

Data File : VU032141.D
Acq On : 18 May 2019 08:44
Operator : JC/SP
Sample : K2860-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W49

Quant Time: May 20 05:00:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	342976	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107216	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.68	69	95645	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.27	63	150803	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.19	46	225010	39.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.34%
24) Chloroform-d	4.64	84	212958	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	108347	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.33	84	429441	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.33	67	126591	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.56	98	350128	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	38247	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.31	63	197695	38.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106423	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	136998	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

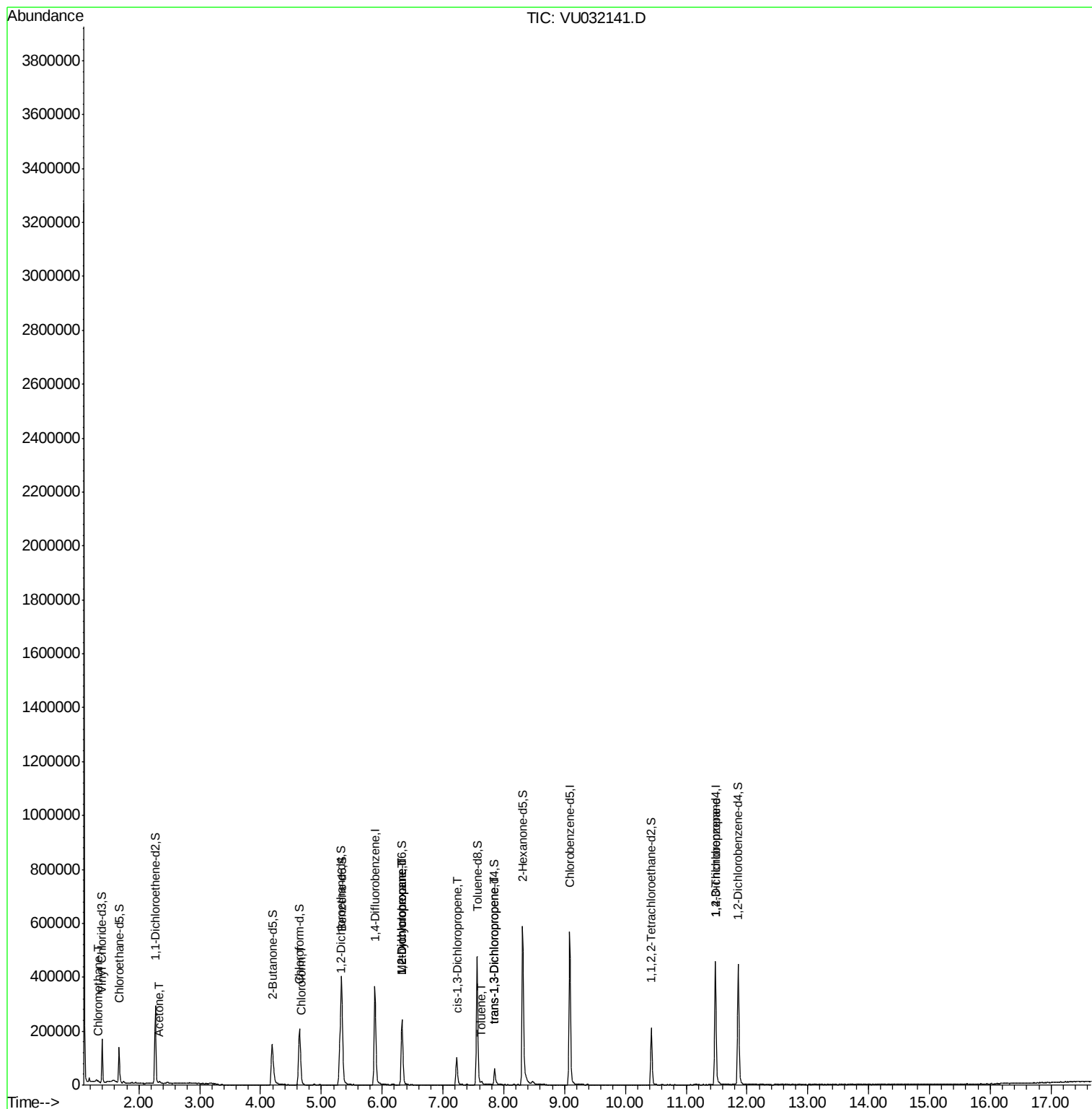
					Qvalue
3) Chloromethane	1.32	50	3633	0.221 ug/L	98
13) Acetone	2.33	43	2172	1.166 ug/L	82
25) Chloroform	4.67	83	4936	0.197 ug/L	83
35) Methylcyclohexane	6.32	83	31121	1.472 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	12796	0.967 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2662	0.145 ug/L #	50
42) Toluene	7.64	91	5566	0.098 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	1473	0.104 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	13698	1.629 ug/L	89

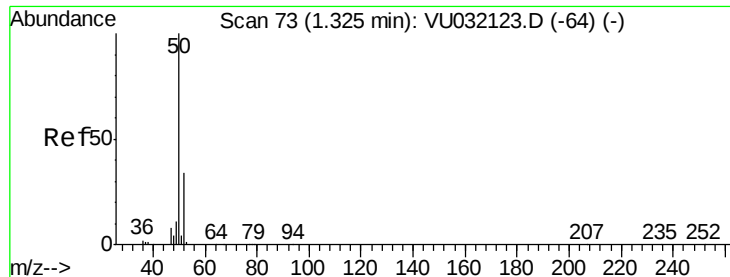
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.221 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032141.D

Acq: 18 May 2019 08:44

Instrument :

MSVOA_U

ClientSampleId :

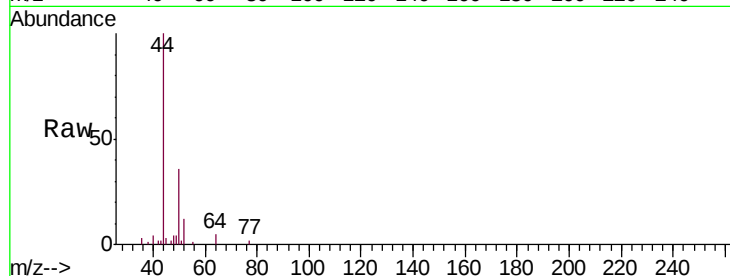
F9W49

Tgt Ion: 50 Resp: 3633

Ion Ratio Lower Upper

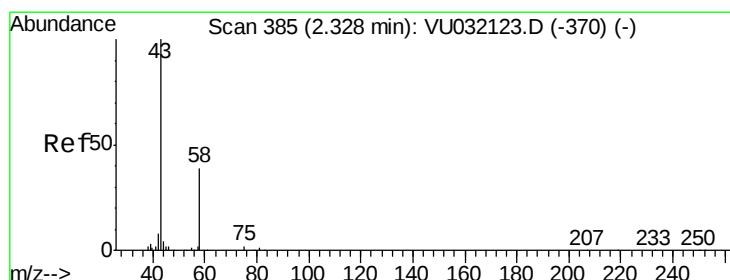
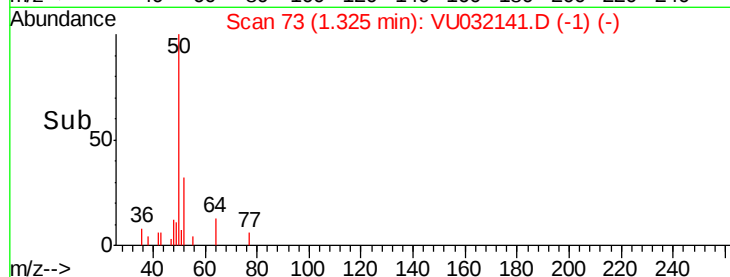
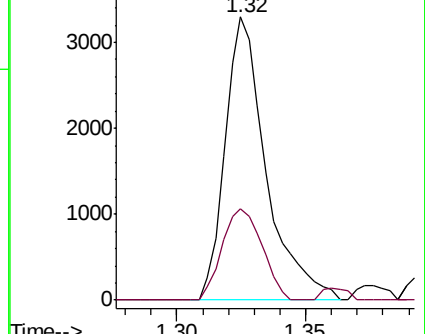
50 100

52 32.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032123.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU032123.D (-64) (-)



#13

Acetone

Concen: 1.166 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU032141.D

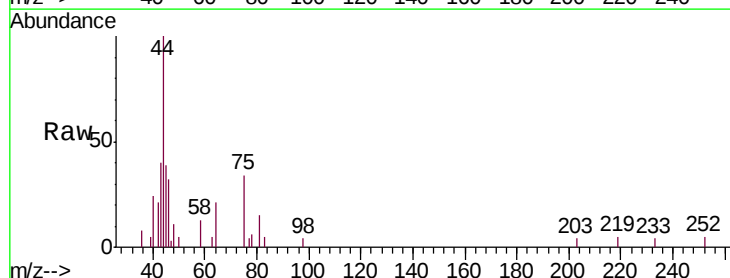
Acq: 18 May 2019 08:44

Tgt Ion: 43 Resp: 2172

Ion Ratio Lower Upper

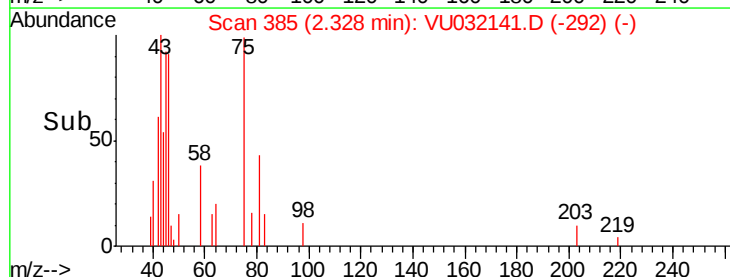
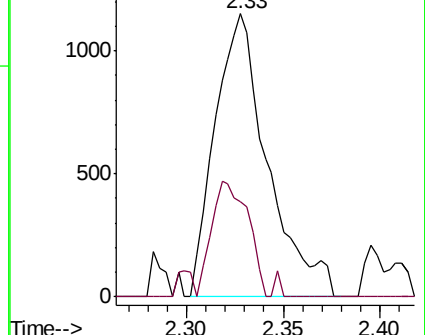
43 100

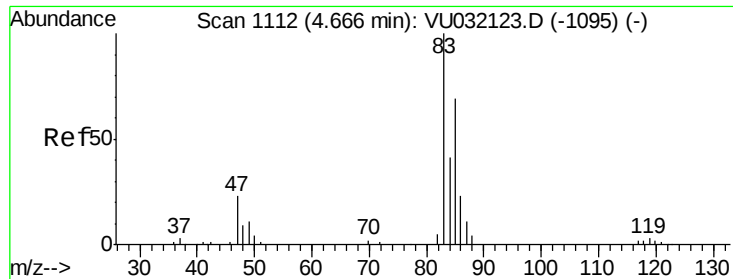
58 28.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU032123.D (-370) (-)

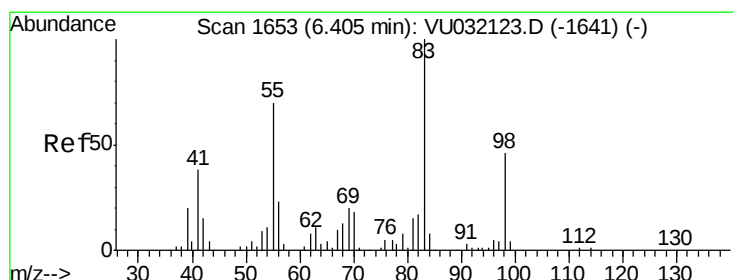
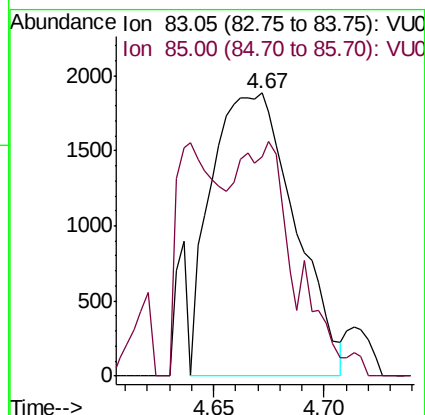
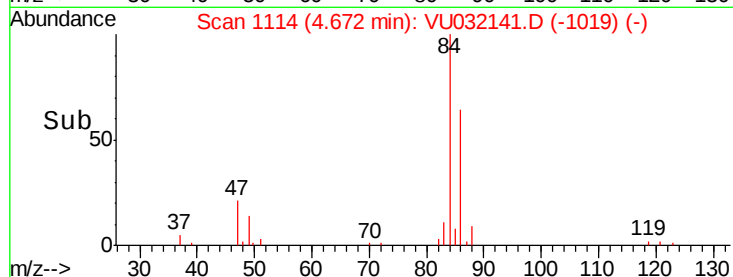
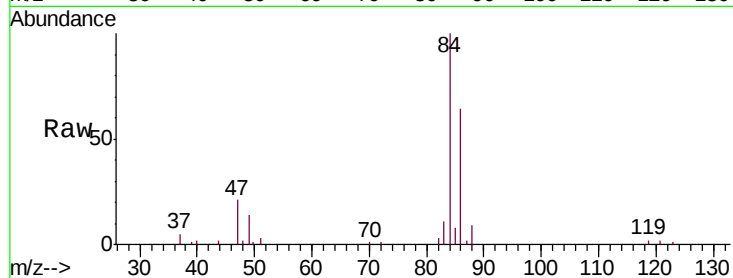




#25
Chloroform
Concen: 0.197 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU032141.D
Acq: 18 May 2019 08:44

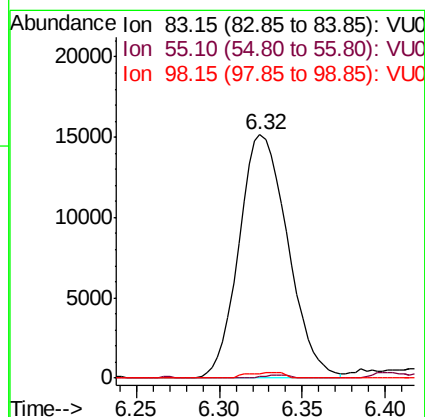
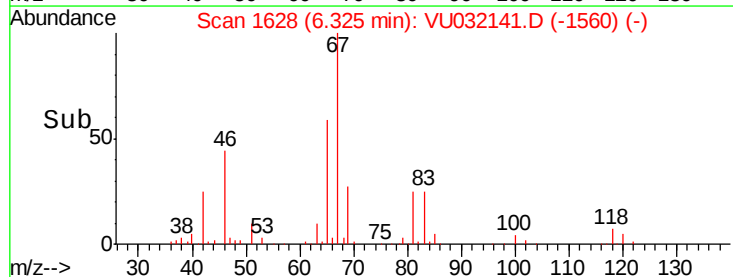
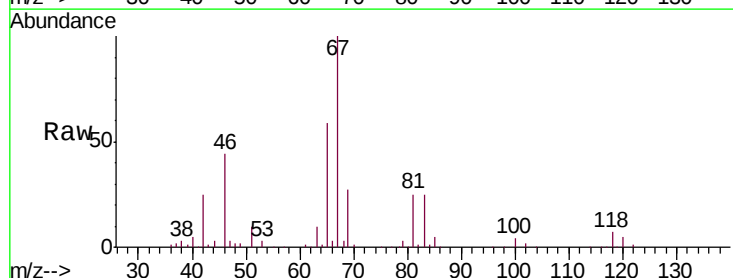
Instrument :
MSVOA_U
ClientSampled :
F9W49

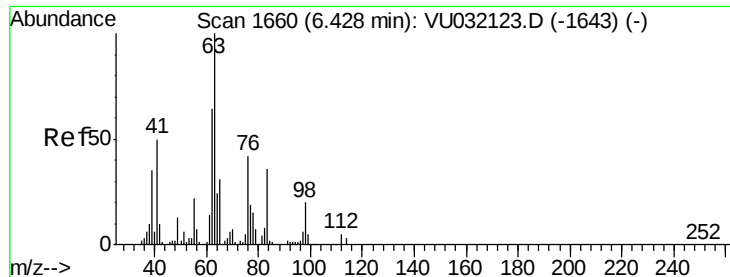
Tgt Ion: 83 Resp: 4936
Ion Ratio Lower Upper
83 100
85 77.7 44.9 83.3



#35
Methylcyclohexane
Concen: 1.472 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032141.D
Acq: 18 May 2019 08:44

Tgt Ion: 83 Resp: 31121
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 1.8 36.8 55.2#

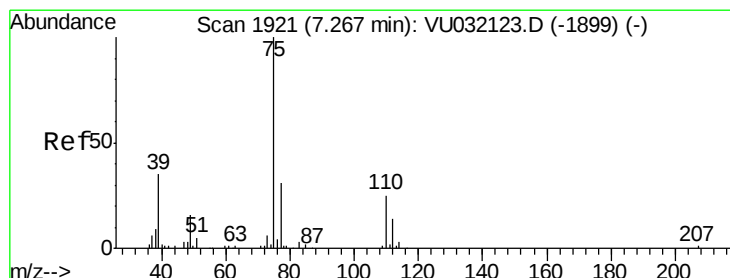
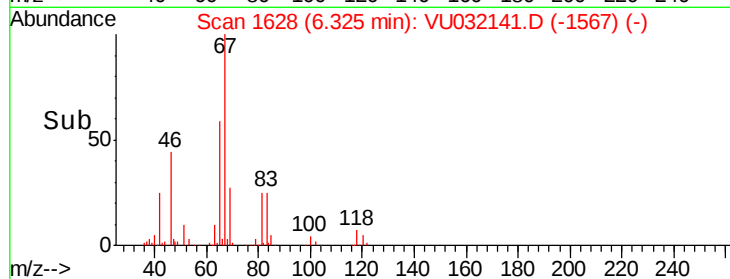
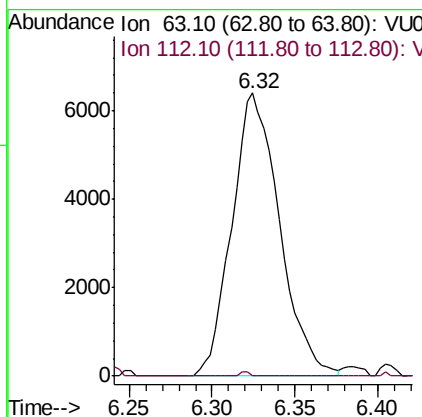
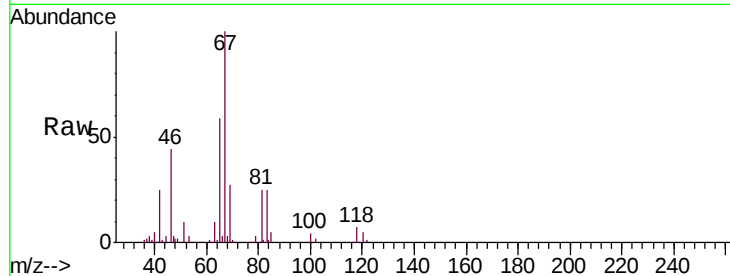




#37
 1,2-Dichloropropane
 Concen: 0.967 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032141.D
 Acq: 18 May 2019 08:44

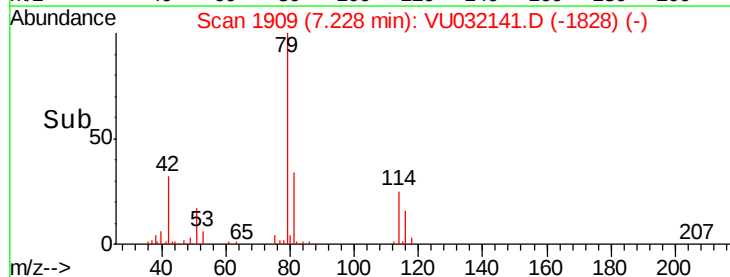
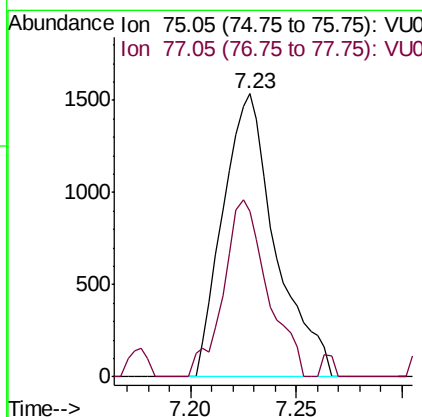
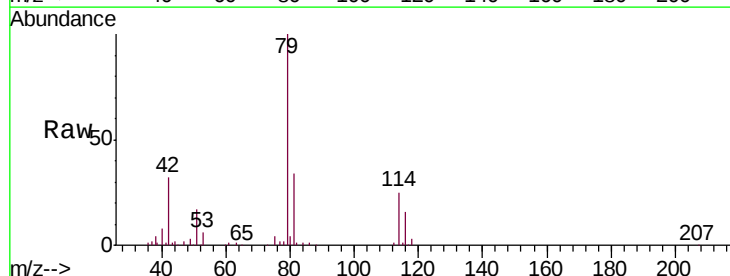
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W49

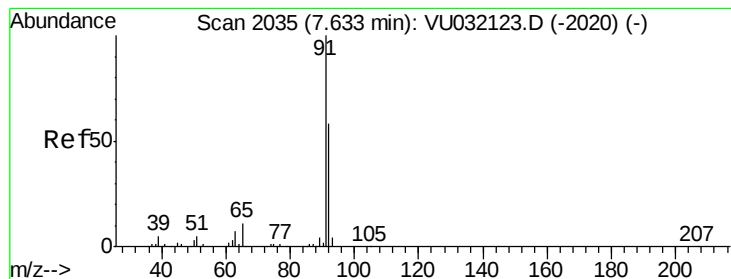
Tgt Ion: 63 Resp: 12796
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032141.D
 Acq: 18 May 2019 08:44

Tgt Ion: 75 Resp: 2662
 Ion Ratio Lower Upper
 75 100
 77 58.5 21.7 40.3#





#42

Toluene

Concen: 0.098 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032141.D

Acq: 18 May 2019 08:44

Instrument :

MSVOA_U

ClientSampleId :

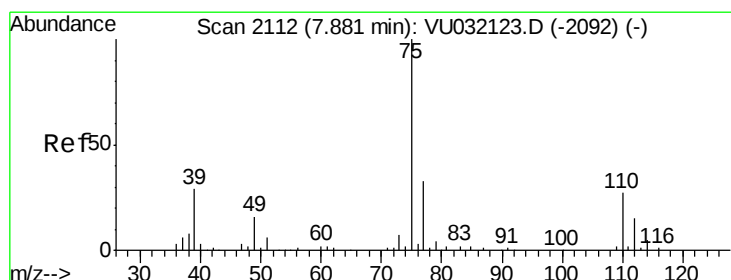
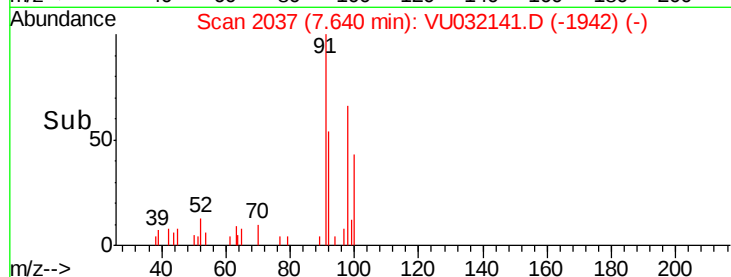
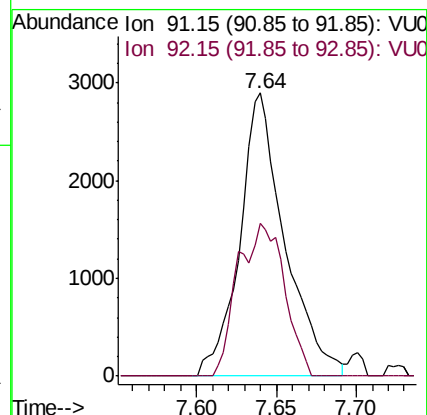
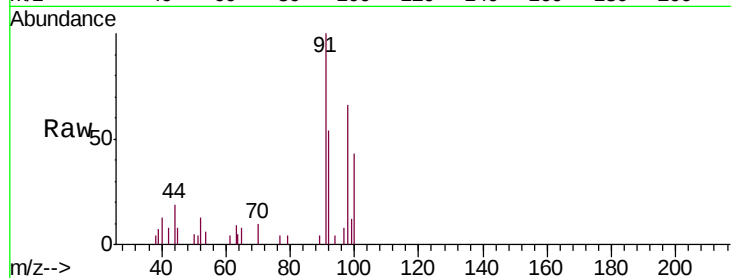
F9W49

Tgt Ion: 91 Resp: 5566

Ion Ratio Lower Upper

91 100

92 54.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032141.D

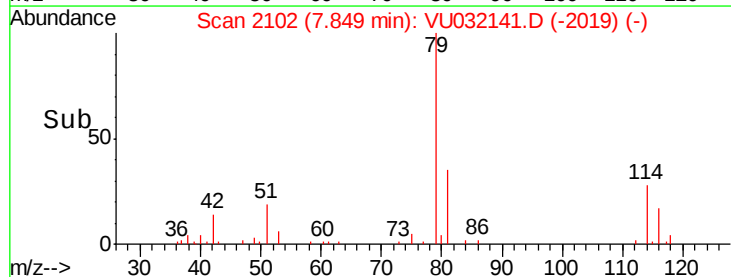
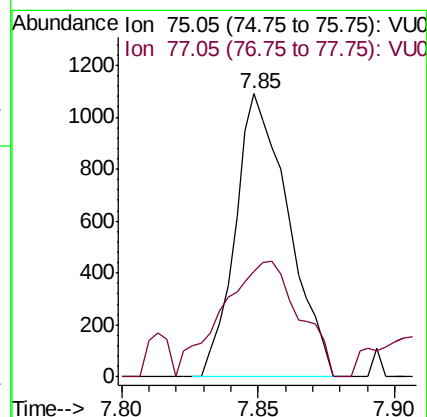
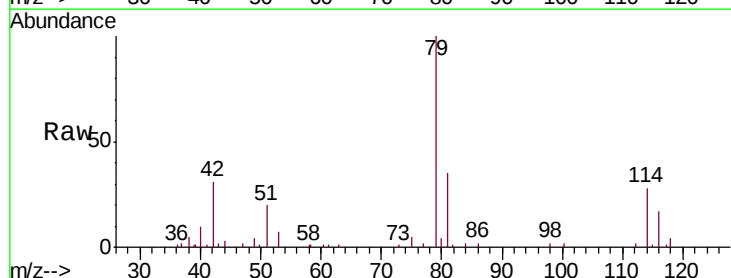
Acq: 18 May 2019 08:44

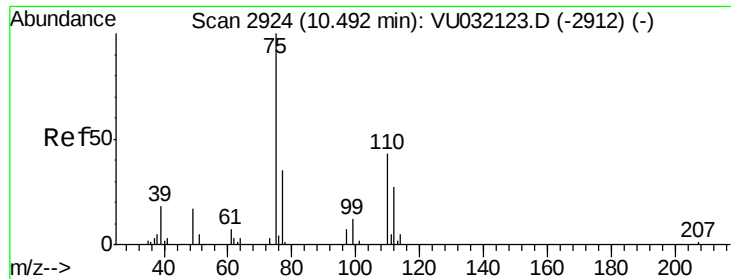
Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 37.3 21.0 39.0





#59

1,2,3-Trichloropropane

Concen: 1.629 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032141.D

Acq: 18 May 2019 08:44

Instrument :

MSVOA_U

ClientSampleId :

F9W49

Tgt Ion: 75 Resp: 13698

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

