

Data File : VU035143.D
Acq On : 14 Oct 2019 11:29
Operator : JC/SP
Sample : K5311-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

Quant Time: Oct 15 07:07:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	157539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49033	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.67	69	46635	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.26	63	71180	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.17	46	149625	54.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	4.62	84	95564	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.29	65	53721	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.32	84	182126	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.31	67	65305	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.55	98	157707	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.84	79	19587	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.30	63	102919	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55792	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	56277	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	2982	0.189 ug/L	89
13) Acetone	2.32	43	13207	5.880 ug/L	95
16) Methylene chloride	2.68	84	1367	0.109 ug/L #	76
21) 2-Butanone	4.38	43	23424	7.323 ug/L #	48
25) Chloroform	4.65	83	5953	0.246 ug/L	98
27) 1,2-Dichloroethane	5.39	62	2000	0.142 ug/L #	77
35) Methylcyclohexane	6.31	83	14646	0.713 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7380	0.556 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1476	0.082 ug/L #	76
42) Toluene	7.62	91	24497	0.477 ug/L	97
48) 2-Hexanone	8.35	43	5650	0.987 ug/L #	86
52) Ethylbenzene	9.23	91	6036	0.106 ug/L	99
53) m,p-Xylene	9.36	106	3387	0.162 ug/L	100
54) o-Xylene	9.77	106	2106	0.103 ug/L	99
55) Styrene	9.78	104	6673	0.201 ug/L	99
59) 1,2,3-Trichloropropane	11.47	75	8952	1.042 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

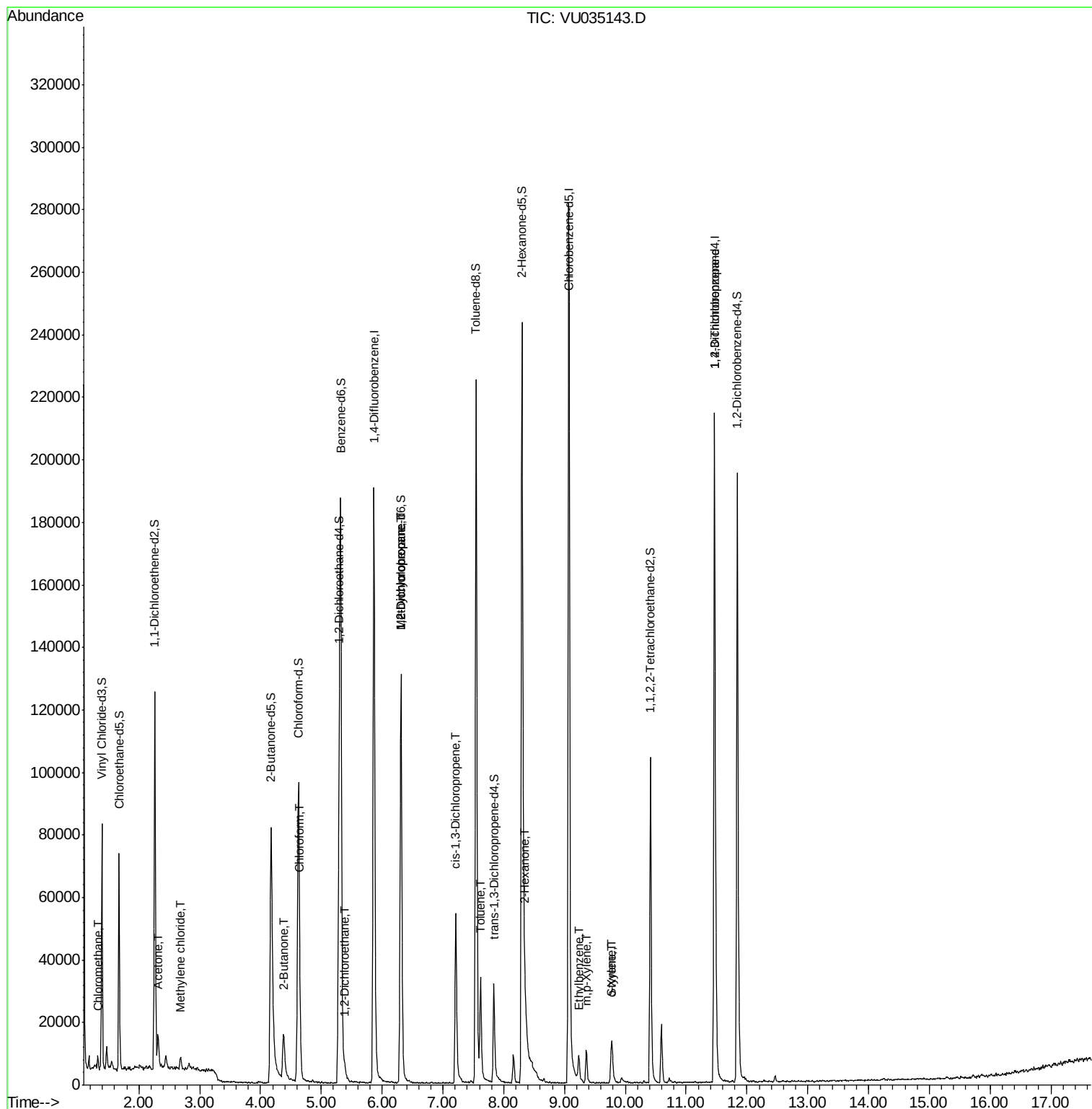
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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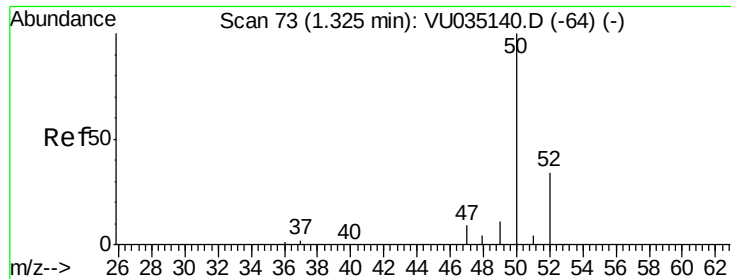
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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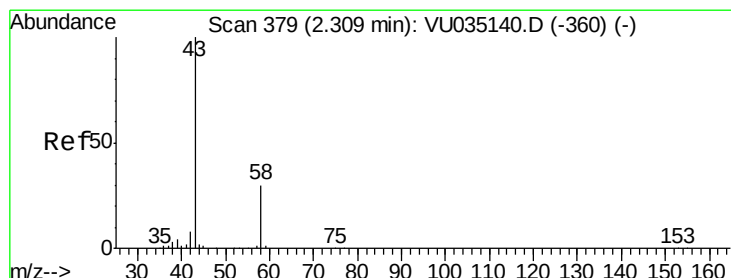
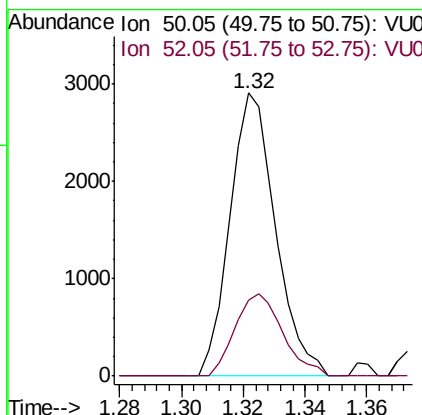
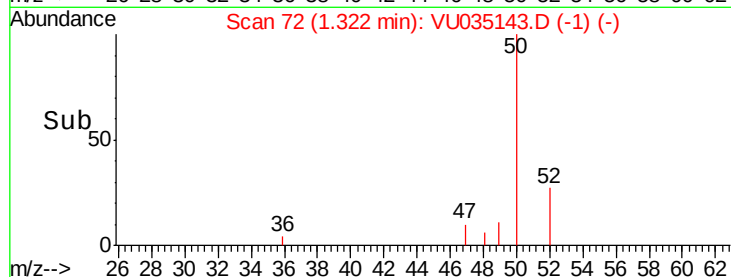
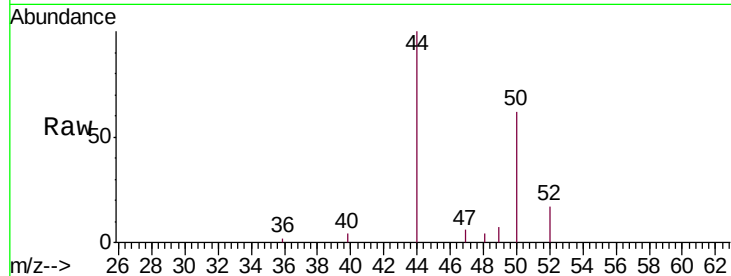




#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

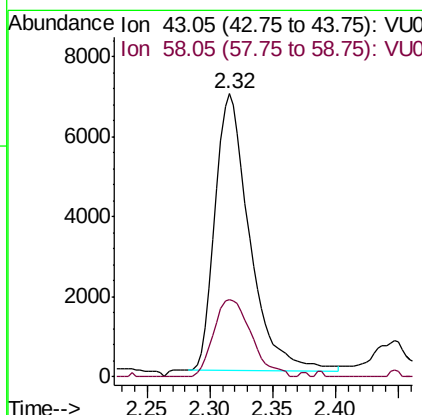
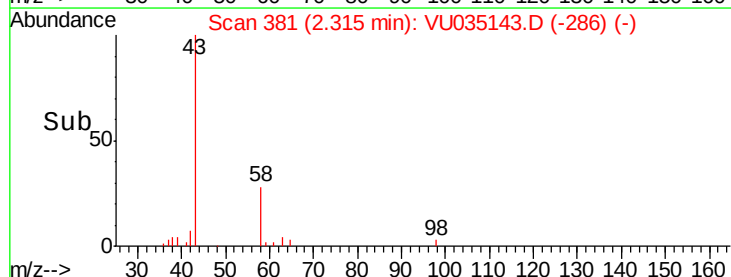
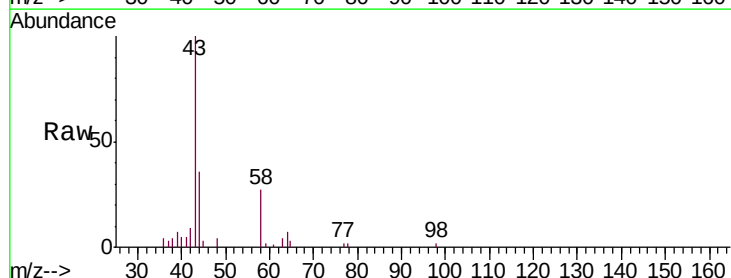
Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

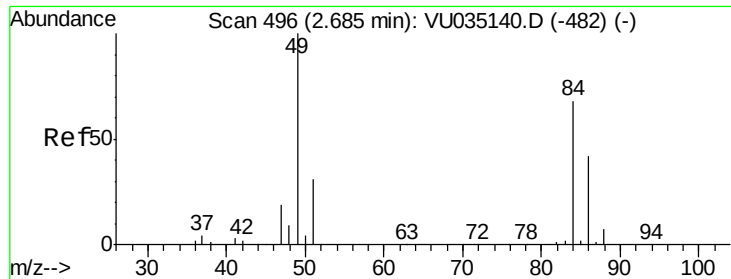
Tgt Ion: 50 Resp: 2982
Ion Ratio Lower Upper
50 100
52 27.1 23.3 43.3



#13
Acetone
Concen: 5.880 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 43 Resp: 13207
Ion Ratio Lower Upper
43 100
58 30.5 0.0 66.6

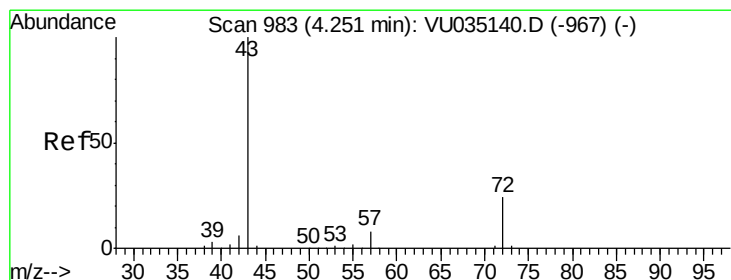
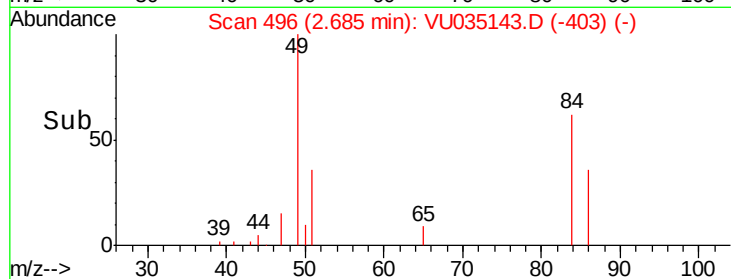
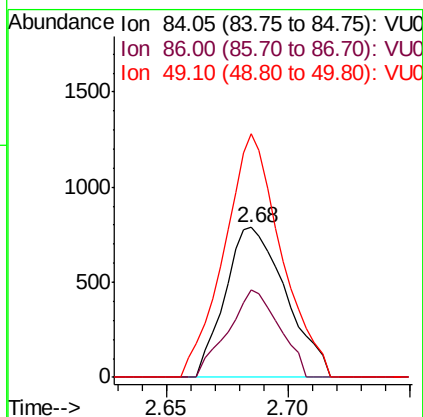
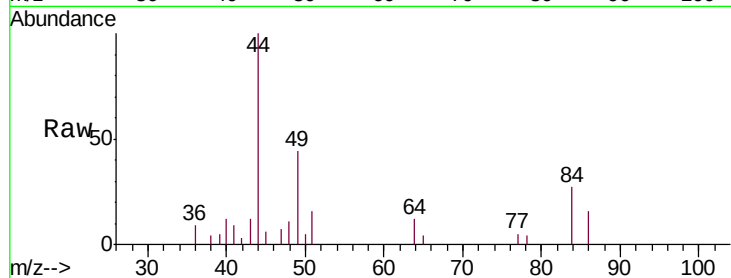




#16
Methylene chloride
Concen: 0.109 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

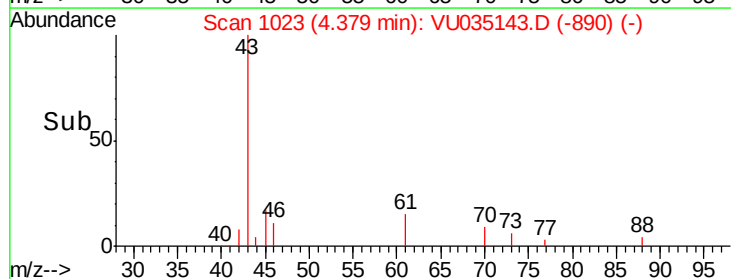
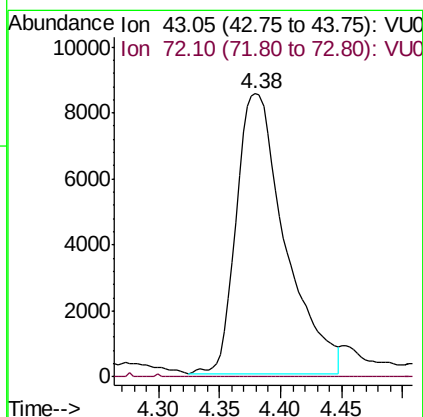
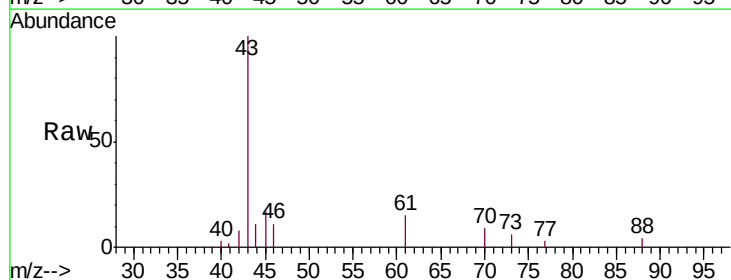
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ClientSampleId :
TB-3-191007-1

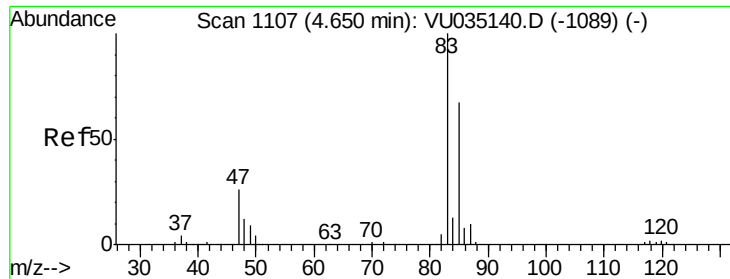
Tgt Ion: 84 Resp: 1367
Ion Ratio Lower Upper
84 100
86 58.0 42.5 78.9
49 162.4 86.9 161.3#



#21
2-Butanone
Concen: 7.323 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.13 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 43 Resp: 23424
Ion Ratio Lower Upper
43 100
72 0.1 13.5 40.4#

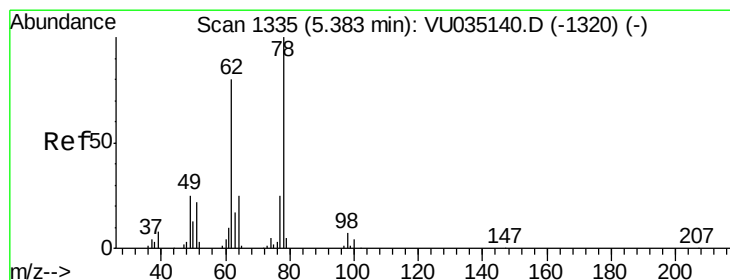
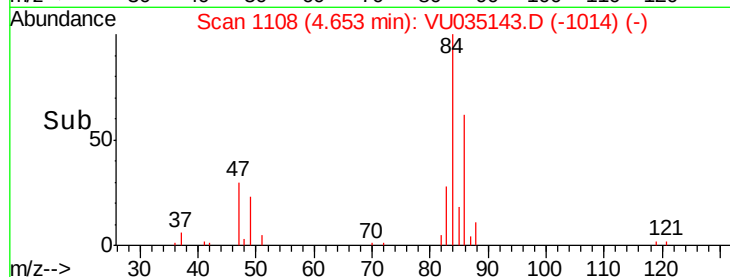
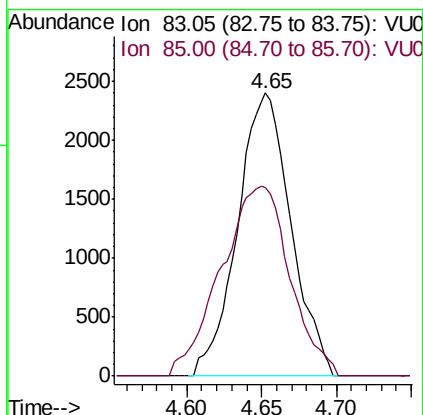
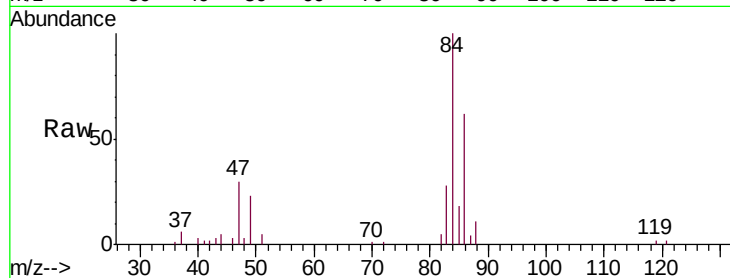




#25
Chloroform
Concen: 0.246 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

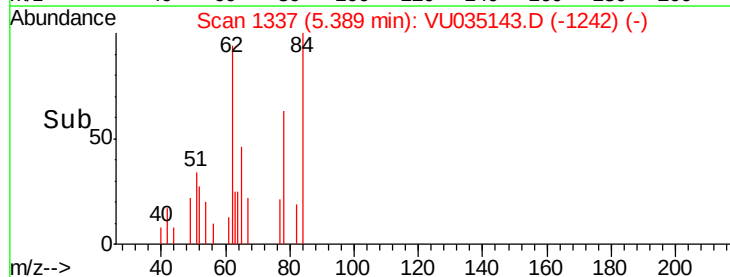
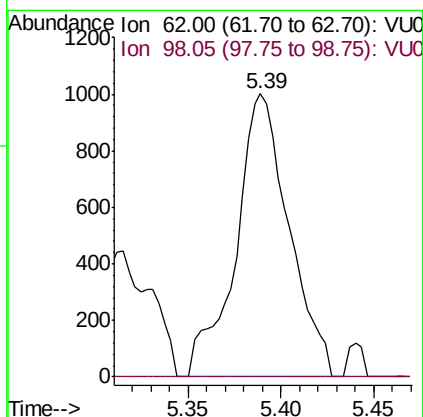
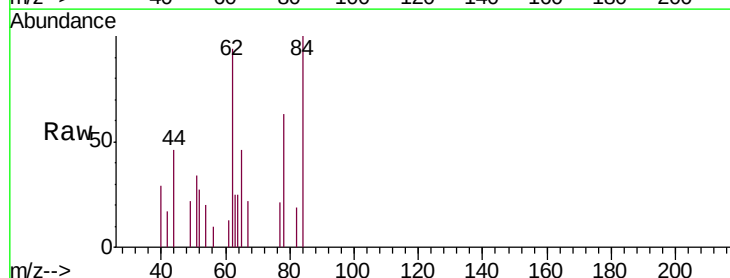
Instrument :
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ClientSampleId :
TB-3-191007-1

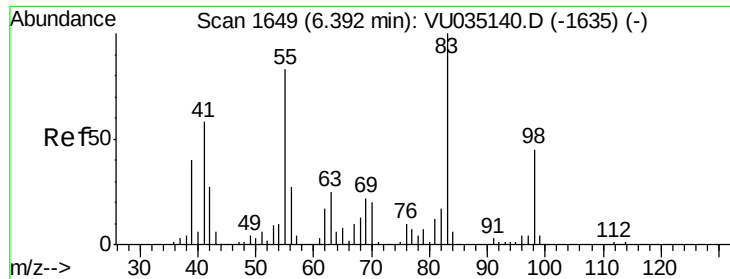
Tgt Ion: 83 Resp: 5953
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.142 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 62 Resp: 2000
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

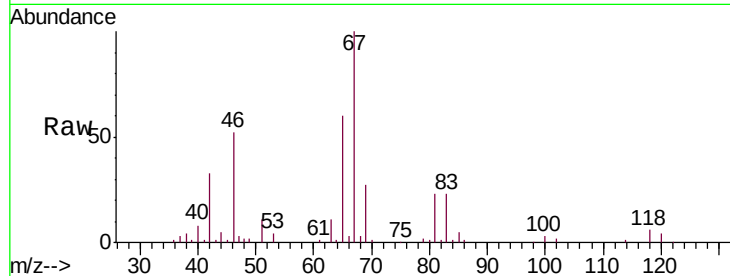




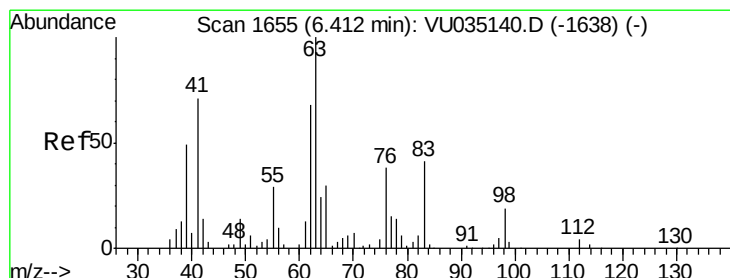
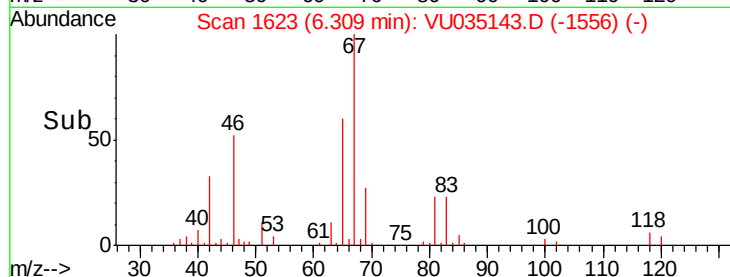
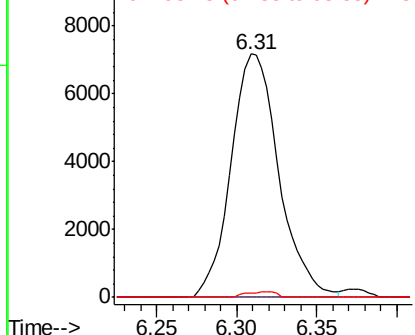
#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

Tgt Ion: 83 Resp: 14646
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.4 36.2 54.2#

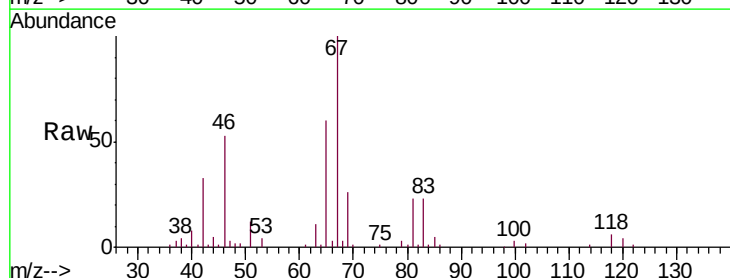


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

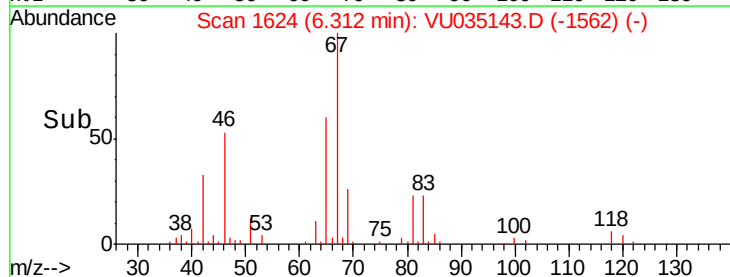
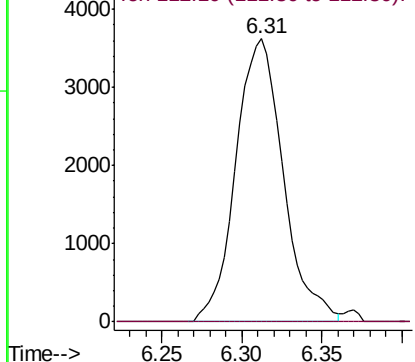


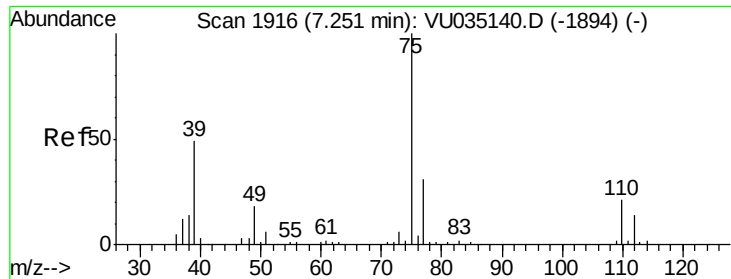
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 63 Resp: 7380
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

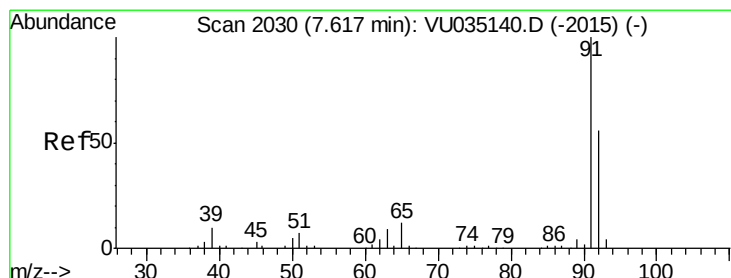
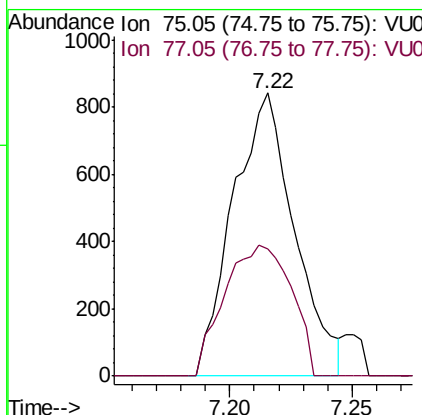
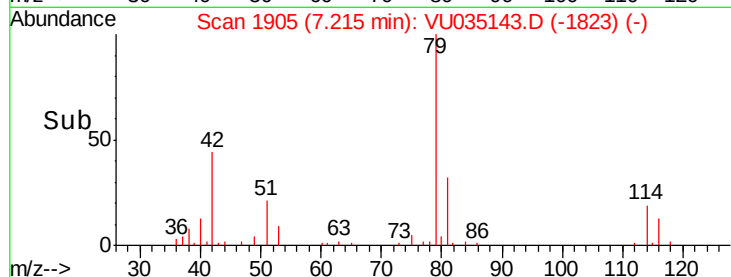
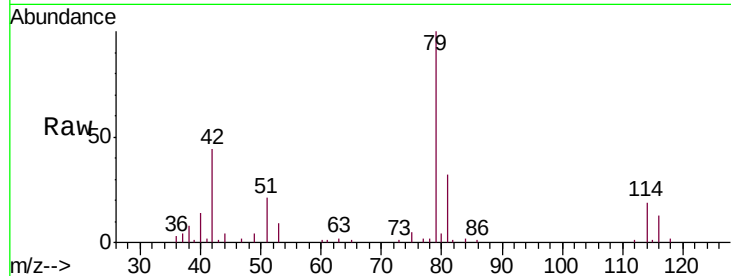




#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.22 min Scan# 1905
 Delta R.T. -0.04 min
 Lab File: VU035143.D
 Acq: 14 Oct 2019 11:29

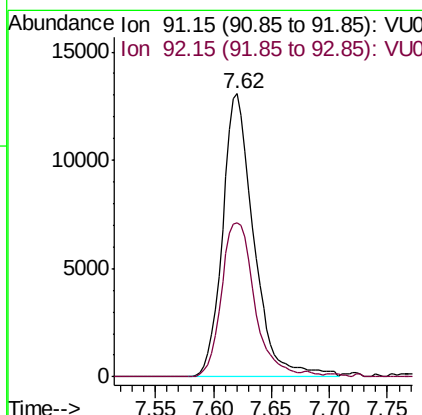
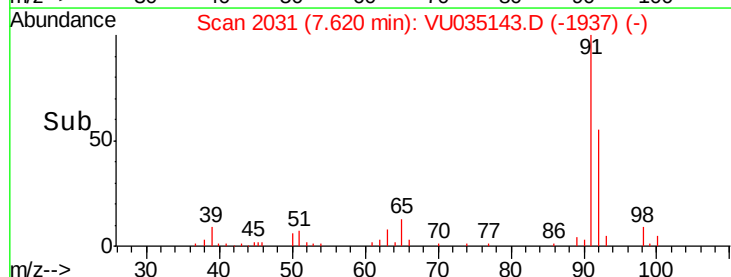
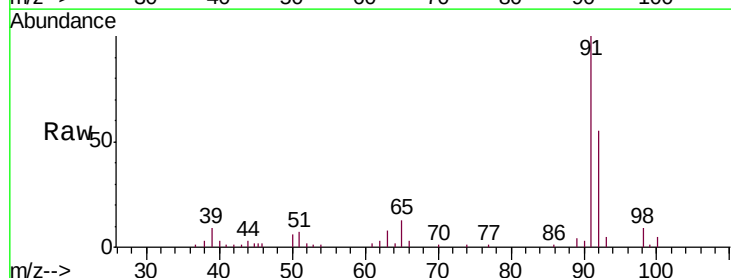
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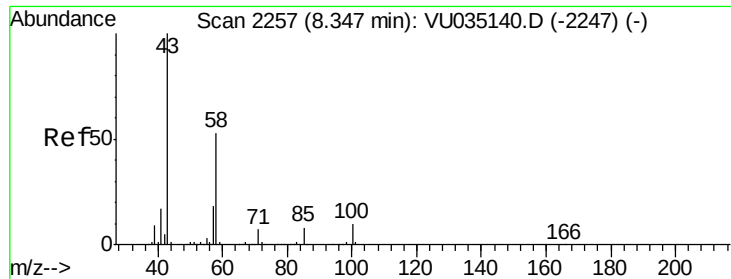
Tgt Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.1 41.1#



#42
 Toluene
 Concen: 0.477 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU035143.D
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Tgt Ion: 91 Resp: 24497
 Ion Ratio Lower Upper
 91 100
 92 54.7 40.0 74.2

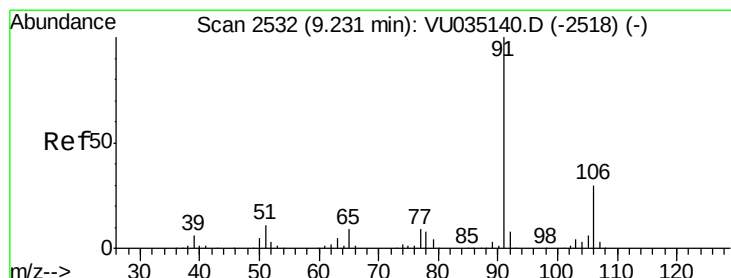
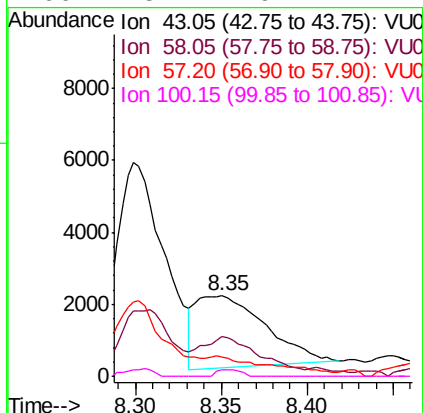
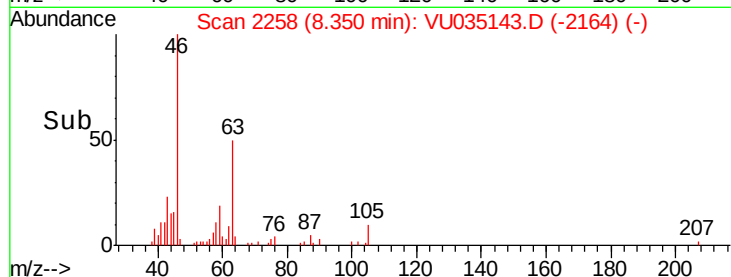
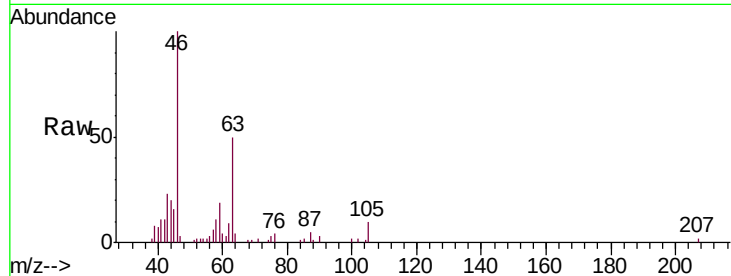




#48
2-Hexanone
Concen: 0.987 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

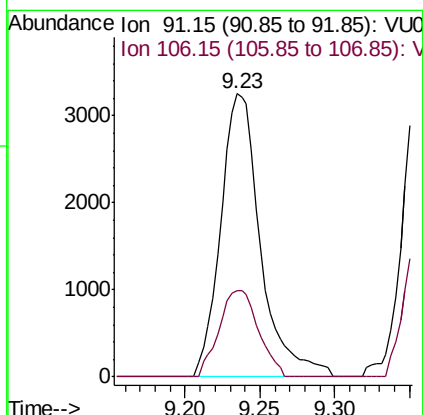
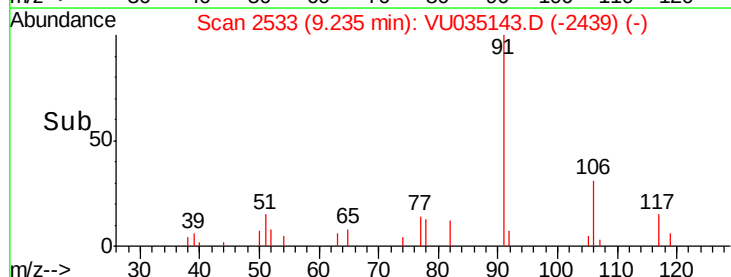
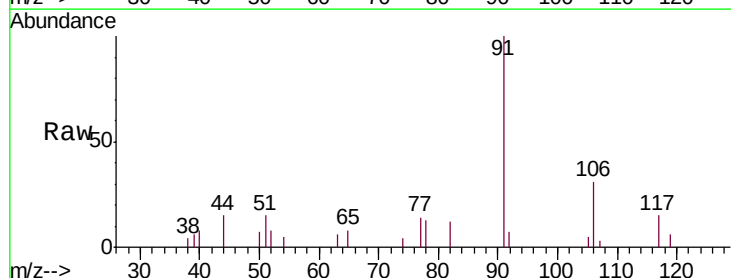
Instrument :
MSVOA_U
ClientSampleId :
TB-3-191007-1

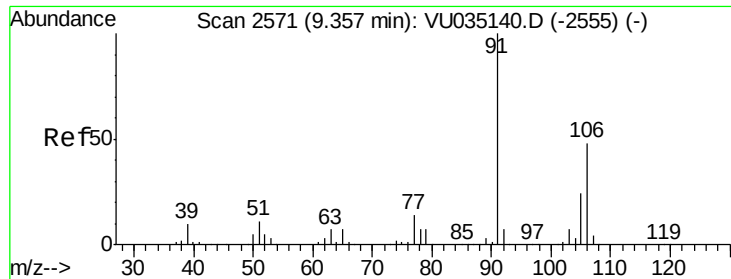
Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
58 47.4 44.1 66.1
57 10.4 15.8 23.8#
100 3.2 9.4 14.2#



#52
Ethylbenzene
Concen: 0.106 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU035143.D
Acq: 14 Oct 2019 11:29

Tgt Ion: 91 Resp: 6036
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.2





#53

m,p-Xylene

Concen: 0.162 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU035143.D

Acq: 14 Oct 2019 11:29

Instrument :

MSVOA_U

ClientSampleId :

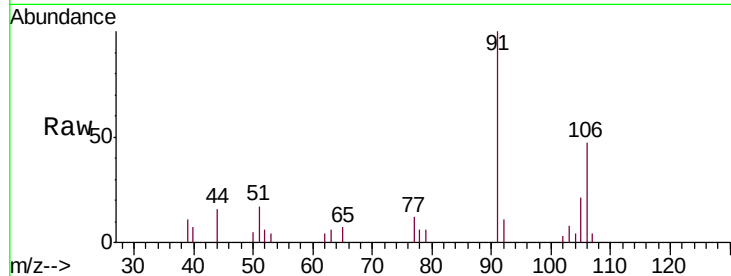
TB-3-191007-1

Tgt Ion:106 Resp: 3387

Ion Ratio Lower Upper

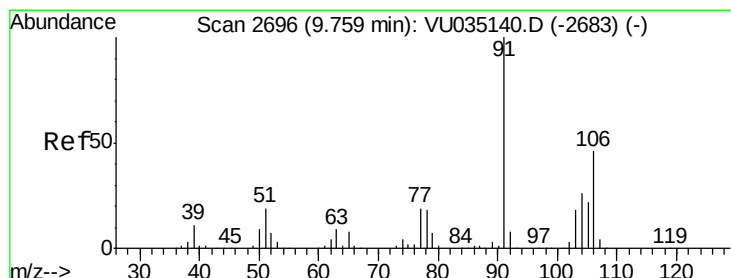
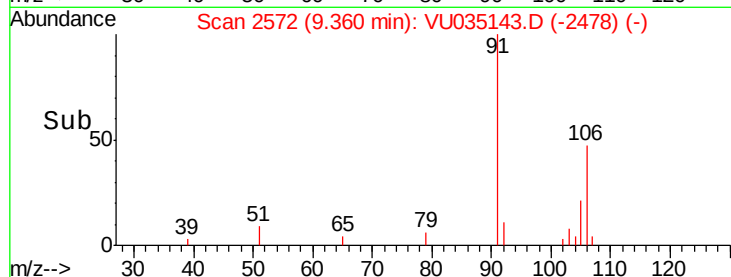
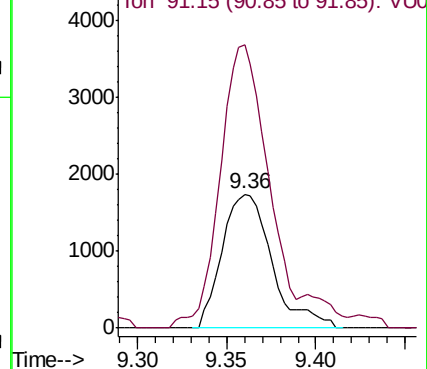
106 100

91 211.3 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.103 ug/L

RT: 9.77 min Scan# 2698

Delta R.T. 0.01 min

Lab File: VU035143.D

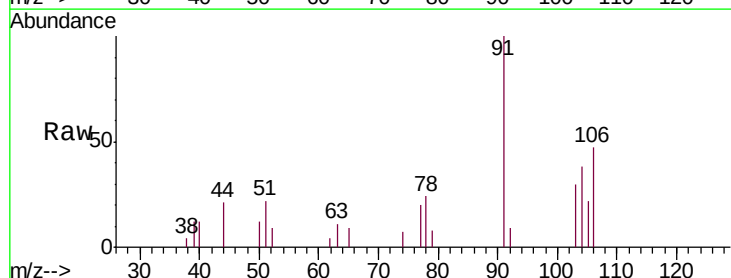
Acq: 14 Oct 2019 11:29

Tgt Ion:106 Resp: 2106

Ion Ratio Lower Upper

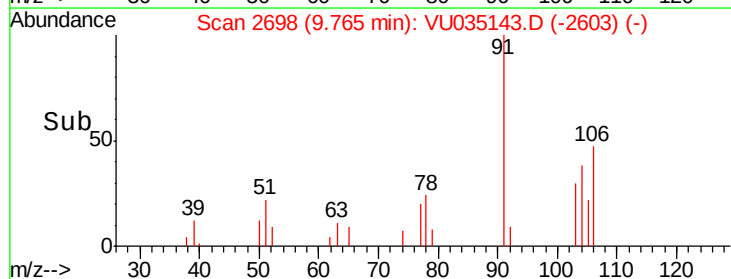
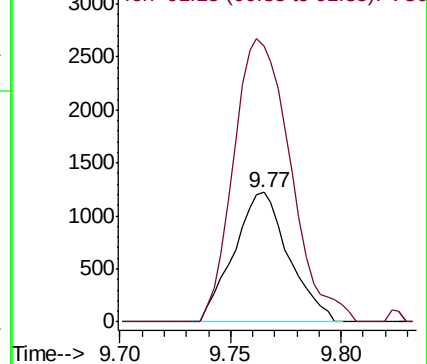
106 100

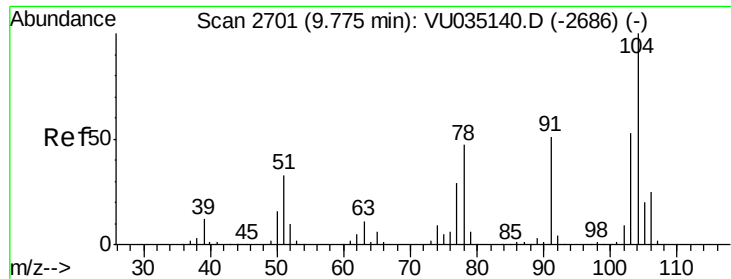
91 213.5 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Styrene

Concen: 0.201 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035143.D

Acq: 14 Oct 2019 11:29

Instrument :

MSVOA_U

ClientSampleId :

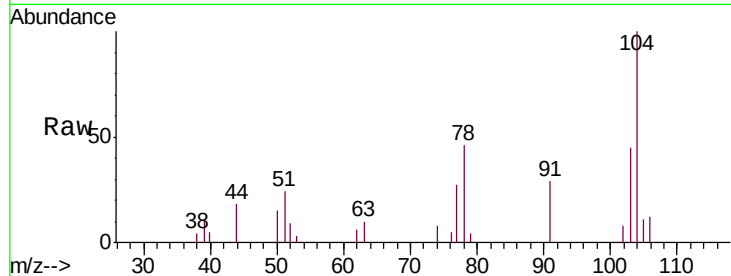
TB-3-191007-1

Tgt Ion: 104 Resp: 6673

Ion Ratio Lower Upper

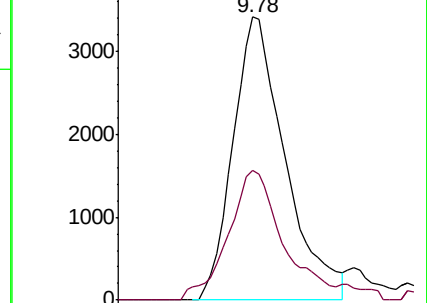
104 100

78 45.9 32.8 60.8

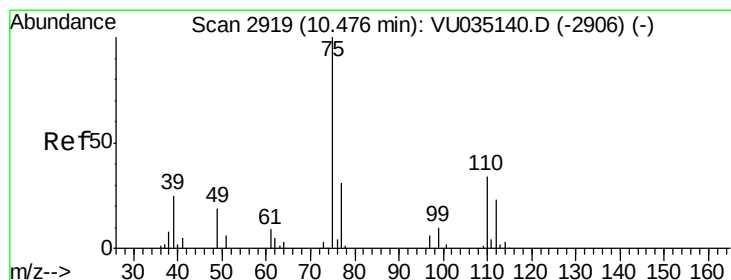
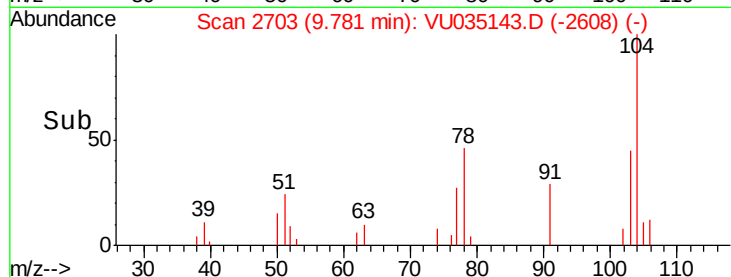


Abundance Ion 104.10 (103.80 to 104.80): VU035140.D (-2686) (-)

Ion 78.10 (77.80 to 78.80): VU035140.D (-2686) (-)



Time-->



#59

1,2,3-Trichloropropane

Concen: 1.042 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035143.D

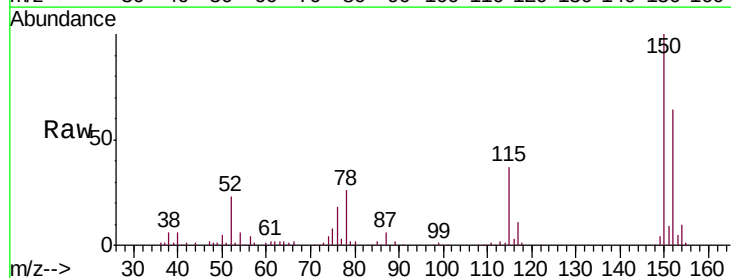
Acq: 14 Oct 2019 11:29

Tgt Ion: 75 Resp: 8952

Ion Ratio Lower Upper

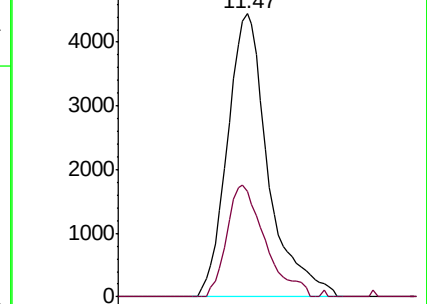
75 100

77 37.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU035140.D (-2906) (-)

Ion 77.00 (76.70 to 77.70): VU035140.D (-2906) (-)



Time-->

