

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072618\
 Data File : VU025652.D
 Acq On : 26 Jul 2018 15:47
 Operator : MD/SY
 Sample : J4148-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX3

Quant Time: Jul 27 02:04:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303523	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74987	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.54%
7) Chloroethane-d5	1.68	69	64108	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.27	63	116037	32.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.34%
21) 2-Butanone-d5	4.18	46	142406	106.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.45%
24) Chloroform-d	4.65	84	171456	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.31	65	120074	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.35	84	332986	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.34	67	110720	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.12%
41) Toluene-d8	7.57	98	311378	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	52411	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
47) 2-Hexanone-d5	8.31	63	100121	100.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152377	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	134228	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

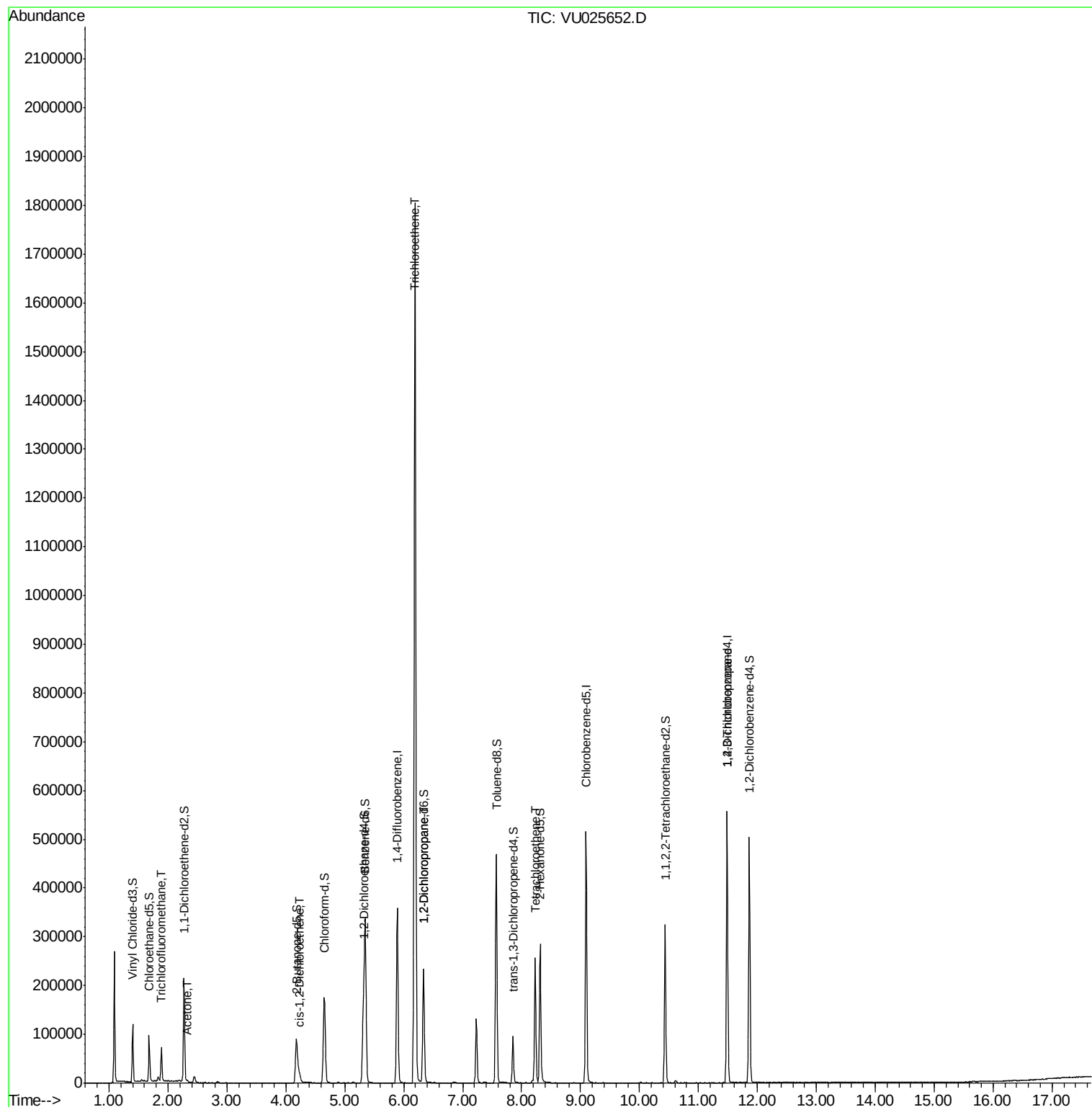
					Qvalue
9) Trichlorofluoromethane	1.89	101	40462	11.995 ug/L	99
13) Acetone	2.32	43	2771	1.765 ug/L	86
20) cis-1,2-Dichloroethene	4.23	96	8129	3.652 ug/L	97
34) Trichloroethene	6.19	95	608107	277.203 ug/L	98
37) 1,2-Dichloropropane	6.34	63	12927	5.722 ug/L #	88
46) Tetrachloroethene	8.23	164	56603	29.763 ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	16395	6.178 ug/L #	87

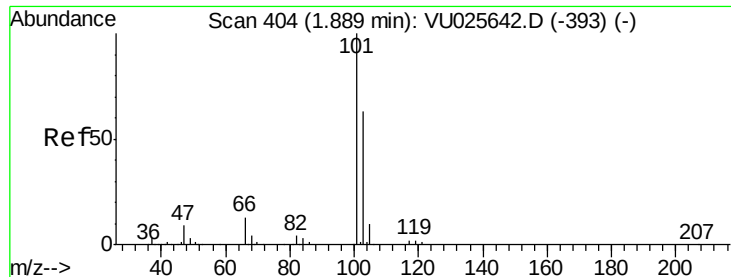
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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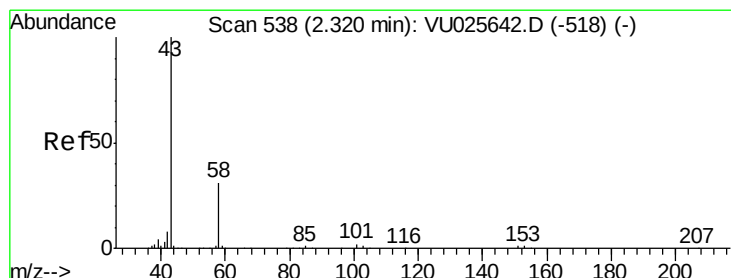
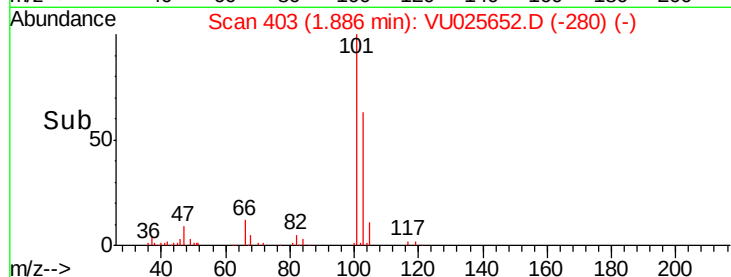
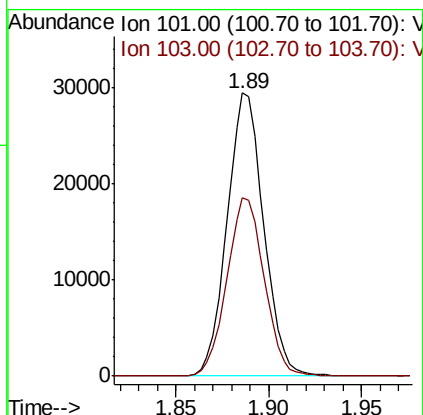
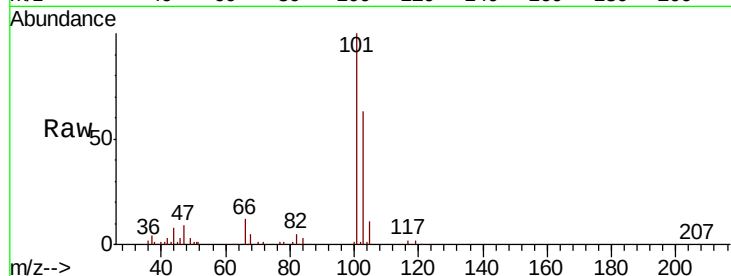


#9

Trichlorofluoromethane
 Concen: 11.995 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX3

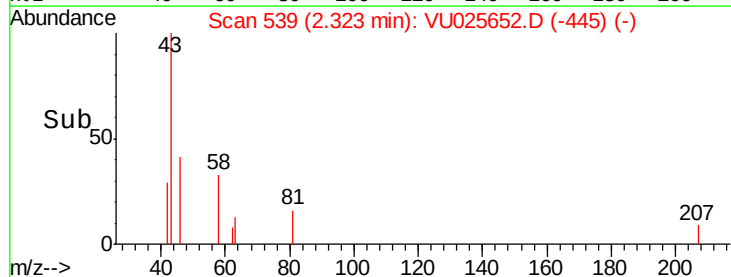
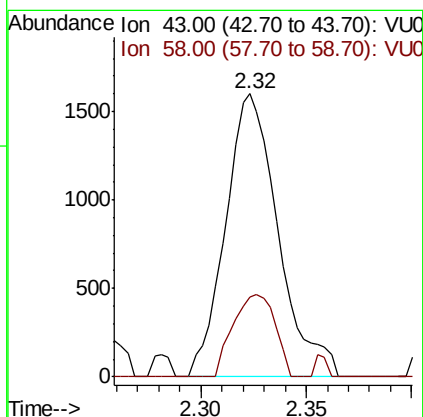
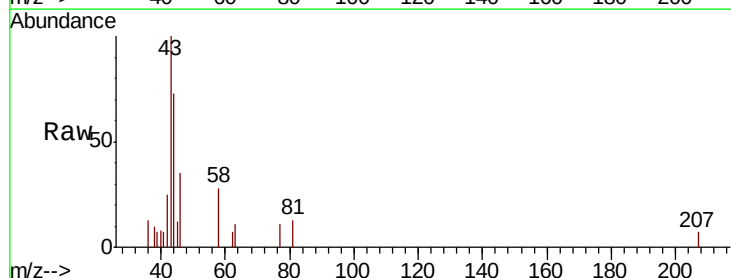
Tgt Ion:101 Resp: 40462
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.0 78.0

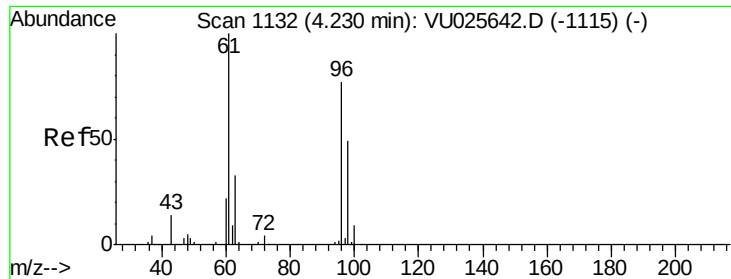


#13

Acetone
 Concen: 1.765 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

Tgt Ion: 43 Resp: 2771
 Ion Ratio Lower Upper
 43 100
 58 23.2 0.0 61.2





#20

cis-1,2-Dichloroethene

Concen: 3.652 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025652.D

Acq: 26 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampled :

C0SX3

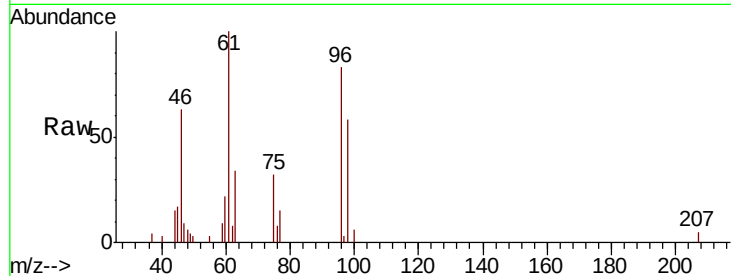
Tgt Ion: 96 Resp: 8129

Ion Ratio Lower Upper

96 100

61 120.8 87.4 162.2

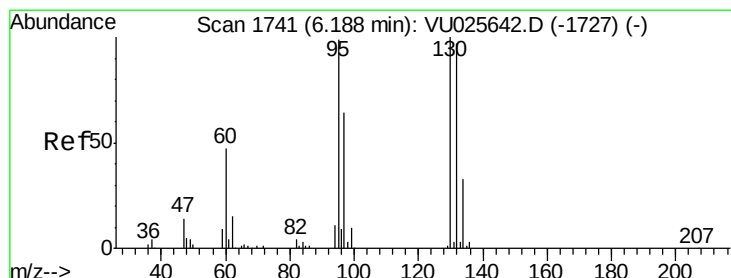
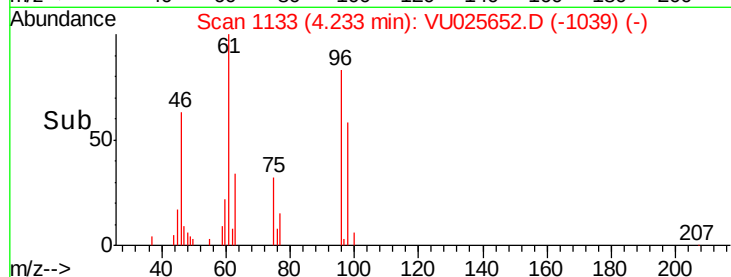
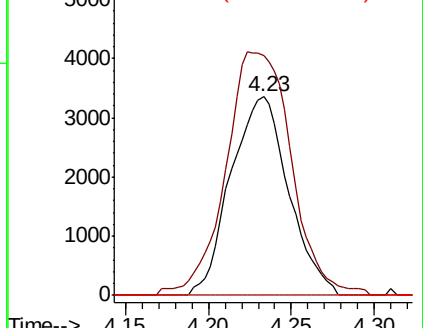
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 277.203 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025652.D

Acq: 26 Jul 2018 15:47

Tgt Ion: 95 Resp: 608107

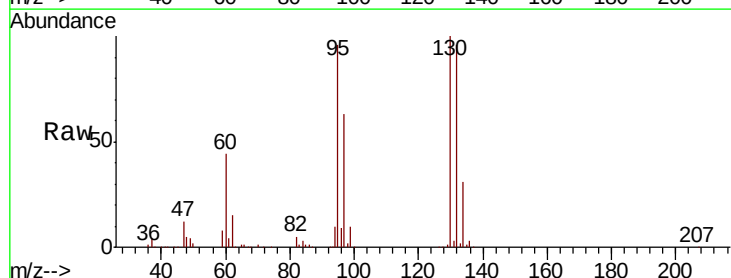
Ion Ratio Lower Upper

95 100

97 65.7 45.9 85.3

132 100.1 72.2 134.2

130 104.1 74.9 139.1

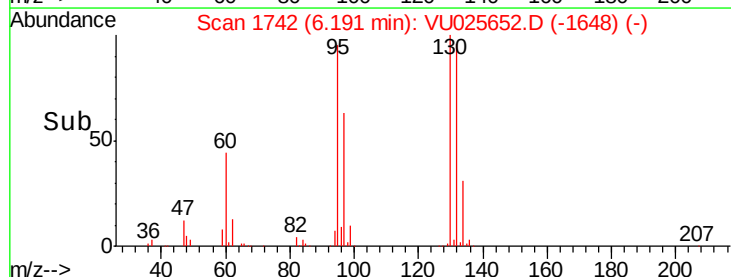
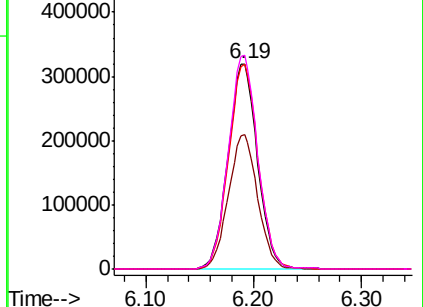


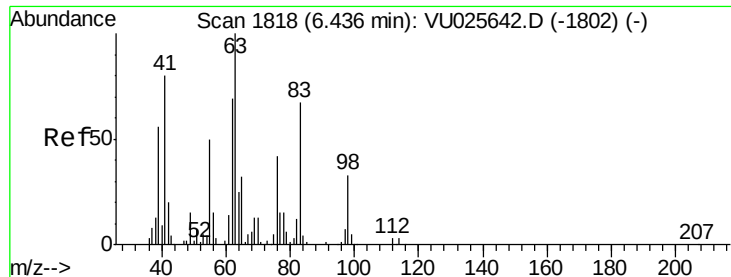
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

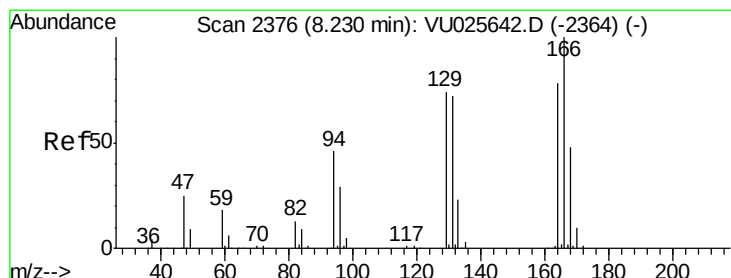
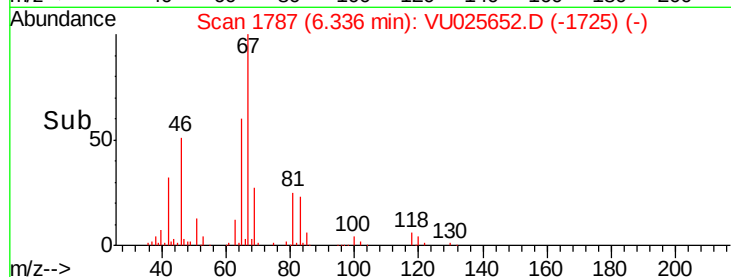
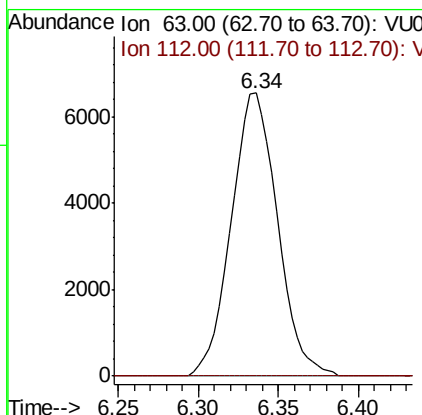
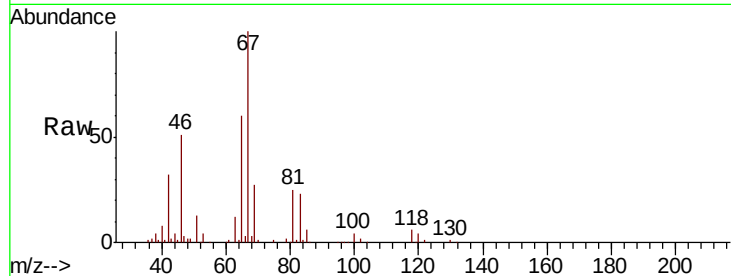




#37
 1,2-Dichloropropane
 Concen: 5.722 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

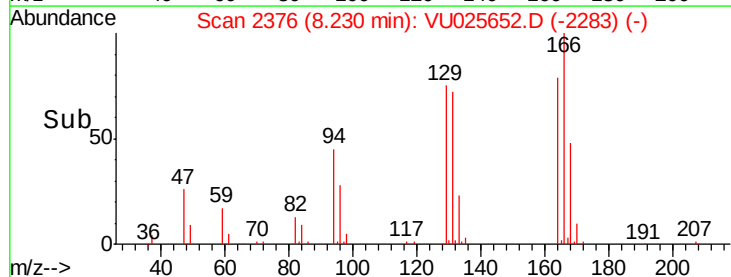
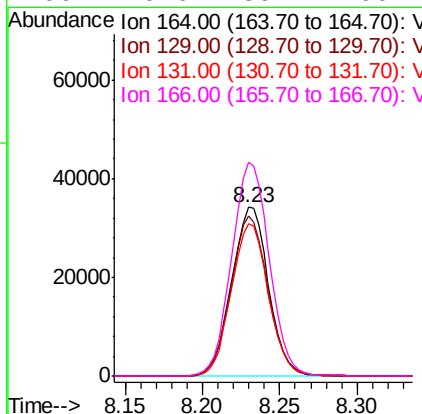
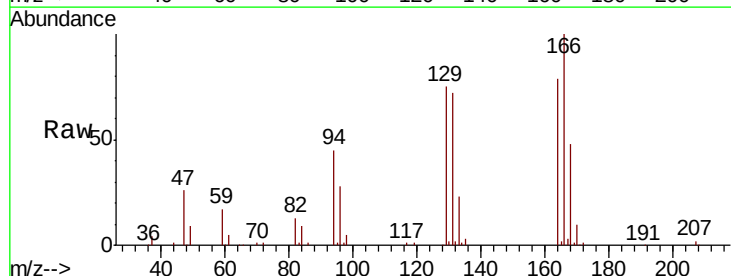
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 C0SX3

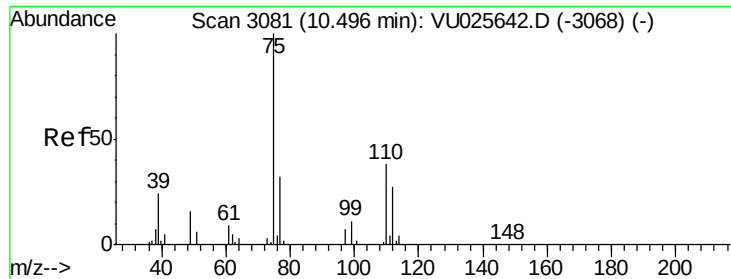
Tgt Ion: 63 Resp: 12927
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#46
 Tetrachloroethene
 Concen: 29.763 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU025652.D
 Acq: 26 Jul 2018 15:47

Tgt Ion: 164 Resp: 56603
 Ion Ratio Lower Upper
 164 100
 129 94.7 65.1 120.9
 131 90.6 62.8 116.6
 166 126.6 89.7 166.7





#59

1,2,3-Trichloropropane

Concen: 6.178 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025652.D

Acq: 26 Jul 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

C0SX3

Tgt Ion: 75 Resp: 16395

Ion Ratio Lower Upper

75 100

77 39.8 25.8 38.8#

