

Data File : VU029567.D
Acq On : 19 Feb 2019 20:25
Operator : JC/SP
Sample : K1488-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC8

Quant Time: Feb 20 00:14:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203383	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51842	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	50699	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.27	63	85474	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.19	46	150402	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.65	84	74545	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.60%#
26) 1,2-Dichloroethane-d4	5.31	65	57126	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	213676	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.33	67	67481	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.56	98	201353	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	24532	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	150234	51.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61438	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	92752	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

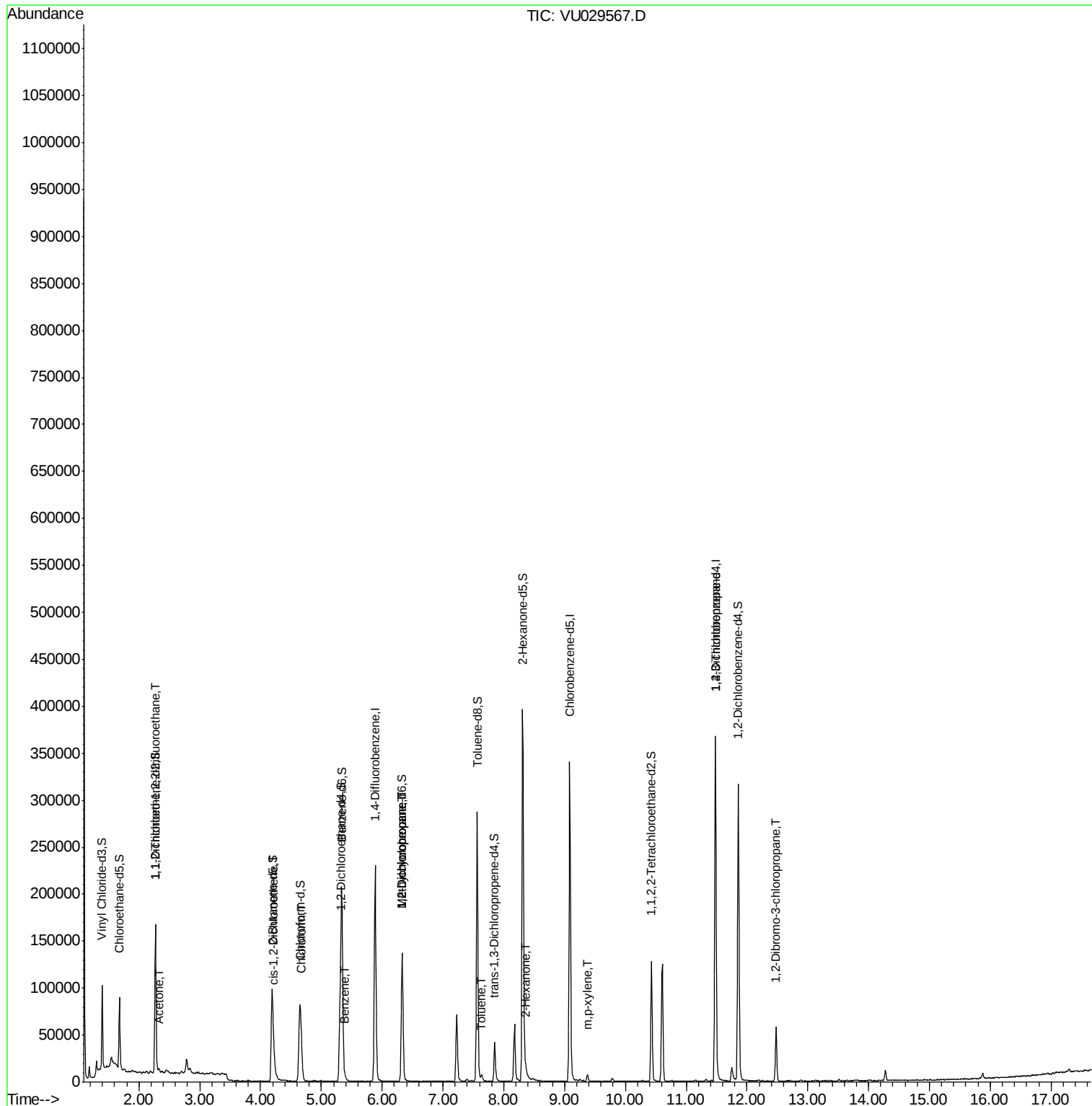
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1005	0.057	ug/L #	19
13) Acetone	2.32	43	4068	1.576	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	2766	0.168	ug/L	81
25) Chloroform	4.67	83	31194	1.160	ug/L	96
33) Benzene	5.39	78	5394	0.092	ug/L	100
35) Methylcyclohexane	6.33	83	16355	0.588	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7340	0.498	ug/L #	87
42) Toluene	7.64	91	4951	0.075	ug/L	80
48) 2-Hexanone	8.37	43	2993	0.483	ug/L #	83
53) m,p-xylene	9.38	106	2514	0.084	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	11186	1.183	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1654	0.732	ug/L #	1

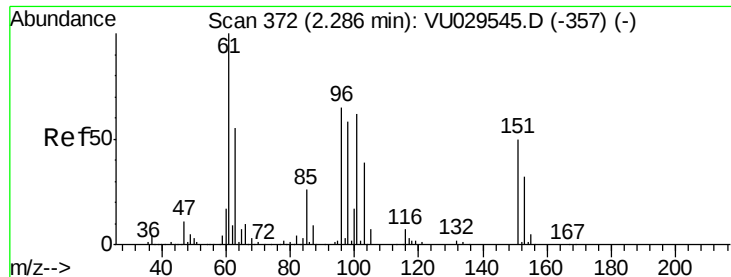
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.057 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029567.D

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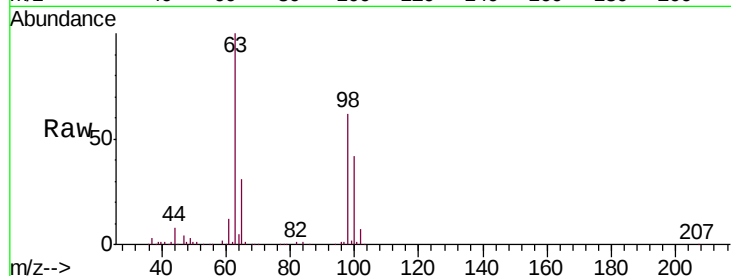
Tgt Ion:101 Resp: 1005

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

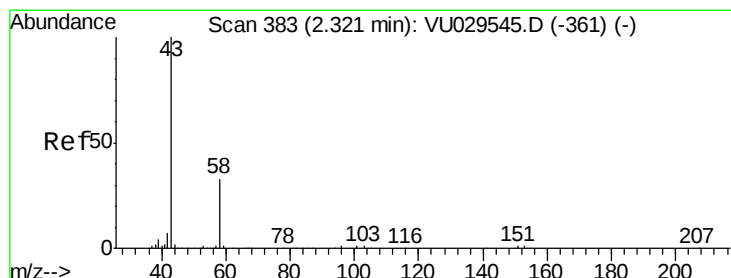
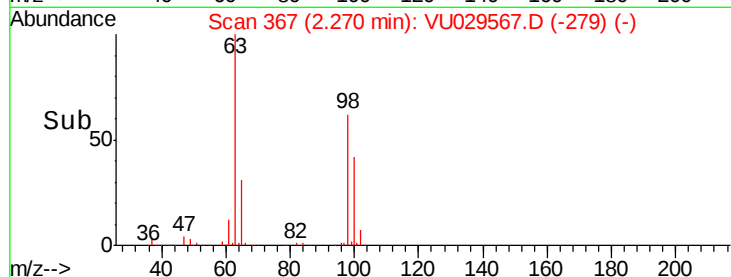
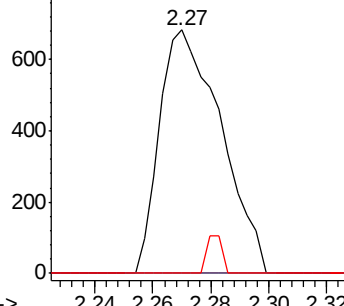
151 4.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.576 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029567.D

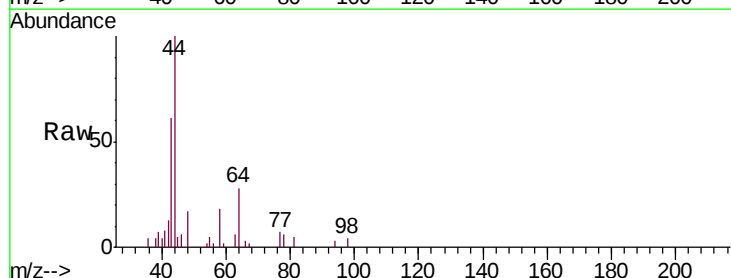
Acq: 19 Feb 2019 20:25

Tgt Ion: 43 Resp: 4068

Ion Ratio Lower Upper

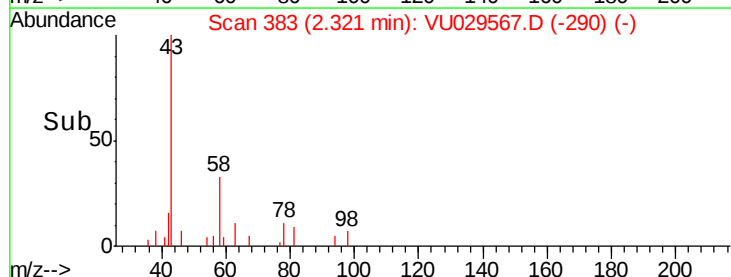
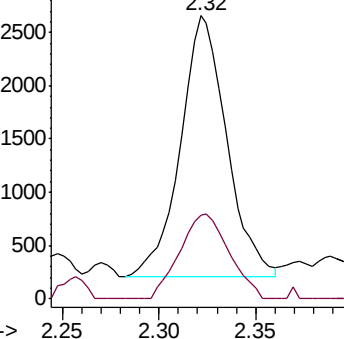
43 100

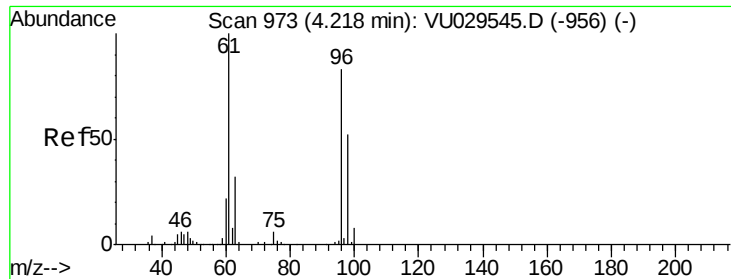
58 34.8 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

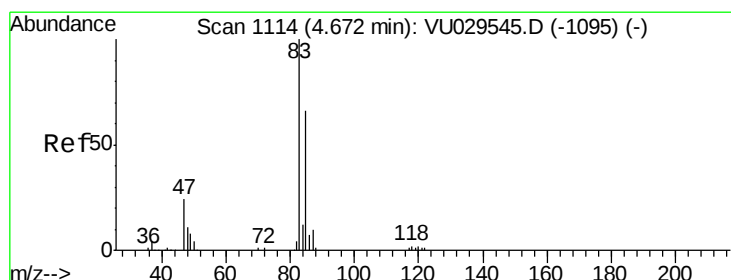
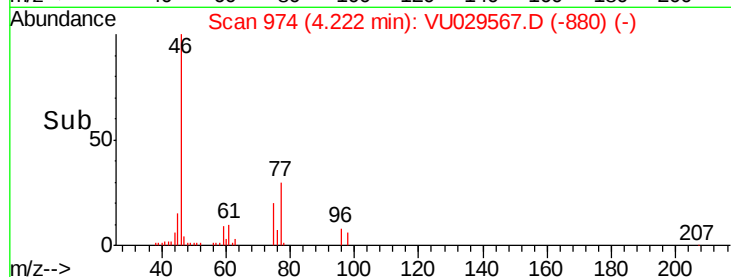
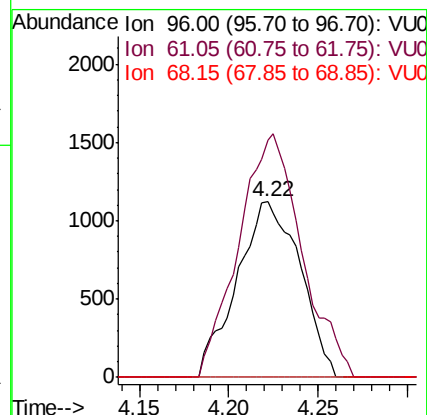
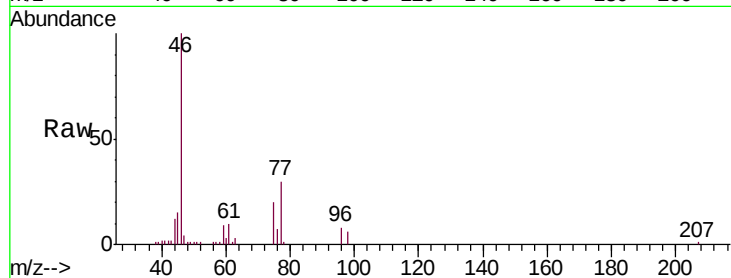




#22
 cis-1,2-Dichloroethene
 Concen: 0.168 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029567.D
 Acq: 19 Feb 2019 20:25

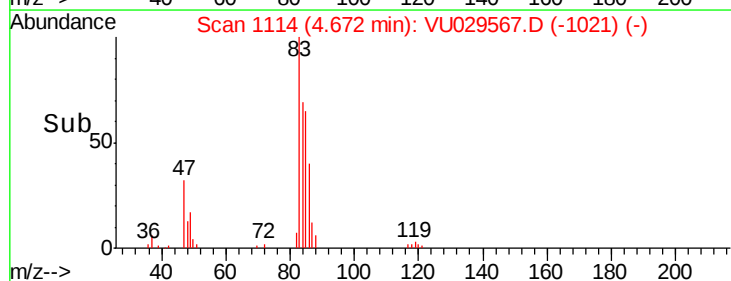
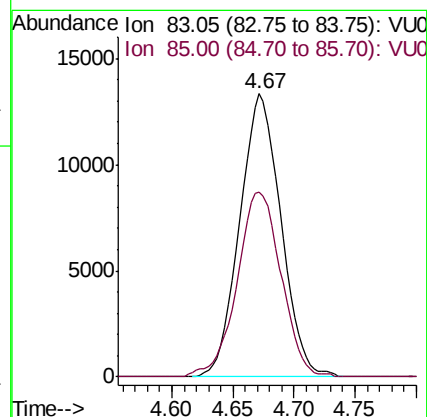
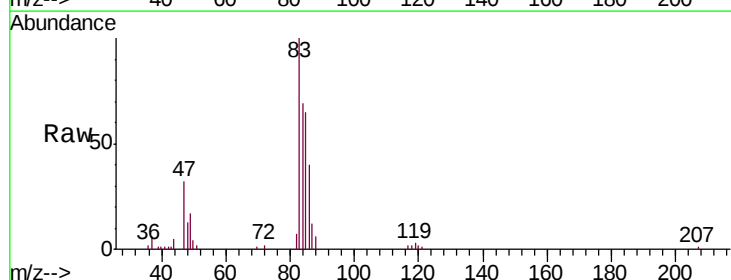
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC8

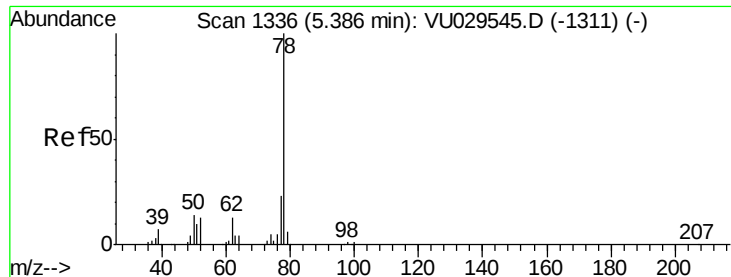
Tgt Ion: 96 Resp: 2766
 Ion Ratio Lower Upper
 96 100
 61 134.7 79.9 148.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.160 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VU029567.D
 Acq: 19 Feb 2019 20:25

Tgt Ion: 83 Resp: 31194
 Ion Ratio Lower Upper
 83 100
 85 65.4 47.8 88.8

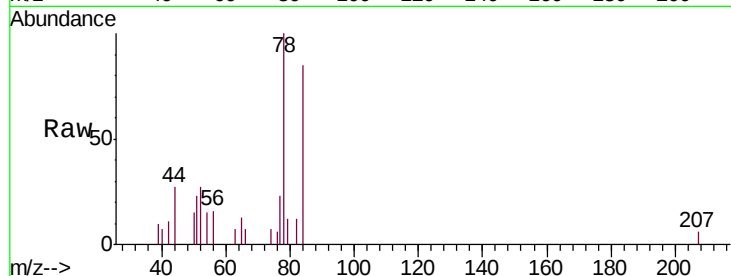




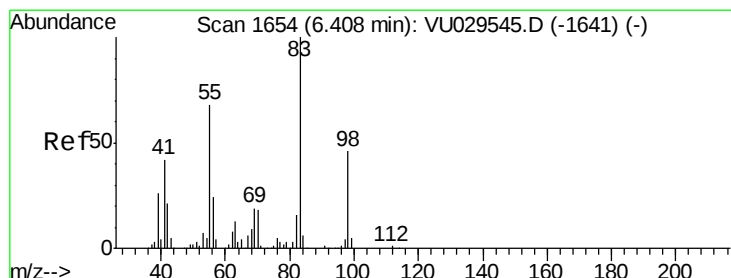
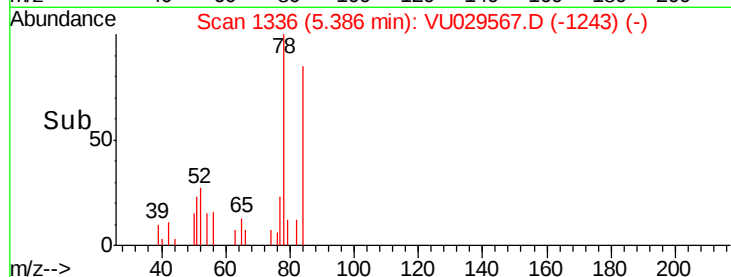
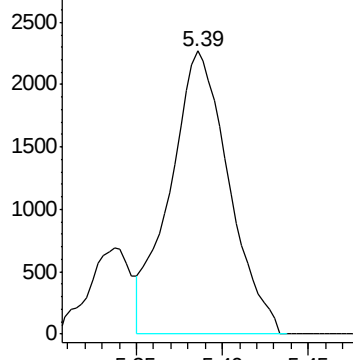
#33
Benzene
Concen: 0.092 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029567.D
Acq: 19 Feb 2019 20:25

Instrument :
MSVOA_U
ClientSampleId :
ESXC8

Tgt Ion: 78 Resp: 5394

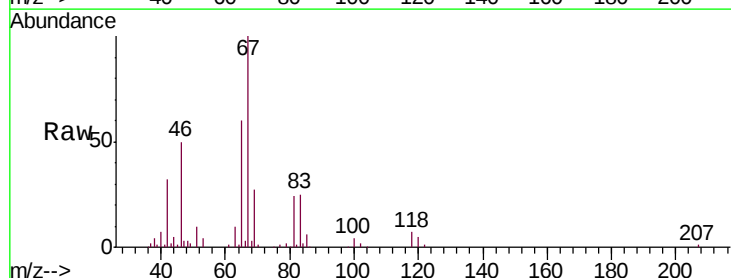


Abundance Ion 78.10 (77.80 to 78.80): VU0



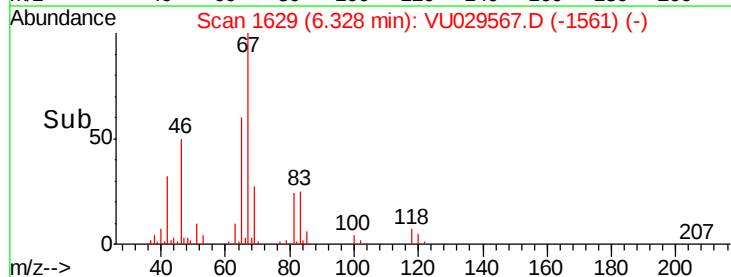
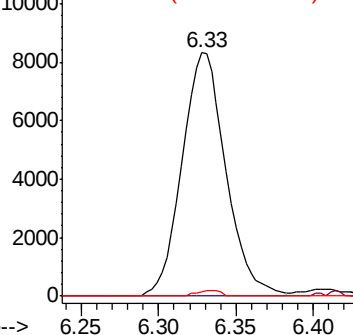
#35
Methylcyclohexane
Concen: 0.588 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029567.D
Acq: 19 Feb 2019 20:25

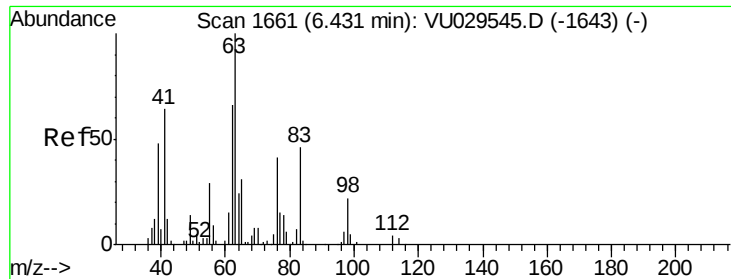
Tgt Ion: 83 Resp: 16355
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 1.3 38.6 57.8#



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

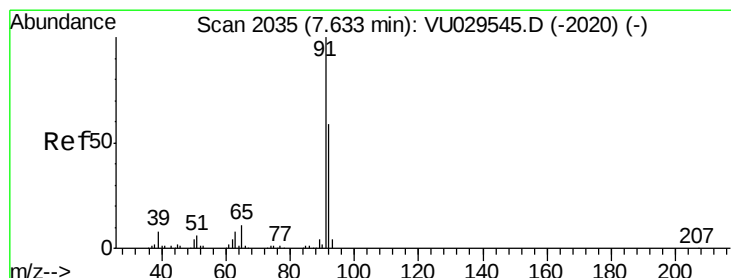
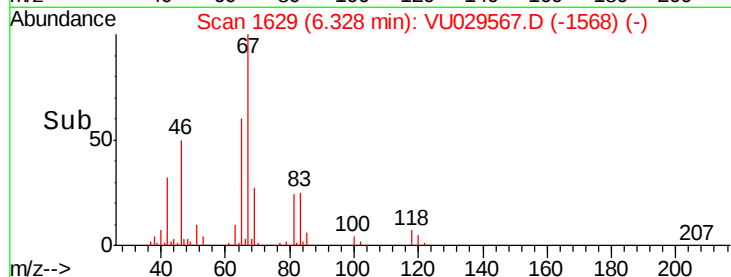
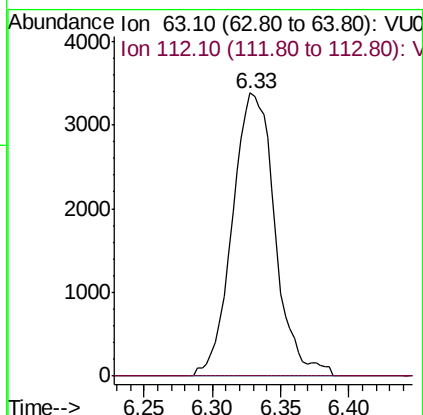
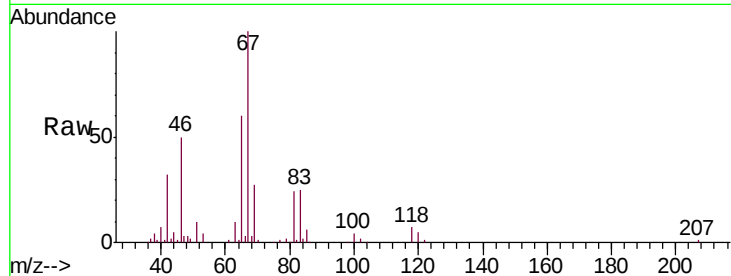




#37
 1,2-Dichloropropane
 Concen: 0.498 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029567.D
 Acq: 19 Feb 2019 20:25

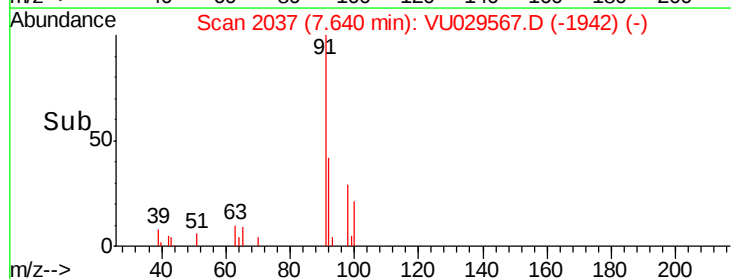
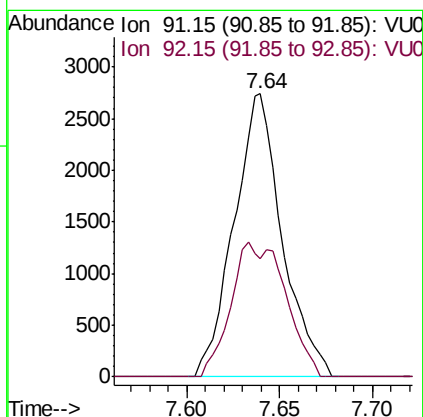
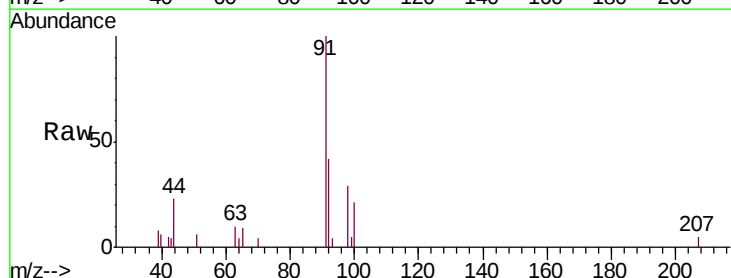
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC8

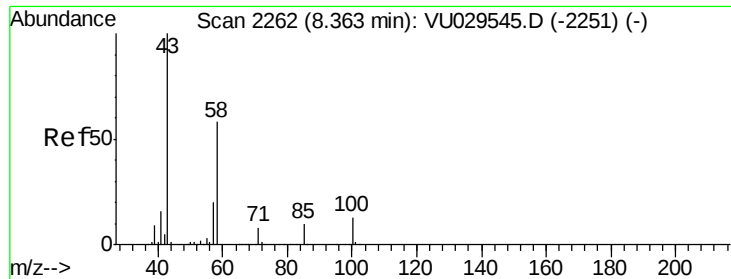
Tgt Ion: 63 Resp: 7340
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 Toluene
 Concen: 0.075 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029567.D
 Acq: 19 Feb 2019 20:25

Tgt Ion: 91 Resp: 4951
 Ion Ratio Lower Upper
 91 100
 92 41.9 39.8 73.8

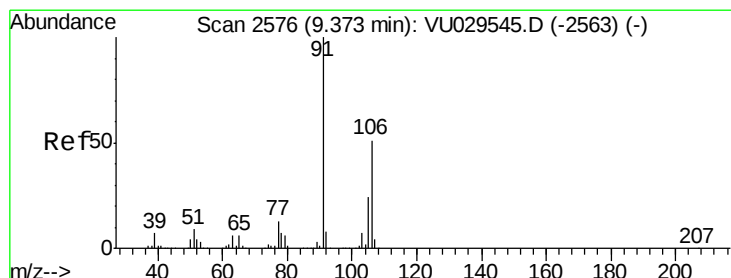
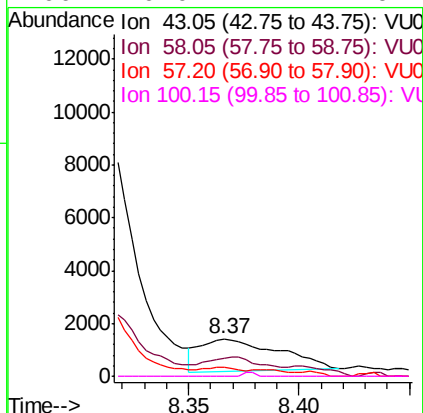
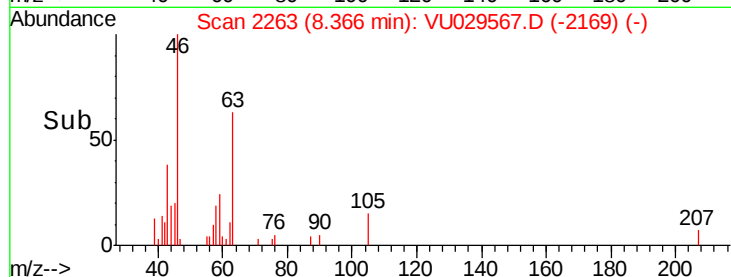
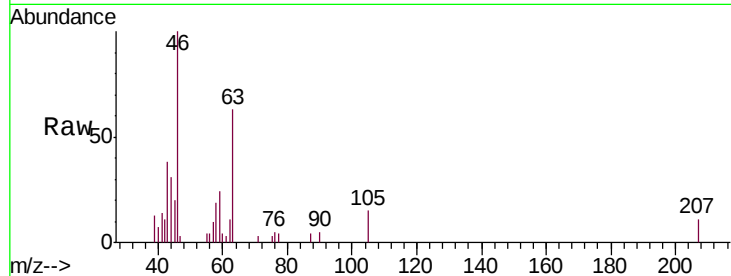




#48
2-Hexanone
Concen: 0.483 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029567.D
Acq: 19 Feb 2019 20:25

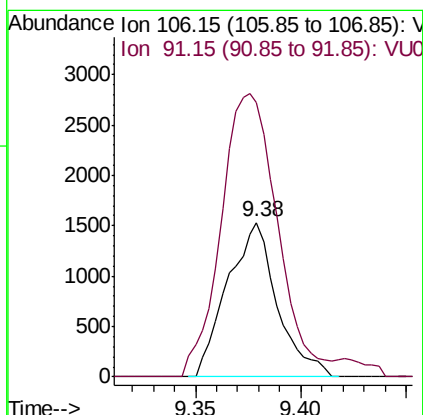
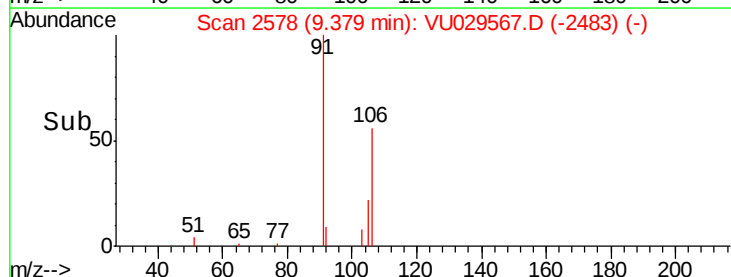
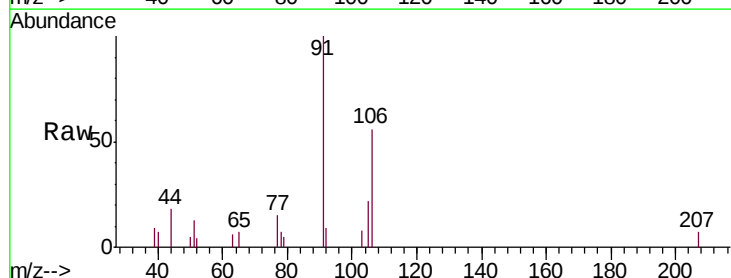
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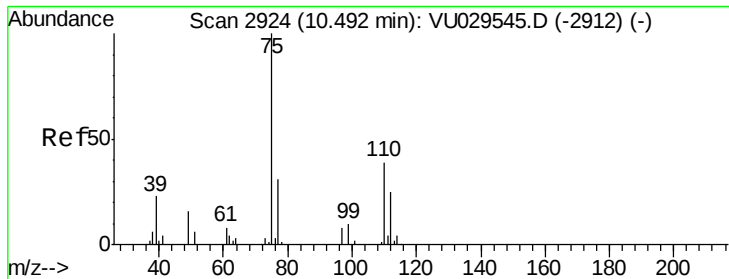
Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 47.5 45.7 68.5
57 12.8 16.4 24.6#
100 0.0 11.1 16.7#



#53
m,p-xylene
Concen: 0.084 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU029567.D
Acq: 19 Feb 2019 20:25

Tgt Ion: 106 Resp: 2514
Ion Ratio Lower Upper
106 100
91 177.7 135.7 251.9





#59

1,2,3-Trichloropropane

Concen: 1.183 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029567.D

Acq: 19 Feb 2019 20:25

Instrument :

MSVOA_U

ClientSampleId :

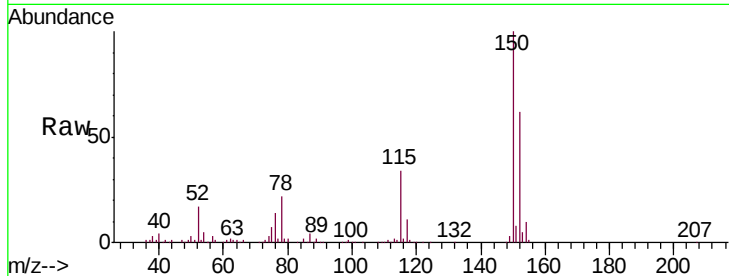
ESXC8

Tgt Ion: 75 Resp: 11186

Ion Ratio Lower Upper

75 100

77 34.1 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

8000

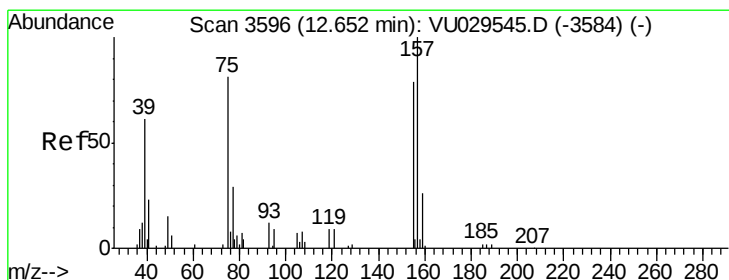
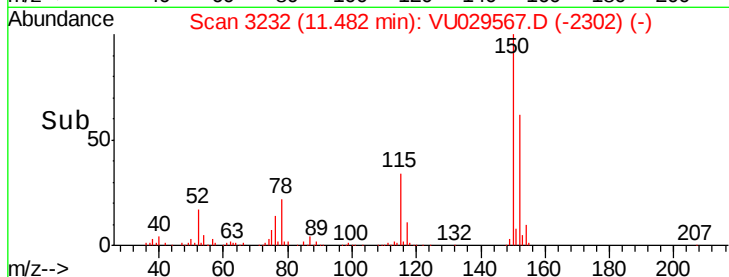
6000

4000

2000

0

Time--> 11.40 11.45 11.50 11.55



#66

1,2-Dibromo-3-chloropropane

Concen: 0.732 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.17 min

Lab File: VU029567.D

Acq: 19 Feb 2019 20:25

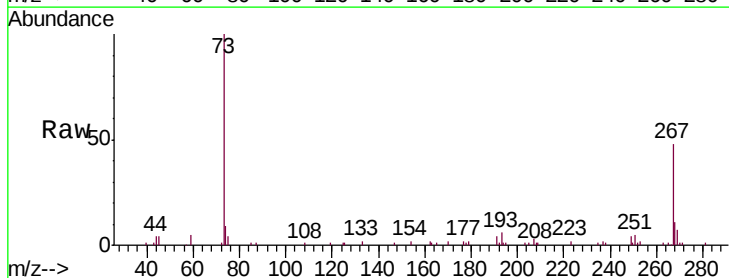
Tgt Ion: 75 Resp: 1654

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.48

1000

500

0

Time--> 12.45 12.50

