

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016156.D
 Acq On : 21 May 2020 16:14
 Operator : SY/MD
 Sample : L2731-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:56:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	138997	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131820	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30507	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	35545	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	55064	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.94	46	102181	47.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.38	84	87060	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.06	65	44106	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	163862	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.10	67	51192	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.34	98	144980	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
45) trans-1,3-Dichloropropene-	7.65	79	13749	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
48) 2-Hexanone-d5	8.12	63	74571	45.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31741	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52293	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

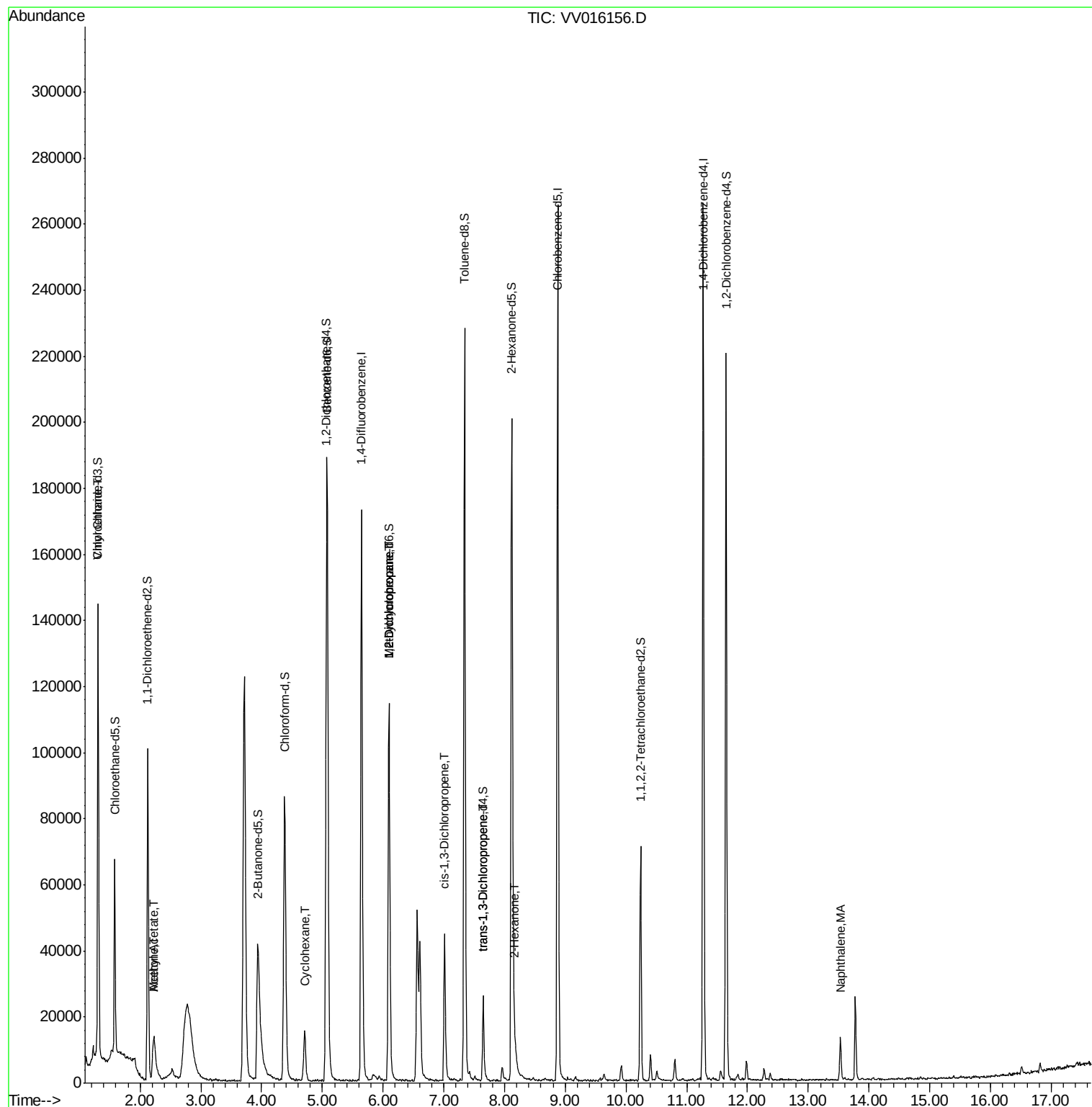
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	1191	0.162	ug/L	85
13) Acetone	2.23	43	30618	21.578	ug/L	65
15) Methyl Acetate	2.23	43	30607	9.335	ug/L #	51
30) Cyclohexane	4.71	56	7612	0.523	ug/L	97
35) Methylcyclohexane	6.10	83	12233	0.854	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6428	0.763	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1225	0.103	ug/L #	81
46) trans-1,3-Dichloropropene	7.65	75	682	0.068	ug/L #	57
50) 2-Hexanone	8.17	43	2072	0.558	ug/L #	47
70) Naphthalene	13.53	128	10821	0.651	ug/L	98

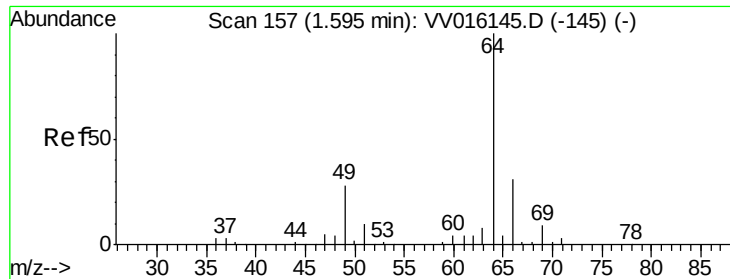
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.162 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV016156.D

Acq: 21 May 2020 16:14

Instrument :

MSVOA_V

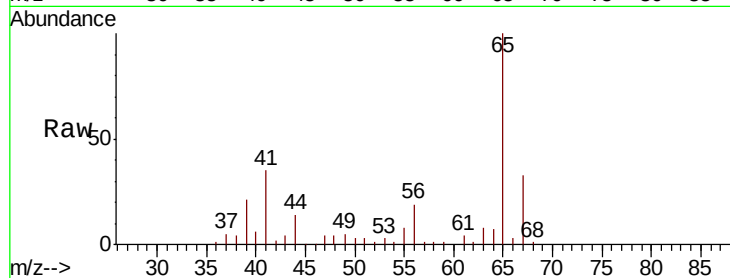
ClientSampleId :

Tot Ion: 64 Resp: 1191

Ion Ratio Lower Upper

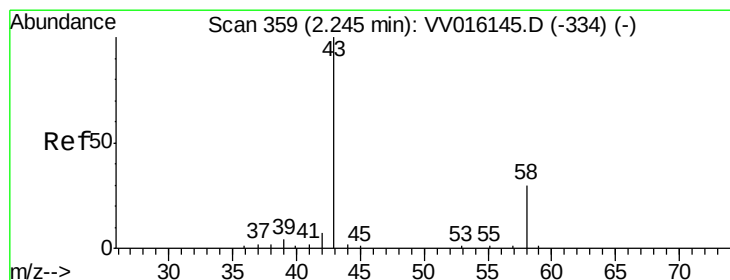
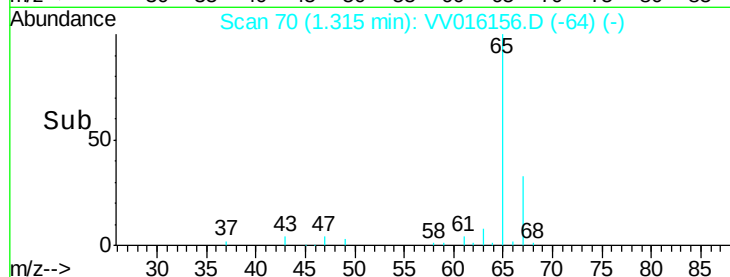
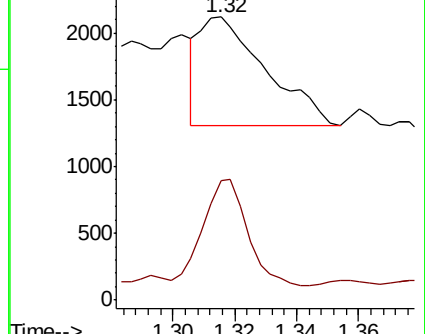
64 100

66 42.4 23.6 43.8



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 21.578 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.02 min

Lab File: VV016156.D

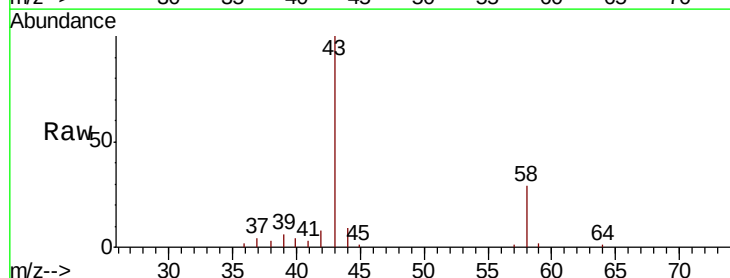
Acq: 21 May 2020 16:14

Tgt Ion: 43 Resp: 30618

Ion Ratio Lower Upper

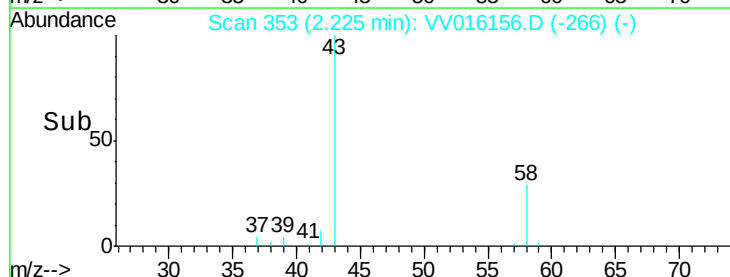
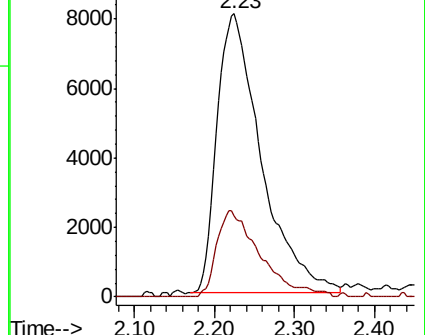
43 100

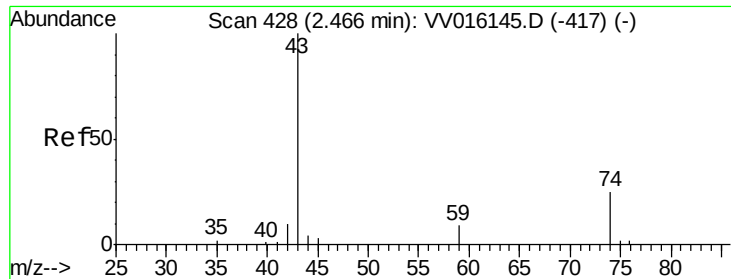
58 29.9 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#15

Methvl Acetate

Concen: 9.335 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.24 min

Lab File: VV016156.D

Acq: 21 May 2020 16:14

Instrument :

MSVOA_V

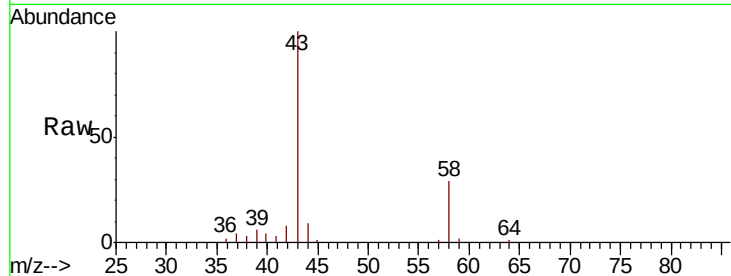
ClientSampleId :

Tot Ion: 43 Resp: 30607

Ion Ratio Lower Upper

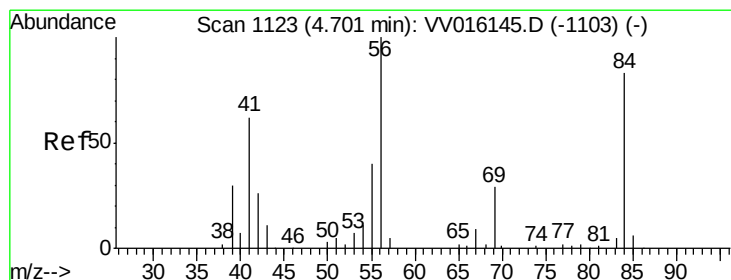
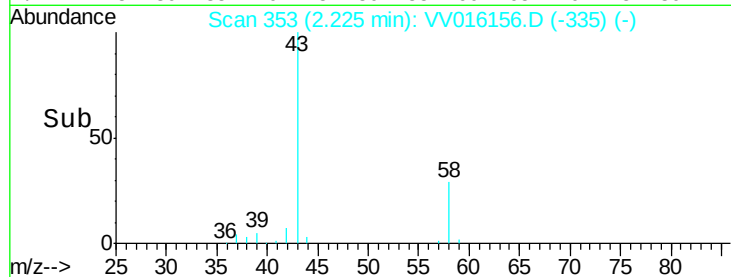
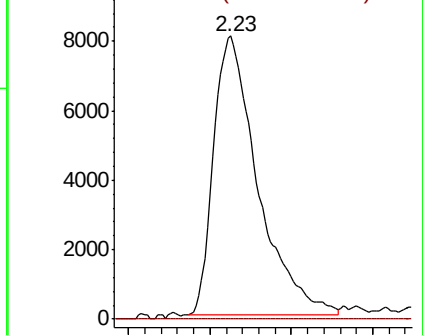
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#30

Cyclohexane

Concen: 0.523 ug/L

RT: 4.71 min Scan# 1127

Delta R.T. 0.01 min

Lab File: VV016156.D

Acq: 21 May 2020 16:14

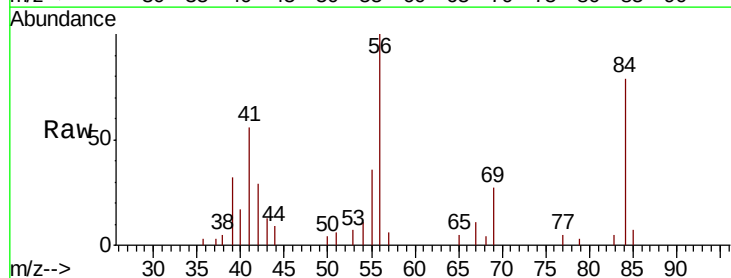
Tgt Ion: 56 Resp: 7612

Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.2

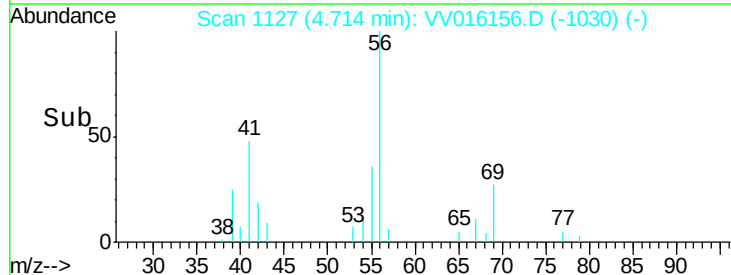
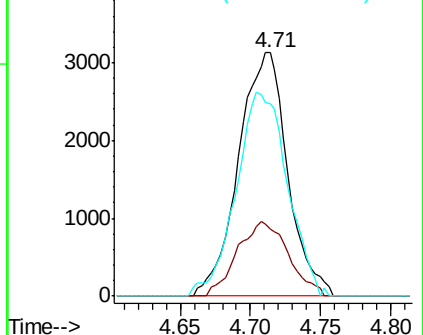
84 87.6 68.3 102.5

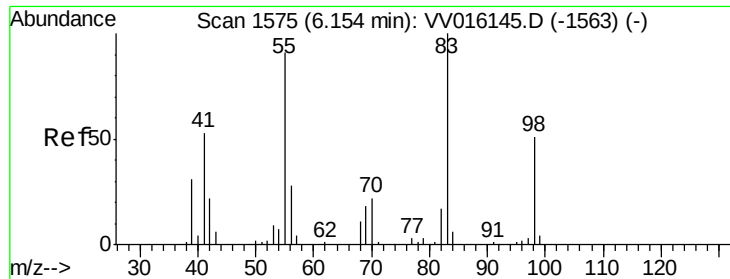


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0

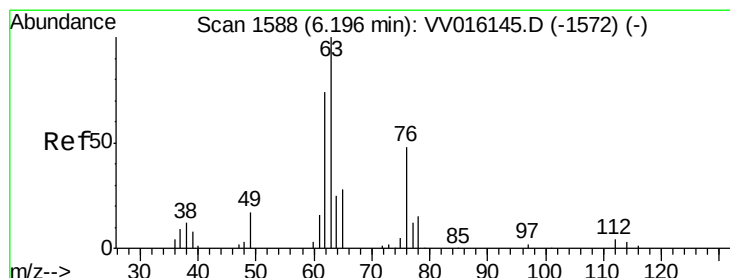
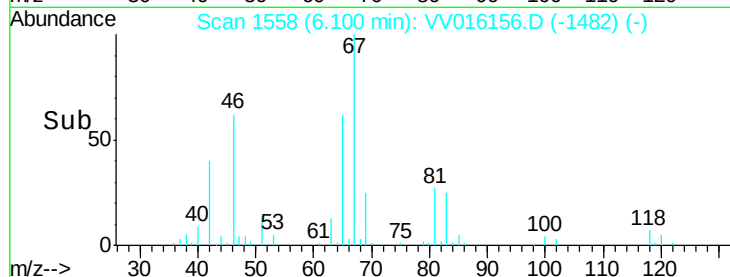
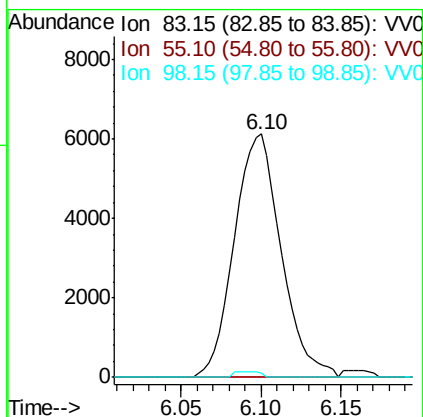
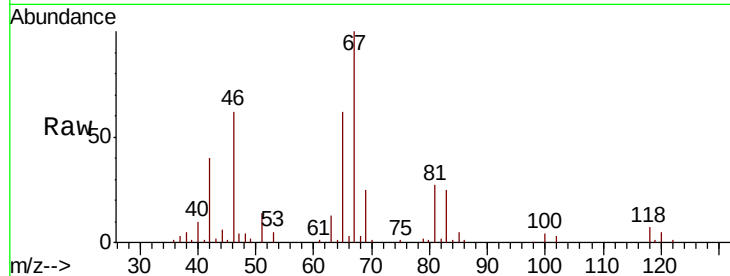




#35
Methvlcvclohexane
Concen: 0.854 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016156.D
Acq: 21 May 2020 16:14

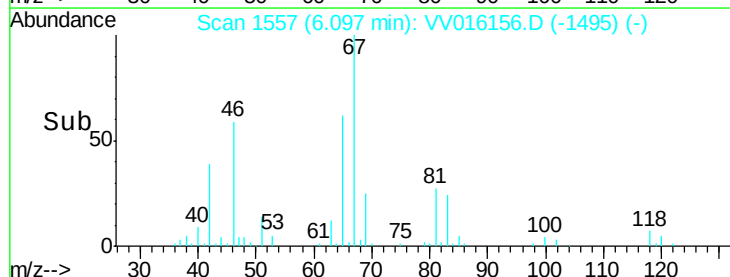
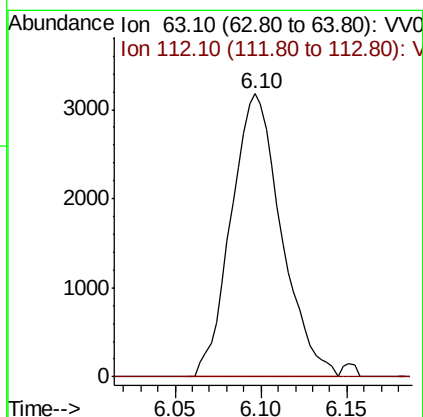
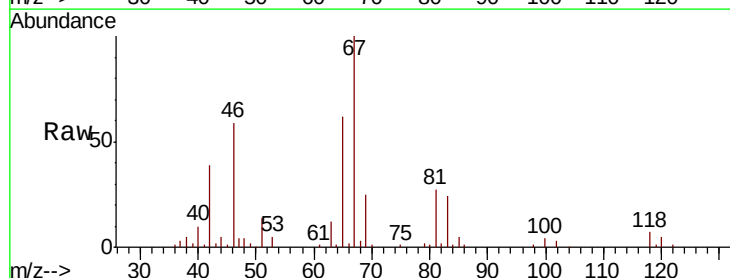
Instrument :
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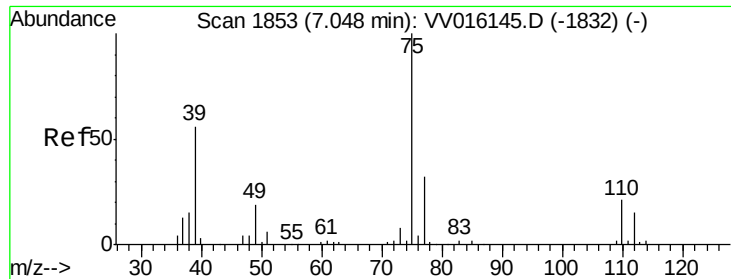
Tot Ion: 83 Resp: 12233
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 1.3 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016156.D
Acq: 21 May 2020 16:14

Tgt Ion: 63 Resp: 6428
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

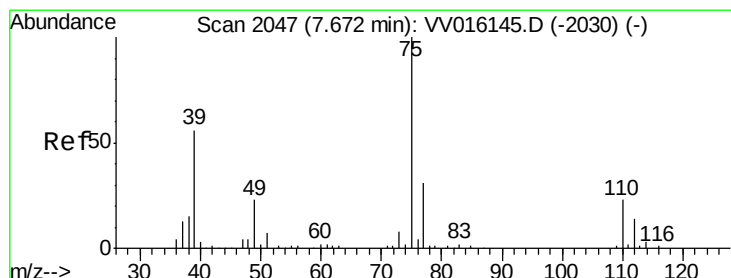
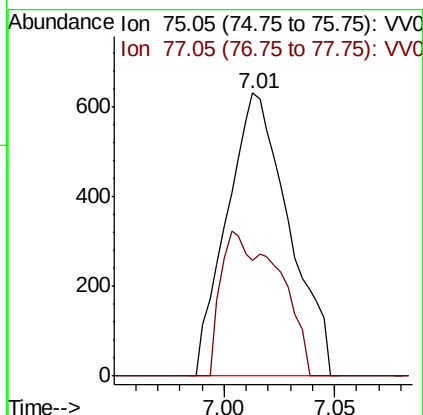
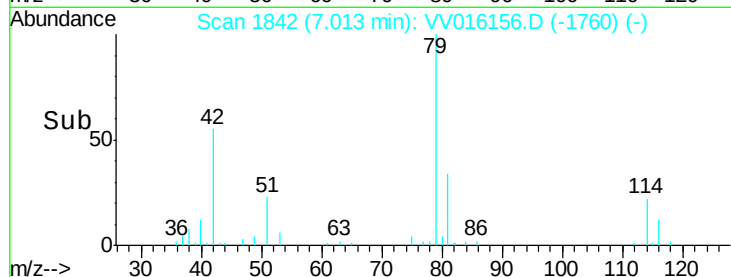
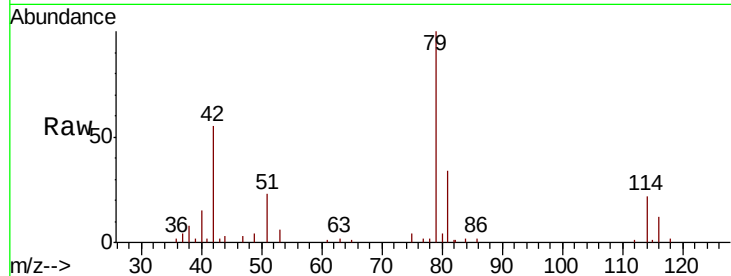




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016156.D
 Acq: 21 May 2020 16:14

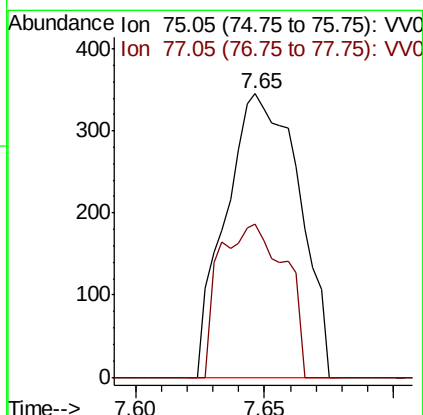
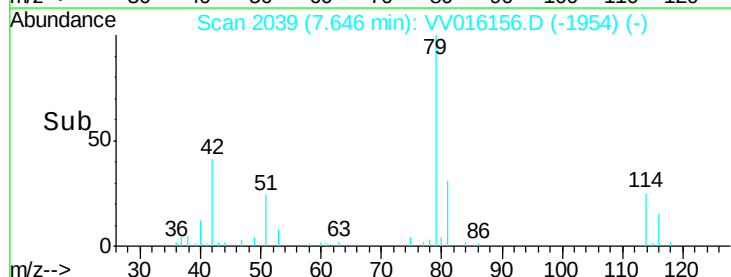
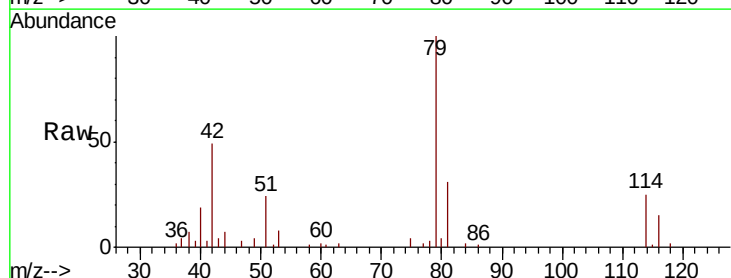
Instrument :
 MSVOA_V
 ClientSampleId :

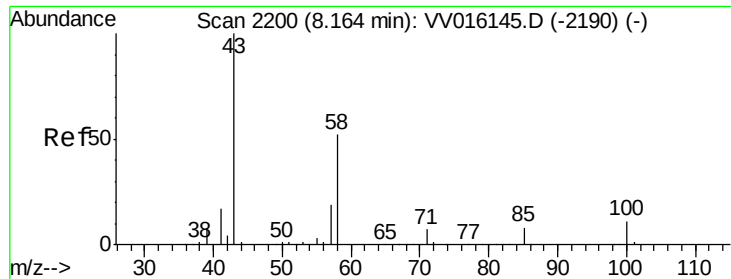
Tot Ion: 75 Resp: 1225
 Ion Ratio Lower Upper
 75 100
 77 41.0 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016156.D
 Acq: 21 May 2020 16:14

Tgt Ion: 75 Resp: 682
 Ion Ratio Lower Upper
 75 100
 77 53.9 21.3 39.6#

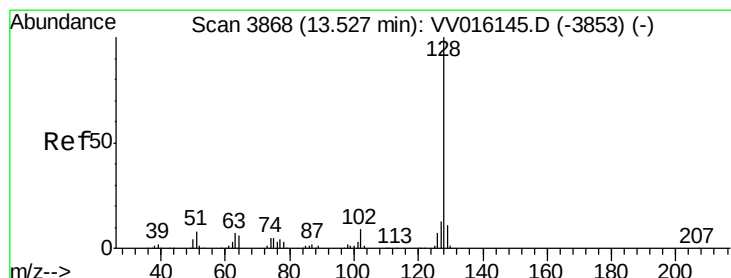
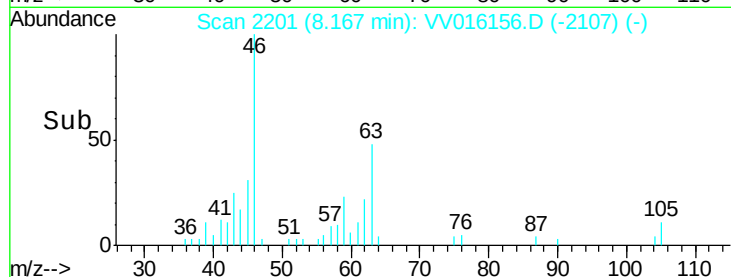
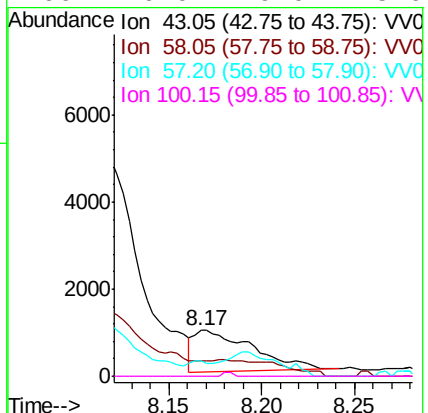
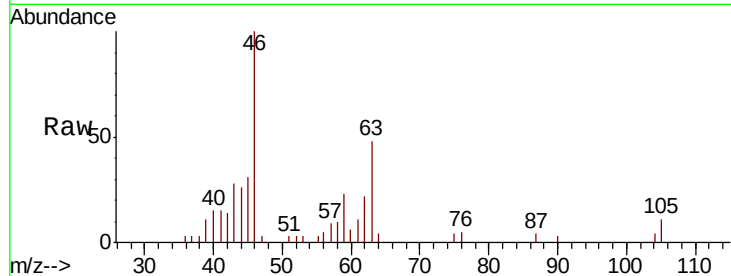




#50
2-Hexanone
Concen: 0.558 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV016156.D
Acq: 21 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
58 0.0 40.8 61.2#
57 13.2 14.7 22.1#
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 0.651 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016156.D
Acq: 21 May 2020 16:14

Tgt Ion: 128 Resp: 10821
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 12.1 10.2 15.2

