

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016023.D
 Acq On : 12 May 2020 18:58
 Operator : SY/MD
 Sample : L2542-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:59:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134699	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133228	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28456	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	29104	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.12	63	47048	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.94	46	111225	53.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.72%
24) Chloroform-d	4.38	84	76630	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	45930	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	144868	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.10	67	47386	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	129849	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	14184	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
48) 2-Hexanone-d5	8.12	63	75219	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34312	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	51034	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

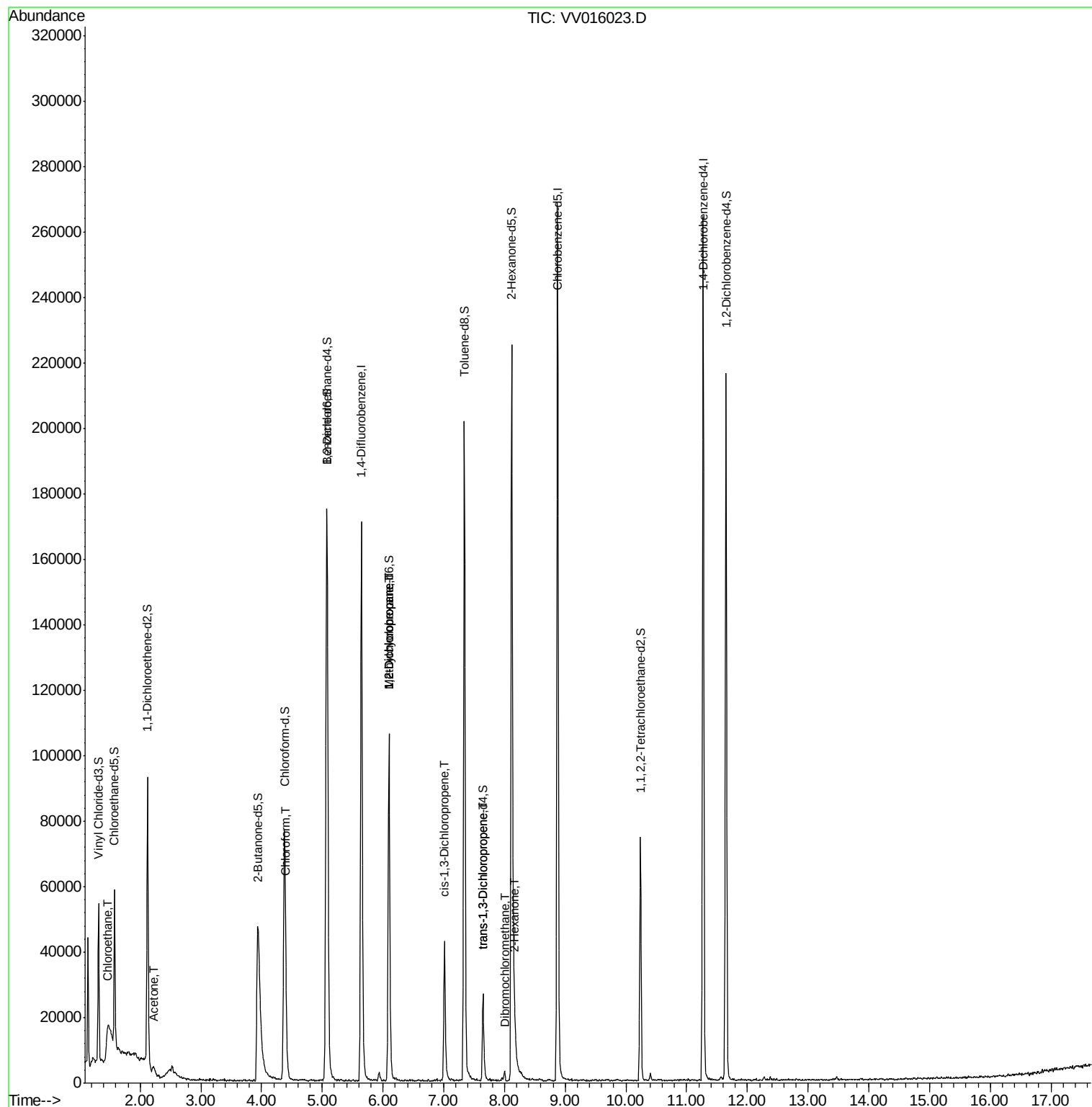
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.47	64	25919	3.640	ug/L #	48
13) Acetone	2.22	43	5328	3.875	ug/L	85
25) Chloroform	4.41	83	4756	0.274	ug/L	99
35) Methylcyclohexane	6.10	83	11598	0.801	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5828	0.684	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1215	0.101	ug/L #	44
46) trans-1,3-Dichloropropene	7.64	75	777	0.076	ug/L #	82
50) 2-Hexanone	8.17	43	7474	1.991	ug/L #	91
51) Dibromochloromethane	8.00	129	642	0.100	ug/L #	9

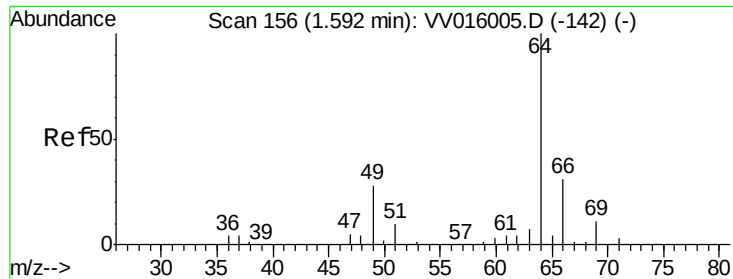
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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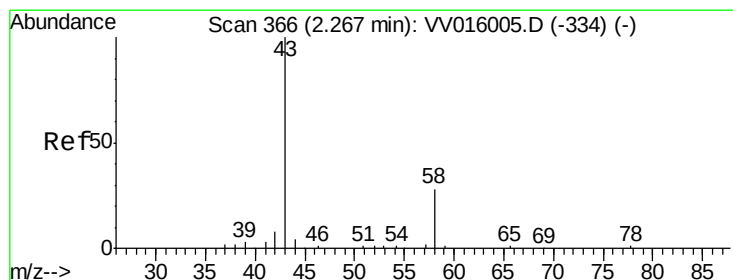
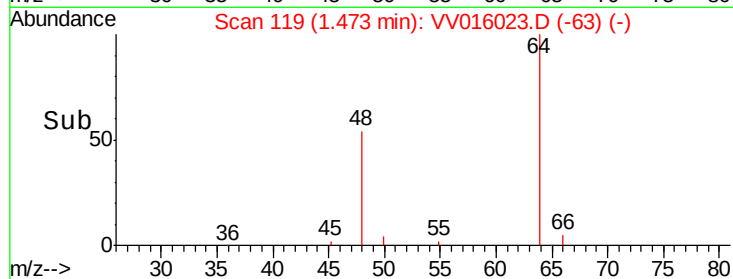
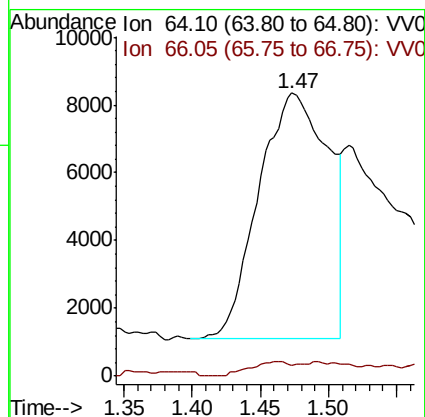
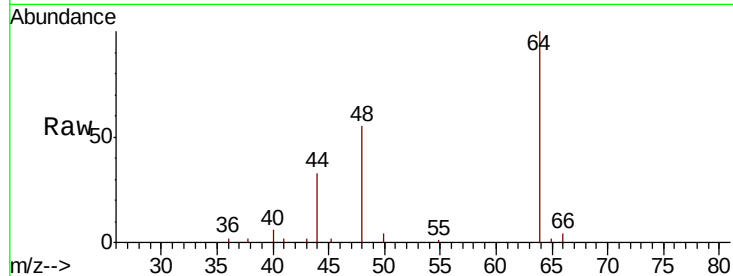




#8
 Chloroethane
 Concen: 3.640 ug/L
 RT: 1.47 min Scan# 119
 Delta R.T. -0.12 min
 Lab File: VV016023.D
 Acq: 12 May 2020 18:58

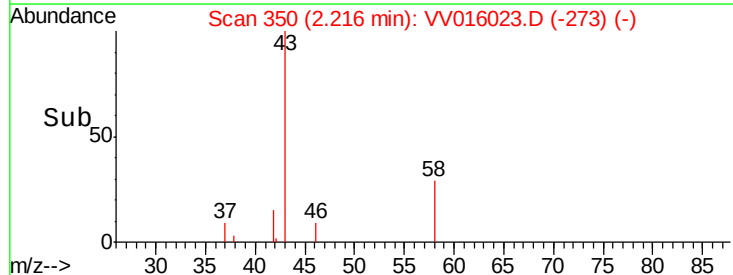
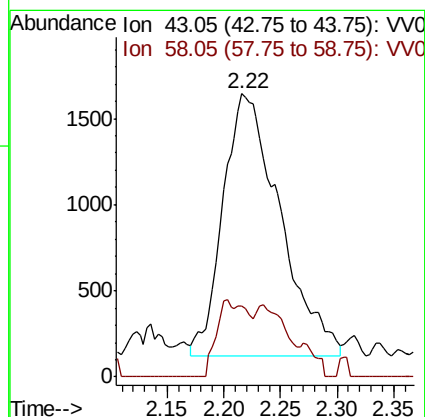
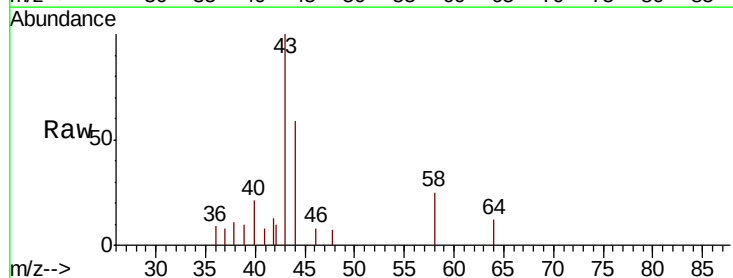
Instrument :
 MSVOA_V
 ClientSampleId :

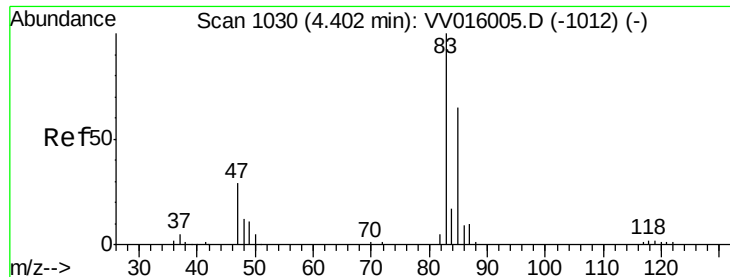
Tot Ion: 64 Resp: 25919
 Ion Ratio Lower Upper
 64 100
 66 4.0 23.6 43.8#



#13
 Acetone
 Concen: 3.875 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. -0.05 min
 Lab File: VV016023.D
 Acq: 12 May 2020 18:58

Tgt Ion: 43 Resp: 5328
 Ion Ratio Lower Upper
 43 100
 58 9.3 0.0 30.8

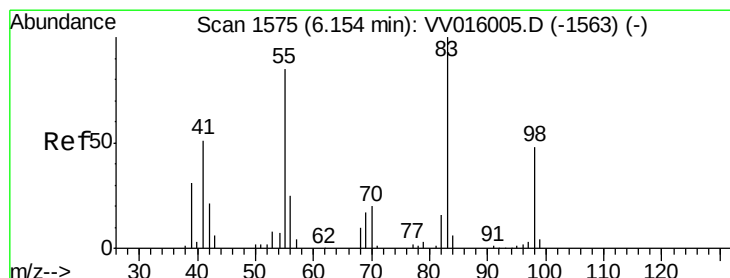
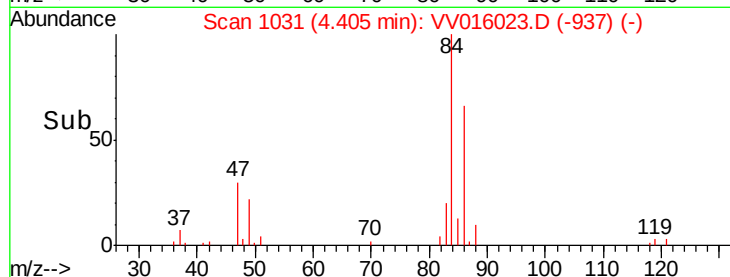
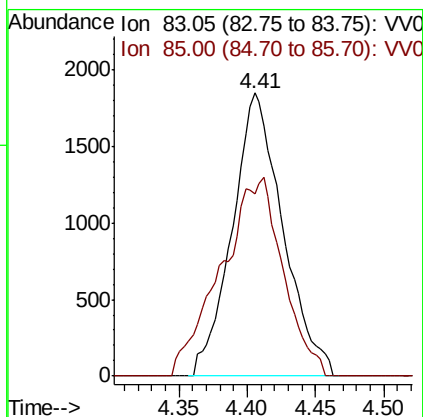
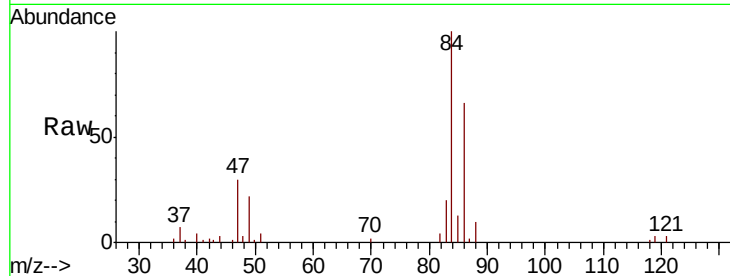




#25
Chloroform
Concen: 0.274 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016023.D
Acq: 12 May 2020 18:58

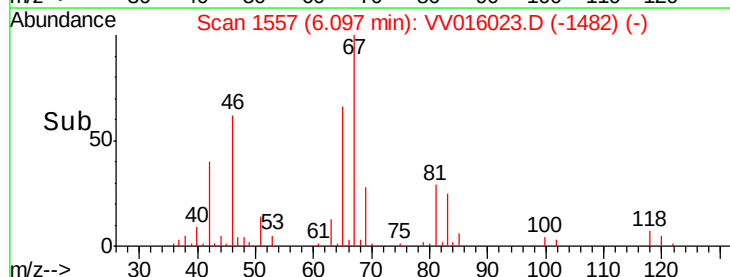
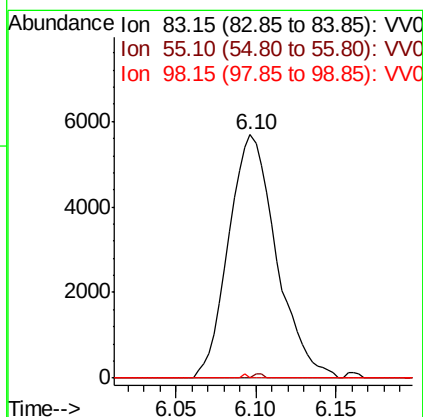
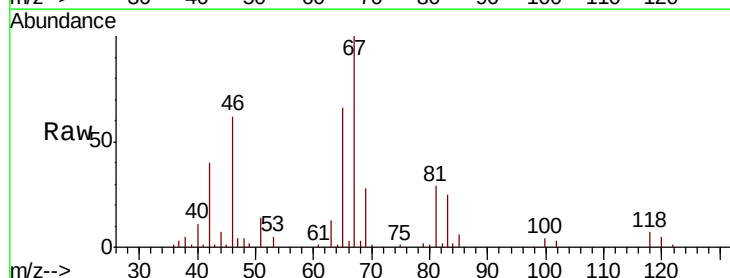
Instrument :
MSVOA_V
ClientSampleId :

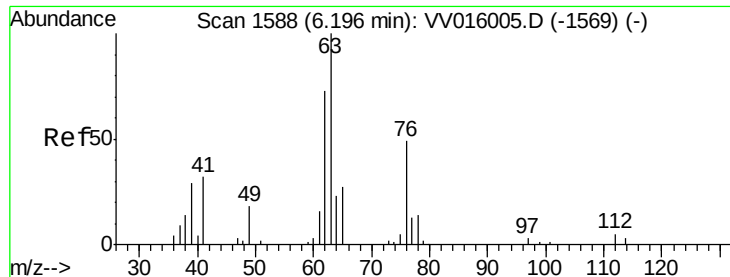
Tot Ion: 83 Resp: 4756
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9



#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016023.D
Acq: 12 May 2020 18:58

Tgt Ion: 83 Resp: 11598
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 0.2 37.9 56.9#

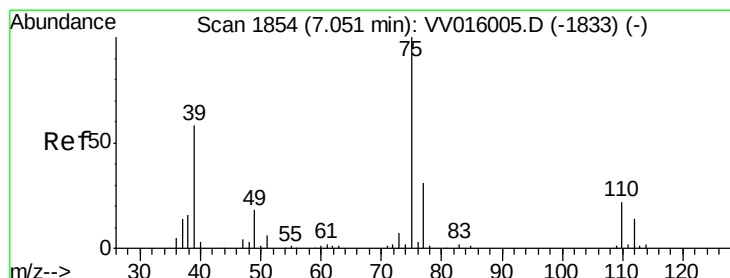
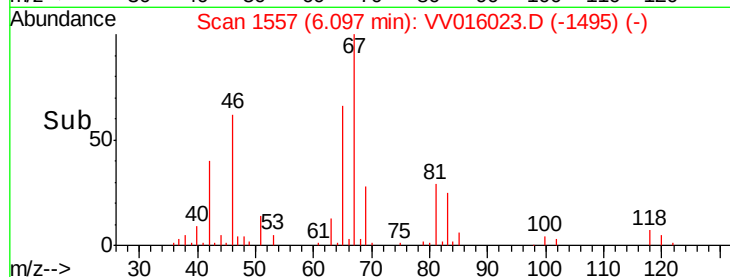
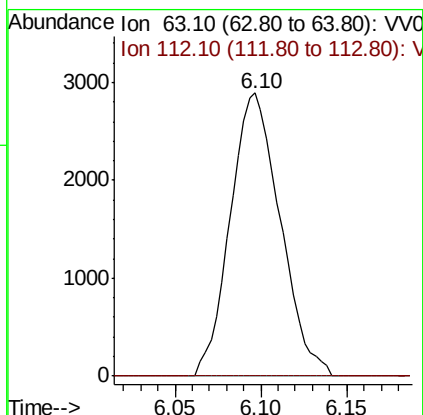
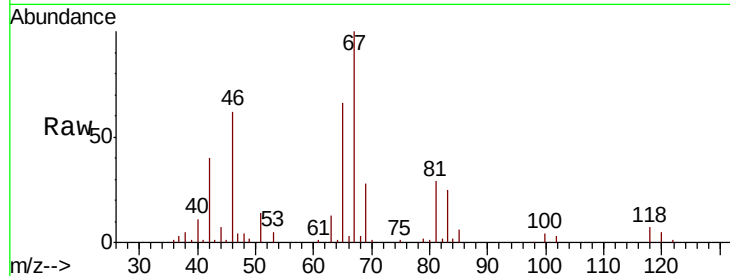




#37
 1,2-Dichloropropane
 Concen: 0.684 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016023.D
 Acq: 12 May 2020 18:58

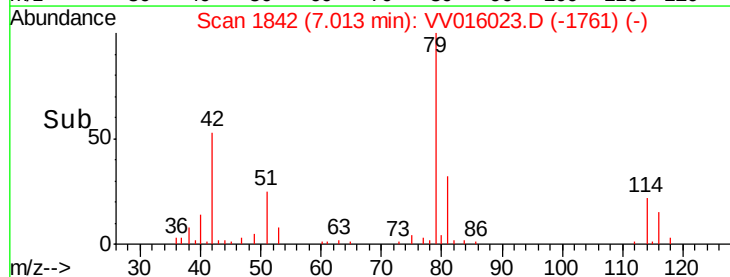
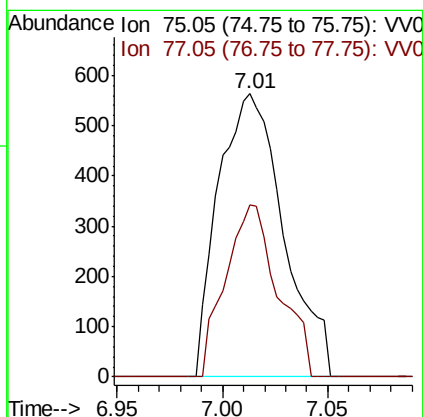
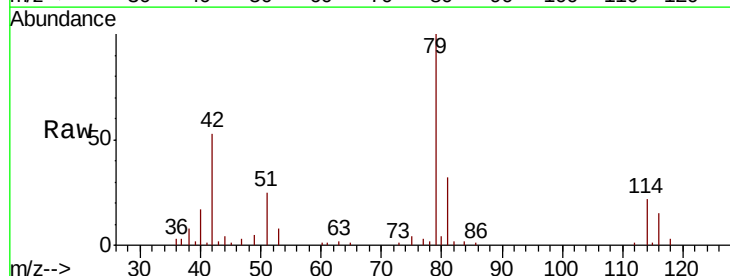
Instrument :
 MSVOA_V
 ClientSampleId :

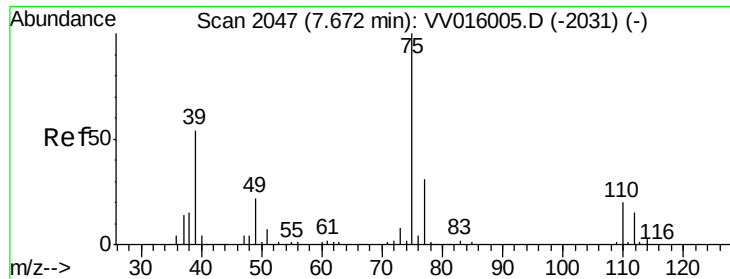
Tot Ion: 63 Resp: 5828
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016023.D
 Acq: 12 May 2020 18:58

Tgt Ion: 75 Resp: 1215
 Ion Ratio Lower Upper
 75 100
 77 60.7 21.3 39.5#

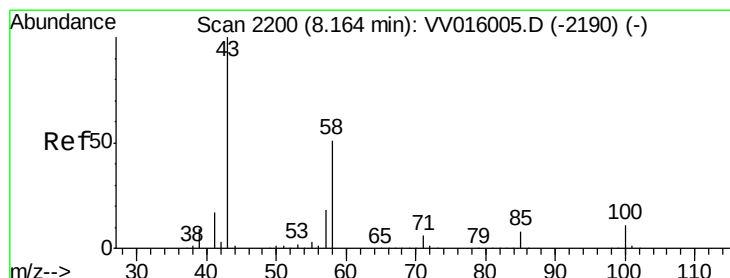
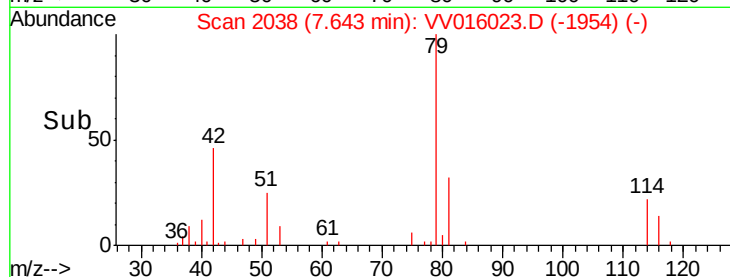
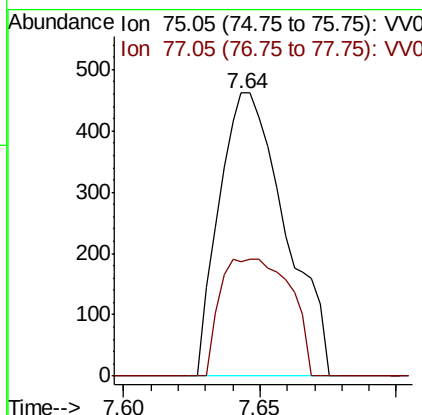
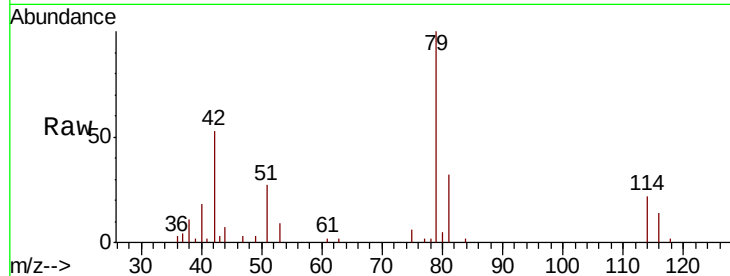




#46
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016023.D
Acq: 12 May 2020 18:58

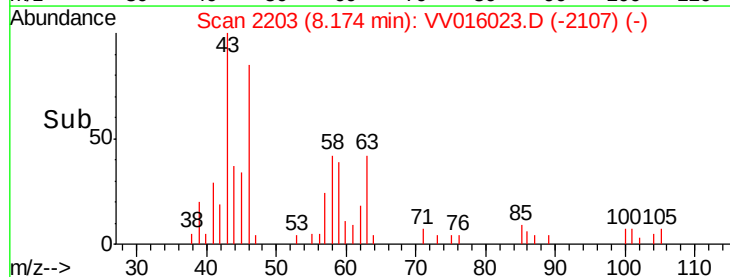
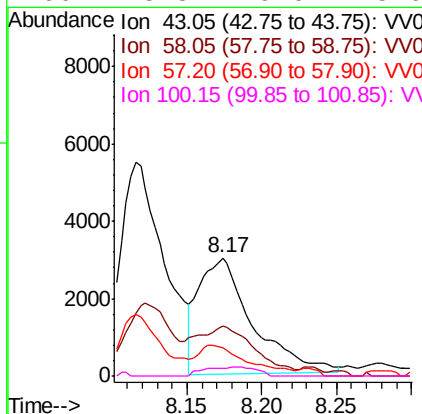
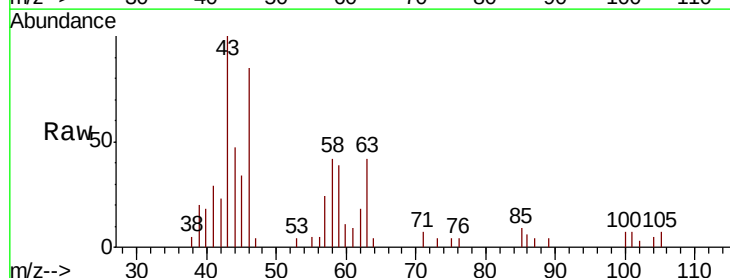
Instrument :
MSVOA_V
ClientSampled :

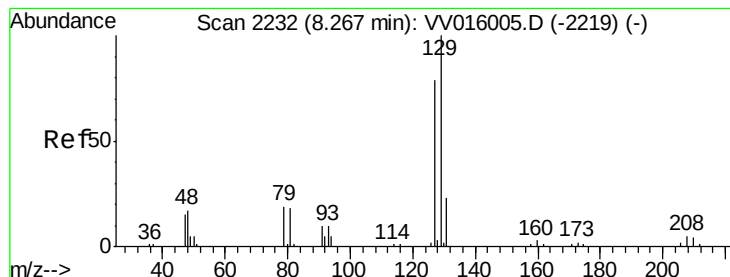
Tot Ion: 75 Resp: 777
Ion Ratio Lower Upper
75 100
77 40.3 21.3 39.6#



#50
2-Hexanone
Concen: 1.991 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV016023.D
Acq: 12 May 2020 18:58

Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
58 47.6 40.8 61.2
57 24.9 14.7 22.1#
100 3.8 9.0 13.6#





#51

Dibromochloromethane

Concen: 0.100 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV016023.D

Acq: 12 May 2020 18:58

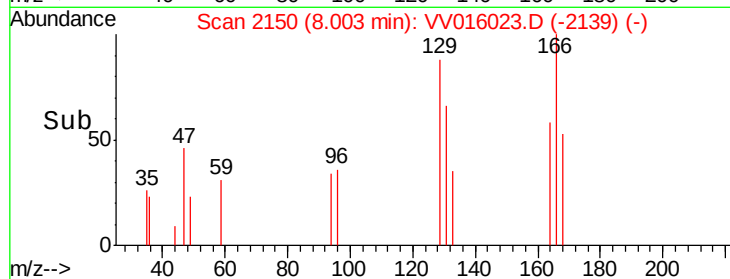
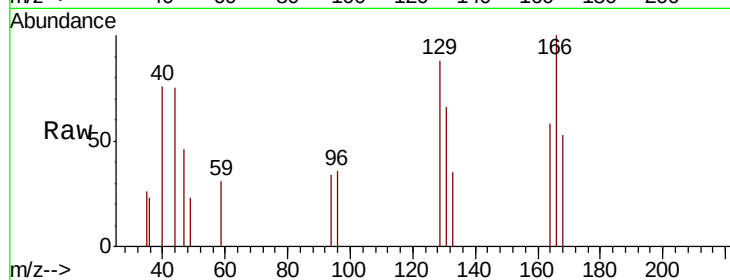
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 642

Ion Ratio Lower Upper

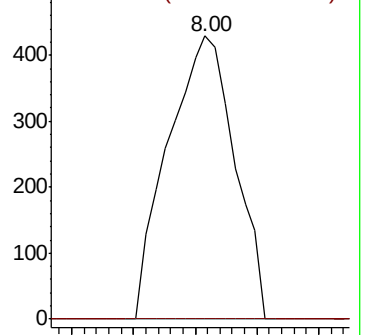
129 100

127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time--> 7.96 7.98 8.00 8.02 8.04