

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016262.D
 Acq On : 28 May 2020 05:25
 Operator : SY/MD
 Sample : L2756-10 1000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:39:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	94224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89709	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24823	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	24180	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	36988	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	76450	50.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.38	84	54808	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	30757	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	107582	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.10	67	33059	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	96618	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
45) trans-1,3-Dichloropropene-	7.65	79	10536	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	55938	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23803	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	34016	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

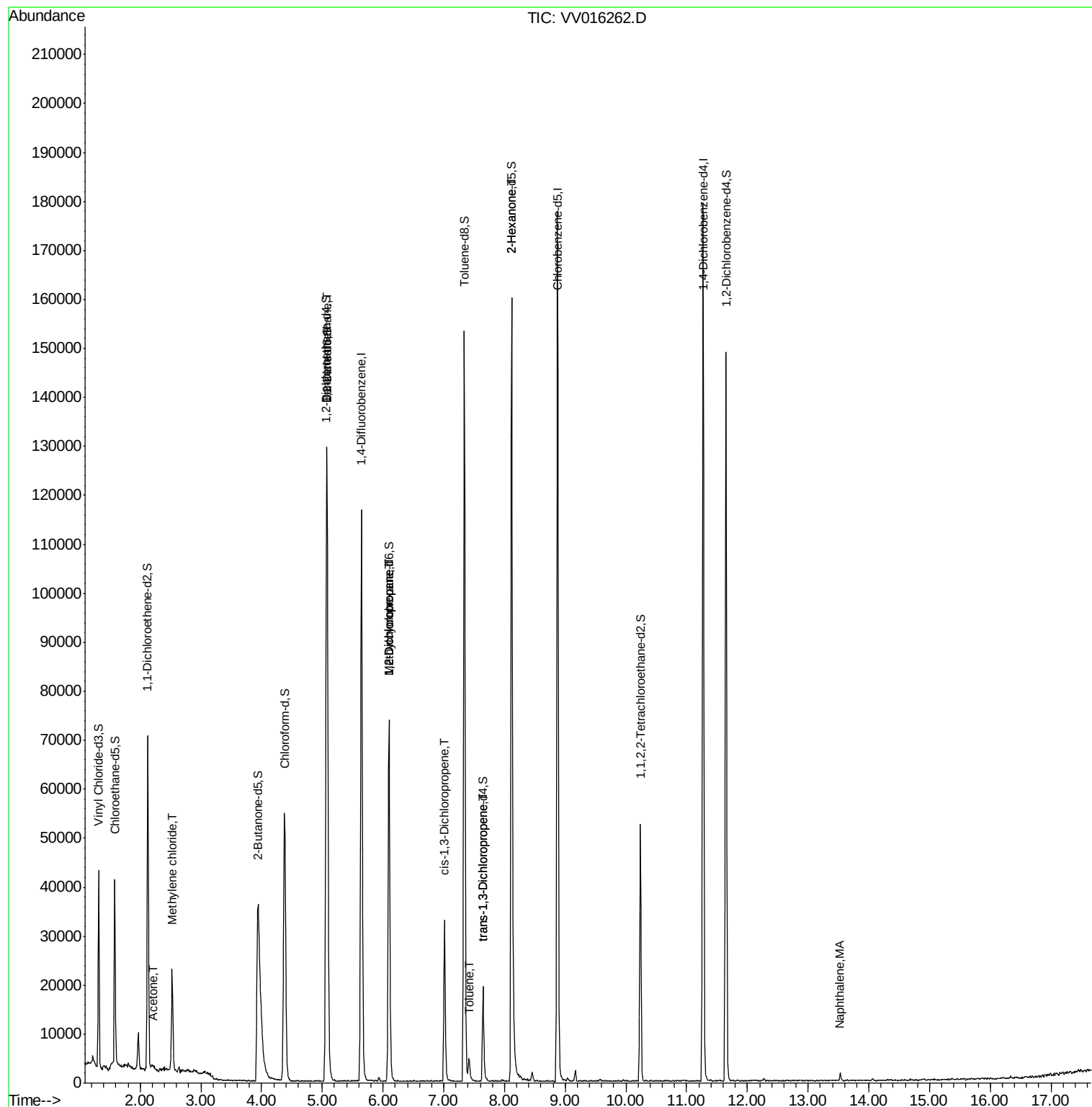
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	1126	1.212	ug/L	82
16) Methylene chloride	2.53	84	7940	1.246	ug/L	96
27) 1,2-Dichloroethane	5.07	62	428	0.054	ug/L #	79
35) Methylcyclohexane	6.10	83	8166	0.720	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	3784	0.598	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	849	0.095	ug/L #	75
42) Toluene	7.41	91	3381	0.120	ug/L	97
46) trans-1,3-Dichloropropene	7.65	75	498	0.067	ug/L #	55
50) 2-Hexanone	8.12	43	8123	2.957	ug/L #	73
70) Naphthalene	13.53	128	1651	0.097	ug/L #	90

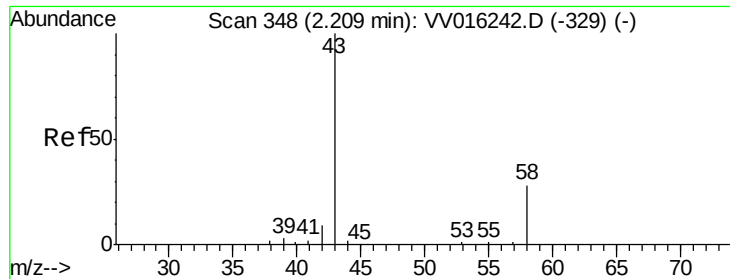
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.212 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV016262.D

Acq: 28 May 2020 05:25

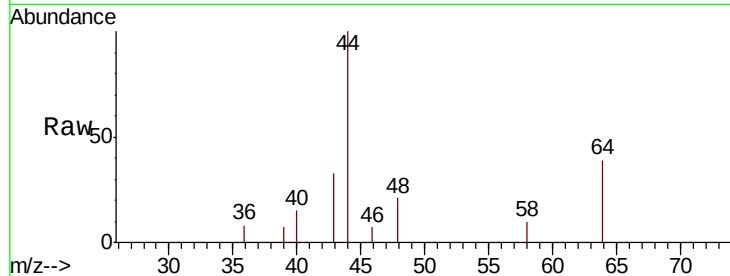
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1126

Ion Ratio Lower Upper

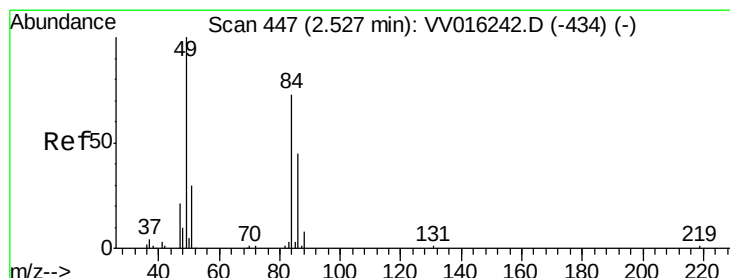
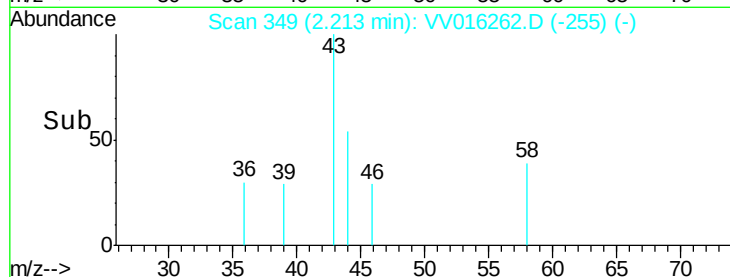
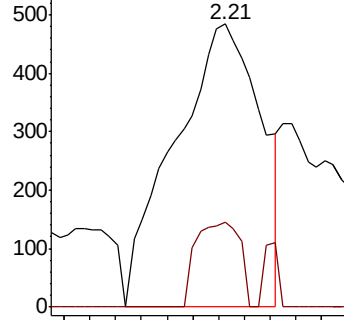
43 100

58 15.4 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 1.246 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016262.D

Acq: 28 May 2020 05:25

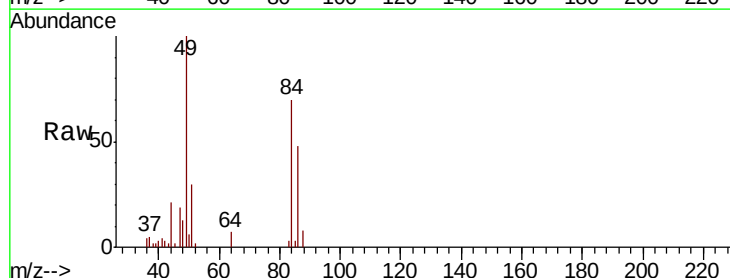
Tgt Ion: 84 Resp: 7940

Ion Ratio Lower Upper

84 100

86 67.7 44.9 83.5

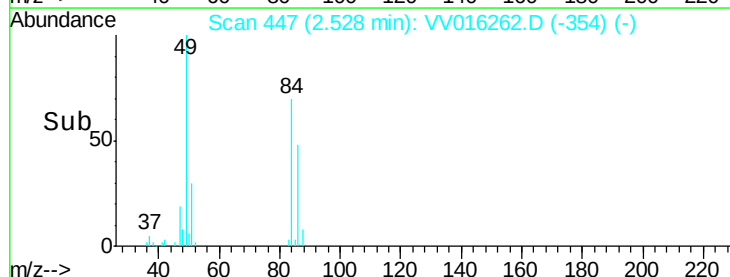
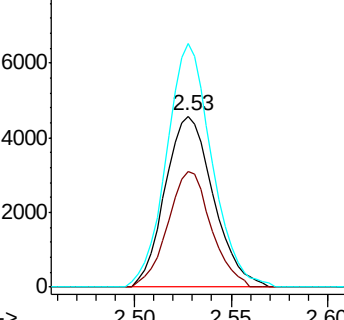
49 142.2 96.7 179.7

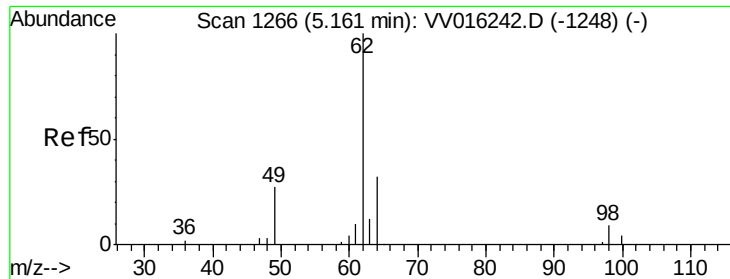


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

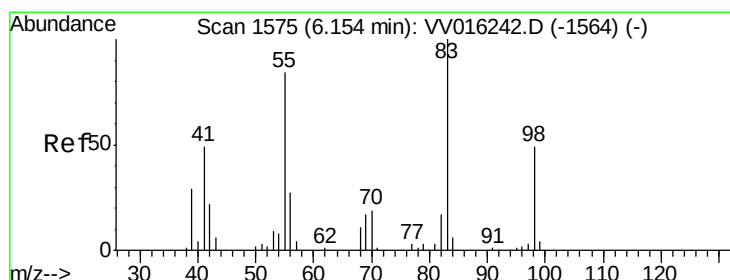
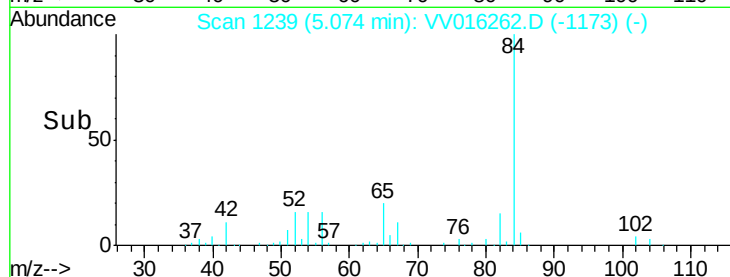
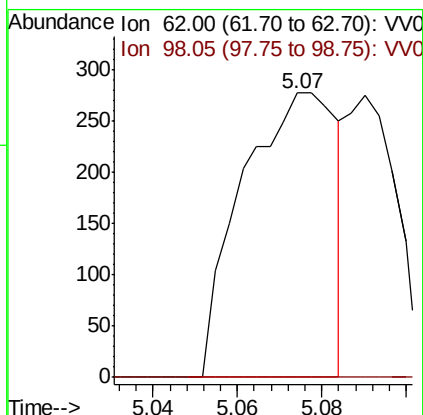
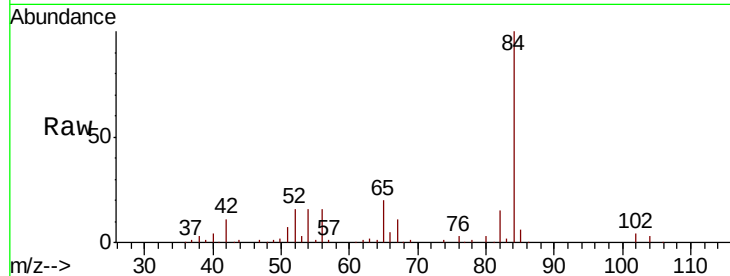




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.09 min
 Lab File: VV016262.D
 Acq: 28 May 2020 05:25

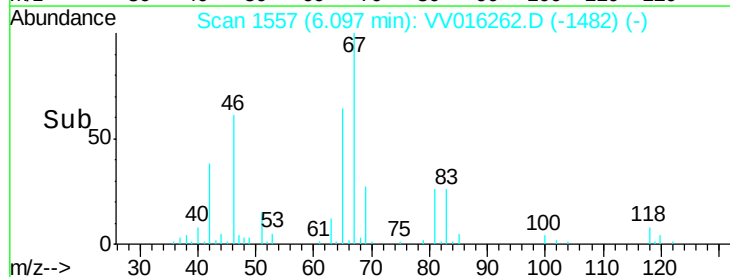
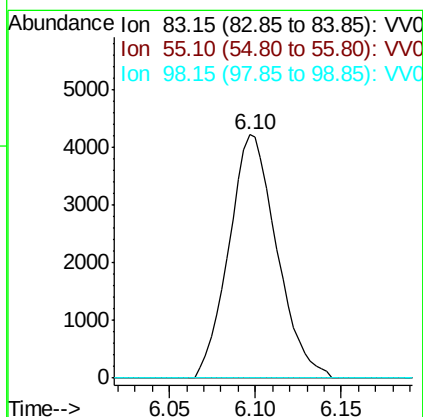
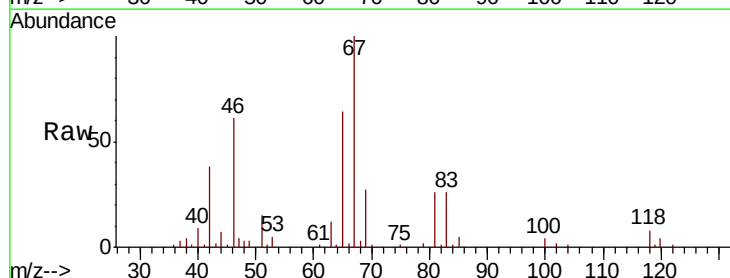
Instrument :
 MSVOA_V
 ClientSampleId :

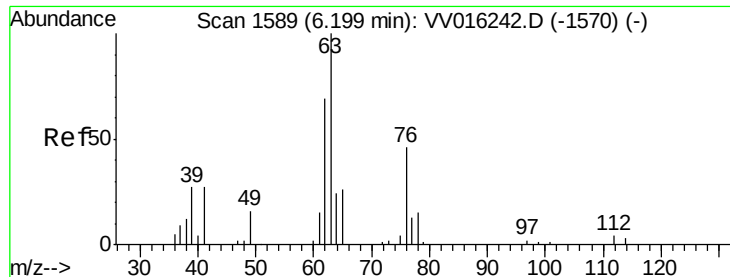
Tot Ion: 62 Resp: 428
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.720 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016262.D
 Acq: 28 May 2020 05:25

Tgt Ion: 83 Resp: 8166
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 1.6 39.3 58.9#

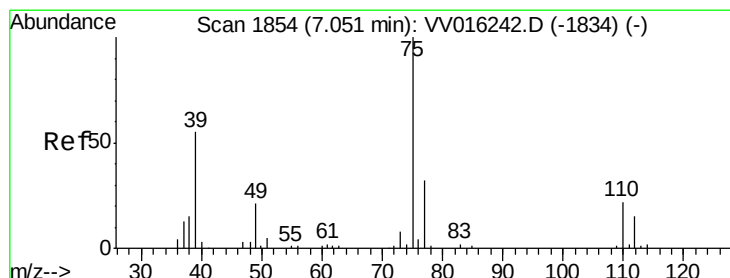
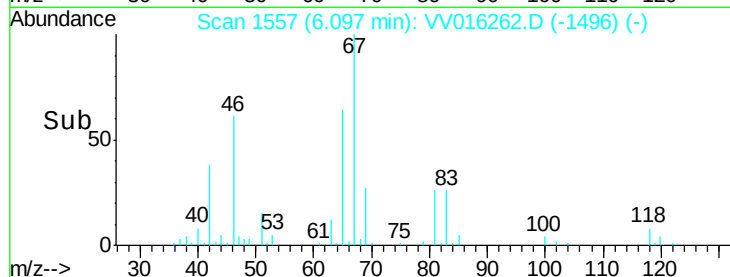
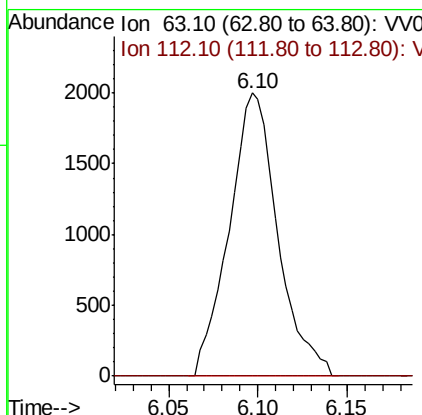
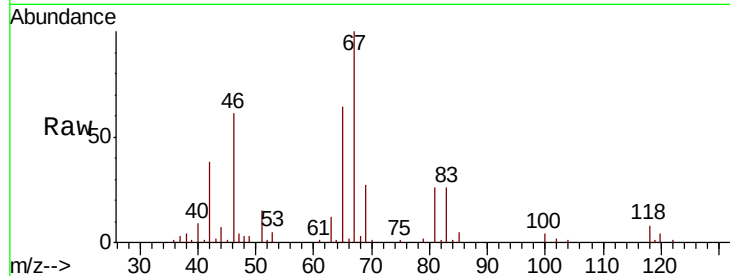




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016262.D
 Acq: 28 May 2020 05:25

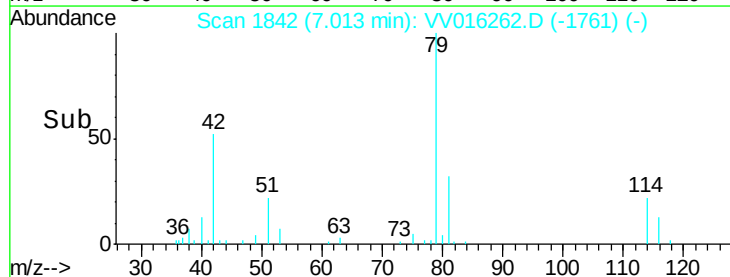
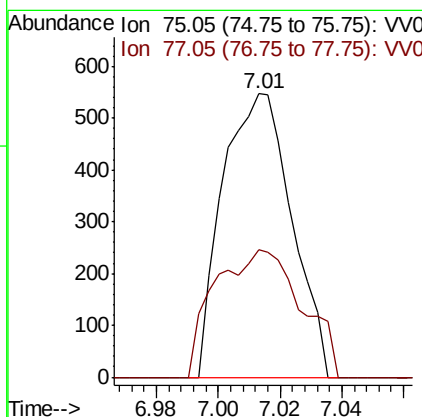
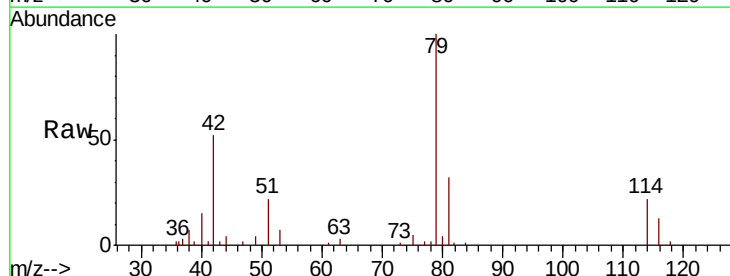
Instrument :
 MSVOA_V
 ClientSampleId :

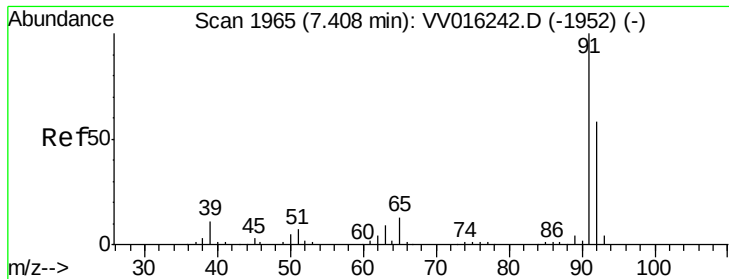
Tot Ion: 63 Resp: 3784
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016262.D
 Acq: 28 May 2020 05:25

Tgt Ion: 75 Resp: 849
 Ion Ratio Lower Upper
 75 100
 77 45.0 21.7 40.3#





#42

Toluene

Concen: 0.120 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016262.D

Acq: 28 May 2020 05:25

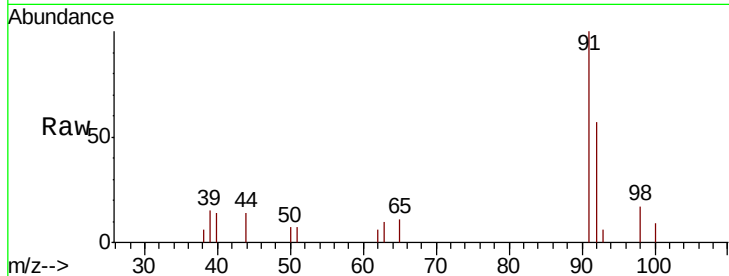
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 3381

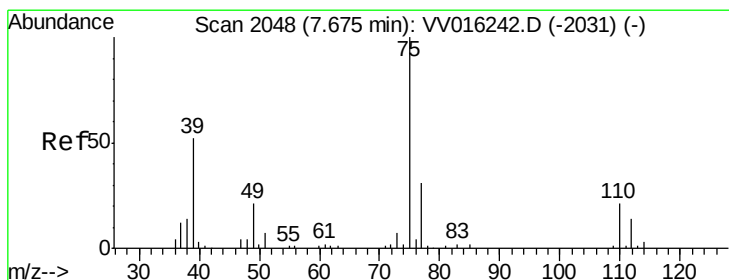
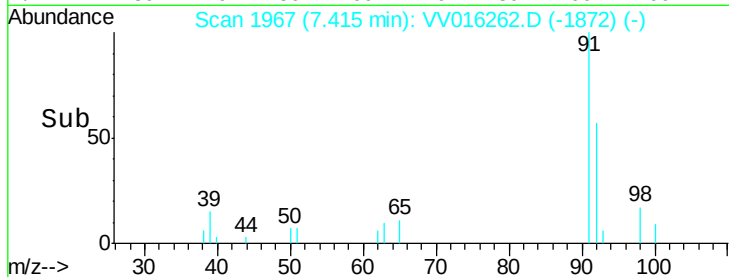
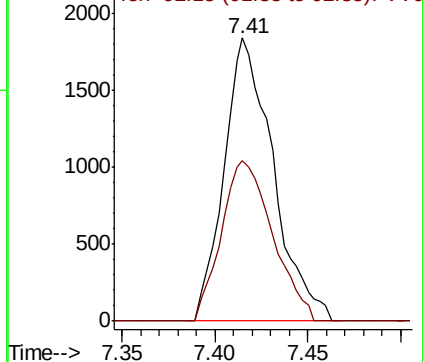
Ion Ratio Lower Upper

91 100

92 56.6 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV016262.D

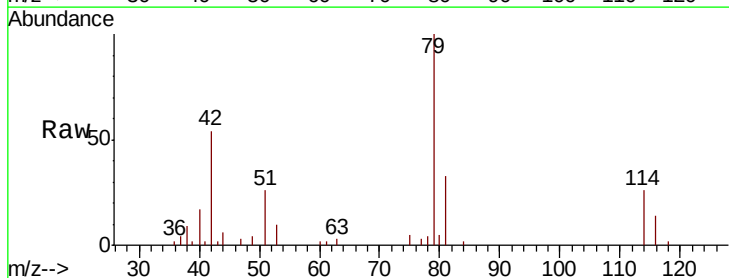
Acq: 28 May 2020 05:25

Tgt Ion: 75 Resp: 498

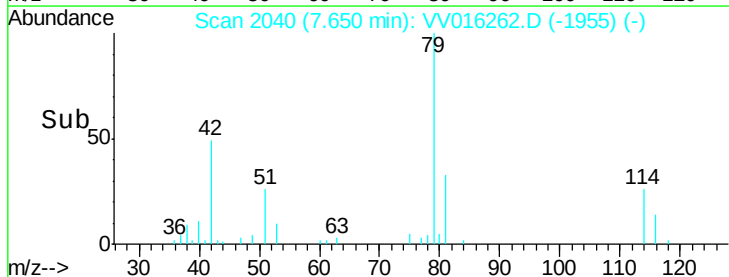
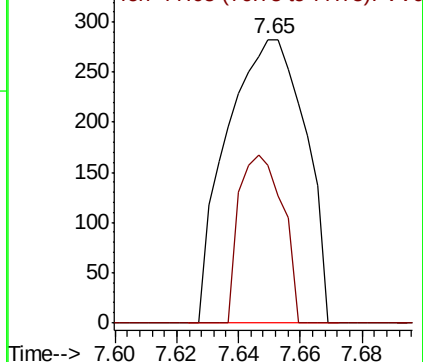
Ion Ratio Lower Upper

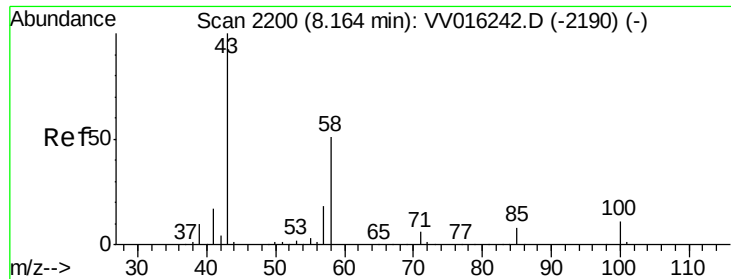
75 100

77 55.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

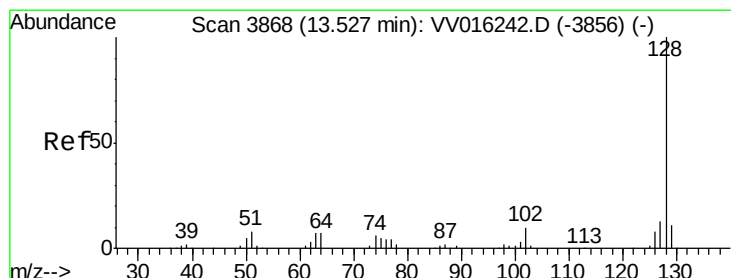
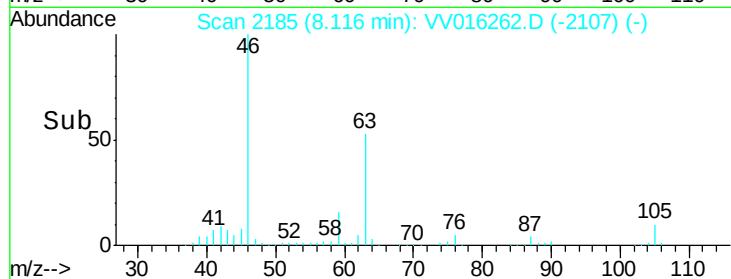
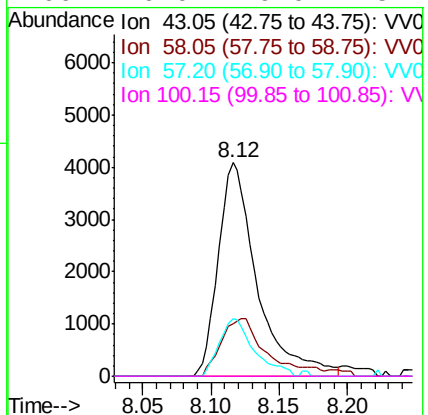
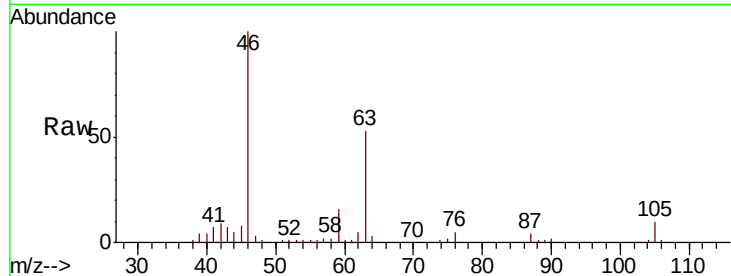




#50
2-Hexanone
Concen: 2.957 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016262.D
Acq: 28 May 2020 05:25

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8123
Ion Ratio Lower Upper
43 100
58 29.5 41.4 62.0#
57 24.0 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.097 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016262.D
Acq: 28 May 2020 05:25

Tgt Ion: 128 Resp: 1651
Ion Ratio Lower Upper
128 100
129 5.5 8.6 13.0#
127 10.6 10.6 15.8

