

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016160.D
 Acq On : 21 May 2020 17:46
 Operator : SY/MD
 Sample : L2731-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:57:21 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	137327	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131794	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28714	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	32996	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	53979	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.94	46	89654	42.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.38	84	80369	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	42383	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.08	84	154269	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	48627	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	134065	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	13793	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
48) 2-Hexanone-d5	8.12	63	67350	40.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30794	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	49457	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

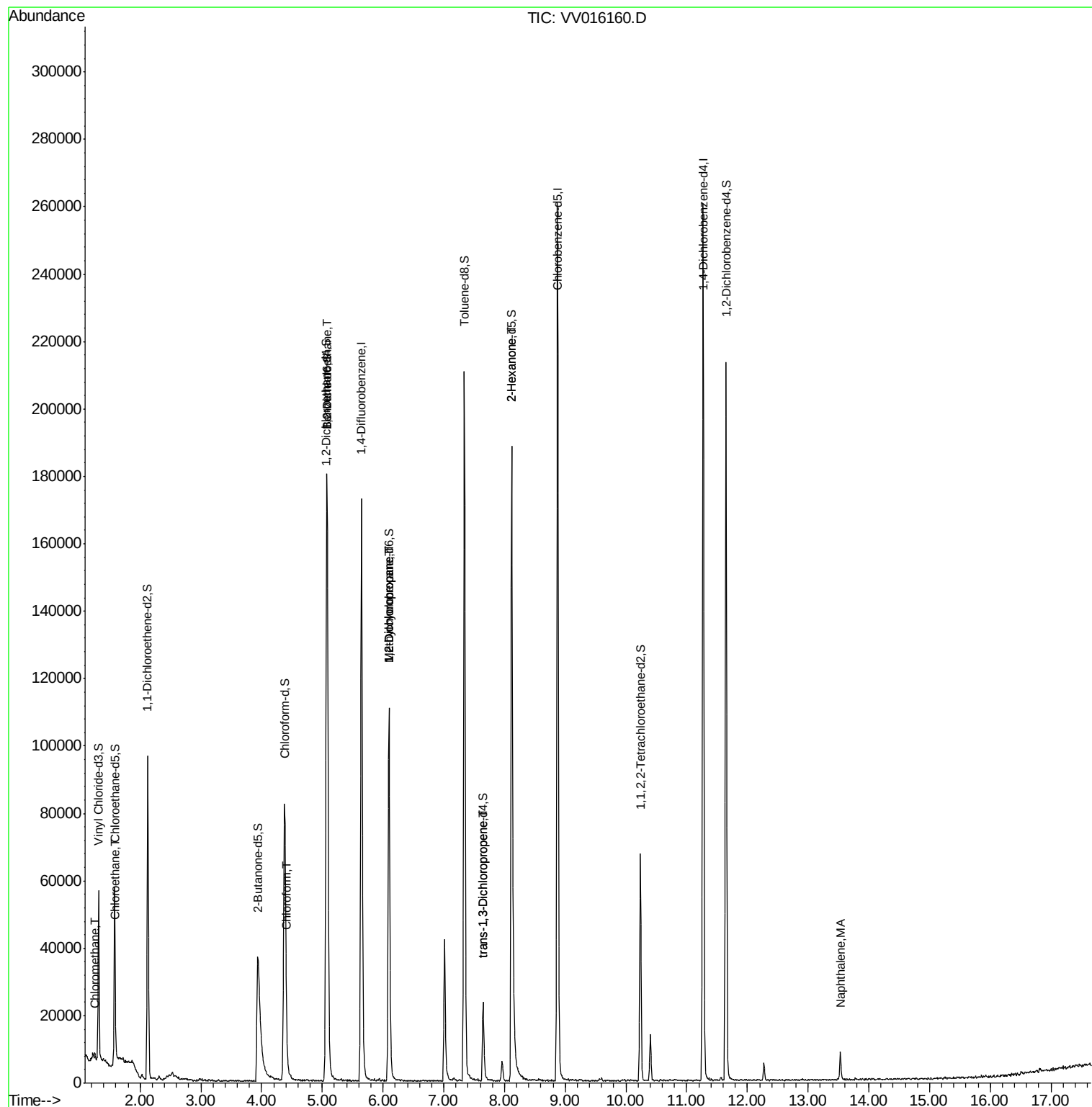
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	854	0.080	ug/L	89
8) Chloroethane	1.60	64	2050	0.282	ug/L #	59
25) Chloroform	4.41	83	2869	0.162	ug/L	88
27) 1,2-Dichloroethane	5.08	62	1107	0.102	ug/L #	76
35) Methylcyclohexane	6.10	83	12262	0.857	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6186	0.734	ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	580	0.058	ug/L #	81
50) 2-Hexanone	8.12	43	11750	3.164	ug/L #	76
70) Naphthalene	13.53	128	6367	0.388	ug/L	99

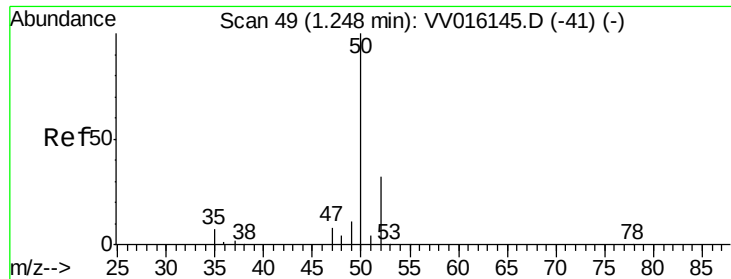
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016160.D

Acq: 21 May 2020 17:46

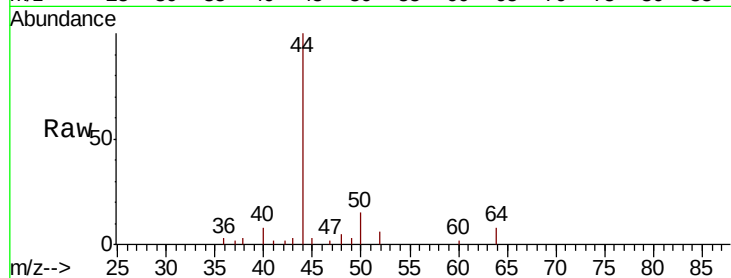
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 854

Ion Ratio Lower Upper

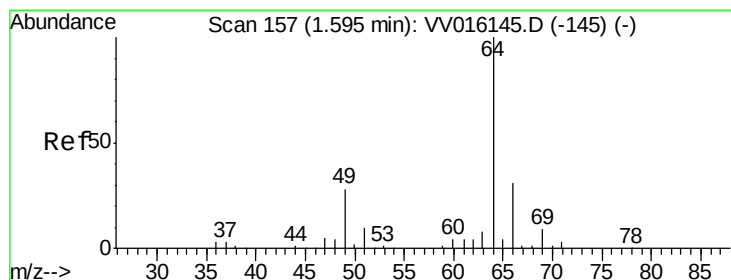
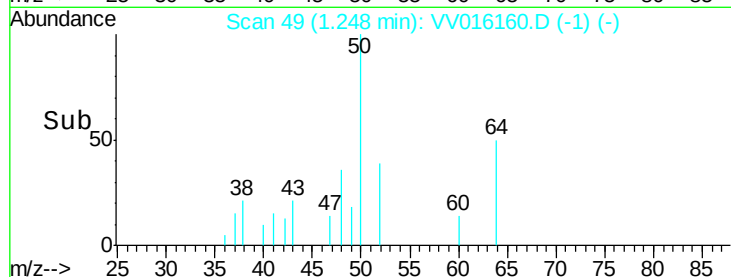
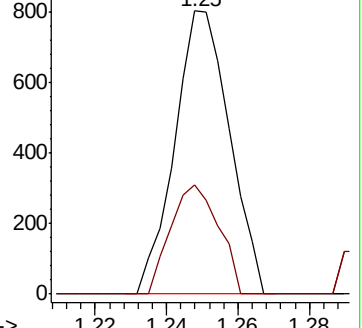
50 100

52 38.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.282 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV016160.D

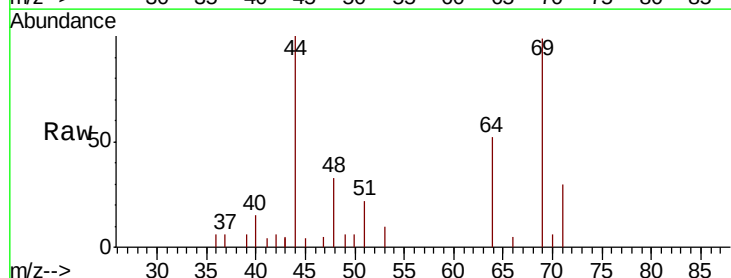
Acq: 21 May 2020 17:46

Tgt Ion: 64 Resp: 2050

Ion Ratio Lower Upper

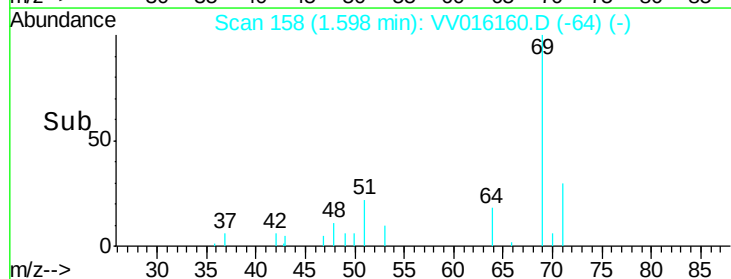
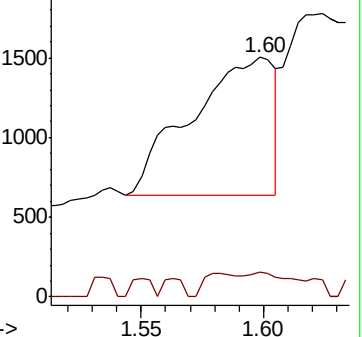
64 100

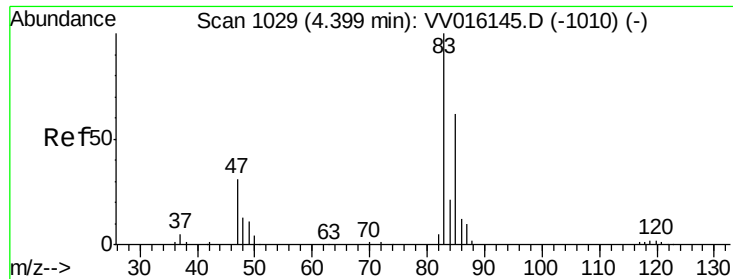
66 10.3 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

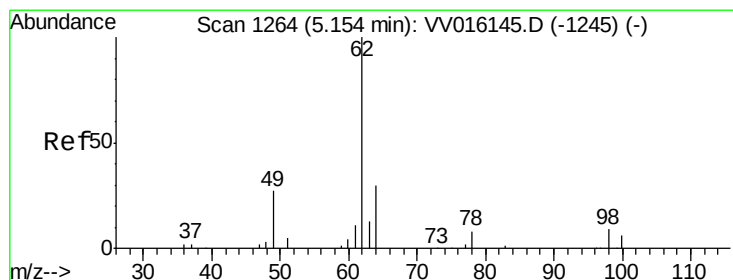
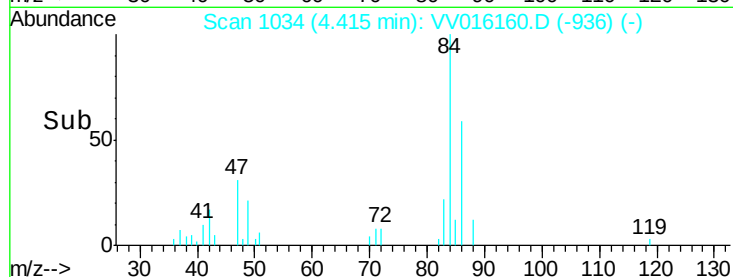
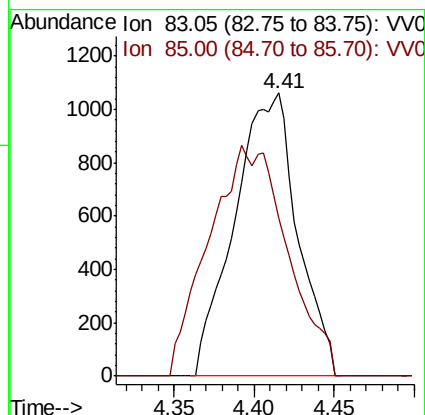
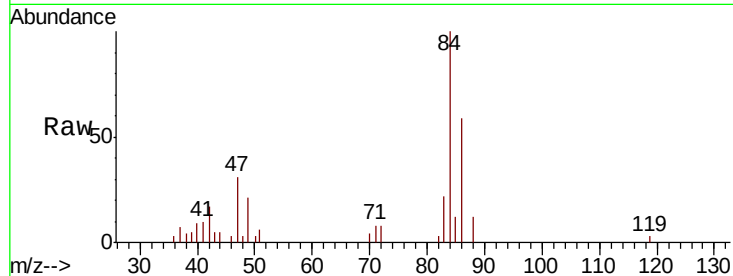




#25
Chloroform
Concen: 0.162 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. 0.02 min
Lab File: VV016160.D
Acq: 21 May 2020 17:46

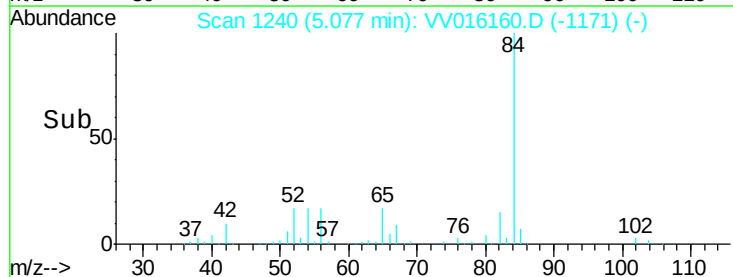
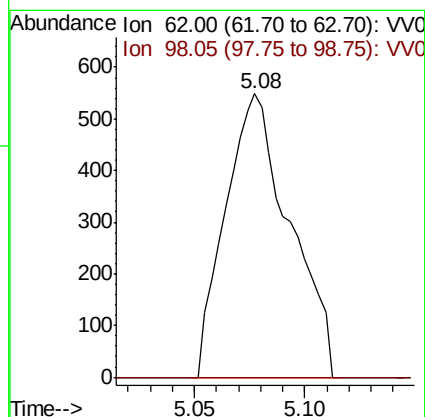
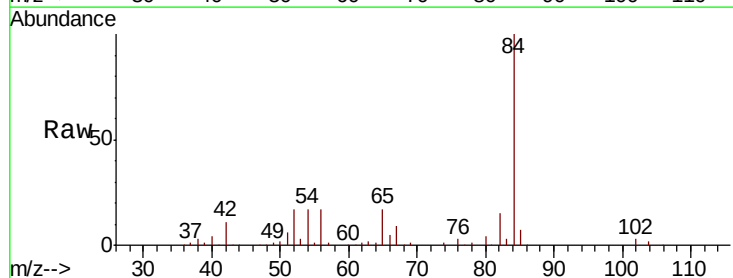
Instrument :
MSVOA_V
ClientSampleId :

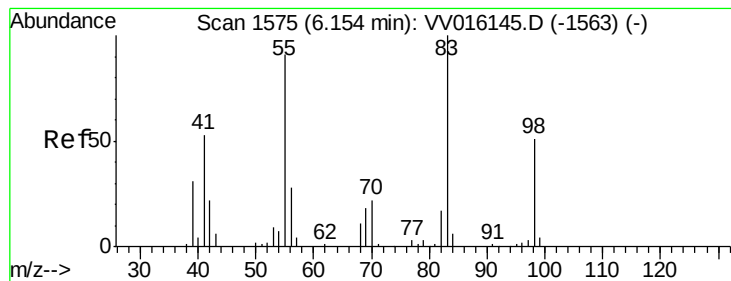
Tot Ion: 83 Resp: 2869
Ion Ratio Lower Upper
83 100
85 56.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.102 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016160.D
Acq: 21 May 2020 17:46

Tgt Ion: 62 Resp: 1107
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#35

Methylvlcyclohexane

Concen: 0.857 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

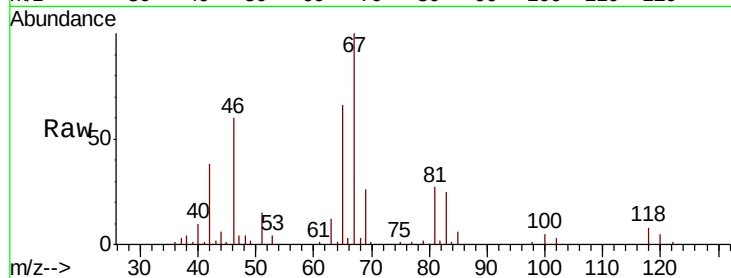
Lab File: VV016160.D

Acq: 21 May 2020 17:46

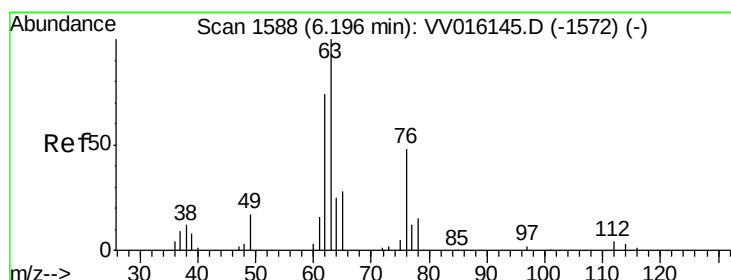
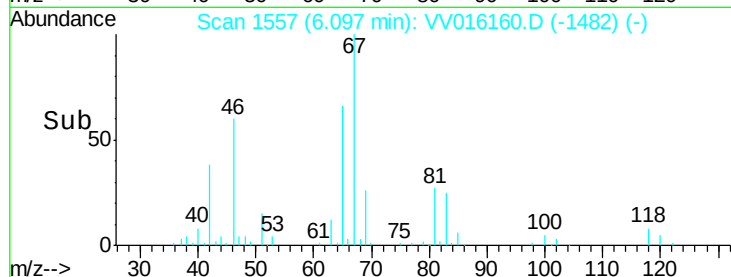
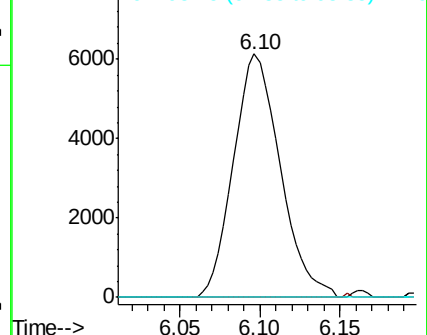
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12262

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.2	99.2#
98	0.4	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: 0.734 ug/L

RT: 6.10 min Scan# 1557

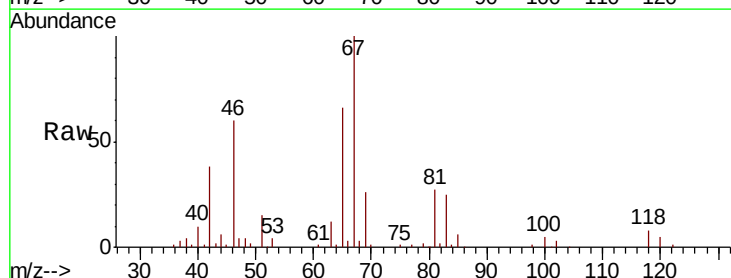
Delta R.T. -0.10 min

Lab File: VV016160.D

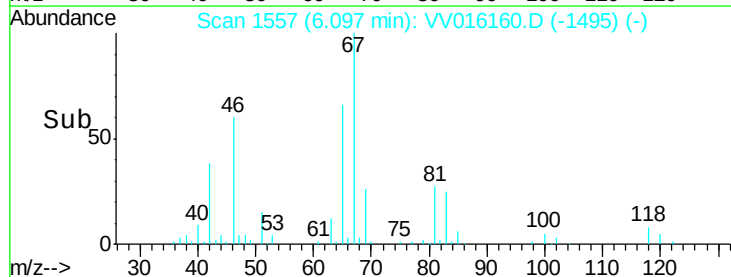
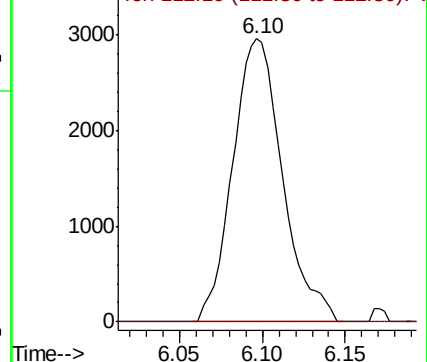
Acq: 21 May 2020 17:46

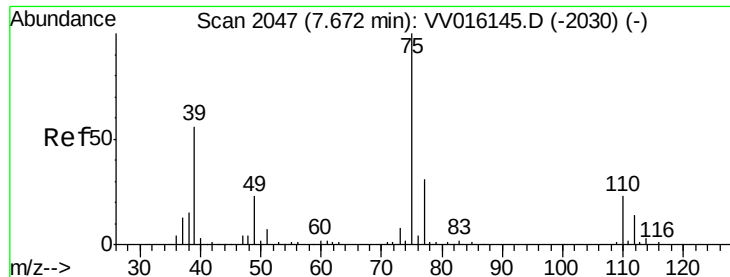
Tgt Ion: 63 Resp: 6186

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





#46

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016160.D

Acq: 21 May 2020 17:46

Instrument :

MSVOA_V

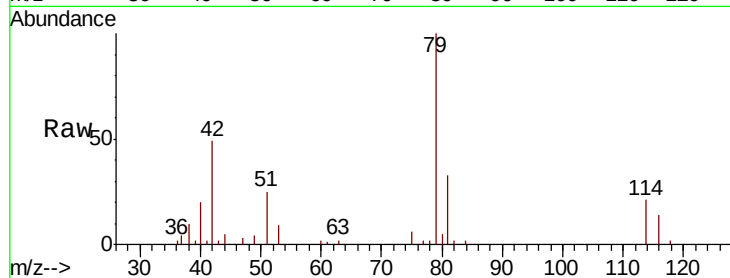
ClientSampleId :

Tot Ion: 75 Resp: 580

Ion Ratio Lower Upper

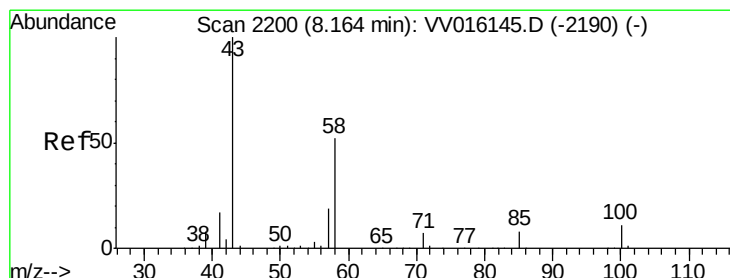
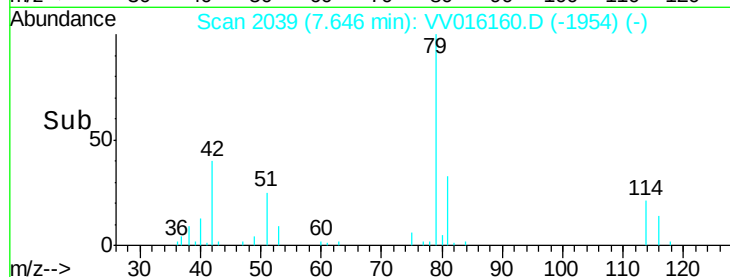
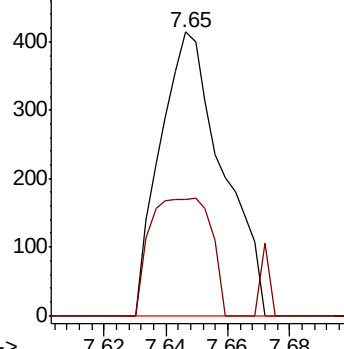
75 100

77 40.8 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 3.164 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016160.D

Acq: 21 May 2020 17:46

Tgt Ion: 43 Resp: 11750

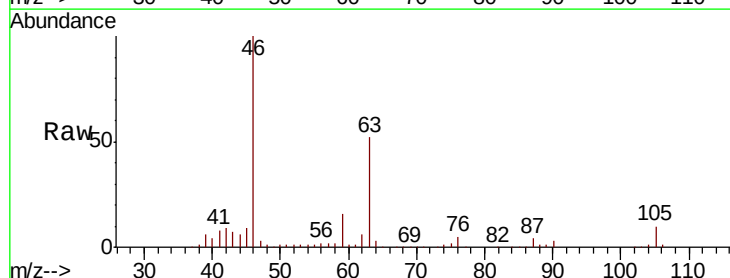
Ion Ratio Lower Upper

43 100

58 31.5 40.8 61.2#

57 21.7 14.7 22.1

100 0.0 9.0 13.6#

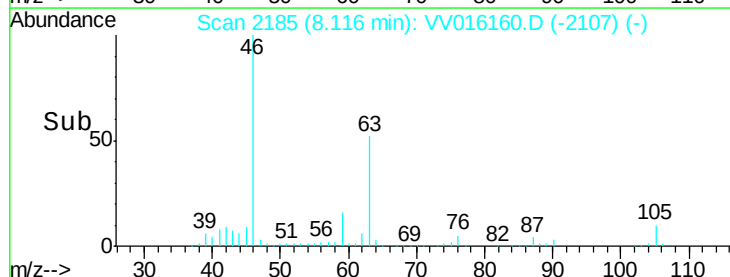
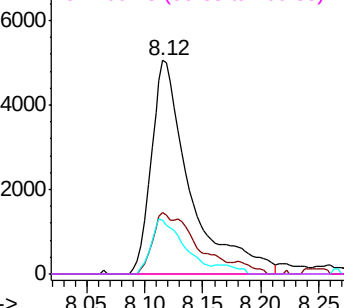


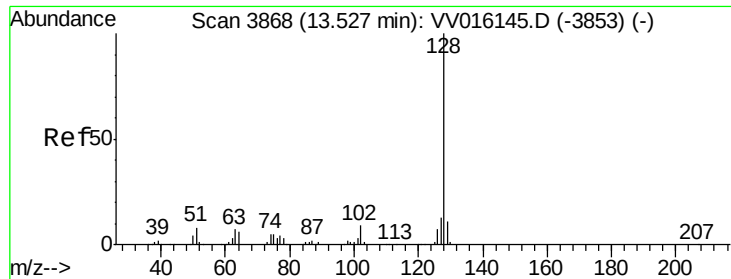
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#70

Naphthalene

Concen: 0.388 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

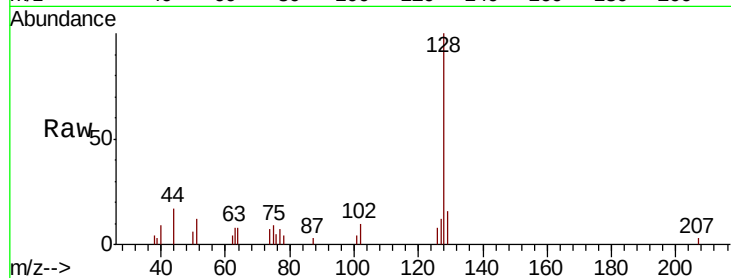
Lab File: VV016160.D

Acq: 21 May 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 6367

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.3 10.2 15.2

