

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016176.D
 Acq On : 22 May 2020 17:23
 Operator : SY/MD
 Sample : L2731-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133145	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41319	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.58	69	37499	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	64570	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.93	46	86359	39.59	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.18%
24) Chloroform-d	4.38	84	76559	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	41081	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.08	84	155014	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.10	67	45878	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	144073	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
45) trans-1,3-Dichloropropene-	7.65	79	15421	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
48) 2-Hexanone-d5	8.12	63	64168	38.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29525	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	49659	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

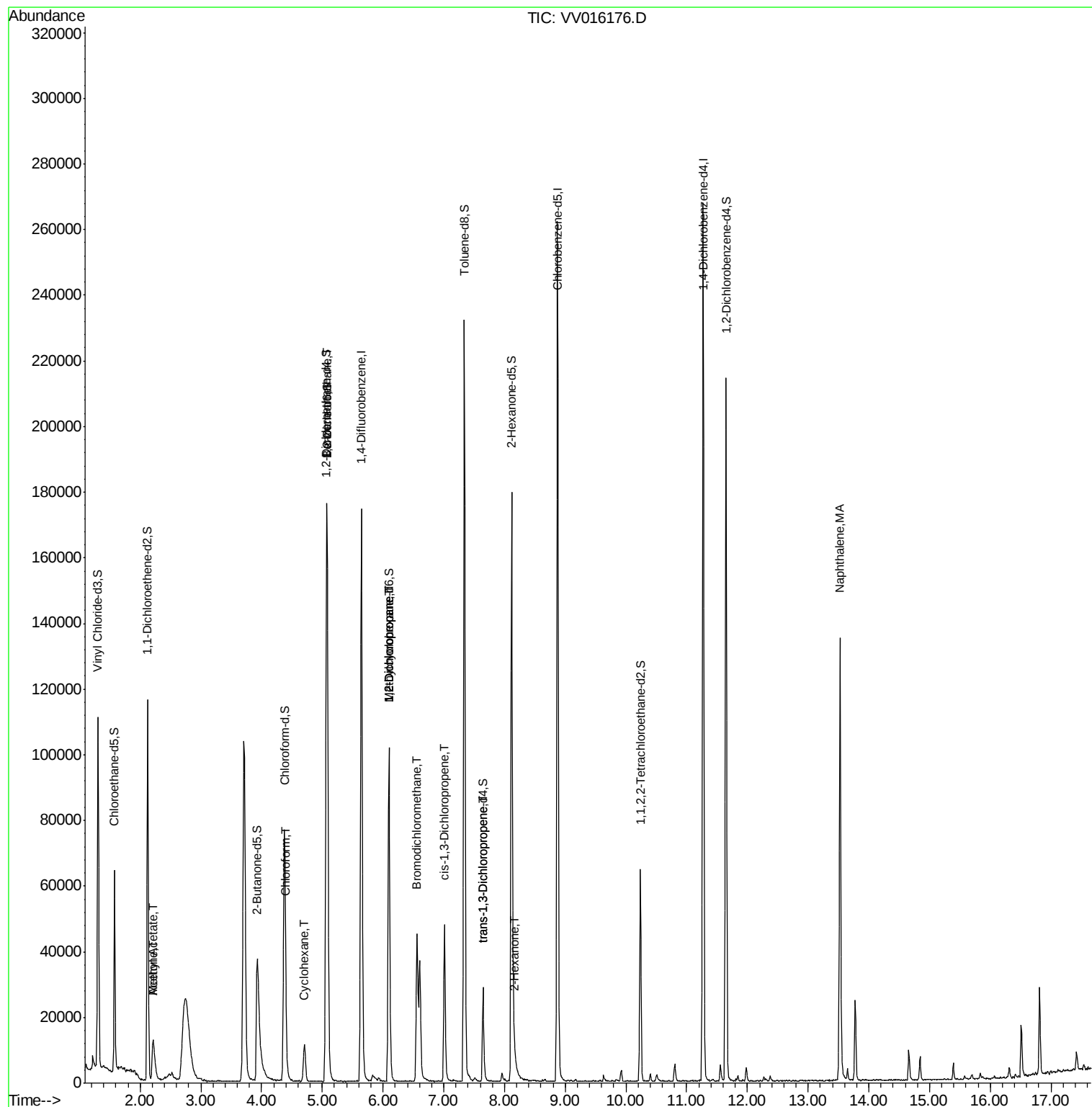
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	27090	18.826	ug/L	73
15) Methyl Acetate	2.21	43	25883	7.784	ug/L #	51
25) Chloroform	4.41	83	2560	0.141	ug/L	88
27) 1,2-Dichloroethane	5.08	62	1040	0.093	ug/L #	76
30) Cyclohexane	4.71	56	6057	0.412	ug/L	95
35) Methylcyclohexane	6.10	83	11179	0.773	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5724	0.673	ug/L #	87
38) Bromodichloromethane	6.56	83	650	0.060	ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	1264	0.105	ug/L #	53
46) trans-1,3-Dichloropropene	7.65	75	877	0.086	ug/L #	76
50) 2-Hexanone	8.17	43	1620	0.432	ug/L #	57
70) Naphthalene	13.53	128	105267	6.240	ug/L	99

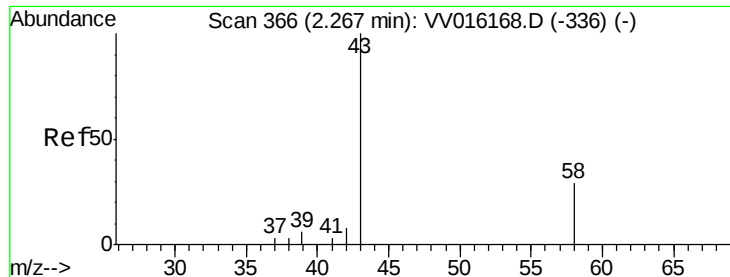
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.826 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.05 min

Lab File: VV016176.D

Acq: 22 May 2020 17:23

Instrument :

MSVOA_V

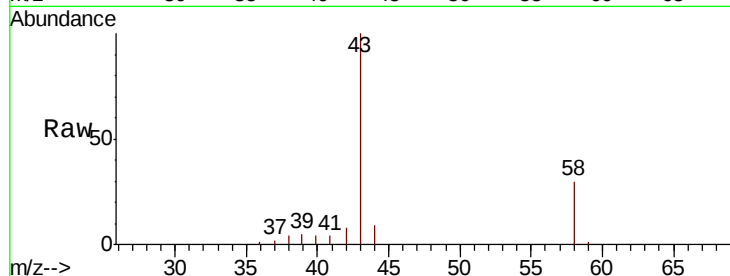
ClientSampleId :

Tot Ion: 43 Resp: 27090

Ion Ratio Lower Upper

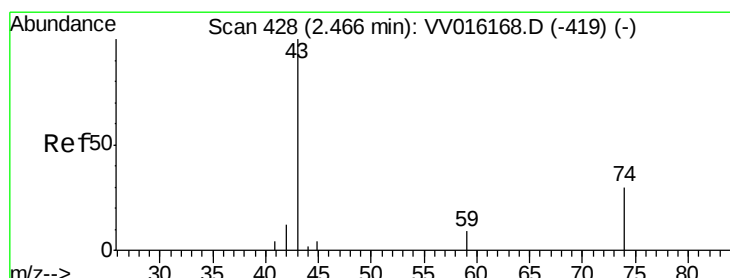
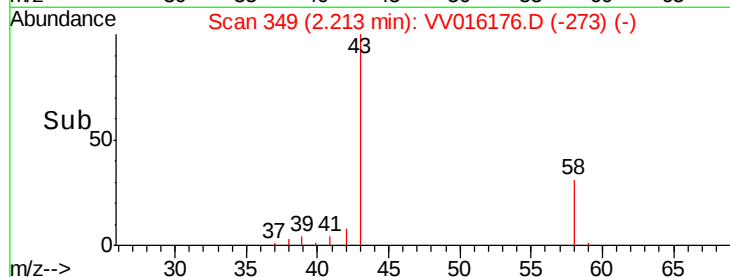
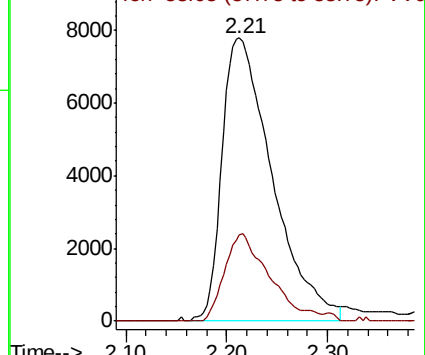
43 100

58 26.7 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016176.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV016176.D (-336) (-)



#15

Methyl Acetate

Concen: 7.784 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.25 min

Lab File: VV016176.D

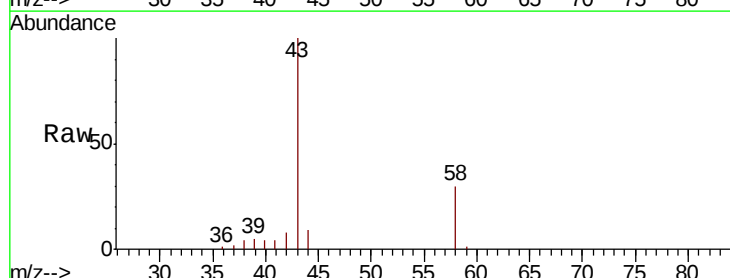
Acq: 22 May 2020 17:23

Tgt Ion: 43 Resp: 25883

Ion Ratio Lower Upper

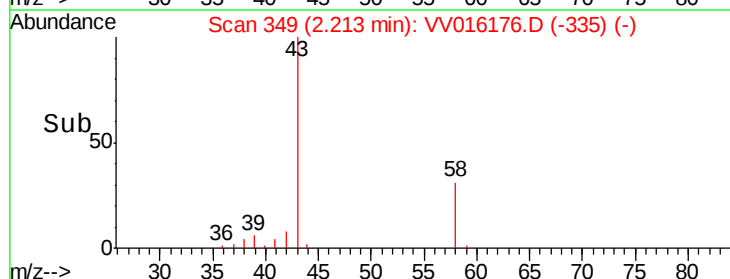
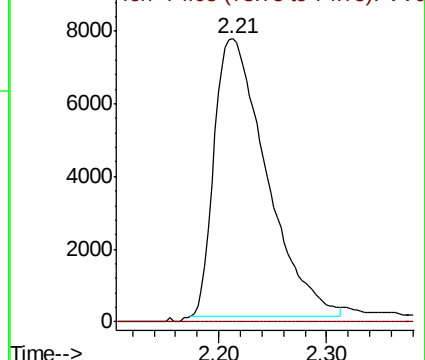
43 100

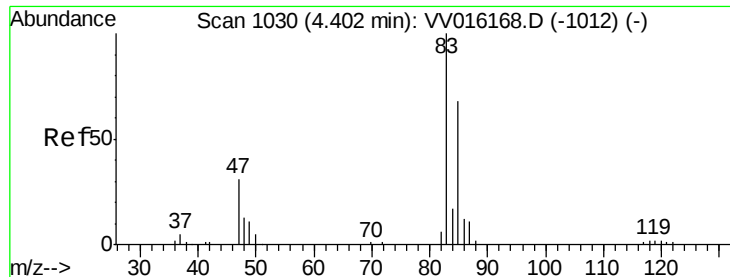
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VV016176.D (-335) (-)

Ion 74.05 (73.75 to 74.75): VV016176.D (-335) (-)

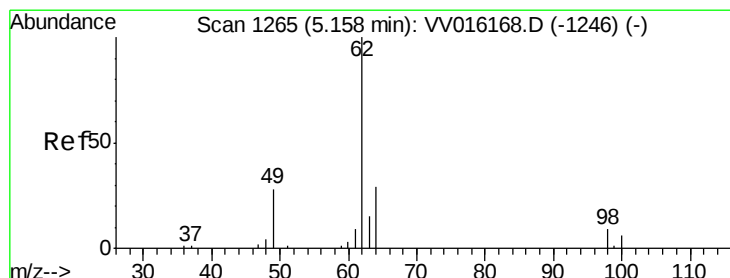
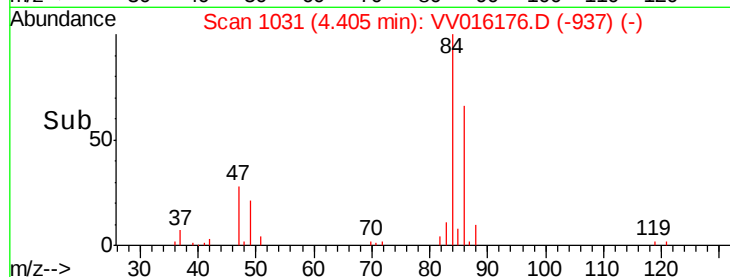
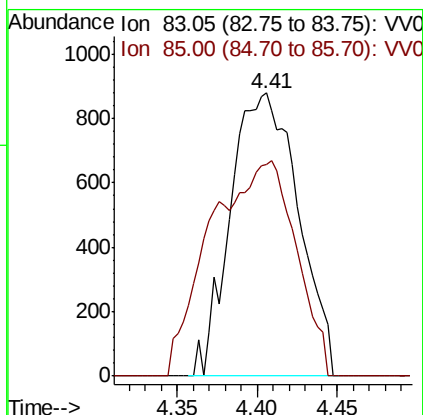
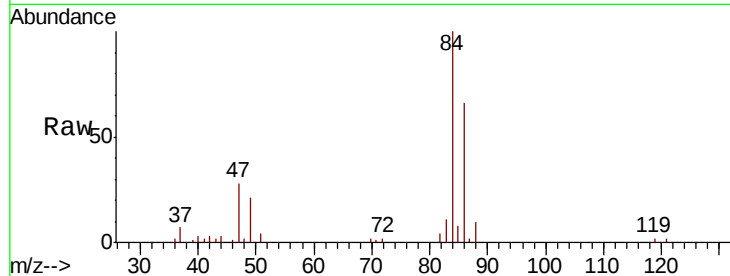




#25
Chloroform
Concen: 0.141 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016176.D
Acq: 22 May 2020 17:23

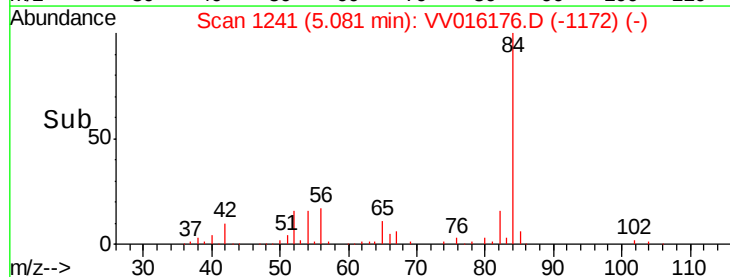
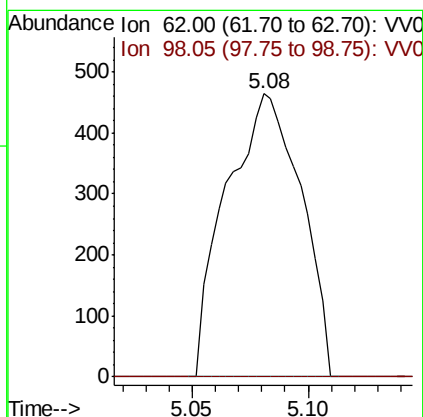
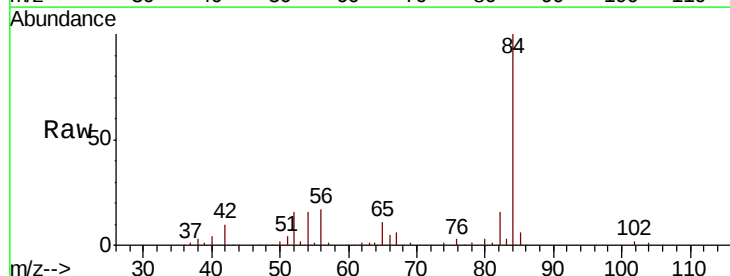
Instrument :
MSVOA_V
ClientSampleId :

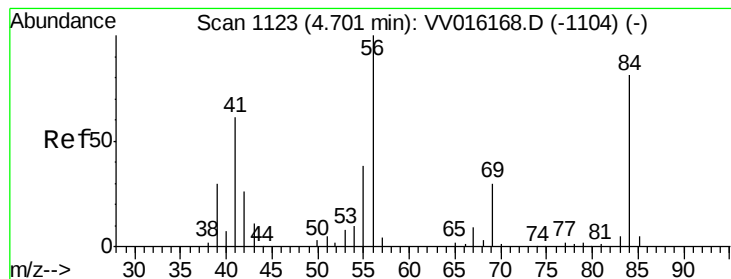
Tot Ion: 83 Resp: 2560
Ion Ratio Lower Upper
83 100
85 74.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV016176.D
Acq: 22 May 2020 17:23

Tgt Ion: 62 Resp: 1040
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#30

Cyclohexane

Concen: 0.412 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV016176.D

Acq: 22 May 2020 17:23

Instrument :
MSVOA_V
ClientSampleId :

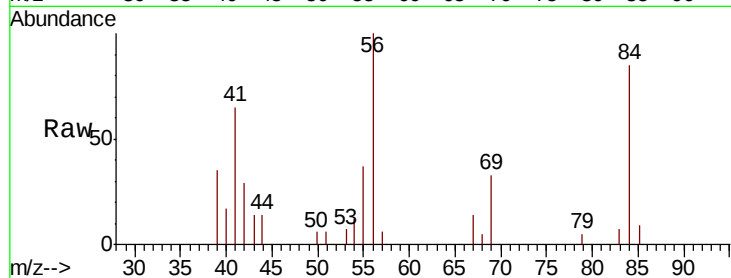
Tot Ion: 56 Resp: 6057

Ion Ratio Lower Upper

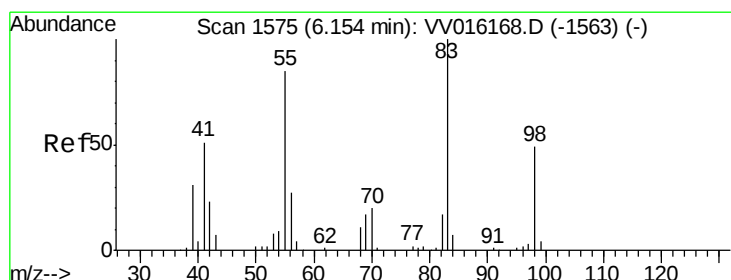
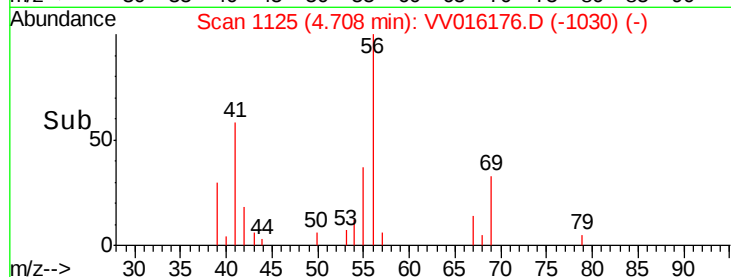
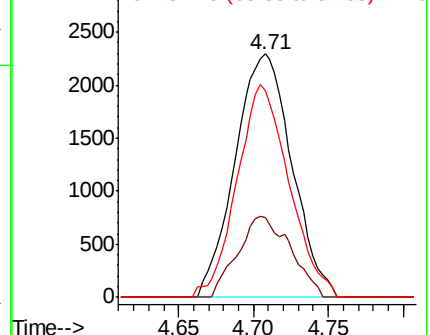
56 100

69 30.9 24.2 36.2

84 80.1 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

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016176.D

Acq: 22 May 2020 17:23

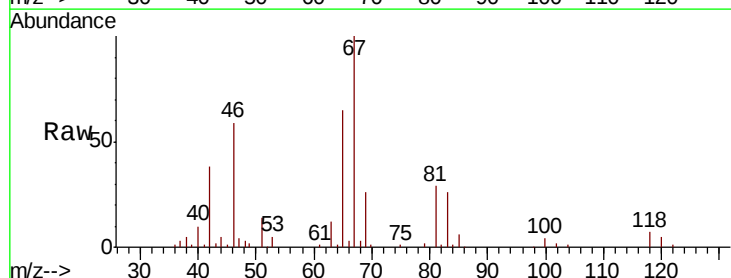
Tgt Ion: 83 Resp: 11179

Ion Ratio Lower Upper

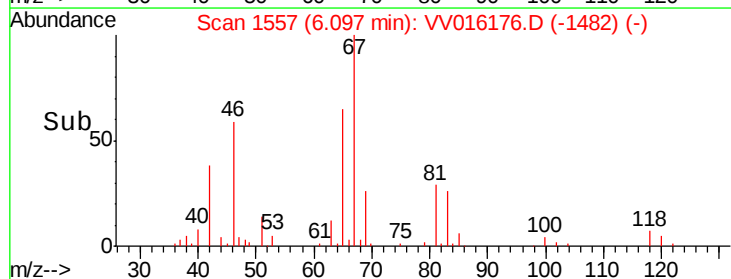
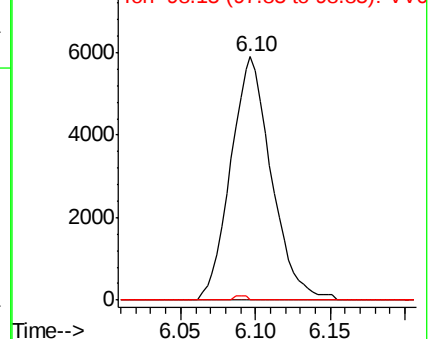
83 100

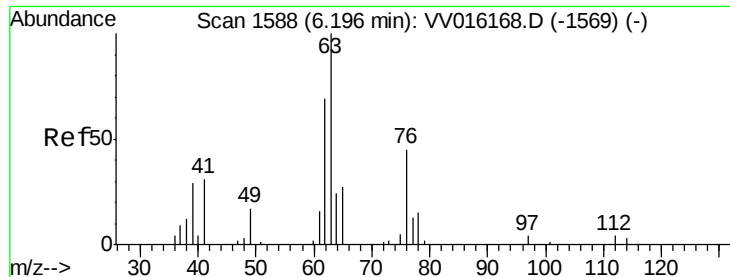
55 0.0 66.2 99.2#

98 0.6 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

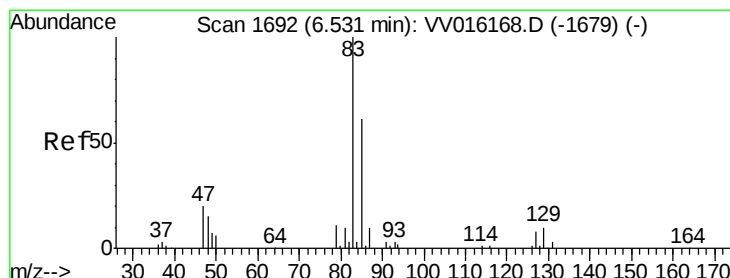
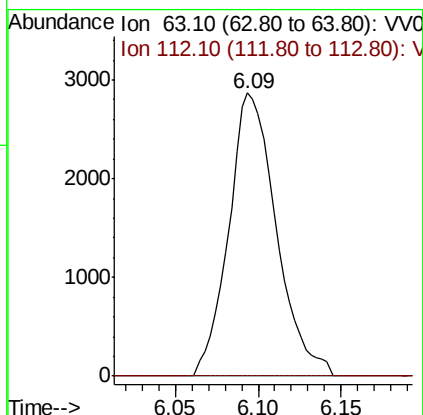
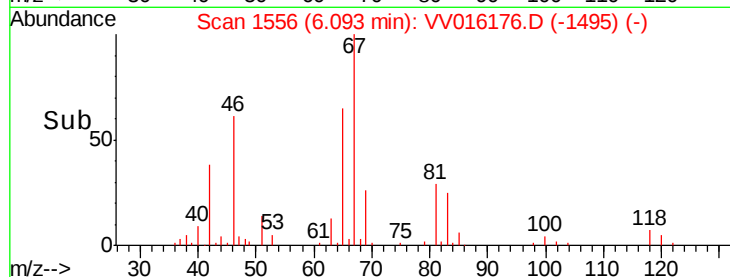
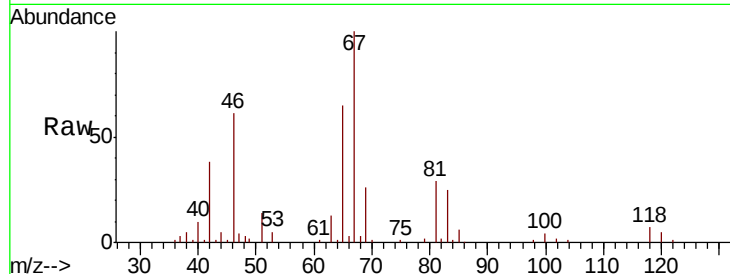




#37
 1,2-Dichloropropane
 Concen: 0.673 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016176.D
 Acq: 22 May 2020 17:23

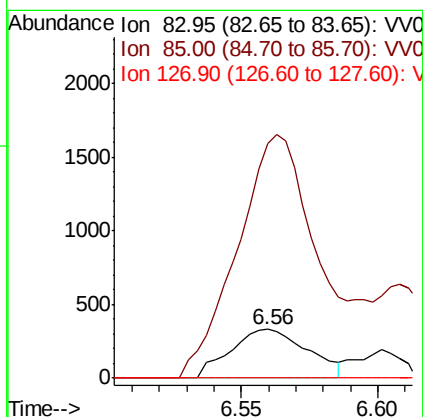
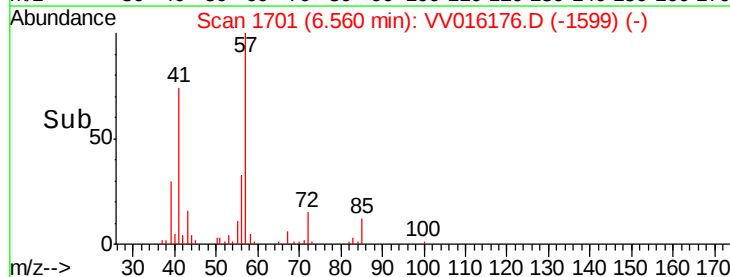
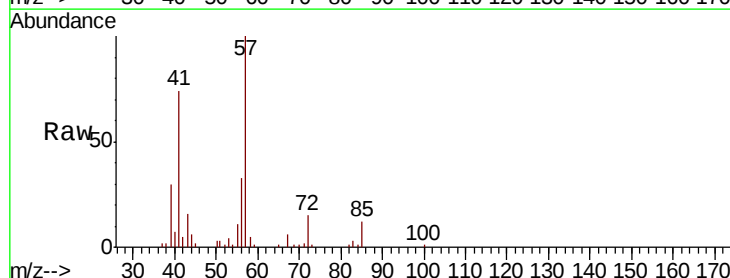
Instrument :
 MSVOA_V
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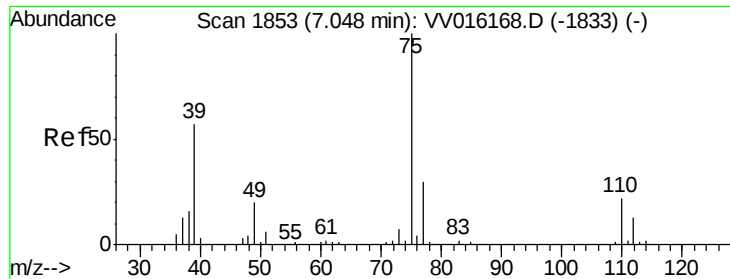
Tot Ion: 63 Resp: 5724
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.060 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. 0.03 min
 Lab File: VV016176.D
 Acq: 22 May 2020 17:23

Tgt Ion: 83 Resp: 650
 Ion Ratio Lower Upper
 83 100
 85 484.8 45.5 84.5#
 127 0.0 6.2 9.4#

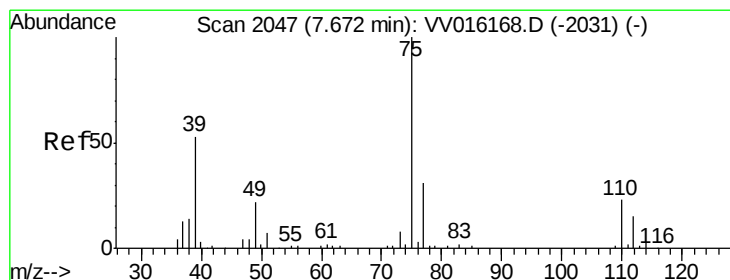
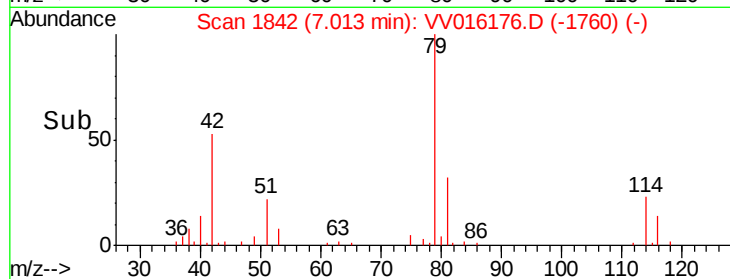
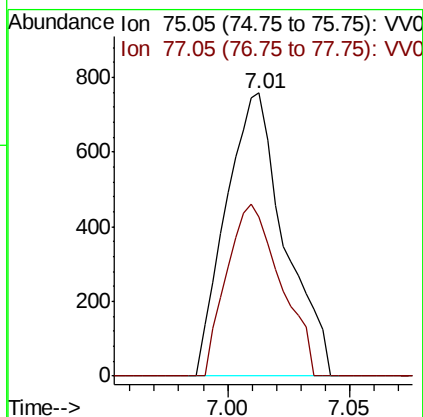
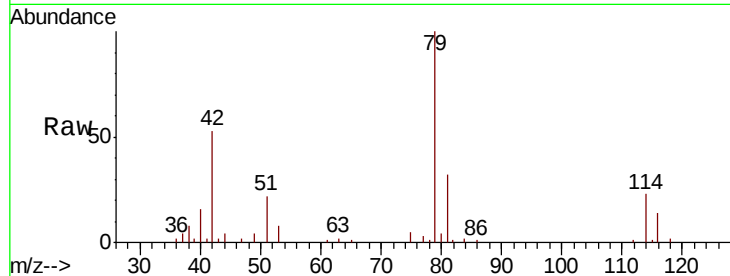




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016176.D
 Acq: 22 May 2020 17:23

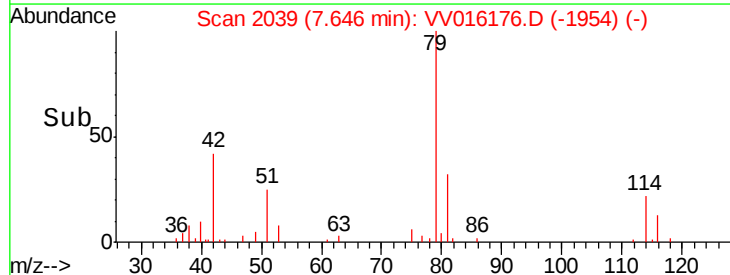
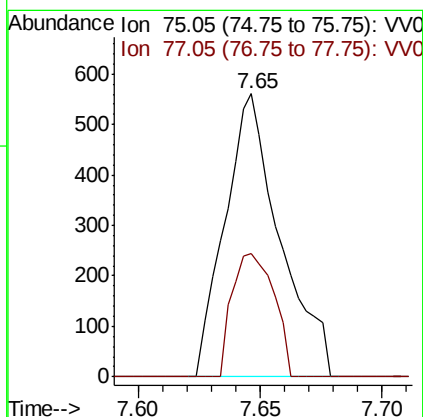
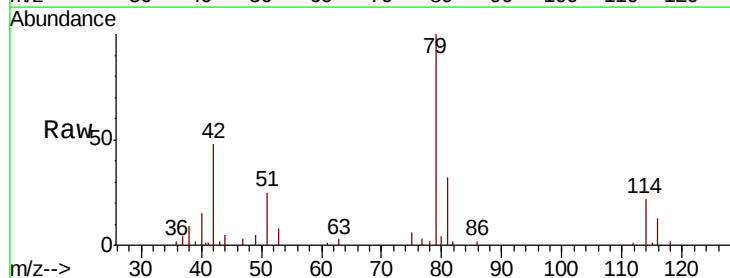
Instrument :
 MSVOA_V
 ClientSampleId :

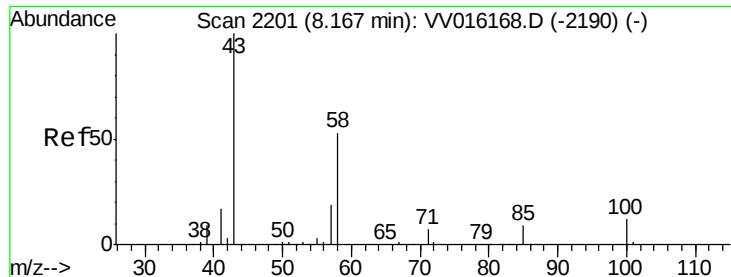
Tot Ion: 75 Resp: 1264
 Ion Ratio Lower Upper
 75 100
 77 56.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016176.D
 Acq: 22 May 2020 17:23

Tgt Ion: 75 Resp: 877
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.3 39.6#

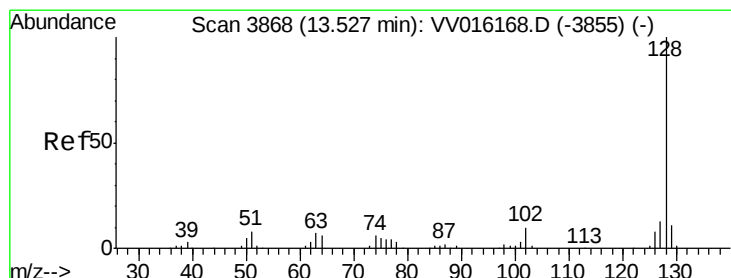
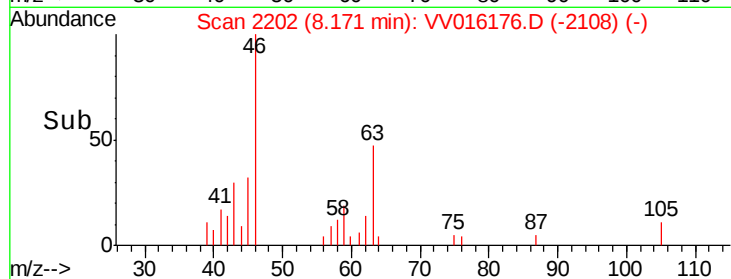
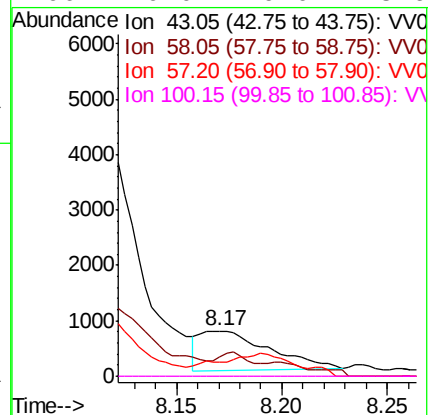
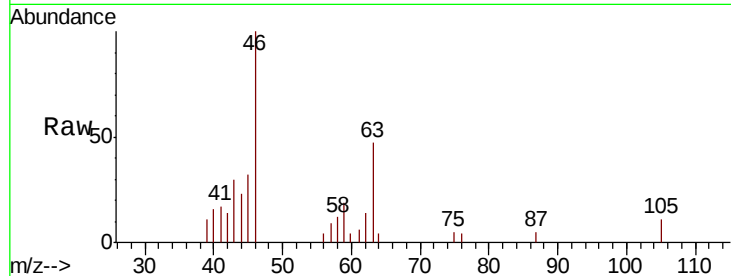




#50
2-Hexanone
Concen: 0.432 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.00 min
Lab File: VV016176.D
Acq: 22 May 2020 17:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 10.5 40.8 61.2#
57 14.3 14.7 22.1#
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 6.240 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016176.D
Acq: 22 May 2020 17:23

Tgt Ion: 128 Resp: 105267
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.1 10.2 15.2

