

Data File : VU032269.D
Acq On : 23 May 2019 15:15
Operator : JC/SP
Sample : K3018-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ0

Quant Time: May 24 01:39:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360349	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98185	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	88381	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	150859	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.19	46	231481	40.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.10%
24) Chloroform-d	4.64	84	204694	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.31	65	101011	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.33	84	414200	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.32	67	122575	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.80%
41) Toluene-d8	7.56	98	330258	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	7.85	79	41702	3.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.60%
46) 2-Hexanone-d5	8.31	63	186736	37.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99980	2.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	125131	3.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.60%#

Target Compounds

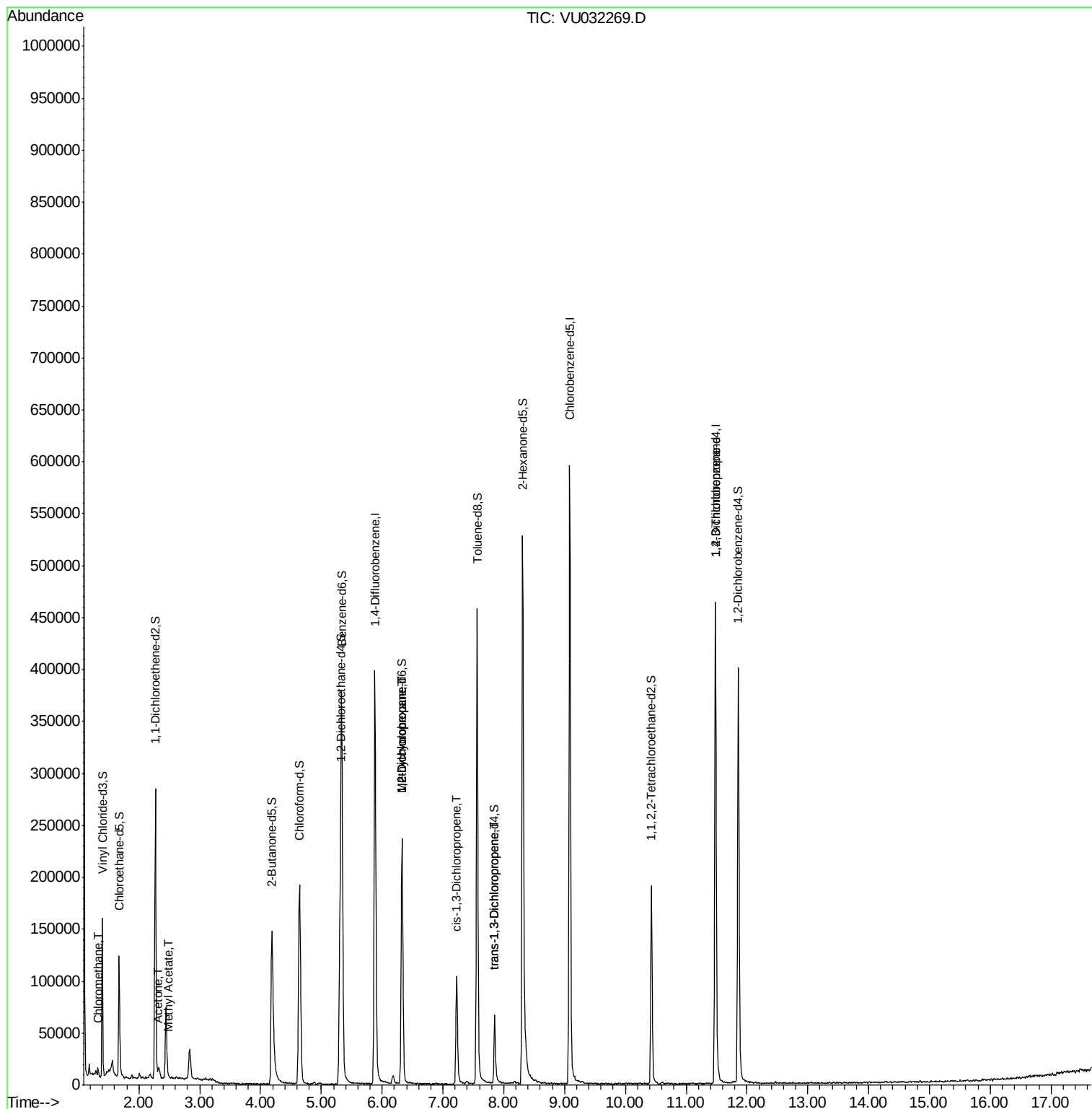
					Qvalue
3) Chloromethane	1.33	50	4865	0.315 ug/L	100
13) Acetone	2.32	43	6796	3.843 ug/L	98
15) Methyl Acetate	2.50	43	707	0.136 ug/L #	53
35) Methylcyclohexane	6.32	83	30497	1.540 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	12741	1.056 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2950	0.172 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1364	0.101 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	14779	1.881 ug/L	98

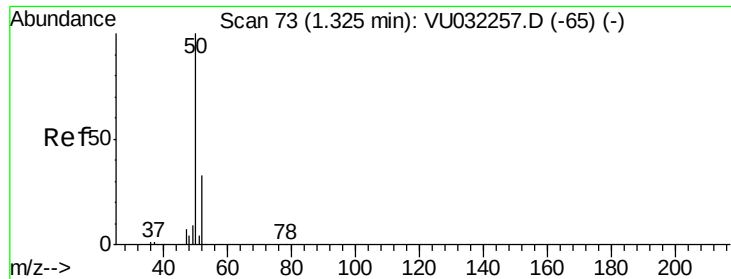
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.315 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032269.D

Acq: 23 May 2019 15:15

Instrument :

MSVOA_U

ClientSampled :

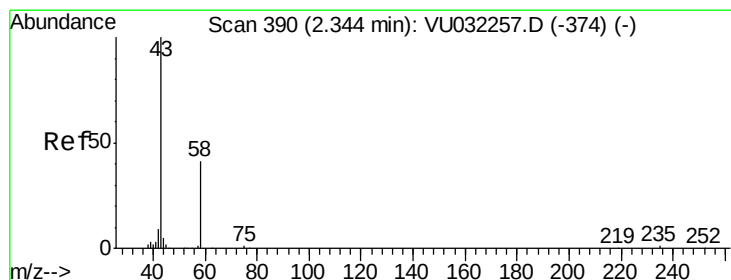
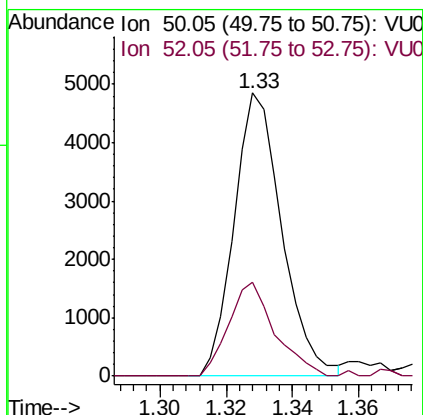
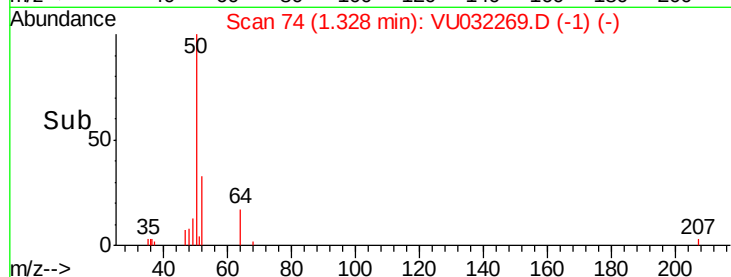
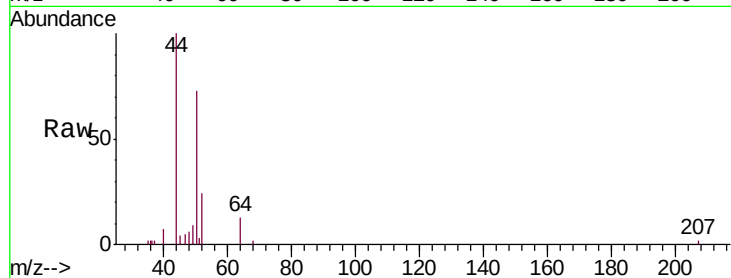
C0XJ0

Tgt Ion: 50 Resp: 4865

Ion Ratio Lower Upper

50 100

52 33.1 23.3 43.3



#13

Acetone

Concen: 3.843 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032269.D

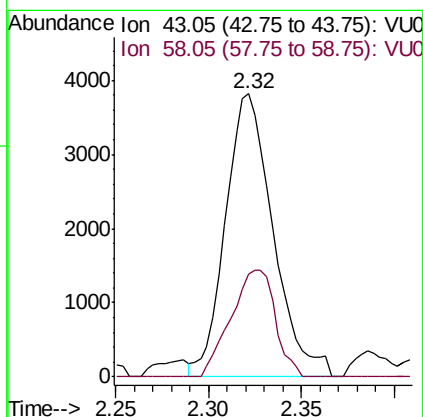
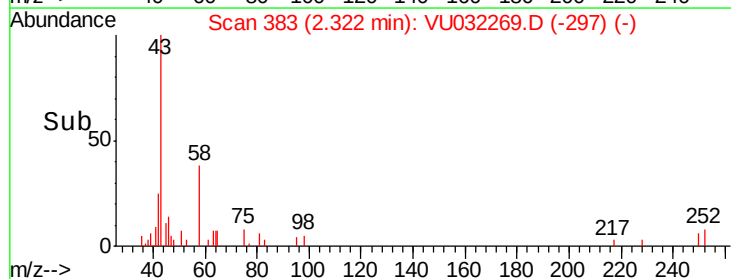
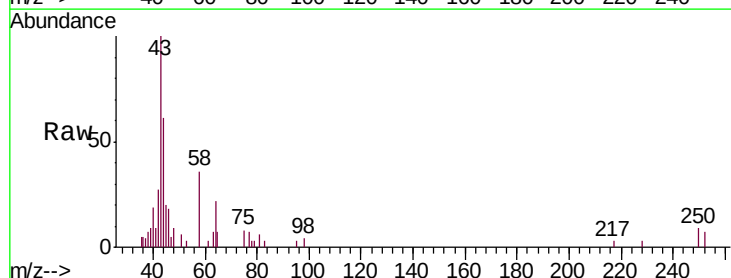
Acq: 23 May 2019 15:15

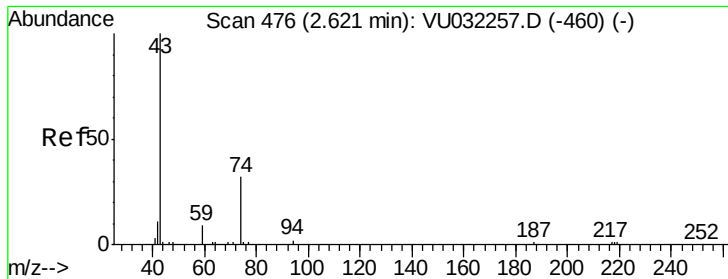
Tgt Ion: 43 Resp: 6796

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.6

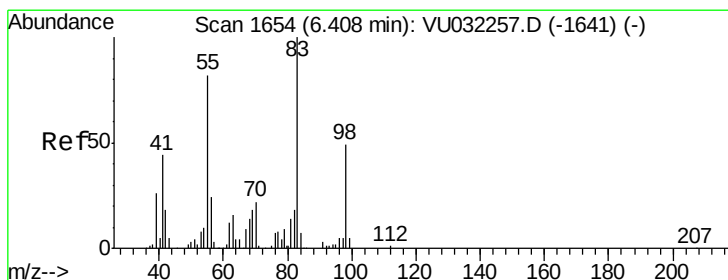
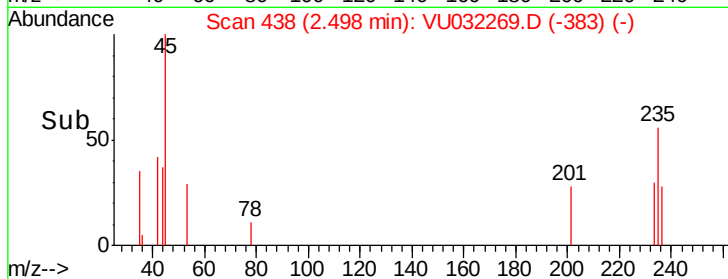
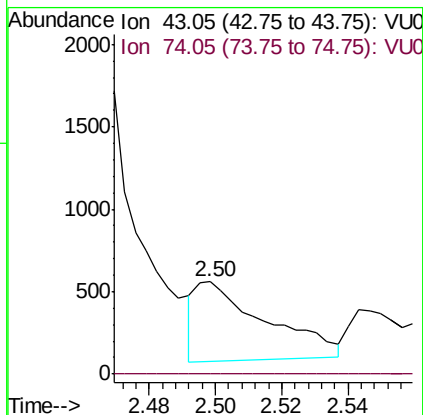
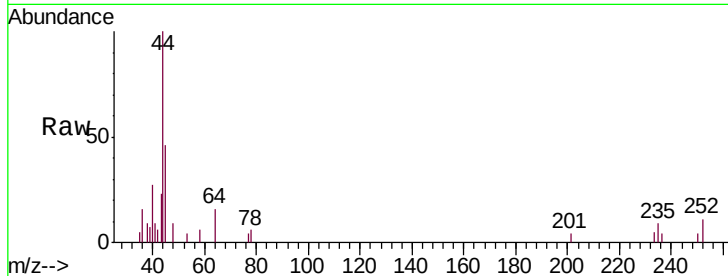




#15
Methyl Acetate
Concen: 0.136 ug/L
RT: 2.50 min Scan# 438
Delta R.T. -0.12 min
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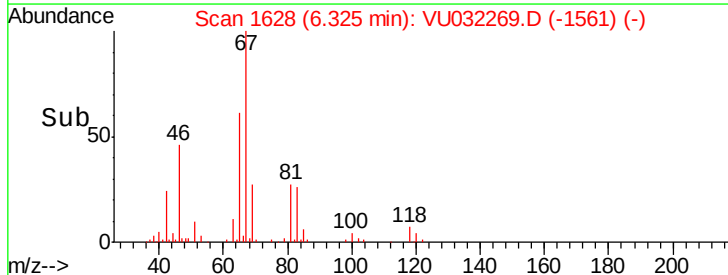
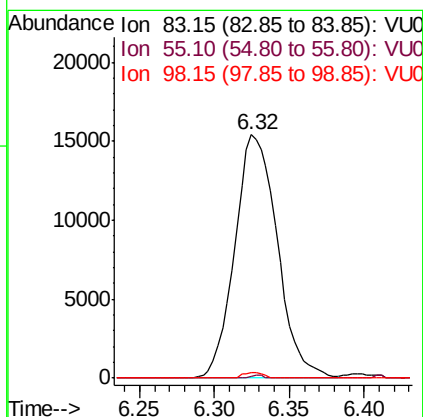
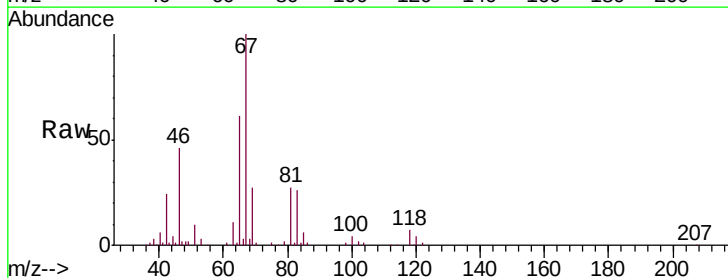
Instrument :
MSVOA_U
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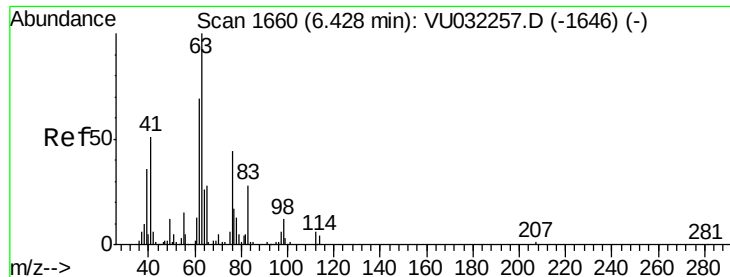
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
74 7.4 27.3 40.9#



#35
Methylcyclohexane
Concen: 1.540 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032269.D
Acq: 23 May 2019 15:15

Tgt Ion: 83 Resp: 30497
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.1 37.5 56.3#

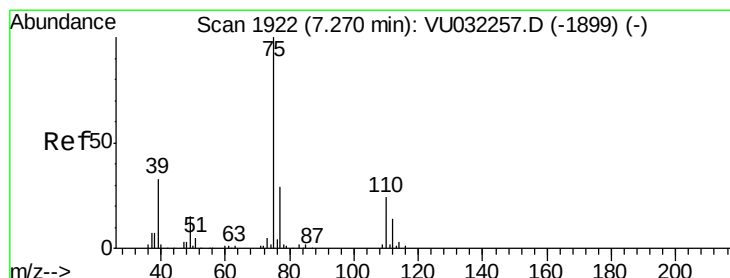
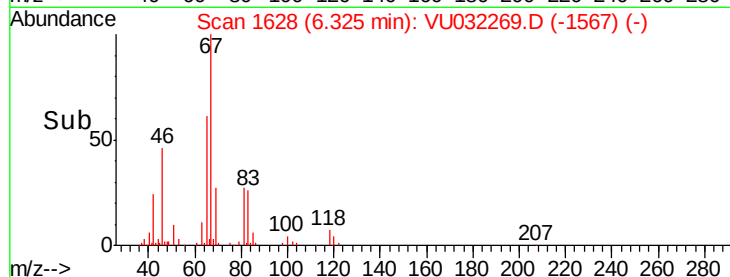
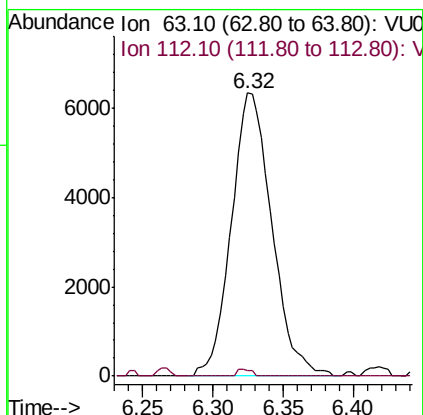
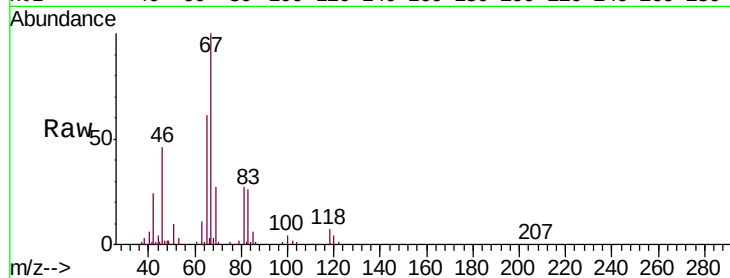




#37
 1,2-Dichloropropane
 Concen: 1.056 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032269.D
 Acq: 23 May 2019 15:15

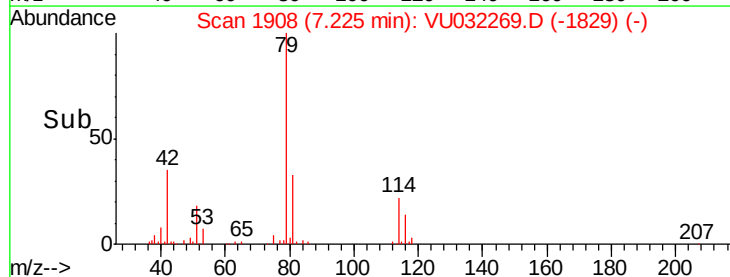
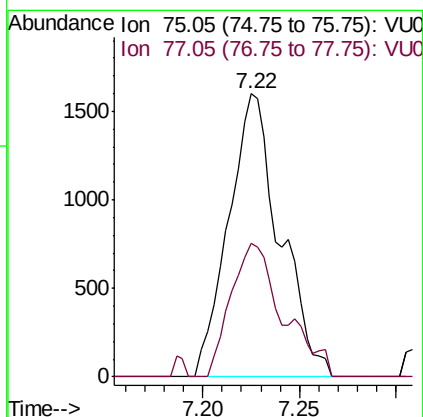
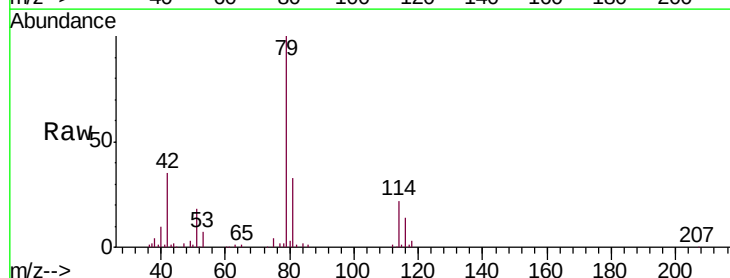
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ0

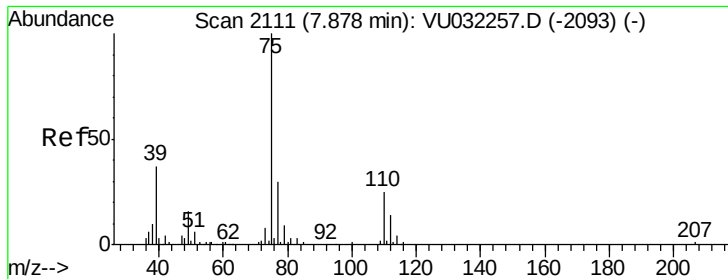
Tgt Ion: 63 Resp: 12741
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.172 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.05 min
 Lab File: VU032269.D
 Acq: 23 May 2019 15:15

Tgt Ion: 75 Resp: 2950
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032269.D

Acq: 23 May 2019 15:15

Instrument :

MSVOA_U

ClientSampleId :

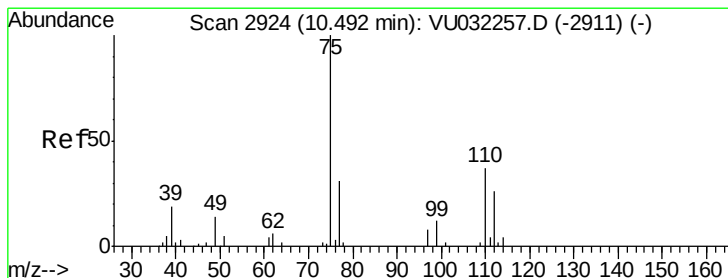
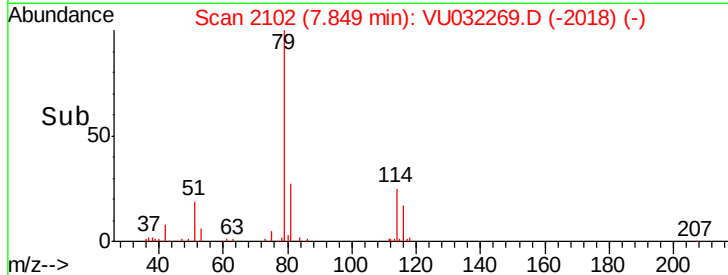
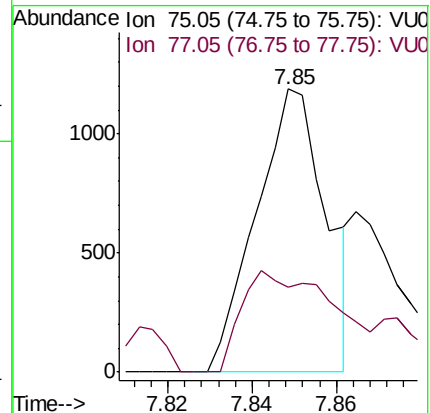
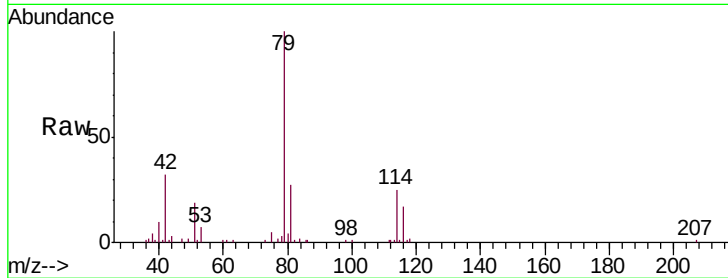
C0XJ0

Tgt Ion: 75 Resp: 1364

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 1.881 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032269.D

Acq: 23 May 2019 15:15

Tgt Ion: 75 Resp: 14779

Ion Ratio Lower Upper

75 100

77 36.4 28.2 42.4

