

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016364.D
 Acq On : 30 May 2020 17:01
 Operator : SY/MD
 Sample : L2662-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84249	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31074	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	24313	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	43516	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	82036	49.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	4.38	84	57864	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	31832	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.08	84	117611	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	35515	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	103636	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
45) trans-1,3-Dichloropropene-	7.64	79	11837	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.11	63	65550	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24956	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	37023	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

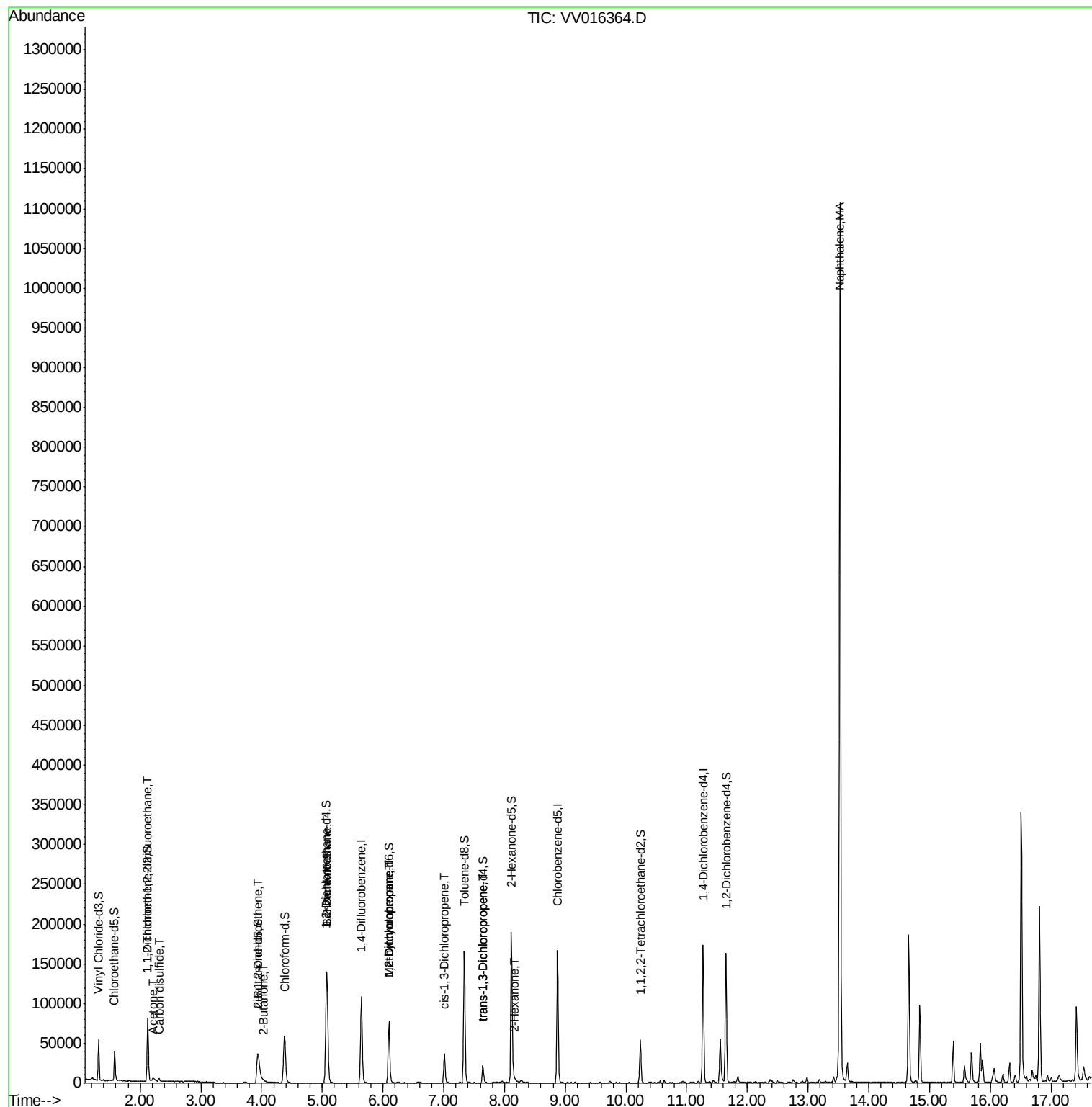
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	427	0.072	ug/L #	21
13) Acetone	2.21	43	3612	3.258	ug/L	57
14) Carbon disulfide	2.31	76	4426	0.259	ug/L #	87
21) 2-Butanone	4.04	43	1455	0.890	ug/L	78
22) cis-1,2-Dichloroethene	3.94	96	614	0.093	ug/L	72
27) 1,2-Dichloroethane	5.07	62	745	0.096	ug/L #	76
35) Methylcyclohexane	6.10	83	8419	0.799	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	4215	0.668	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	955	0.115	ug/L	96
46) trans-1,3-Dichloropropene	7.65	75	543	0.079	ug/L #	70
50) 2-Hexanone	8.17	43	1262	0.475	ug/L #	55
70) Naphthalene	13.52	128	823578	45.153	ug/L	99

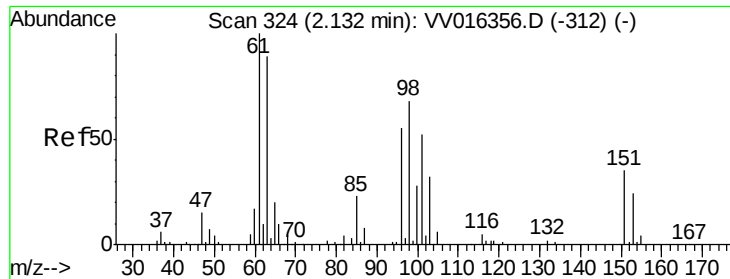
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016364.D

Acq: 30 May 2020 17:01

Instrument :

MSVOA_V

ClientSampleId :

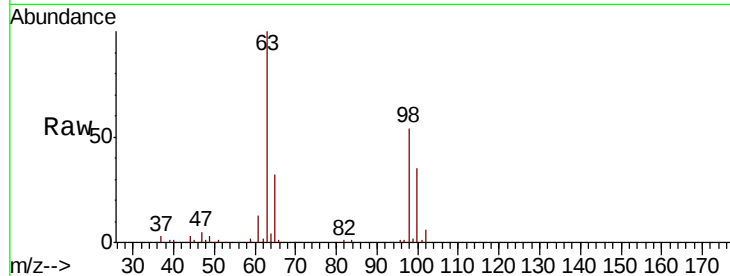
Tot Ion:101 Resp: 427

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

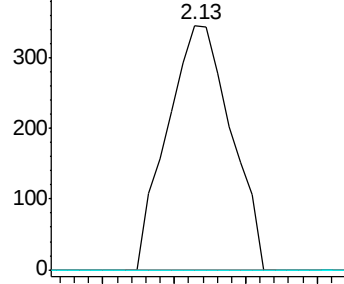
151 0.0 57.2 85.8#



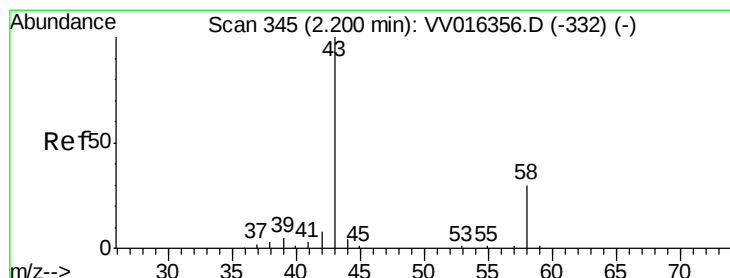
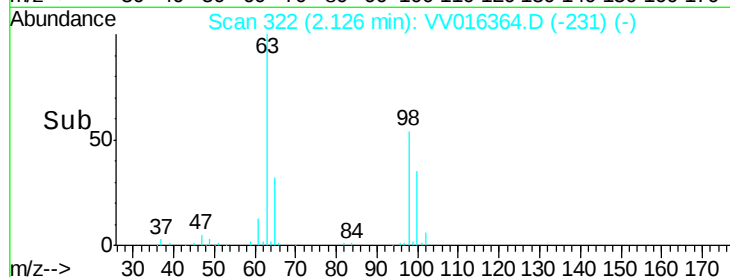
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 3.258 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV016364.D

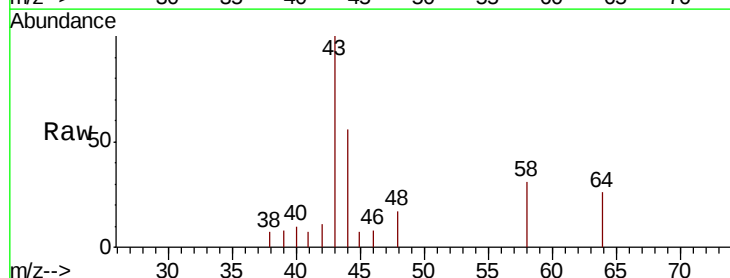
Acq: 30 May 2020 17:01

Tgt Ion: 43 Resp: 3612

Ion Ratio Lower Upper

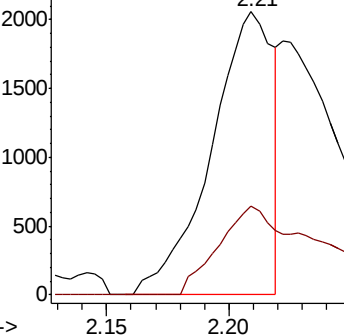
43 100

58 52.9 0.0 59.2

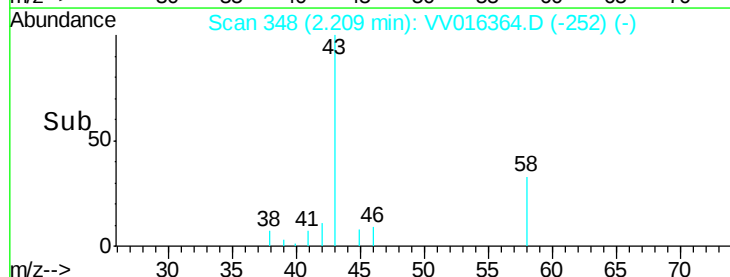


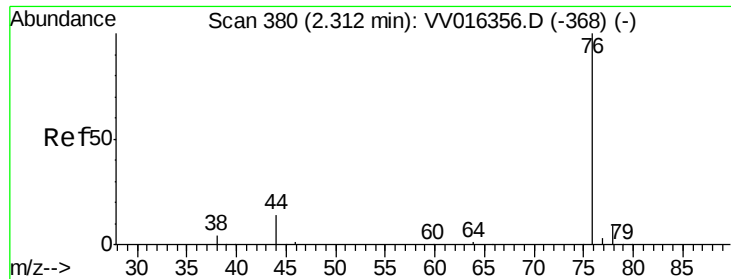
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



Time-->

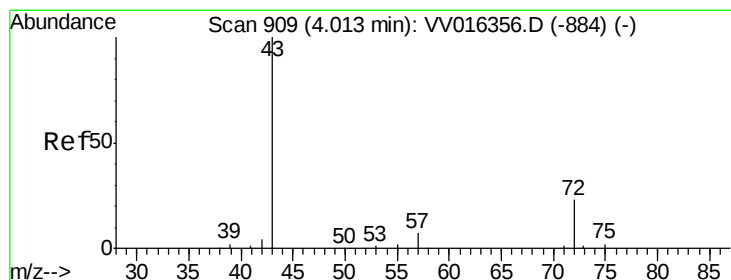
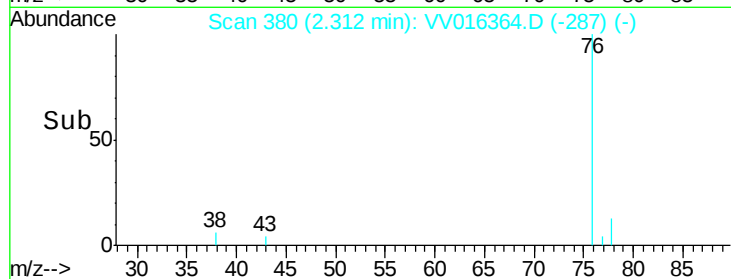
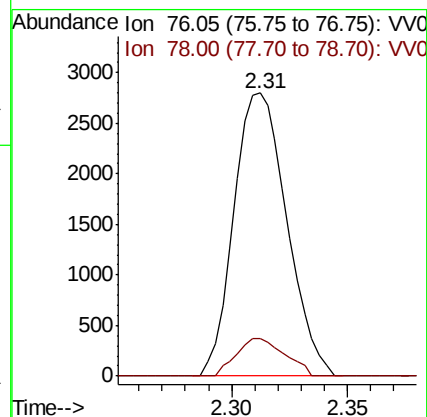
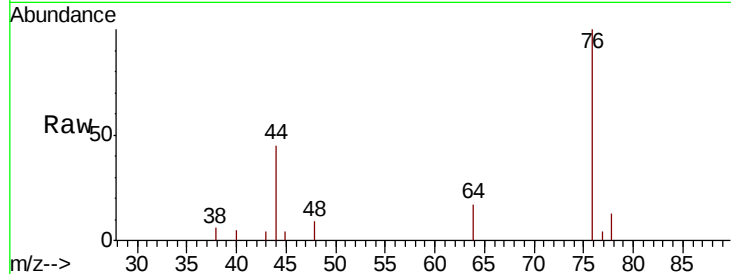




#14
Carbon disulfide
Concen: 0.259 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016364.D
Acq: 30 May 2020 17:01

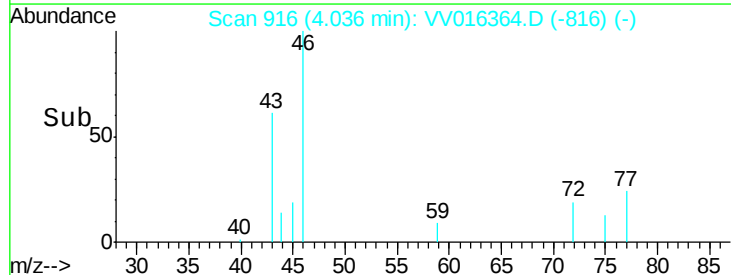
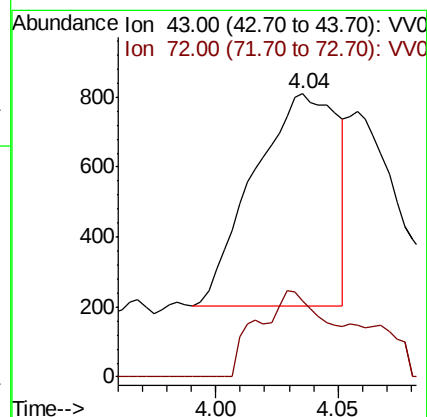
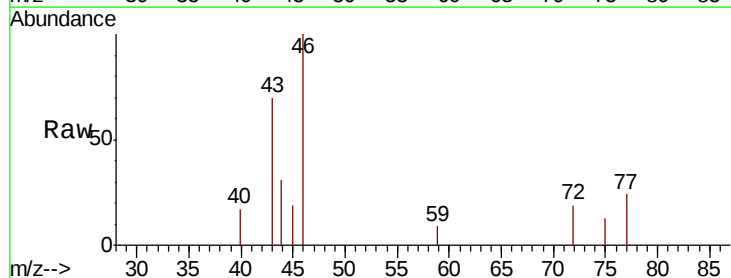
Instrument :
MSVOA_V
ClientSampleId :

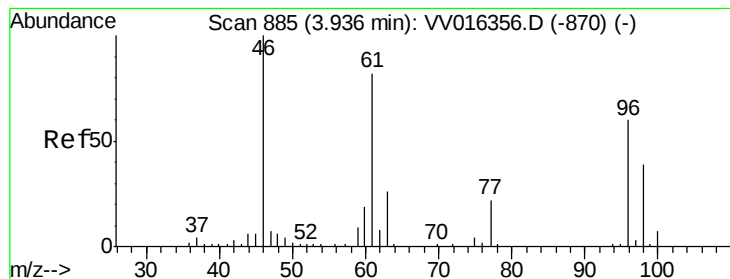
Tot Ion: 76 Resp: 4426
Ion Ratio Lower Upper
76 100
78 13.3 6.8 10.2#



#21
2-Butanone
Concen: 0.890 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV016364.D
Acq: 30 May 2020 17:01

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
72 32.8 11.2 33.6



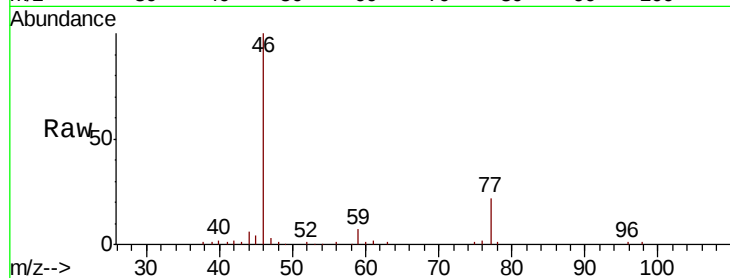


#22

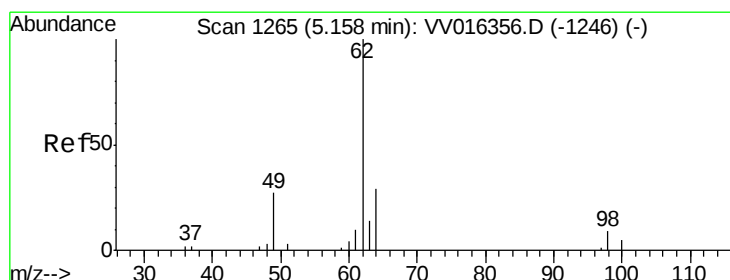
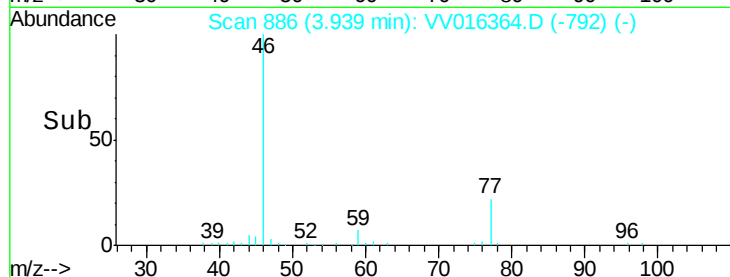
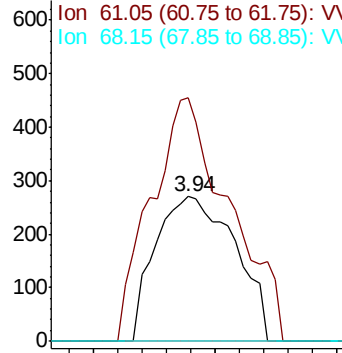
cis-1,2-Dichloroethene
 Concen: 0.093 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016364.D
 Acq: 30 May 2020 17:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 614
 Ion Ratio Lower Upper
 96 100
 61 168.5 94.8 176.0
 68 0.0 0.0 0.0



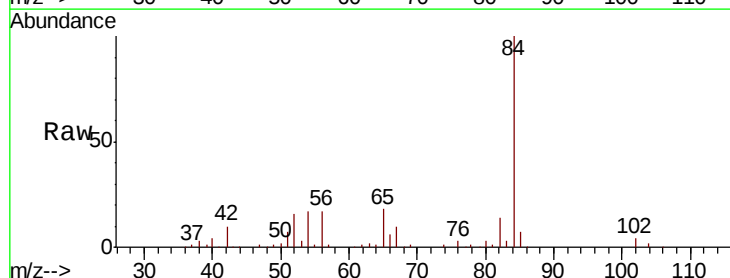
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



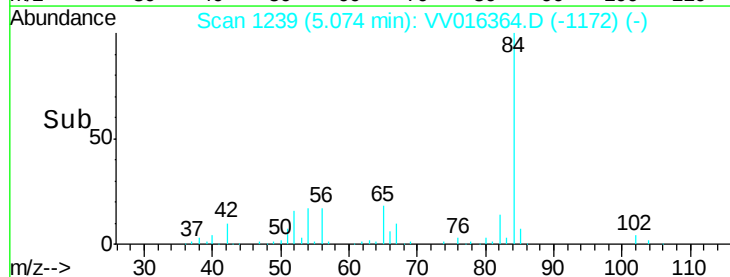
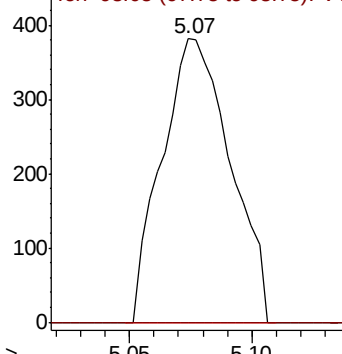
#27

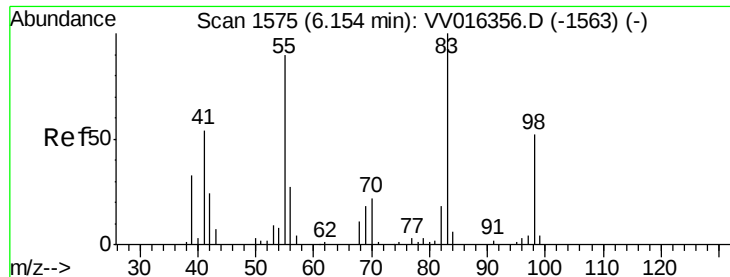
1,2-Dichloroethane
 Concen: 0.096 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016364.D
 Acq: 30 May 2020 17:01

Tgt Ion: 62 Resp: 745
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

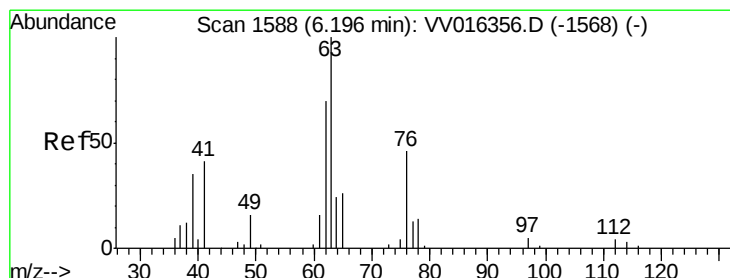
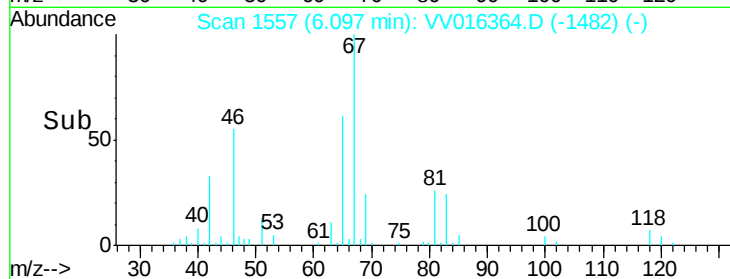
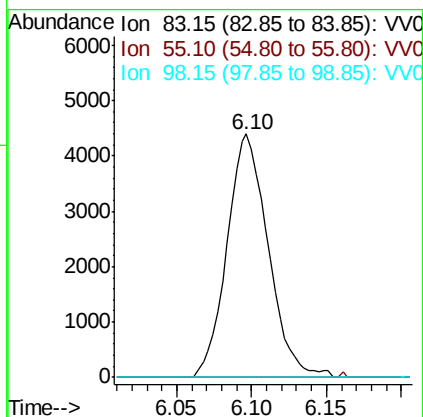
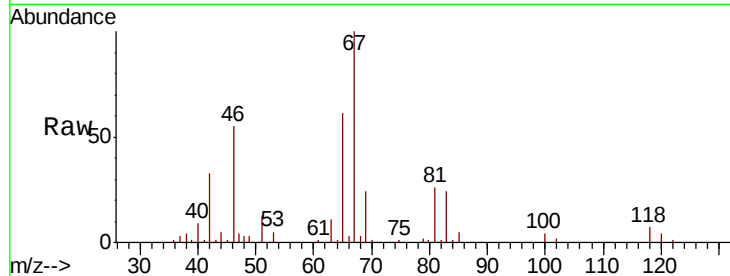




#35
Methvlcvclohexane
Concen: 0.799 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016364.D
Acq: 30 May 2020 17:01

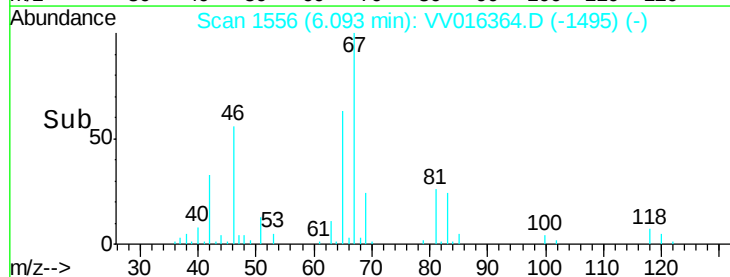
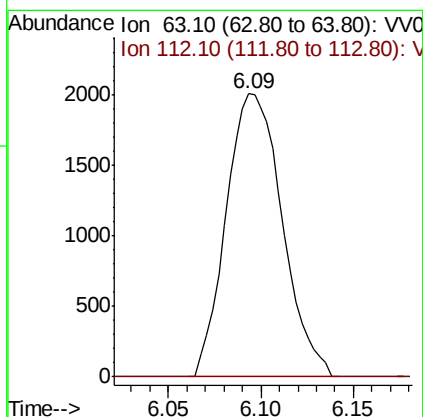
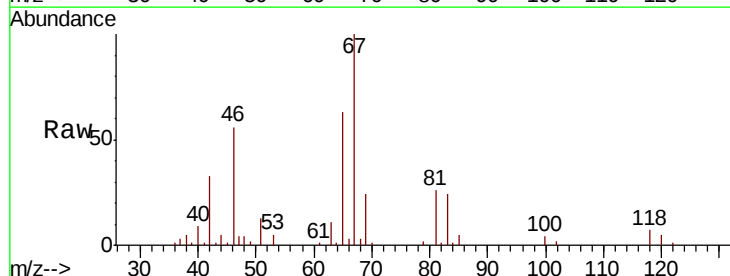
Instrument :
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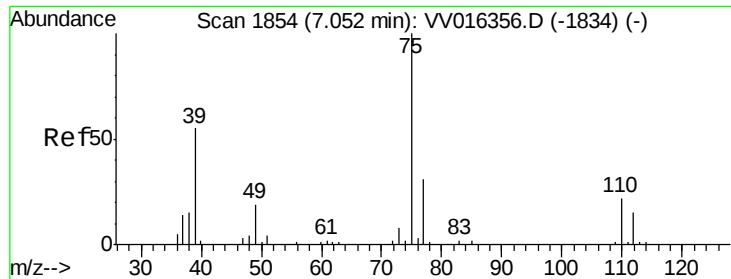
Tot Ion: 83 Resp: 8419
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016364.D
Acq: 30 May 2020 17:01

Tgt Ion: 63 Resp: 4215
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

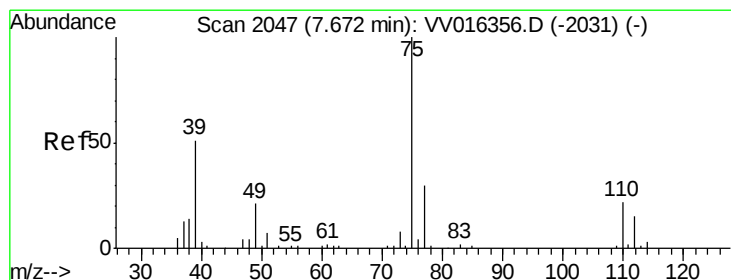
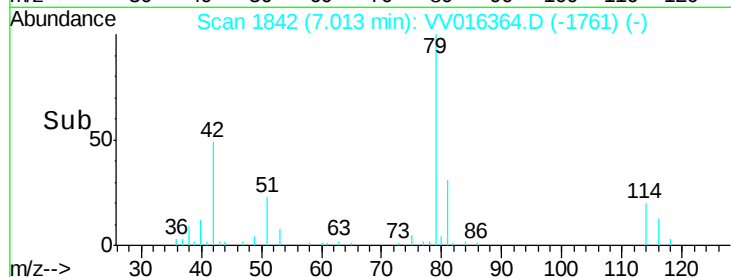
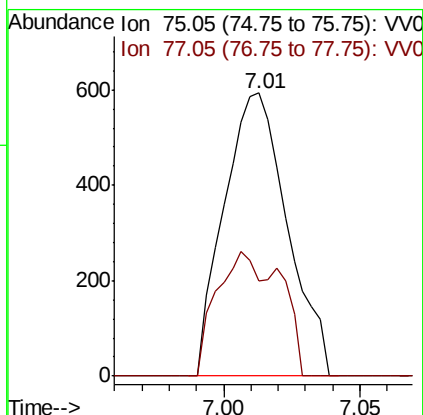
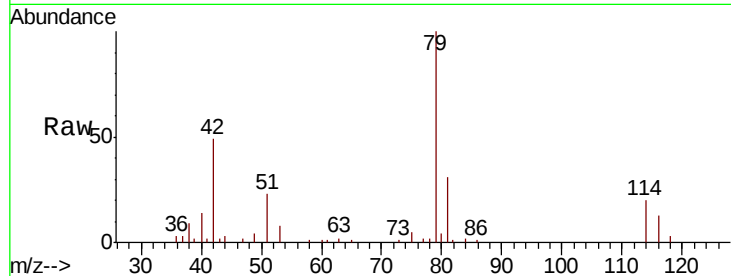




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016364.D
 Acq: 30 May 2020 17:01

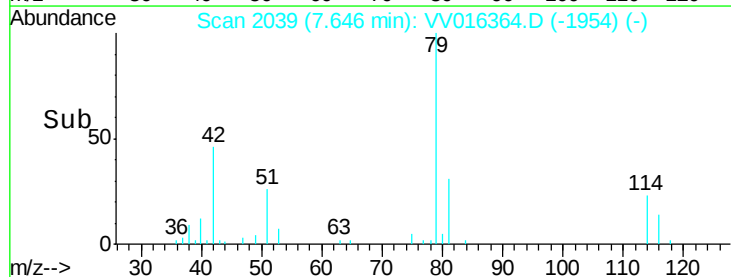
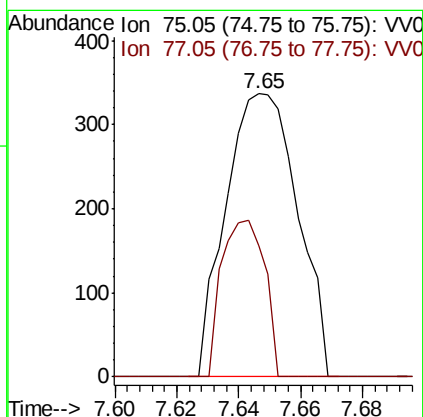
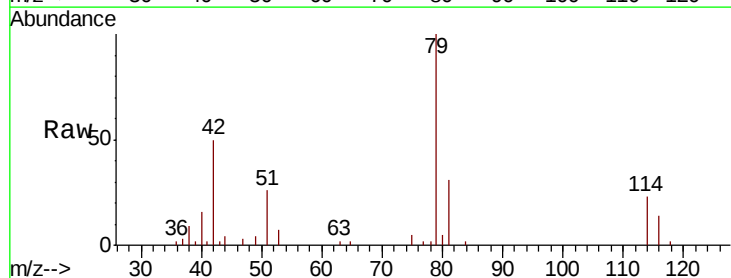
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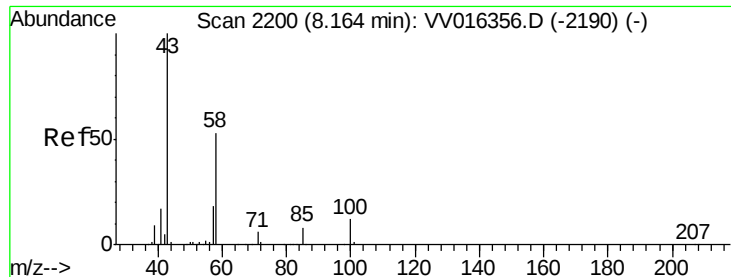
Tot Ion: 75 Resp: 955
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.0 41.0



#46
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016364.D
 Acq: 30 May 2020 17:01

Tgt Ion: 75 Resp: 543
 Ion Ratio Lower Upper
 75 100
 77 46.3 21.1 39.3#

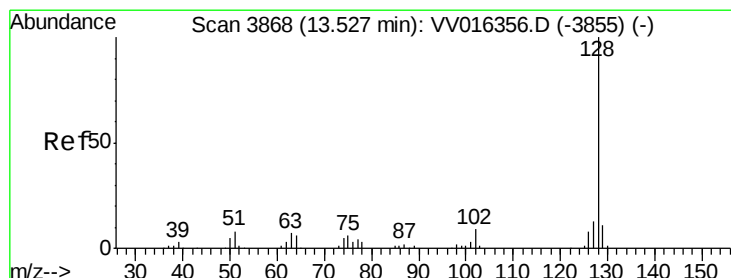
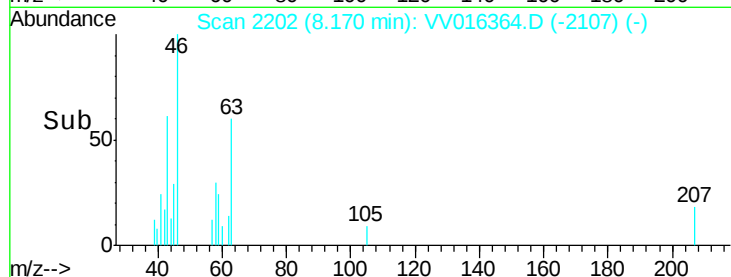
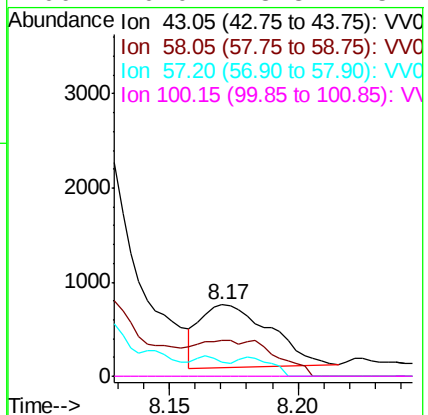
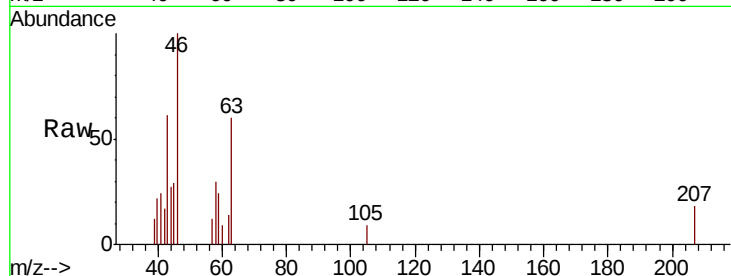




#50
2-Hexanone
Concen: 0.475 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV016364.D
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Tot Ion	Ratio	Lower	Upper
43	100		
58	8.1	41.1	61.7#
57	14.9	14.2	21.4
100	0.0	8.8	13.2#



#70
Naphthalene
Concen: 45.153 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV016364.D
Acq: 30 May 2020 17:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.1	10.7	16.1

