

Data File : VU036596.D
Acq On : 29 Jan 2020 16:34
Operator : JC/MD
Sample : L1271-05 20X
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ6

Quant Time: Jan 30 02:52:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	323416	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	303485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101043	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.42%
7) Chloroethane-d5	1.93	69	89622	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.59	63	132610	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.67	46	150233	104.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	5.11	84	171802	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.75	65	109825	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.77	84	391063	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.73	67	124191	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.93	98	375801	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	8.21	79	57717	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.66	63	132725	107.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.59%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	180976	46.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.54%
64) 1,2-Dichlorobenzene-d4	12.21	152	150500	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%

Target Compounds

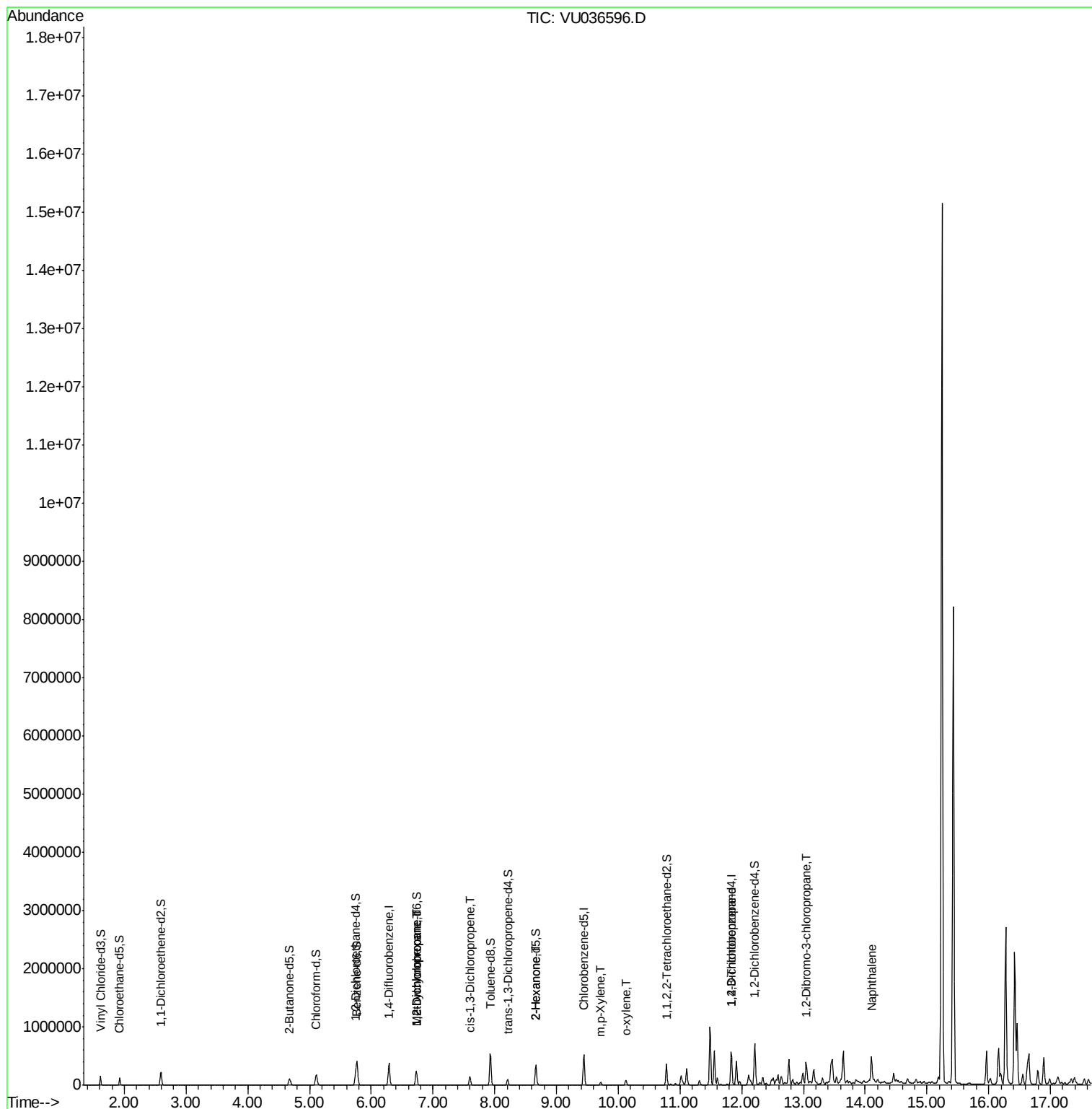
					Qvalue
35) Methylcyclohexane	6.73	83	27622	7.091 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	12432	5.391 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3263	0.878 ug/L #	75
48) 2-Hexanone	8.66	43	12612	5.663 ug/L #	68
53) m,p-Xylene	9.72	106	15535	3.687 ug/L	91
54) o-xylene	10.12	106	23763	5.654 ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	17708	5.680 ug/L	92
66) 1,2-Dibromo-3-chloropropan	13.05	75	3082	3.632 ug/L #	1
69) Naphthalene	14.10	128	360747	48.570 ug/L	100

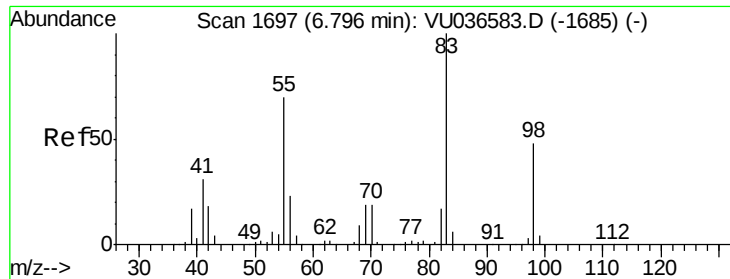
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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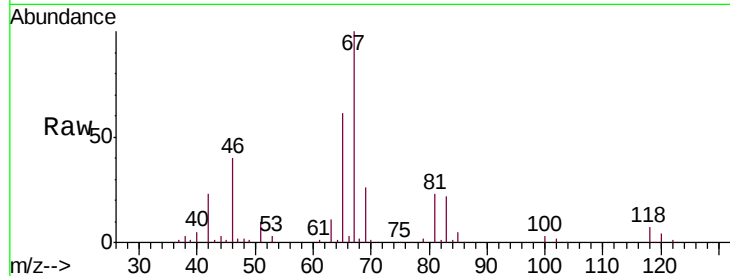




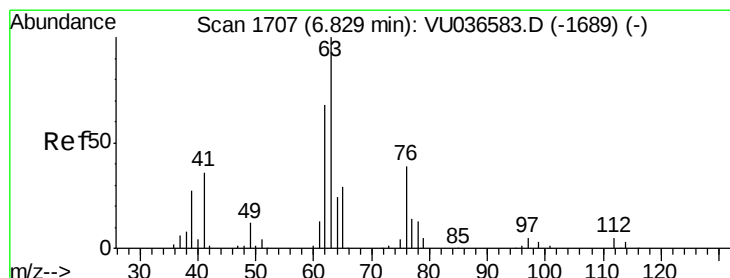
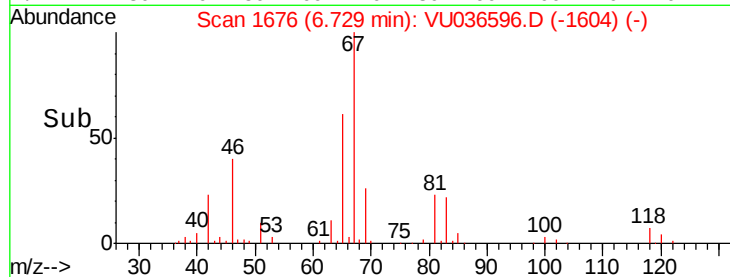
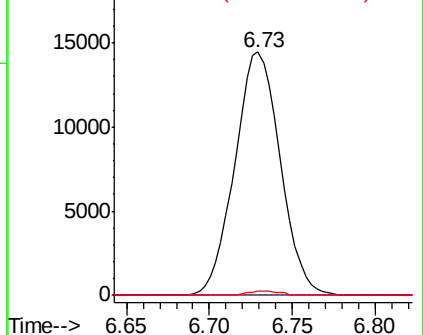
#35
Methylcyclohexane
Concen: 7.091 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036596.D
Acq: 29 Jan 2020 16:34

Instrument :
MSVOA_U
ClientSampleId :
GASZ6

Tgt Ion: 83 Resp: 27622
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 1.2 37.5 56.3#

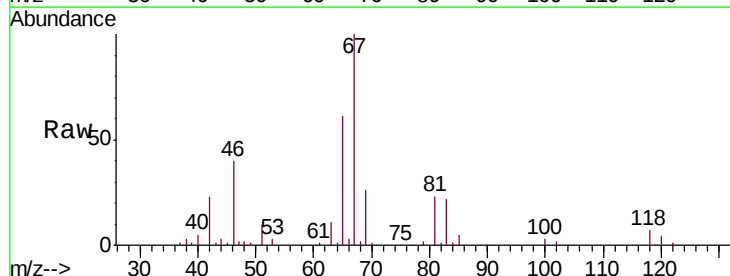


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

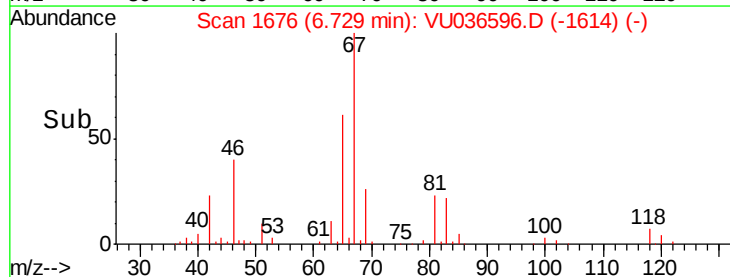
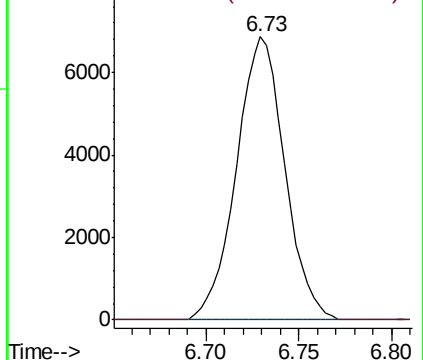


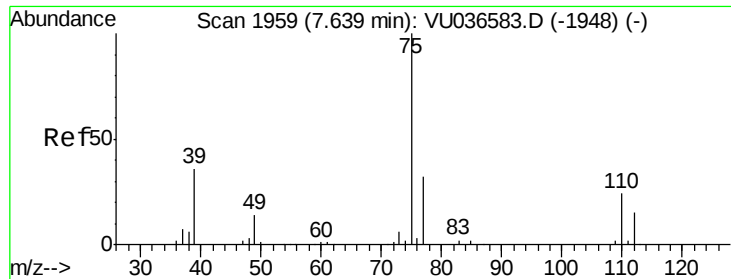
#37
1,2-Dichloropropane
Concen: 5.391 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036596.D
Acq: 29 Jan 2020 16:34

Tgt Ion: 63 Resp: 12432
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

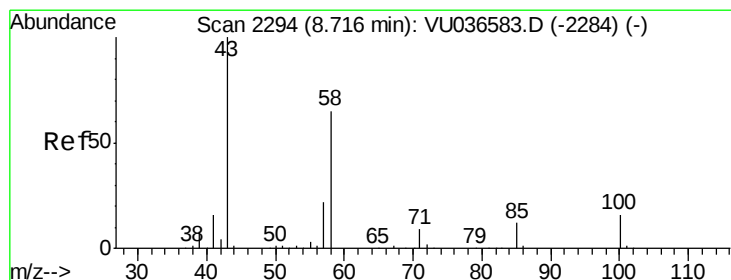
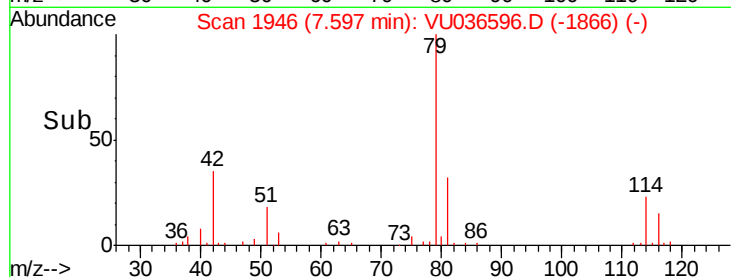
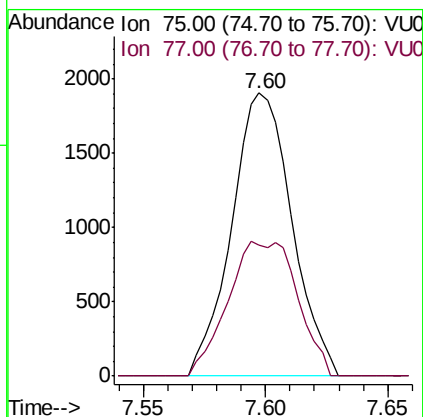
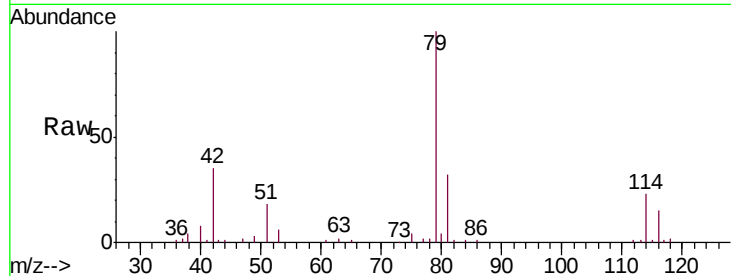




#39
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036596.D
 Acq: 29 Jan 2020 16:34

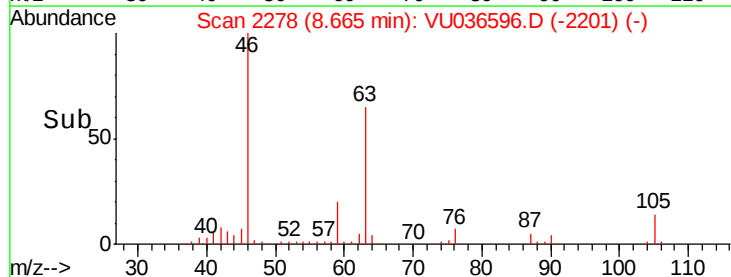
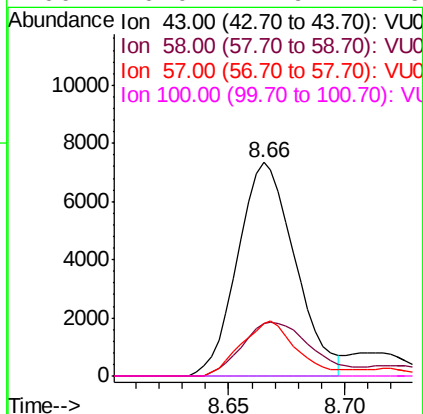
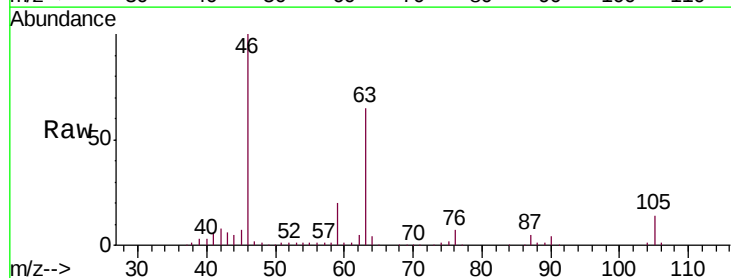
Instrument :
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 ClientSampleId :
 GASZ6

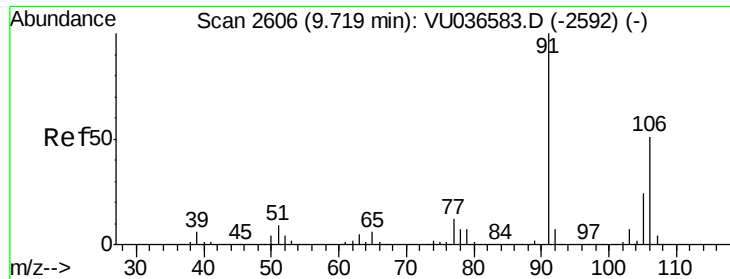
Tgt Ion: 75 Resp: 3263
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.663 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036596.D
 Acq: 29 Jan 2020 16:34

Tgt Ion: 43 Resp: 12612
 Ion Ratio Lower Upper
 43 100
 58 30.9 49.4 74.0#
 57 25.0 17.1 25.7
 100 0.0 11.9 17.9#

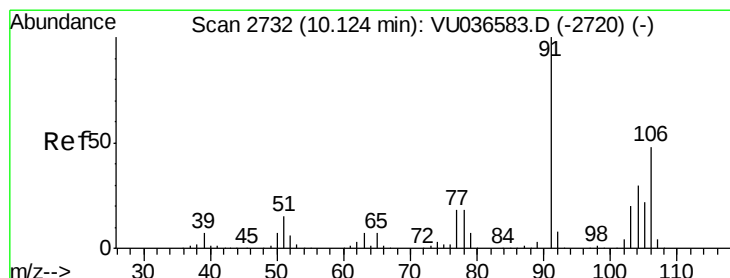
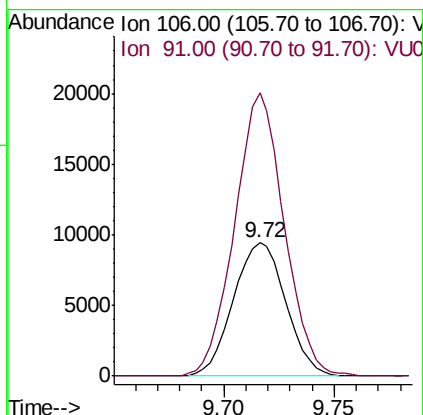
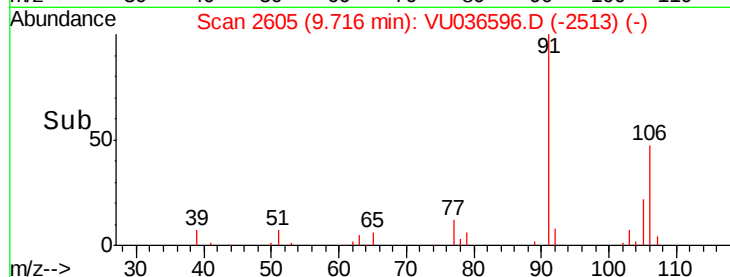
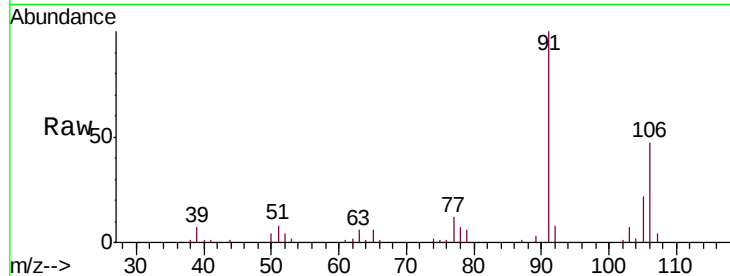




#53
m,p-Xylene
Concen: 3.687 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VU036596.D
Acq: 29 Jan 2020 16:34

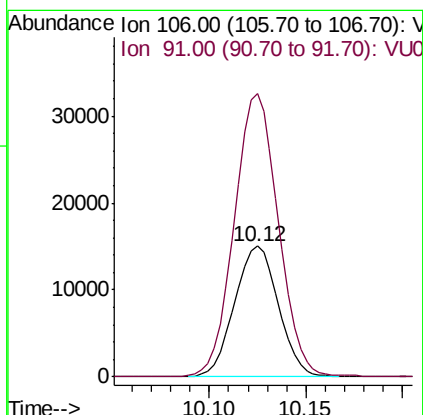
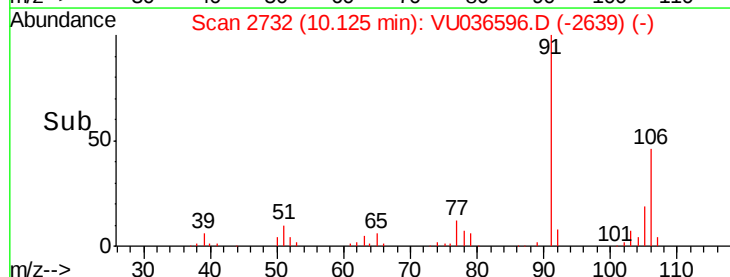
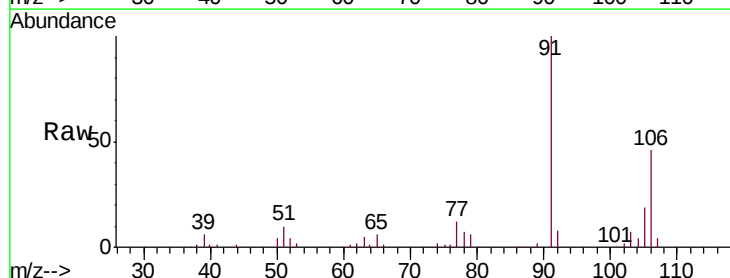
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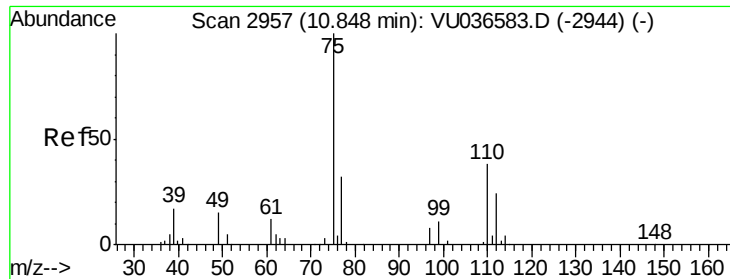
Tgt Ion:106 Resp: 15535
Ion Ratio Lower Upper
106 100
91 212.7 139.4 259.0



#54
o-xylene
Concen: 5.654 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036596.D
Acq: 29 Jan 2020 16:34

Tgt Ion:106 Resp: 23763
Ion Ratio Lower Upper
106 100
91 216.5 145.9 271.1

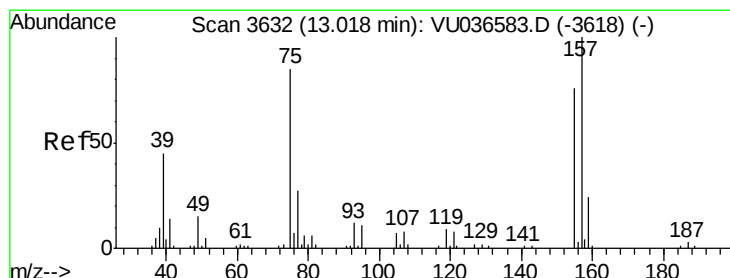
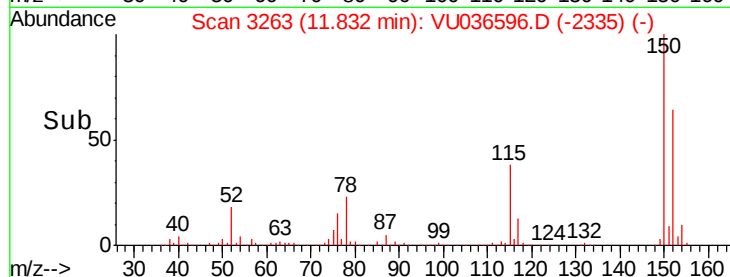
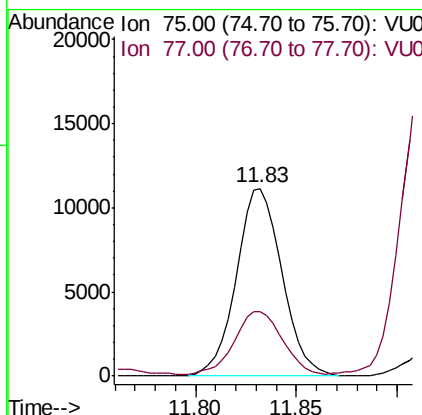
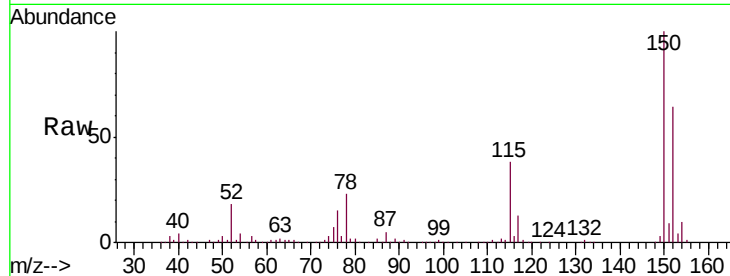




#59
 1,2,3-Trichloropropane
 Concen: 5.680 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036596.D
 Acq: 29 Jan 2020 16:34

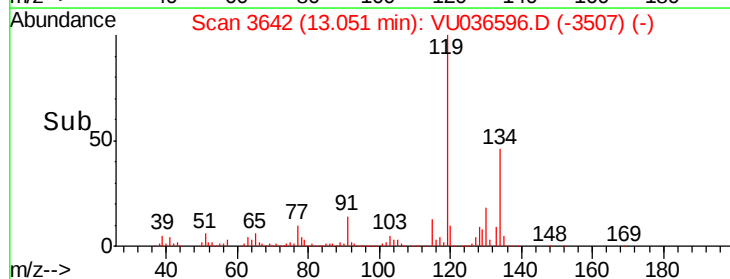
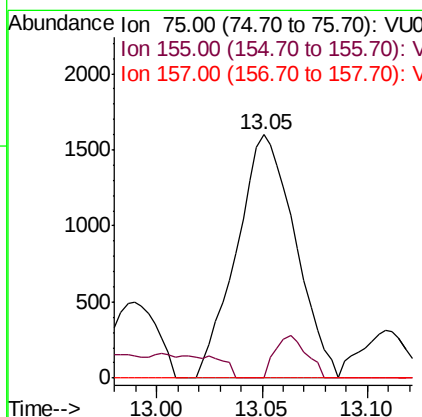
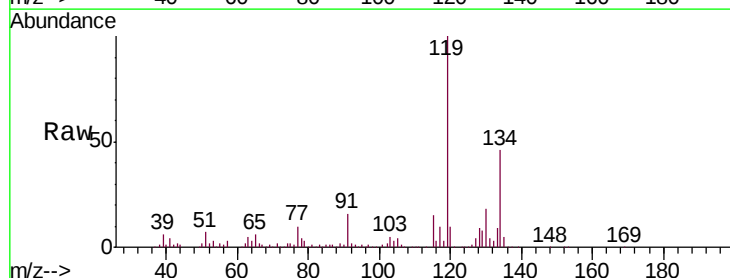
Instrument :
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 ClientSampleId :
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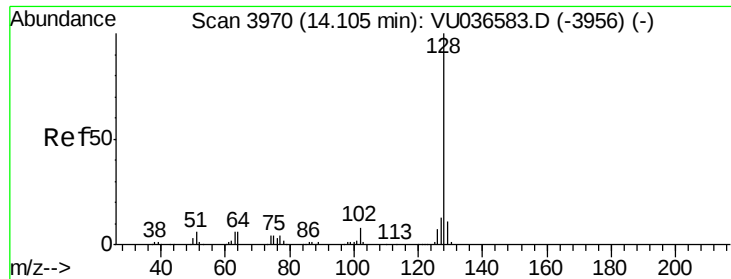
Tgt Ion: 75 Resp: 17708
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.2 39.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.632 ug/L
 RT: 13.05 min Scan# 3642
 Delta R.T. 0.03 min
 Lab File: VU036596.D
 Acq: 29 Jan 2020 16:34

Tgt Ion: 75 Resp: 3082
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.4 110.2#
 157 0.0 96.8 145.2#





#69

Naphthalene

Concen: 48.570 ug/L

RT: 14.10 min Scan# 3969

Delta R.T. -0.00 min

Lab File: VU036596.D

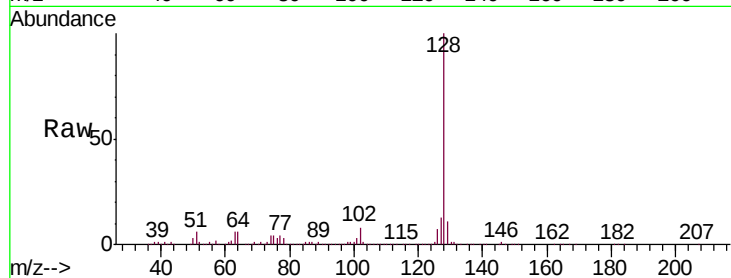
Acq: 29 Jan 2020 16:34

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:128 Resp: 360747

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.6 12.8

