

Data File : VU027802.D
Acq On : 24 Oct 2018 22:12
Operator : MD/SY
Sample : J5599-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A08MSD

Quant Time: Oct 25 07:26:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	36634	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	35794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13121	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	10592	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.28	63	27419	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.19	46	46984	51.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.50%
24) Chloroform-d	4.65	84	23373	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	16027	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	47550	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.33	67	17587	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.57	98	44297	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.85	79	6596	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.31	63	40025	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12813	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	17457	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	581	0.146 ug/L	88
8) Chloroethane	1.71	64	200	0.096 ug/L #	46
12) 1,1-Dichloroethene	2.29	96	11837	4.957 ug/L	93
13) Acetone	2.32	43	683	1.043 ug/L	67
25) Chloroform	4.67	83	2987	0.524 ug/L	97
27) 1,2-Dichloroethane	5.39	62	528	0.125 ug/L #	79
33) Benzene	5.39	78	59884	5.035 ug/L	100
34) Trichloroethene	6.19	95	15168	4.922 ug/L	94
35) Methylcyclohexane	6.33	83	3752	0.729 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	1821	0.521 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	378	0.076 ug/L #	61
42) Toluene	7.64	91	64720	5.055 ug/L	100
48) 2-Hexanone	8.31	43	5478	2.953 ug/L #	68
51) Chlorobenzene	9.12	112	37839	4.800 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	2262	1.029 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	426	0.888 ug/L #	13

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

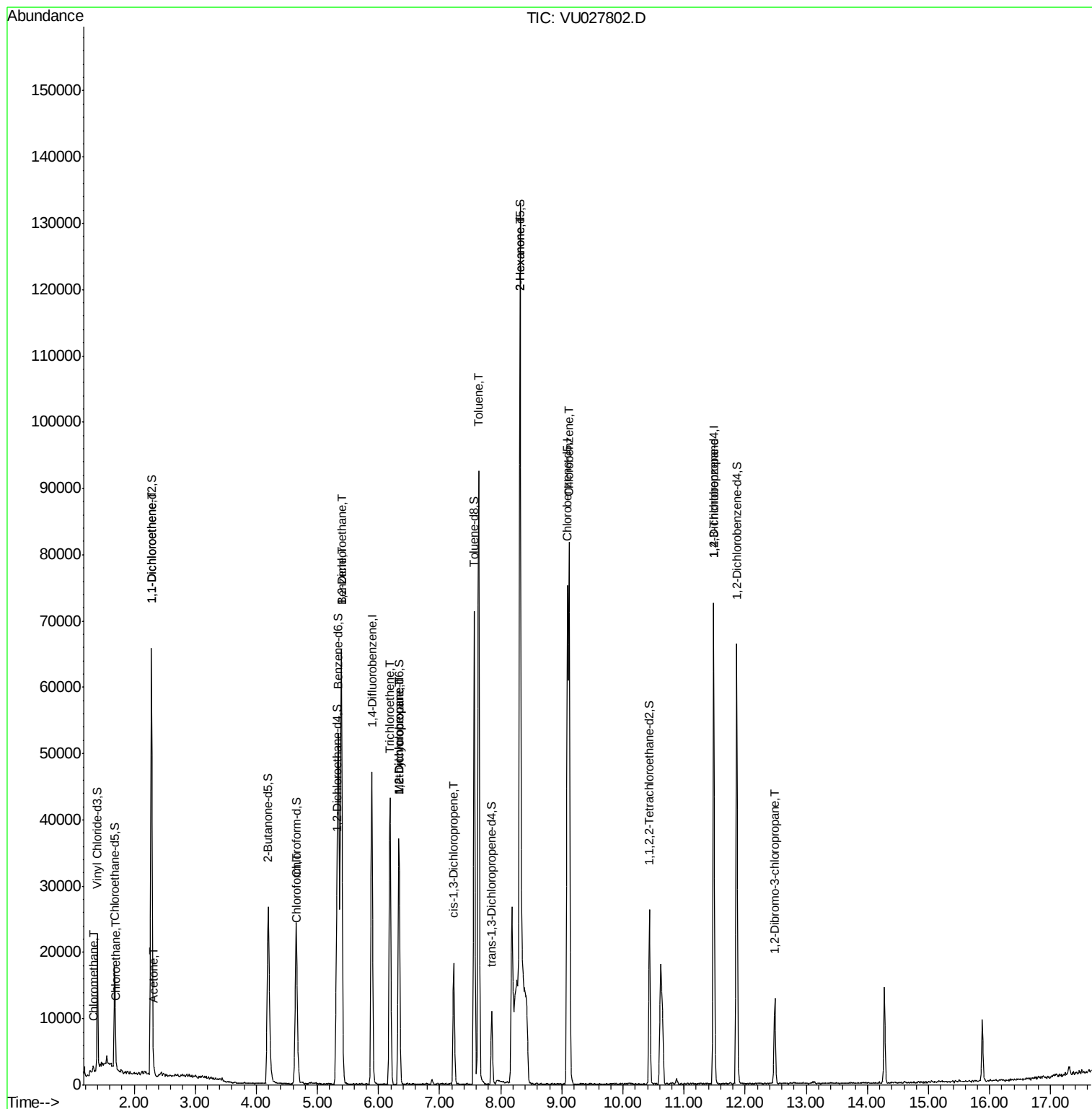
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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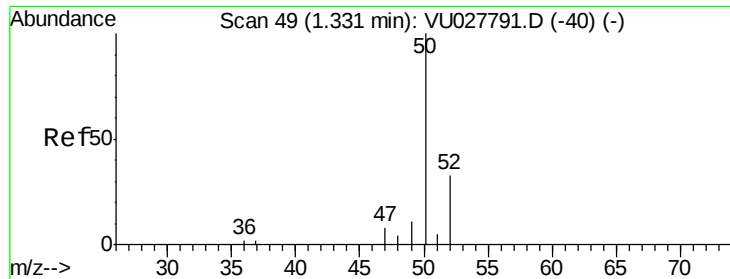
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027802.D

Acq: 24 Oct 2018 22:12

Instrument :

MSVOA_U

ClientSampleId :

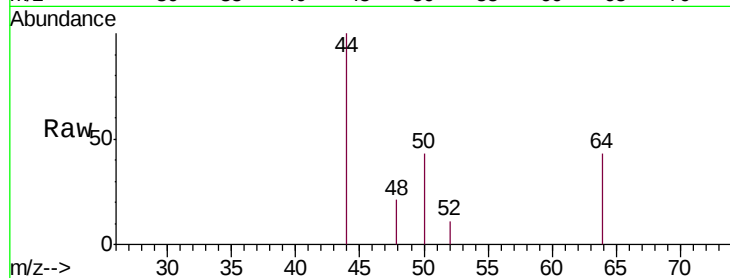
H1A08MSD

Tgt Ion: 50 Resp: 581

Ion Ratio Lower Upper

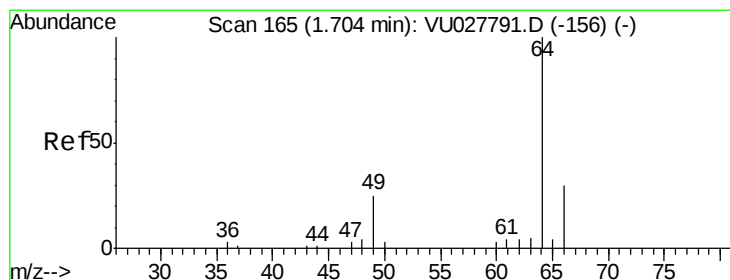
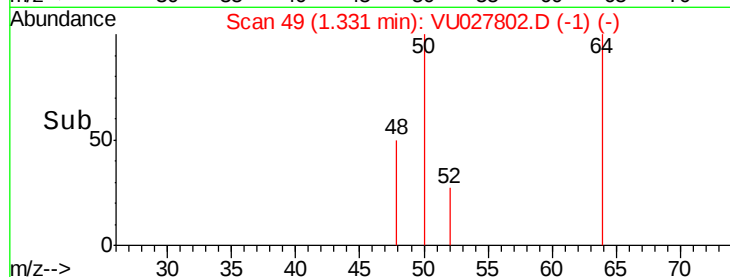
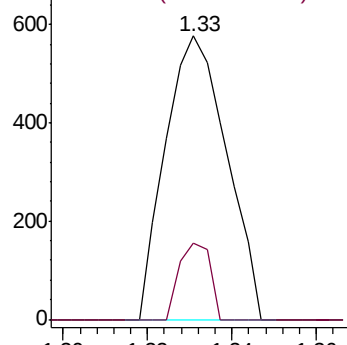
50 100

52 26.7 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.71 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU027802.D

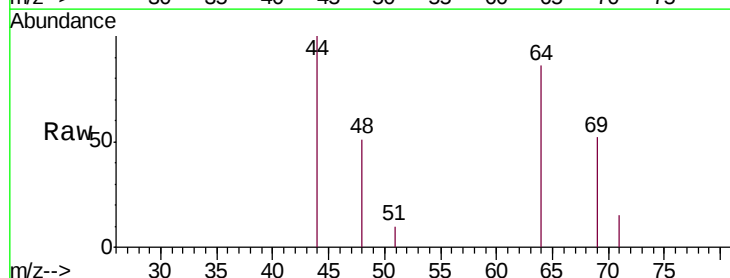
Acq: 24 Oct 2018 22:12

Tgt Ion: 64 Resp: 200

Ion Ratio Lower Upper

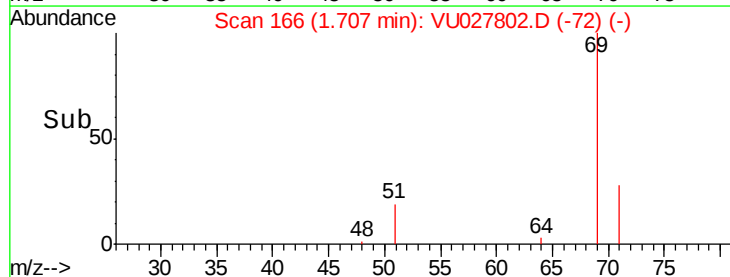
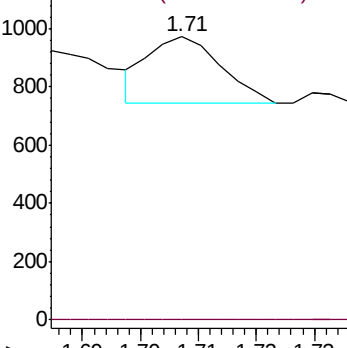
64 100

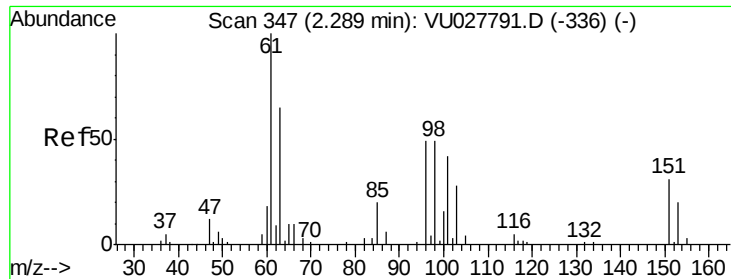
66 0.0 20.3 37.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

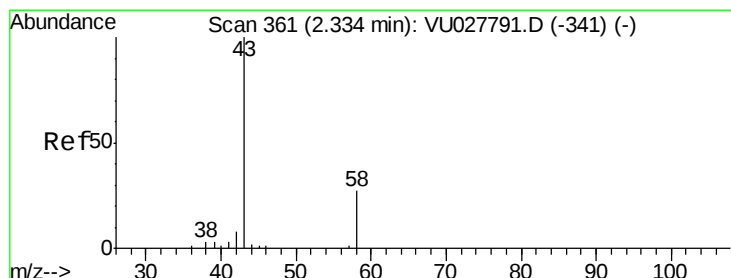
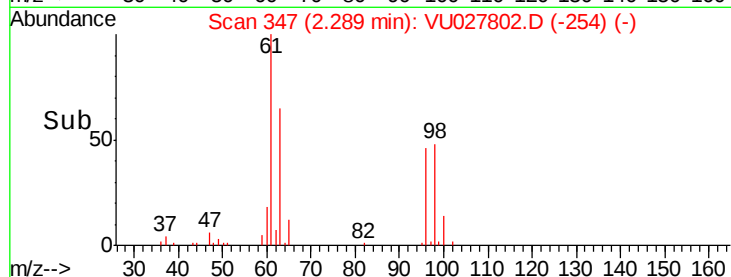
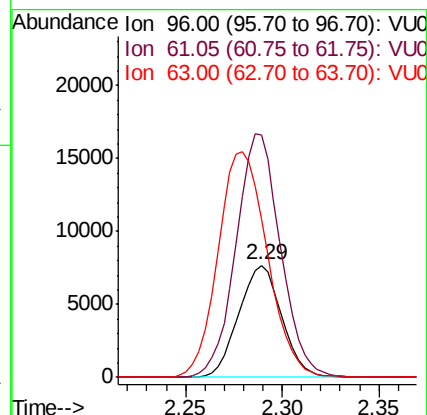
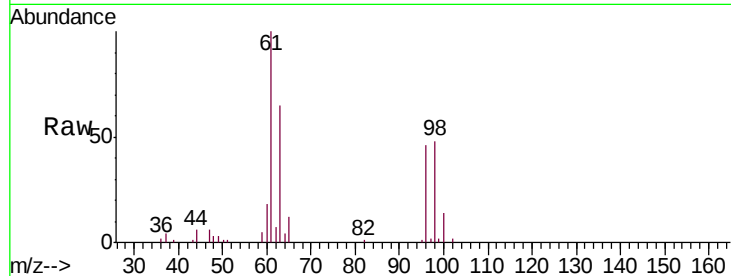




#12
 1,1-Dichloroethene
 Concen: 4.957 ug/L
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

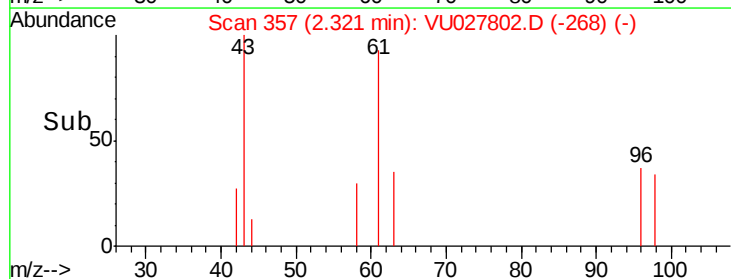
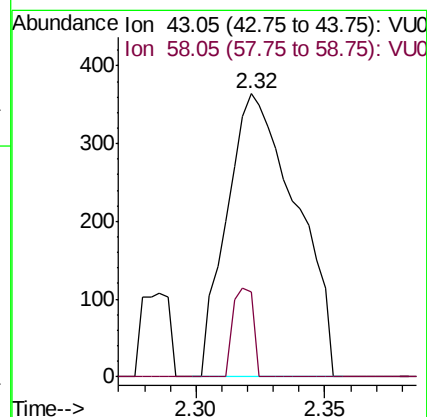
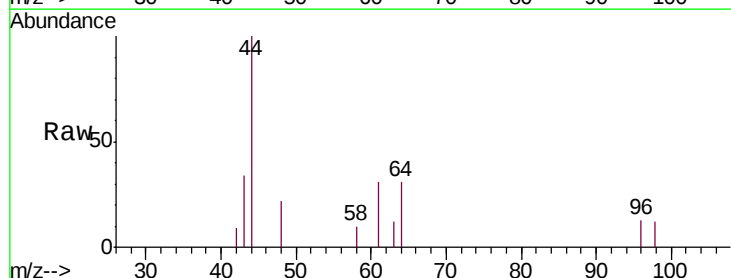
Instrument :
 MSVOA_U
 ClientSampleId :
 H1A08MSD

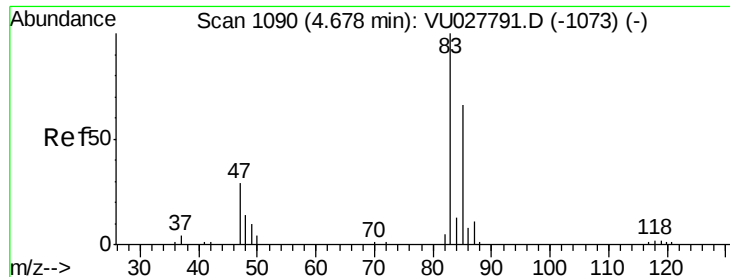
Tgt Ion	Ratio	Lower	Upper
96	100		
61	215.8	143.8	267.0
63	140.4	105.1	195.3



#13
 Acetone
 Concen: 1.043 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.01 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	9.2	0.0	52.8

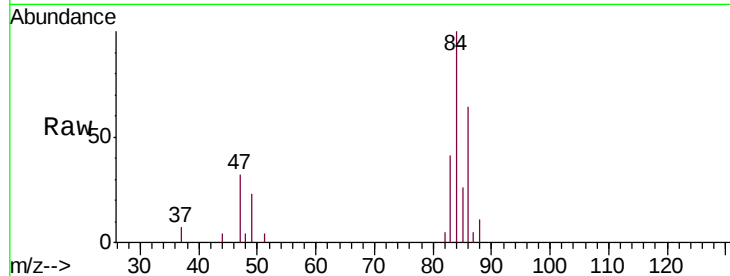




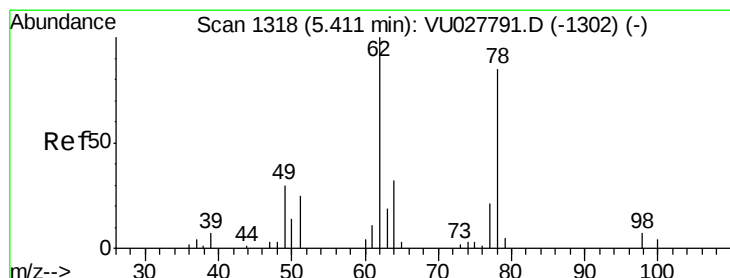
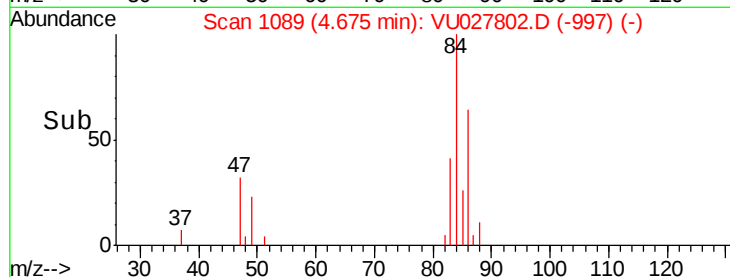
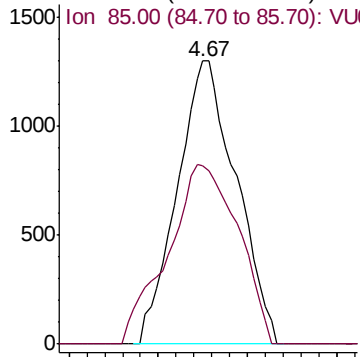
#25
Chloroform
Concen: 0.524 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Instrument :
MSVOA_U
ClientSampleId :
H1A08MSD

Tgt Ion: 83 Resp: 2987
Ion Ratio Lower Upper
83 100
85 63.2 45.8 85.2

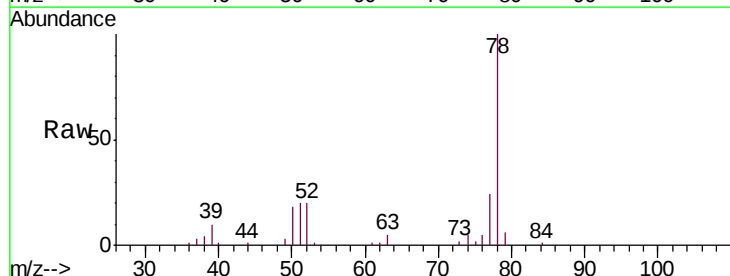


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

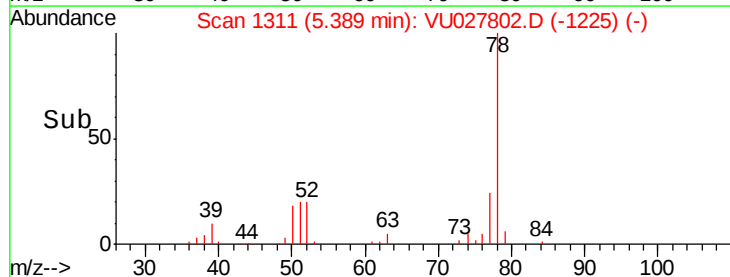
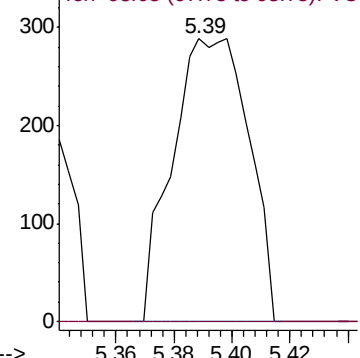


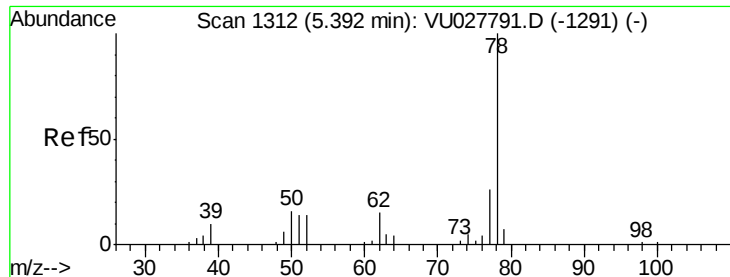
#27
1,2-Dichloroethane
Concen: 0.125 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.02 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Tgt Ion: 62 Resp: 528
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

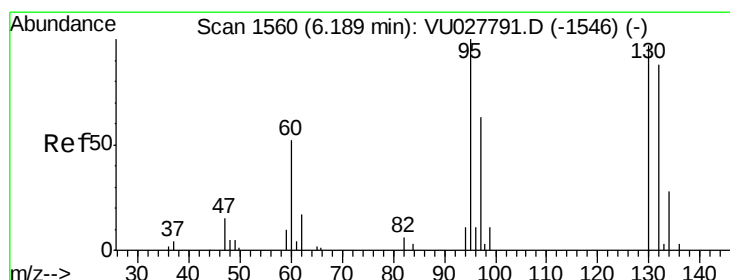
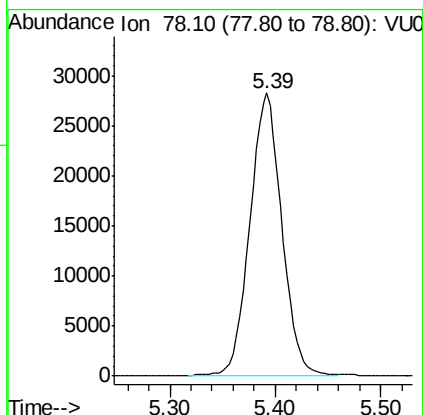
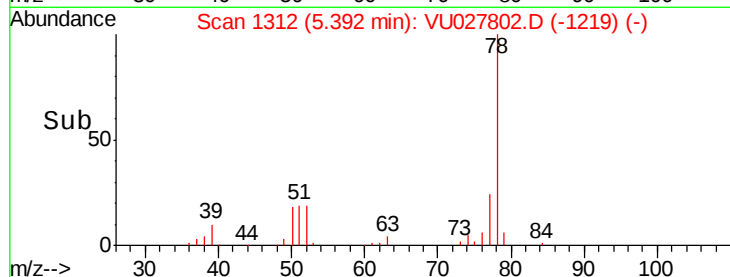
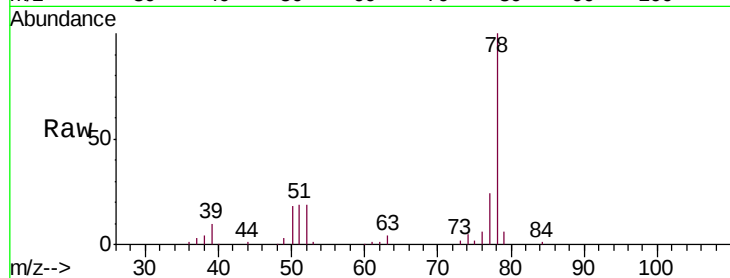




#33
Benzene
Concen: 5.035 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

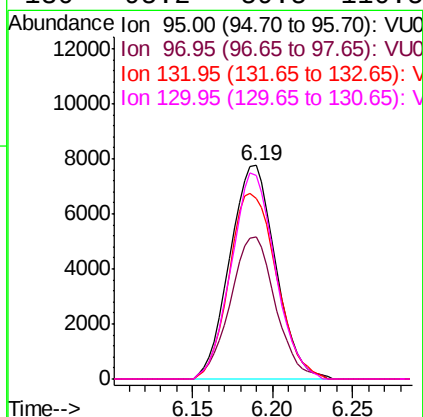
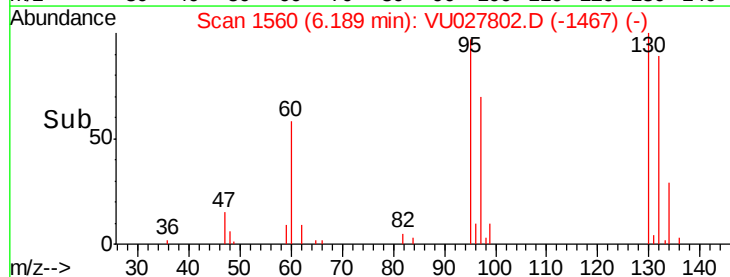
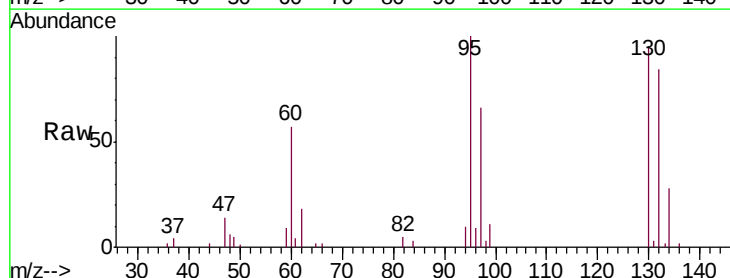
Instrument :
MSVOA_U
ClientSampleId :
H1A08MSD

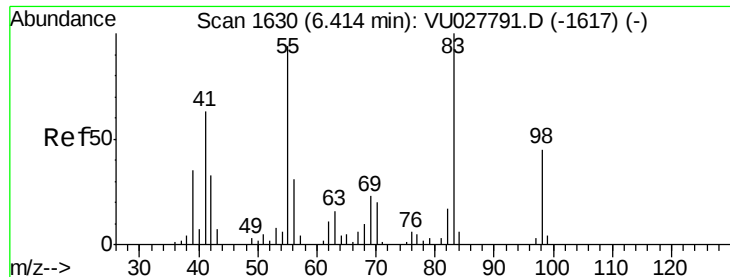
Tgt Ion: 78 Resp: 59884



#34
Trichloroethene
Concen: 4.922 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Tgt Ion: 95 Resp: 15168
Ion Ratio Lower Upper
95 100
97 66.3 46.4 86.2
132 84.3 62.0 115.2
130 95.2 59.5 110.5

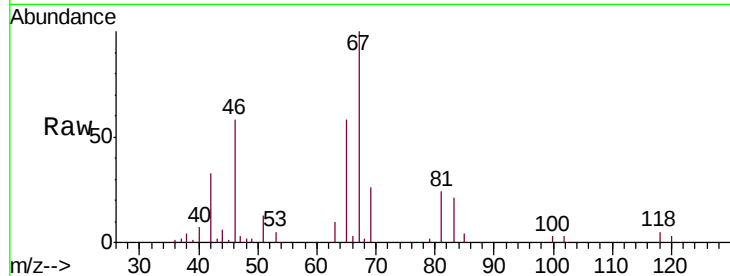




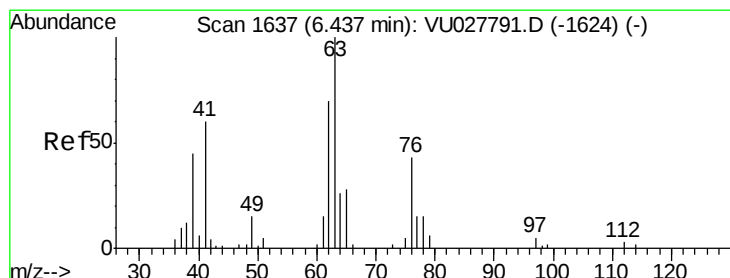
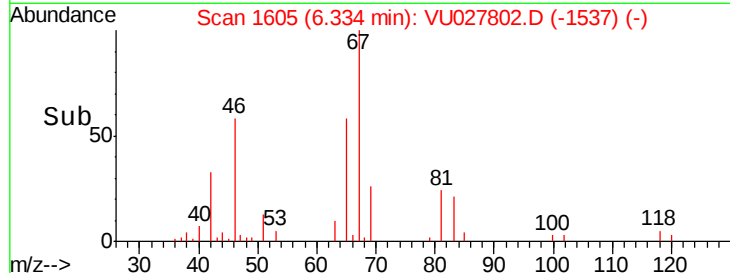
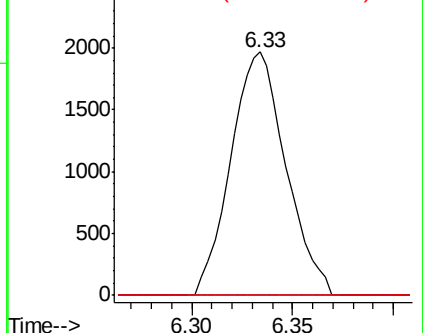
#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Instrument :
MSVOA_U
ClientSampleId :
H1A08MSD

Tgt Ion: 83 Resp: 3752
Ion Ratio Lower Upper
83 100
55 0.0 71.5 107.3#
98 10.7 35.4 53.0#

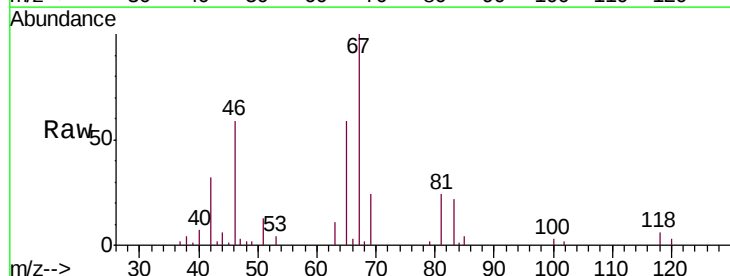


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

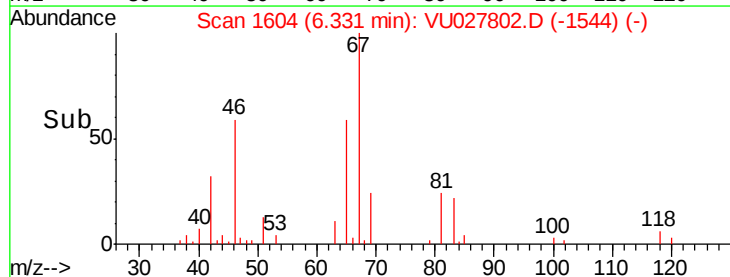
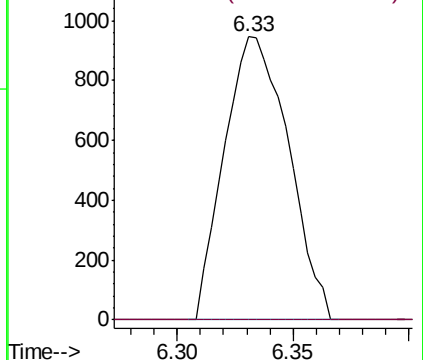


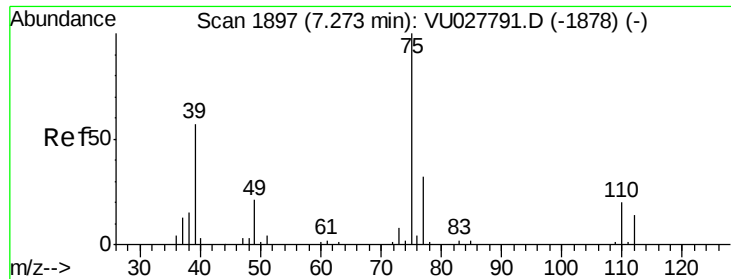
#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.11 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Tgt Ion: 63 Resp: 1821
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



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

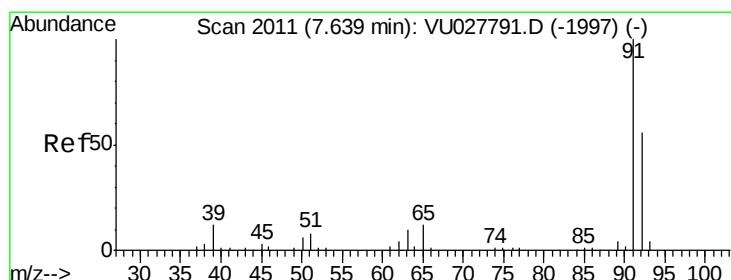
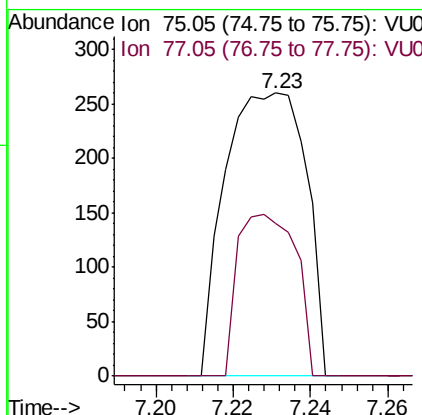
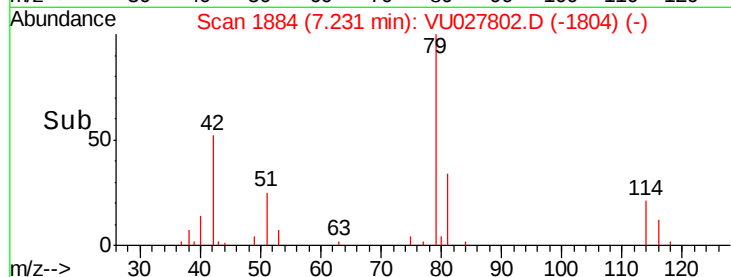
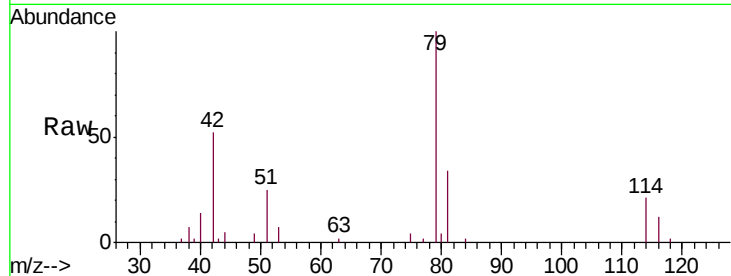




#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

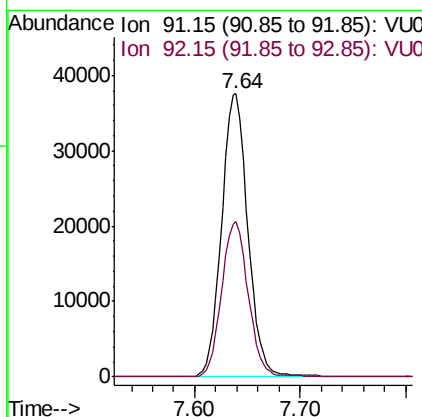
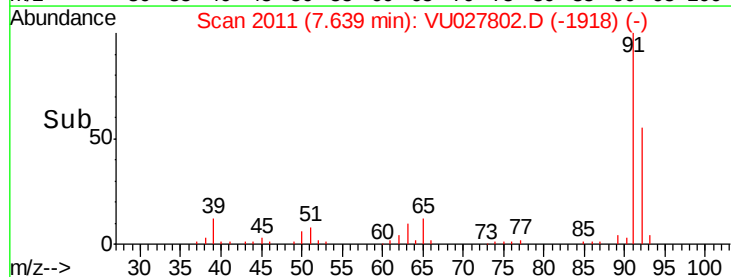
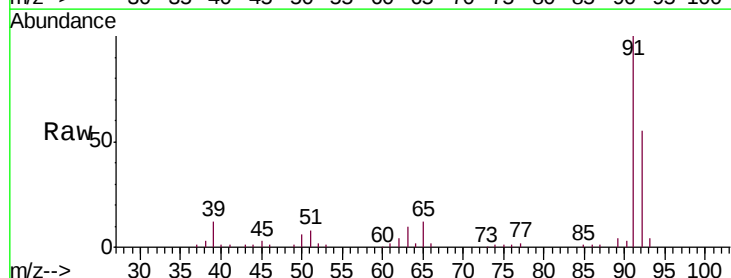
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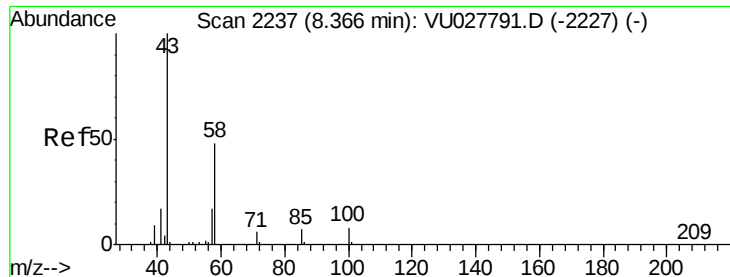
Tgt Ion: 75 Resp: 378
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.5 41.7#



#42
 Toluene
 Concen: 5.055 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

Tgt Ion: 91 Resp: 64720
 Ion Ratio Lower Upper
 91 100
 92 54.9 38.6 71.8

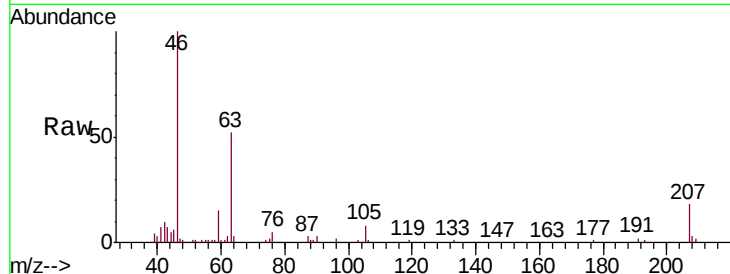




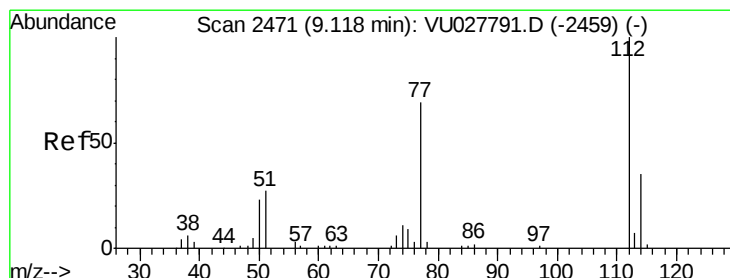
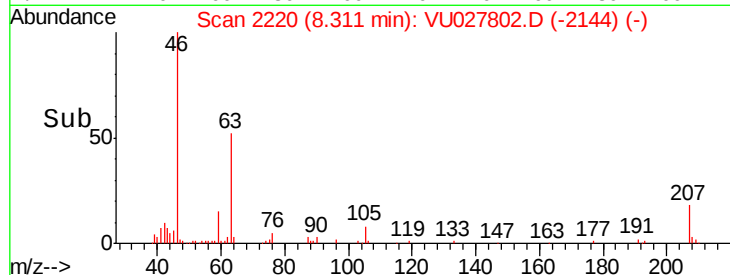
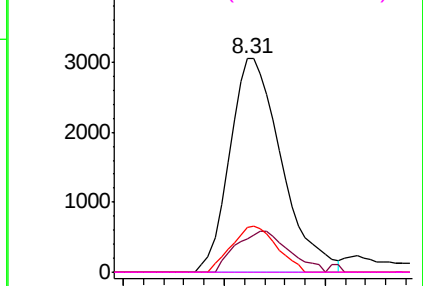
#48
2-Hexanone
Concen: 2.953 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Instrument :
MSVOA_U
ClientSampleId :
H1A08MSD

Tgt Ion:	43	Resp:	5478
Ion	Ratio	Lower	Upper
43	100		
58	19.7	39.4	59.0#
57	18.9	13.8	20.8
100	0.0	6.7	10.1#

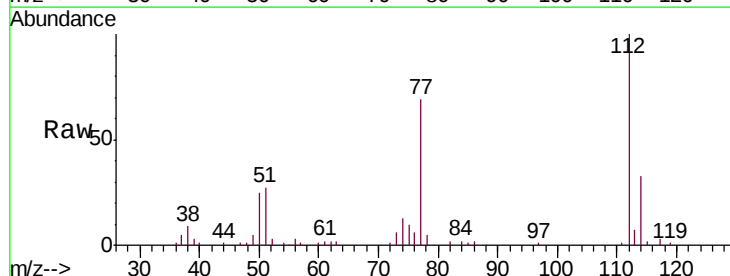


Abundance Ion 43.05 (42.75 to 43.75): VU027791.D (-2227) (-)
Ion 58.05 (57.75 to 58.75): VU027791.D (-2227) (-)
Ion 57.20 (56.90 to 57.90): VU027791.D (-2227) (-)
Ion 100.15 (99.85 to 100.85): VU027791.D (-2227) (-)

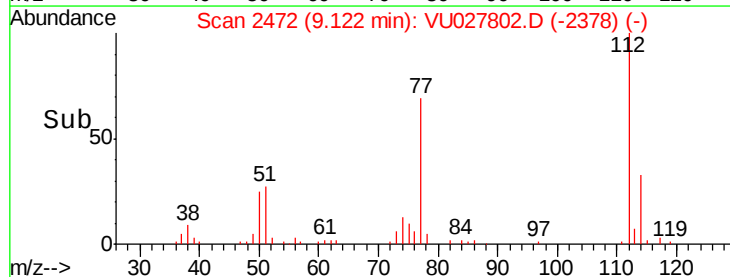
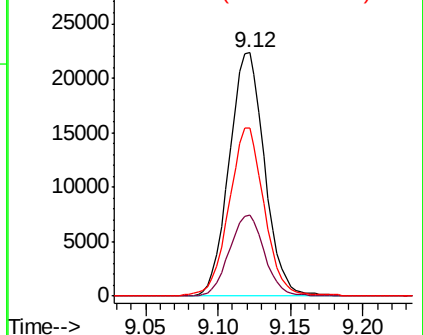


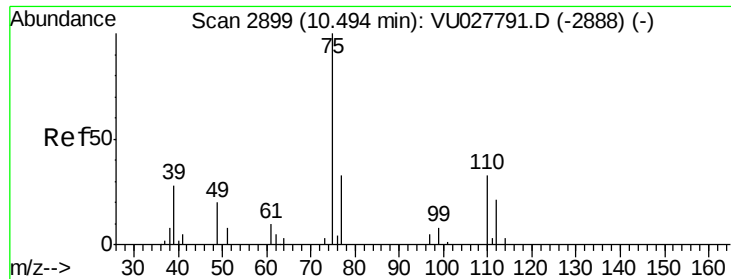
#51
Chlorobenzene
Concen: 4.800 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027802.D
Acq: 24 Oct 2018 22:12

Tgt Ion:	112	Resp:	37839
Ion	Ratio	Lower	Upper
112	100		
114	33.4	21.2	39.4
77	69.1	54.2	81.4



Abundance Ion 112.10 (111.80 to 112.80): VU027791.D (-2459) (-)
Ion 114.05 (113.75 to 114.75): VU027791.D (-2459) (-)
Ion 77.10 (76.80 to 77.80): VU027791.D (-2459) (-)

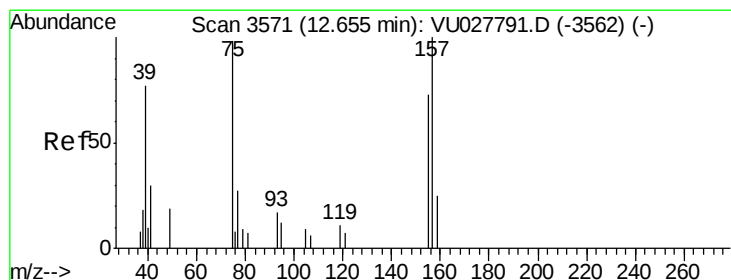
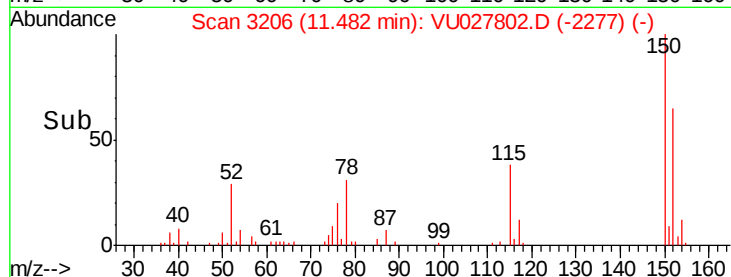
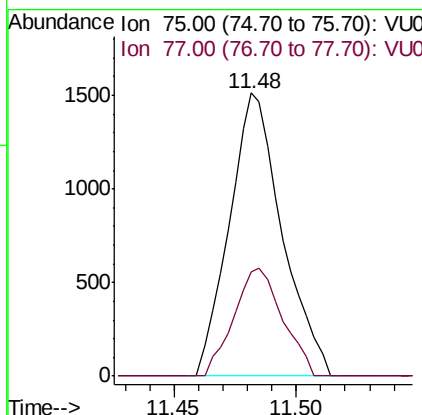
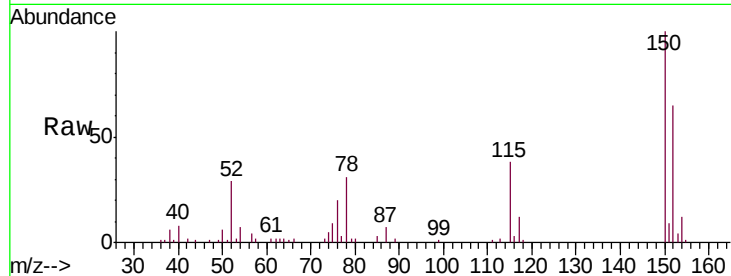




#59
 1,2,3-Trichloropropane
 Concen: 1.029 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A08MSD

Tgt Ion: 75 Resp: 2262
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.4 39.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.888 ug/L
 RT: 12.48 min Scan# 3518
 Delta R.T. -0.17 min
 Lab File: VU027802.D
 Acq: 24 Oct 2018 22:12

Tgt Ion: 75 Resp: 426
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.2 69.2#
 157 0.0 68.9 103.3#

