

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032173.D
 Acq On : 20 May 2019 22:48
 Operator : JC/SP
 Sample : K2889-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:42:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	343175	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	341384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94877	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.68	69	86908	3.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.40%
11) 1,1-Dichloroethene-d2	2.27	63	135589	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.21	46	231230	40.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.48%
24) Chloroform-d	4.64	84	206914	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.31	65	103791	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	400044	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	6.33	67	117755	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.56	98	324217	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.85	79	39561	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.31	63	207550	41.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104326	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	112905	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

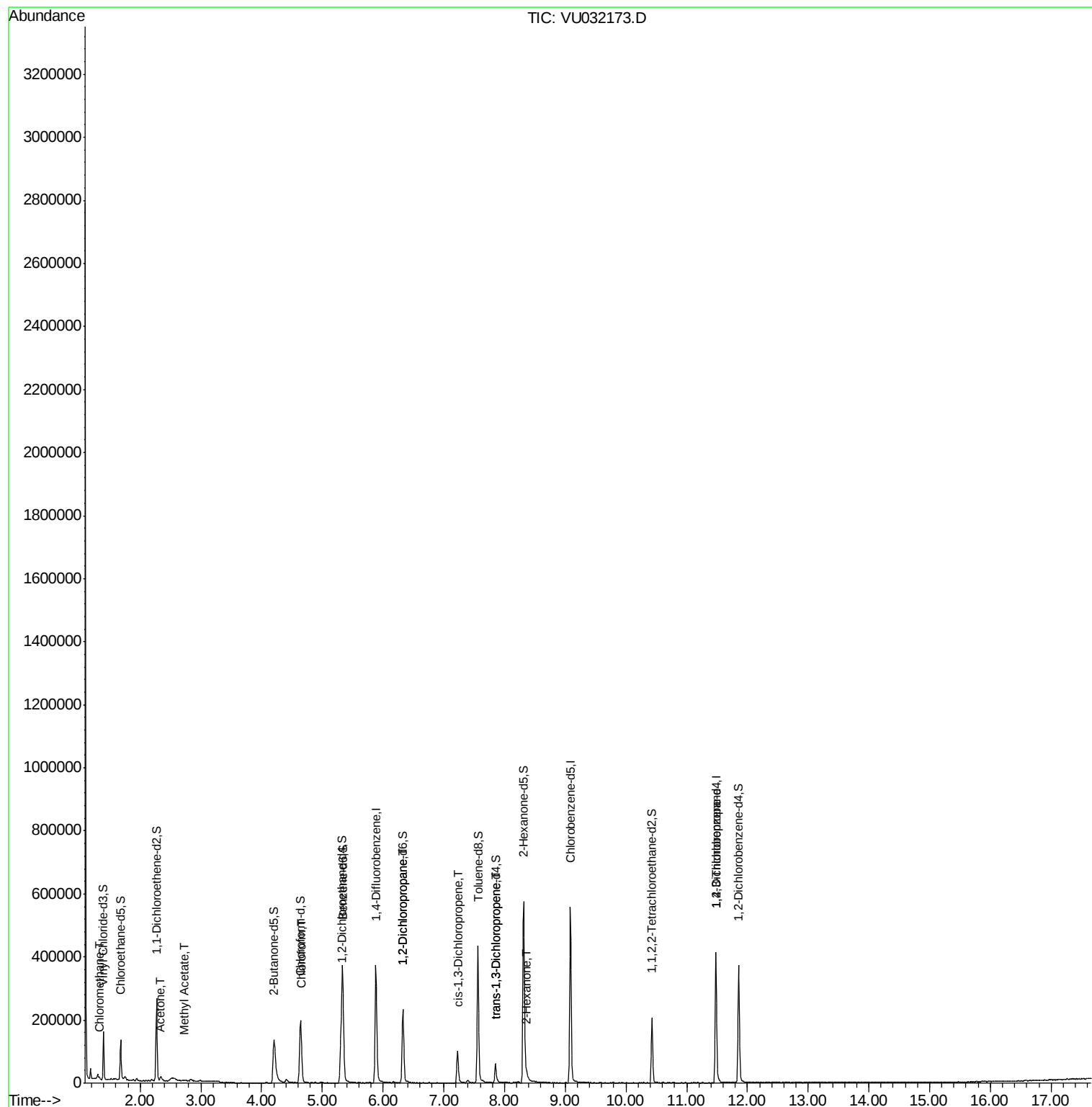
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	2545	0.154	ug/L	98
13) Acetone	2.34	43	12459	6.687	ug/L	89
15) Methyl Acetate	2.74	43	721	0.135	ug/L #	47
25) Chloroform	4.66	83	3610	0.144	ug/L	99
37) 1,2-Dichloropropane	6.33	63	11828	0.923	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2541	0.143	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1685	0.122	ug/L #	80
48) 2-Hexanone	8.37	43	7901	1.714	ug/L #	96
59) 1,2,3-Trichloropropane	11.48	75	12695	1.559	ug/L	94

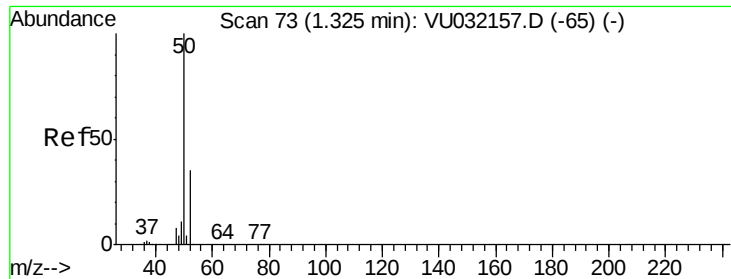
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032173.D

Acq: 20 May 2019 22:48

Instrument :

MSVOA_U

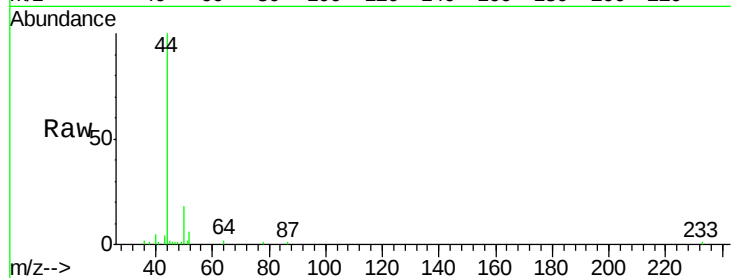
ClientSampleId :

Tot Ion: 50 Resp: 2545

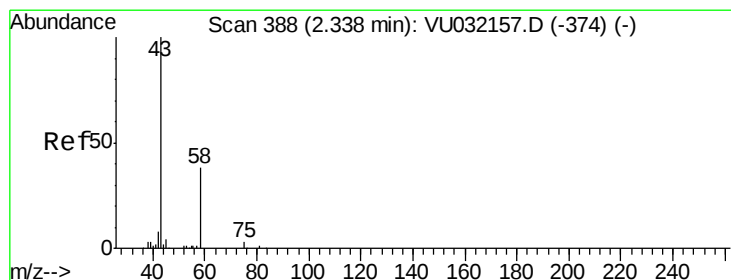
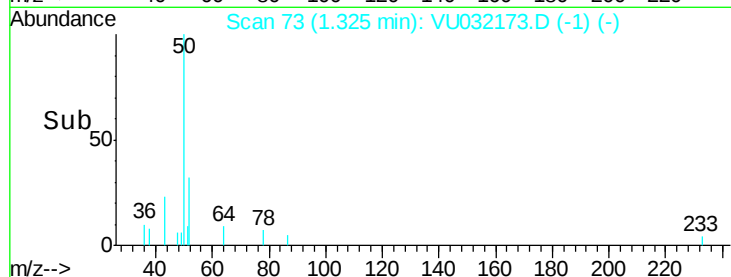
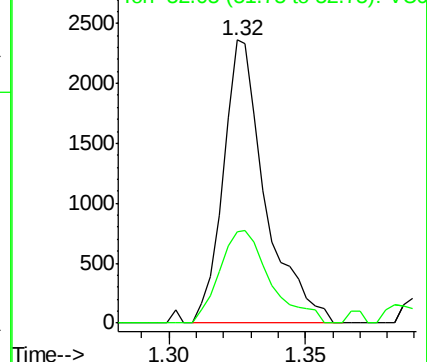
Ion Ratio Lower Upper

50 100

52 32.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032173.D (-1) (-)



#13

Acetone

Concen: 6.687 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU032173.D

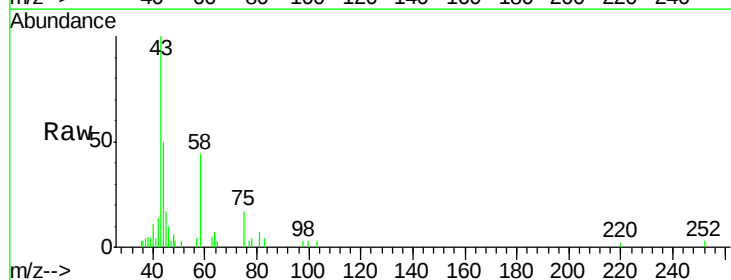
Acq: 20 May 2019 22:48

Tgt Ion: 43 Resp: 12459

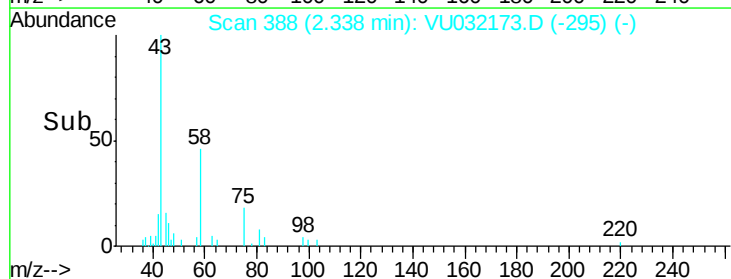
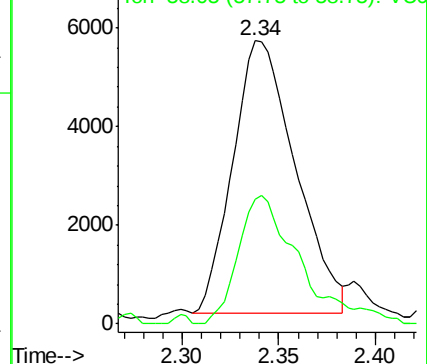
Ion Ratio Lower Upper

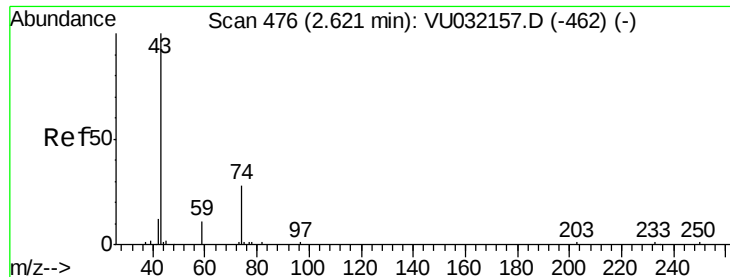
43 100

58 46.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032173.D (-295) (-)

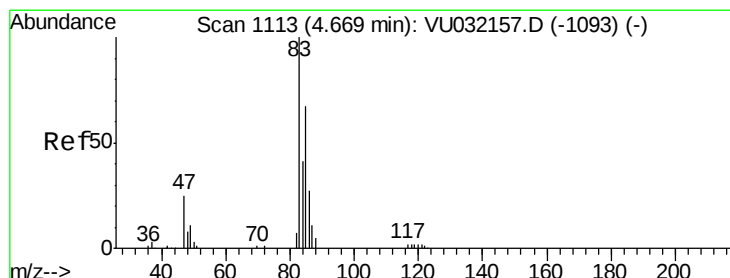
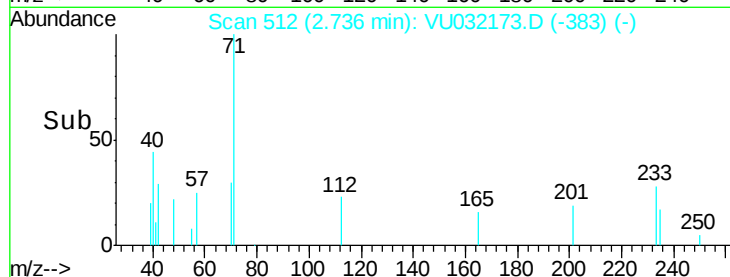
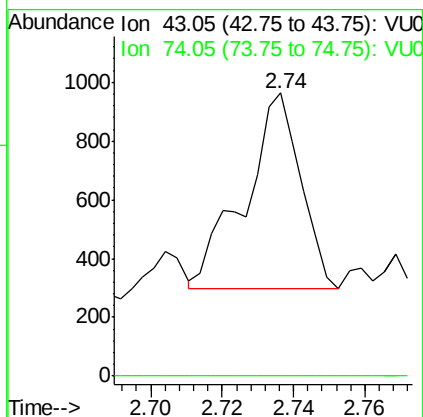
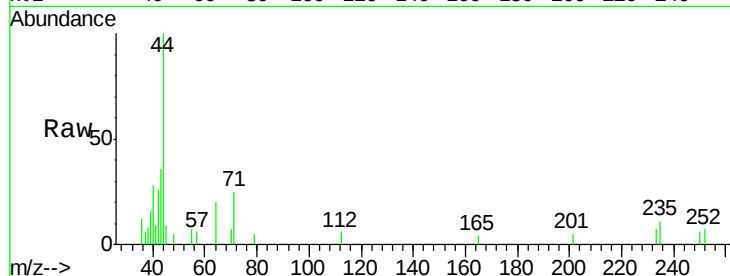




#15
Methvl Acetate
Concen: 0.135 ug/L
RT: 2.74 min Scan# 512
Delta R.T. 0.12 min
Lab File: VU032173.D
Acq: 20 May 2019 22:48

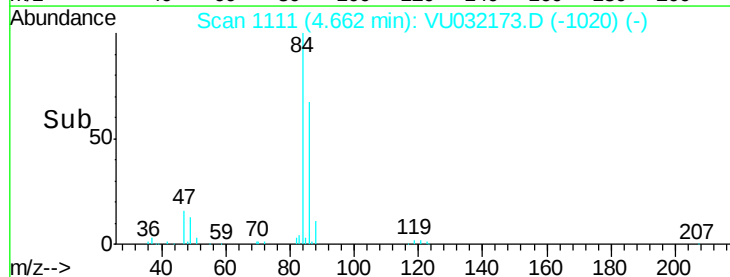
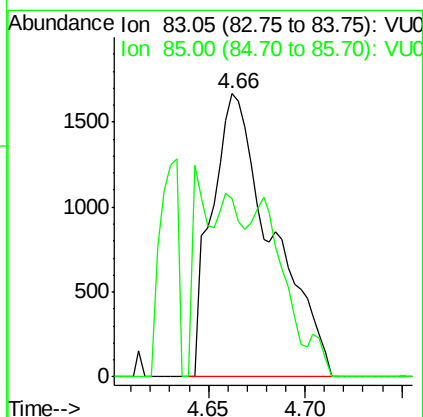
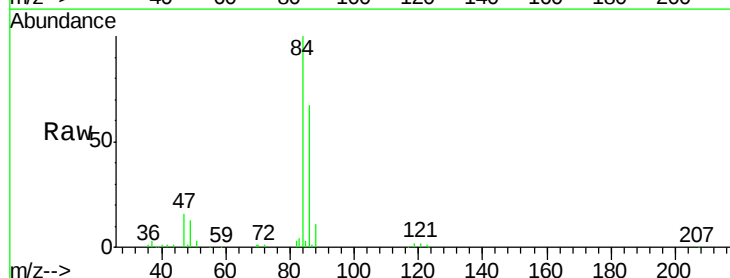
Instrument :
MSVOA_U
ClientSampled :

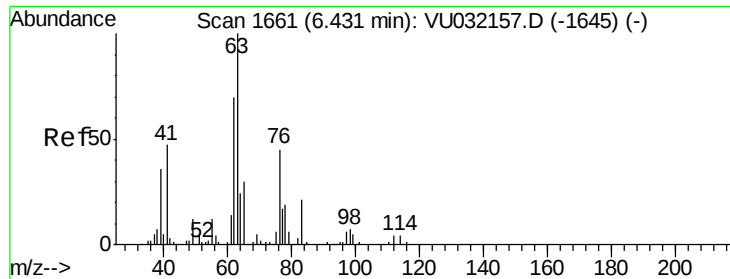
Tot Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 3.2 26.4 39.6#



#25
Chloroform
Concen: 0.144 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU032173.D
Acq: 20 May 2019 22:48

Tgt Ion: 83 Resp: 3610
Ion Ratio Lower Upper
83 100
85 63.1 44.9 83.3

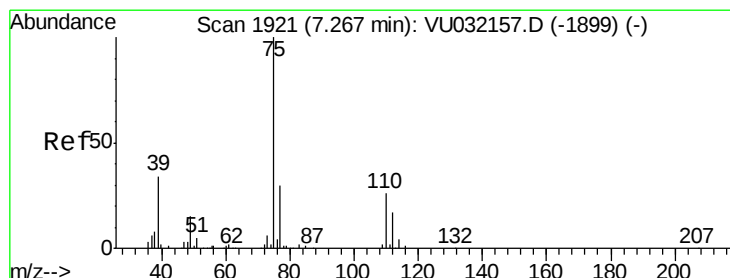
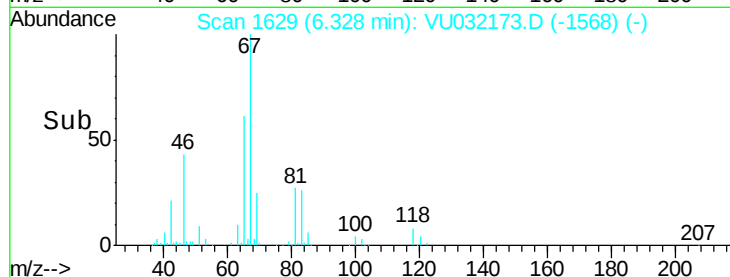
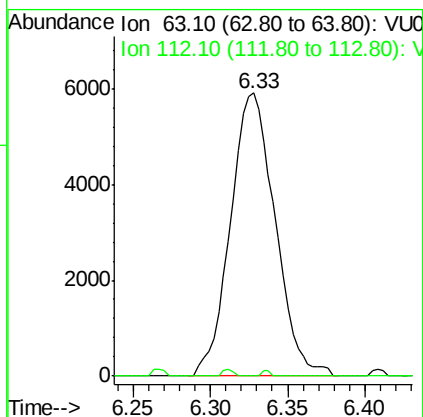
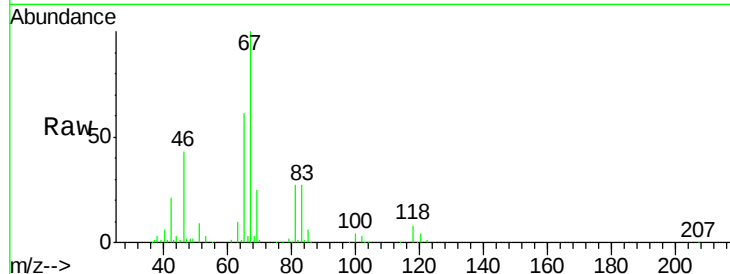




#37
 1,2-Dichloropropane
 Concen: 0.923 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032173.D
 Acq: 20 May 2019 22:48

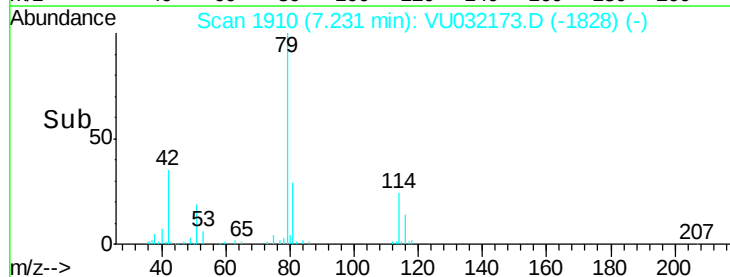
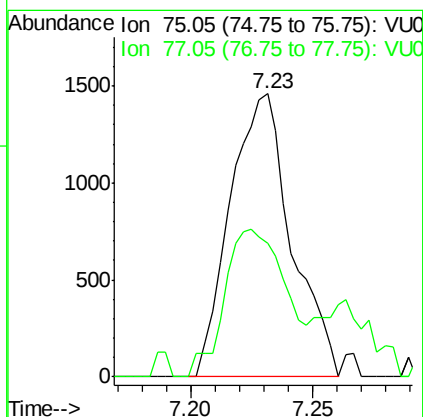
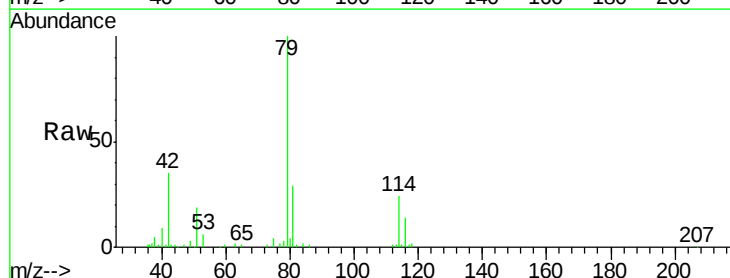
Instrument :
 MSVOA_U
 ClientSampleId :

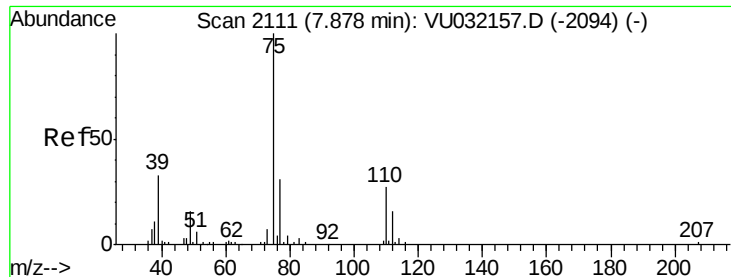
Tot Ion: 63 Resp: 11828
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.143 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU032173.D
 Acq: 20 May 2019 22:48

Tgt Ion: 75 Resp: 2541
 Ion Ratio Lower Upper
 75 100
 77 47.2 21.7 40.3#

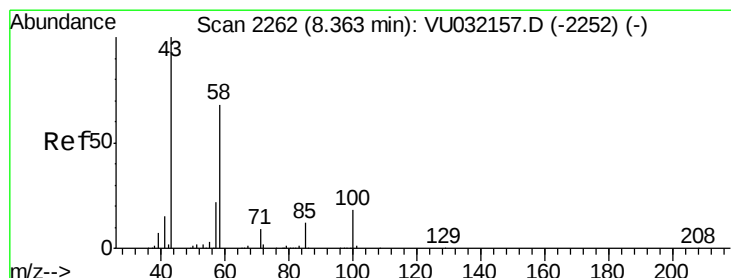
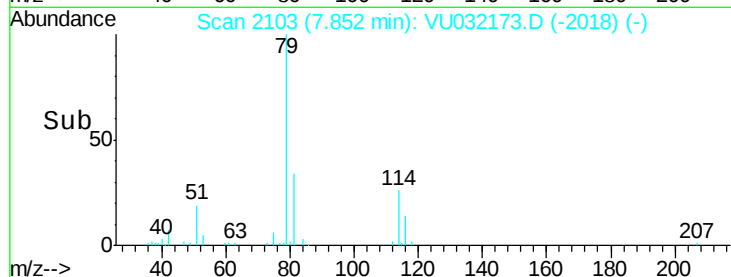
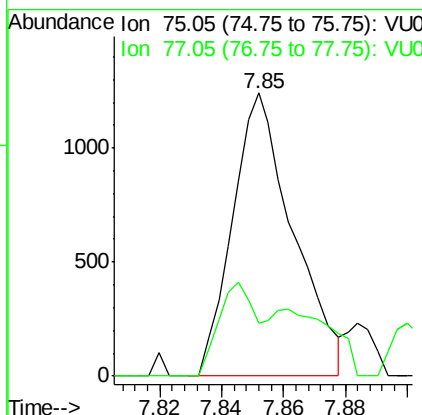
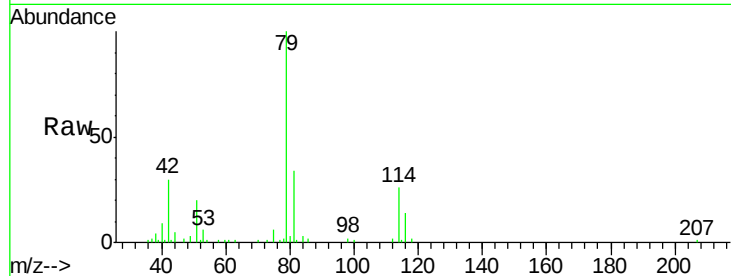




#44
trans-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032173.D
Acq: 20 May 2019 22:48

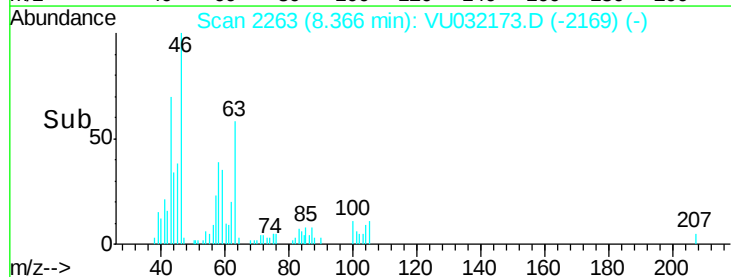
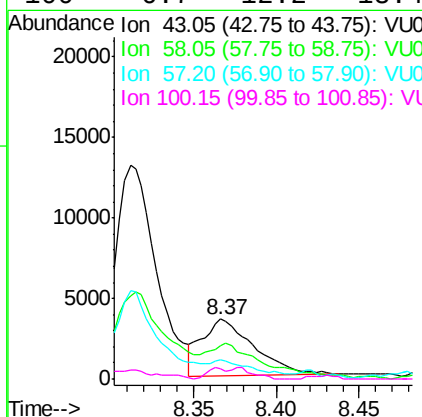
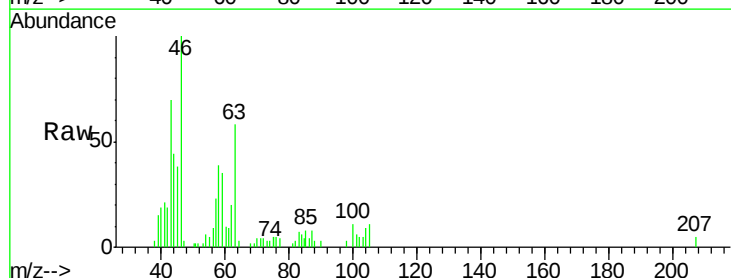
Instrument :
MSVOA_U
ClientSampled :

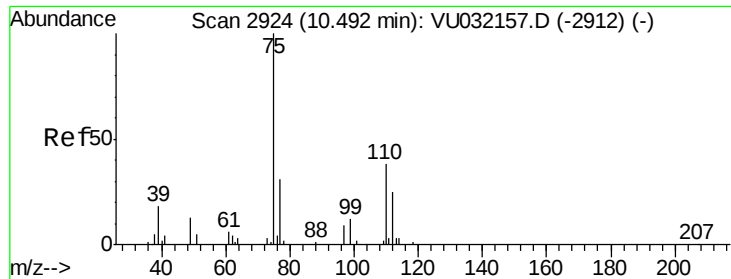
Tot Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 18.9 21.0 39.0#



#48
2-Hexanone
Concen: 1.714 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032173.D
Acq: 20 May 2019 22:48

Tgt Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
58 66.1 51.6 77.4
57 23.3 18.4 27.6
100 6.7 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.559 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032173.D

Acq: 20 May 2019 22:48

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12695

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

