

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015869.D
 Acq On : 01 May 2020 19:35
 Operator : SY/MD
 Sample : L2432-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:12:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29798	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	28340	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	45626	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.94	46	95808	45.01	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.38	84	61754	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.06	65	38455	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.08	84	123825	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.10	67	40213	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.34	98	110010	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.65	79	13172	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.11	63	65269	36.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28928	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	42852	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

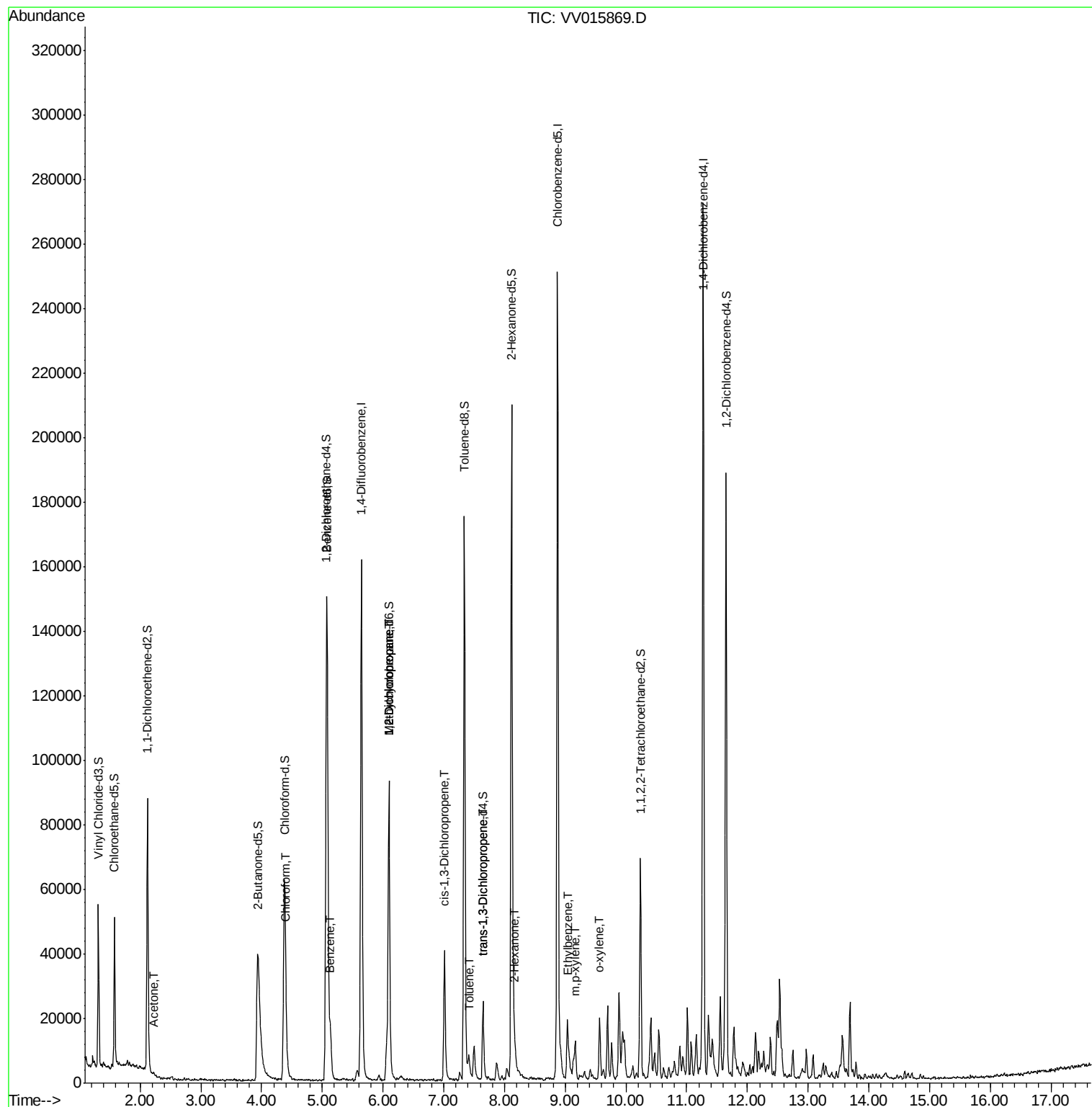
					Ovalue
13) Acetone	2.22	43	1684	1.139 ug/L	74
25) Chloroform	4.41	83	6181	0.359 ug/L	92
33) Benzene	5.13	78	14700	0.415 ug/L	100
35) Methylcyclohexane	6.10	83	10145	0.676 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	4895	0.544 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1223	0.098 ug/L #	51
42) Toluene	7.41	91	3775	0.100 ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	862	0.082 ug/L	93
48) 2-Hexanone	8.17	43	3372	0.810 ug/L #	93
52) Ethylbenzene	9.04	91	12013	0.274 ug/L	91
53) m,p-xylene	9.16	106	2555	0.159 ug/L	98
54) o-xylene	9.57	106	4242	0.273 ug/L	99

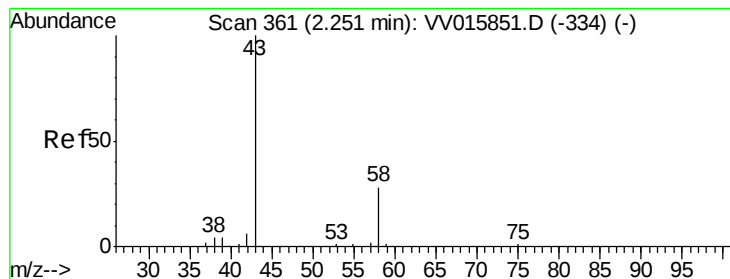
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.139 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.03 min

Lab File: VV015869.D

Acq: 01 May 2020 19:35

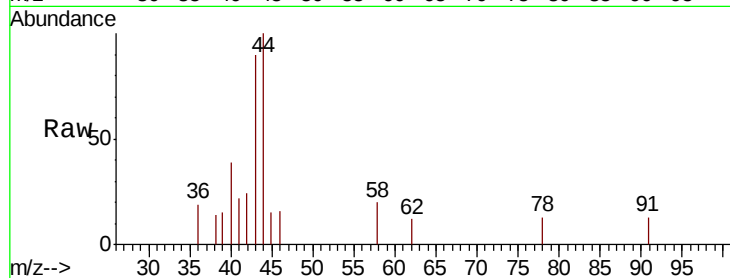
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1684

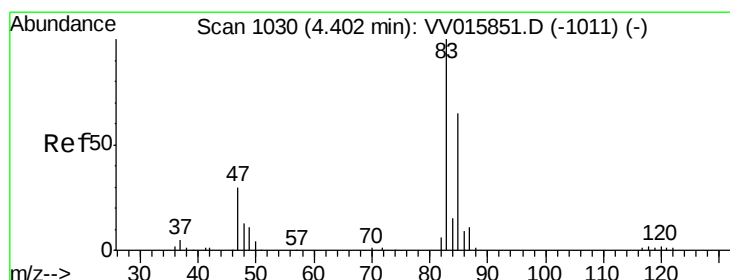
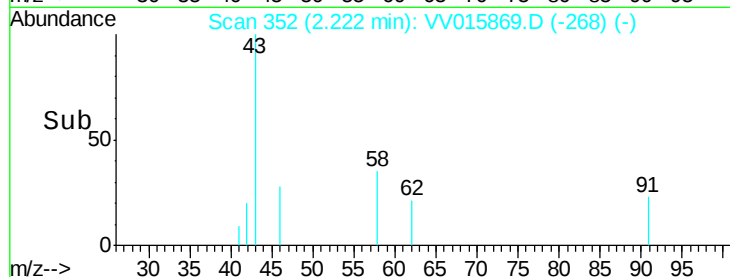
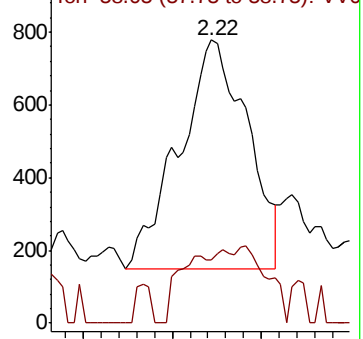
Ion Ratio Lower Upper

43 100

58 14.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015869.D (-268) (-)



#25

Chloroform

Concen: 0.359 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015869.D

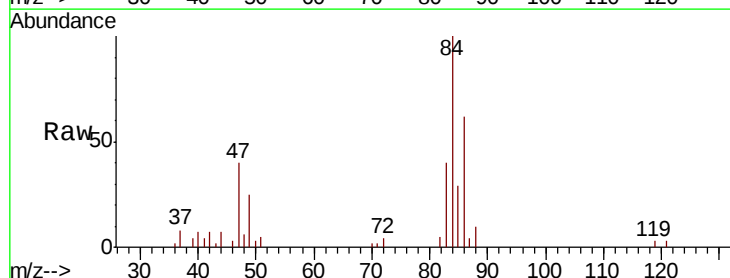
Acq: 01 May 2020 19:35

Tgt Ion: 83 Resp: 6181

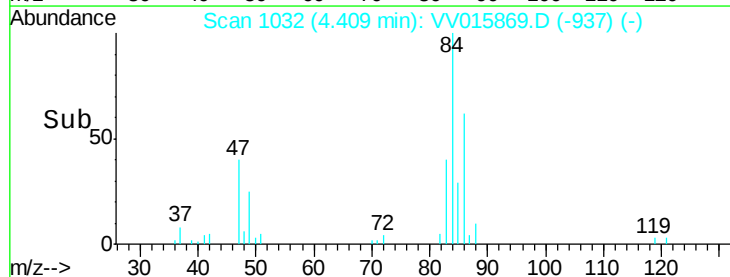
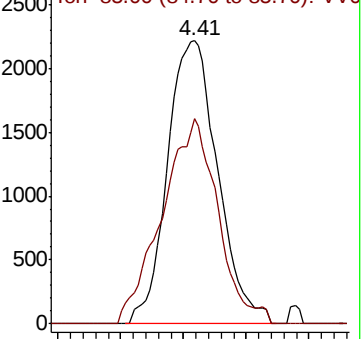
Ion Ratio Lower Upper

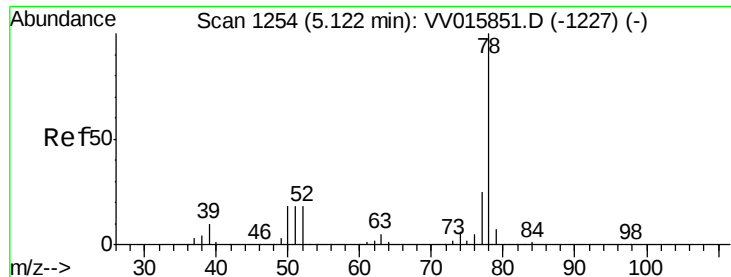
83 100

85 72.5 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015869.D (-937) (-)

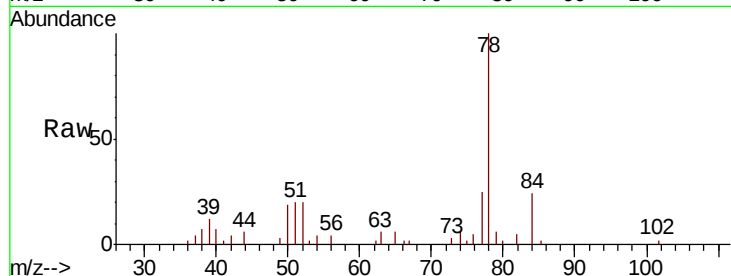




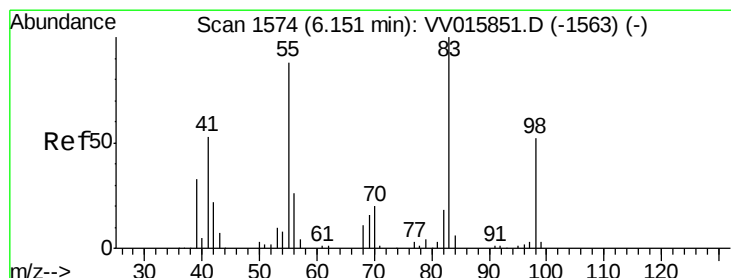
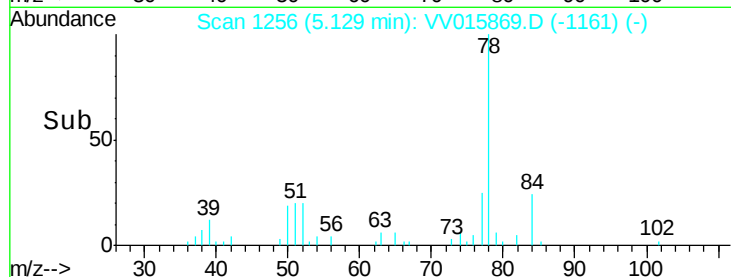
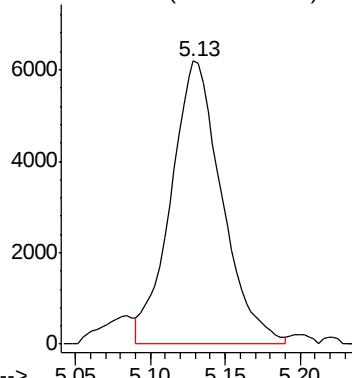
#33
Benzene
Concen: 0.415 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV015869.D
Acq: 01 May 2020 19:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 14700

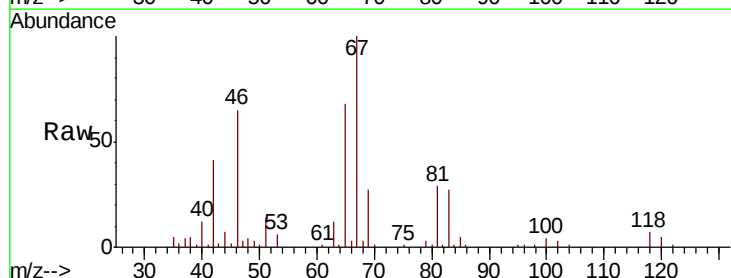


Abundance Ion 78.10 (77.80 to 78.80): VV0



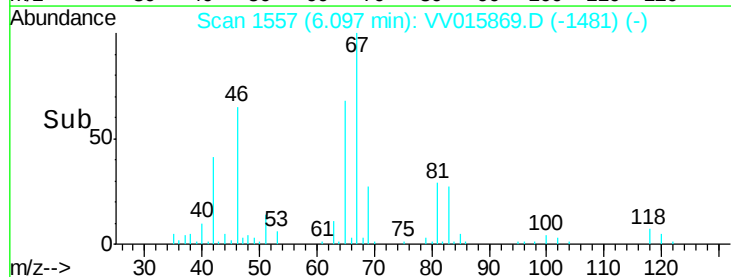
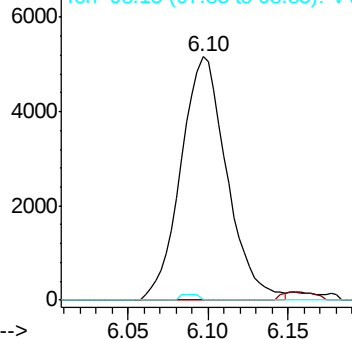
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015869.D
Acq: 01 May 2020 19:35

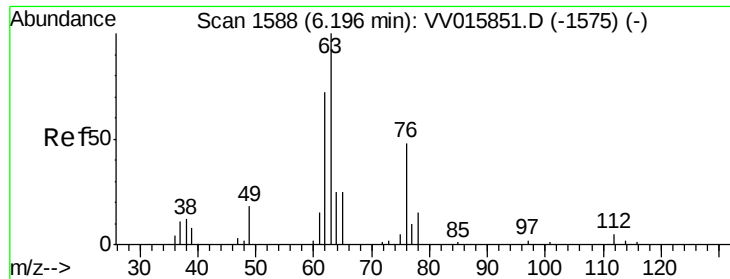
Tgt Ion: 83 Resp: 10145
Ion Ratio Lower Upper
83 100
55 2.4 66.6 99.8#
98 0.9 39.5 59.3#



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

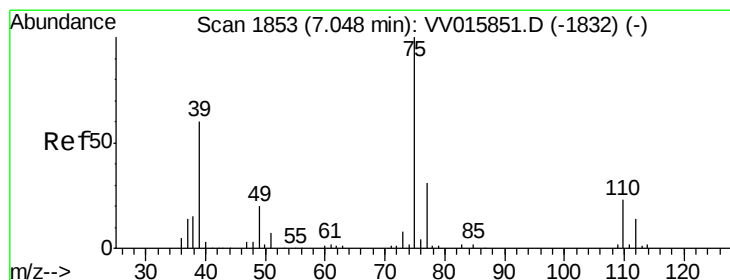
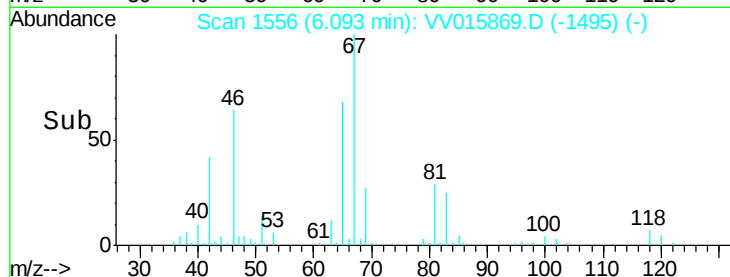
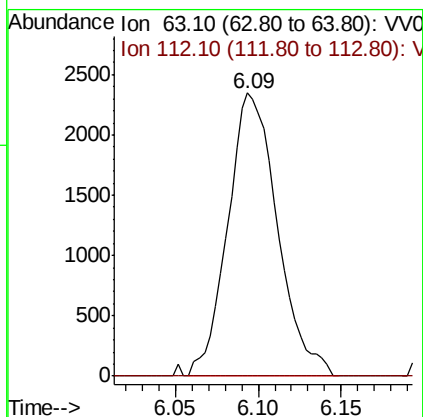
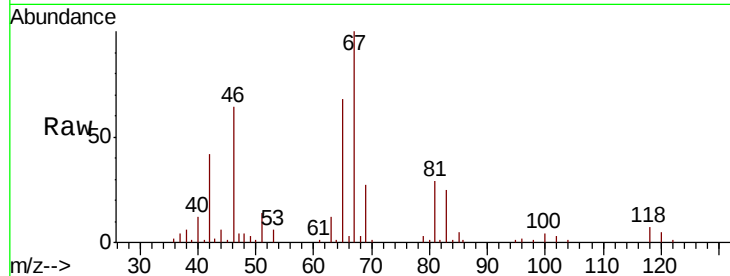




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015869.D
 Acq: 01 May 2020 19:35

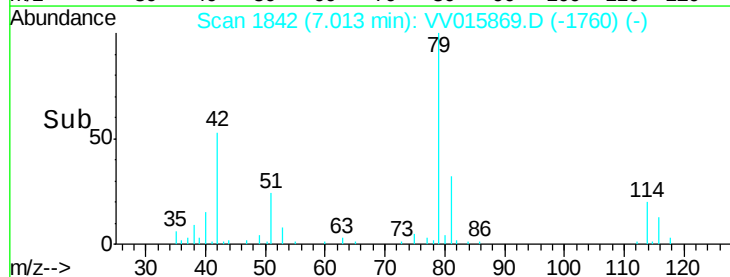
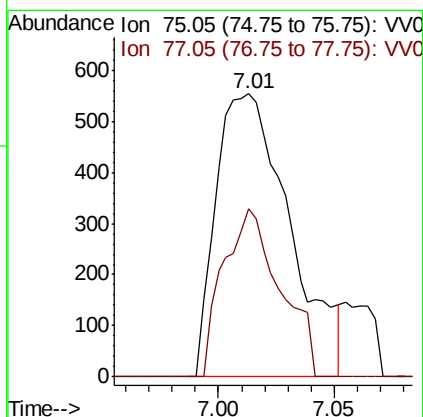
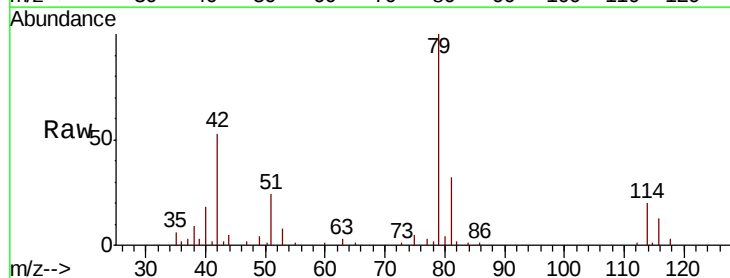
Instrument :
 MSVOA_V
 ClientSampled :

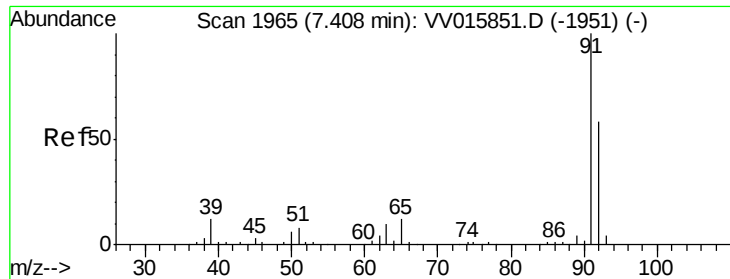
Tot Ion: 63 Resp: 4895
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015869.D
 Acq: 01 May 2020 19:35

Tgt Ion: 75 Resp: 1223
 Ion Ratio Lower Upper
 75 100
 77 59.2 22.3 41.5#





#42

Toluene

Concen: 0.100 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015869.D

Acq: 01 May 2020 19:35

Instrument :

MSVOA_V

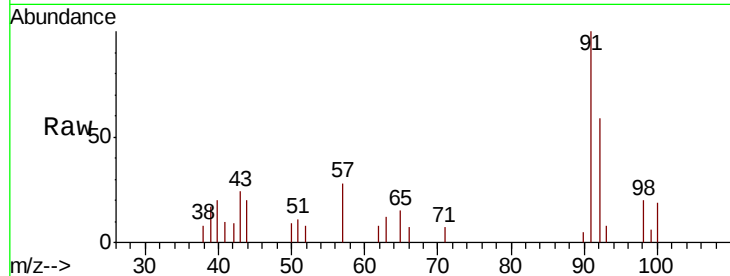
ClientSampleId :

Tot Ion: 91 Resp: 3775

Ion Ratio Lower Upper

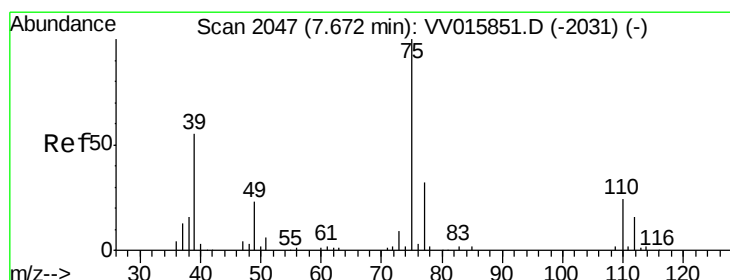
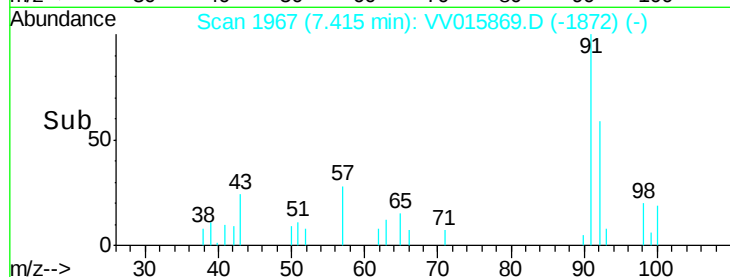
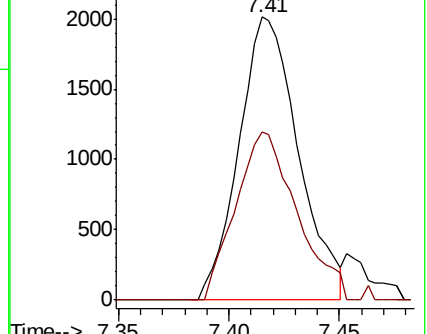
91 100

92 59.2 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015869.D

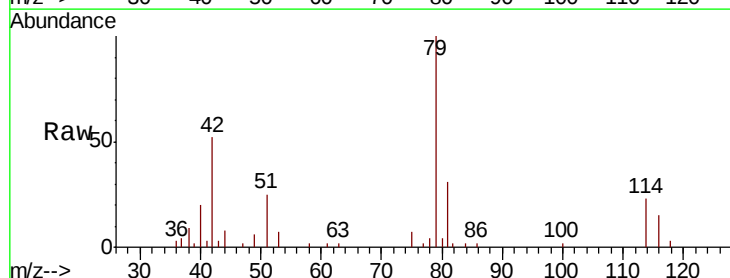
Acq: 01 May 2020 19:35

Tgt Ion: 75 Resp: 862

Ion Ratio Lower Upper

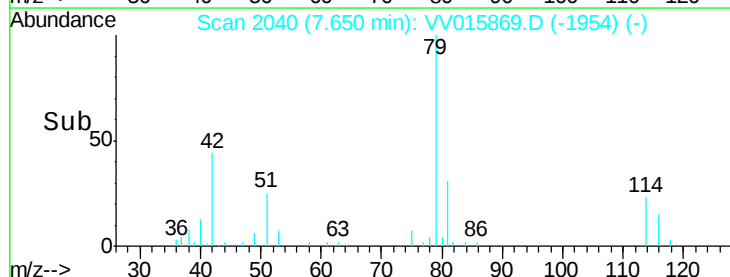
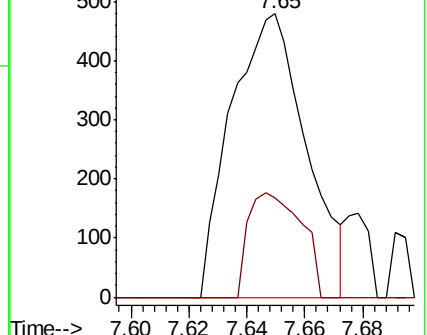
75 100

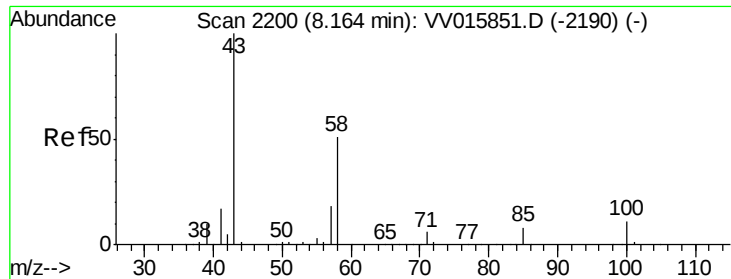
77 35.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

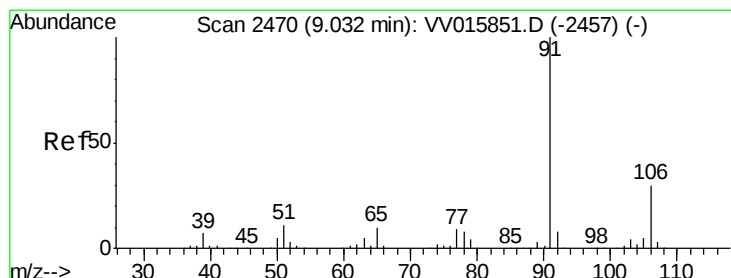
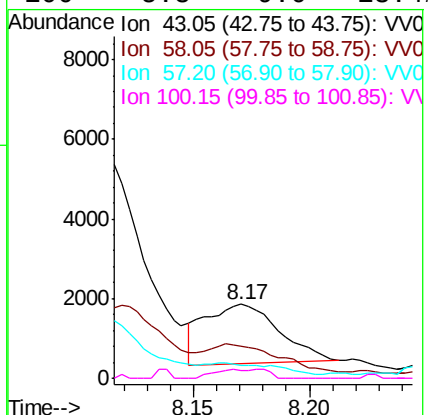
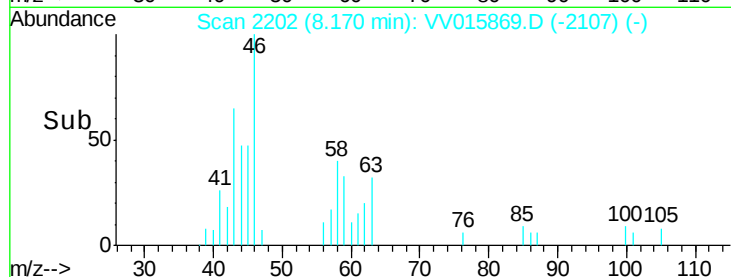
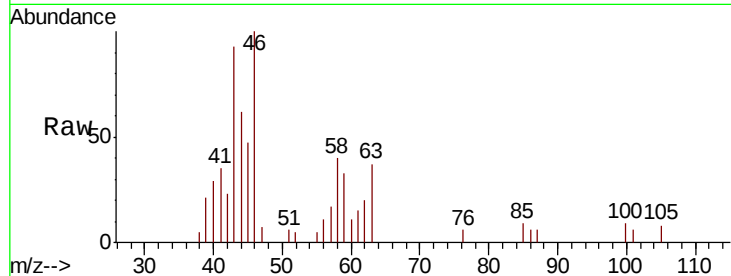




#48
2-Hexanone
Concen: 0.810 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015869.D
Acq: 01 May 2020 19:35

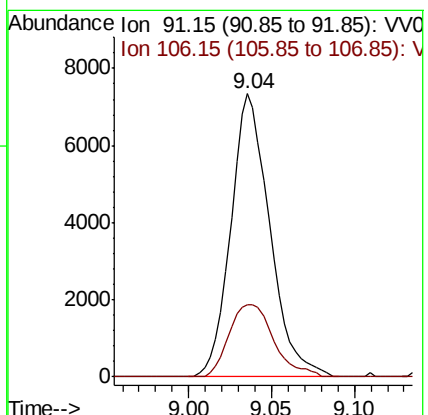
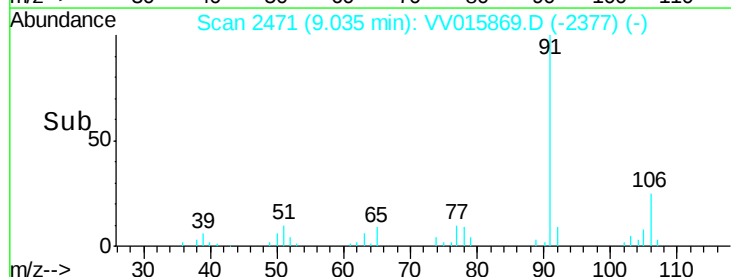
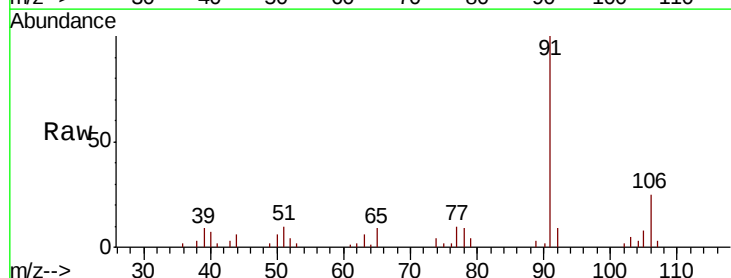
Instrument :
MSVOA_V
ClientSampled :

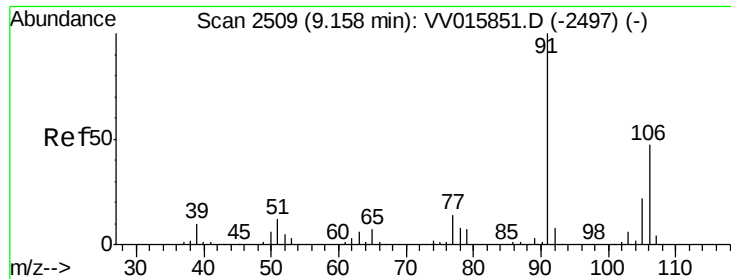
Tot Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
58 47.4 41.1 61.7
57 16.6 15.0 22.4
100 5.8 9.0 13.4#



#52
Ethylbenzene
Concen: 0.274 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015869.D
Acq: 01 May 2020 19:35

Tgt Ion: 91 Resp: 12013
Ion Ratio Lower Upper
91 100
106 25.3 21.3 39.5





#53

m,p-xylene

Concen: 0.159 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015869.D

Acq: 01 May 2020 19:35

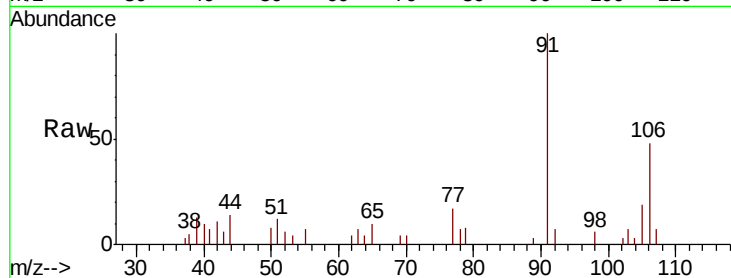
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 2555

Ion Ratio Lower Upper

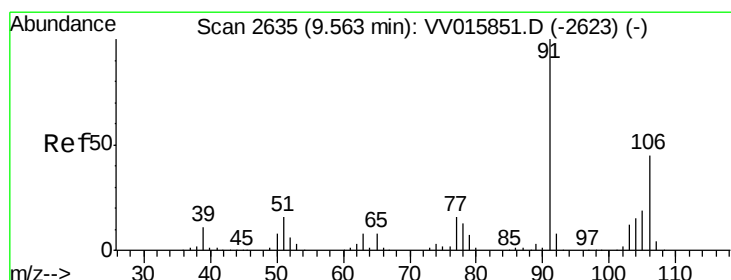
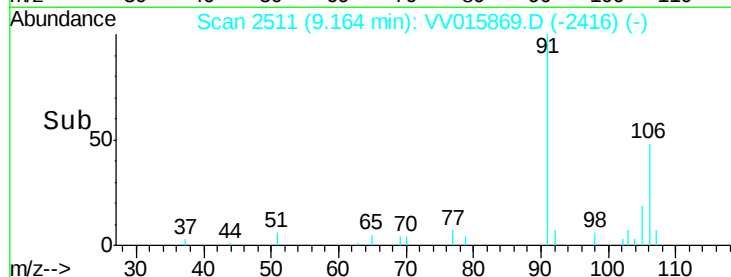
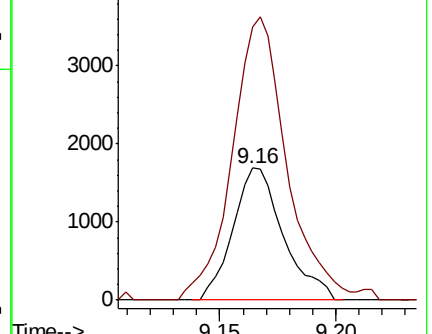
106 100

91 207.3 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.273 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015869.D

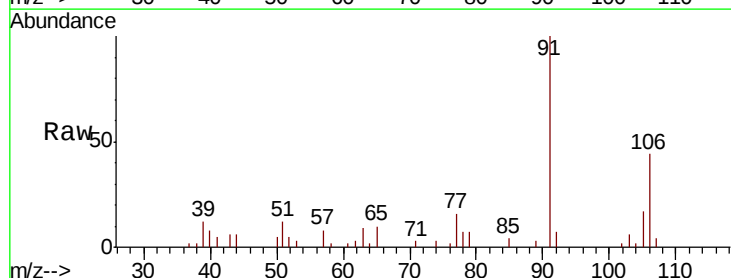
Acq: 01 May 2020 19:35

Tgt Ion:106 Resp: 4242

Ion Ratio Lower Upper

106 100

91 229.7 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

