

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016256.D
 Acq On : 28 May 2020 03:00
 Operator : SY/MD
 Sample : L2766-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:37:44 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	96258	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92509	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25839	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	24932	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	39645	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	78518	51.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.38	84	57076	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	31152	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	110486	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	34639	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	101067	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	7.65	79	11439	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.12	63	56752	46.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23497	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	36075	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

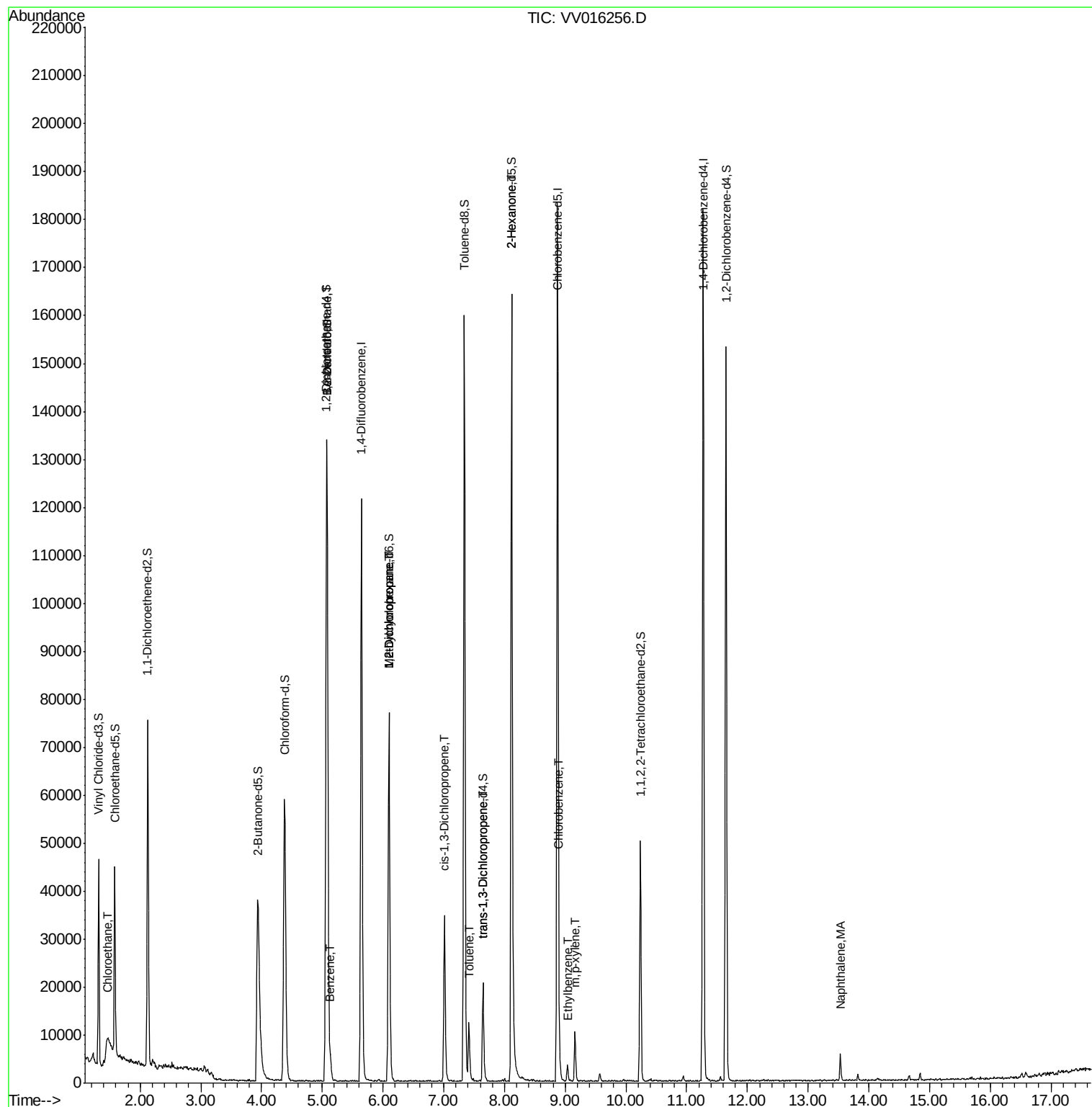
					Ovalue
8) Chloroethane	1.46	64	10019	2.127 ug/L #	52
27) 1,2-Dichloroethane	5.08	62	760	0.093 ug/L #	79
33) Benzene	5.13	78	4176	0.157 ug/L	100
35) Methylcyclohexane	6.09	83	8287	0.709 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4297	0.658 ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	974	0.105 ug/L	98
42) Toluene	7.41	91	8463	0.292 ug/L	93
46) trans-1,3-Dichloropropene	7.65	75	475	0.062 ug/L #	51
50) 2-Hexanone	8.12	43	7487	2.643 ug/L #	76
53) Chlorobenzene	8.90	112	1583	0.088 ug/L	97
54) Ethylbenzene	9.04	91	2627	0.081 ug/L	93
55) m,p-xylene	9.16	106	2805	0.231 ug/L	88
70) Naphthalene	13.53	128	4335	0.245 ug/L #	95

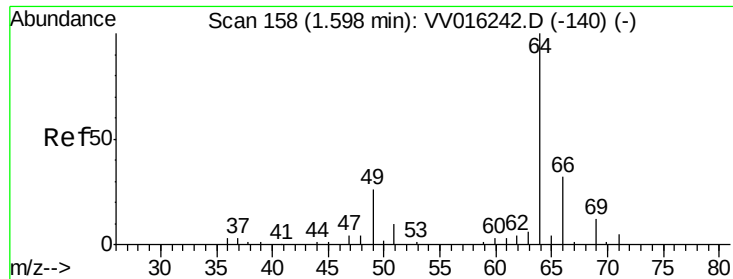
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.127 ug/L

RT: 1.46 min Scan# 116

Delta R.T. -0.14 min

Lab File: VV016256.D

Acq: 28 May 2020 03:00

Instrument :

MSVOA_V

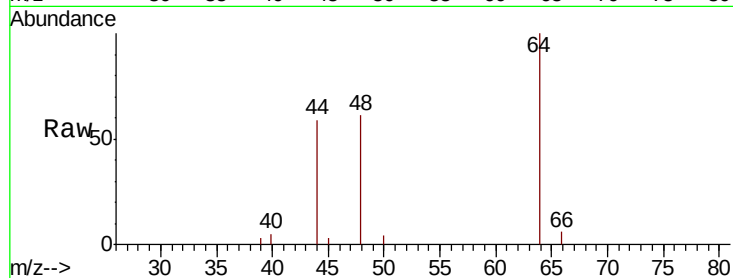
ClientSampleId :

Tot Ion: 64 Resp: 10019

Ion Ratio Lower Upper

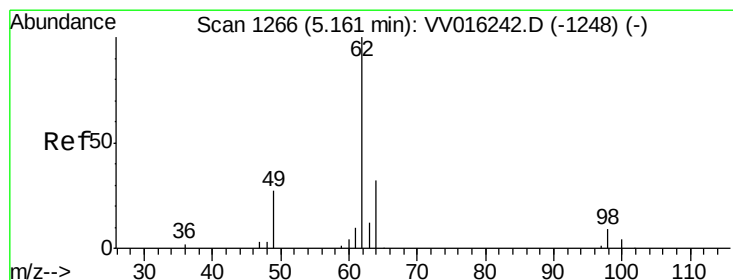
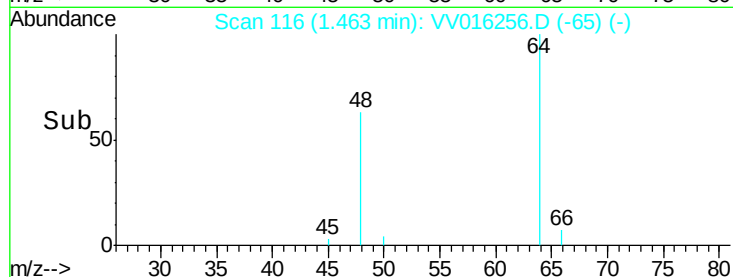
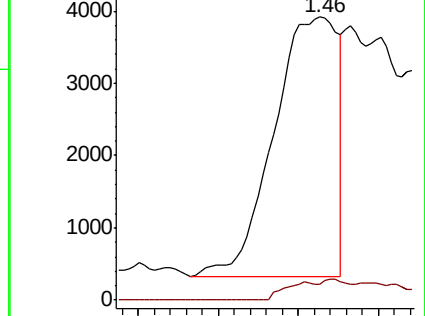
64 100

66 5.8 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016256.D

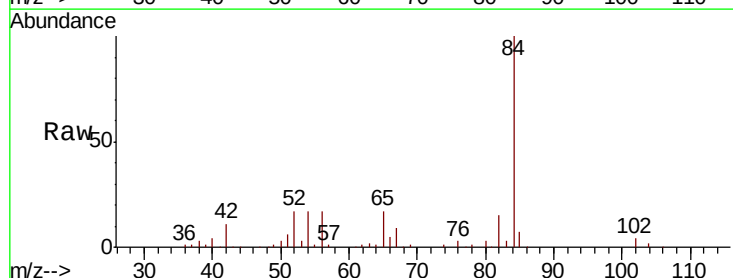
Acq: 28 May 2020 03:00

Tgt Ion: 62 Resp: 760

Ion Ratio Lower Upper

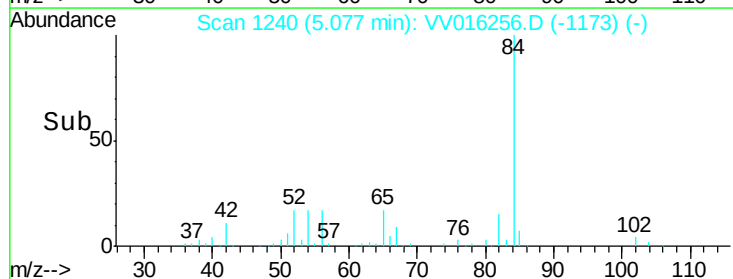
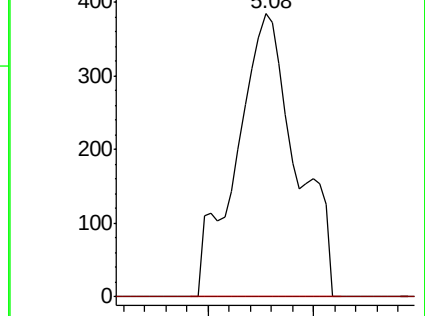
62 100

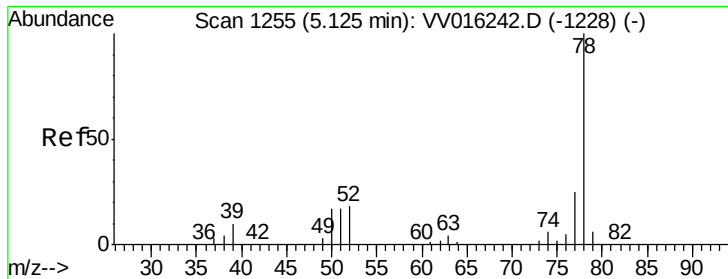
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0





#33

Benzene

Concen: 0.157 ug/L

RT: 5.13 min Scan# 1257

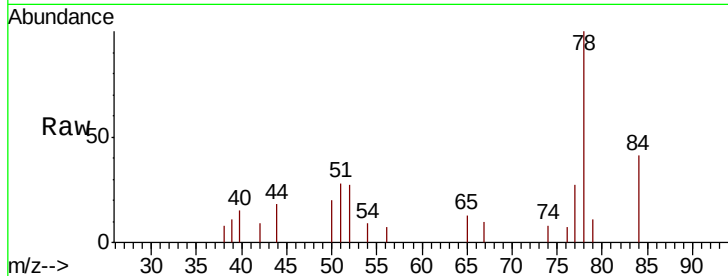
Delta R.T. 0.01 min

Lab File: VV016256.D

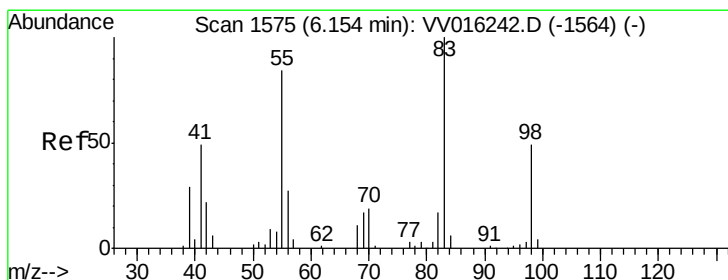
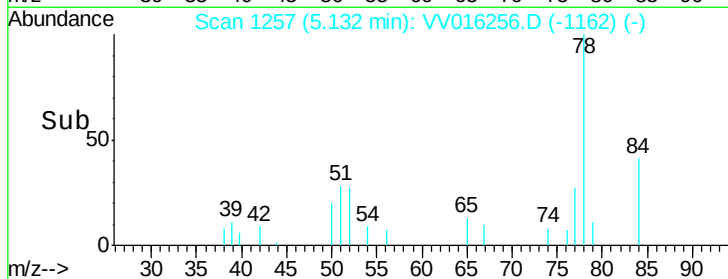
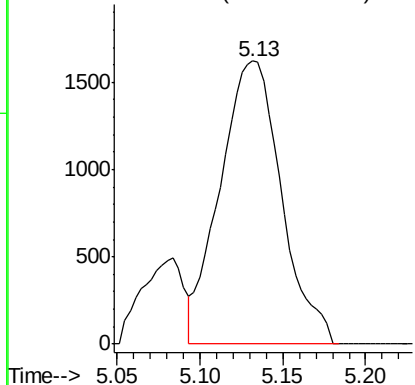
Acq: 28 May 2020 03:00

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 4176



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV016256.D

Acq: 28 May 2020 03:00

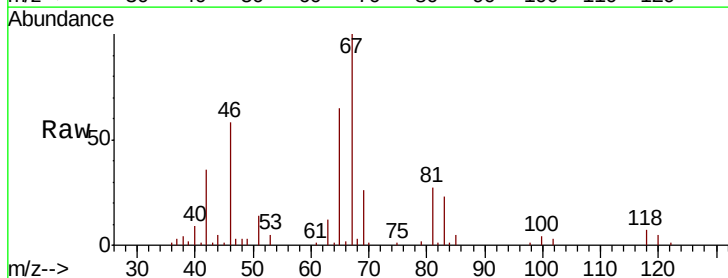
Tgt Ion: 83 Resp: 8287

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

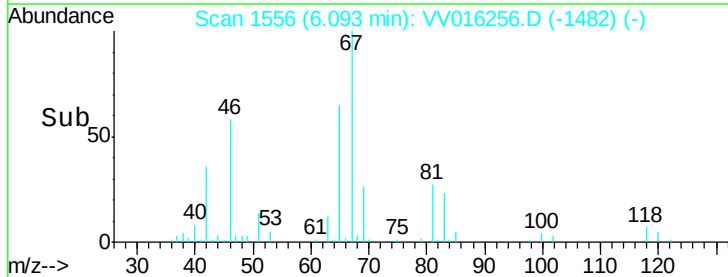
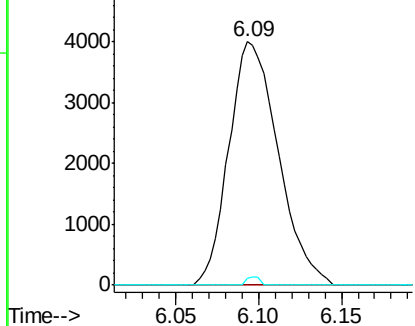
98 0.9 39.3 58.9#

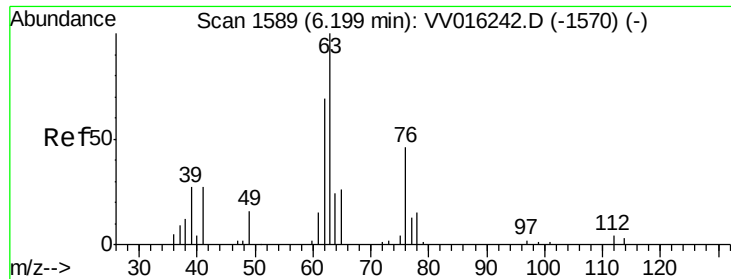


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

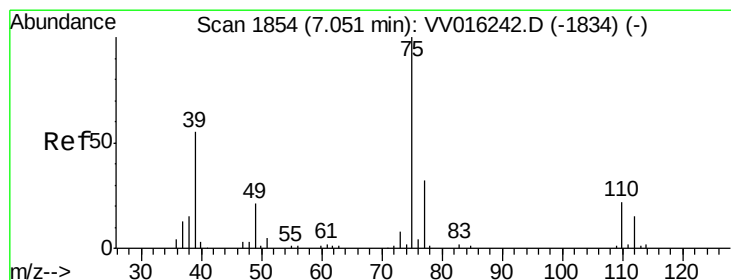
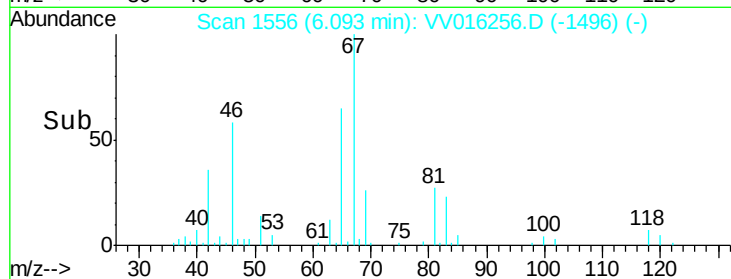
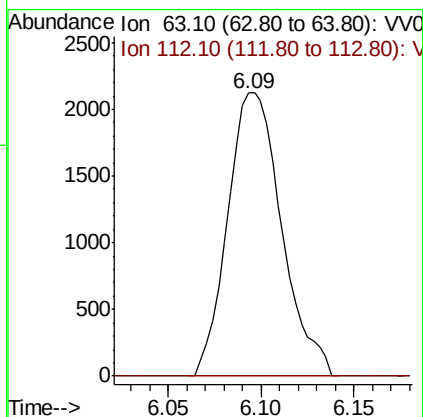
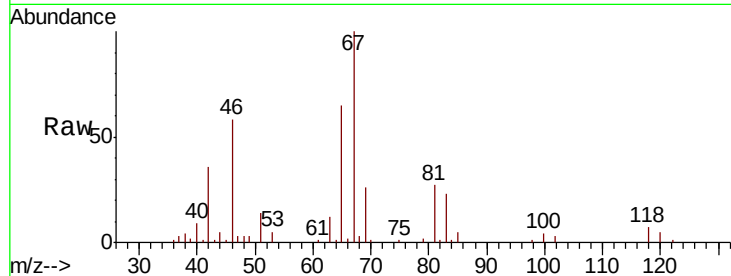




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV016256.D
 Acq: 28 May 2020 03:00

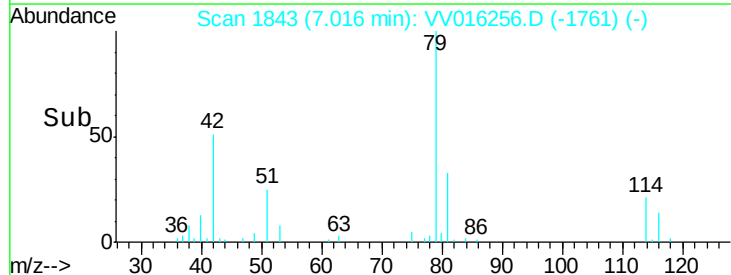
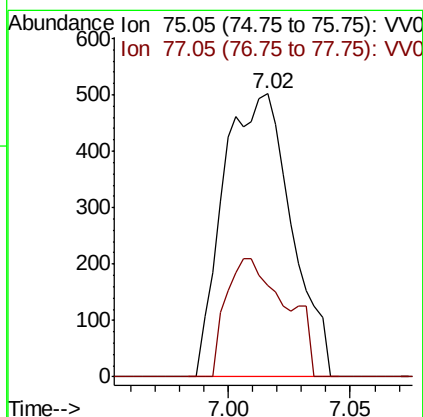
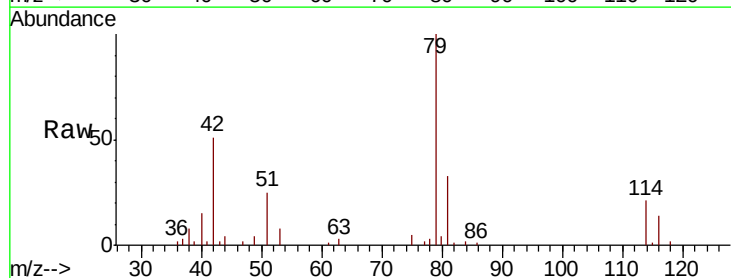
Instrument :
 MSVOA_V
 ClientSampleId :

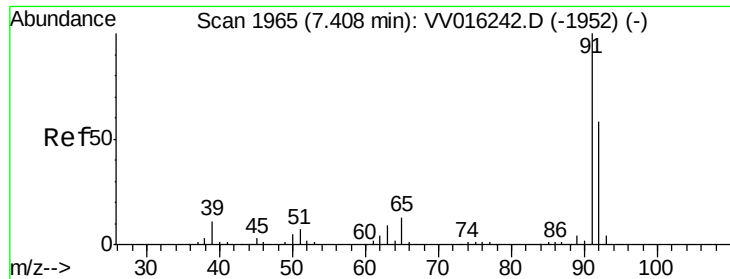
Tot Ion: 63 Resp: 4297
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: VV016256.D
 Acq: 28 May 2020 03:00

Tgt Ion: 75 Resp: 974
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.7 40.3





#42

Toluene

Concen: 0.292 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016256.D

Acq: 28 May 2020 03:00

Instrument :

MSVOA_V

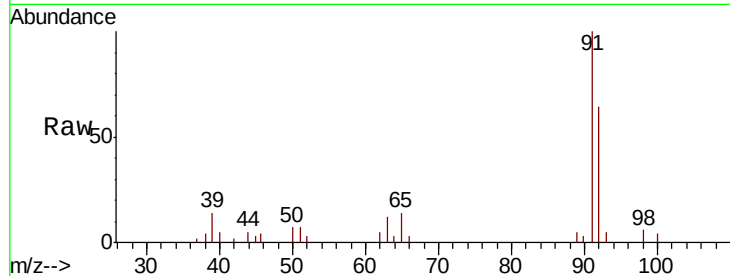
ClientSampled :

Tot Ion: 91 Resp: 8463

Ion Ratio Lower Upper

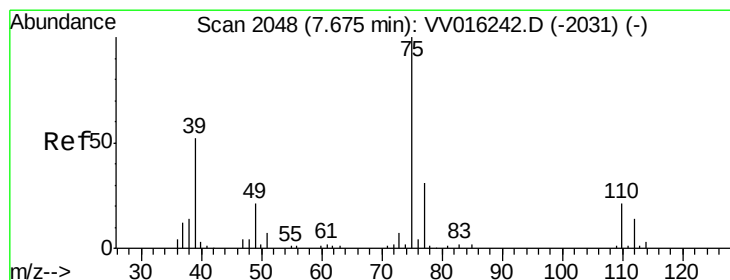
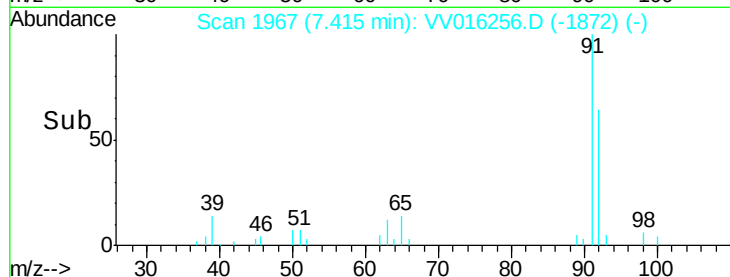
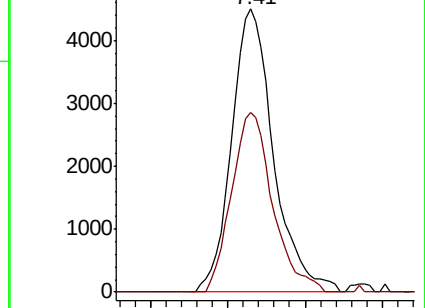
91 100

92 63.7 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: 0.062 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016256.D

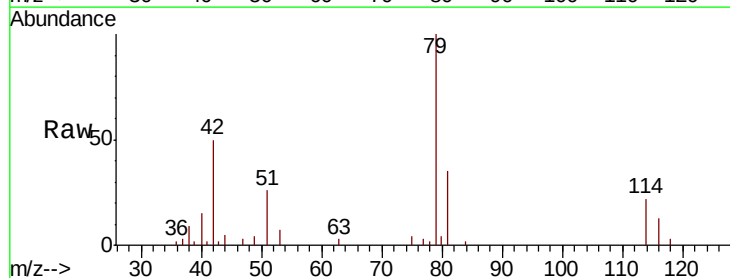
Acq: 28 May 2020 03:00

Tgt Ion: 75 Resp: 475

Ion Ratio Lower Upper

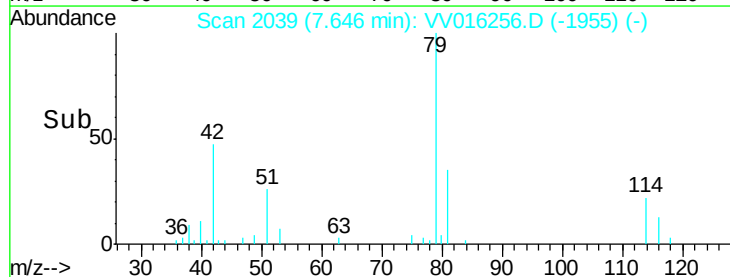
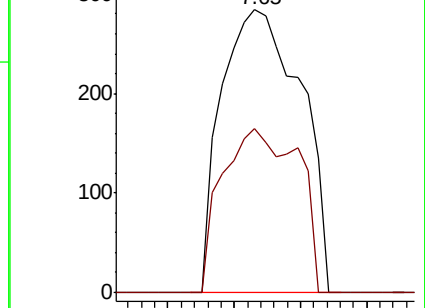
75 100

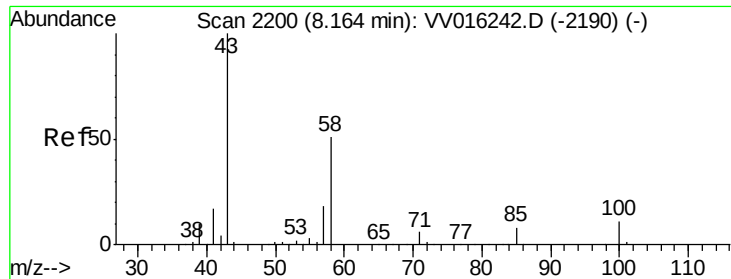
77 58.1 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

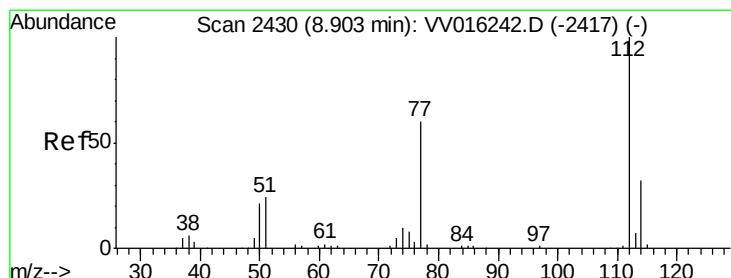
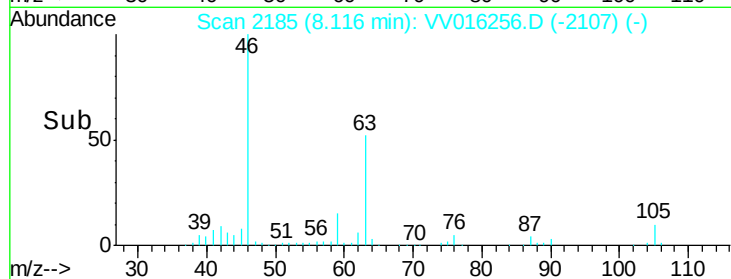
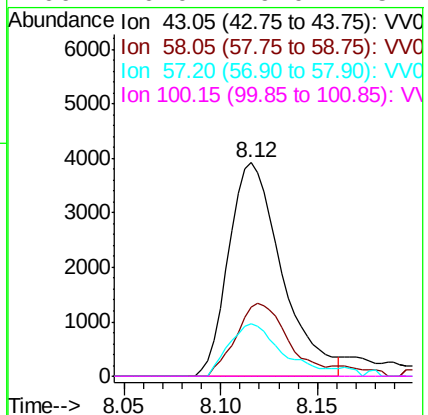
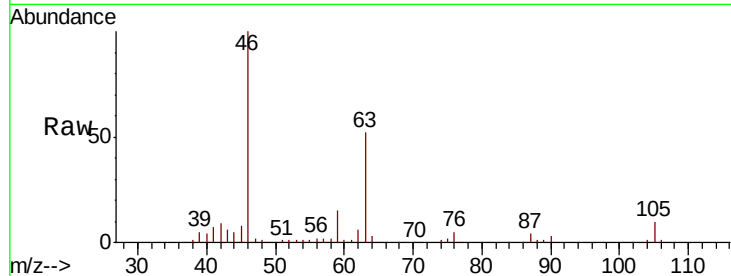




#50
2-Hexanone
Concen: 2.643 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016256.D
Acq: 28 May 2020 03:00

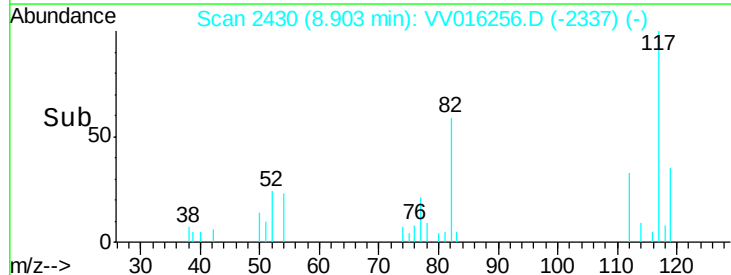
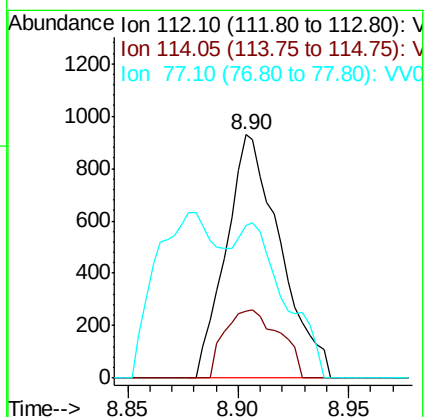
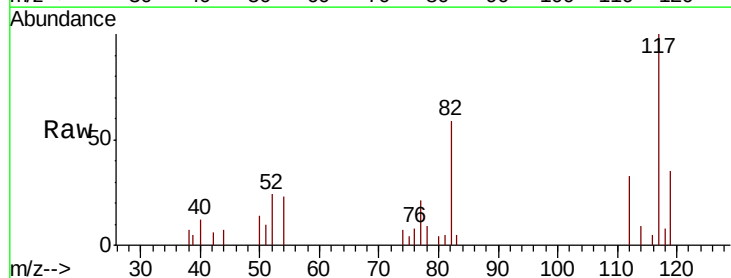
Instrument :
MSVOA_V
ClientSampleId :

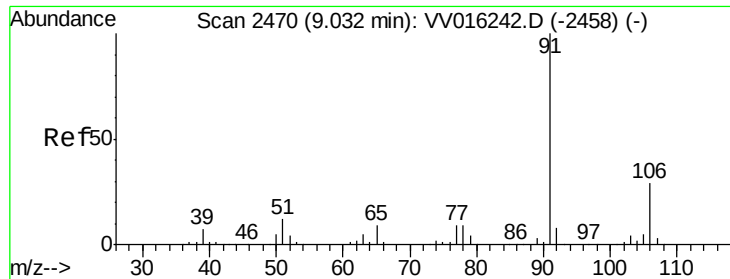
Tot Ion: 43 Resp: 7487
Ion Ratio Lower Upper
43 100
58 33.4 41.4 62.0#
57 24.7 15.0 22.4#
100 0.0 9.0 13.4#



#53
Chlorobenzene
Concen: 0.088 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016256.D
Acq: 28 May 2020 03:00

Tgt Ion: 112 Resp: 1583
Ion Ratio Lower Upper
112 100
114 27.3 22.3 41.3
77 62.9 50.7 76.1





#54

Ethylbenzene

Concen: 0.081 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016256.D

Acq: 28 May 2020 03:00

Instrument :

MSVOA_V

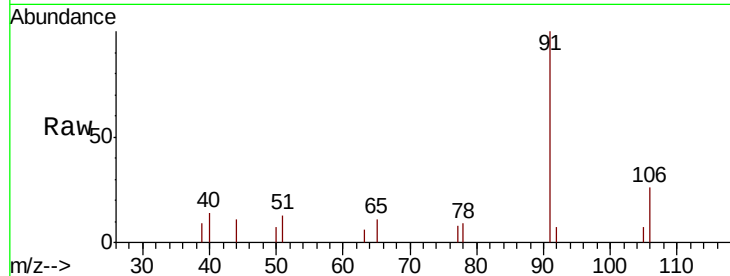
ClientSampleId :

Tot Ion: 91 Resp: 2627

Ion Ratio Lower Upper

91 100

106 26.3 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016242.D (-2458) (-)

Ion 106.15 (105.85 to 106.85): VV016242.D (-2458) (-)

9.04

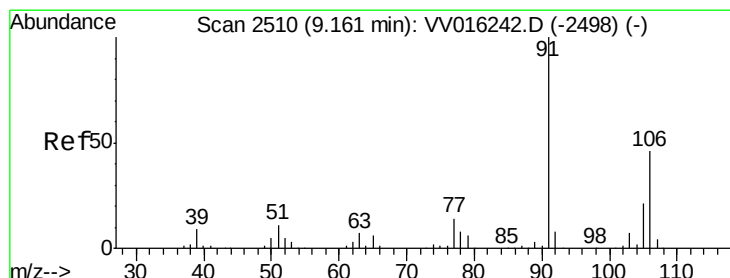
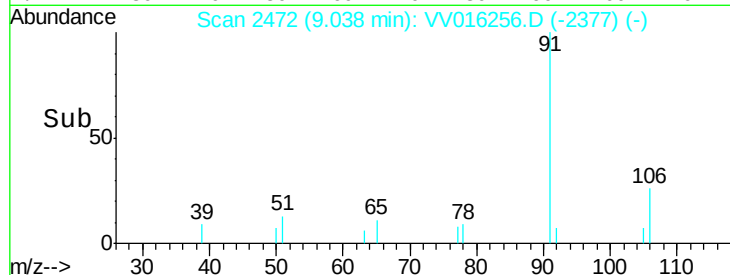
1500

1000

500

0

Time-->



#55

m,p-xylene

Concen: 0.231 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016256.D

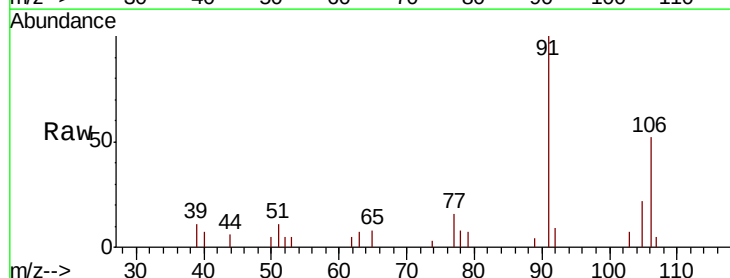
Acq: 28 May 2020 03:00

Tgt Ion: 106 Resp: 2805

Ion Ratio Lower Upper

106 100

91 193.2 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016242.D (-2498) (-)

Ion 91.15 (90.85 to 91.85): VV016242.D (-2498) (-)

9.16

4000

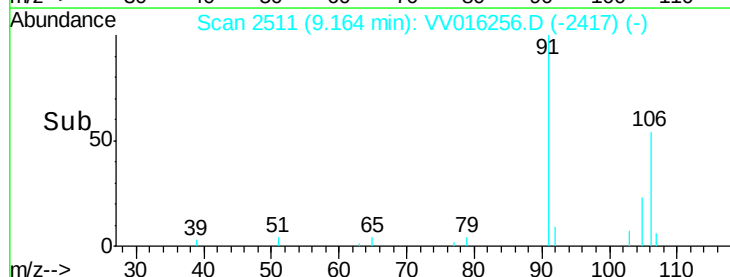
3000

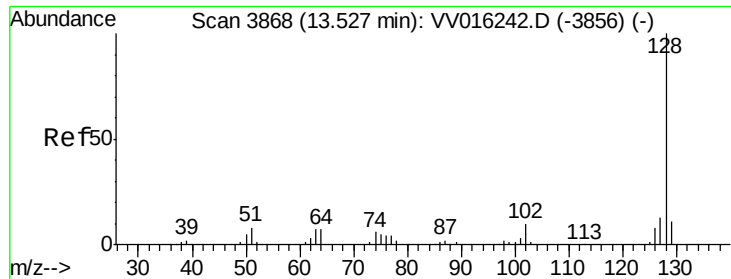
2000

1000

0

Time-->





#70

Naphthalene

Concen: 0.245 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

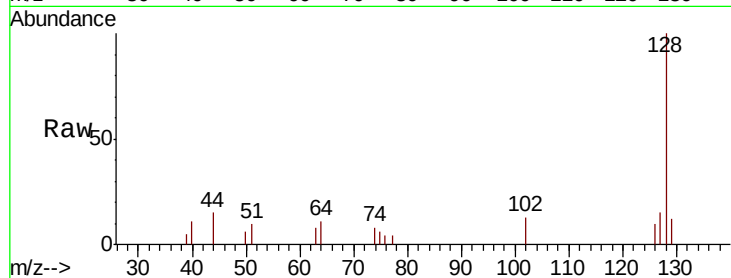
Lab File: VV016256.D

Acq: 28 May 2020 03:00

Instrument :

MSVOA_V

ClientSampleId :



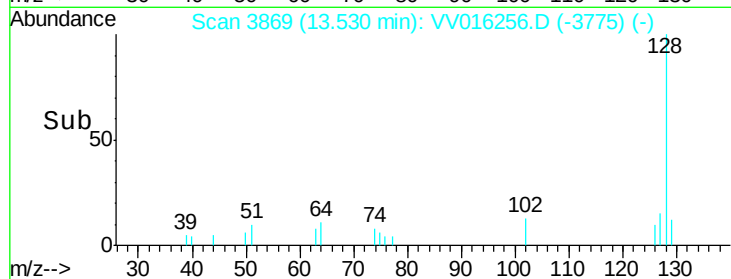
Tot Ion:128 Resp: 4335

Ion Ratio Lower Upper

128 100

129 8.1 8.6 13.0#

127 12.2 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

