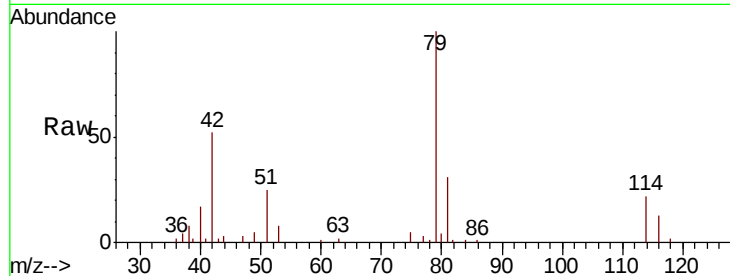


#39

cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

Instrument :
MSVOA_V
ClientSampled :

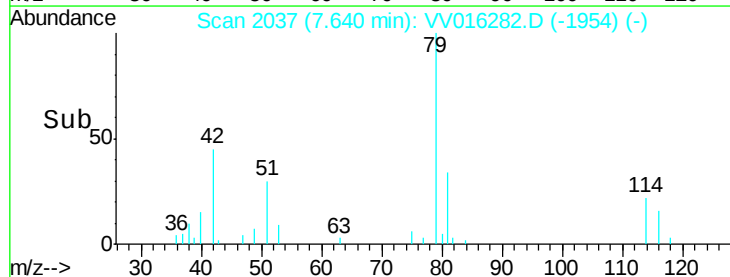
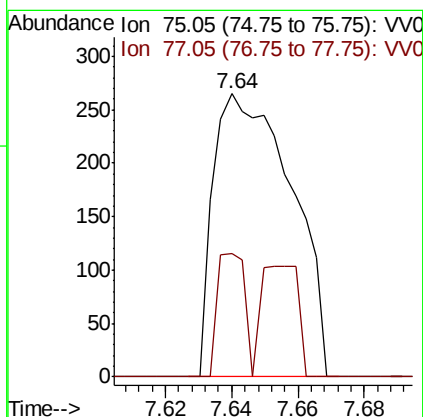
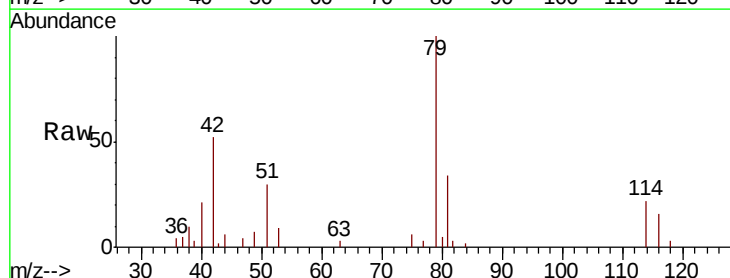
Tot Ion: 75 Resp: 876
Ion Ratio Lower Upper
75 100
77 64.2 21.7 40.3#

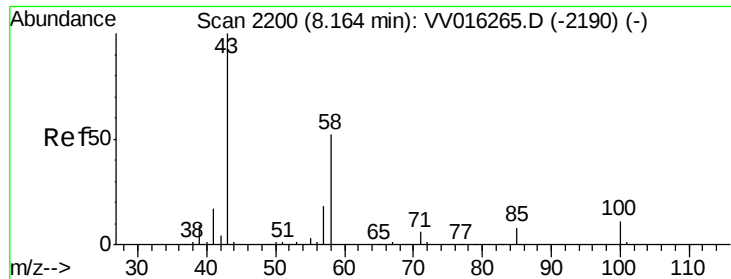


#46

trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016282.D
Acq: 28 May 2020 17:22

Tgt Ion: 75 Resp: 435
Ion Ratio Lower Upper
75 100
77 43.8 21.7 40.3#





#50

2-Hexanone

Concen: 2.985 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016282.D

Acq: 28 May 2020 17:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7217

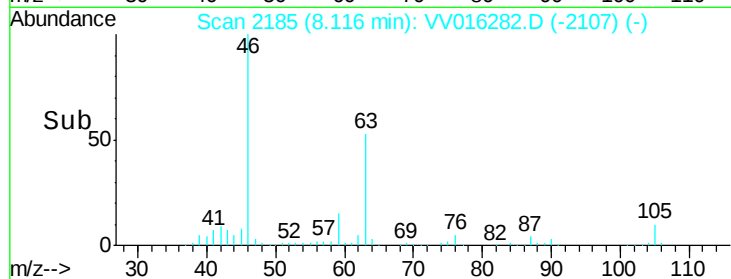
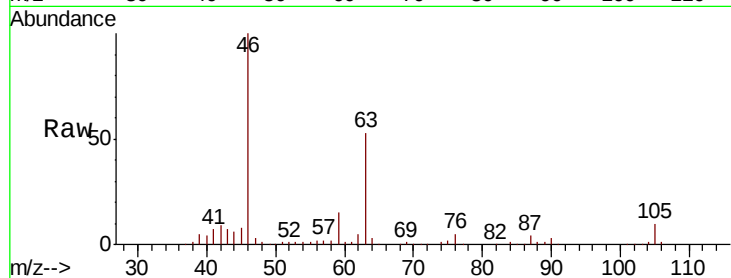
Ion Ratio Lower Upper

43 100

58 29.8 41.4 62.0#

57 25.3 15.0 22.4#

100 0.3 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

