

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016021.D
 Acq On : 12 May 2020 18:11
 Operator : SY/MD
 Sample : L2542-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:59:12 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	5.65	114	134271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134726	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28253	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	29650	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	47775	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.94	46	113081	54.42	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	4.38	84	77350	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	43843	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	146024	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	47736	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	129602	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.65	79	14976	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.12	63	77876	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34491	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	50119	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

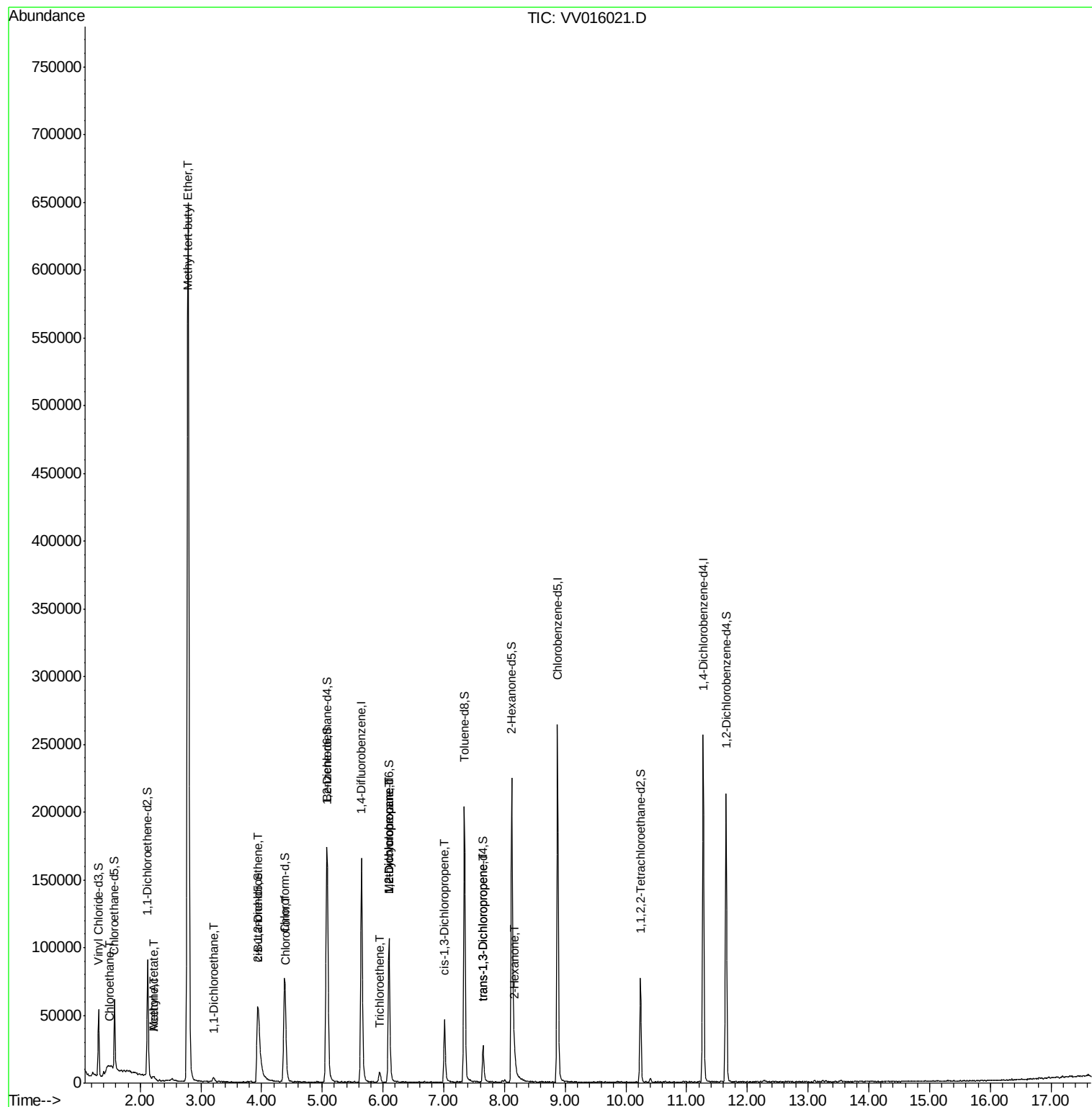
					Ovalue
8) Chloroethane	1.49	64	24050	3.389 ug/L #	48
13) Acetone	2.23	43	5932	4.328 ug/L	74
15) Methyl Acetate	2.23	43	5208	1.644 ug/L #	51
17) Methyl tert-butyl Ether	2.79	73	635445	33.095 ug/L	100
19) 1,1-Dichloroethane	3.22	63	946	0.060 ug/L #	79
22) cis-1,2-Dichloroethene	3.95	96	4620	0.540 ug/L	91
25) Chloroform	4.41	83	3486	0.201 ug/L #	72
34) Trichloroethene	5.95	95	2296	0.237 ug/L	89
35) Methylcyclohexane	6.10	83	12133	0.829 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5918	0.687 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1246	0.102 ug/L #	65
46) trans-1,3-Dichloropropene	7.65	75	804	0.078 ug/L #	74
50) 2-Hexanone	8.17	43	6945	1.830 ug/L #	82

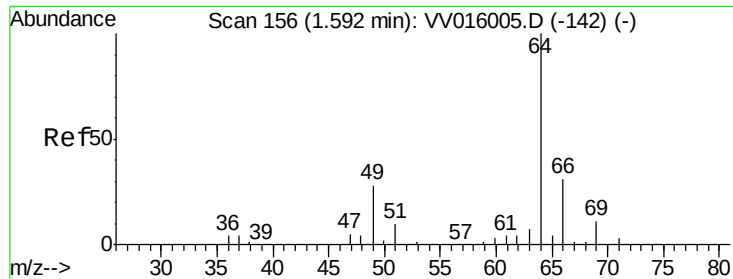
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 3.389 ug/L

RT: 1.49 min Scan# 125

Delta R.T. -0.10 min

Lab File: VV016021.D

Acq: 12 May 2020 18:11

Instrument :

MSVOA_V

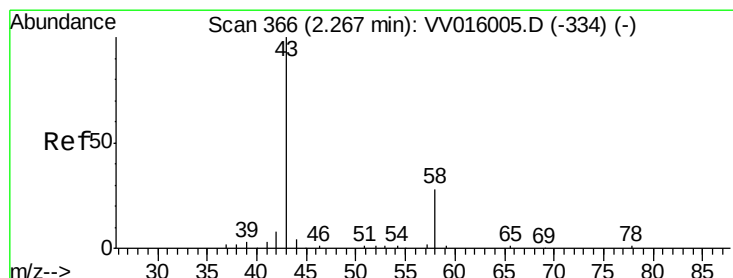
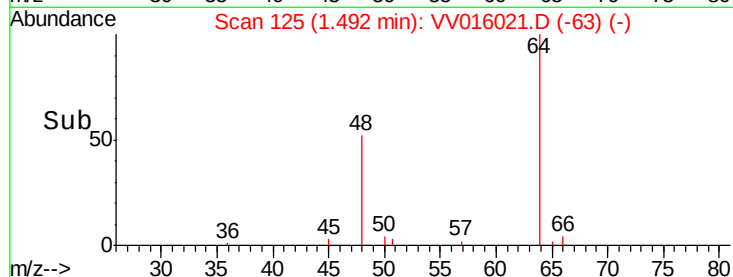
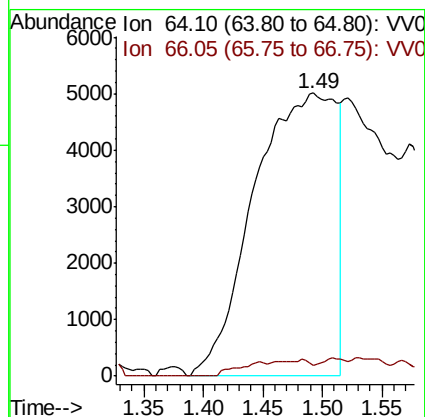
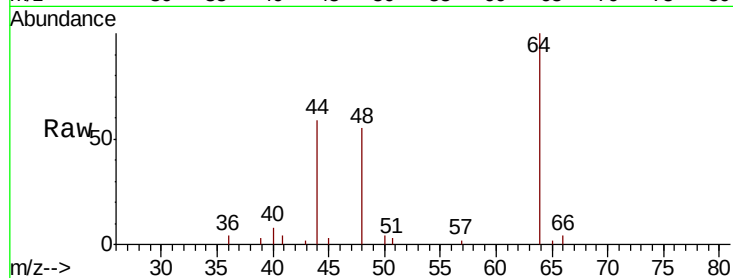
ClientSampled :

Tot Ion: 64 Resp: 24050

Ion Ratio Lower Upper

64 100

66 3.9 23.6 43.8#



#13

Acetone

Concen: 4.328 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.04 min

Lab File: VV016021.D

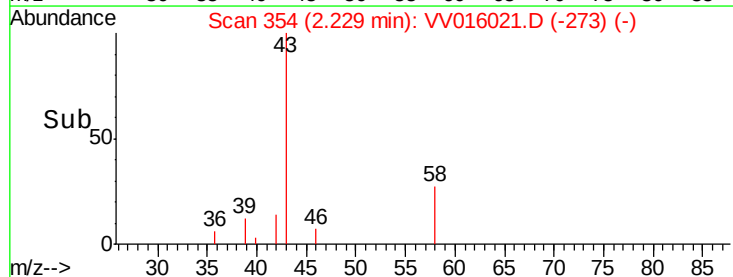
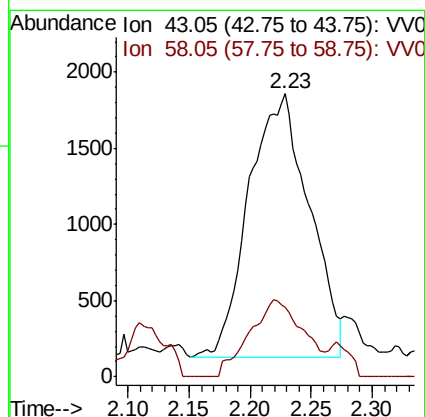
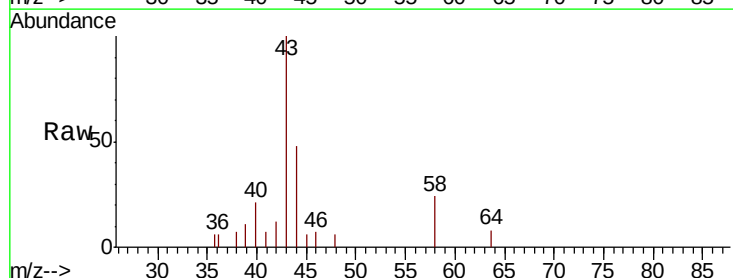
Acq: 12 May 2020 18:11

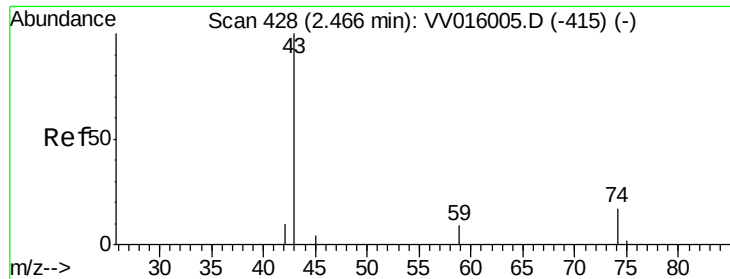
Tgt Ion: 43 Resp: 5932

Ion Ratio Lower Upper

43 100

58 26.2 0.0 30.8

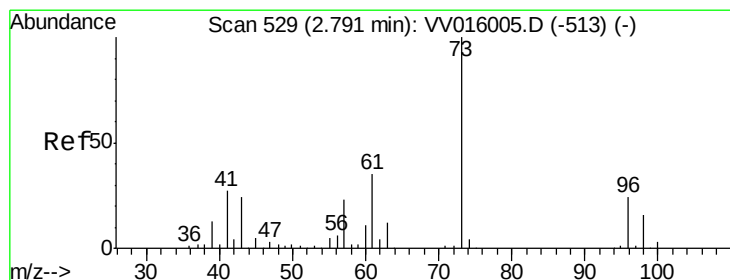
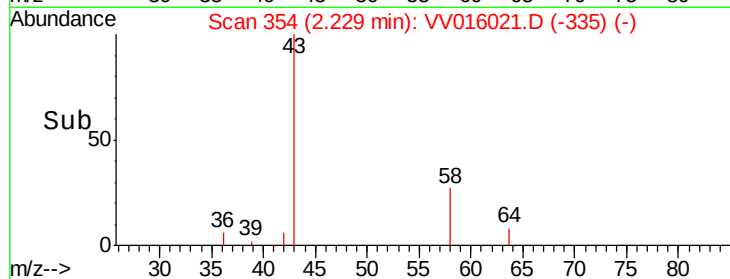
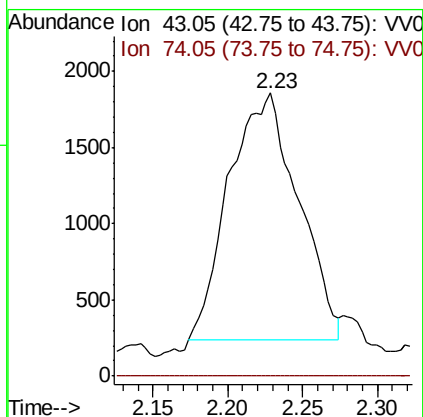
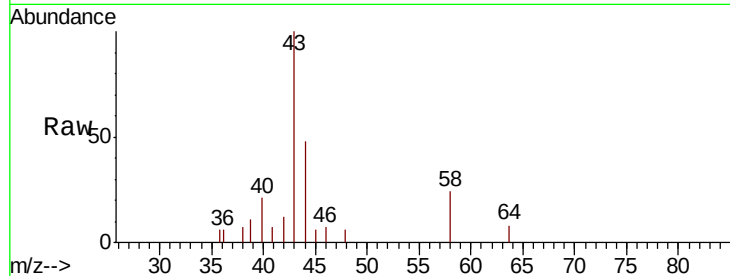




#15
Methvl Acetate
Concen: 1.644 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.24 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

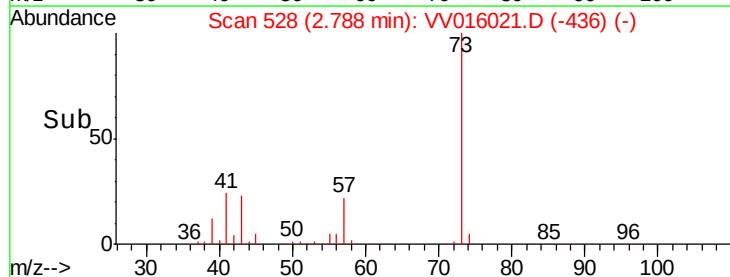
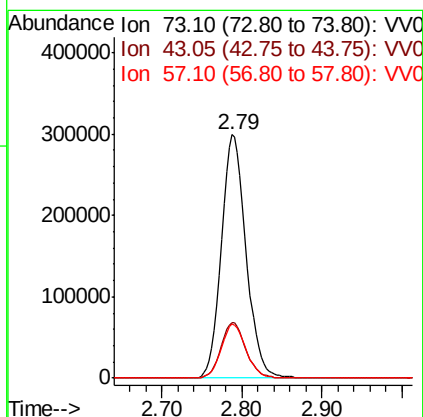
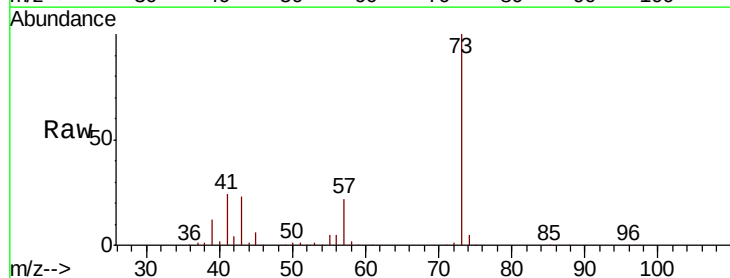
Instrument :
MSVOA_V
ClientSampleId :

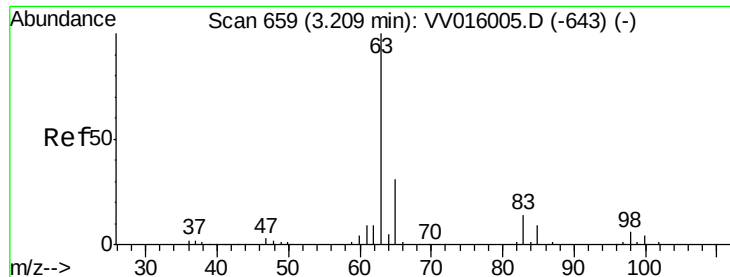
Tot Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#17
Methyl tert-butyl Ether
Concen: 33.095 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

Tgt Ion: 73 Resp: 635445
Ion Ratio Lower Upper
73 100
43 23.2 18.8 28.2
57 22.3 17.8 26.6

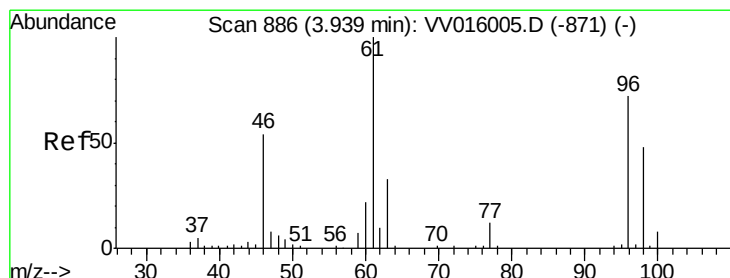
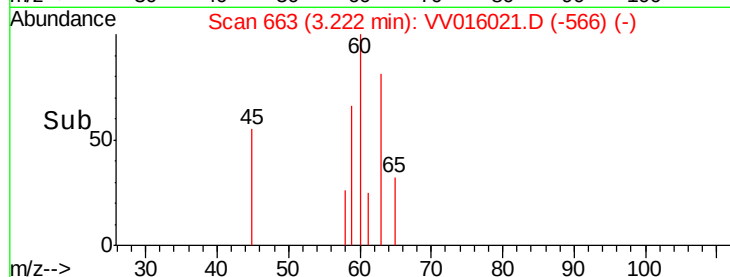
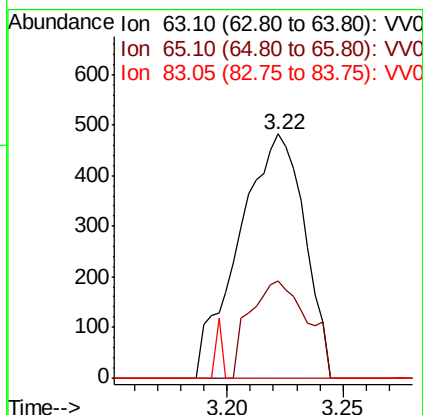
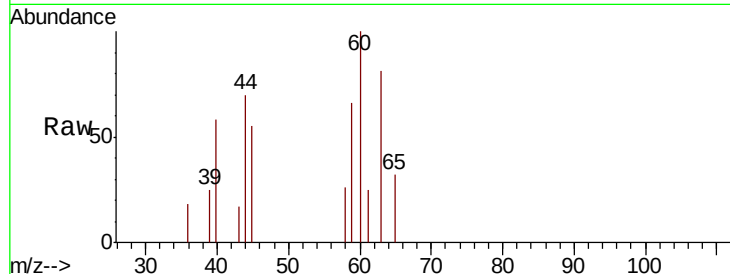




#19
 1,1-Dichloroethane
 Concen: 0.060 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

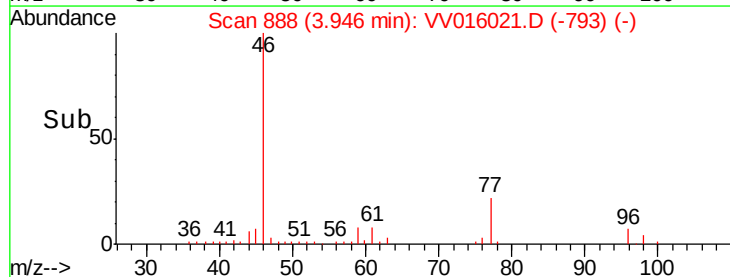
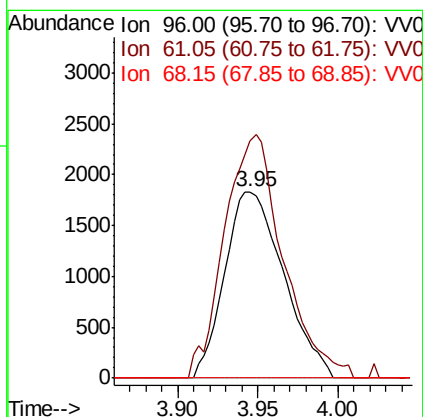
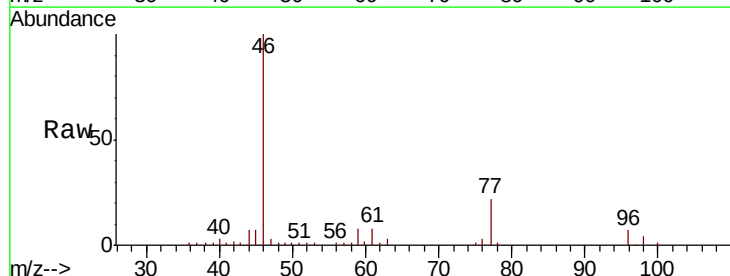
Instrument :
 MSVOA_V
 ClientSampleId :

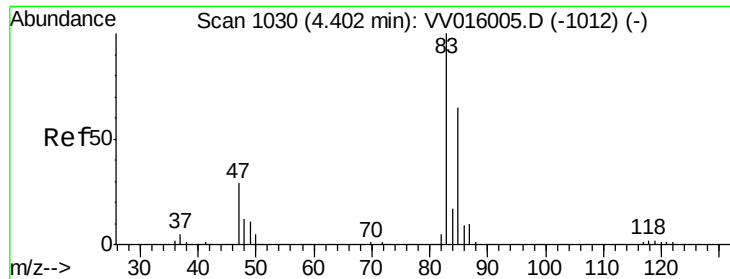
Tot Ion: 63 Resp: 946
 Ion Ratio Lower Upper
 63 100
 65 39.5 22.0 41.0
 83 0.0 9.8 18.2#



#22
 cis-1,2-Dichloroethene
 Concen: 0.540 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

Tgt Ion: 96 Resp: 4620
 Ion Ratio Lower Upper
 96 100
 61 127.4 97.2 180.6
 68 0.0 0.0 0.0

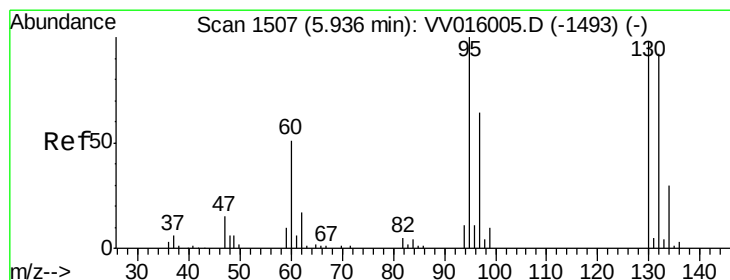
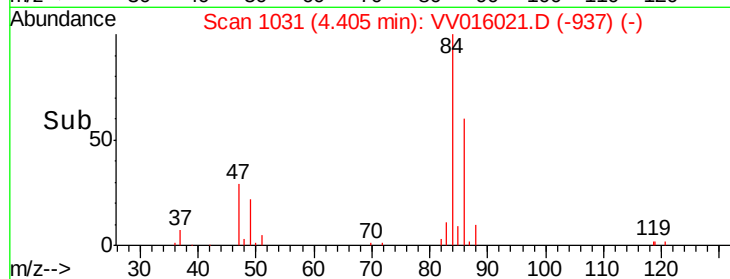
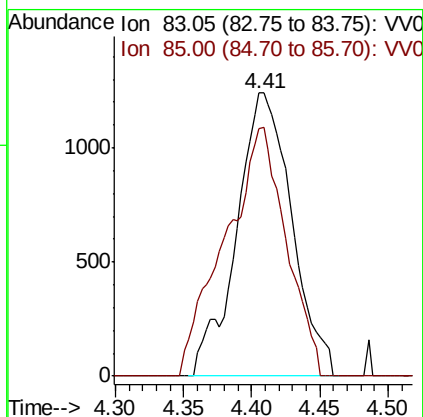
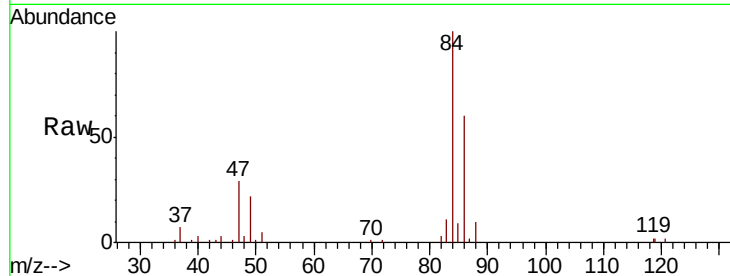




#25
Chloroform
Concen: 0.201 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

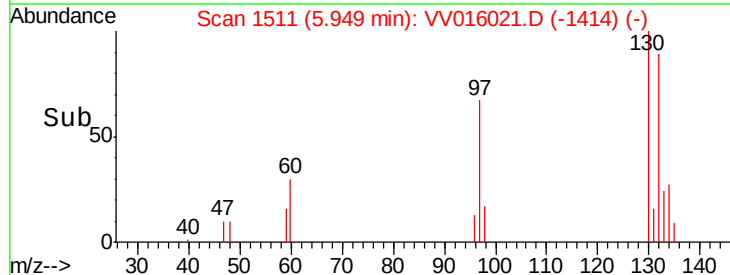
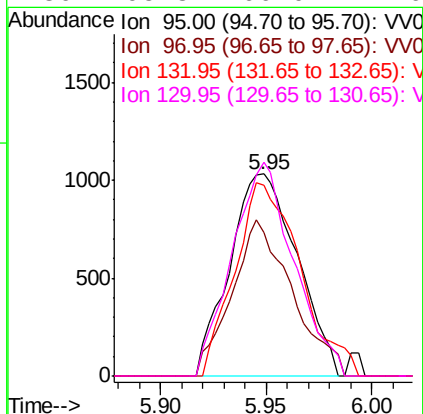
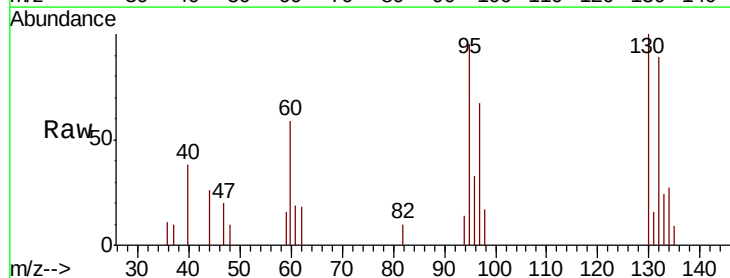
Instrument :
MSVOA_V
ClientSampled :

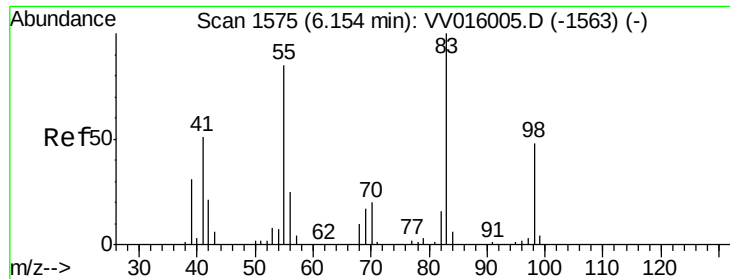
Tot Ion: 83 Resp: 3486
Ion Ratio Lower Upper
83 100
85 87.4 45.7 84.9#



#34
Trichloroethene
Concen: 0.237 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

Tgt Ion: 95 Resp: 2296
Ion Ratio Lower Upper
95 100
97 71.2 43.3 80.5
132 94.6 60.3 112.1
130 105.8 66.0 122.6

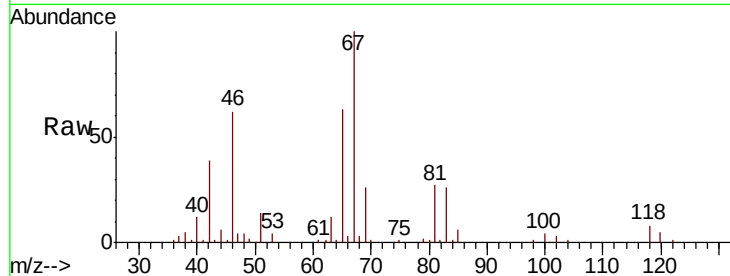




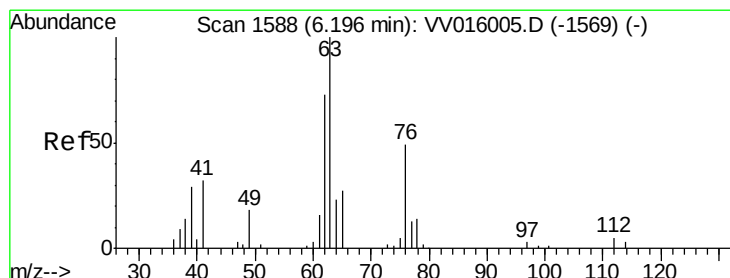
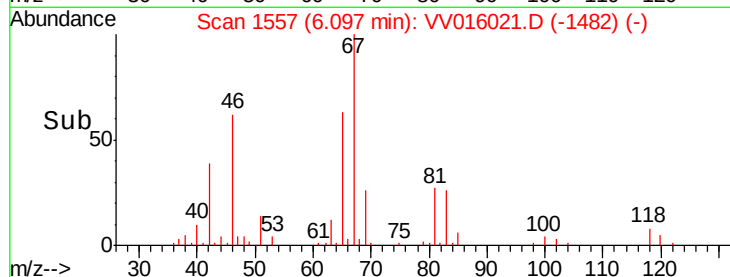
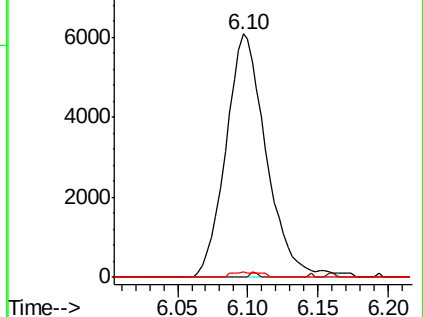
#35
Methylvlcyclohexane
Concen: 0.829 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12133
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 1.0 37.9 56.9#

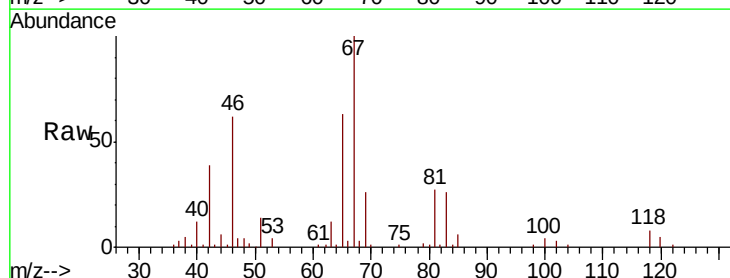


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

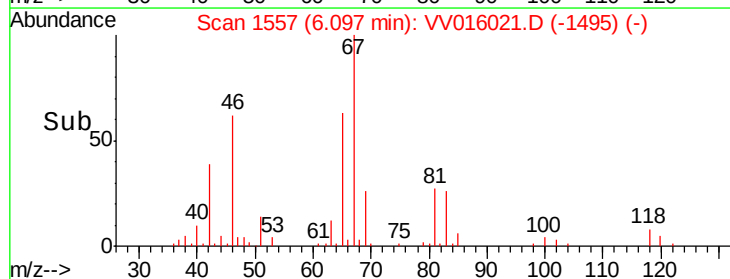
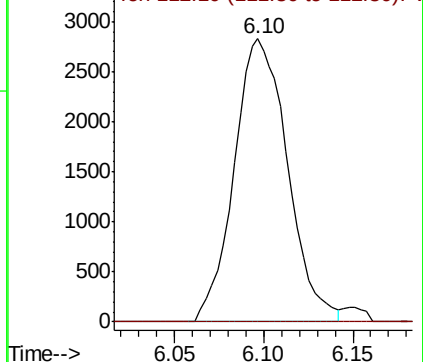


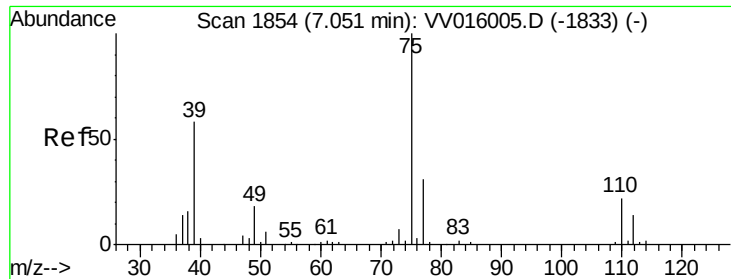
#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016021.D
Acq: 12 May 2020 18:11

Tgt Ion: 63 Resp: 5918
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

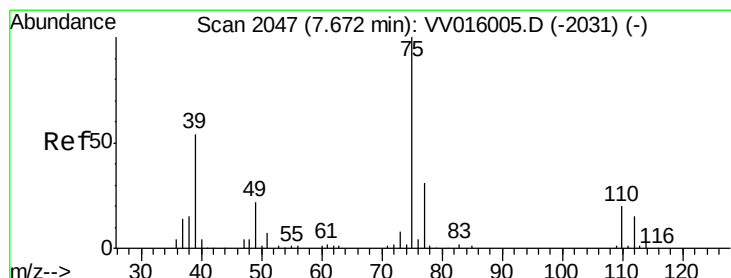
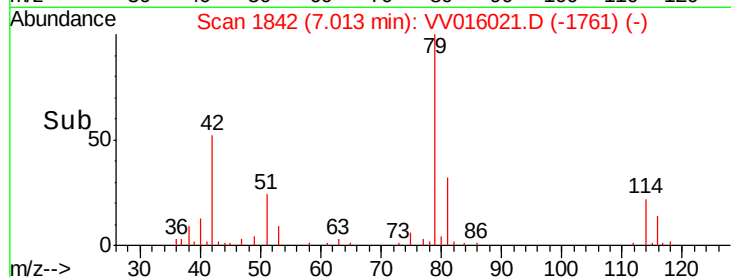
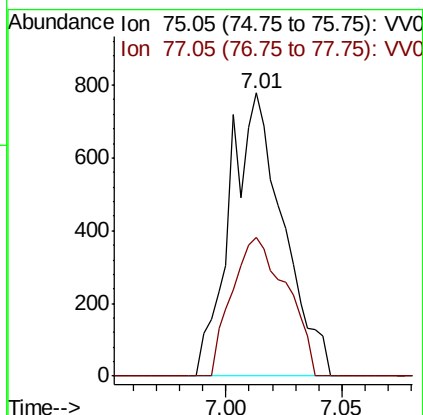
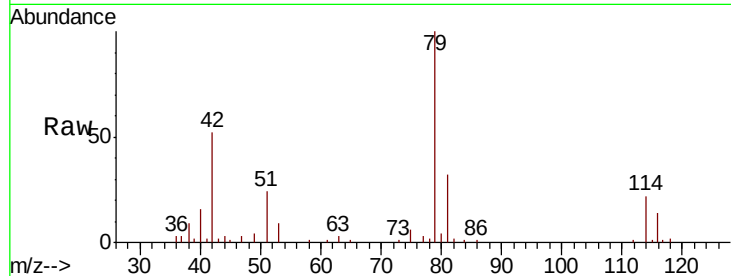




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

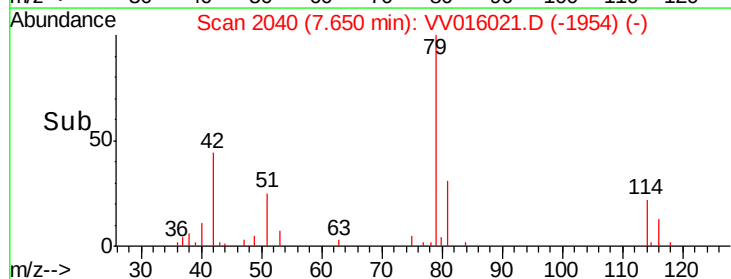
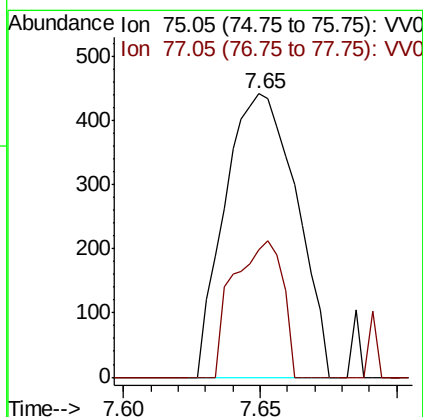
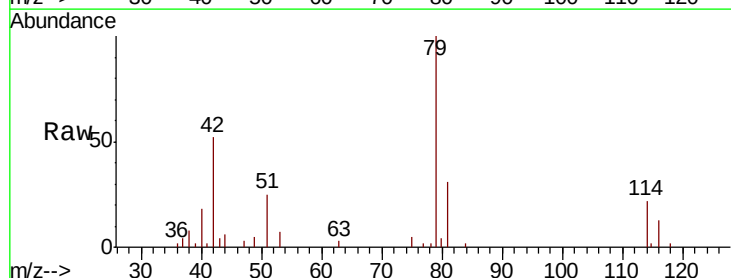
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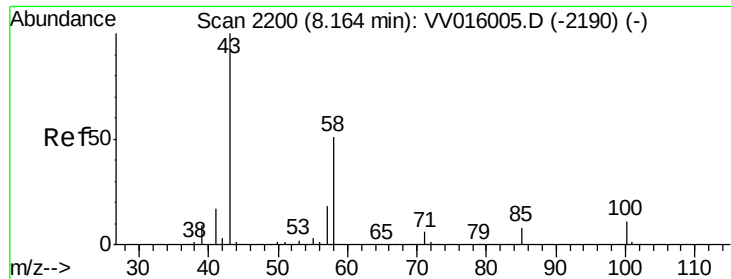
Tot Ion: 75 Resp: 1246
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016021.D
 Acq: 12 May 2020 18:11

Tgt Ion: 75 Resp: 804
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.3 39.6#





#50

2-Hexanone

Concen: 1.830 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV016021.D

Acq: 12 May 2020 18:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	6945
Ion	Ratio	Lower	Upper
43	100		
58	34.4	40.8	61.2#
57	18.6	14.7	22.1
100	3.0	9.0	13.6#

