

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016258.D
 Acq On : 28 May 2020 03:48
 Operator : SY/MD
 Sample : L2766-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:38:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89935	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40684	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25430	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	24297	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	38857	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.94	46	73577	49.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	4.38	84	55622	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	30489	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.08	84	107406	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	33921	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	98522	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	10519	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	8.12	63	53412	45.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22896	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	34322	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

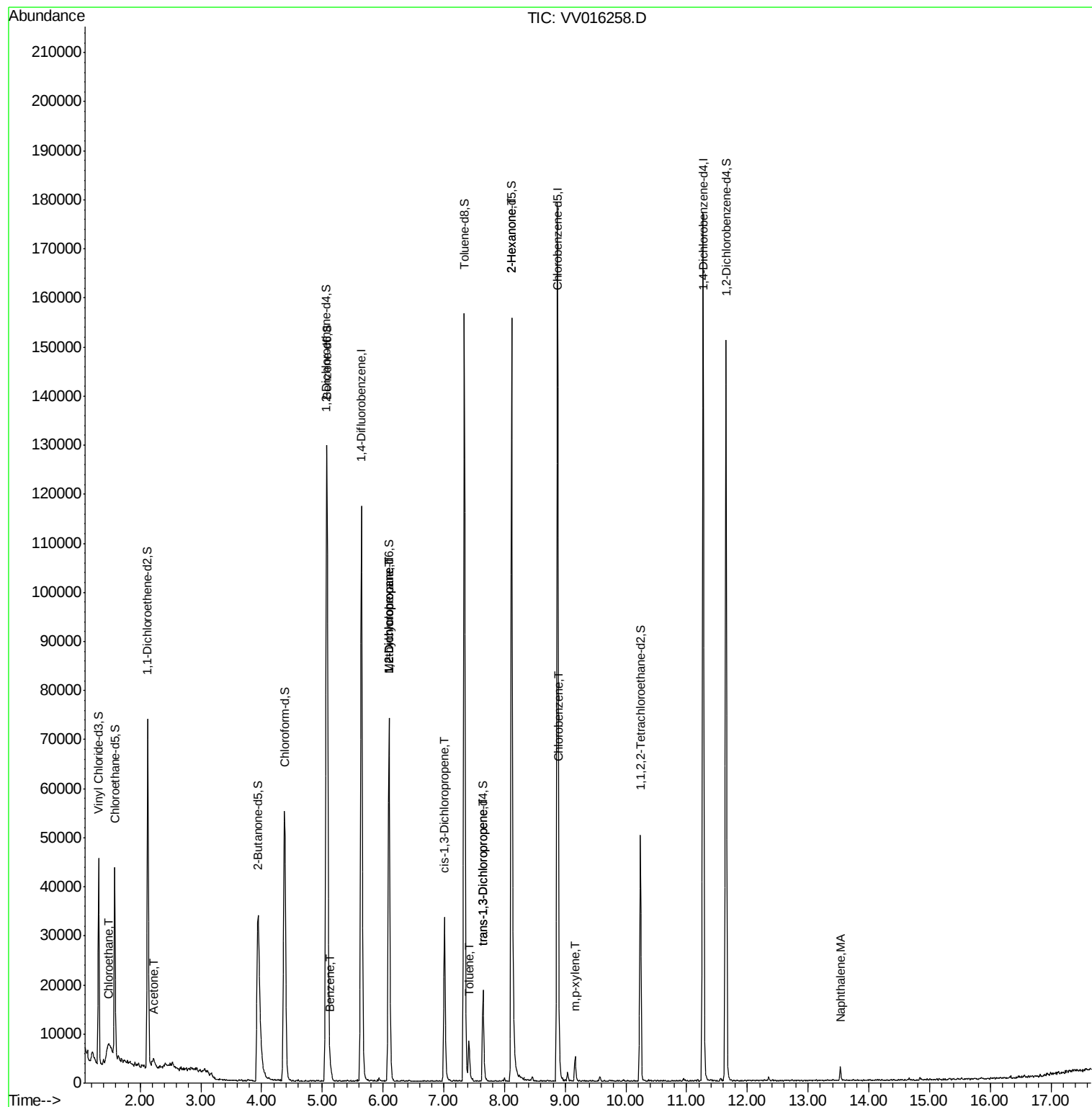
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.49	64	20411	4.454	ug/L #	52
13) Acetone	2.21	43	3213	3.479	ug/L	66
33) Benzene	5.14	78	2705	0.105	ug/L	100
35) Methylcyclohexane	6.10	83	7963	0.700	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4320	0.681	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	877	0.098	ug/L #	55
42) Toluene	7.41	91	6255	0.222	ug/L	96
46) trans-1,3-Dichloropropene	7.65	75	453	0.061	ug/L #	61
50) 2-Hexanone	8.11	43	6999	2.541	ug/L #	74
53) Chlorobenzene	8.90	112	1095	0.063	ug/L	93
55) m,p-xylene	9.16	106	1473	0.125	ug/L	89
70) Naphthalene	13.53	128	2203	0.131	ug/L	96

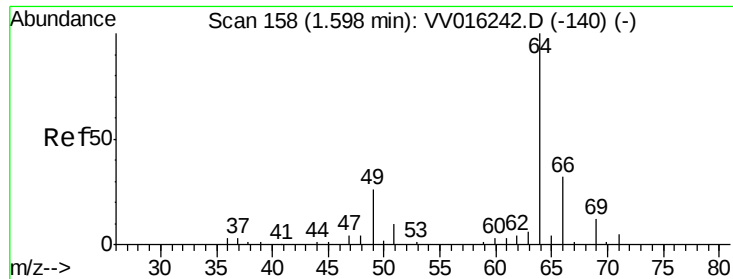
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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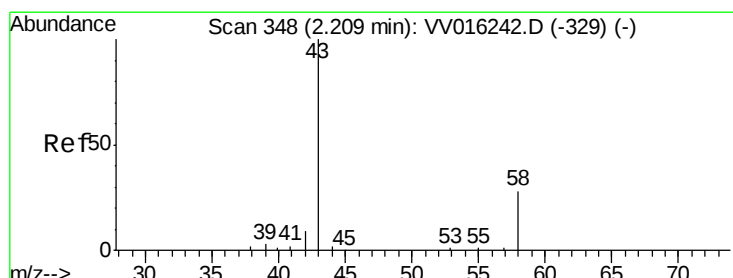
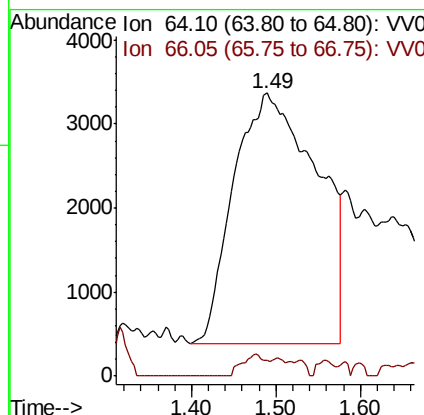
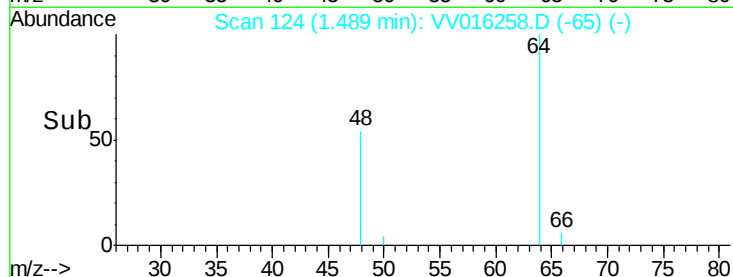
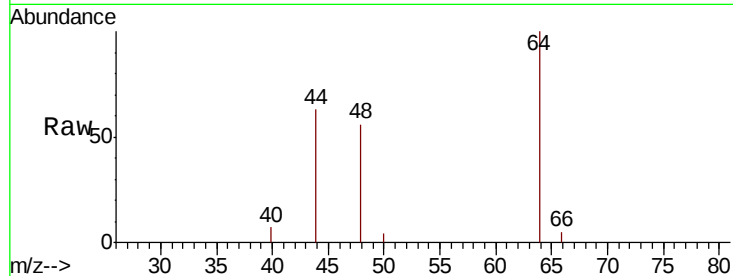




#8
 Chloroethane
 Concen: 4.454 ug/L
 RT: 1.49 min Scan# 124
 Delta R.T. -0.11 min
 Lab File: VV016258.D
 Acq: 28 May 2020 03:48

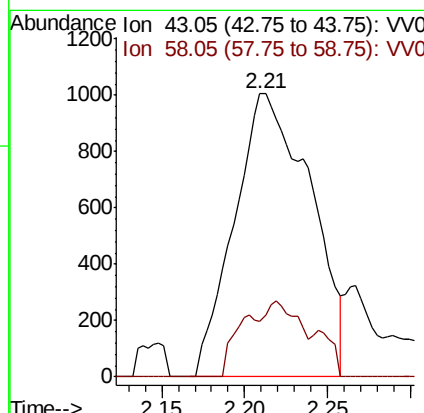
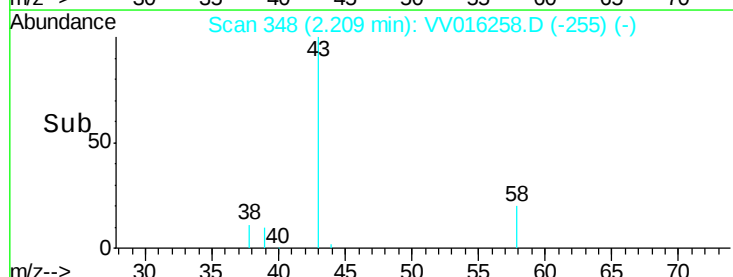
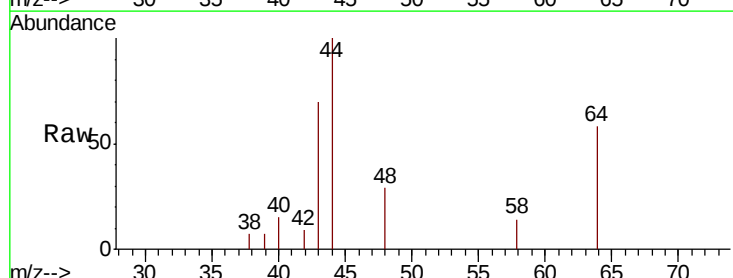
Instrument :
 MSVOA_V
 ClientSampleId :

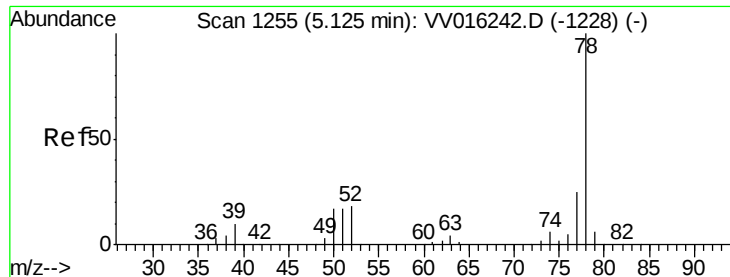
Tot Ion: 64 Resp: 20411
 Ion Ratio Lower Upper
 64 100
 66 5.4 22.9 42.5#



#13
 Acetone
 Concen: 3.479 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV016258.D
 Acq: 28 May 2020 03:48

Tgt Ion: 43 Resp: 3213
 Ion Ratio Lower Upper
 43 100
 58 7.7 0.0 48.8





#33

Benzene

Concen: 0.105 ug/L

RT: 5.14 min Scan# 1258

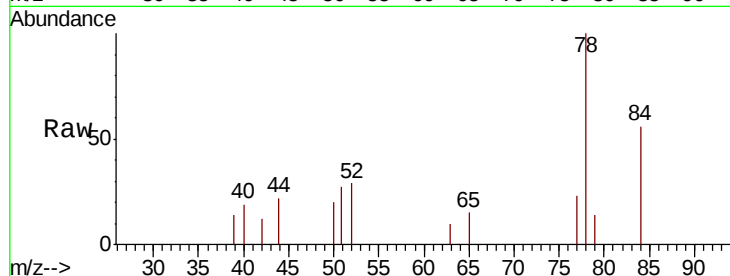
Delta R.T. 0.01 min

Lab File: VV016258.D

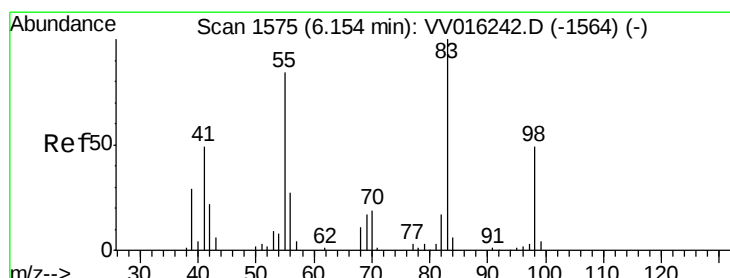
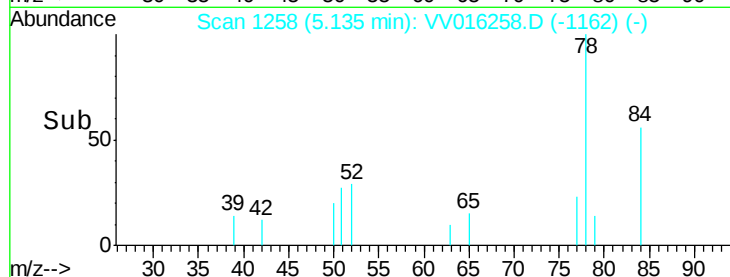
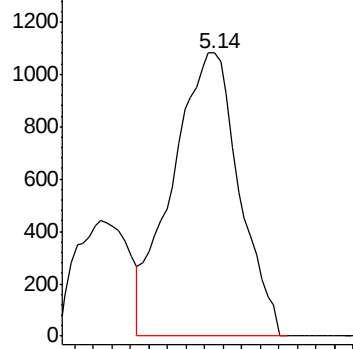
Acq: 28 May 2020 03:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 2705



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016258.D

Acq: 28 May 2020 03:48

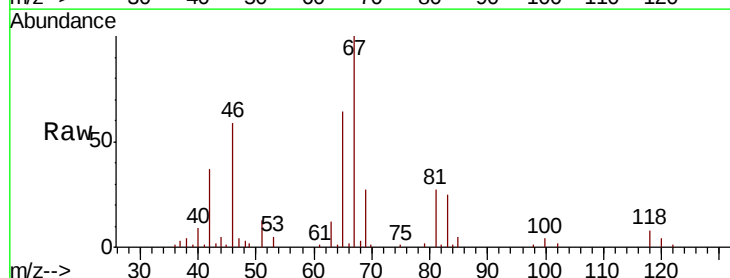
Tgt Ion: 83 Resp: 7963

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

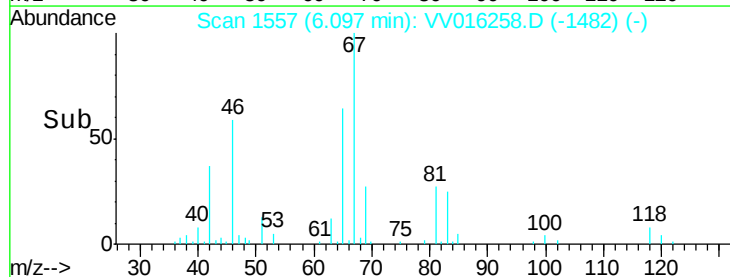
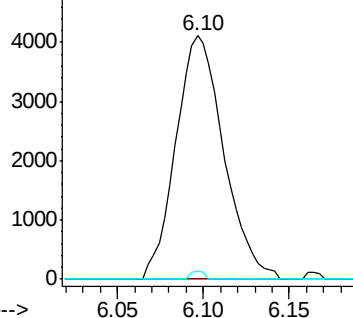
98 0.9 39.3 58.9#

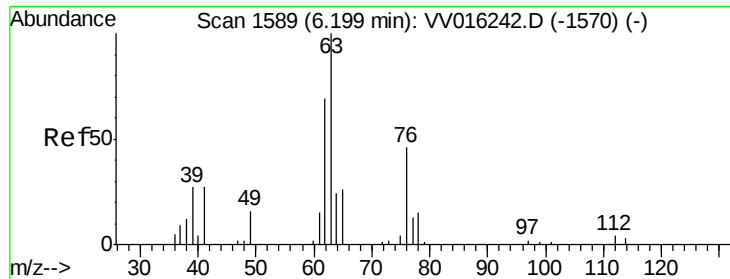


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

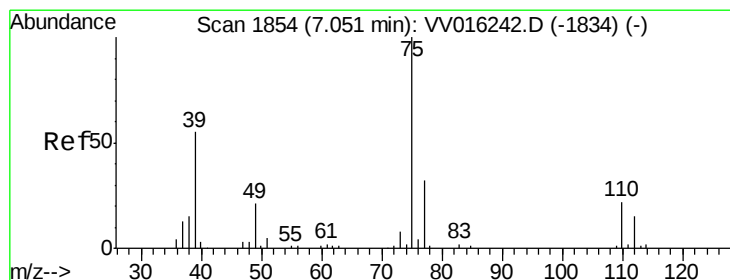
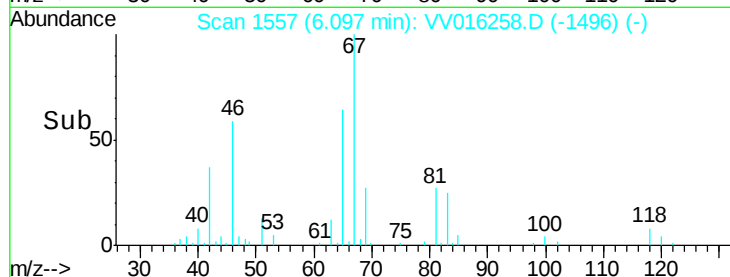
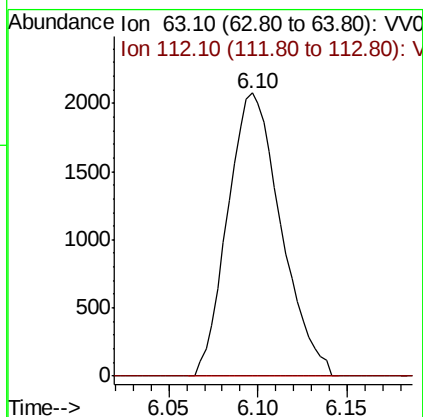
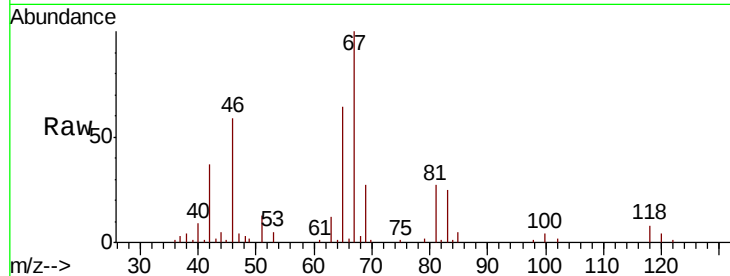




#37
 1,2-Dichloropropane
 Concen: 0.681 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016258.D
 Acq: 28 May 2020 03:48

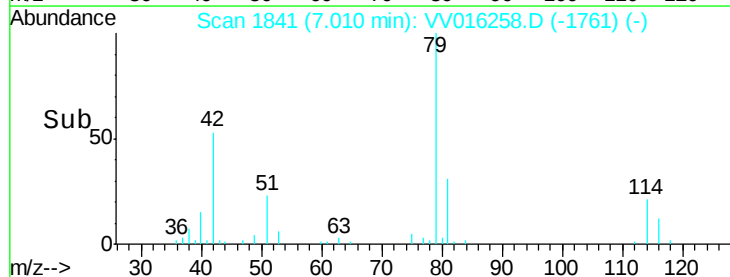
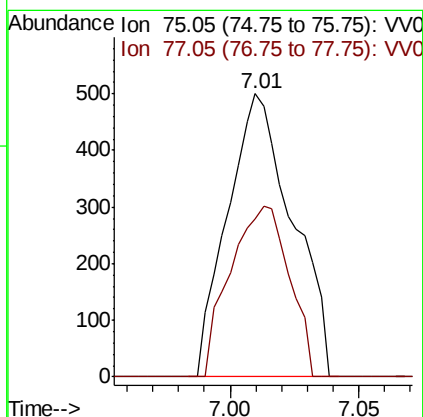
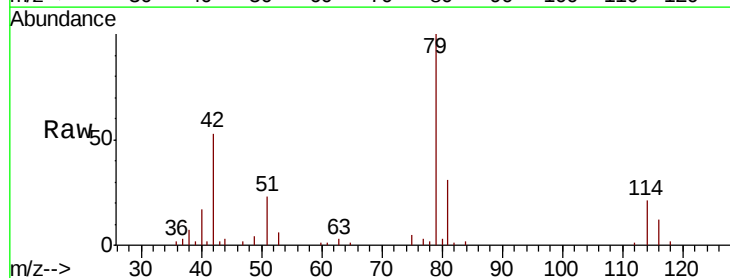
Instrument :
 MSVOA_V
 ClientSampleId :

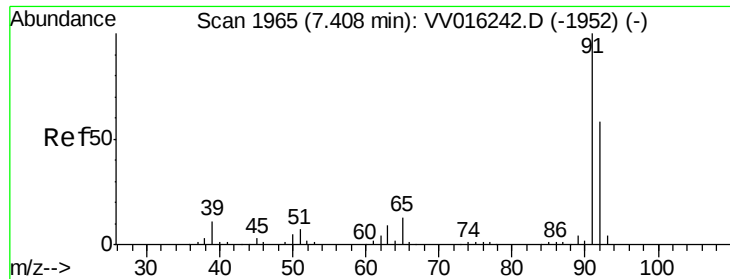
Tot Ion: 63 Resp: 4320
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016258.D
 Acq: 28 May 2020 03:48

Tgt Ion: 75 Resp: 877
 Ion Ratio Lower Upper
 75 100
 77 56.0 21.7 40.3#





#42

Toluene

Concen: 0.222 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016258.D

Acq: 28 May 2020 03:48

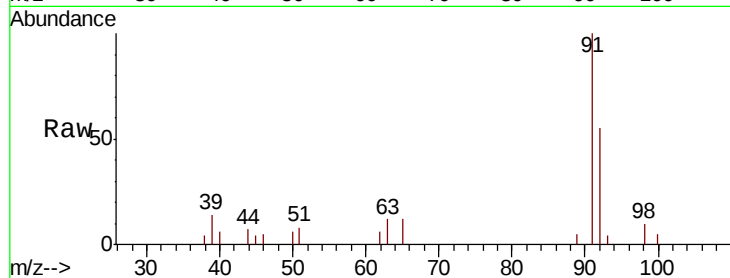
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 6255

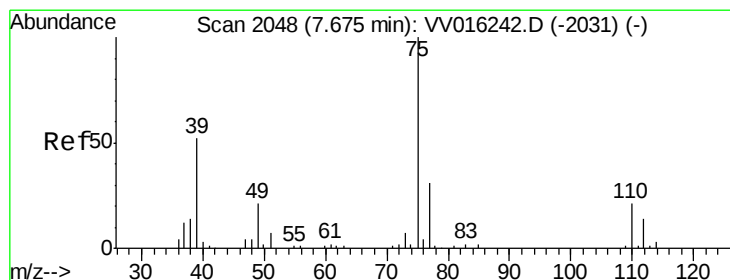
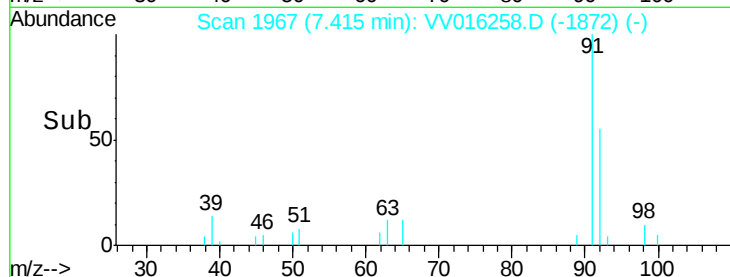
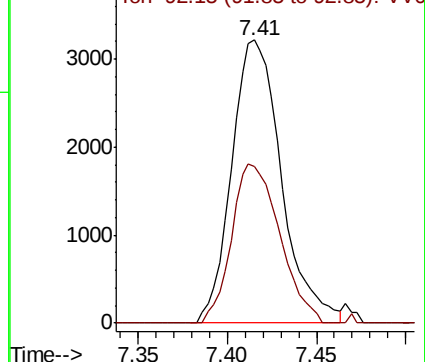
Ion Ratio Lower Upper

91 100

92 55.4 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: 0.061 ug/L

RT: 7.65 min Scan# 2041

Delta R.T. -0.02 min

Lab File: VV016258.D

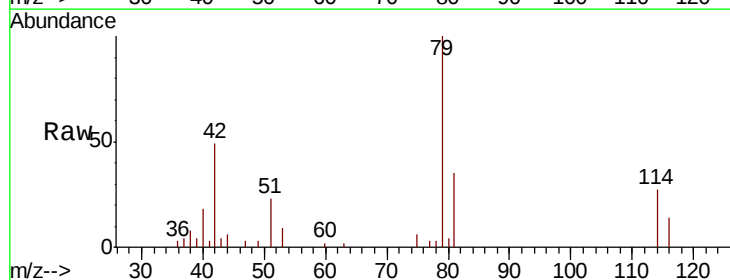
Acq: 28 May 2020 03:48

Tgt Ion: 75 Resp: 453

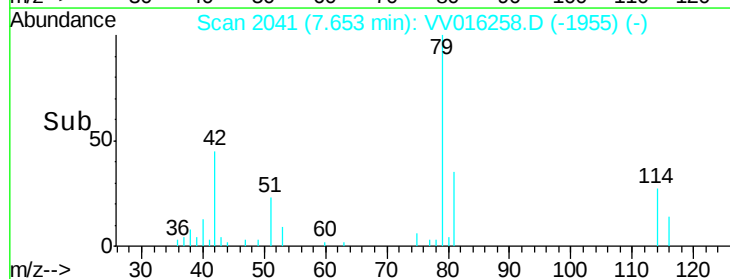
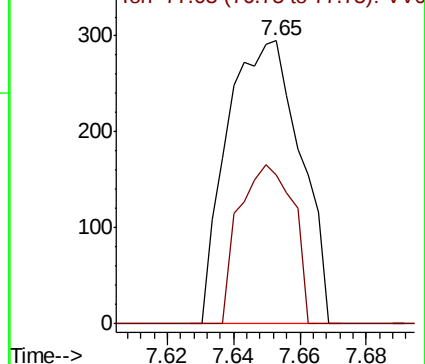
Ion Ratio Lower Upper

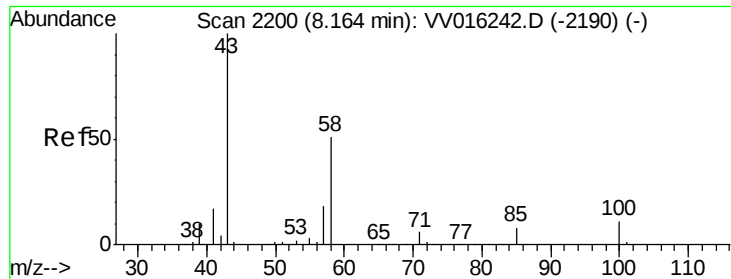
75 100

77 52.5 21.7 40.3#



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

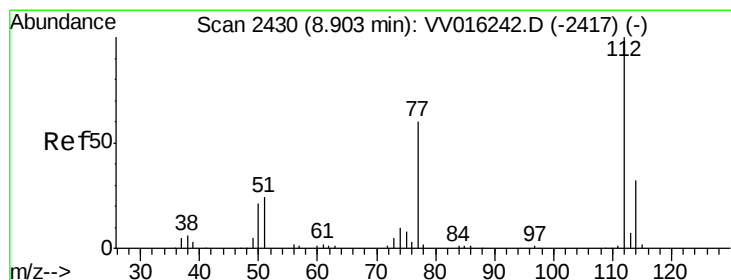
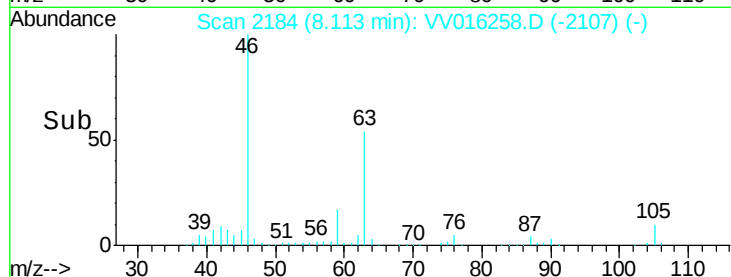
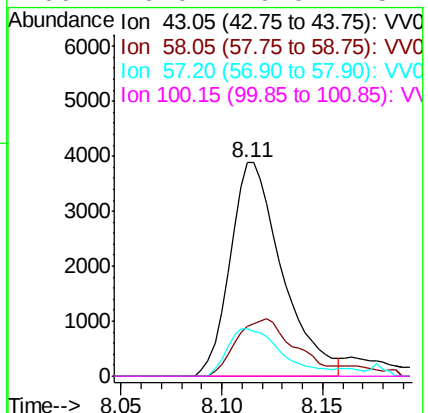
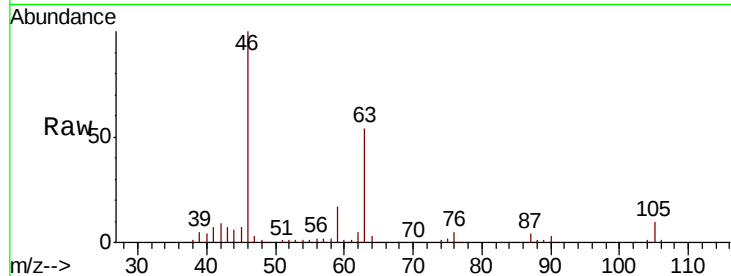




#50
2-Hexanone
Concen: 2.541 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

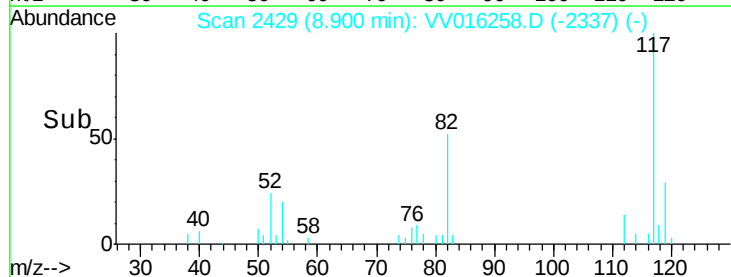
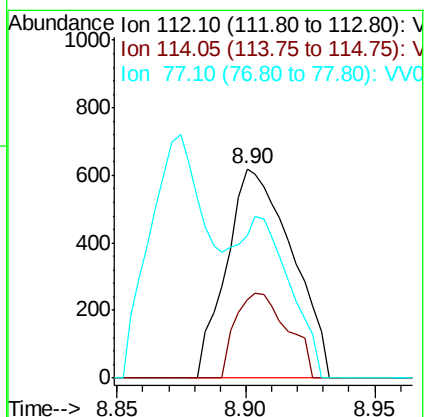
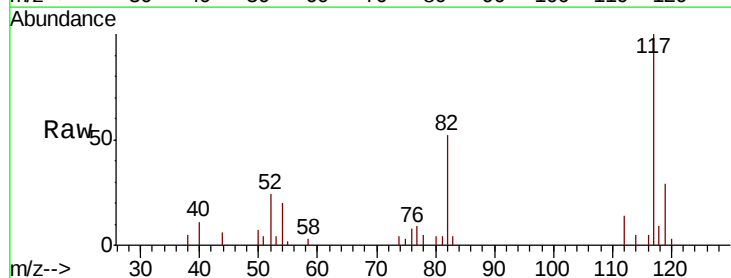
Instrument :
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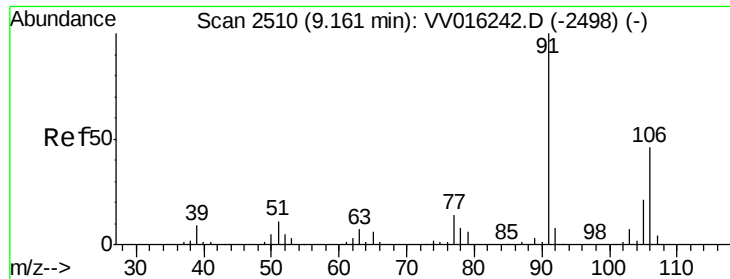
Tot Ion:	43	Resp:	6999
Ion	Ratio	Lower	Upper
43	100		
58	30.1	41.4	62.0#
57	23.3	15.0	22.4#
100	0.0	9.0	13.4#



#53
Chlorobenzene
Concen: 0.063 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

Tgt Ion:	112	Resp:	1095
Ion	Ratio	Lower	Upper
112	100		
114	37.3	22.3	41.3
77	67.9	50.7	76.1





#55

m,p-xylene

Concen: 0.125 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016258.D

Acq: 28 May 2020 03:48

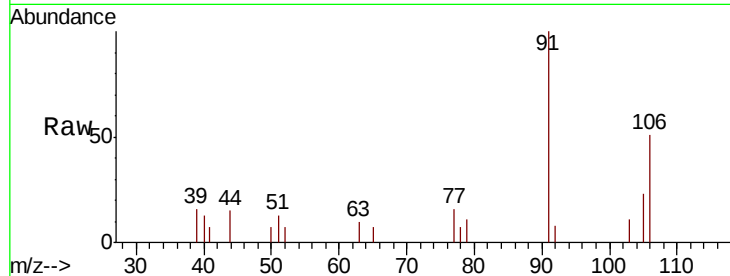
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 1473

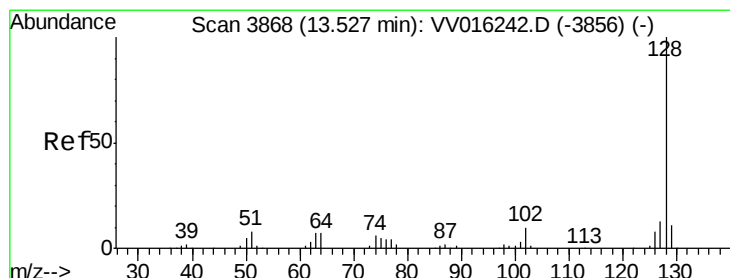
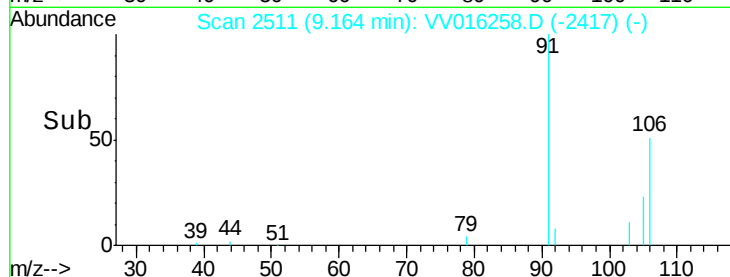
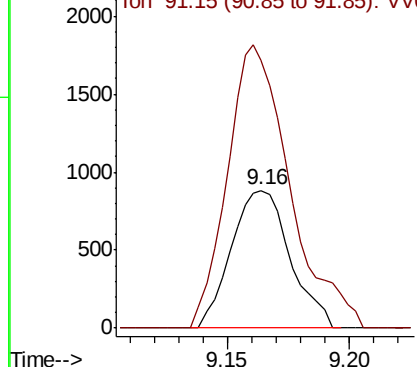
Ion Ratio Lower Upper

106 100

91 194.8 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#70

Naphthalene

Concen: 0.131 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016258.D

Acq: 28 May 2020 03:48

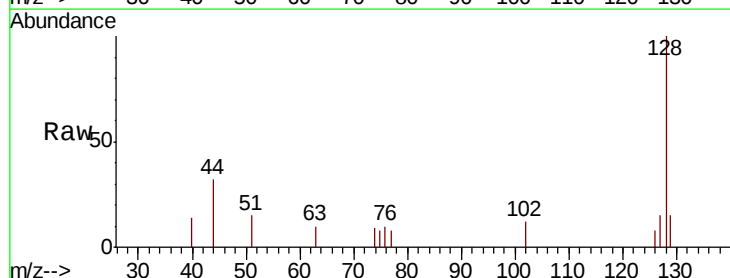
Tgt Ion:128 Resp: 2203

Ion Ratio Lower Upper

128 100

129 10.1 8.6 13.0

127 11.2 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

