

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026578.D
 Acq On : 06 Sep 2018 14:24
 Operator : MD/SY
 Sample : J4718-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD6

Quant Time: Sep 07 04:45:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170633	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64544	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64649	61.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.30%
7) Chloroethane-d5	1.68	69	57108	59.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.62%
11) 1,1-Dichloroethene-d2	2.27	63	92807	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.96%
21) 2-Butanone-d5	4.18	46	99130	120.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.81%
24) Chloroform-d	4.65	84	107059	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	5.31	65	72784	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
32) Benzene-d6	5.34	84	219011	60.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.88%
36) 1,2-Dichloropropane-d6	6.33	67	74459	60.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.62%#
41) Toluene-d8	7.57	98	193347	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%
43) trans-1,3-Dichloropropene-	7.85	79	31556	55.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.94%
47) 2-Hexanone-d5	8.31	63	70168	123.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99921	54.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	71559	61.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.22%#

Target Compounds

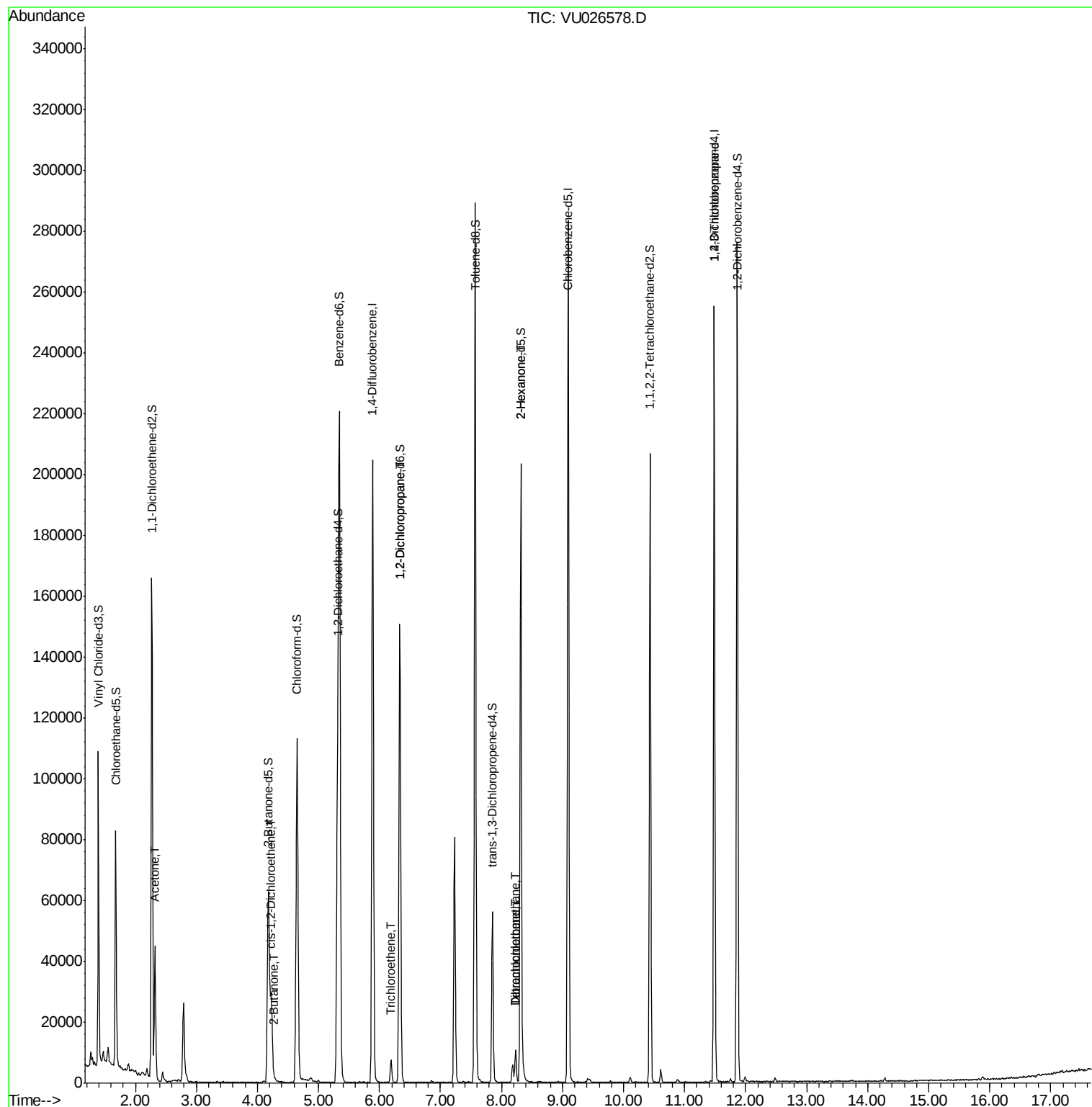
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	43582	61.339	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	13946	11.300	ug/L	98
22) 2-Butanone	4.27	43	1877	1.965	ug/L #	57
34) Trichloroethene	6.19	95	2584	2.305	ug/L	97
37) 1,2-Dichloropropane	6.33	63	7773	6.281	ug/L #	88
46) Tetrachloroethene	8.23	164	2251	2.455	ug/L	87
48) 2-Hexanone	8.31	43	8099	6.161	ug/L #	66
49) Dibromochloromethane	8.23	129	2080	1.628	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7642	4.949	ug/L #	85

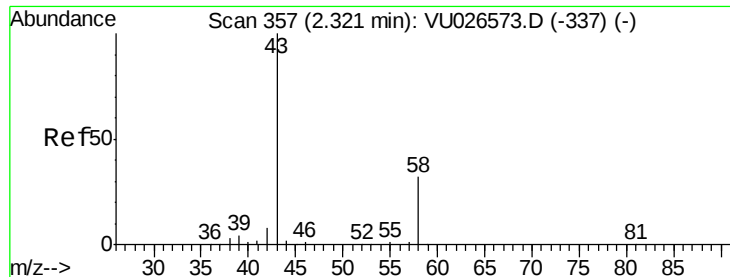
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 07 04:44:56 2018
Response via : Initial Calibration





#13

Acetone

Concen: 61.339 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Instrument :

MSVOA_U

ClientSampled :

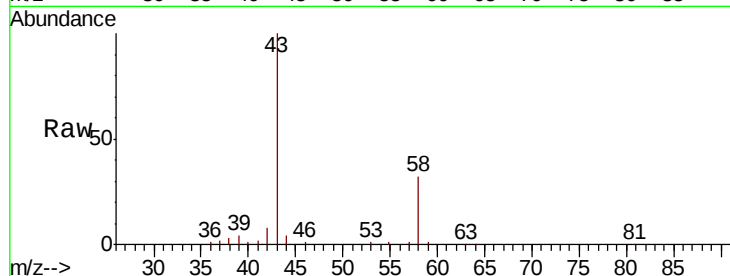
BEGD6

Tgt Ion: 43 Resp: 43582

Ion Ratio Lower Upper

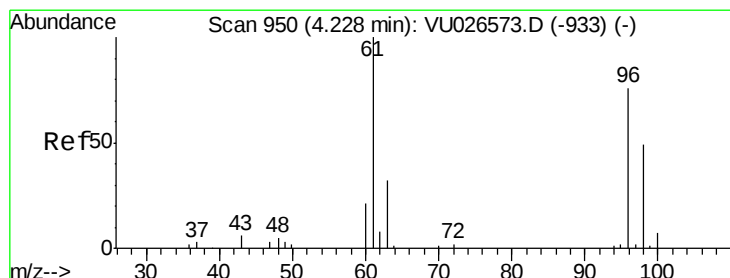
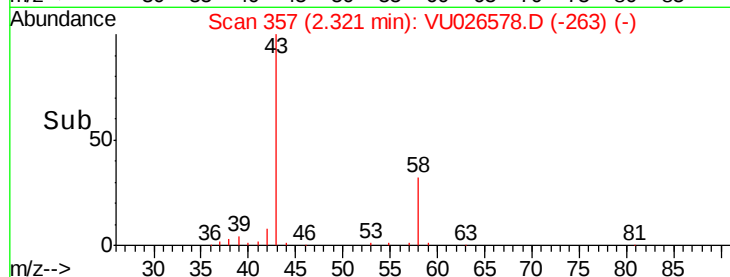
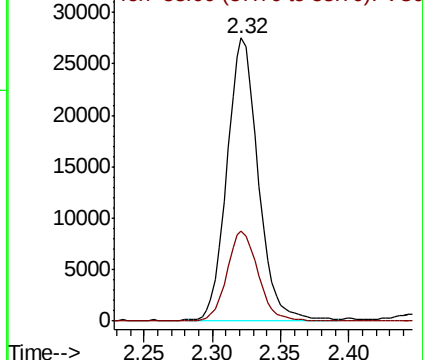
43 100

58 31.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 11.300 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

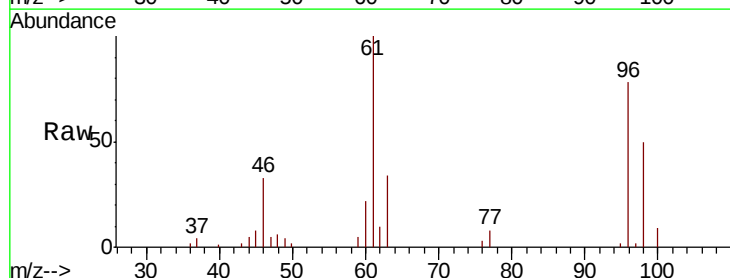
Tgt Ion: 96 Resp: 13946

Ion Ratio Lower Upper

96 100

61 128.5 91.6 170.2

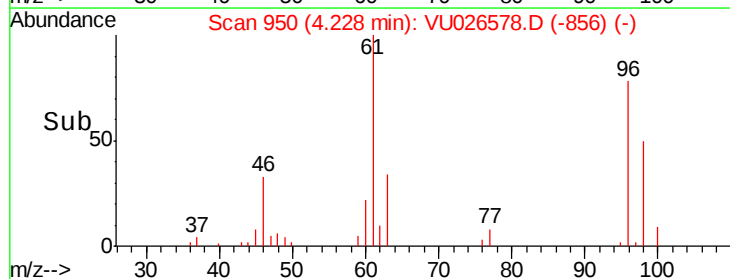
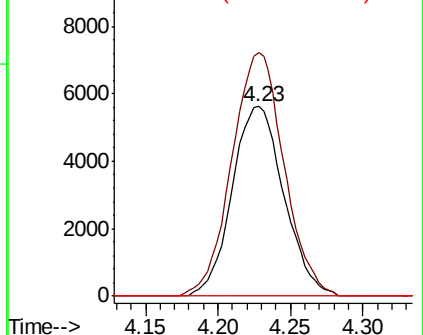
68 0.0 0.0 0.0

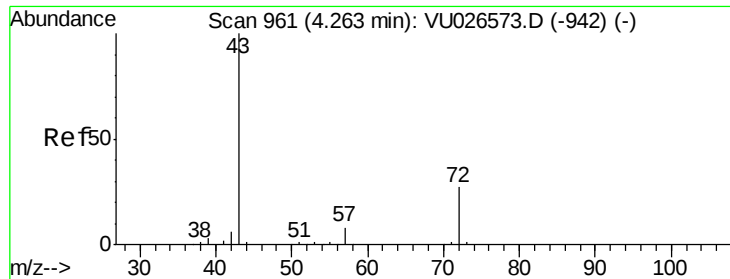


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 1.965 ug/L

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Instrument :

MSVOA_U

ClientSampleId :

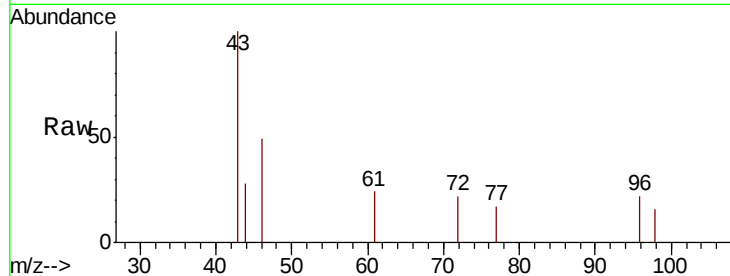
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Tgt Ion: 43 Resp: 1877

Ion Ratio Lower Upper

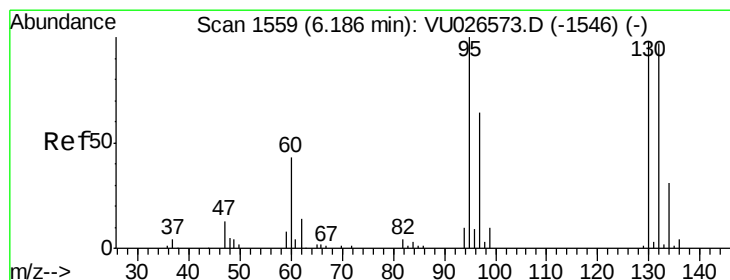
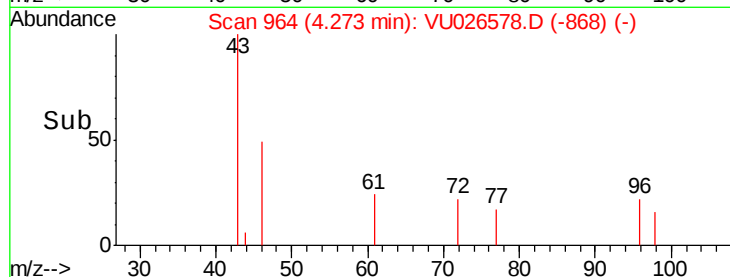
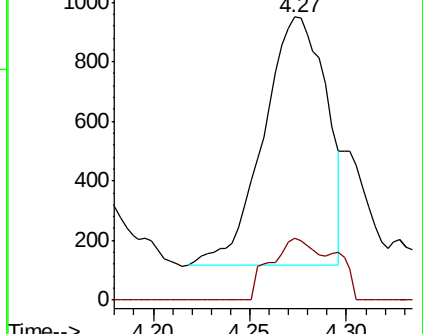
43 100

72 4.3 13.0 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#34

Trichloroethene

Concen: 2.305 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026578.D

Acq: 06 Sep 2018 14:24

Tgt Ion: 95 Resp: 2584

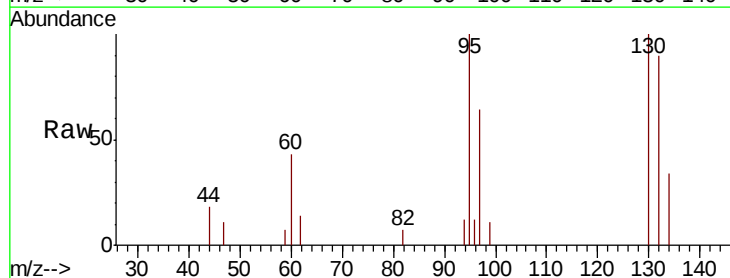
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 90.0 67.5 125.3

130 99.6 69.3 128.7

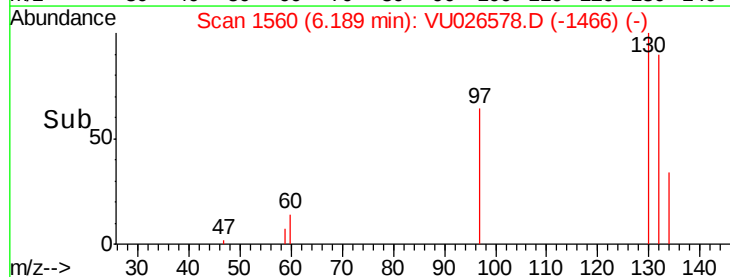
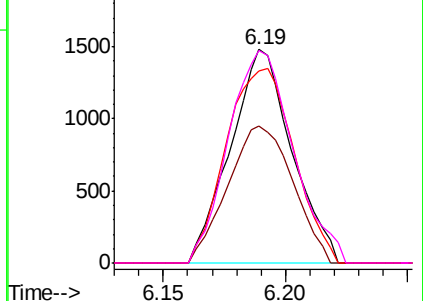


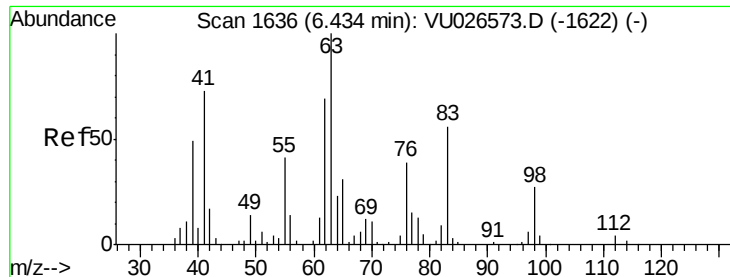
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

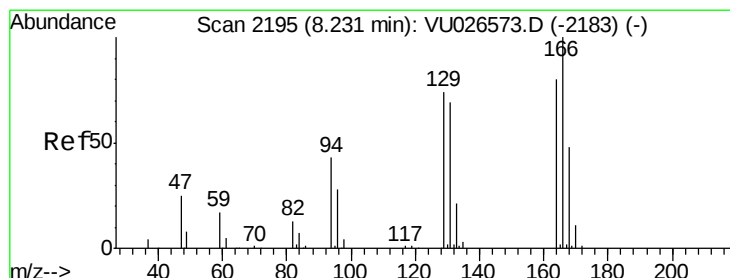
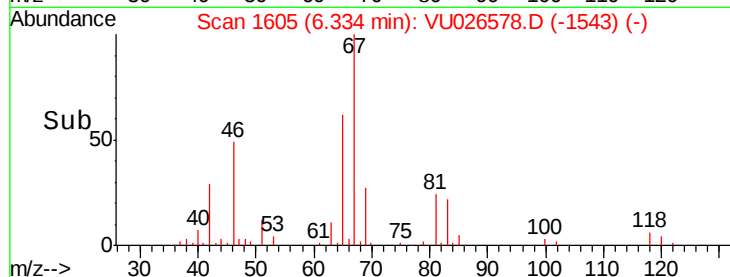
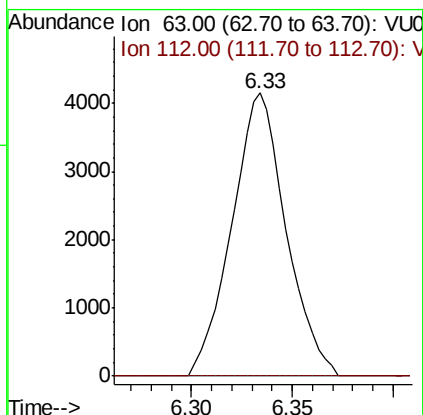
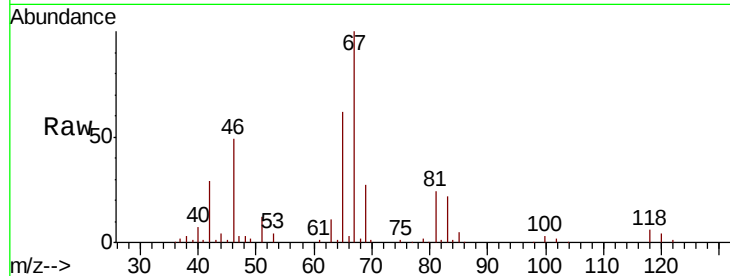




#37
 1,2-Dichloropropane
 Concen: 6.281 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026578.D
 Acq: 06 Sep 2018 14:24

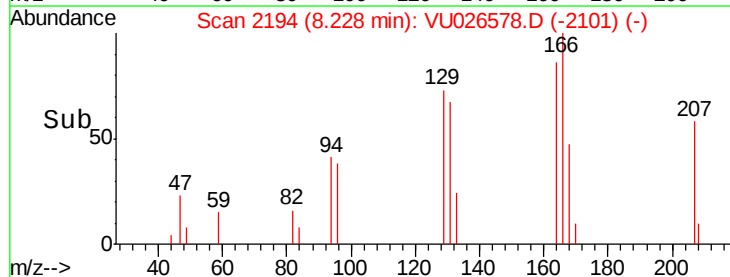
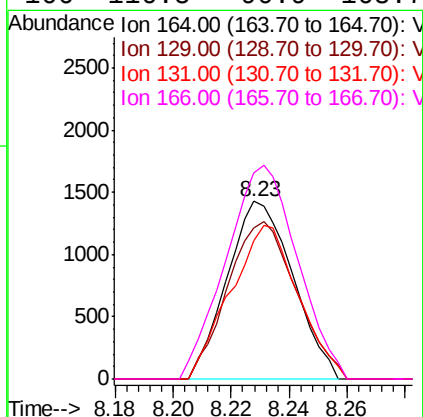
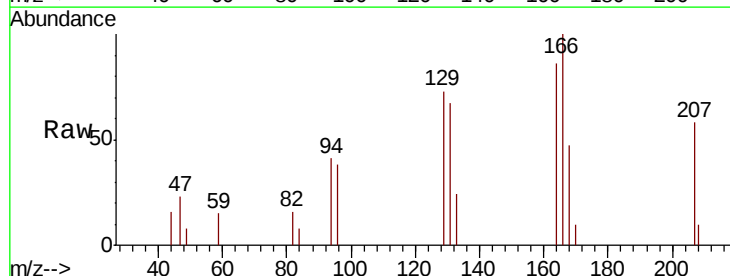
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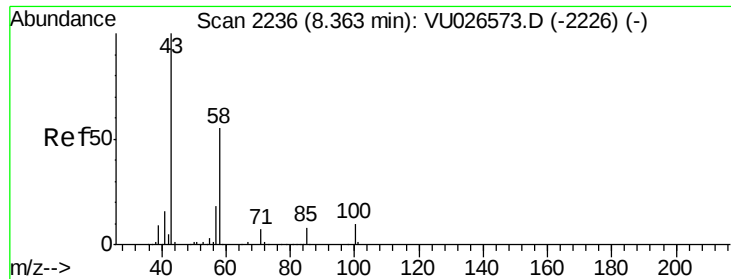
Tgt Ion: 63 Resp: 7773
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 2.455 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU026578.D
 Acq: 06 Sep 2018 14:24

Tgt Ion: 164 Resp: 2251
 Ion Ratio Lower Upper
 164 100
 129 85.1 67.3 125.1
 131 78.1 65.3 121.3
 166 116.5 90.9 168.7

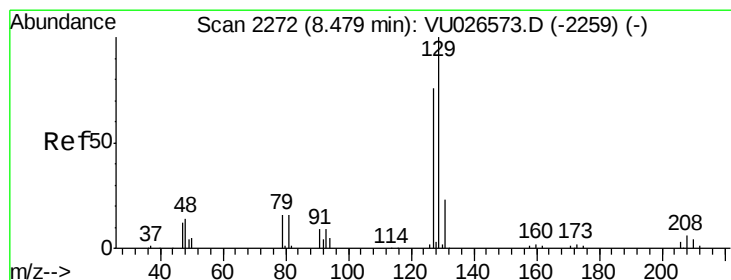
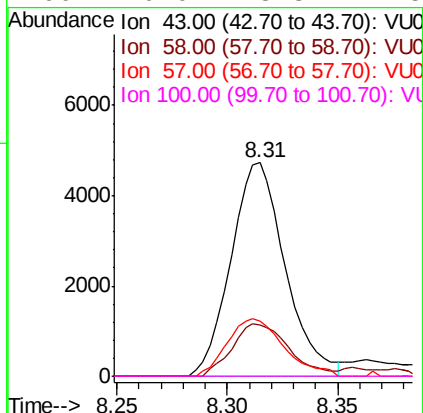
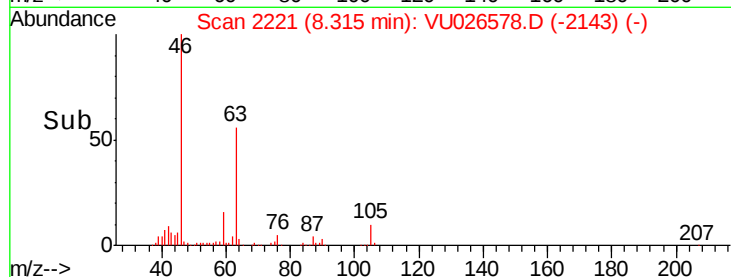
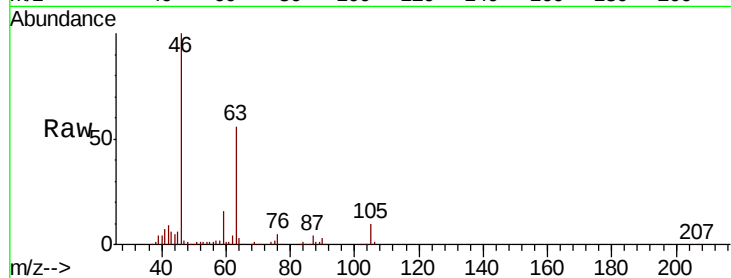




#48
2-Hexanone
Concen: 6.161 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026578.D
Acq: 06 Sep 2018 14:24

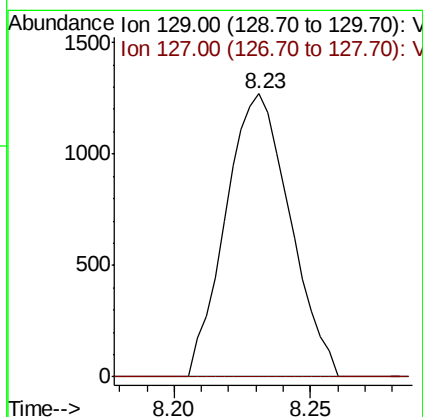
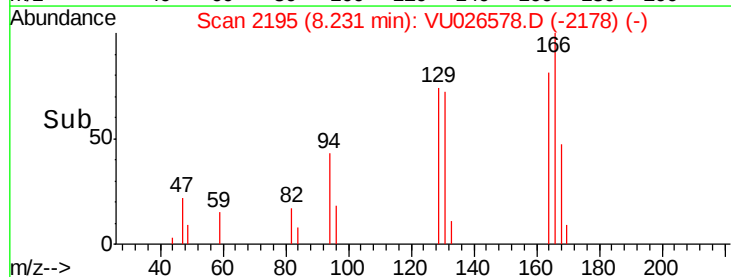
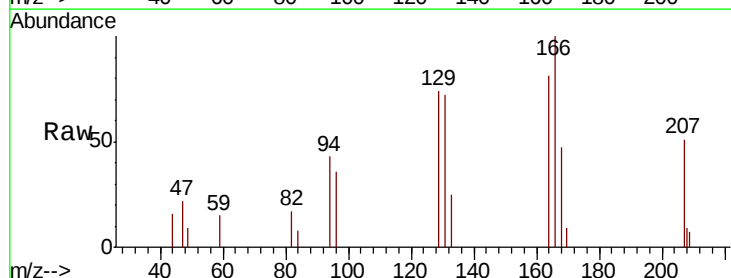
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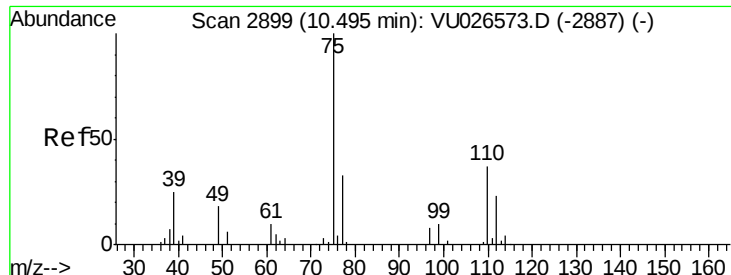
Tgt Ion: 43 Resp: 8099
Ion Ratio Lower Upper
43 100
58 25.4 42.2 63.4#
57 28.1 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 1.628 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU026578.D
Acq: 06 Sep 2018 14:24

Tgt Ion: 129 Resp: 2080
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.949 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026578.D
 Acq: 06 Sep 2018 14:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD6

Tgt Ion: 75 Resp: 7642
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.0 37.6#

