

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008024.D
 Acq On : 02 Oct 2018 11:28
 Operator : SY/MD
 Sample : VV1002WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:35:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25777	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.59	69	22535	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.13	63	40625	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.98	46	72270	52.81	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.41	84	57214	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.09	65	30059	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	112773	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
36) 1,2-Dichloropropane-d6	6.12	67	35163	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.36	98	104789	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.67	79	12044	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.14	63	53167	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23596	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	42609	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

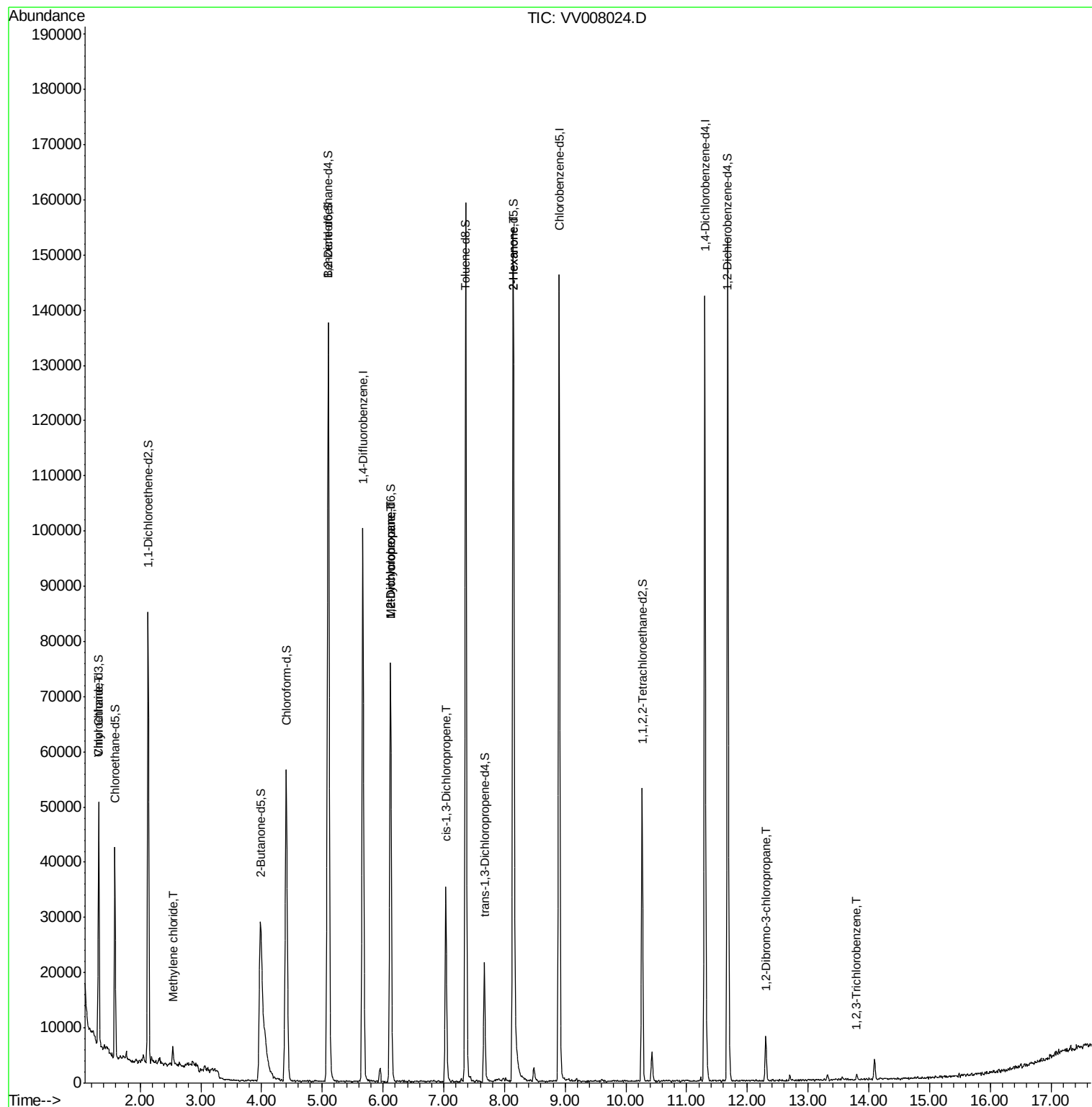
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	384	0.094	ug/L #	1
16) Methylene chloride	2.54	84	1178	0.189	ug/L	92
35) Methylcyclohexane	6.12	83	8617	0.865	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	4022	0.678	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	924	0.117	ug/L #	67
48) 2-Hexanone	8.14	43	7300	2.821	ug/L #	72
66) 1,2-Dibromo-3-chloropropan	12.31	75	144	0.231	ug/L #	1
70) 1,2,3-Trichlorobenzene	13.80	180	515	0.061	ug/L #	71

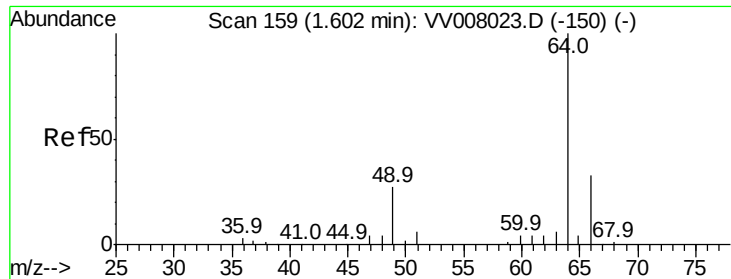
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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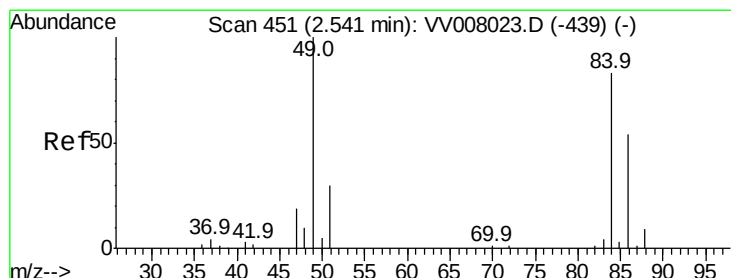
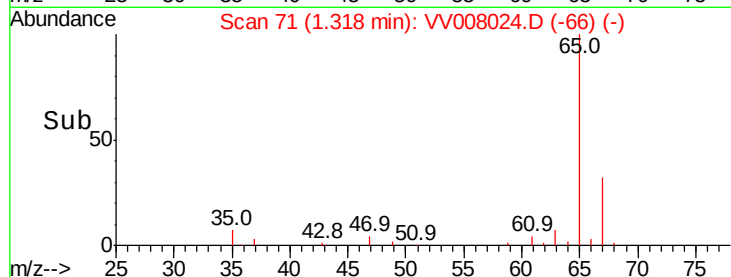
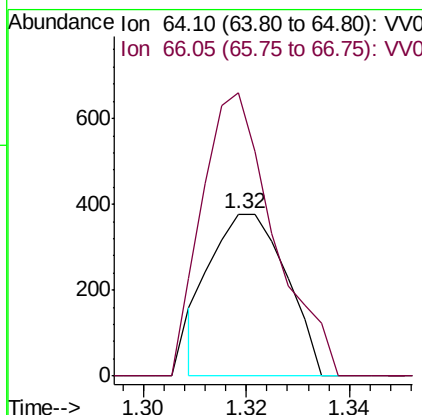
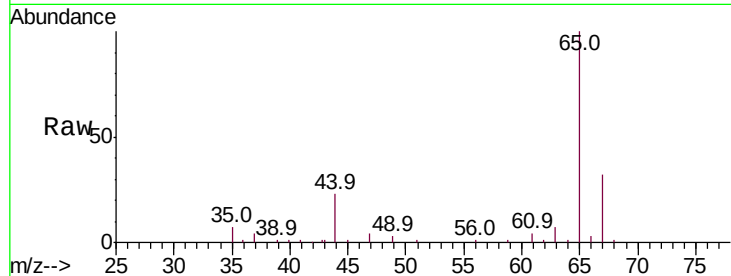




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV008024.D
Acq: 02 Oct 2018 11:28

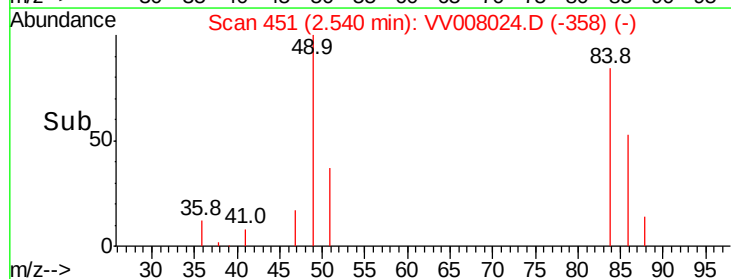
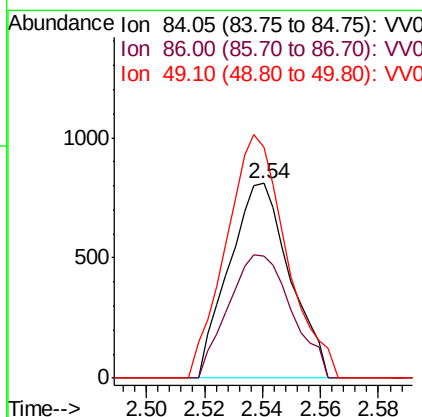
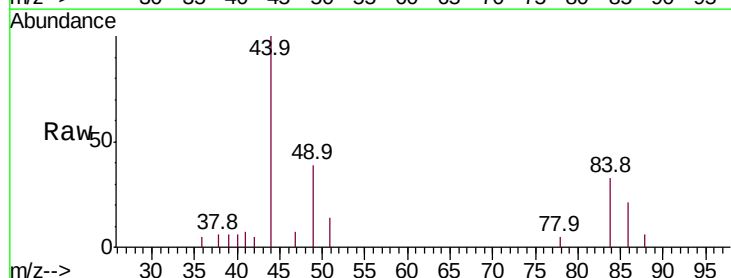
Instrument :
MSVOA_V
ClientSampleId :

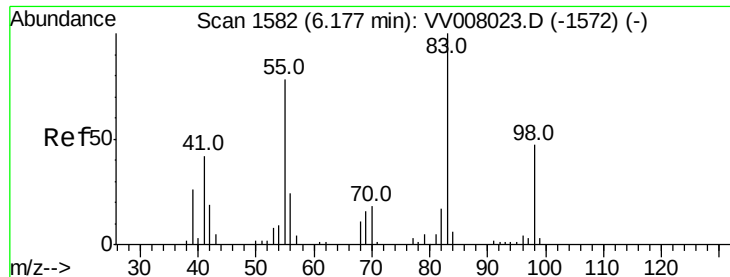
Tot Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 174.3 23.1 42.9#



#16
Methylene chloride
Concen: 0.189 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008024.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 84 Resp: 1178
Ion Ratio Lower Upper
84 100
86 62.4 47.3 87.8
49 118.6 90.0 167.2

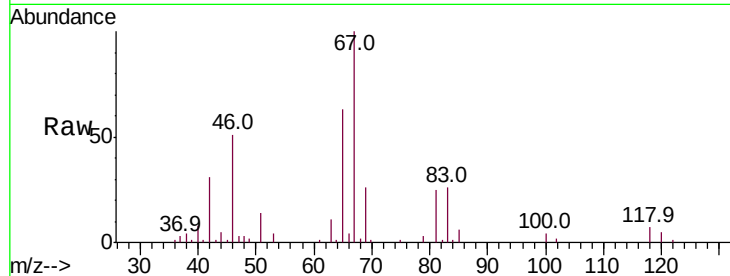




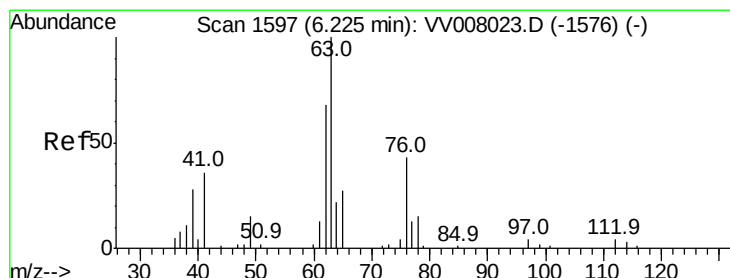
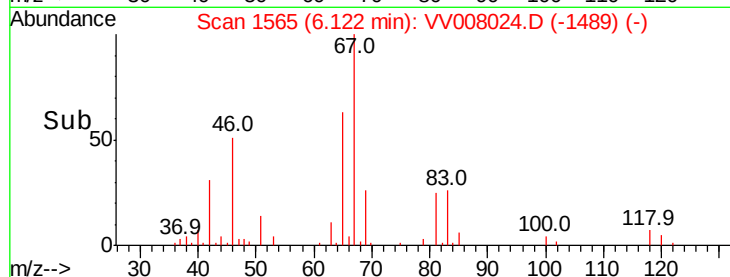
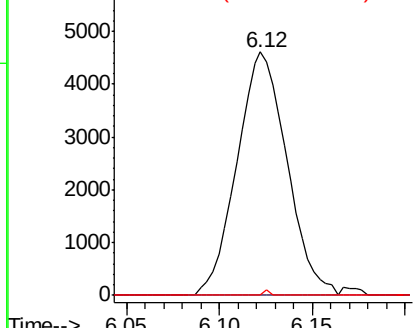
#35
Methylvlcyclohexane
Concen: 0.865 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008024.D
Acq: 02 Oct 2018 11:28

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8617
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.2 38.0 57.0#

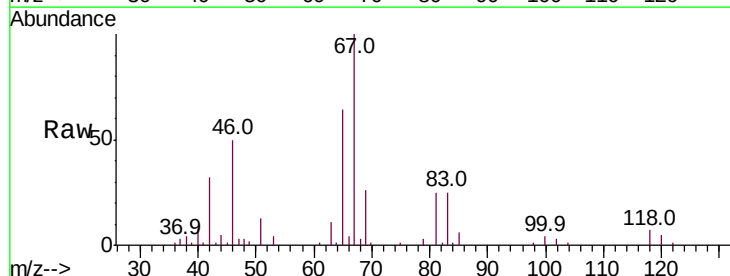


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

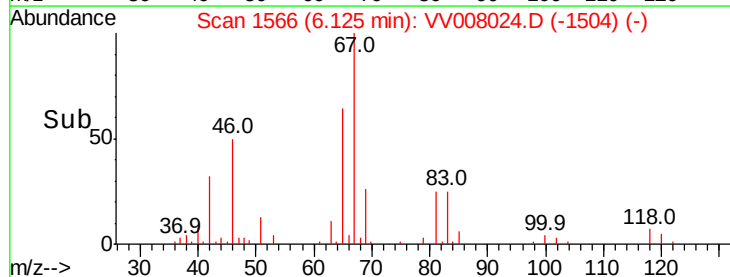
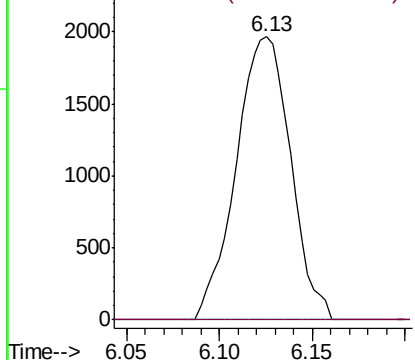


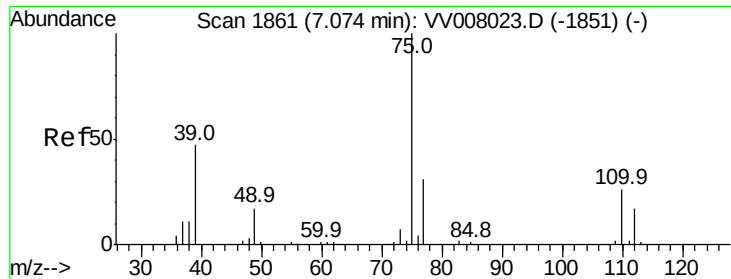
#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008024.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 63 Resp: 4022
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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

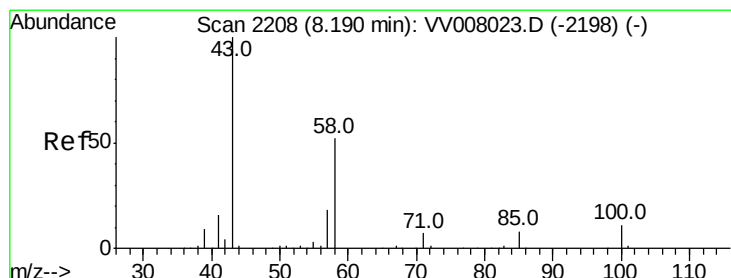
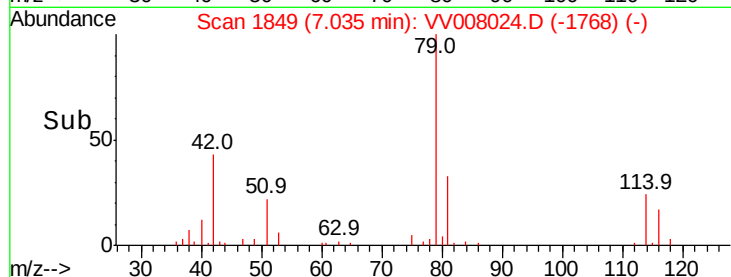
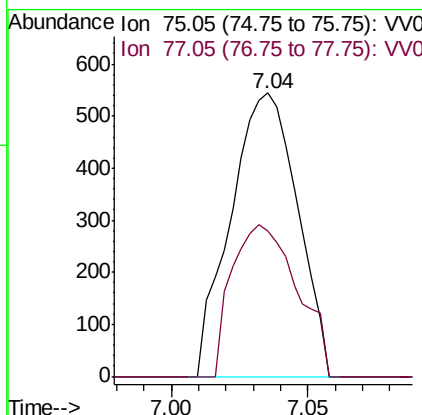
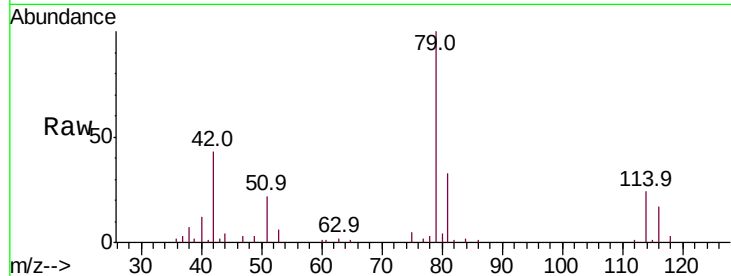




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008024.D
 Acq: 02 Oct 2018 11:28

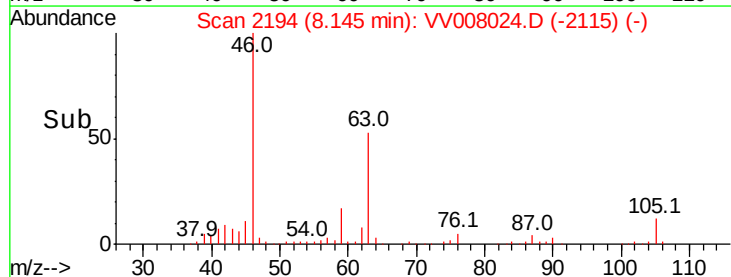
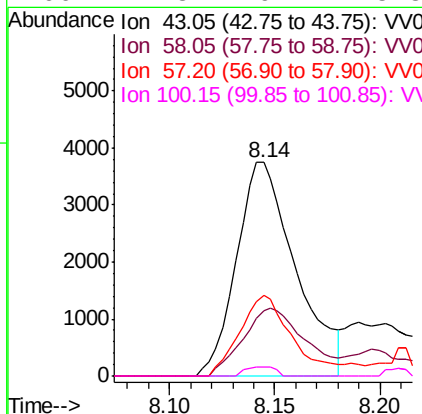
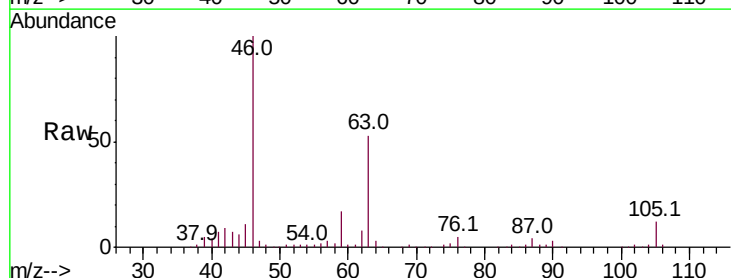
Instrument :
 MSVOA_V
 ClientSampleId :

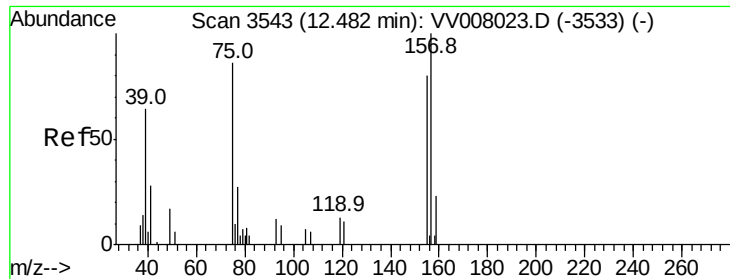
Tot Ion: 75 Resp: 924
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.9 42.5#



#48
 2-Hexanone
 Concen: 2.821 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV008024.D
 Acq: 02 Oct 2018 11:28

Tgt Ion: 43 Resp: 7300
 Ion Ratio Lower Upper
 43 100
 58 33.4 41.9 62.9#
 57 33.2 14.3 21.5#
 100 2.3 9.2 13.8#

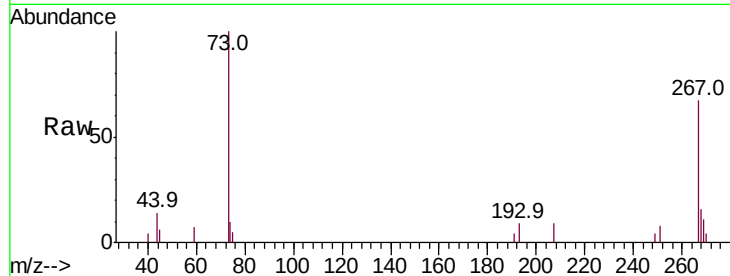




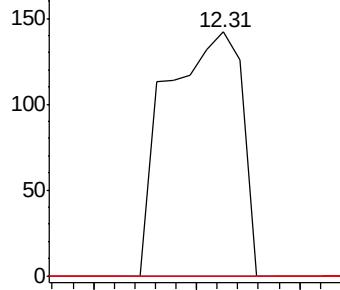
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.231 ug/L
 RT: 12.31 min Scan# 3488
 Delta R.T. -0.18 min
 Lab File: VV008024.D
 Acq: 02 Oct 2018 11:28

Instrument :
 MSVOA_V
 ClientSampleId :

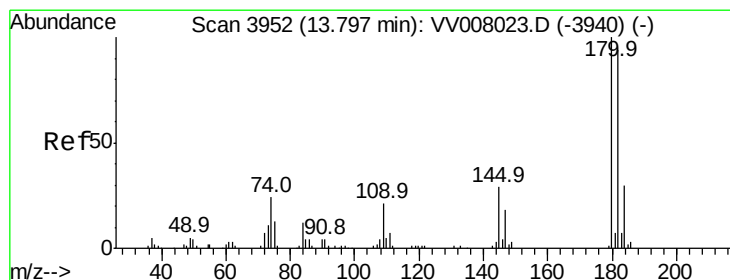
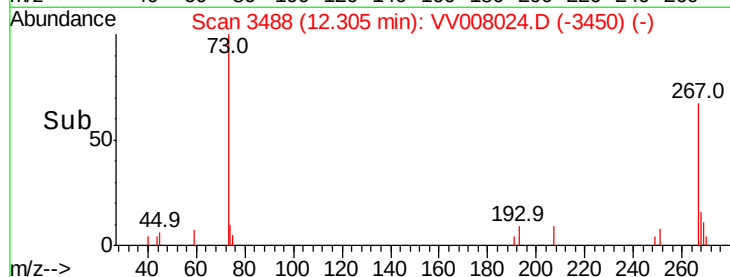
Tot Ion: 75 Resp: 144
 Ion Ratio Lower Upper
 75 100
 155 0.0 83.4 125.2#
 157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV008024.D (-3488) (-)
 Ion 154.95 (154.65 to 155.65): VV008024.D (-3488) (-)
 Ion 156.90 (156.60 to 157.60): VV008024.D (-3488) (-)

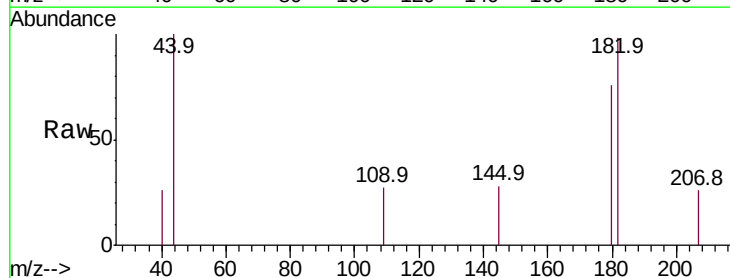


Time-->

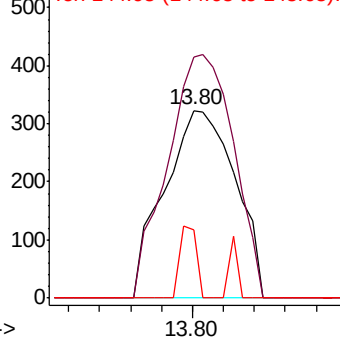


#70
 1,2,3-Trichlorobenzene
 Concen: 0.061 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV008024.D
 Acq: 02 Oct 2018 11:28

Tgt Ion: 180 Resp: 515
 Ion Ratio Lower Upper
 180 100
 182 120.8 75.7 113.5#
 145 9.1 23.4 35.0#



Abundance Ion 179.90 (179.60 to 180.60): VV008024.D (-3953) (-)
 Ion 181.90 (181.60 to 182.60): VV008024.D (-3953) (-)
 Ion 144.95 (144.65 to 145.65): VV008024.D (-3953) (-)



Time-->

