

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016147.D
 Acq On : 21 May 2020 12:47
 Operator : SY/MD
 Sample : L2725-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:53:28 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	5.64	114	147235	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142573	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31231	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	35292	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	56855	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.95	46	89461	39.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.52%
24) Chloroform-d	4.38	84	85289	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	44304	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.08	84	160807	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	50402	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	139708	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.65	79	14820	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
48) 2-Hexanone-d5	8.12	63	68129	38.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31998	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	51899	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

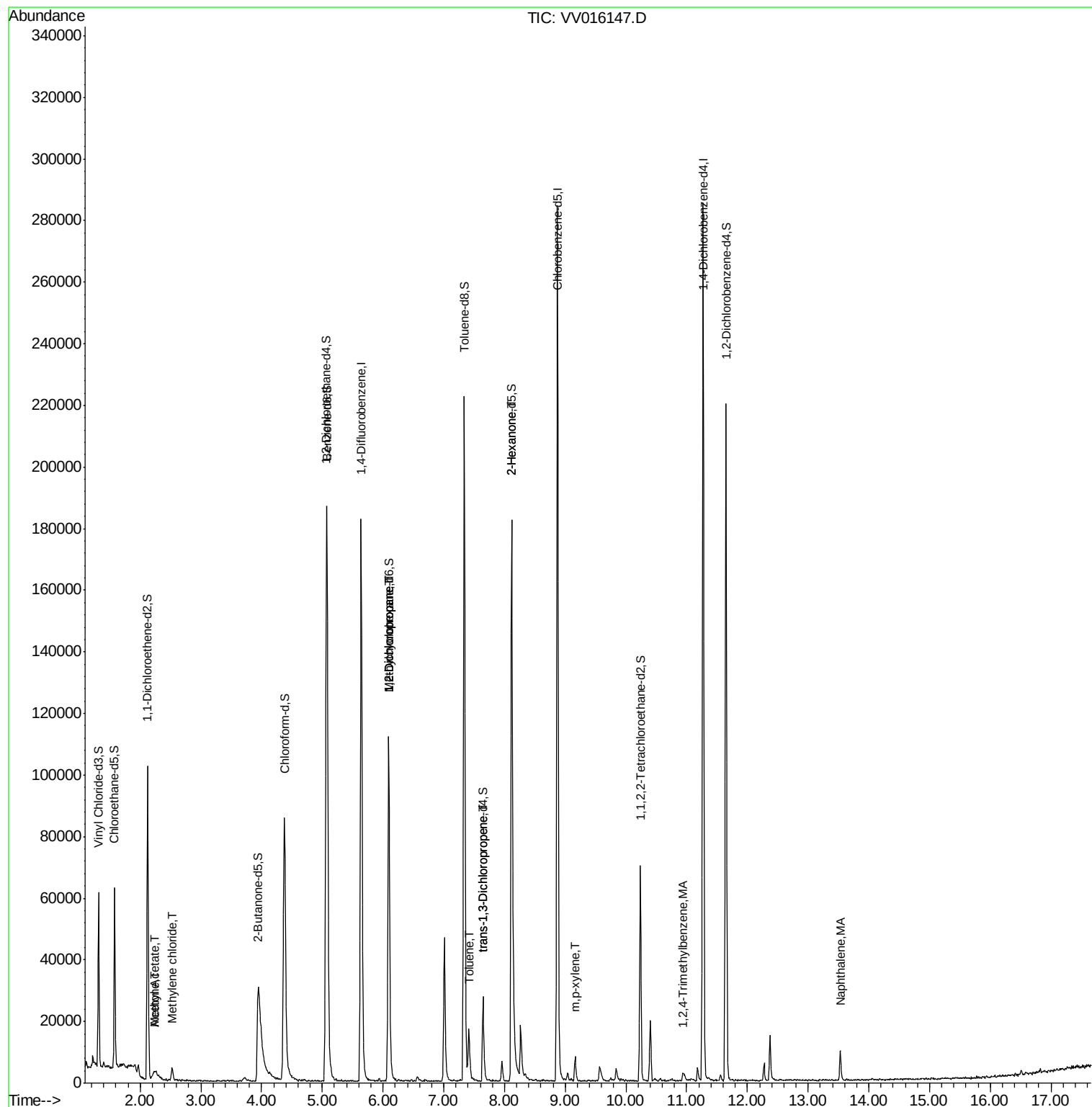
					Ovalue
13) Acetone	2.24	43	8217	5.467	ug/L 95
15) Methyl Acetate	2.24	43	7258	2.090	ug/L # 51
16) Methylene chloride	2.53	84	1579	0.163	ug/L 92
35) Methylcyclohexane	6.09	83	12156	0.785	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	6420	0.704	ug/L # 87
42) Toluene	7.41	91	11706	0.308	ug/L 100
44) 1,2,4-Trimethylbenzene	10.94	105	2077	0.060	ug/L # 100
46) trans-1,3-Dichloropropene	7.65	75	707	0.065	ug/L # 77
50) 2-Hexanone	8.12	43	11077	2.758	ug/L # 73
55) m,p-xylene	9.16	106	2262	0.141	ug/L 100
70) Naphthalene	13.53	128	8010	0.445	ug/L 96

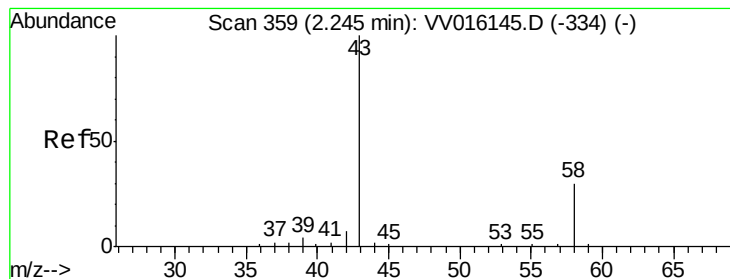
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 5.467 ug/L

RT: 2.24 min Scan# 359

Delta R.T. 0.00 min

Lab File: VV016147.D

Acq: 21 May 2020 12:47

Instrument :

MSVOA_V

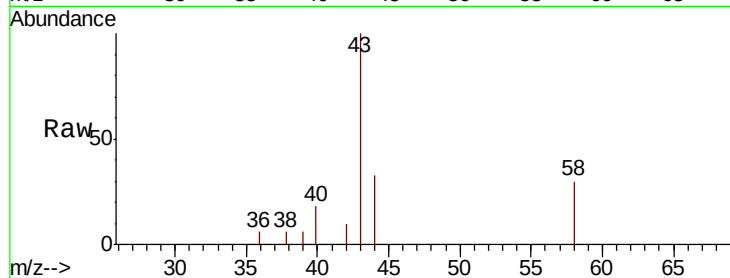
ClientSampleId :

Tot Ion: 43 Resp: 8217

Ion Ratio Lower Upper

43 100

58 17.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.24

2000

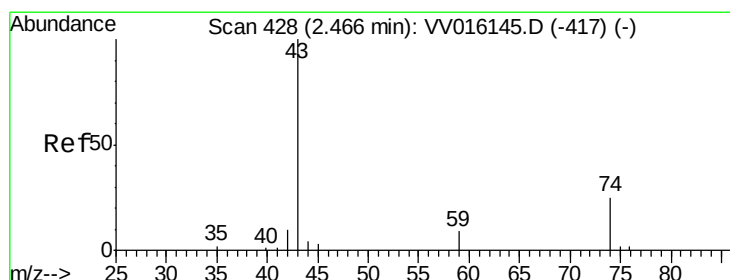
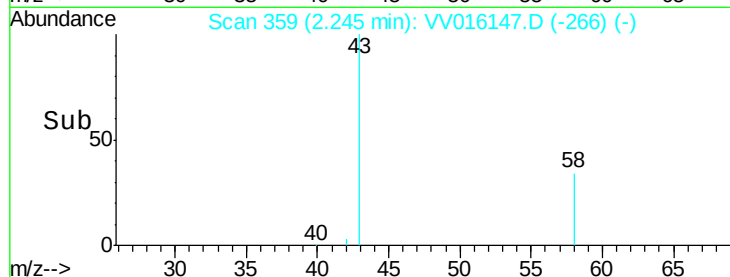
1500

1000

500

0

Time--> 2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 2.090 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.22 min

Lab File: VV016147.D

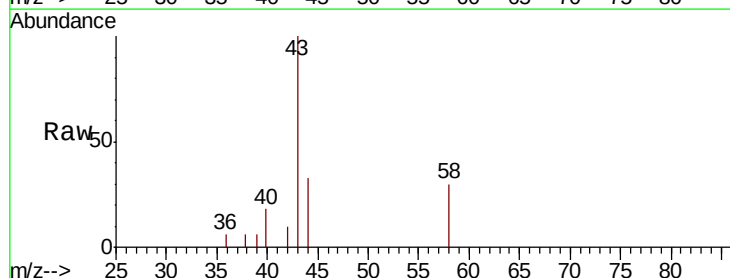
Acq: 21 May 2020 12:47

Tgt Ion: 43 Resp: 7258

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.24

2000

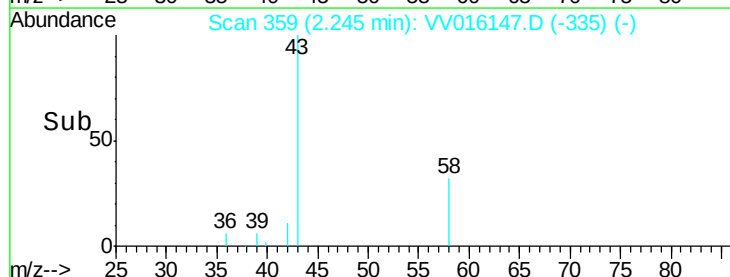
1500

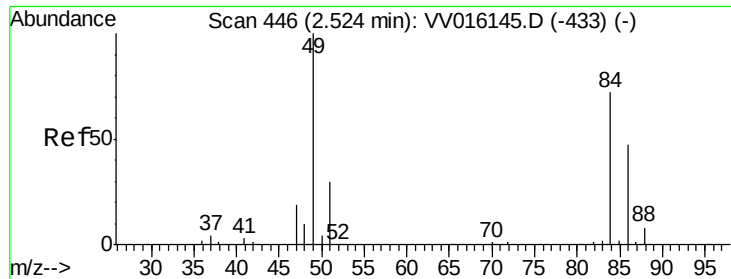
1000

500

0

Time--> 2.15 2.20 2.25 2.30

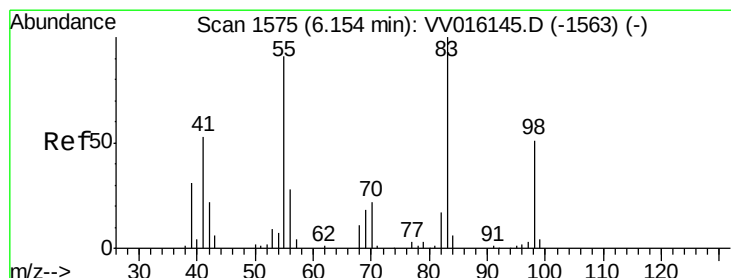
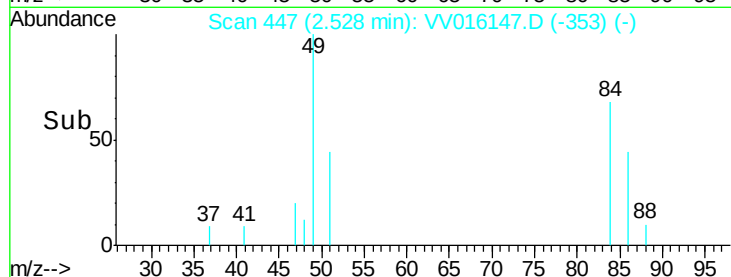
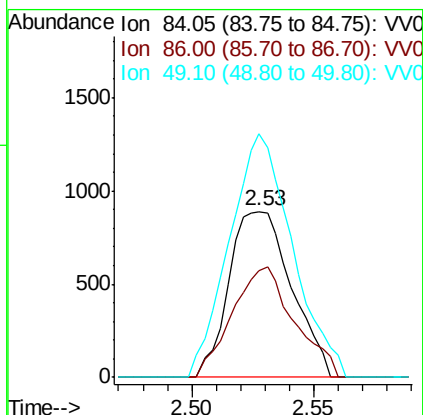
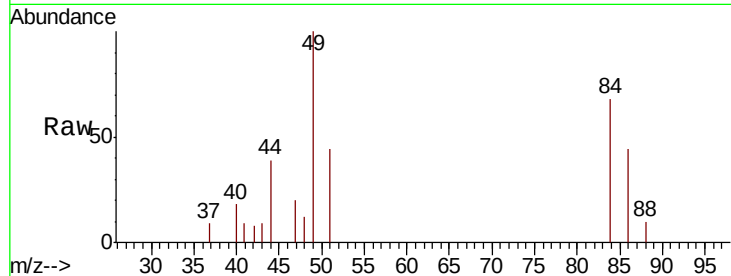




#16
Methvlene chloride
Concen: 0.163 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

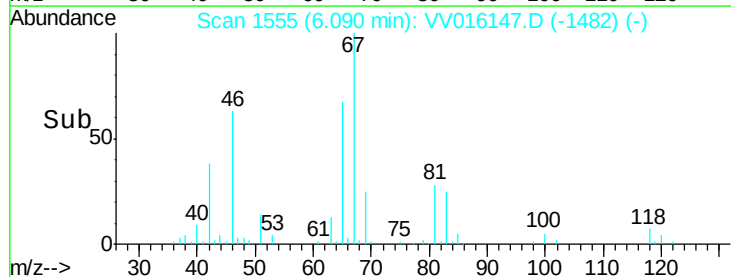
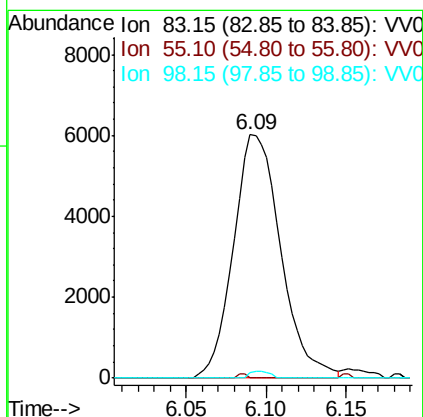
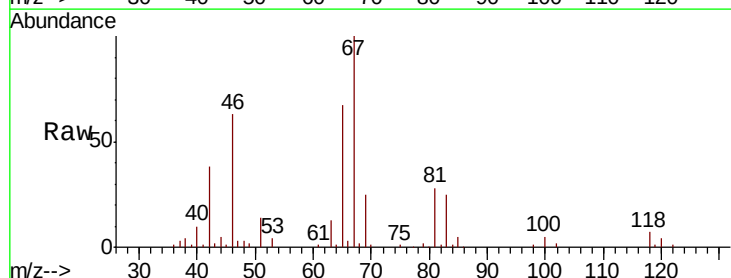
Instrument :
MSVOA_V
ClientSampleId :

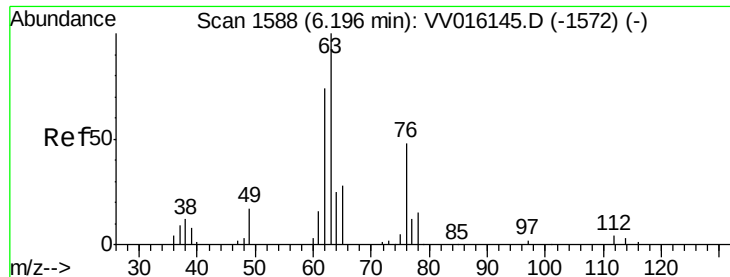
Tot Ion: 84 Resp: 1579
Ion Ratio Lower Upper
84 100
86 64.3 45.6 84.8
49 146.6 93.6 173.8



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

Tgt Ion: 83 Resp: 12156
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 1.2 37.9 56.9#

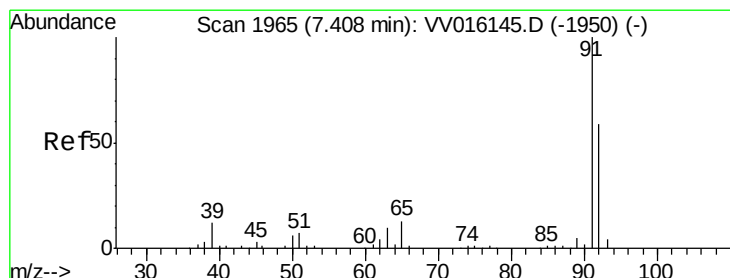
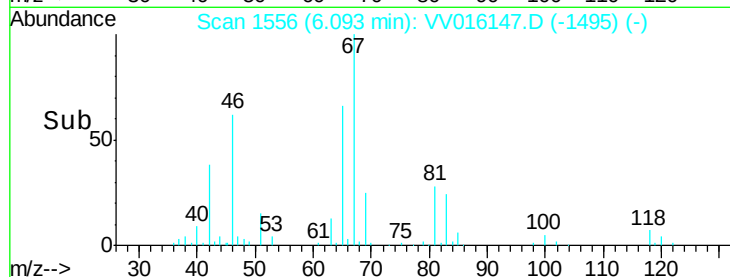
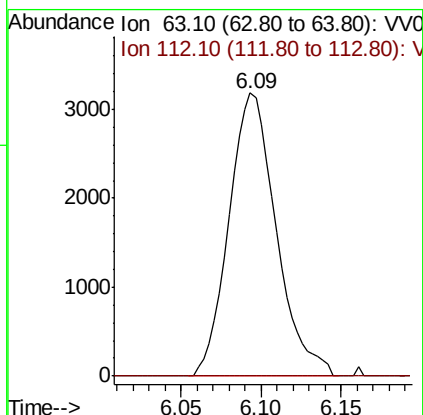
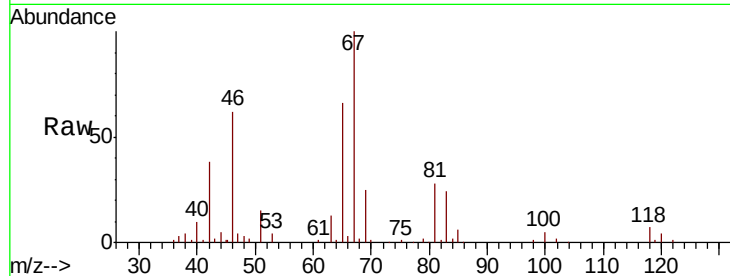




#37
 1,2-Dichloropropane
 Concen: 0.704 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016147.D
 Acq: 21 May 2020 12:47

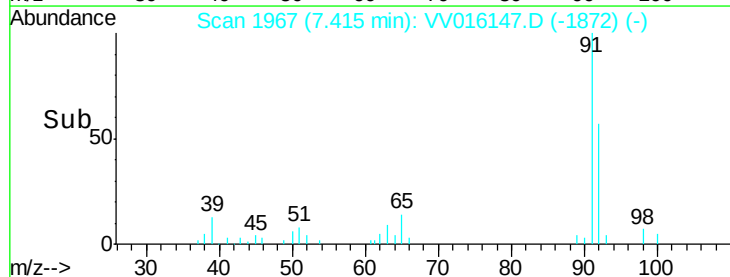
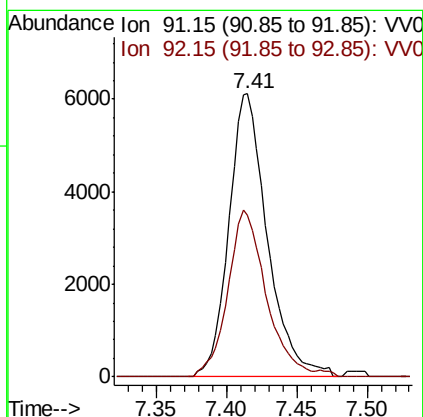
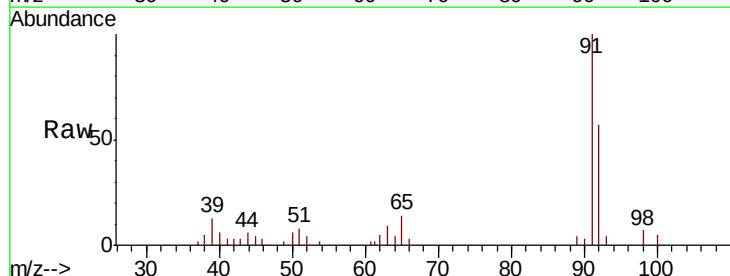
Instrument :
 MSVOA_V
 ClientSampleId :

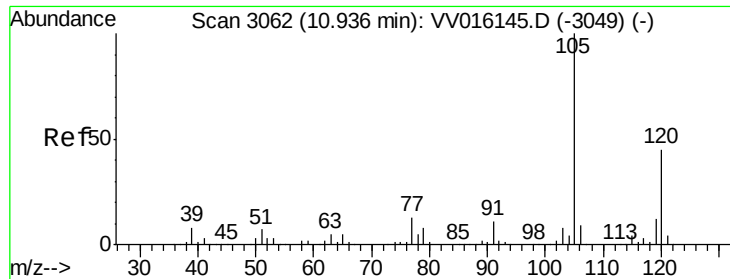
Tot Ion: 63 Resp: 6420
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#42
 Toluene
 Concen: 0.308 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016147.D
 Acq: 21 May 2020 12:47

Tgt Ion: 91 Resp: 11706
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.1 74.5

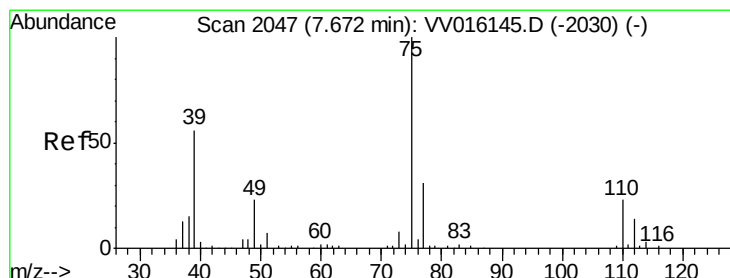
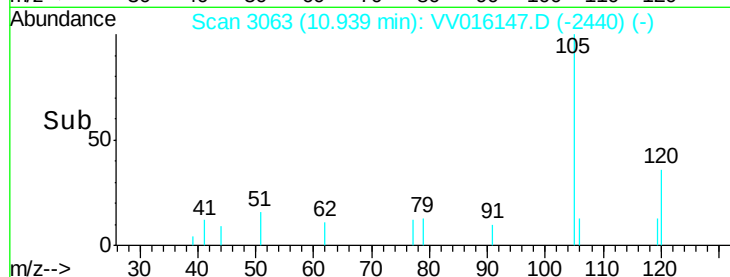
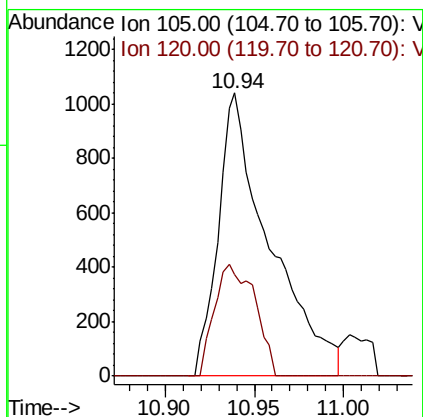
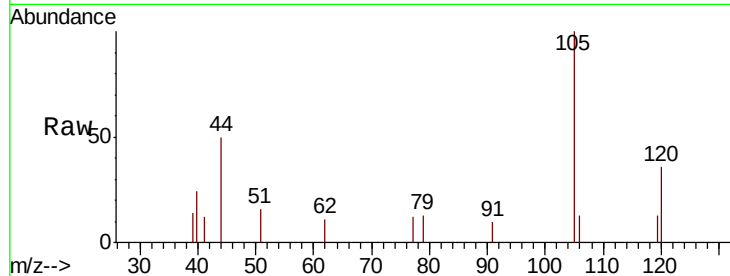




#44
1,2,4-Trimethylbenzene
Concen: 0.060 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

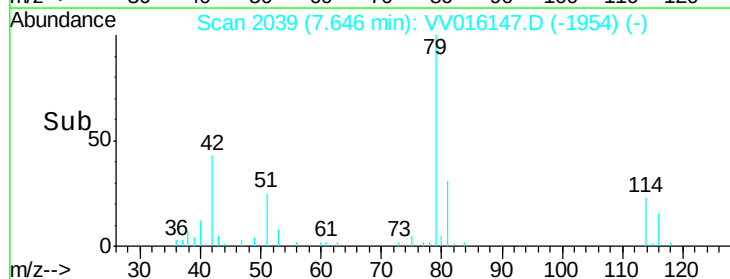
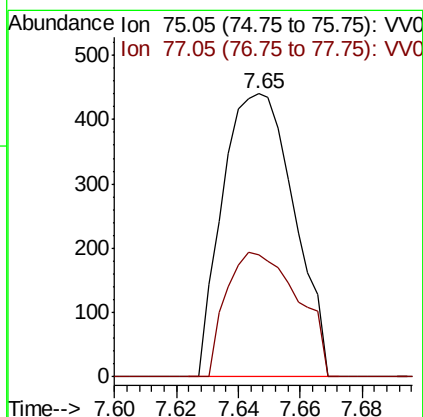
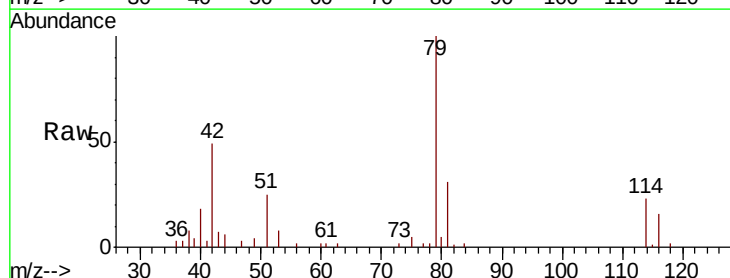
Instrument :
MSVOA_V
ClientSampled :

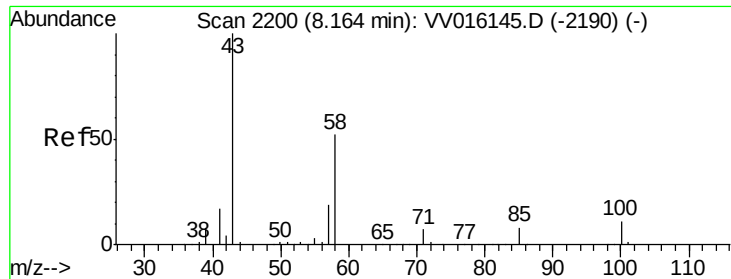
Tot Ion:105 Resp: 2077
Ion Ratio Lower Upper
105 100
120 31.0 0.0 0.0#



#46
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
77 43.0 21.3 39.6#

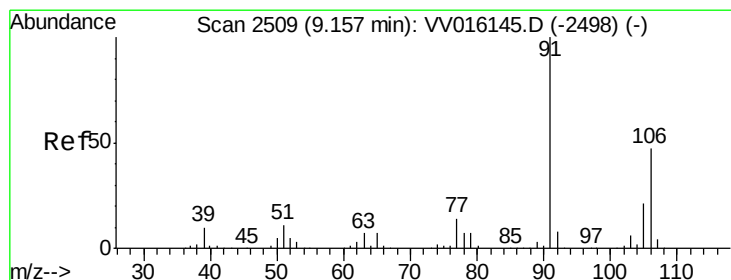
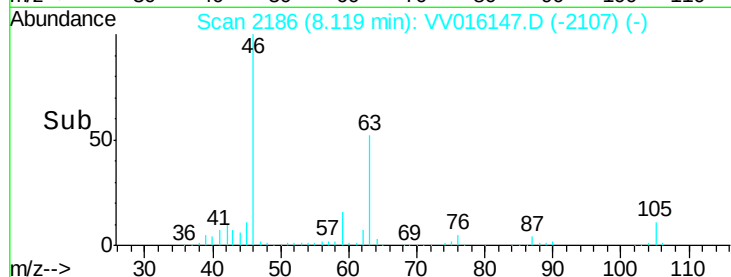
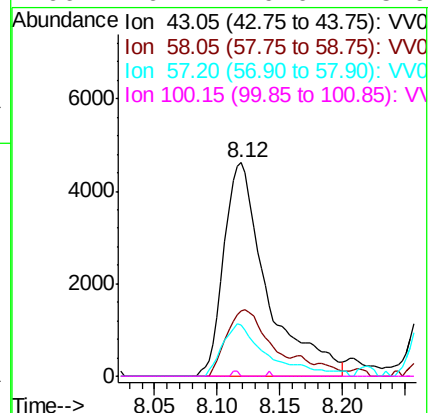
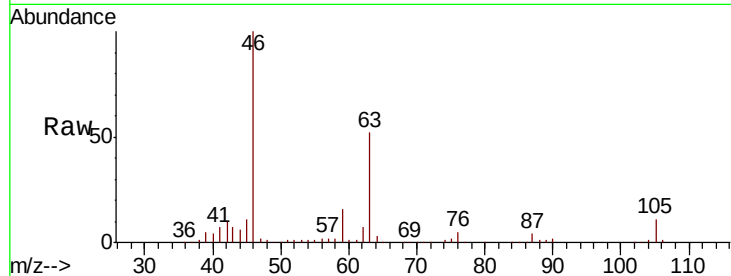




#50
2-Hexanone
Concen: 2.758 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

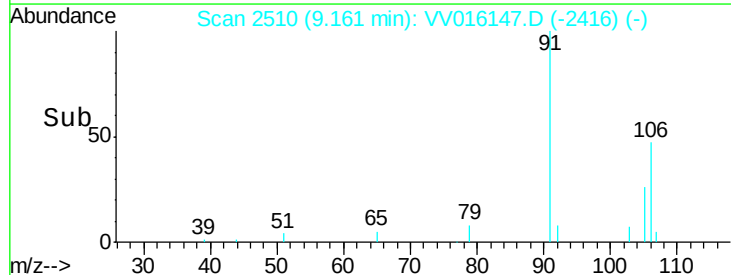
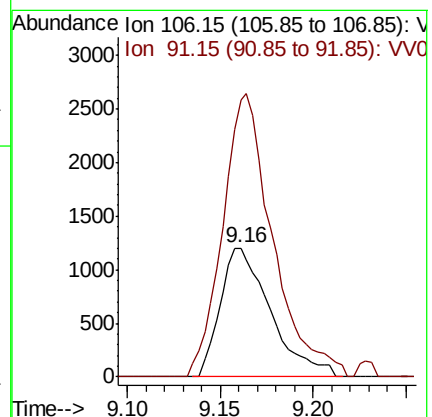
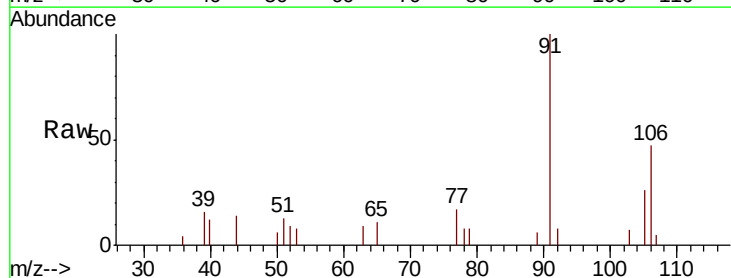
Instrument :
MSVOA_V
ClientSampleId :

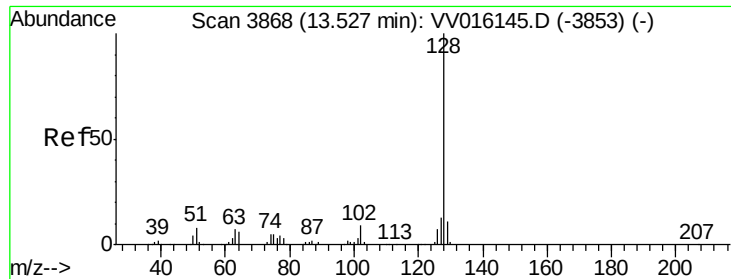
Tot Ion: 43 Resp: 11077
Ion Ratio Lower Upper
43 100
58 29.6 40.8 61.2#
57 25.0 14.7 22.1#
100 0.4 9.0 13.6#



#55
m,p-xylene
Concen: 0.141 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016147.D
Acq: 21 May 2020 12:47

Tgt Ion: 106 Resp: 2262
Ion Ratio Lower Upper
106 100
91 214.5 149.9 278.3





#70

Naphthalene

Concen: 0.445 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016147.D

Acq: 21 May 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

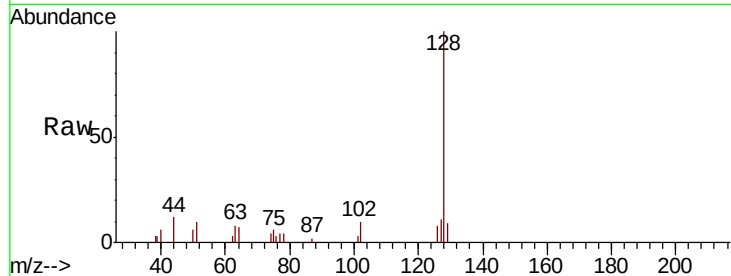
Tot Ion:128 Resp: 8010

Ion Ratio Lower Upper

128 100

129 9.3 8.5 12.7

127 11.2 10.2 15.2



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

