

Data File : VU032068.D
Acq On : 16 May 2019 23:09
Operator : JC/SP
Sample : K2850-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W10

Quant Time: May 17 07:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	400826	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	403221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153195	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	127103	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	216972	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.21	46	284520	42.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.84%
24) Chloroform-d	4.64	84	264193	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	134544	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.33	84	563603	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	162528	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.56	98	465262	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	54400	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	250010	42.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131501	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	159481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

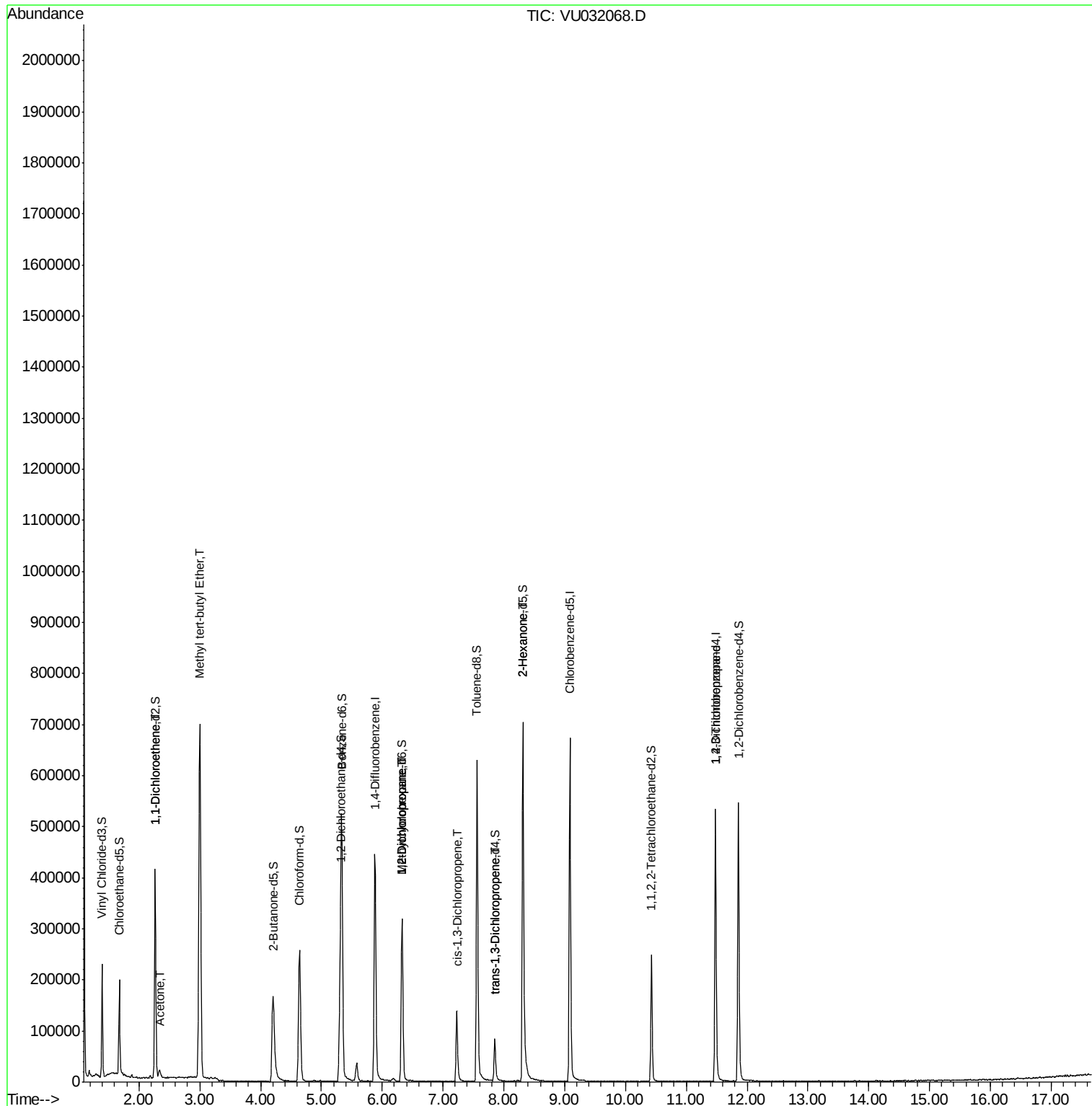
					Qvalue
12) 1,1-Dichloroethene	2.27	96	2134	0.133 ug/L #	1
13) Acetone	2.34	43	13957	6.414 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	810670	21.422 ug/L	97
35) Methylcyclohexane	6.32	83	40168	1.661 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17413	1.150 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	3771	0.180 ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	2057	0.126 ug/L #	50
48) 2-Hexanone	8.31	43	30274	5.562 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	16888	1.756 ug/L #	86

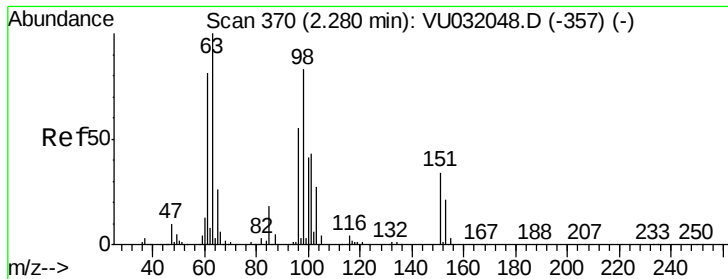
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.133 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032068.D

Acq: 16 May 2019 23:09

Instrument :

MSVOA_U

ClientSampleId :

F9W10

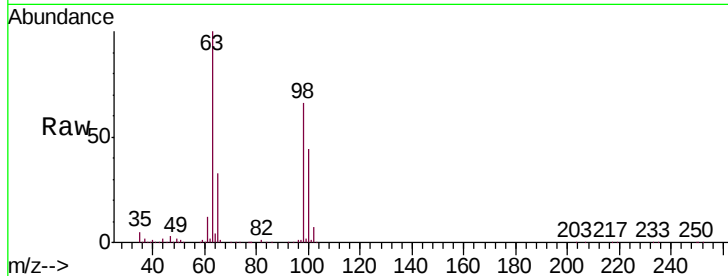
Tgt Ion: 96 Resp: 2134

Ion Ratio Lower Upper

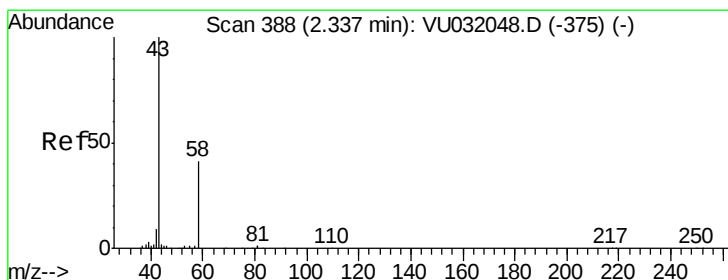
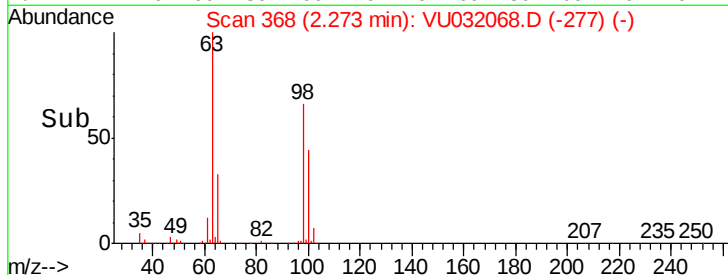
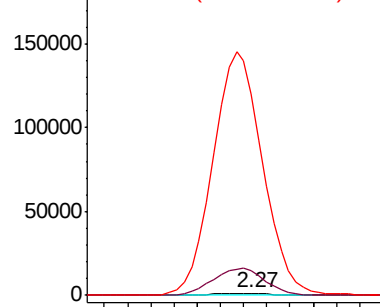
96 100

61 1141.3 111.7 207.5#

63 9420.7 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 6.414 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU032068.D

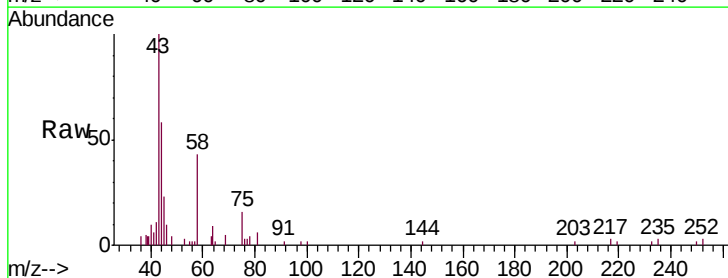
Acq: 16 May 2019 23:09

Tgt Ion: 43 Resp: 13957

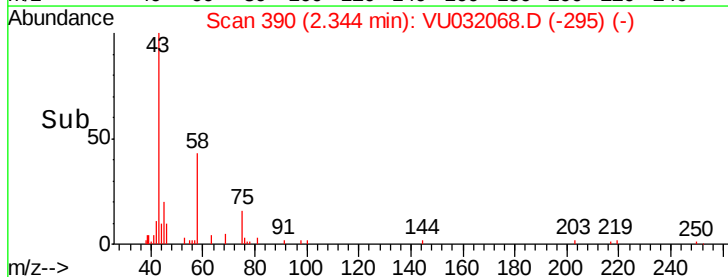
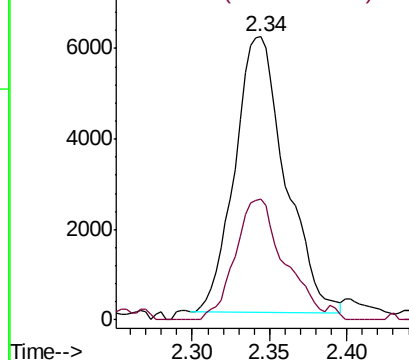
Ion Ratio Lower Upper

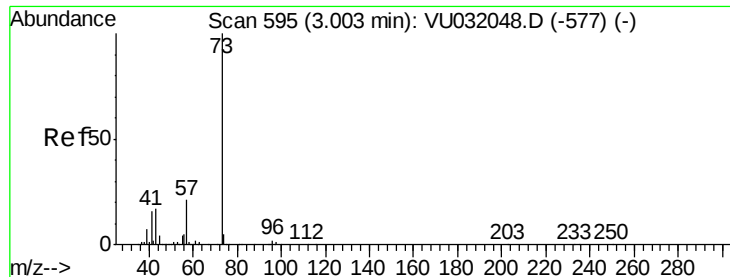
43 100

58 42.3 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

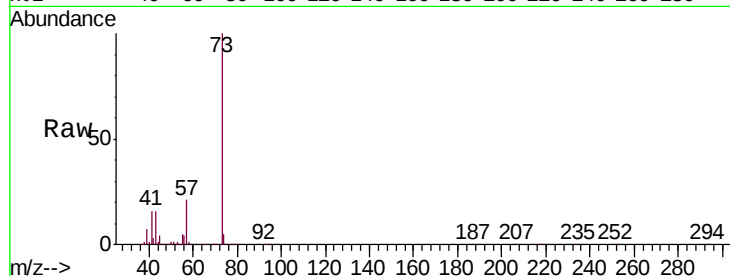




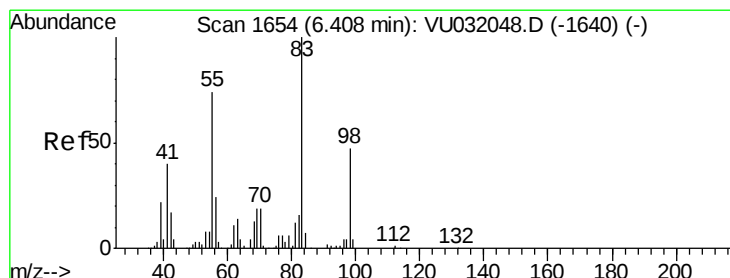
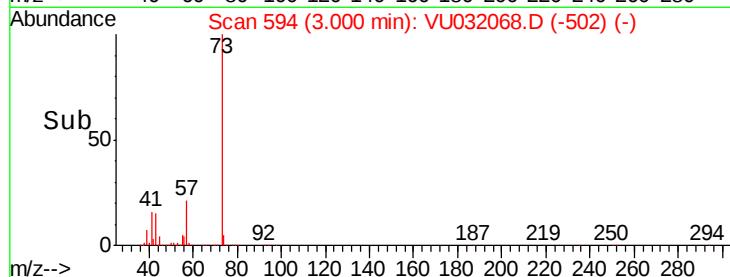
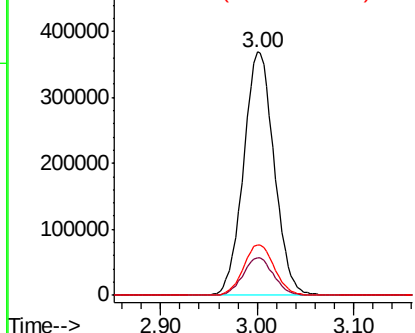
#17
Methyl tert-butyl Ether
Concen: 21.422 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032068.D
Acq: 16 May 2019 23:09

Instrument :
MSVOA_U
ClientSampleId :
F9W10

Tgt Ion: 73 Resp: 810670
Ion Ratio Lower Upper
73 100
43 15.3 13.0 19.6
57 21.0 17.9 26.9

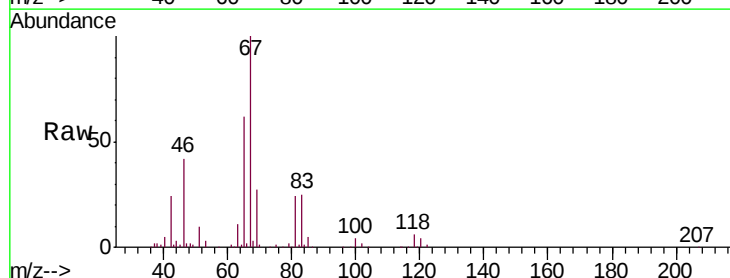


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

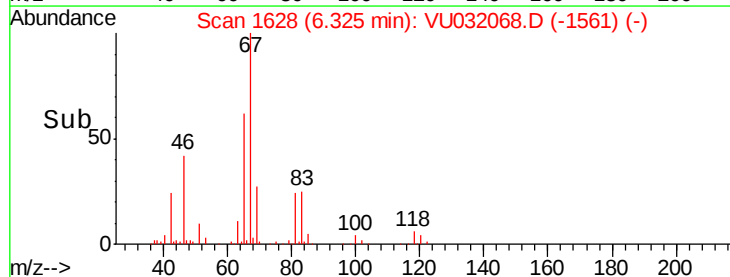
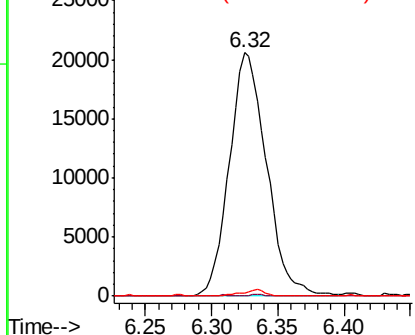


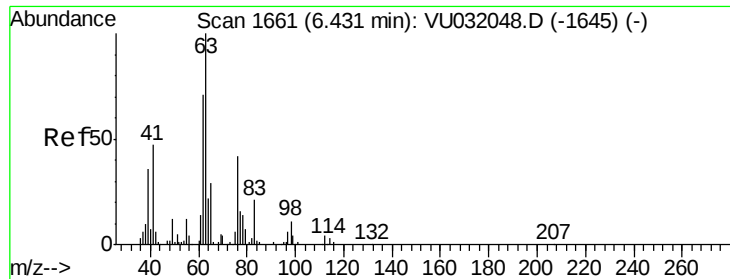
#35
Methylcyclohexane
Concen: 1.661 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032068.D
Acq: 16 May 2019 23:09

Tgt Ion: 83 Resp: 40168
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.6 36.8 55.2#



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

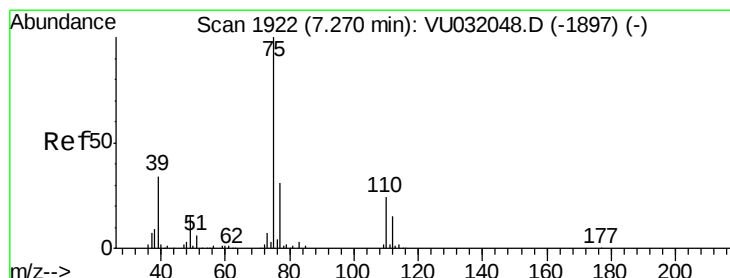
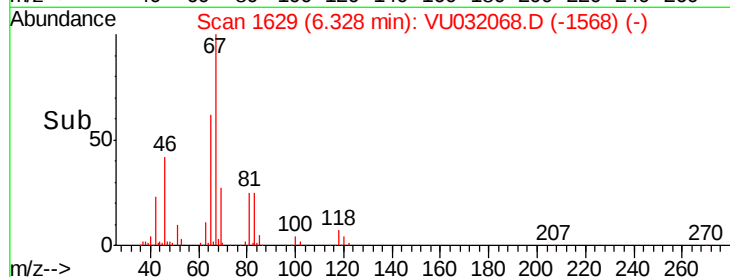
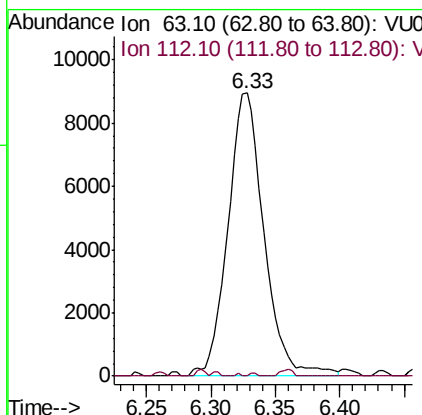
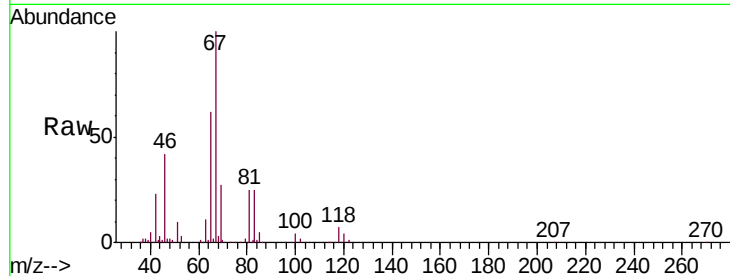




#37
 1,2-Dichloropropane
 Concen: 1.150 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032068.D
 Acq: 16 May 2019 23:09

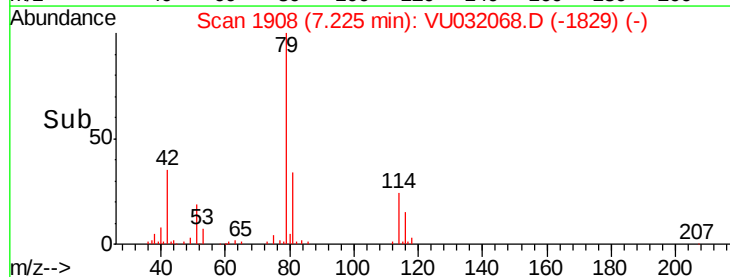
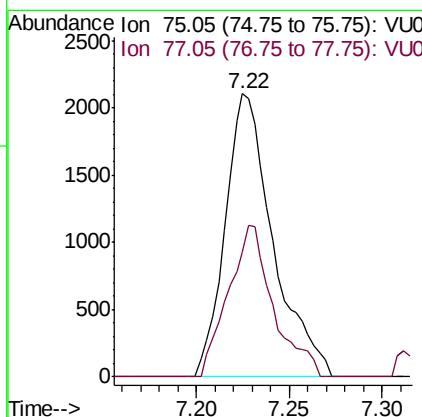
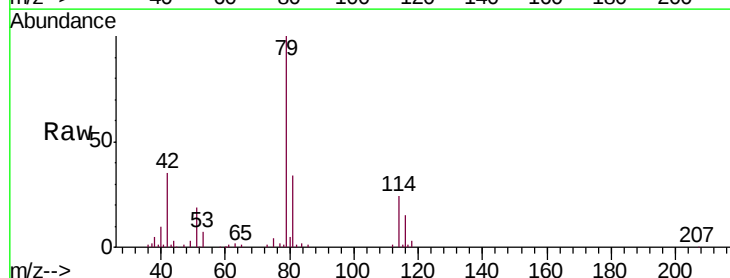
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W10

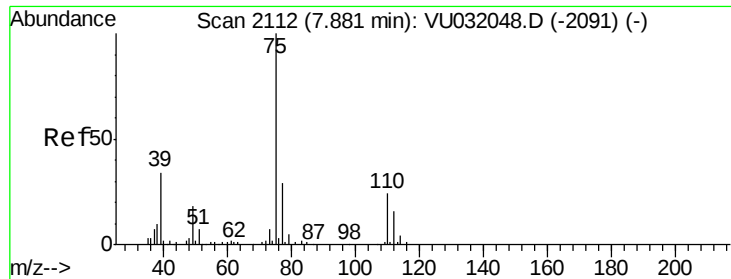
Tgt Ion: 63 Resp: 17413
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.180 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032068.D
 Acq: 16 May 2019 23:09

Tgt Ion: 75 Resp: 3771
 Ion Ratio Lower Upper
 75 100
 77 44.2 21.7 40.3#





#44

trans-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032068.D

Acq: 16 May 2019 23:09

Instrument :

MSVOA_U

ClientSampleId :

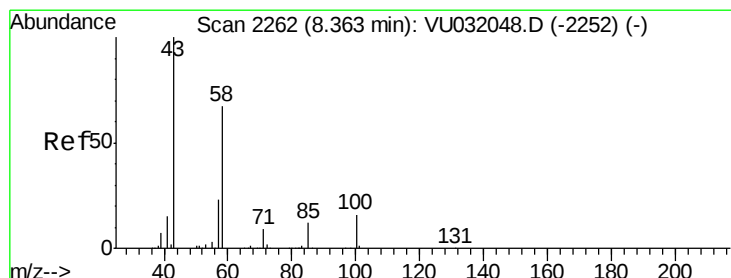
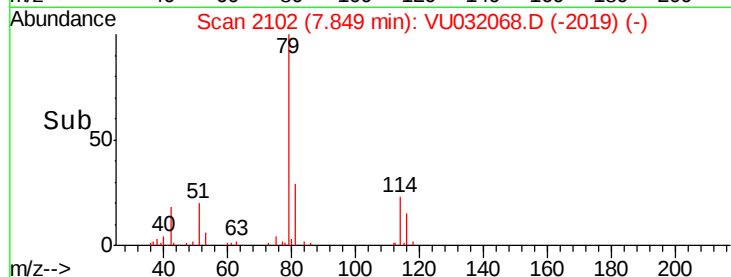
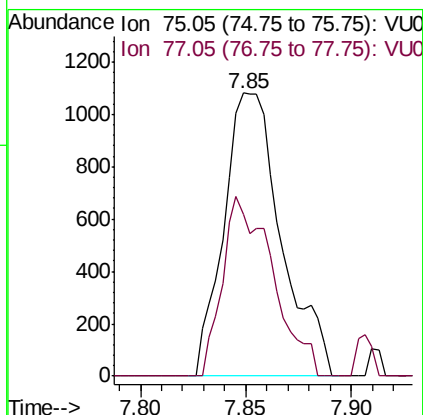
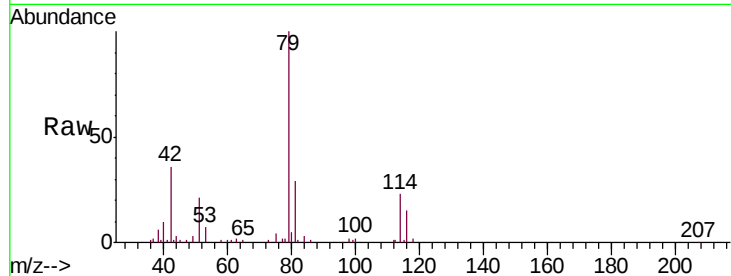
F9W10

Tgt Ion: 75 Resp: 2057

Ion Ratio Lower Upper

75 100

77 57.3 21.0 39.0#



#48

2-Hexanone

Concen: 5.562 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU032068.D

Acq: 16 May 2019 23:09

Tgt Ion: 43 Resp: 30274

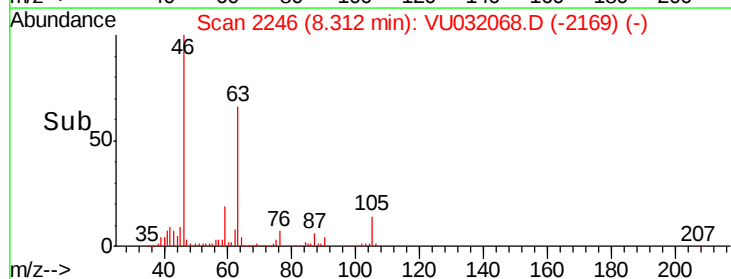
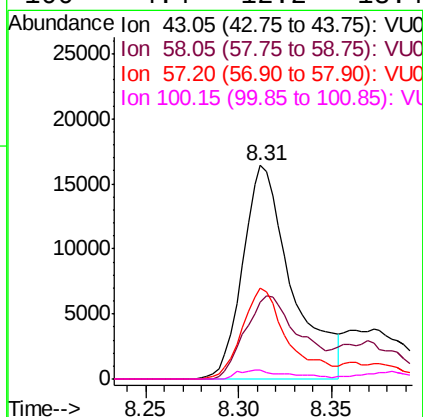
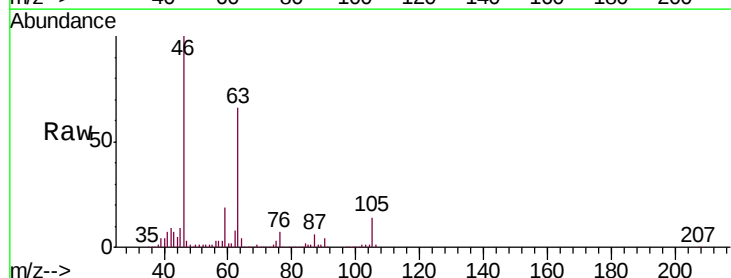
Ion Ratio Lower Upper

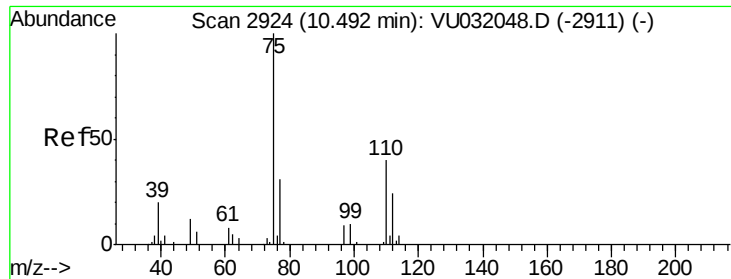
43 100

58 43.3 51.6 77.4#

57 40.1 18.4 27.6#

100 4.4 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.756 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032068.D

Acq: 16 May 2019 23:09

Instrument :

MSVOA_U

ClientSampleId :

F9W10

Tgt Ion: 75 Resp: 16888

Ion Ratio Lower Upper

75 100

77 40.4 26.2 39.2#

