

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016283.D
 Acq On : 28 May 2020 17:47
 Operator : SY/MD
 Sample : L2737-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	82011	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81821	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36236	5.00	ug/L	0.00

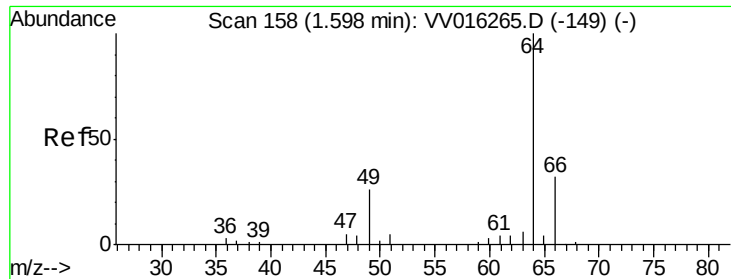
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20634	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	20326	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.12	63	31261	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.94	46	67796	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.38	84	46158	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	25930	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	89775	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.10	67	27888	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.34	98	77894	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.65	79	8980	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	8.12	63	47357	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20082	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	28541	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.58	64	1497	0.373	ug/L #	62
13) Acetone	2.21	43	4087	5.054	ug/L	99
14) Carbon disulfide	2.31	76	4573	0.305	ug/L	100
15) Methyl Acetate	2.47	43	542	0.262	ug/L #	53
25) Chloroform	4.40	83	1604	0.151	ug/L	86
27) 1,2-Dichloroethane	5.07	62	311	0.045	ug/L #	79
35) Methylcyclohexane	6.09	83	6593	0.637	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3400	0.589	ug/L #	88
42) Toluene	7.42	91	5198	0.202	ug/L	94
46) trans-1,3-Dichloropropene	7.65	75	435	0.064	ug/L	86
70) Naphthalene	13.53	128	6750	0.450	ug/L	99

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



#8

Chloroethane

Concen: 0.373 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV016283.D

Acq: 28 May 2020 17:47

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MSVOA_V

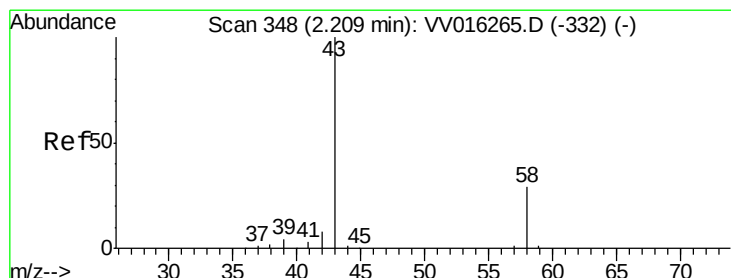
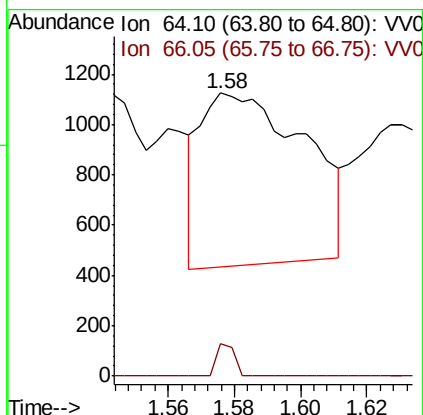
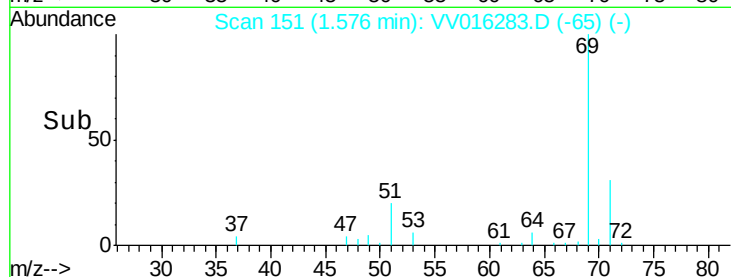
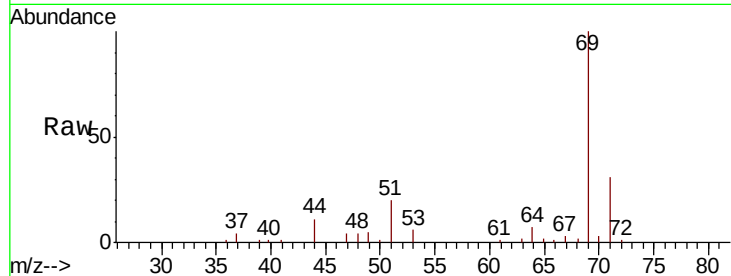
ClientSampleId :

Tot Ion: 64 Resp: 1497

Ion Ratio Lower Upper

64 100

66 11.3 22.9 42.5#



#13

Acetone

Concen: 5.054 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV016283.D

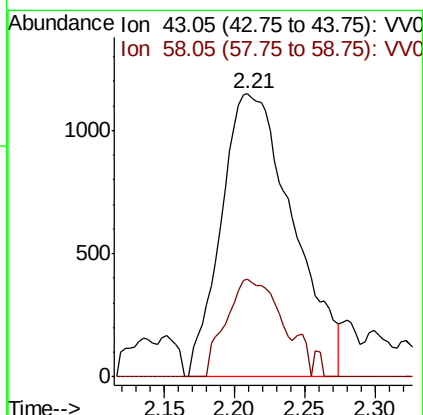
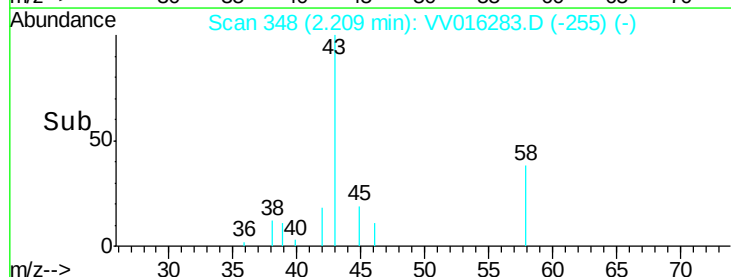
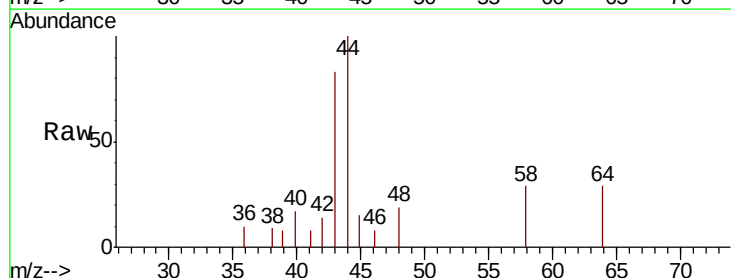
Acq: 28 May 2020 17:47

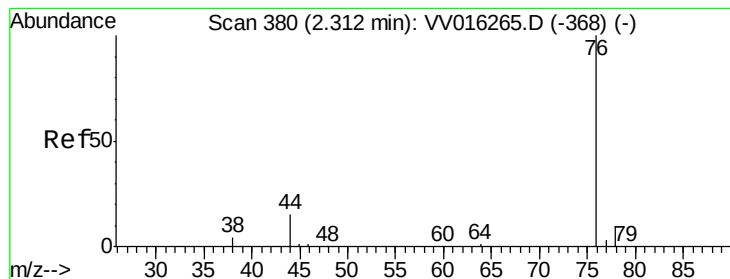
Tgt Ion: 43 Resp: 4087

Ion Ratio Lower Upper

43 100

58 25.0 0.0 48.8





#14

Carbon disulfide

Concen: 0.305 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016283.D

Acq: 28 May 2020 17:47

Instrument :

MSVOA_V

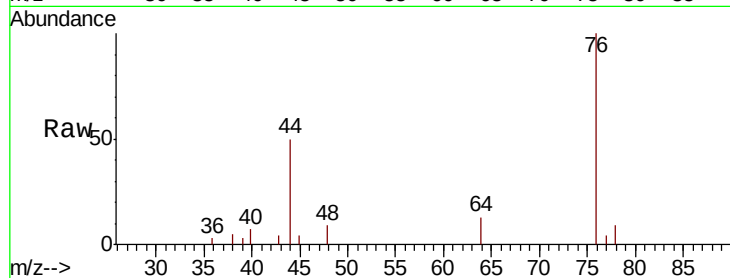
ClientSampleId :

Tot Ion: 76 Resp: 4573

Ion Ratio Lower Upper

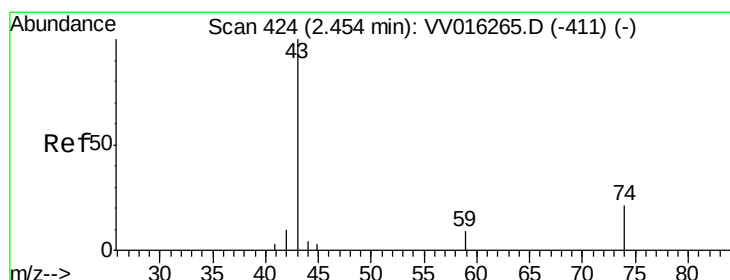
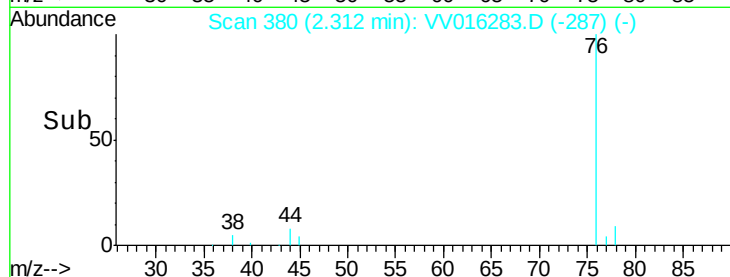
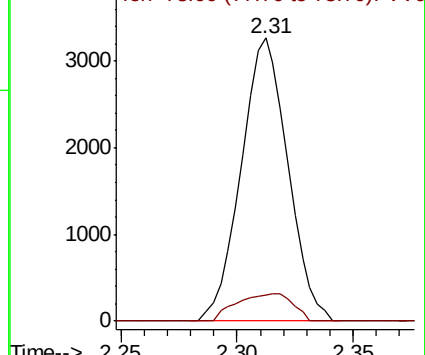
76 100

78 9.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.262 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV016283.D

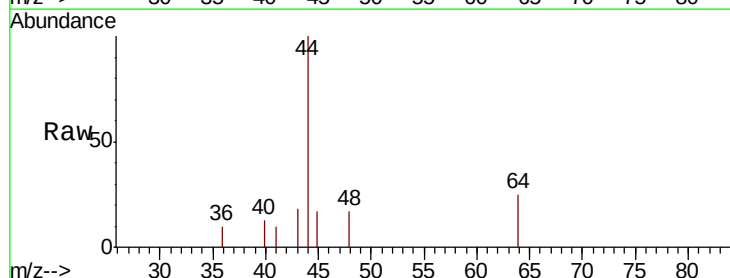
Acq: 28 May 2020 17:47

Tgt Ion: 43 Resp: 542

Ion Ratio Lower Upper

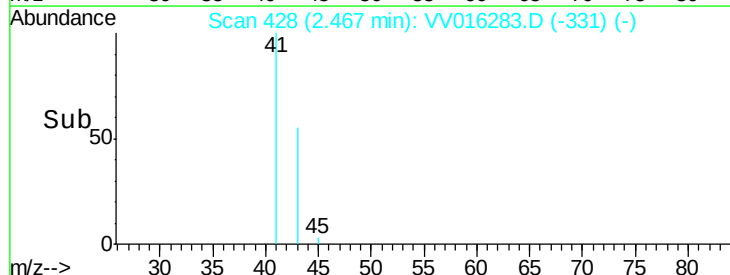
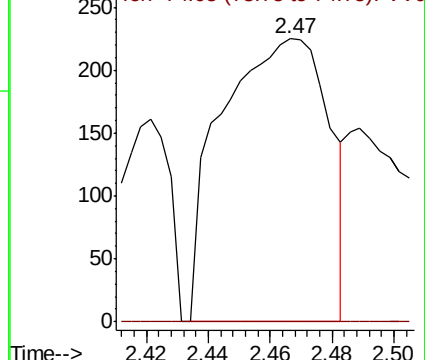
43 100

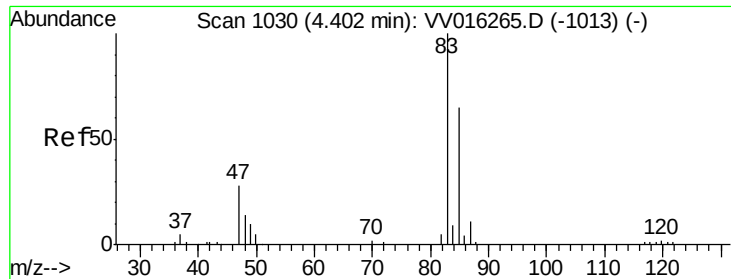
74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

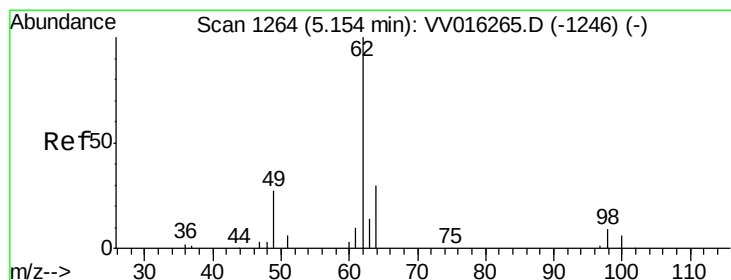
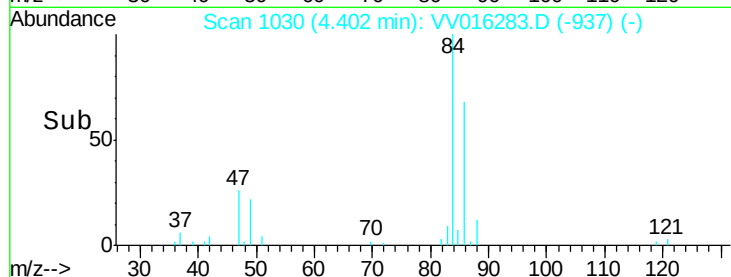
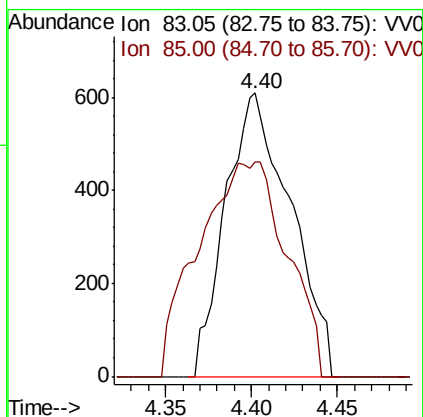
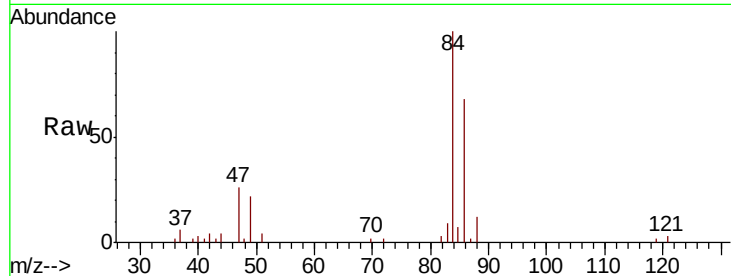




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016283.D
Acq: 28 May 2020 17:47

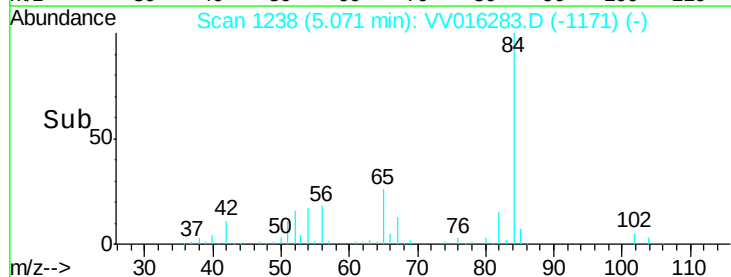
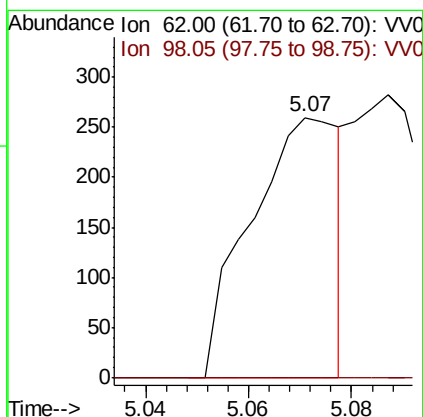
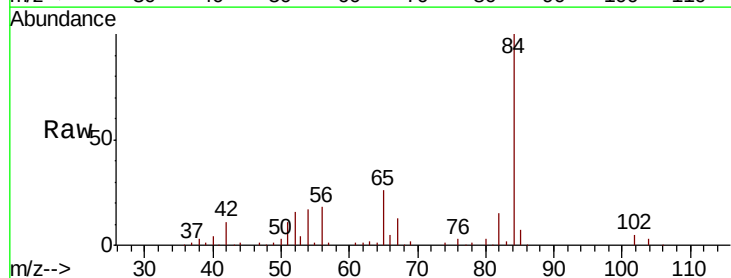
Instrument :
MSVOA_V
ClientSampleId :

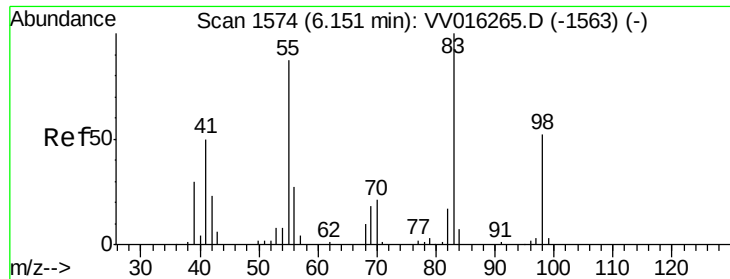
Tot Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
85 75.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.045 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV016283.D
Acq: 28 May 2020 17:47

Tgt Ion: 62 Resp: 311
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

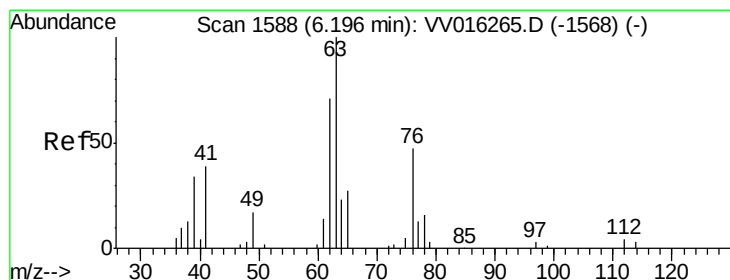
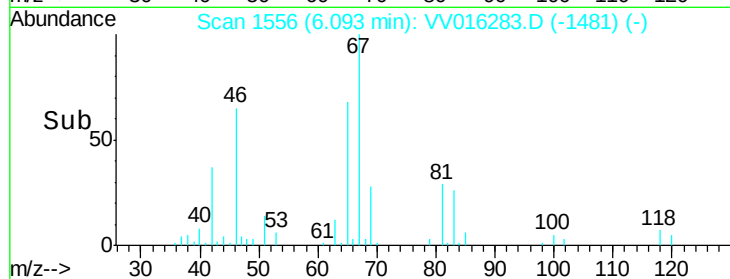
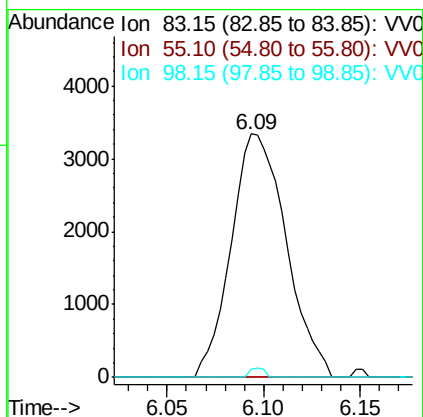
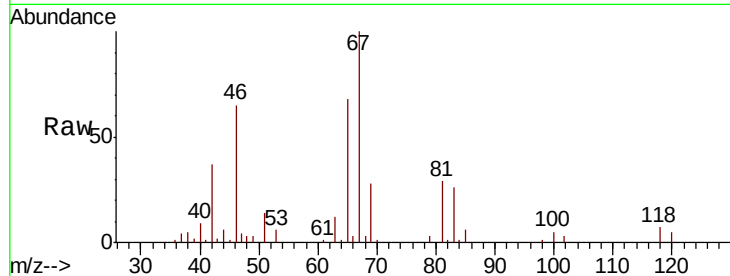




#35
Methylvlcyclohexane
Concen: 0.637 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016283.D
Acq: 28 May 2020 17:47

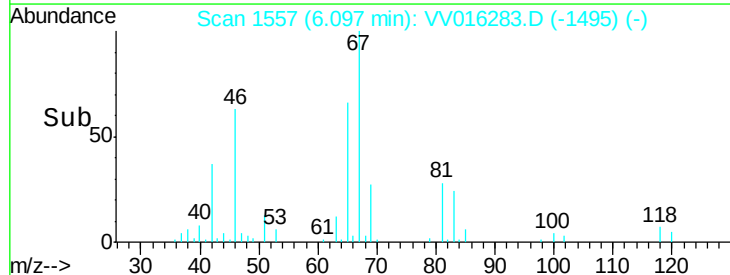
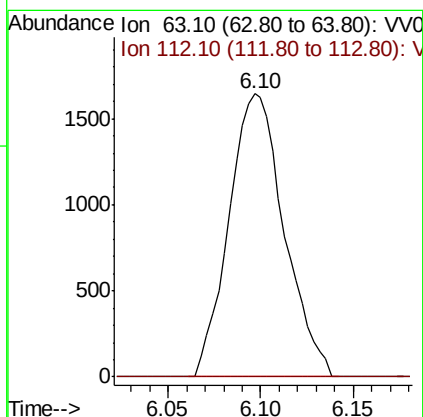
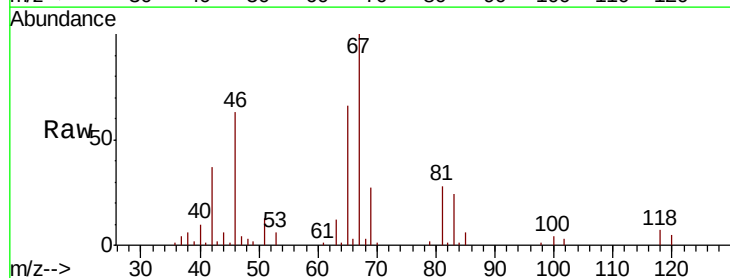
Instrument :
MSVOA_V
ClientSampleId :

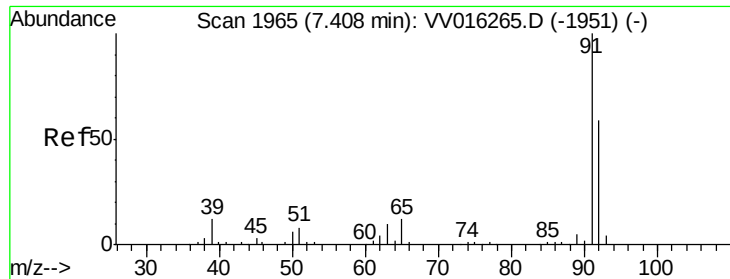
Tot Ion: 83 Resp: 6593
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 1.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016283.D
Acq: 28 May 2020 17:47

Tgt Ion: 63 Resp: 3400
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#42

Toluene

Concen: 0.202 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016283.D

Acq: 28 May 2020 17:47

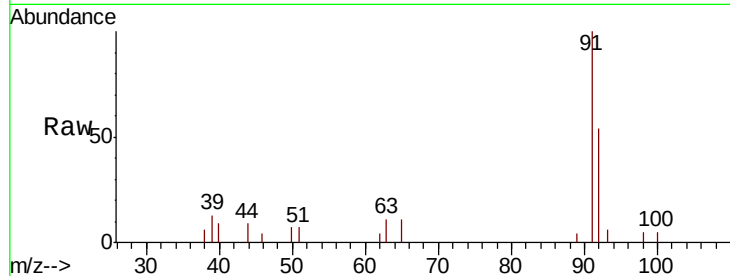
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 5198

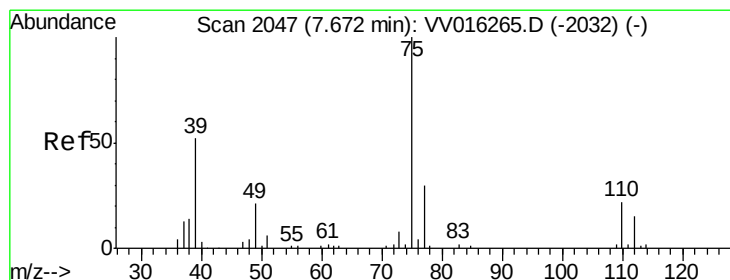
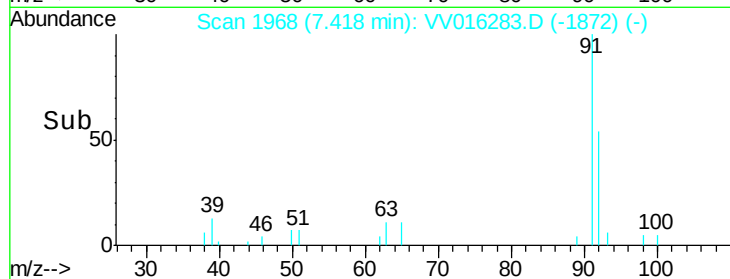
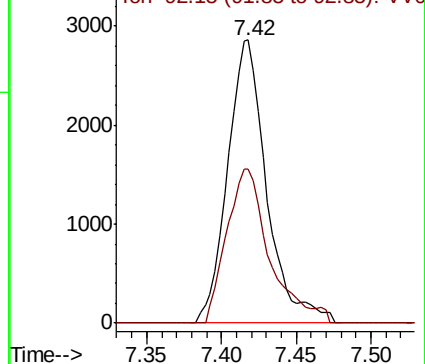
Ion Ratio Lower Upper

91 100

92 54.3 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV016283.D

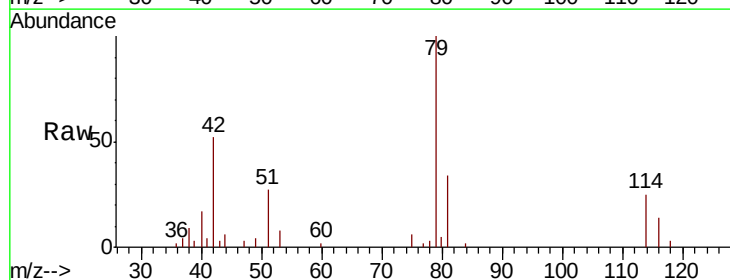
Acq: 28 May 2020 17:47

Tgt Ion: 75 Resp: 435

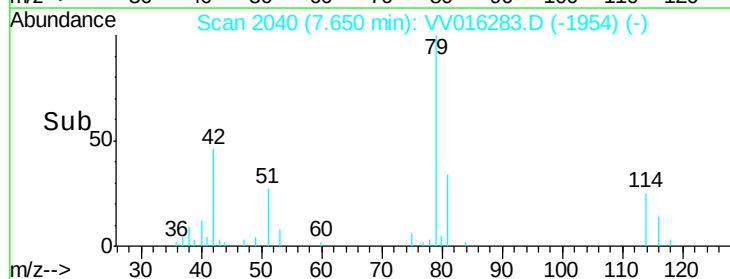
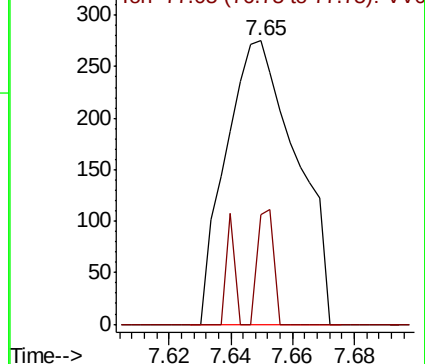
Ion Ratio Lower Upper

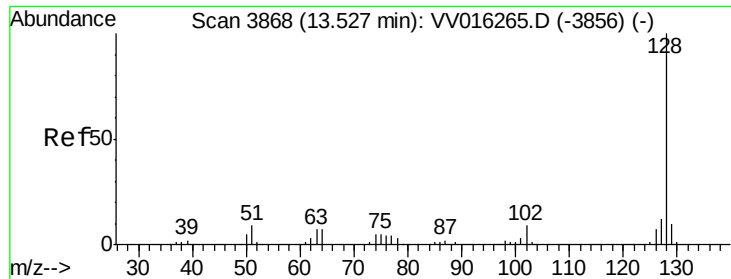
75 100

77 38.5 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#70

Naphthalene

Concen: 0.450 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016283.D

Acq: 28 May 2020 17:47

Instrument :

MSVOA_V

ClientSampleId :

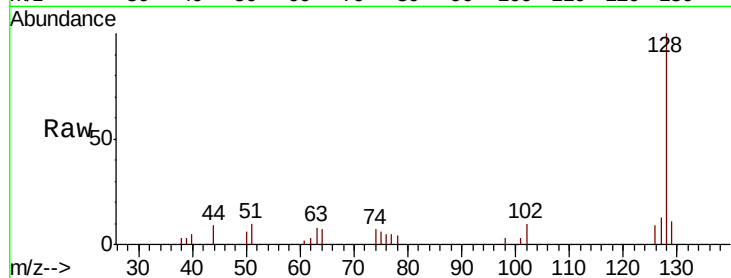
Tot Ion:128 Resp: 6750

Ion Ratio Lower Upper

128 100

129 10.1 8.6 13.0

127 13.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

