

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016291.D
 Acq On : 28 May 2020 21:52
 Operator : SY/MD
 Sample : VV0528WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 04:23:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	75701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	74603	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	33640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22745	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	22044	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	34012	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.94	46	72973	60.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.02%
24) Chloroform-d	4.38	84	48608	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	27958	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.08	84	98396	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.10	67	31542	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.34	98	86500	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
45) trans-1,3-Dichloropropene-	7.65	79	9606	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
48) 2-Hexanone-d5	8.12	63	50890	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21868	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	31235	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

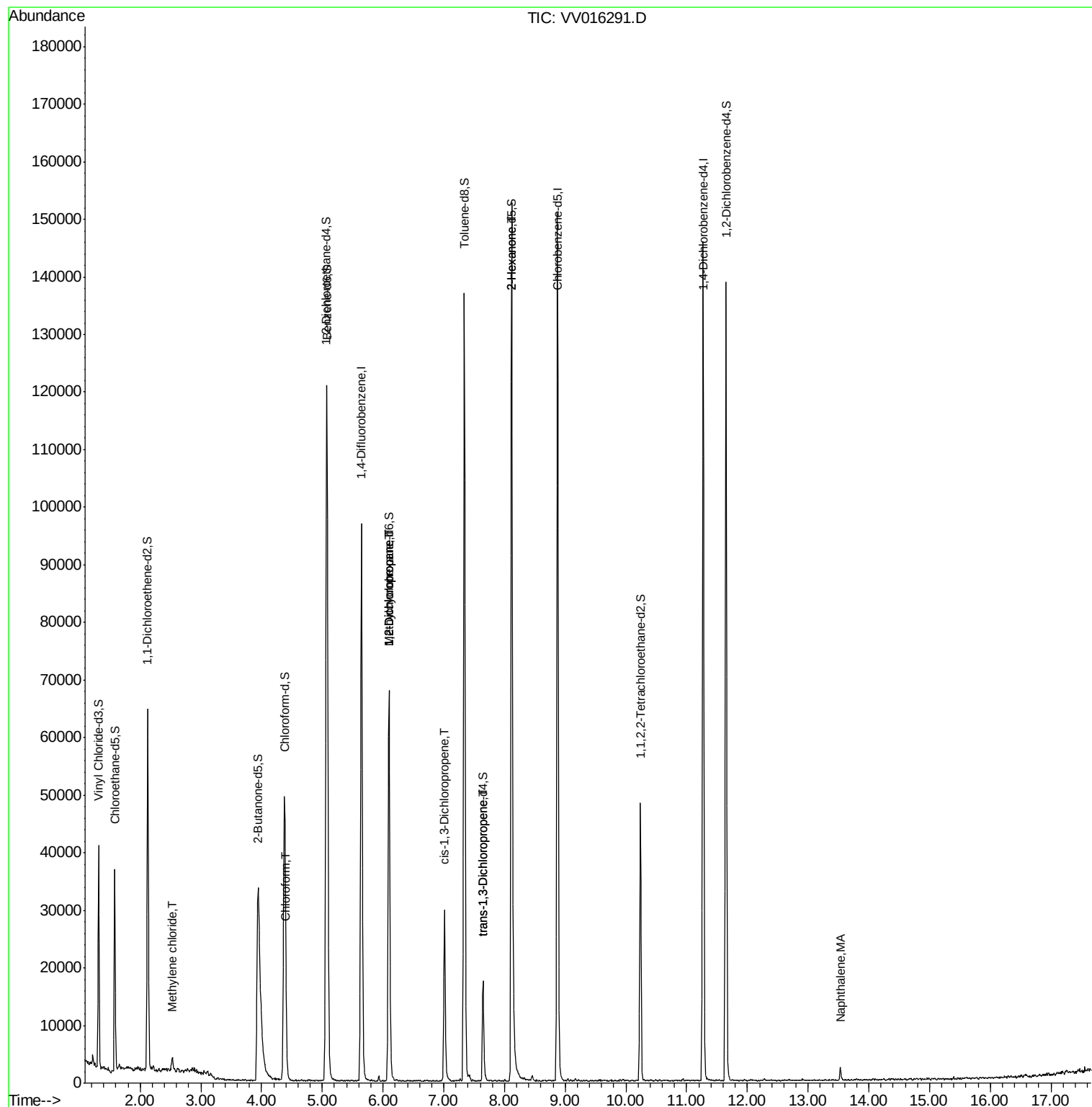
					Ovalue
16) Methylene chloride	2.52	84	932	0.182 ug/L	90
25) Chloroform	4.41	83	1932	0.197 ug/L	87
35) Methylcyclohexane	6.10	83	7683	0.815 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3953	0.751 ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	888	0.119 ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	480	0.077 ug/L #	71
50) 2-Hexanone	8.12	43	7056	3.089 ug/L #	75
70) Naphthalene	13.53	128	2161	0.155 ug/L #	90

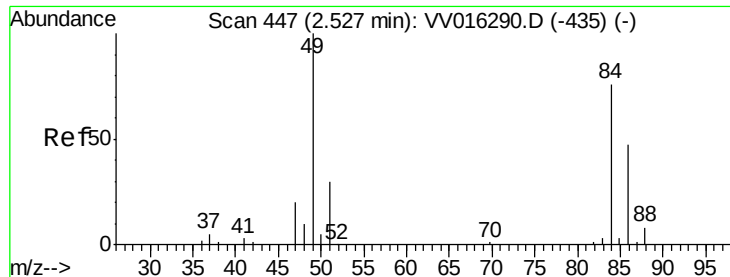
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 04:23:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

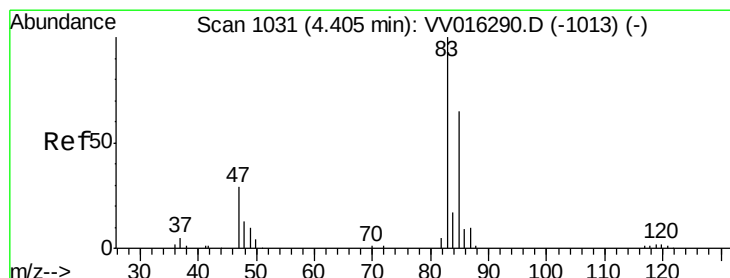
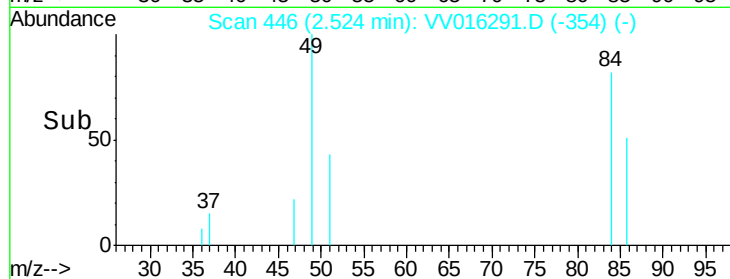
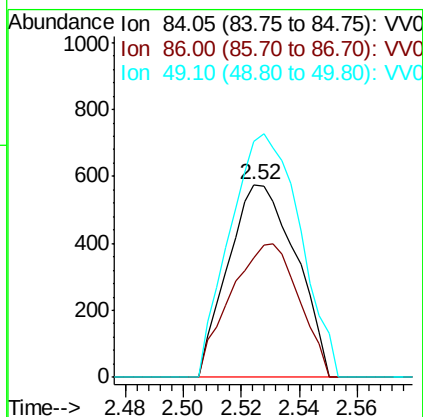
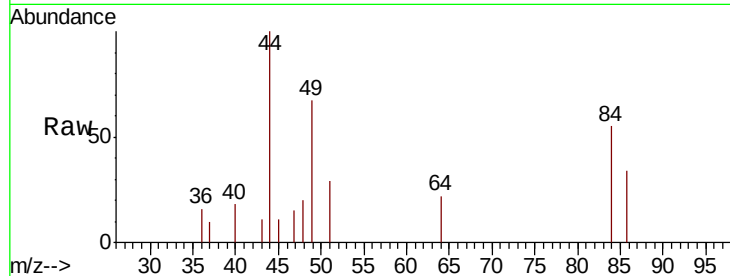




#16
Methylene chloride
Concen: 0.182 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

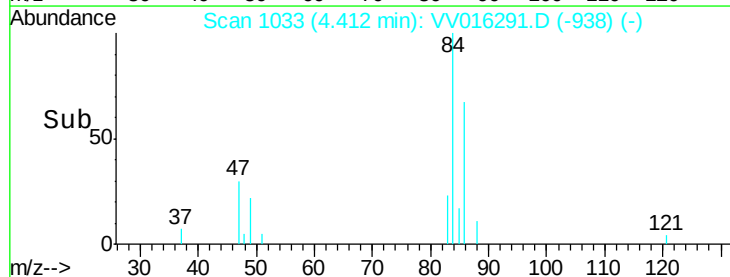
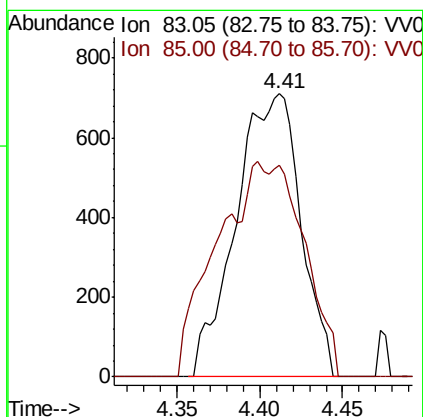
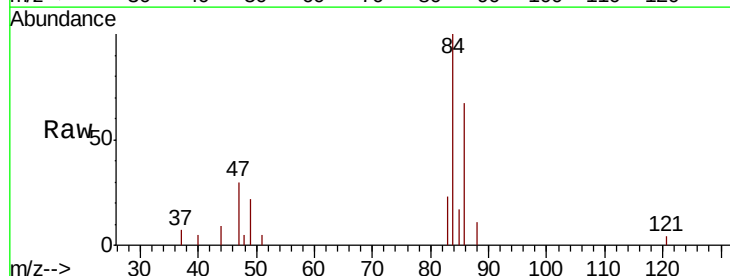
Instrument :
MSVOA_V
ClientSampled :

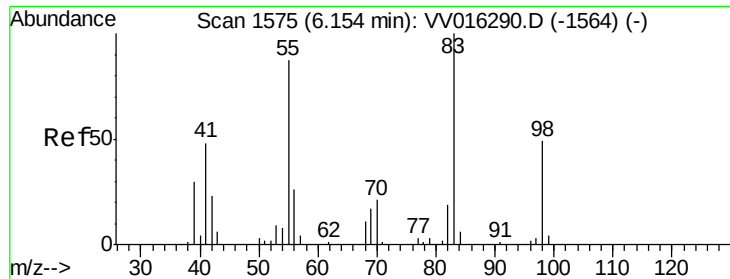
Tot Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
86 62.0 44.9 83.5
49 122.4 96.7 179.7



#25
Chloroform
Concen: 0.197 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

Tgt Ion: 83 Resp: 1932
Ion Ratio Lower Upper
83 100
85 74.8 45.1 83.7

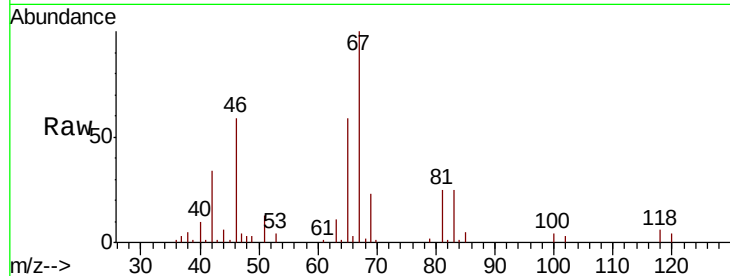




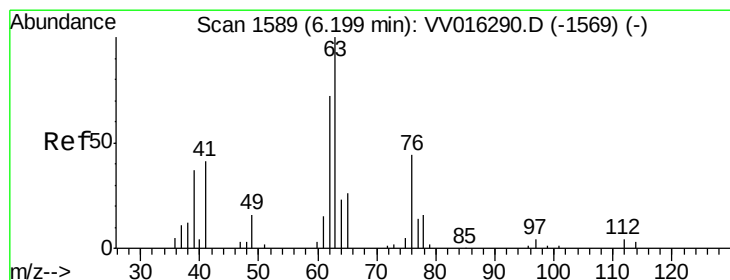
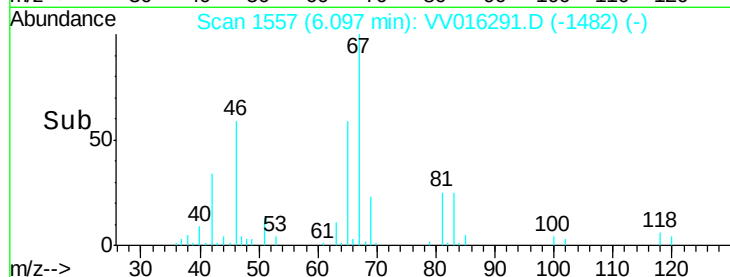
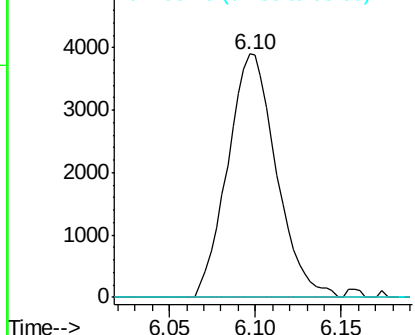
#35
Methylvlcyclohexane
Concen: 0.815 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 7683
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.3 39.3 58.9#

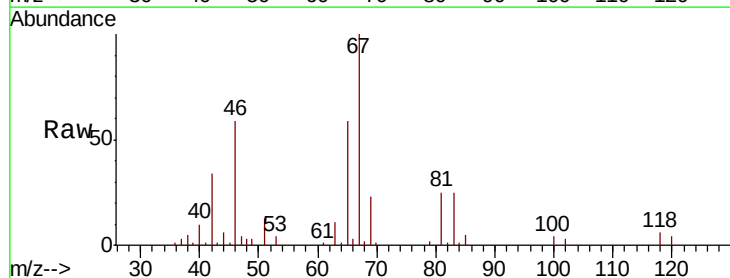


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

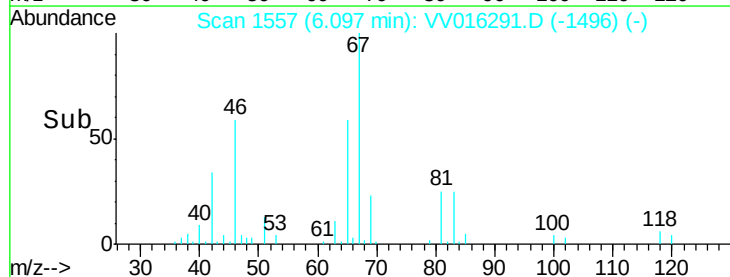
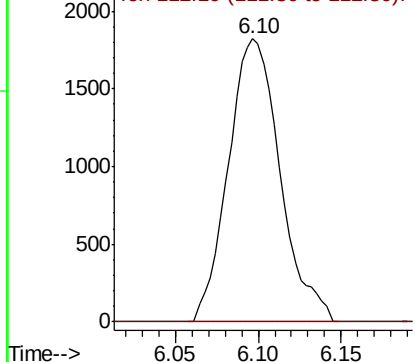


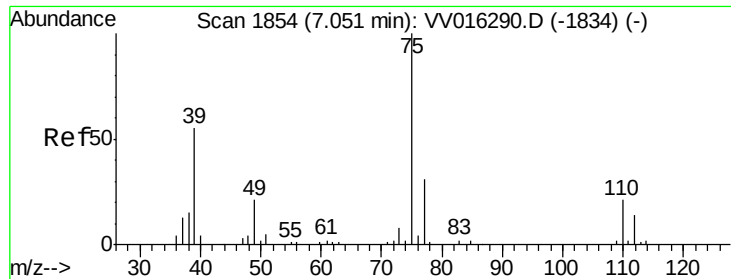
#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

Tgt Ion: 63 Resp: 3953
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

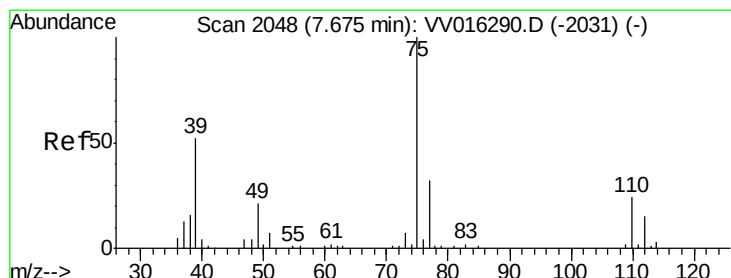
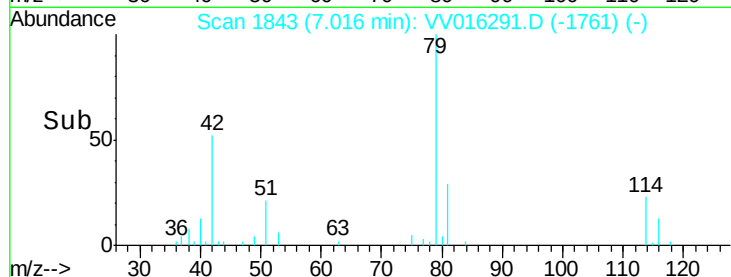
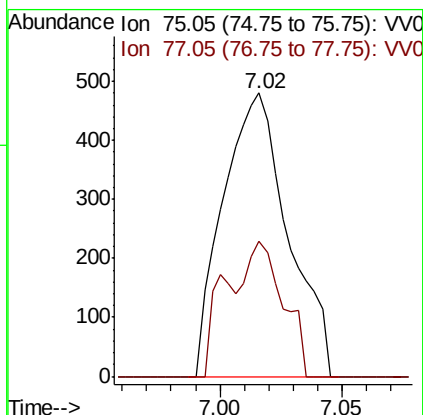
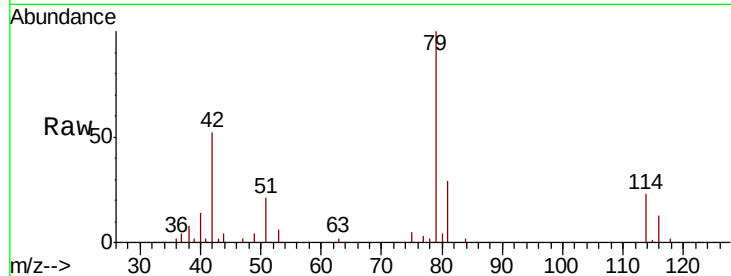




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: VV016291.D
 Acq: 28 May 2020 21:52

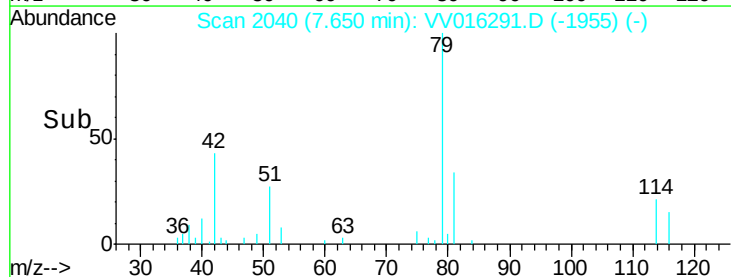
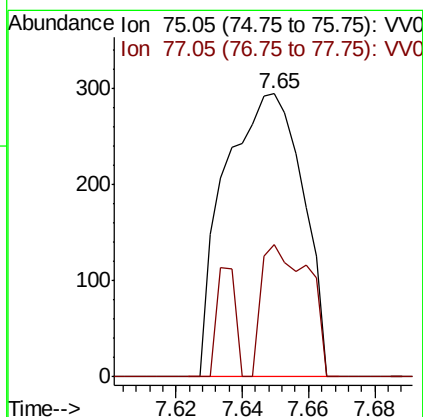
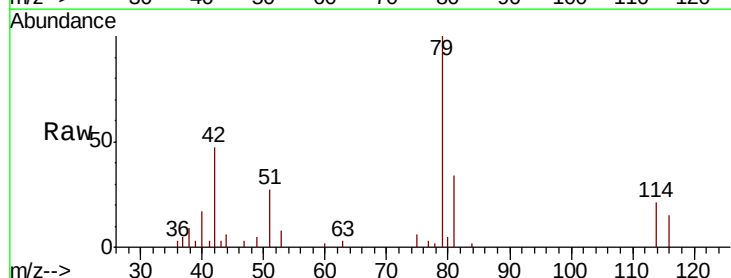
Instrument :
 MSVOA_V
 ClientSampled :

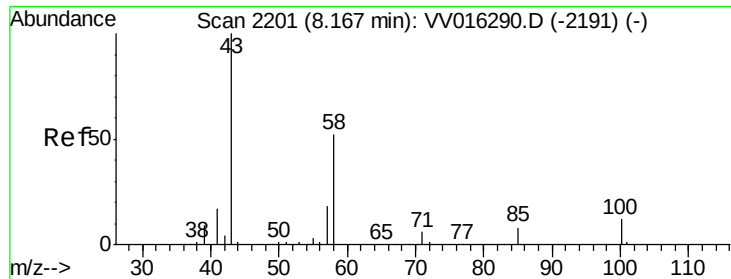
Tot Ion: 75 Resp: 888
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.7 40.3#



#46
 trans-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: VV016291.D
 Acq: 28 May 2020 21:52

Tgt Ion: 75 Resp: 480
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.7 40.3#

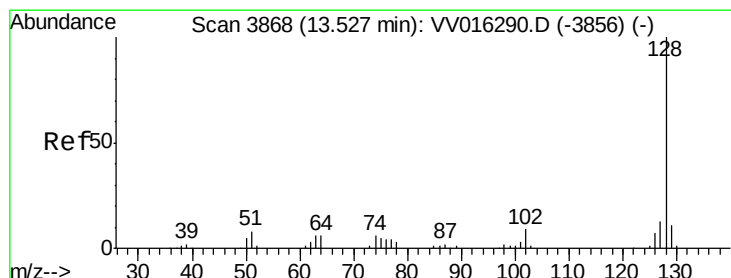
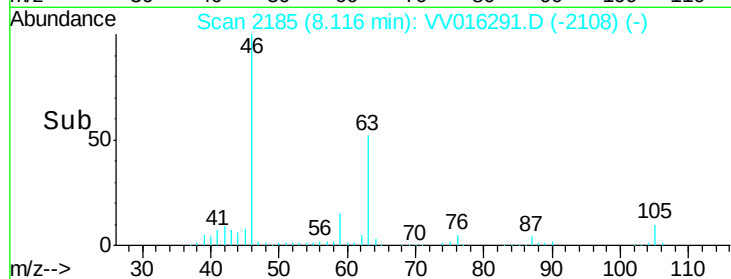
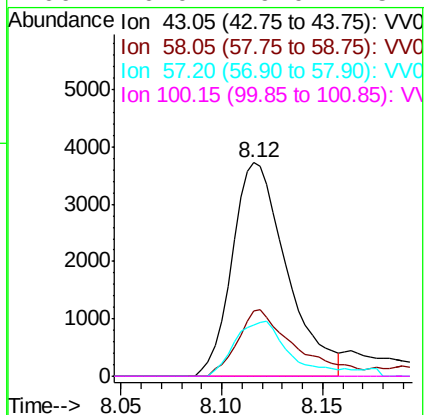
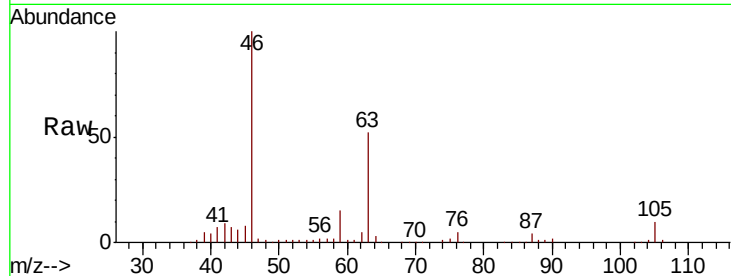




#50
2-Hexanone
Concen: 3.089 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7056
Ion Ratio Lower Upper
43 100
58 32.7 41.4 62.0#
57 26.1 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.155 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016291.D
Acq: 28 May 2020 21:52

Tgt Ion: 128 Resp: 2161
Ion Ratio Lower Upper
128 100
129 5.5 8.6 13.0#
127 10.5 10.6 15.8#

