

Data File : VU031696.D
Acq On : 01 May 2019 19:45
Operator : JC/SP
Sample : K2603-10
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ62

Quant Time: May 02 02:29:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1061824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1005662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	465251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	233274	26.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.50%#
7) Chloroethane-d5	1.68	69	192096	27.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.94%#
11) 1,1-Dichloroethene-d2	2.24	63	384870	21.75	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.50%#
21) 2-Butanone-d5	4.22	46	702316	87.23	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.23%
24) Chloroform-d	4.64	84	563971	34.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.30%#
26) 1,2-Dichloroethane-d4	5.31	65	390960	36.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.54%
32) Benzene-d6	5.33	84	1150686	37.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.52%
36) 1,2-Dichloropropane-d6	6.33	67	427699	39.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.74%
41) Toluene-d8	7.56	98	1008906	37.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.02%#
43) trans-1,3-Dichloropropene-	7.85	79	189728	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
47) 2-Hexanone-d5	8.34	63	520161	110.61	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.61%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	581170	39.86	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	400288	40.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.82%

Target Compounds

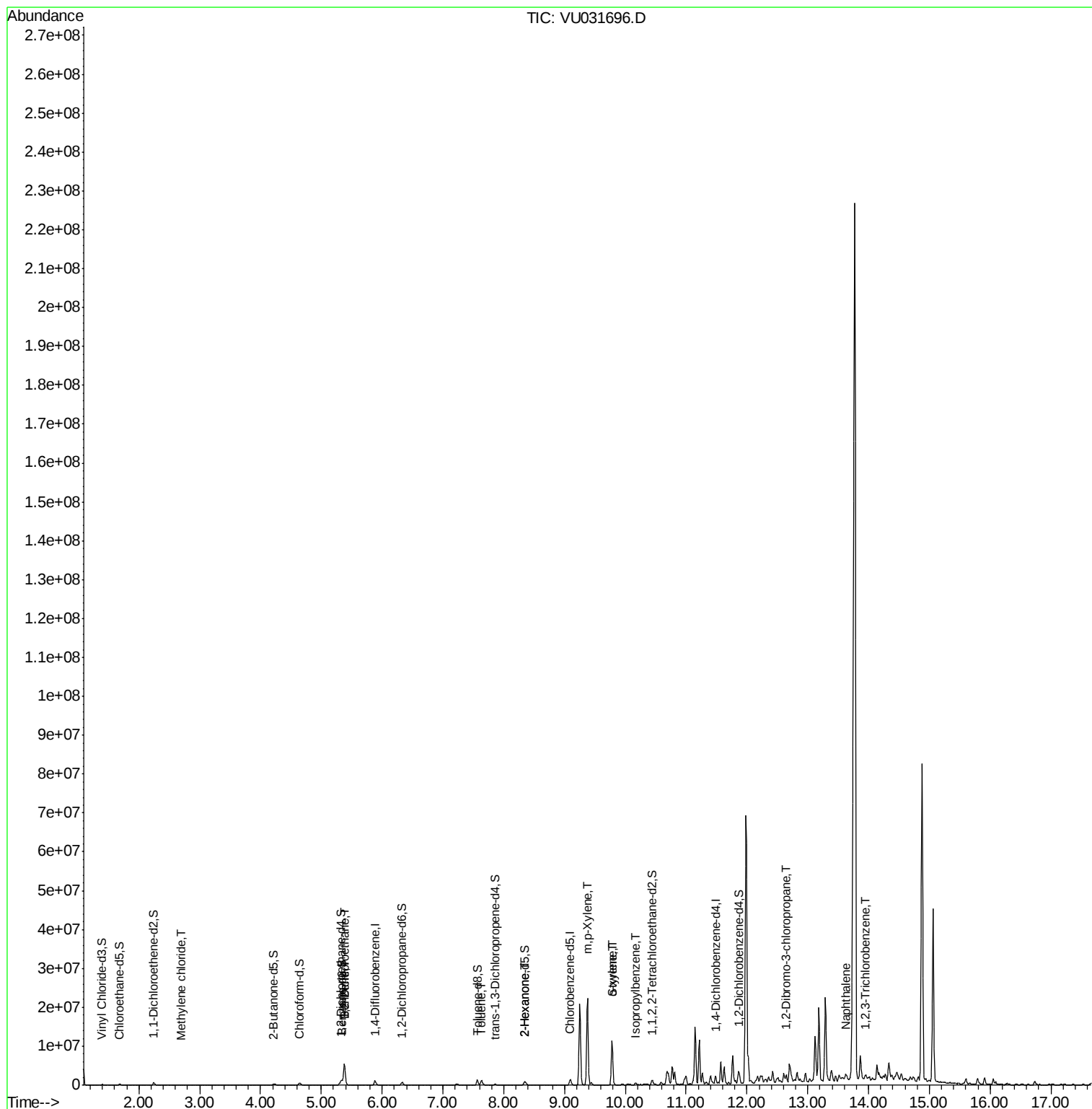
					Qvalue
16) Methylene chloride	2.69	84	5446	0.557	ug/L 79
27) 1,2-Dichloroethane	5.38	62	49879	3.532	ug/L # 75
33) Benzene	5.38	78	5701262	154.196	ug/L 100
42) Toluene	7.64	91	1085510	29.473	ug/L 97
48) 2-Hexanone	8.35	43	70958	5.433	ug/L # 63
53) m,p-Xylene	9.38	106	6715224	504.478	ug/L 97
54) o-xylene	9.78	106	3202720	242.690	ug/L 96
55) Styrene	9.78	104	172670	7.658	ug/L # 1
56) Isopropylbenzene	10.17	105	346350	9.981	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.65	75	4582	1.206	ug/L # 23
69) Naphthalene	13.63	128	105855	3.400	ug/L # 1
70) 1,2,3-Trichlorobenzene	13.94	180	8033	0.773	ug/L # 1

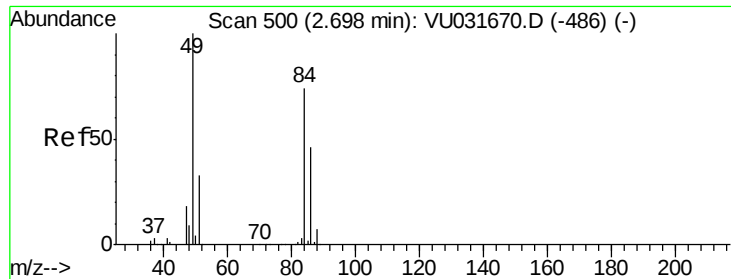
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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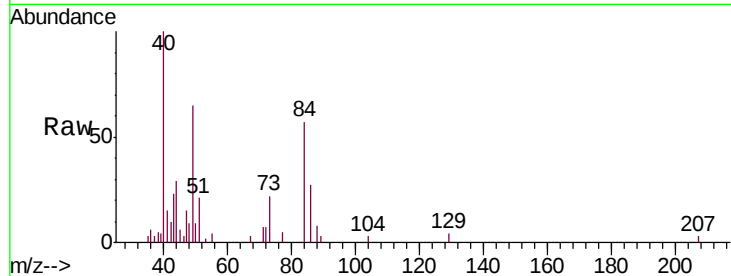




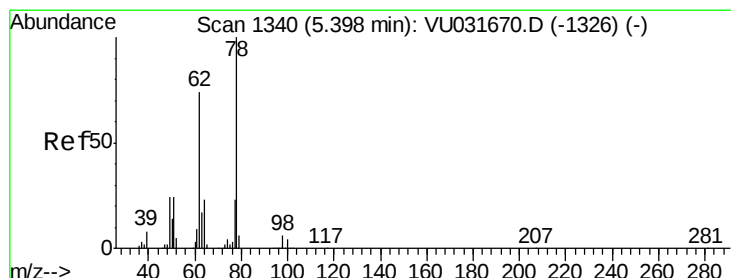
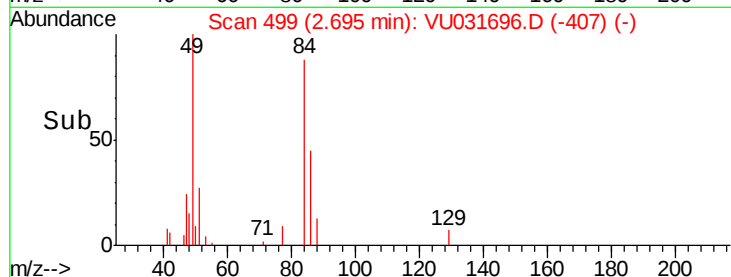
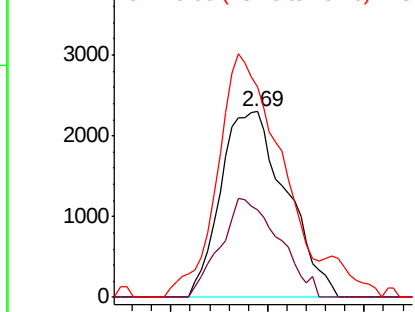
#16
Methylene chloride
Concen: 0.557 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031696.D
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Instrument :
MSVOA_U
ClientSampleId :
GAJ62

Tgt Ion: 84 Resp: 5446
Ion Ratio Lower Upper
84 100
86 47.2 44.7 83.1
49 113.2 96.5 179.3

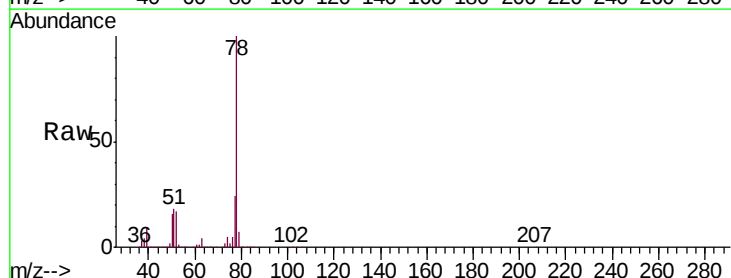


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

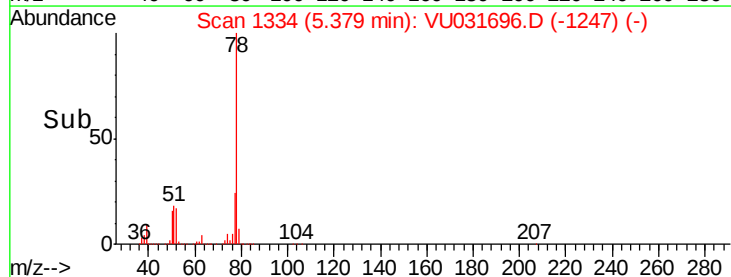
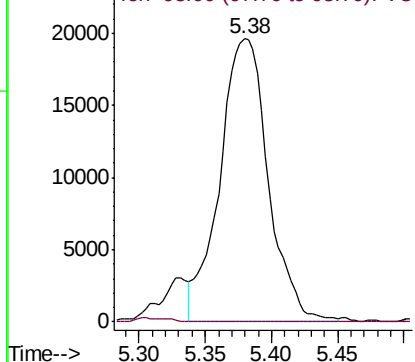


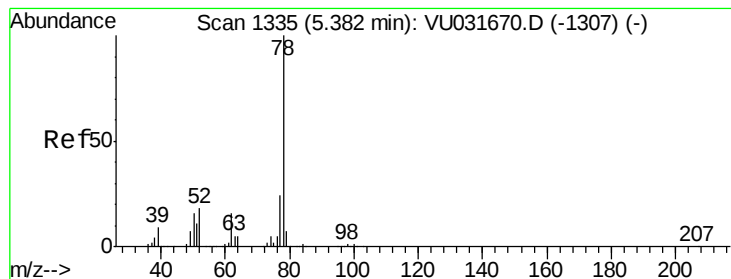
#27
1,2-Dichloroethane
Concen: 3.532 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.02 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Tgt Ion: 62 Resp: 49879
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 154.196 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

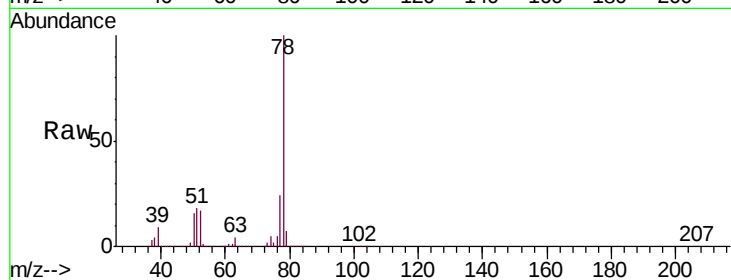
Instrument :

MSVOA_U

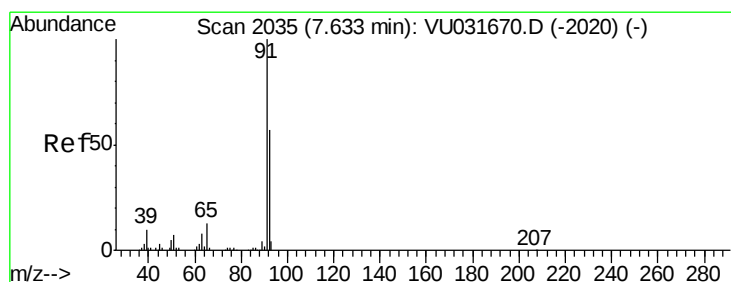
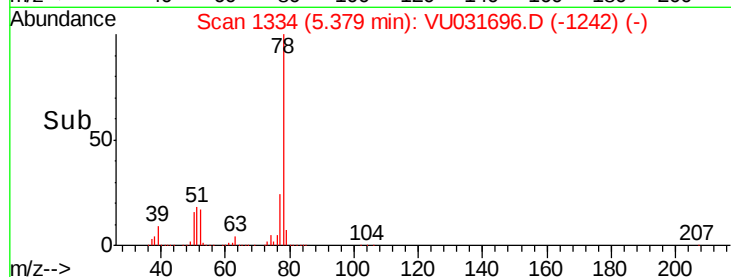
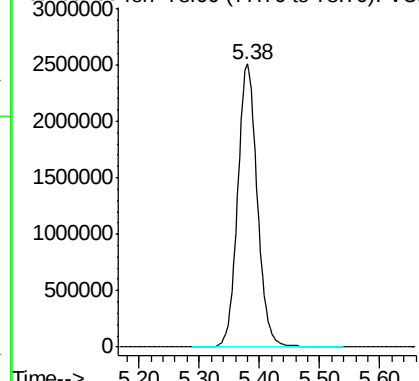
ClientSampleId :

GAJ62

Tgt Ion: 78 Resp: 5701262



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 29.473 ug/L

RT: 7.64 min Scan# 2036

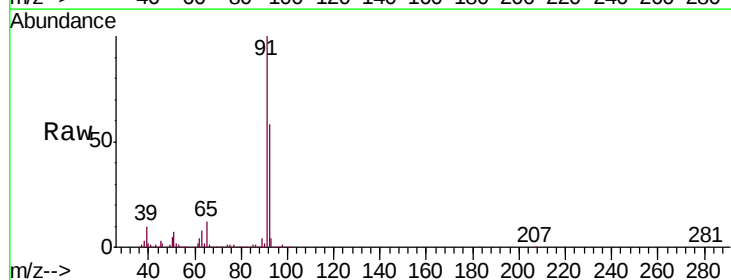
Delta R.T. 0.00 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

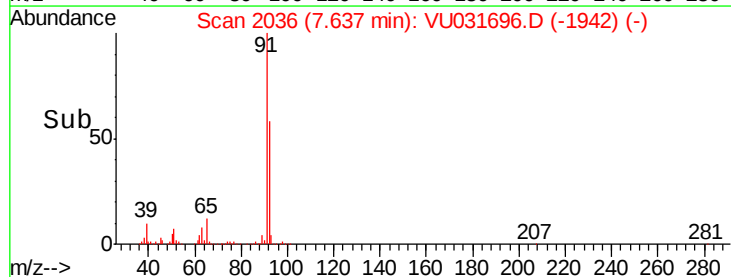
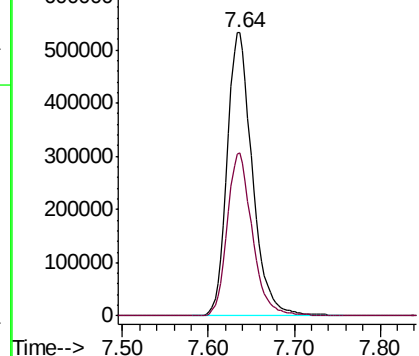
Tgt Ion: 91 Resp: 1085510

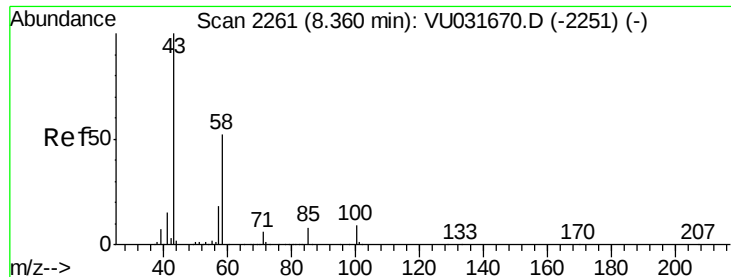
Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.0	72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

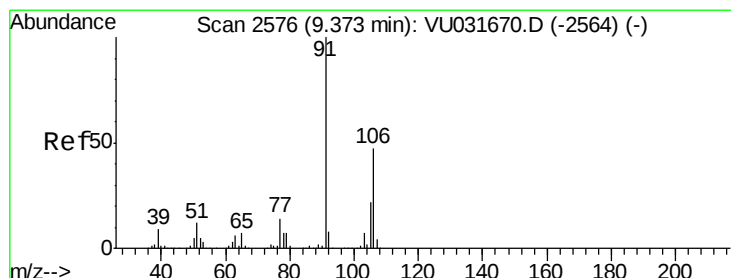
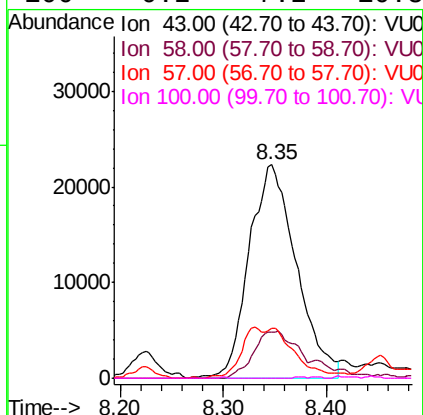
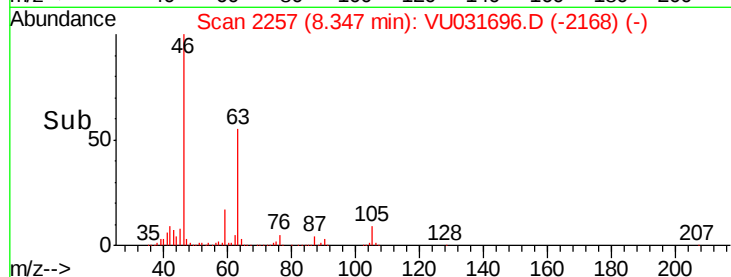
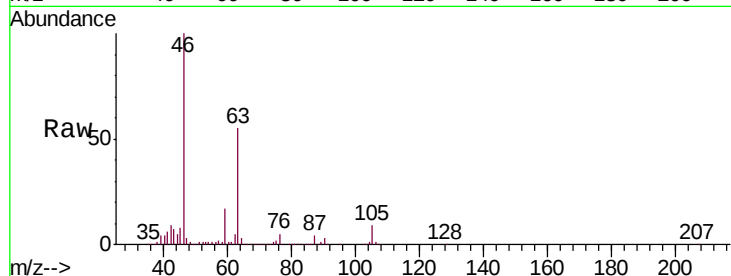




#48
2-Hexanone
Concen: 5.433 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.01 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

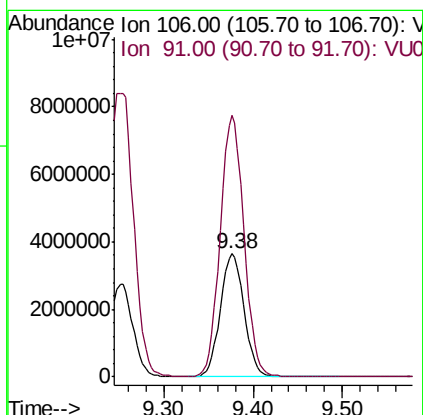
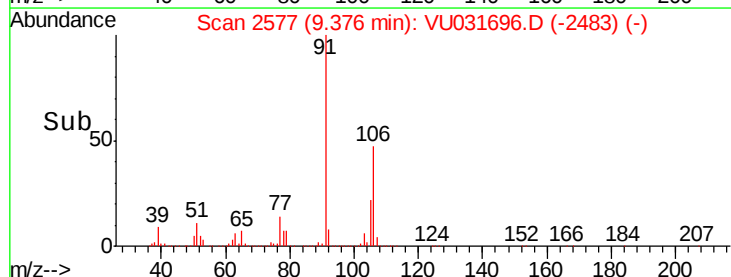
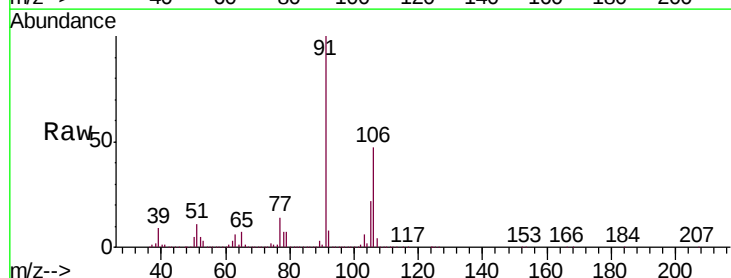
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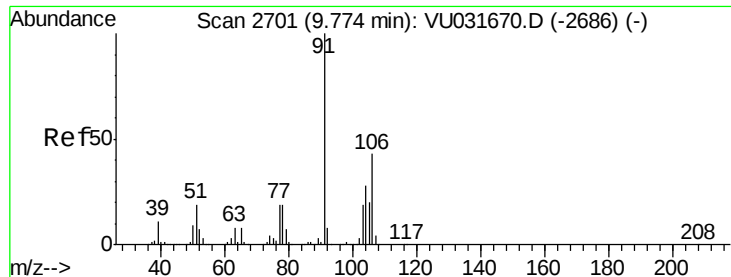
Tgt Ion: 43 Resp: 70958
Ion Ratio Lower Upper
43 100
58 19.8 42.1 63.1#
57 10.6 14.6 22.0#
100 0.2 7.2 10.8#



#53
m,p-Xylene
Concen: 504.478 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Tgt Ion: 106 Resp: 6715224
Ion Ratio Lower Upper
106 100
91 212.4 152.2 282.6

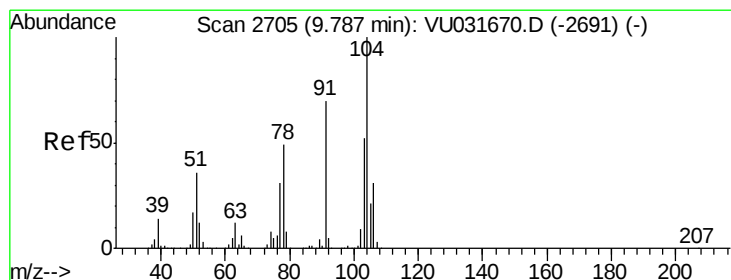
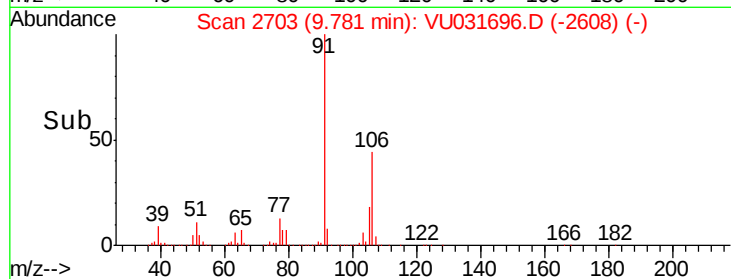
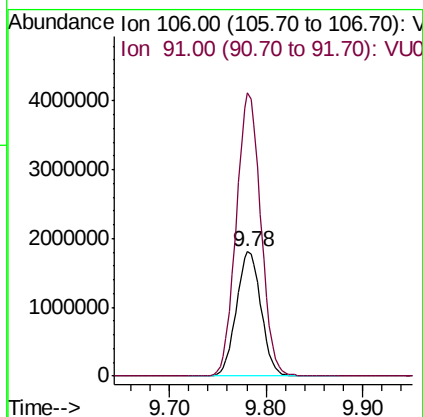
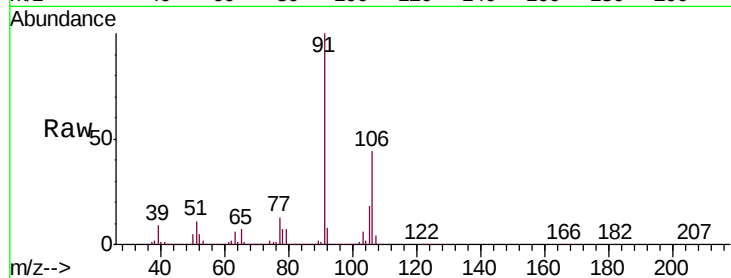




#54
o-xylene
Concen: 242.690 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

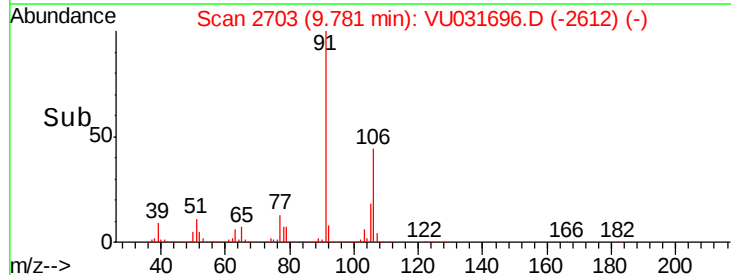
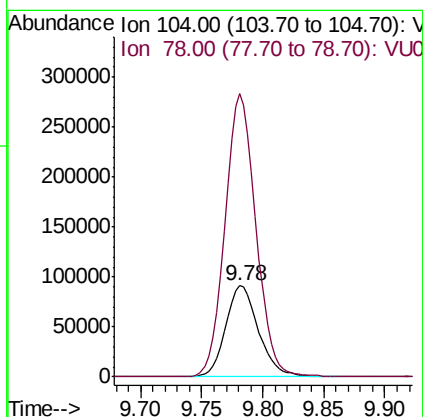
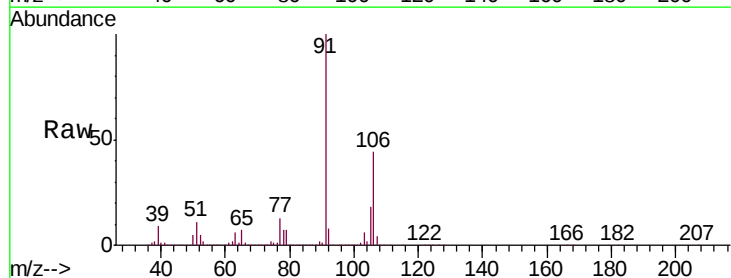
Instrument :
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ClientSampleId :
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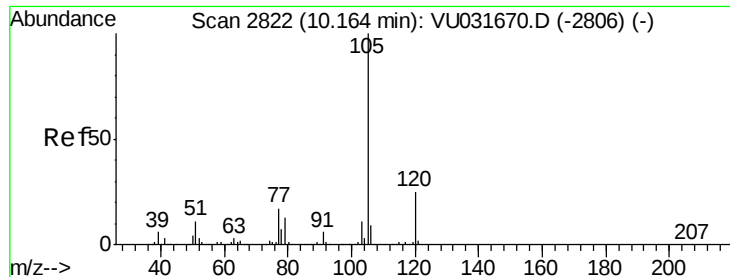
Tgt Ion:106 Resp: 3202720
Ion Ratio Lower Upper
106 100
91 227.2 163.2 303.2



#55
Styrene
Concen: 7.658 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. -0.01 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Tgt Ion:104 Resp: 172670
Ion Ratio Lower Upper
104 100
78 309.9 35.4 65.7#





#56

Isopropylbenzene

Concen: 9.981 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

GAJ62

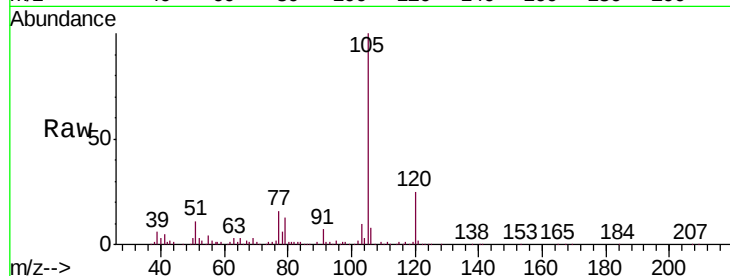
Tgt Ion: 105 Resp: 346350

Ion Ratio Lower Upper

105 100

120 25.0 20.1 30.1

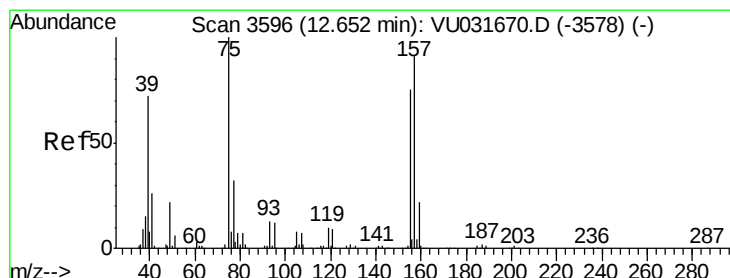
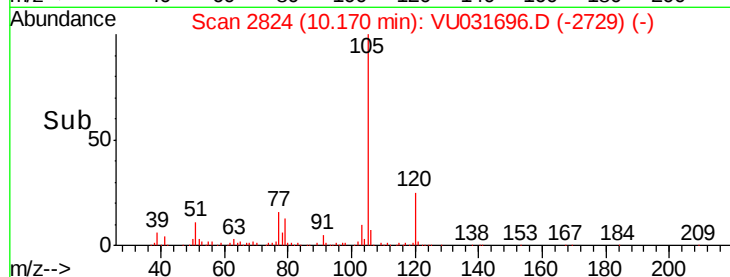
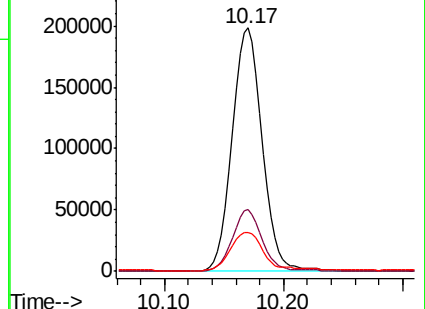
77 17.9 13.8 20.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 1.206 ug/L

RT: 12.65 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

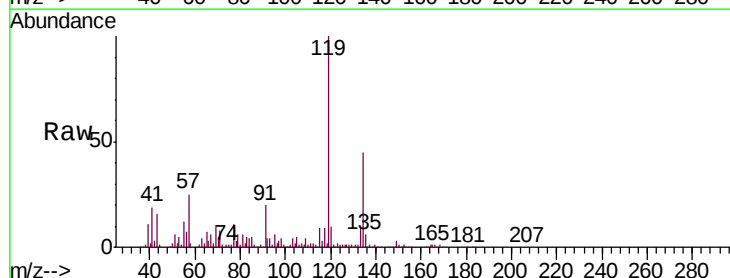
Tgt Ion: 75 Resp: 4582

Ion Ratio Lower Upper

75 100

155 23.1 54.0 81.0#

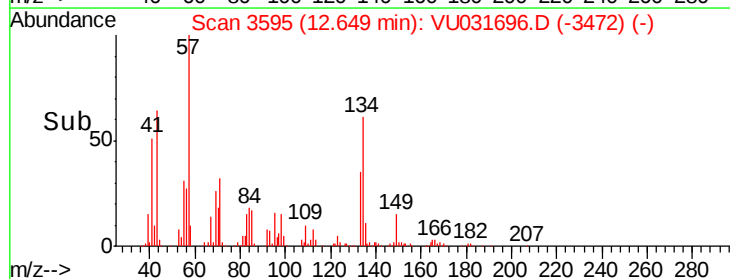
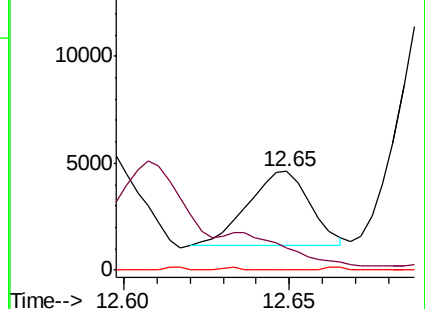
157 0.0 69.1 103.7#

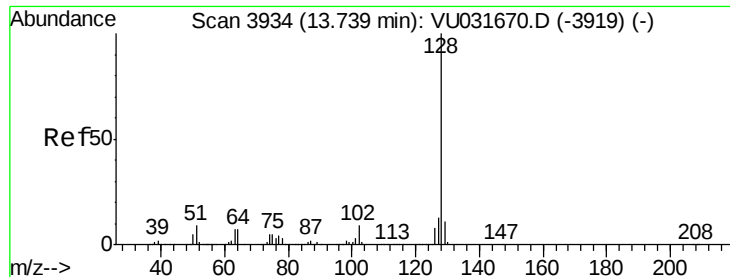


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 3.400 ug/L

RT: 13.63 min Scan# 3899

Delta R.T. -0.11 min

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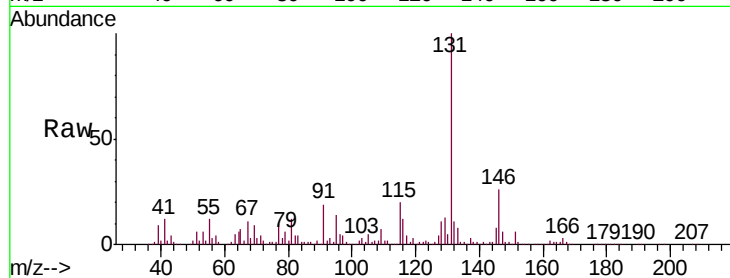
Tgt Ion:128 Resp: 105855

Ion Ratio Lower Upper

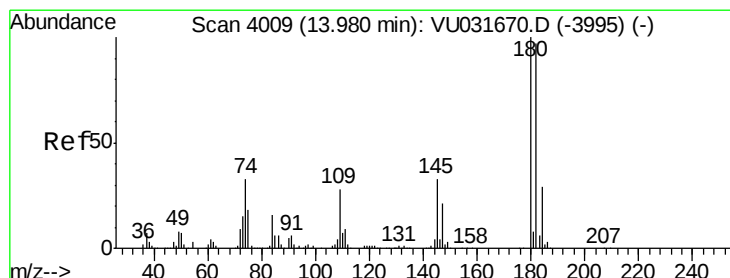
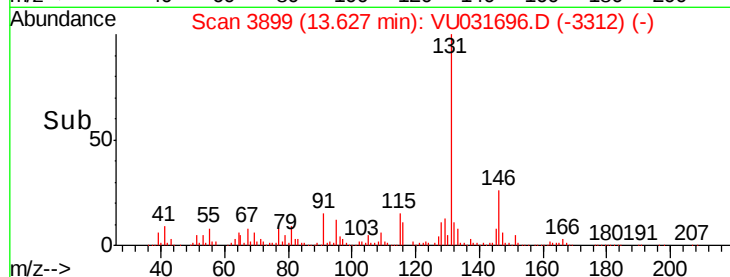
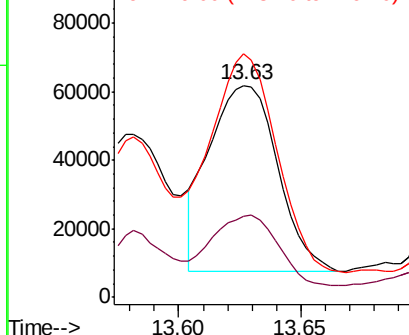
128 100

127 36.7 10.6 15.8#

129 111.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.773 ug/L

RT: 13.94 min Scan# 3997

Delta R.T. -0.04 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

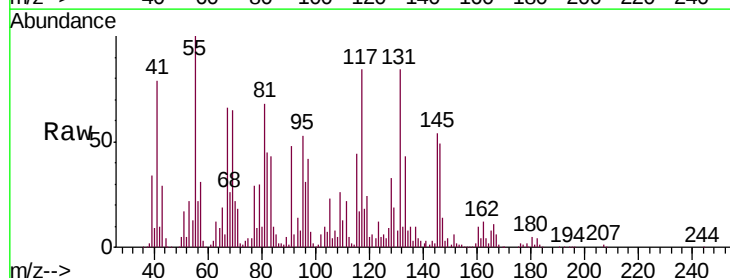
Tgt Ion:180 Resp: 8033

Ion Ratio Lower Upper

180 100

182 52.0 76.1 114.1#

145 2451.4 26.0 39.0#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

