

Data File : VV012293.D
Acq On : 19 Aug 2019 22:41
Operator : SY/MD
Sample : K4373-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB4

Quant Time: Aug 20 02:40:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169746	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51801	5.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.40%
7) Chloroethane-d5	1.58	69	31614	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	61542	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.94	46	112172	47.97	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.40	84	103184	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	54486	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	212152	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	60331	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	201902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.66	79	23507	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	94452	56.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48155	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	94495	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1280	0.121 ug/L	87
8) Chloroethane	1.32	64	2178	0.392 ug/L	84
13) Acetone	2.19	43	3608	2.950 ug/L #	67
14) Carbon disulfide	2.32	76	1444	0.067 ug/L #	71
33) Benzene	5.15	78	3040	0.066 ug/L	100
35) Methylcyclohexane	6.17	83	1427	0.071 ug/L #	83
37) 1,2-Dichloropropane	6.12	63	6828	0.638 ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1778	0.105 ug/L	87
42) Toluene	7.43	91	5880	0.116 ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	899	0.066 ug/L #	70
48) 2-Hexanone	8.18	43	3951	0.977 ug/L #	81
52) Ethylbenzene	9.06	91	9189	0.162 ug/L	97
53) m,p-xylene	9.18	106	4886	0.221 ug/L	76
54) o-xylene	9.59	106	2383	0.112 ug/L	95
56) Isopropylbenzene	9.97	105	5455	0.093 ug/L #	95
69) Naphthalene	13.55	128	992897	36.968 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

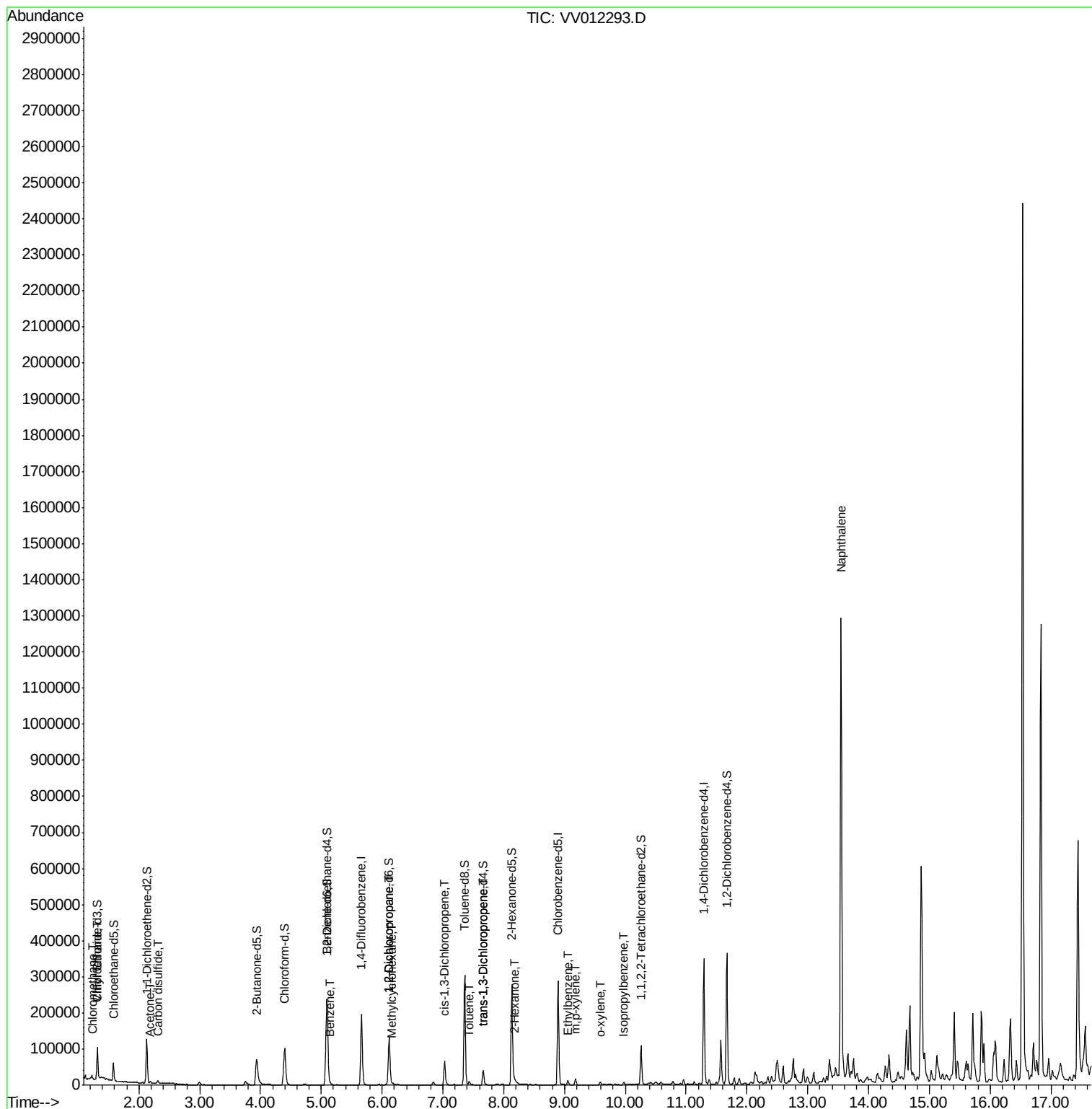
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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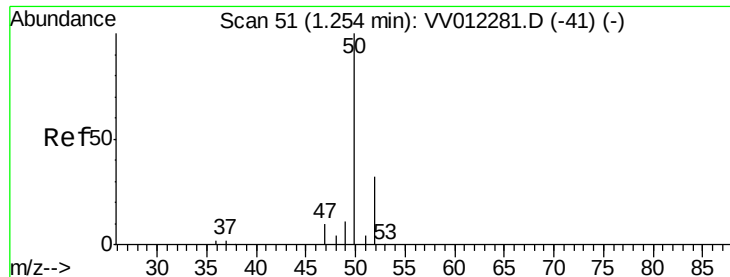
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012293.D

Acq: 19 Aug 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

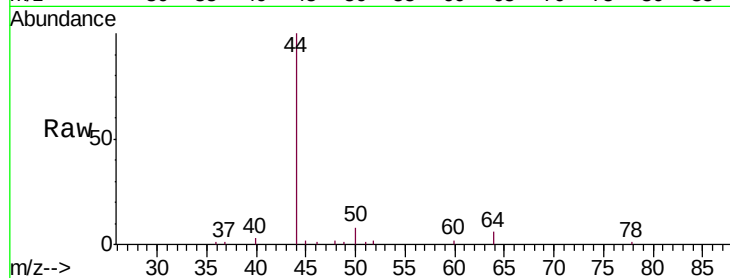
C0AB4

Tgt Ion: 50 Resp: 1280

Ion Ratio Lower Upper

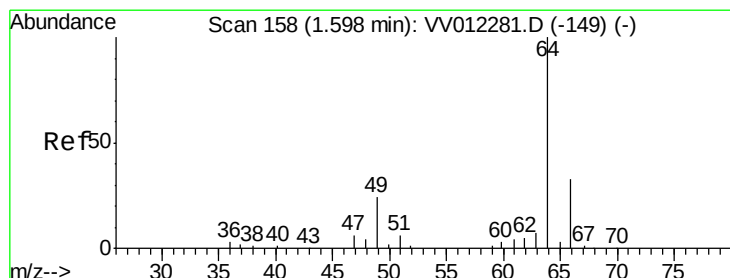
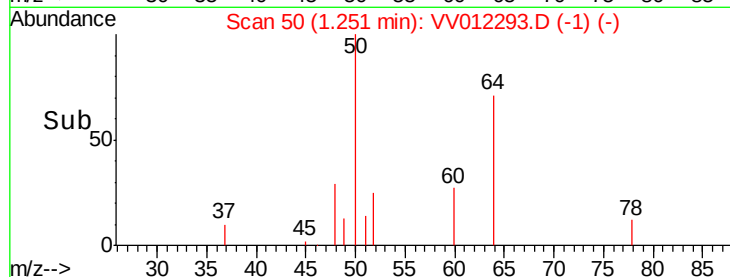
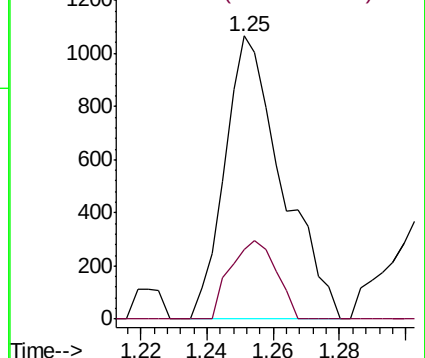
50 100

52 24.8 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.392 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV012293.D

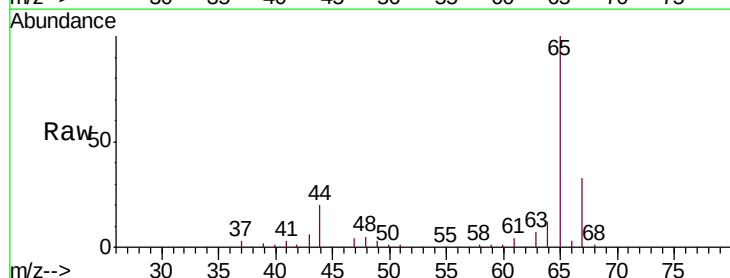
Acq: 19 Aug 2019 22:41

Tgt Ion: 64 Resp: 2178

Ion Ratio Lower Upper

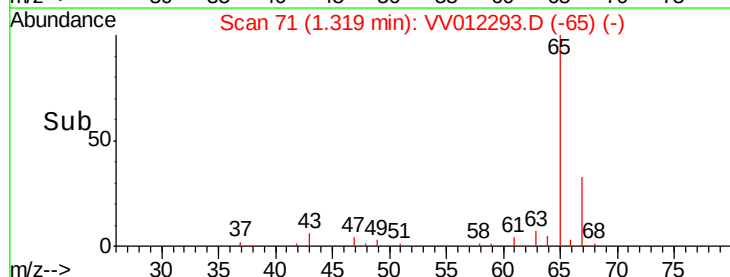
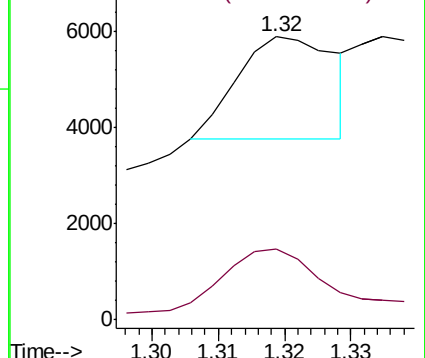
64 100

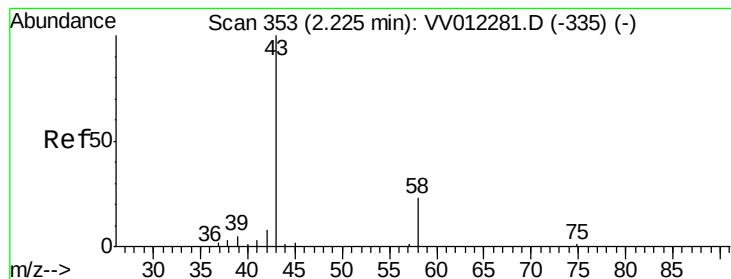
66 24.8 23.7 44.1



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.950 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012293.D

Acq: 19 Aug 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

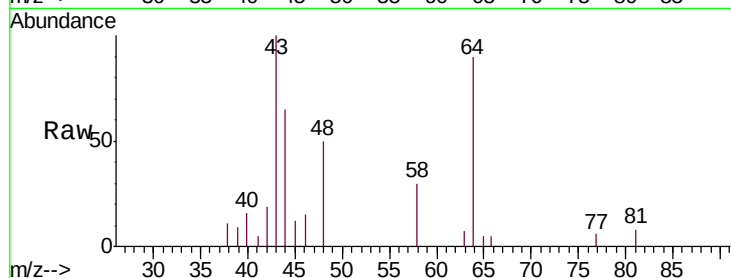
C0AB4

Tgt Ion: 43 Resp: 3608

Ion Ratio Lower Upper

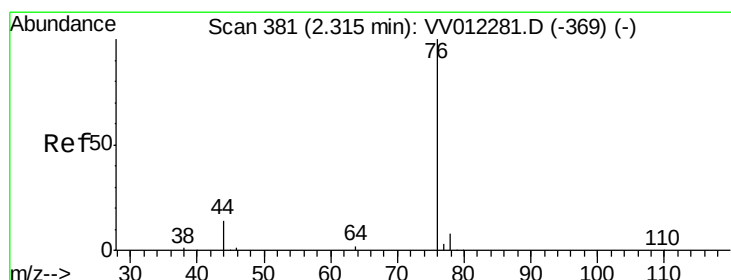
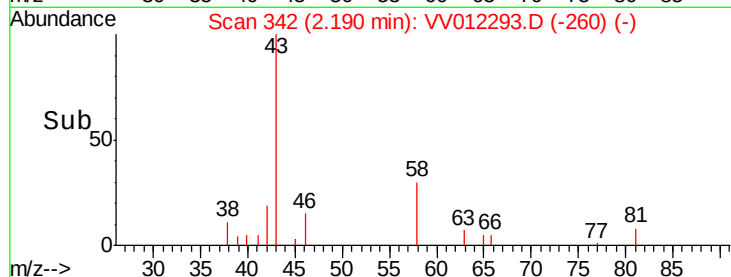
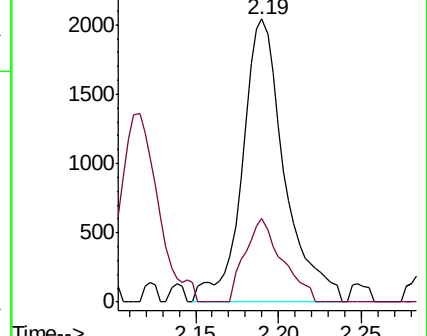
43 100

58 25.9 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.067 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012293.D

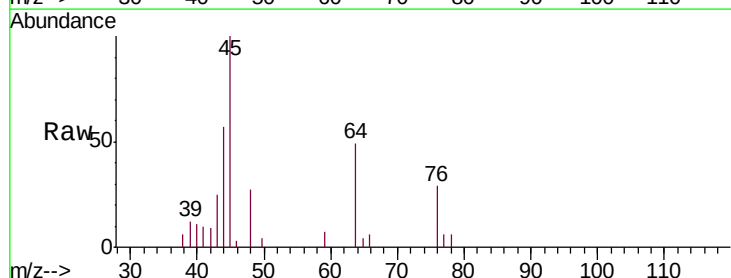
Acq: 19 Aug 2019 22:41

Tgt Ion: 76 Resp: 1444

Ion Ratio Lower Upper

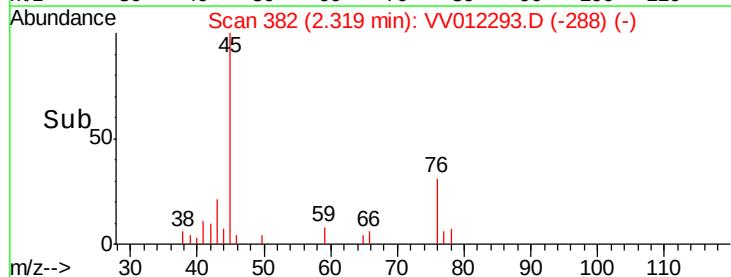
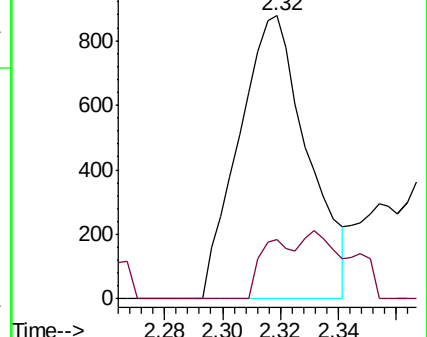
76 100

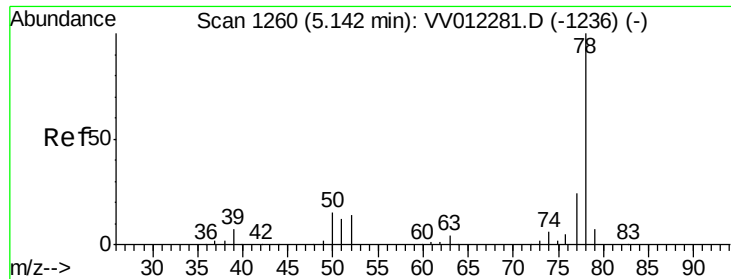
78 21.2 8.3 12.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

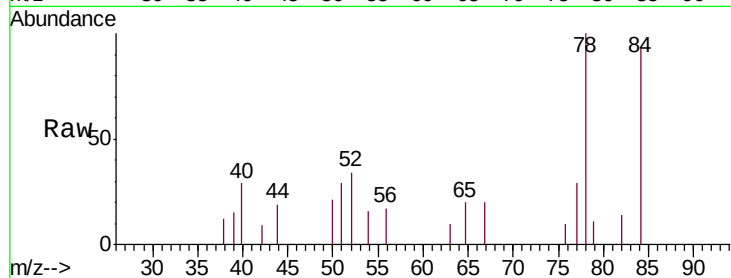




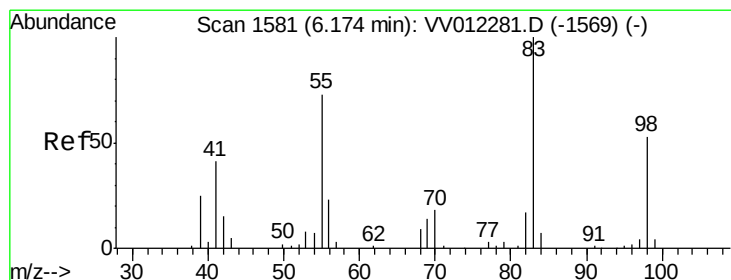
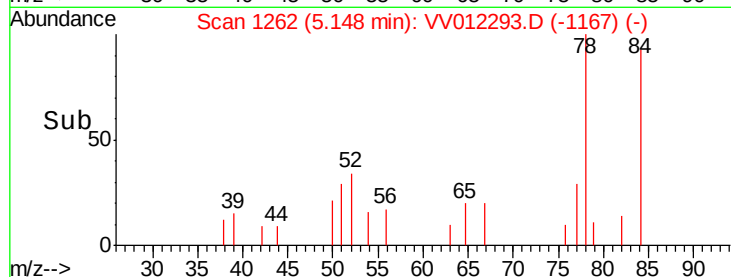
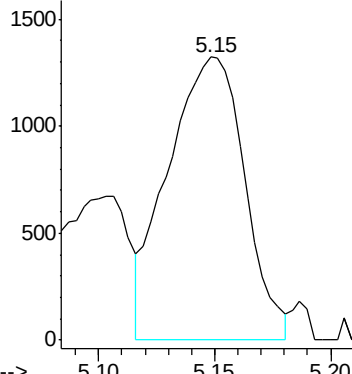
#33
Benzene
Concen: 0.066 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

Instrument :
MSVOA_V
ClientSampled :
C0AB4

Tgt Ion: 78 Resp: 3040

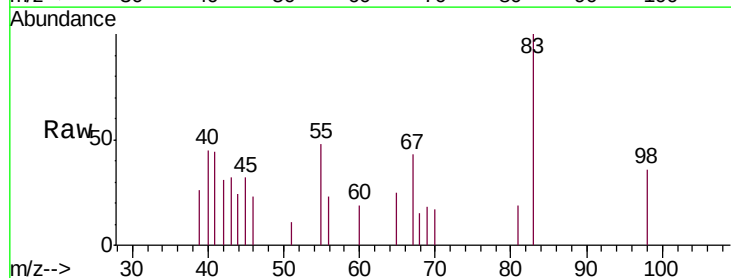


Abundance Ion 78.10 (77.80 to 78.80): VV0



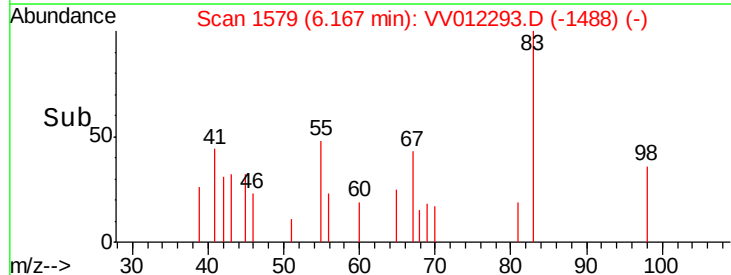
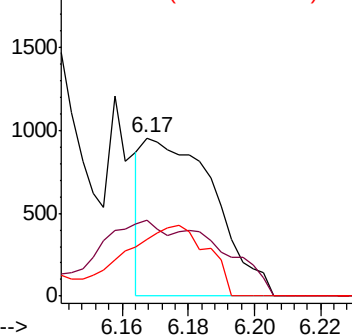
#35
Methylcyclohexane
Concen: 0.071 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

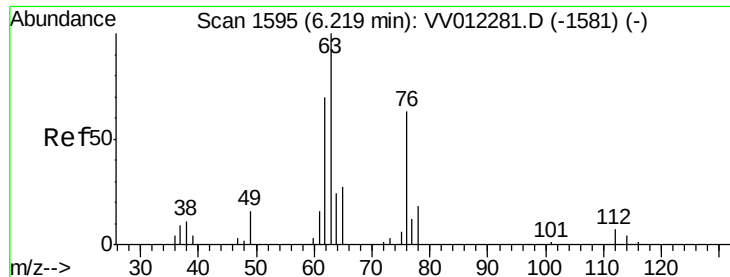
Tgt Ion: 83 Resp: 1427
Ion Ratio Lower Upper
83 100
55 48.4 57.3 85.9#
98 51.6 40.3 60.5



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

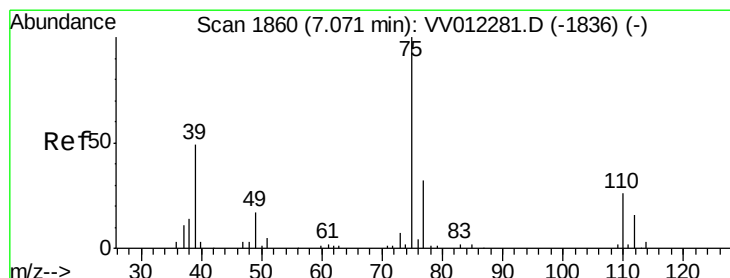
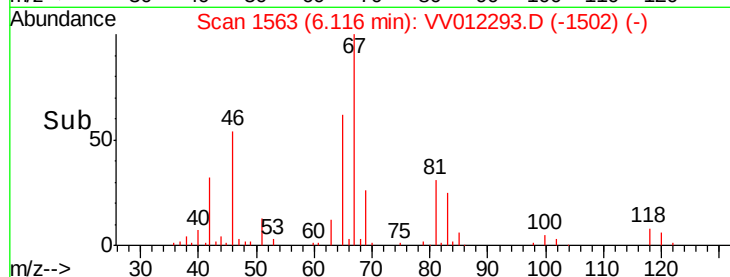
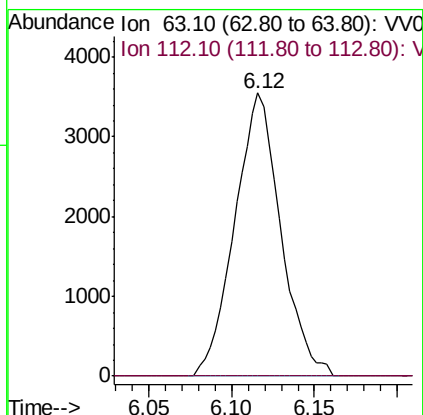
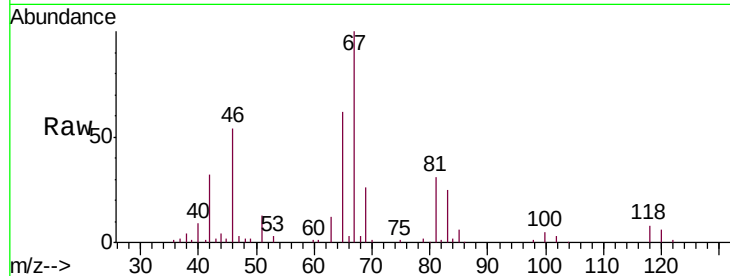




#37
 1,2-Dichloropropane
 Concen: 0.638 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012293.D
 Acq: 19 Aug 2019 22:41

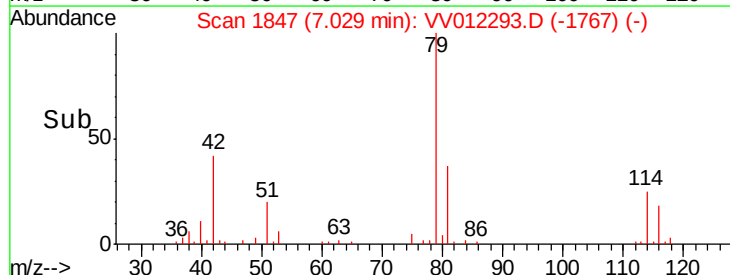
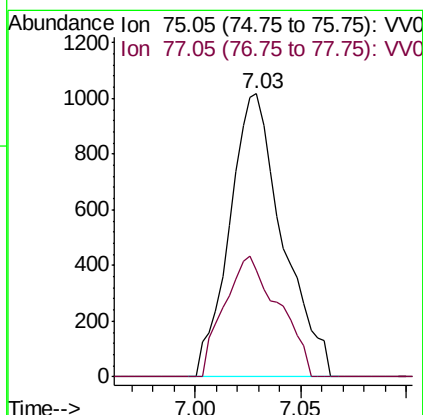
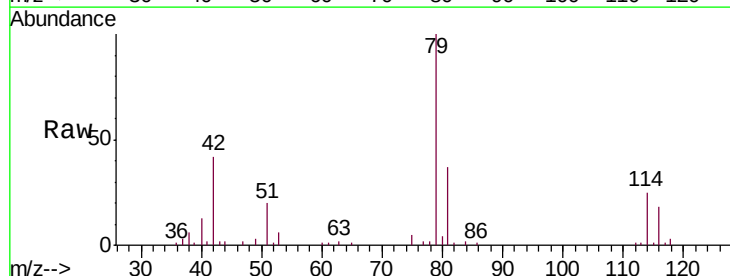
Instrument :
 MSVOA_V
 ClientSampled :
 C0AB4

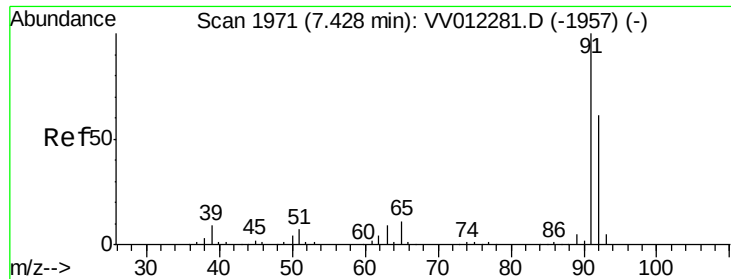
Tgt Ion: 63 Resp: 6828
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.1 7.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012293.D
 Acq: 19 Aug 2019 22:41

Tgt Ion: 75 Resp: 1778
 Ion Ratio Lower Upper
 75 100
 77 37.9 21.5 39.9





#42

Toluene

Concen: 0.116 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012293.D

Acq: 19 Aug 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

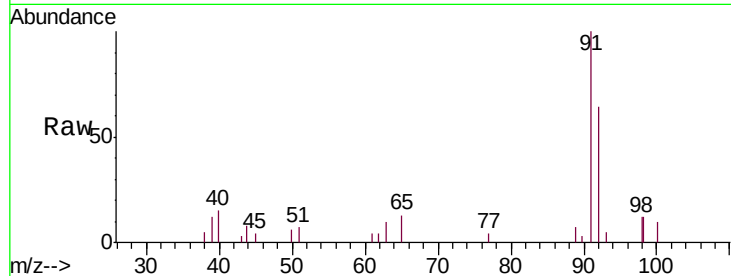
C0AB4

Tgt Ion: 91 Resp: 5880

Ion Ratio Lower Upper

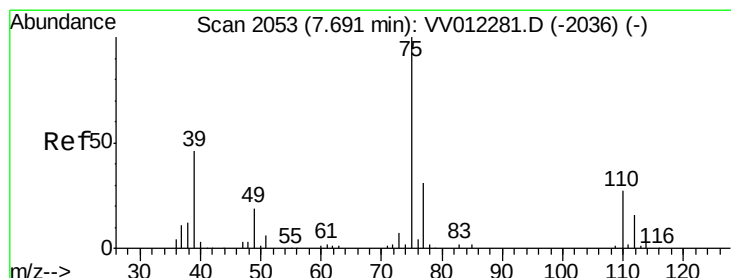
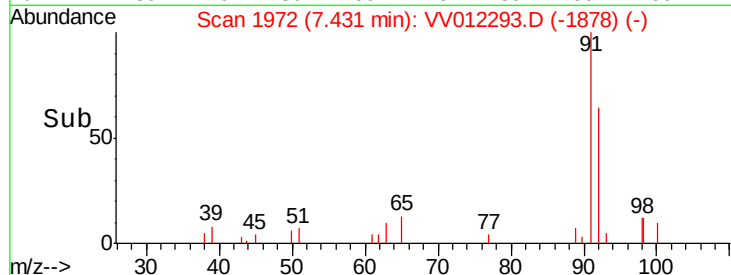
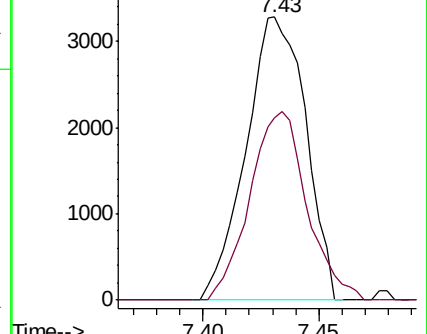
91 100

92 64.3 41.6 77.3



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: 0.066 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012293.D

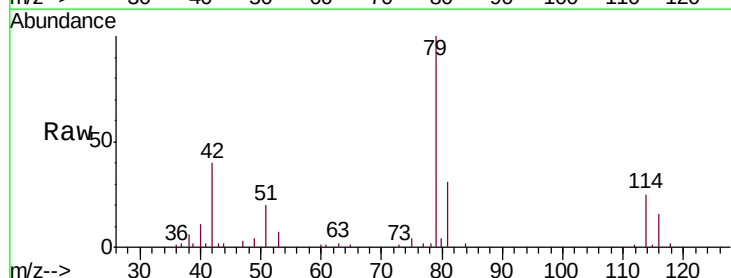
Acq: 19 Aug 2019 22:41

Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

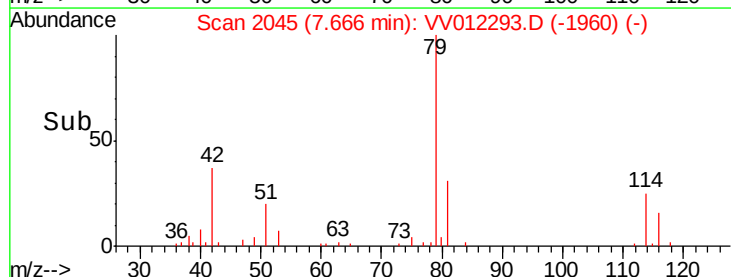
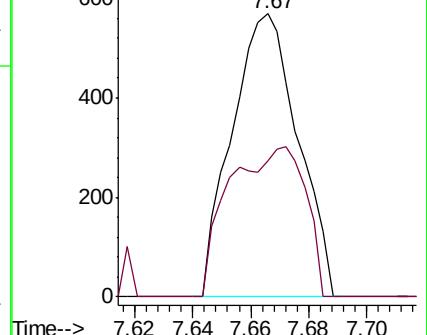
75 100

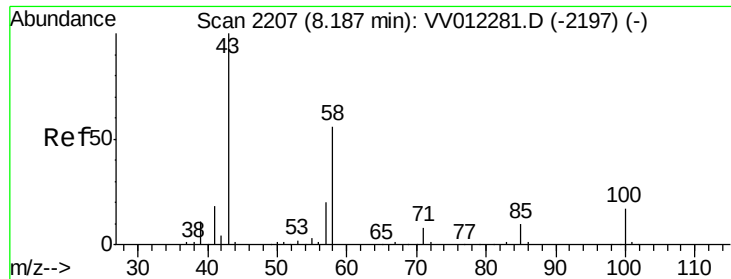
77 48.0 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

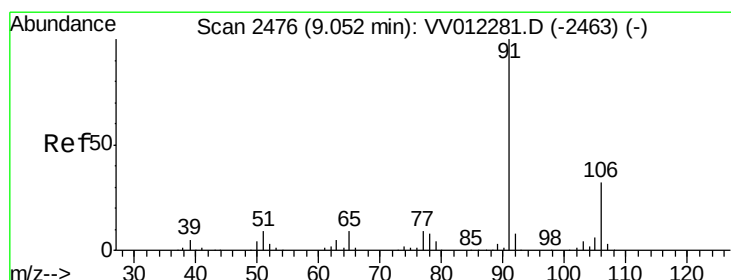
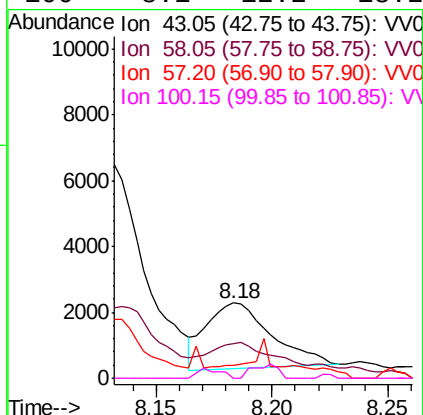
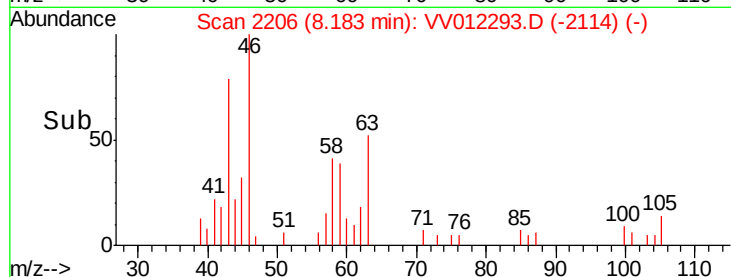
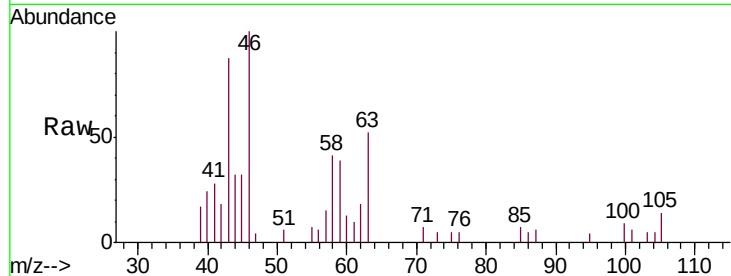




#48
2-Hexanone
Concen: 0.977 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

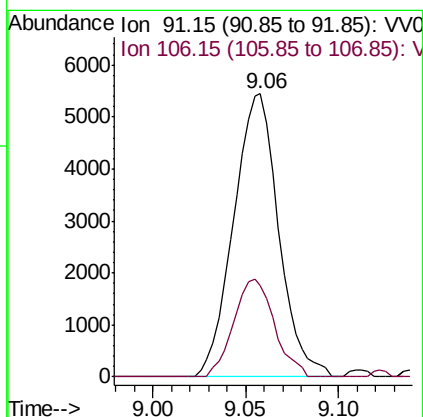
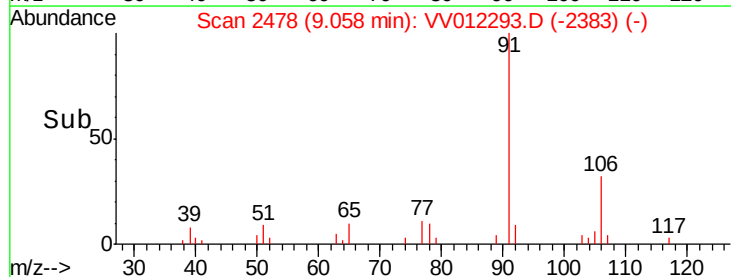
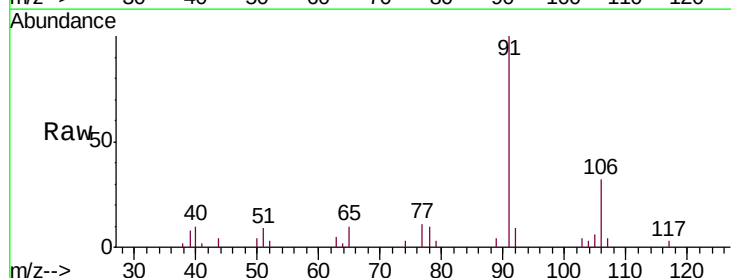
Instrument :
MSVOA_V
ClientSampleId :
C0AB4

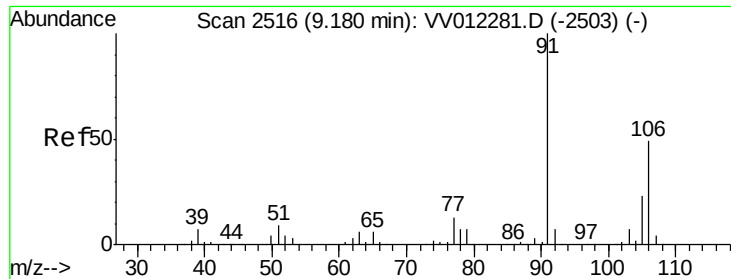
Tgt Ion: 43 Resp: 3951
Ion Ratio Lower Upper
43 100
58 44.5 45.4 68.2#
57 9.0 16.8 25.2#
100 8.1 12.2 18.2#



#52
Ethylbenzene
Concen: 0.162 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.01 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

Tgt Ion: 91 Resp: 9189
Ion Ratio Lower Upper
91 100
106 32.3 21.6 40.0

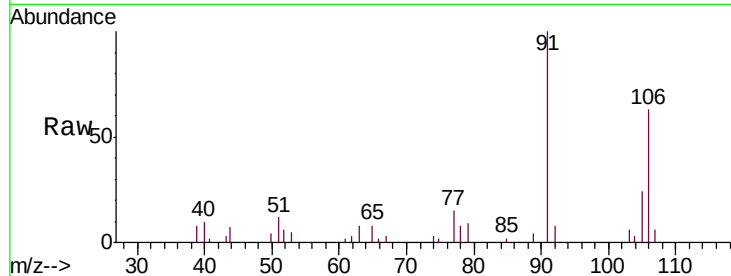




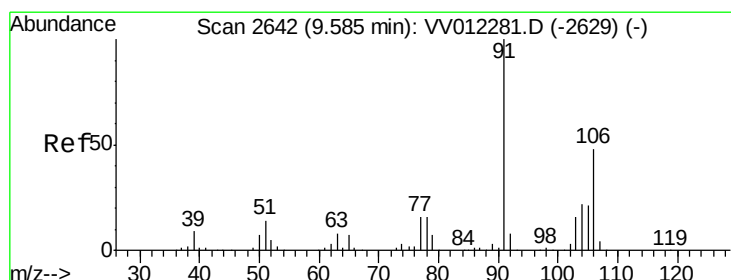
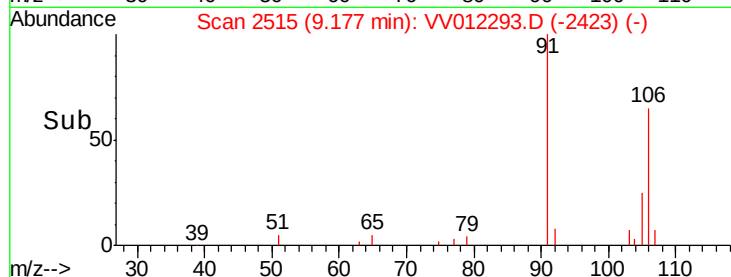
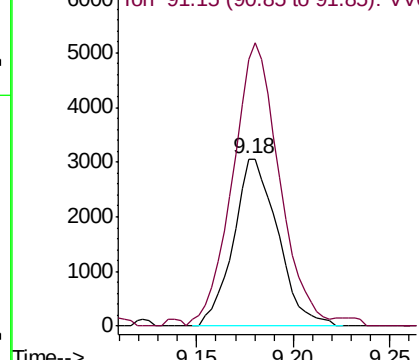
#53
m,p-xylene
Concen: 0.221 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

Instrument :
MSVOA_V
ClientSampleId :
C0AB4

Tgt Ion:106 Resp: 4886
Ion Ratio Lower Upper
106 100
91 159.1 136.0 252.6

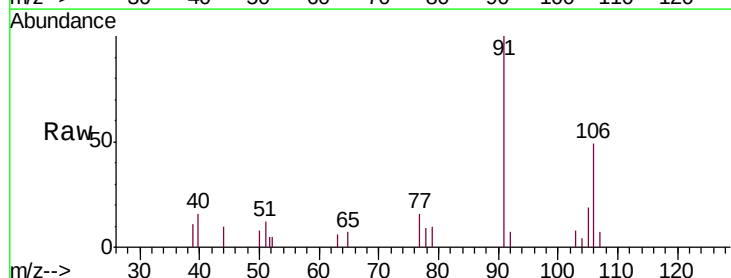


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

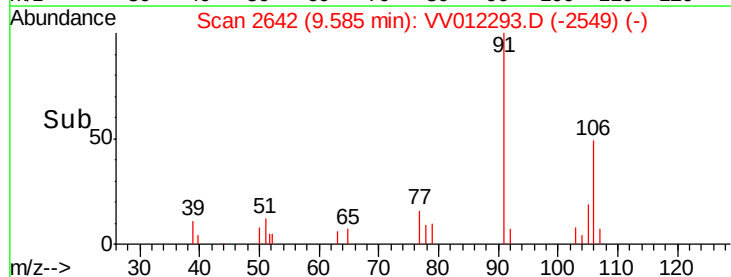
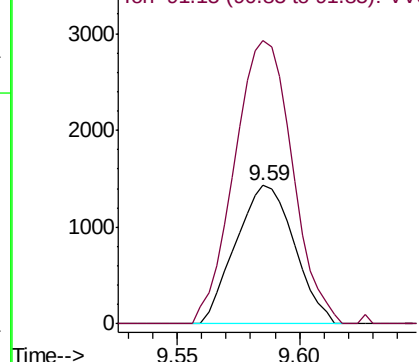


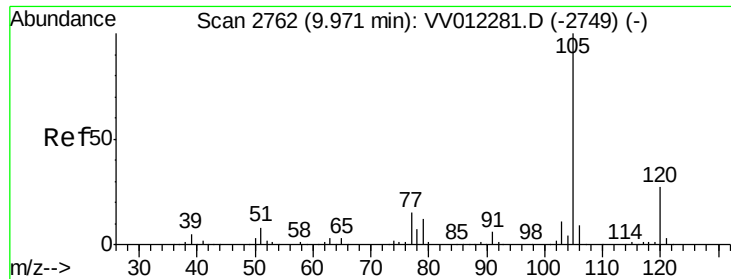
#54
o-xylene
Concen: 0.112 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012293.D
Acq: 19 Aug 2019 22:41

Tgt Ion:106 Resp: 2383
Ion Ratio Lower Upper
106 100
91 204.4 148.7 276.1



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





#56

Isopropylbenzene

Concen: 0.093 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012293.D

Acq: 19 Aug 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

C0AB4

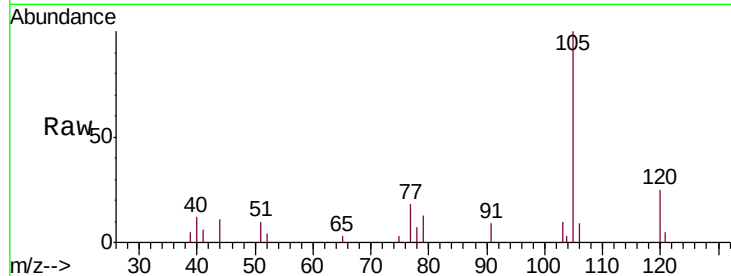
Tgt Ion:105 Resp: 5455

Ion Ratio Lower Upper

105 100

120 25.9 21.4 32.0

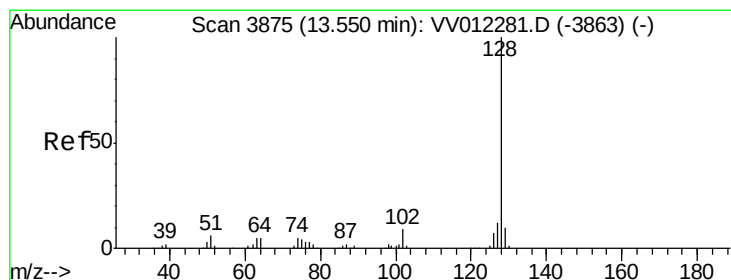
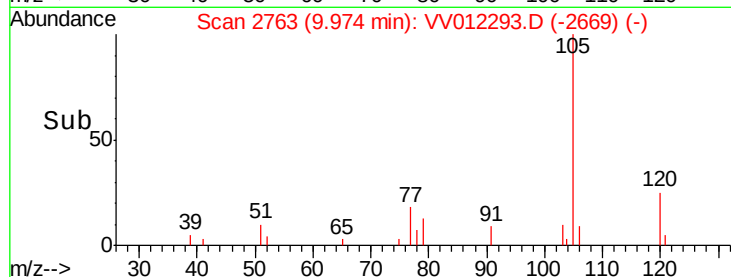
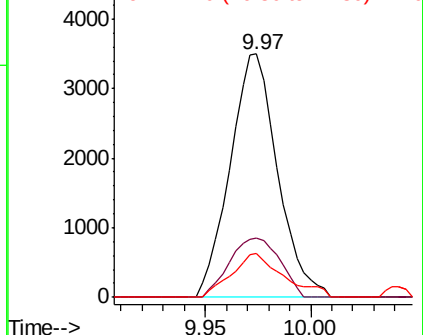
77 19.8 12.2 18.2#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

Naphthalene

Concen: 36.968 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. -0.00 min

Lab File: VV012293.D

Acq: 19 Aug 2019 22:41

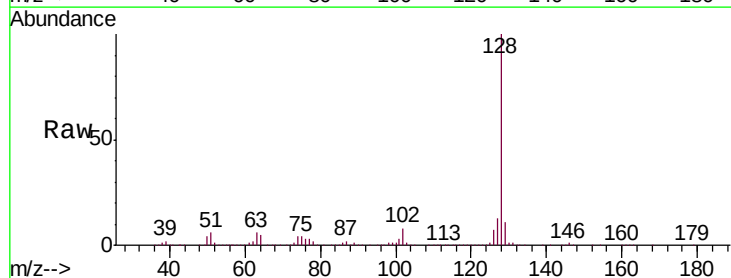
Tgt Ion:128 Resp: 992897

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.8 10.5 15.7



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

