

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015626.D
 Acq On : 22 Apr 2020 17:15
 Operator : SY/MD
 Sample : L2366-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133911	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32690	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	31417	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	50679	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.94	46	103030	45.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.70%
24) Chloroform-d	4.37	84	72279	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	42465	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.07	84	141944	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	44645	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	129941	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.64	79	13879	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.11	63	77521	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31490	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	49586	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

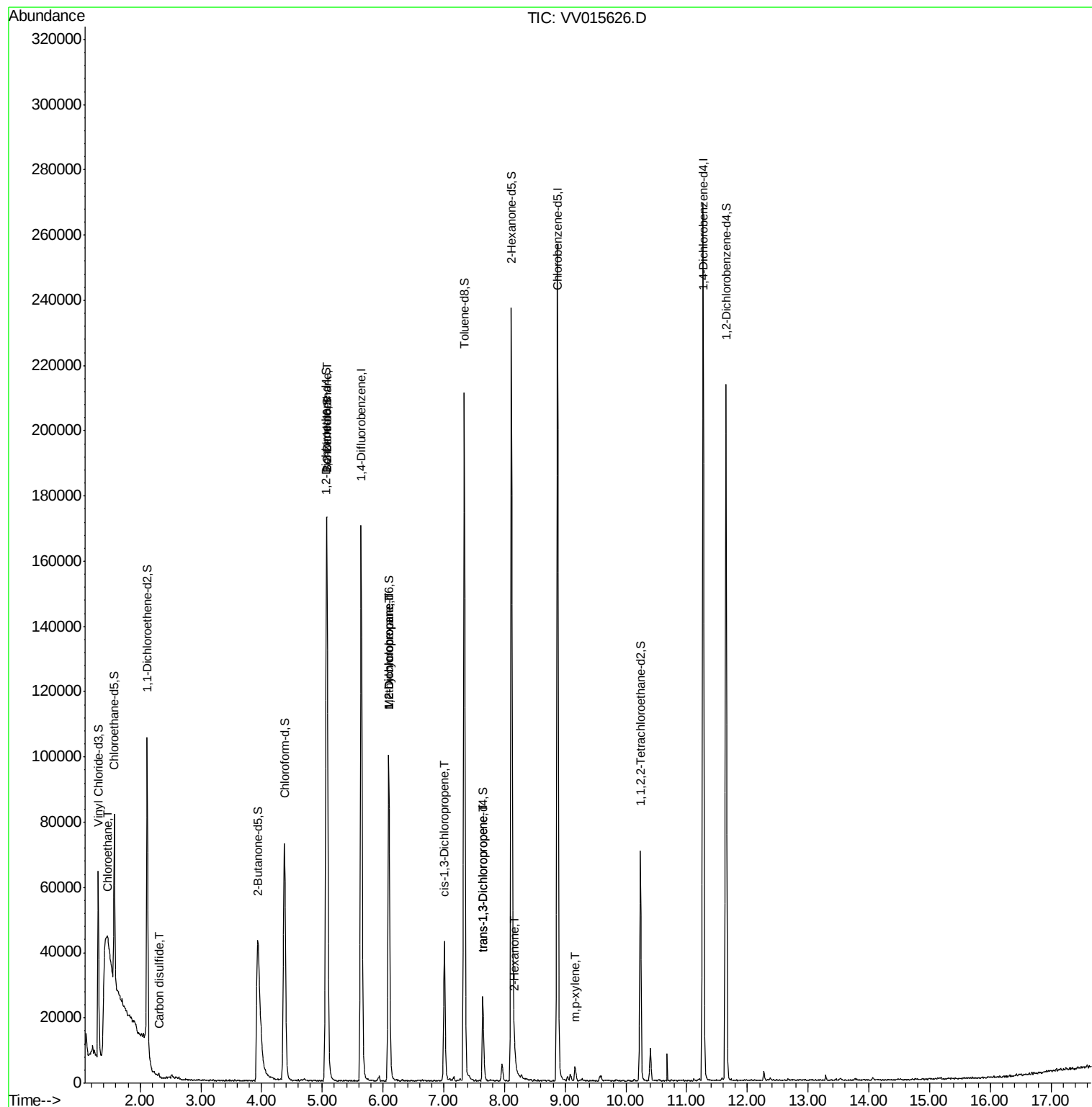
					Ovalue
8) Chloroethane	1.45	64	84081	12.080	ug/L # 52
14) Carbon disulfide	2.31	76	1194	0.054	ug/L # 75
27) 1,2-Dichloroethane	5.08	62	568	0.048	ug/L # 78
35) Methylcyclohexane	6.10	83	11131	0.719	ug/L # 15
37) 1,2-Dichloropropane	6.10	63	5424	0.584	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1263	0.098	ug/L # 68
44) trans-1,3-Dichloropropene	7.65	75	771	0.071	ug/L # 73
48) 2-Hexanone	8.17	43	3841	0.893	ug/L # 60
53) m,p-xylene	9.17	106	1270	0.077	ug/L 86

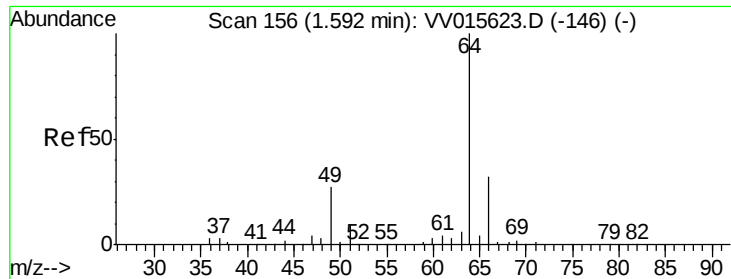
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 12.080 ug/L

RT: 1.45 min Scan# 113

Delta R.T. -0.14 min

Lab File: VV015626.D

Acq: 22 Apr 2020 17:15

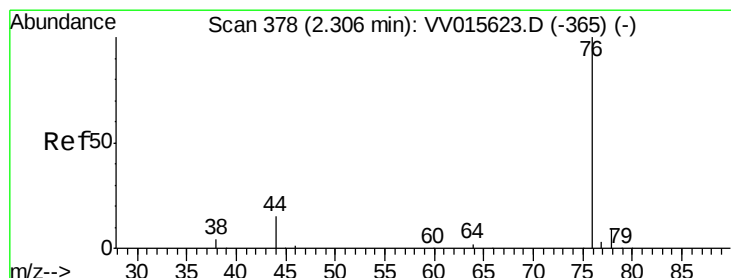
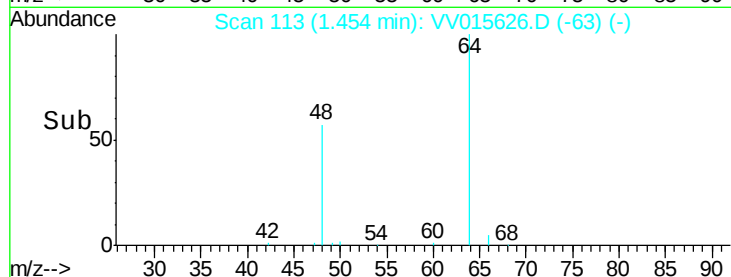
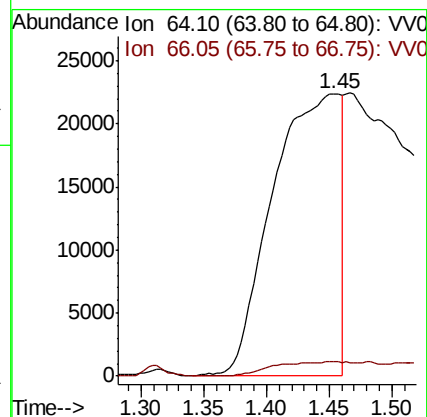
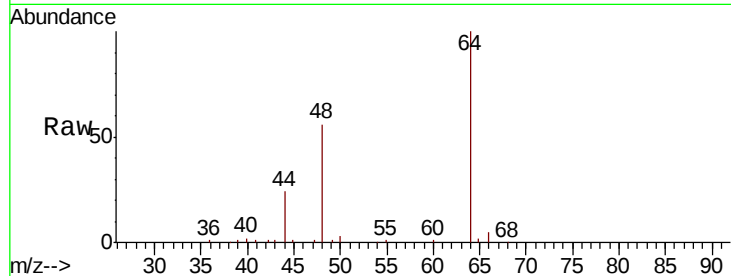
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 84081

Ion Ratio Lower Upper

64 100

66 5.2 22.3 41.5#



#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015626.D

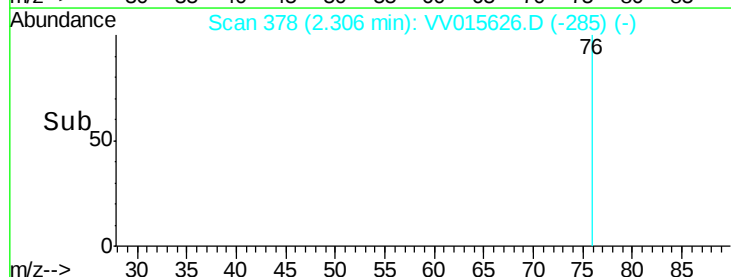
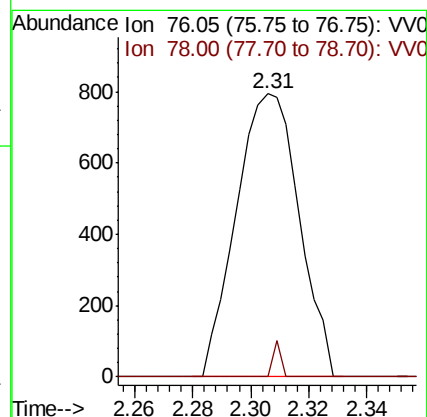
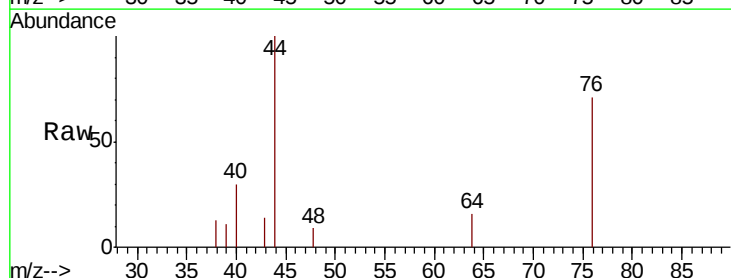
Acq: 22 Apr 2020 17:15

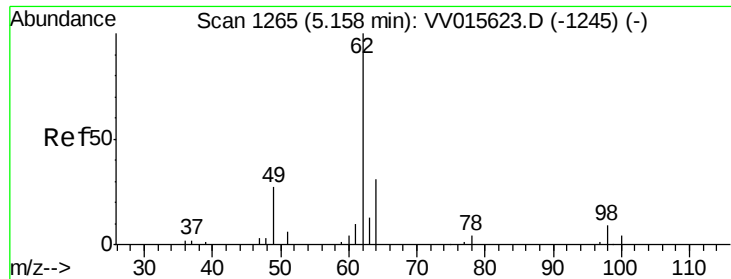
Tgt Ion: 76 Resp: 1194

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

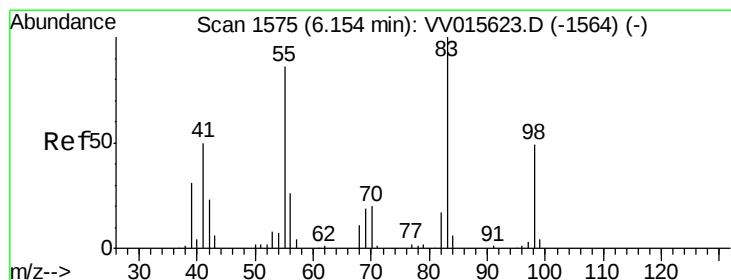
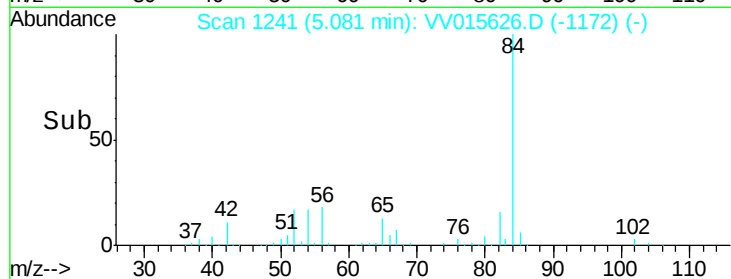
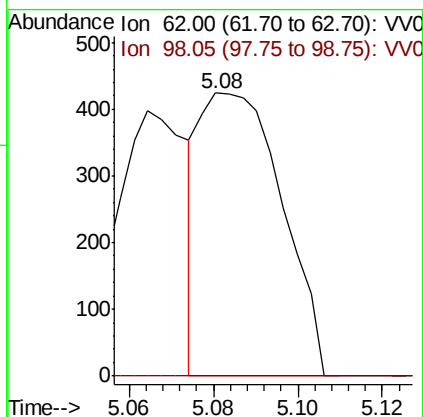
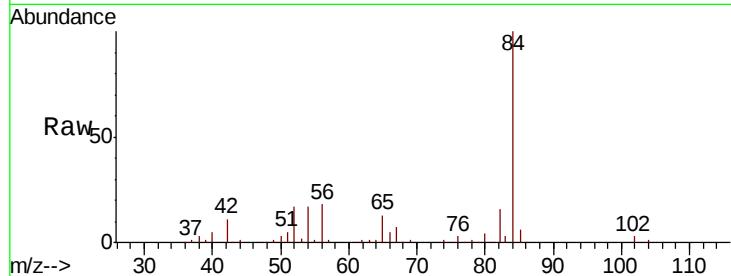




#27
 1,2-Dichloroethane
 Concen: 0.048 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV015626.D
 Acq: 22 Apr 2020 17:15

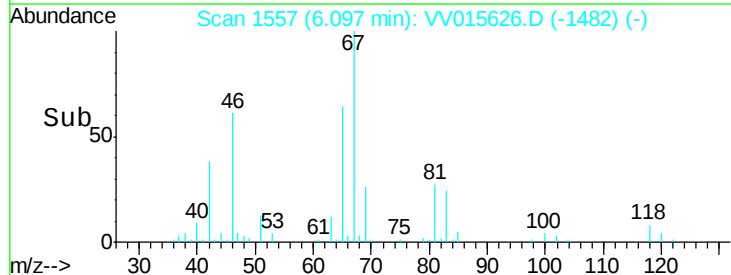
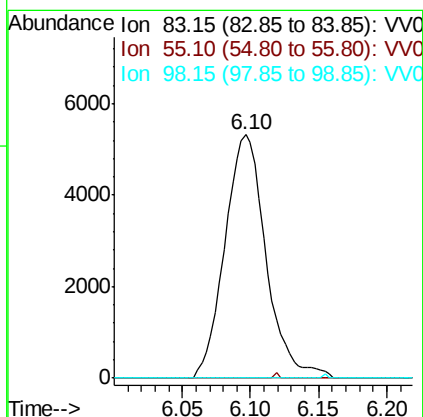
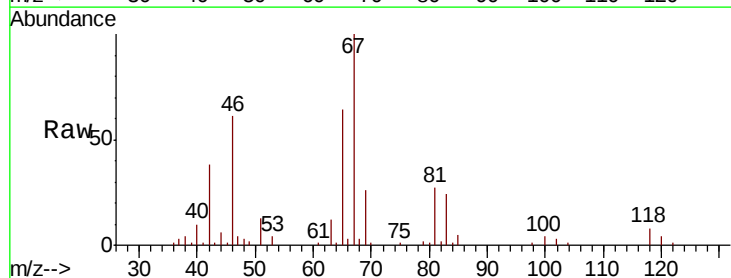
Instrument :
 MSVOA_V
 ClientSampleId :

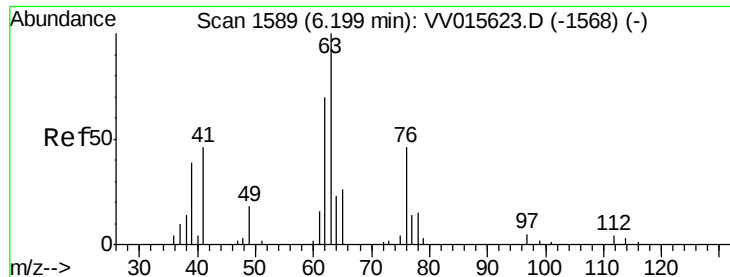
Tot Ion: 62 Resp: 568
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.719 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015626.D
 Acq: 22 Apr 2020 17:15

Tgt Ion: 83 Resp: 11131
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.6 99.8#
 98 0.2 39.5 59.3#

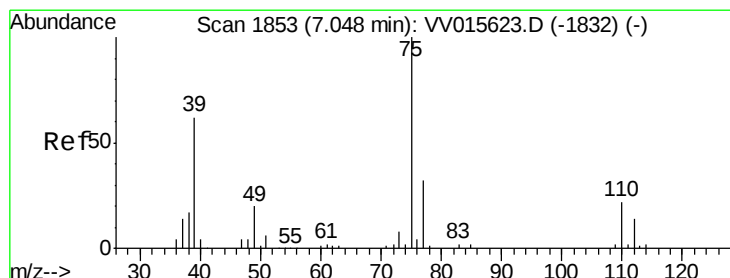
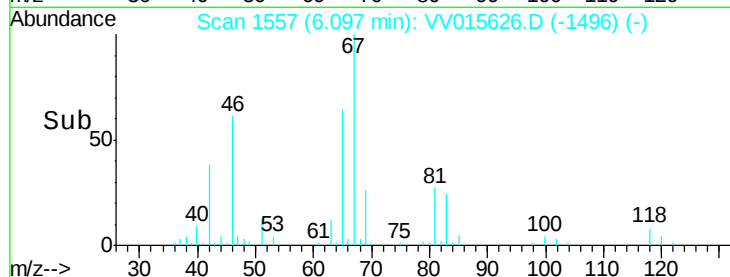
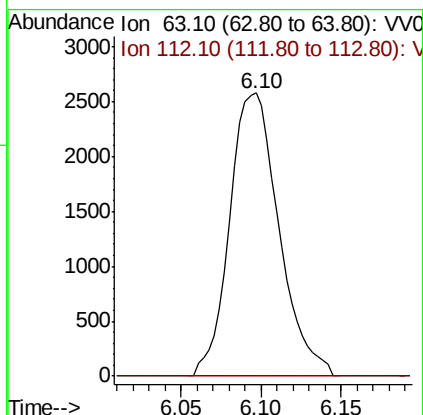
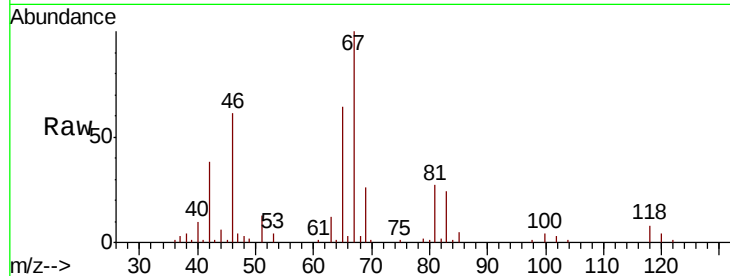




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015626.D
 Acq: 22 Apr 2020 17:15

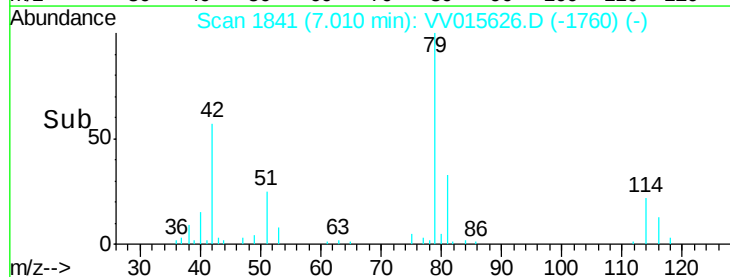
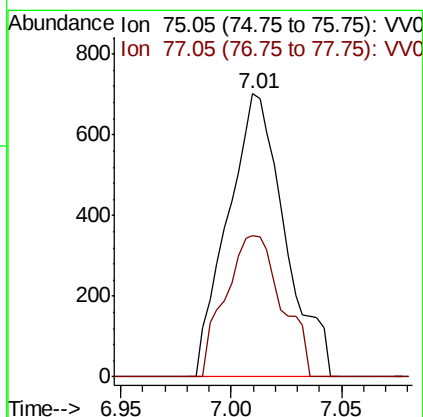
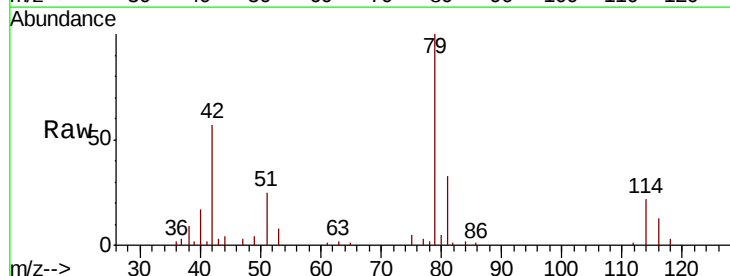
Instrument :
 MSVOA_V
 ClientSampleId :

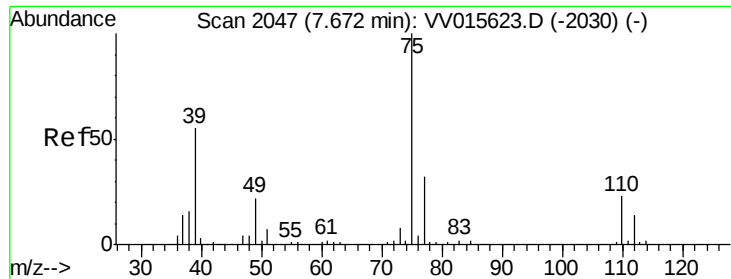
Tot Ion: 63 Resp: 5424
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015626.D
 Acq: 22 Apr 2020 17:15

Tgt Ion: 75 Resp: 1263
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.3 41.5#

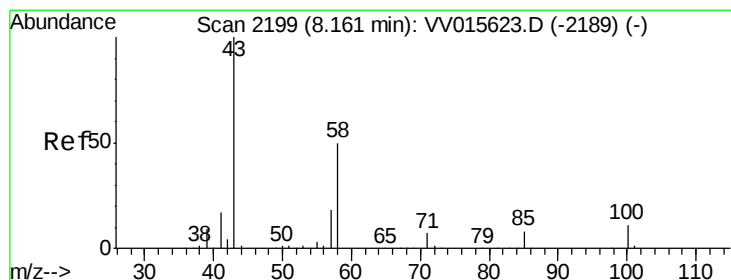
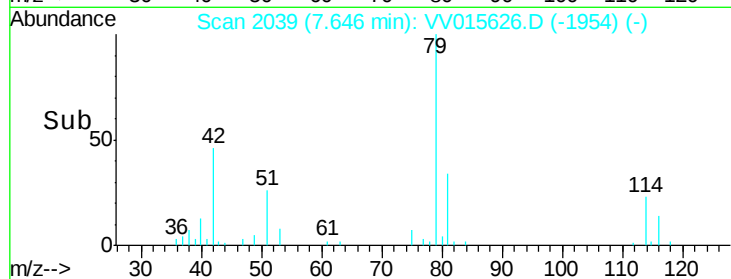
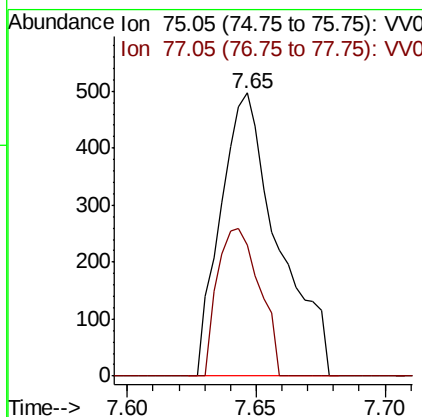
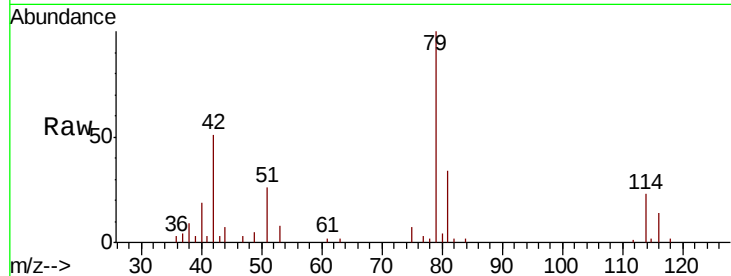




#44
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015626.D
Acq: 22 Apr 2020 17:15

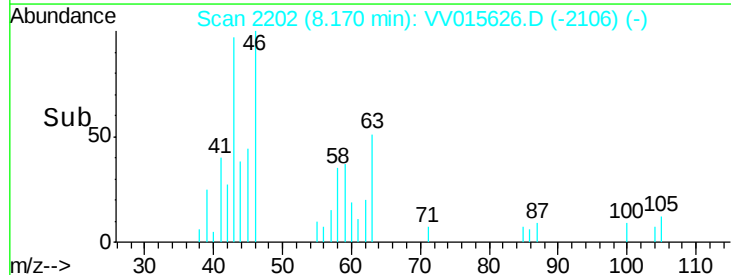
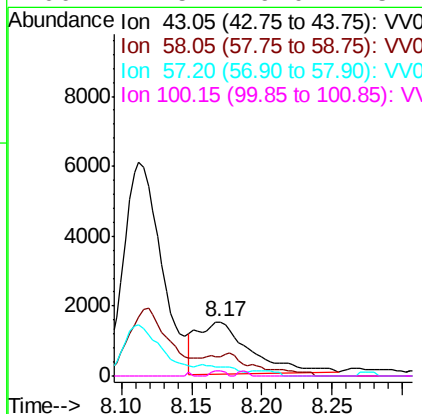
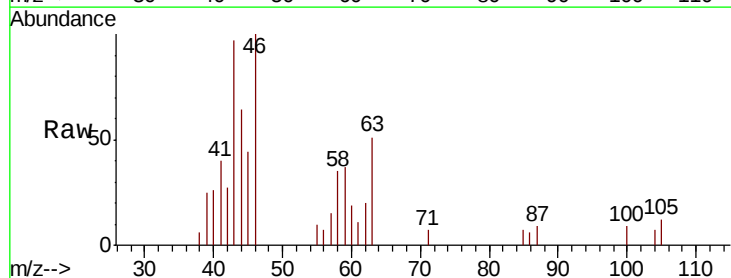
Instrument :
MSVOA_V
ClientSampleId :

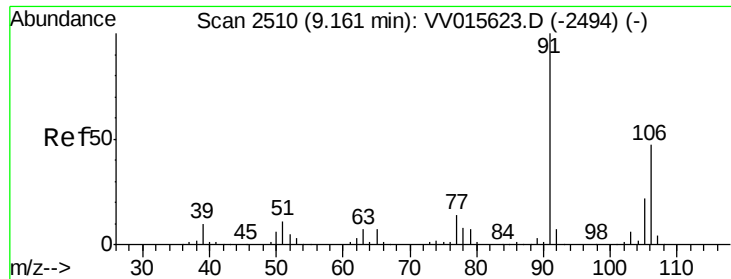
Tot Ion: 75 Resp: 771
Ion Ratio Lower Upper
75 100
77 46.3 21.8 40.6#



#48
2-Hexanone
Concen: 0.893 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015626.D
Acq: 22 Apr 2020 17:15

Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
58 21.1 41.1 61.7#
57 0.0 15.0 22.4#
100 2.5 9.0 13.4#





#53
 m,p-xylene
 Concen: 0.077 ug/L
 RT: 9.17 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: VV015626.D
 Acq: 22 Apr 2020 17:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 1270
 Ion Ratio Lower Upper
 106 100
 91 188.9 147.8 274.4

