

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025448.D
 Acq On : 17 Jul 2018 01:02
 Operator : MD/SY
 Sample : J3984-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB190

Quant Time: Jul 17 03:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80237	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.67	69	67638	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.02%
11) 1,1-Dichloroethene-d2	2.27	63	125423	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	4.18	46	188712	106.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.59%
24) Chloroform-d	4.65	84	177906	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
26) 1,2-Dichloroethane-d4	5.31	65	127215	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.34	84	347445	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.33	67	116854	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.57	98	331068	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.85	79	45981	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
47) 2-Hexanone-d5	8.31	63	136050	104.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.75%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175431	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	138162	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%

Target Compounds

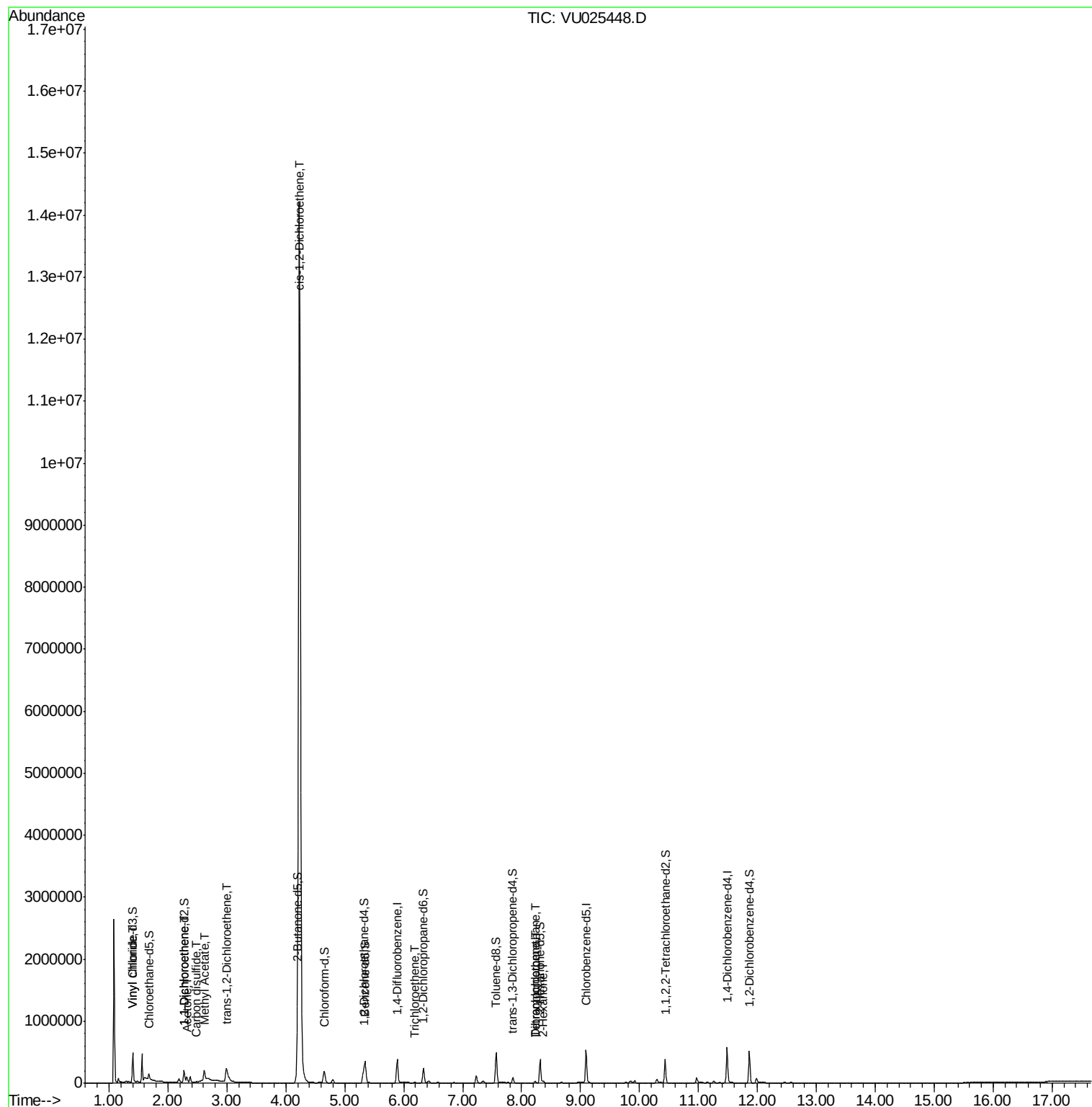
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	245651	98.726	ug/L	100
12) 1,1-Dichloroethene	2.28	96	6220	3.252	ug/L #	1
13) Acetone	2.32	43	94636	50.775	ug/L	99
14) Carbon disulfide	2.48	76	27714	4.609	ug/L #	95
15) Methyl Acetate	2.62	43	176993	63.882	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	148837	69.847	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	8411375	3363.830	ug/L	98
34) Trichloroethene	6.18	95	2932	1.256	ug/L	89
46) Tetrachloroethene	8.23	164	5495	2.841	ug/L	95
48) 2-Hexanone	8.36	43	12369	3.840	ug/L	99
49) Dibromochloromethane	8.23	129	4929	1.989	ug/L #	11

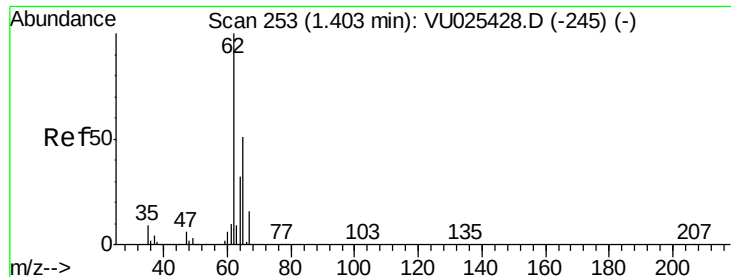
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 98.726 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025448.D

Acq: 17 Jul 2018 01:02

Instrument :

MSVOA_U

ClientSampleId :

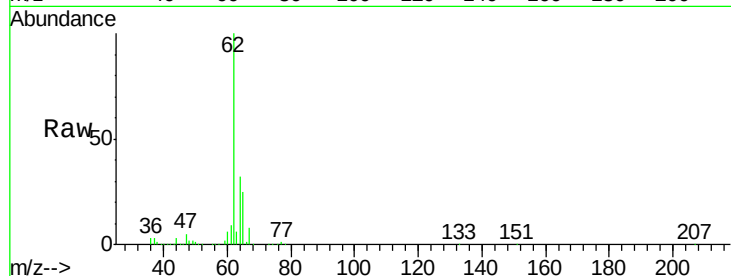
DB190

Tgt Ion: 62 Resp: 245651

Ion Ratio Lower Upper

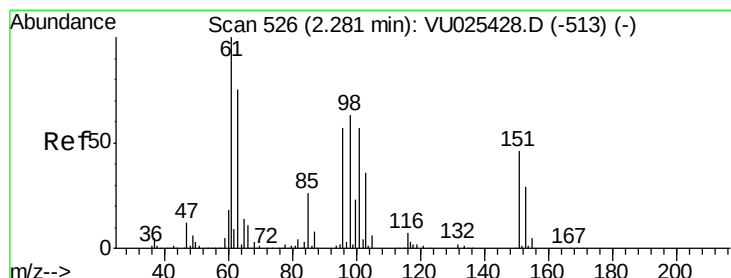
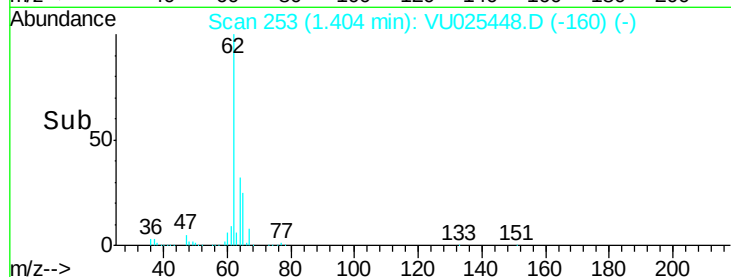
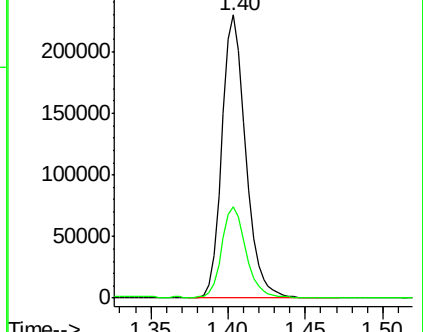
62 100

64 32.4 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 3.252 ug/L

RT: 2.28 min Scan# 526

Delta R.T. 0.00 min

Lab File: VU025448.D

Acq: 17 Jul 2018 01:02

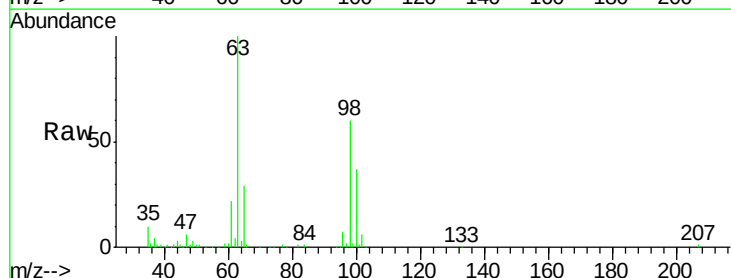
Tgt Ion: 96 Resp: 6220

Ion Ratio Lower Upper

96 100

61 311.3 125.9 233.9#

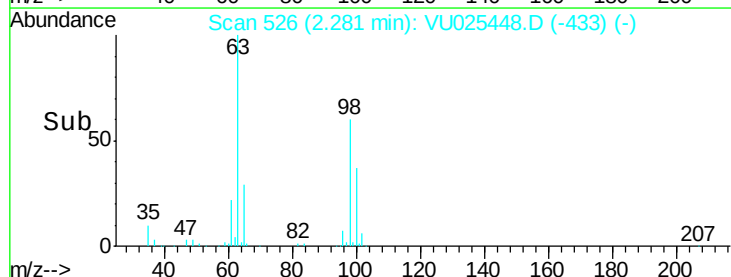
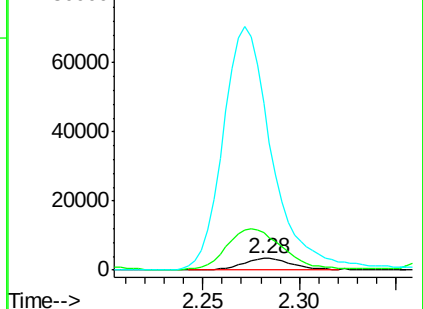
63 1399.5 90.4 167.8#

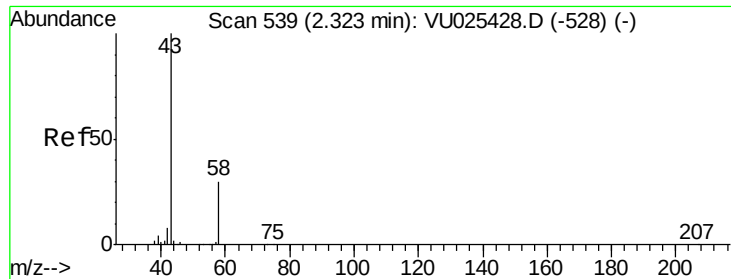


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 50.775 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025448.D

Acq: 17 Jul 2018 01:02

Instrument :

MSVOA_U

ClientSampleId :

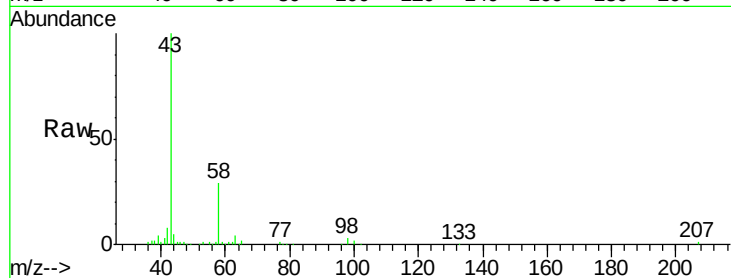
DB190

Tgt Ion: 43 Resp: 94636

Ion Ratio Lower Upper

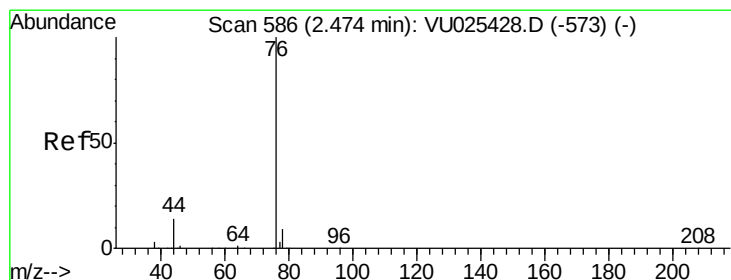
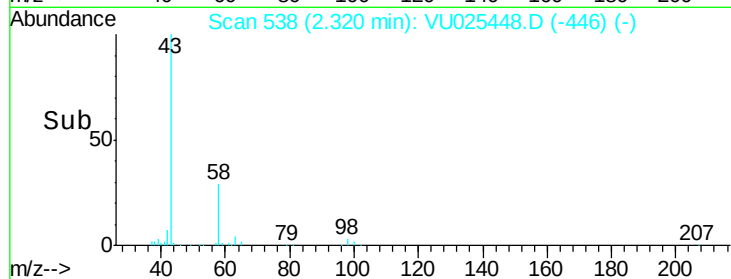
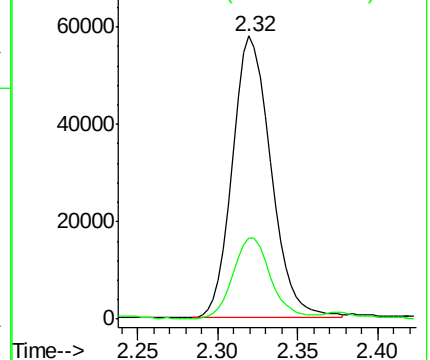
43 100

58 28.5 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 4.609 ug/L

RT: 2.48 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU025448.D

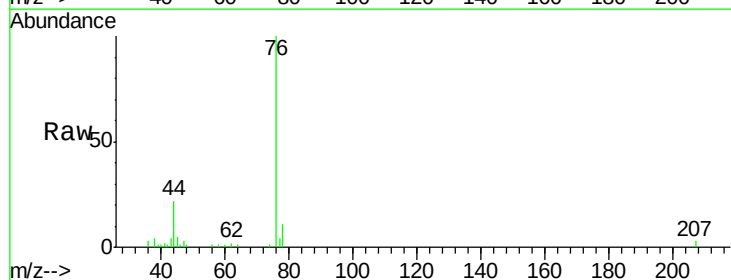
Acq: 17 Jul 2018 01:02

Tgt Ion: 76 Resp: 27714

Ion Ratio Lower Upper

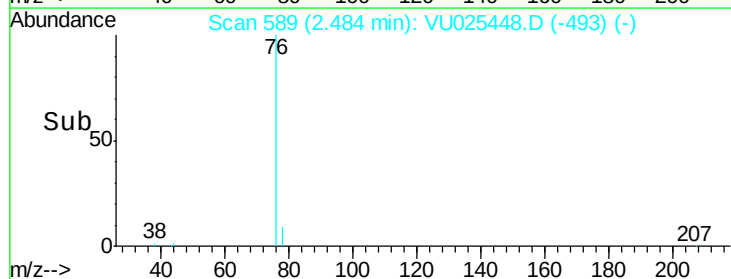
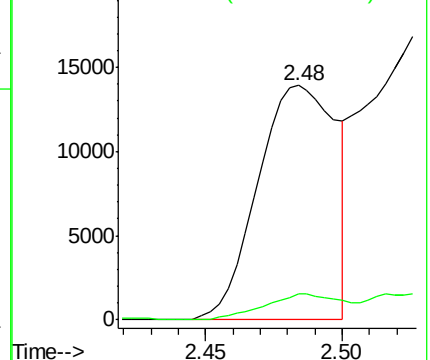
76 100

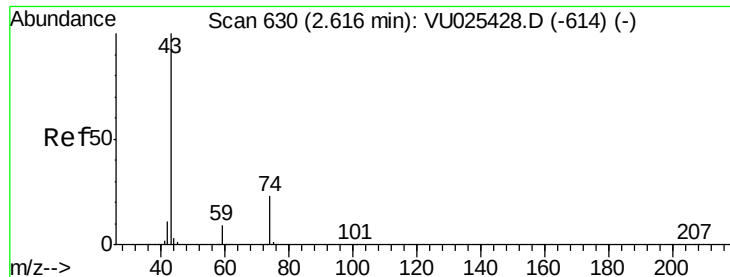
78 10.9 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

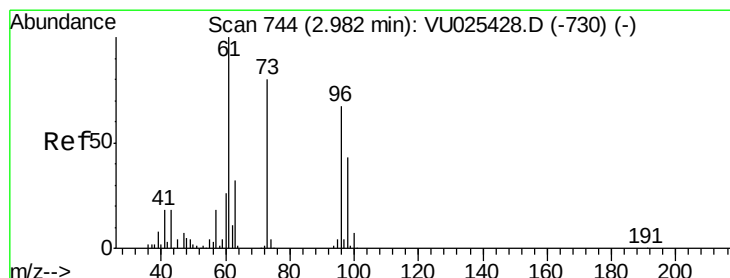
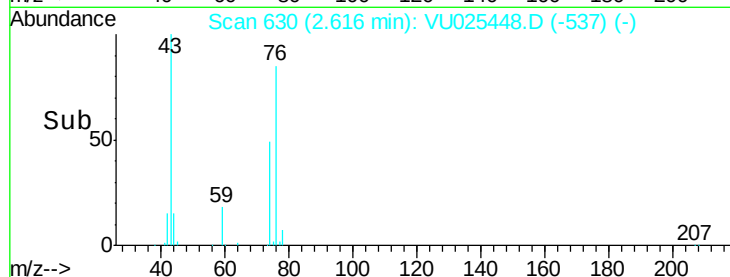
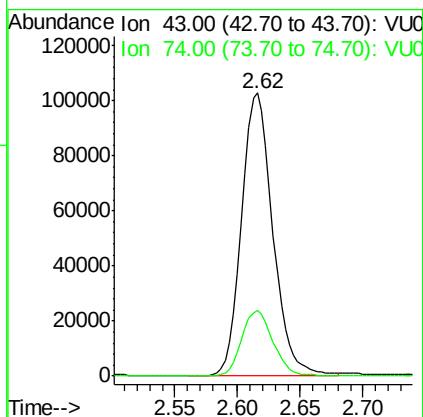
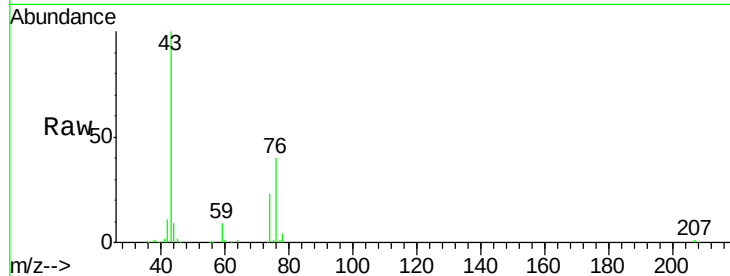




#15
Methyl Acetate
Concen: 63.882 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025448.D
Acq: 17 Jul 2018 01:02

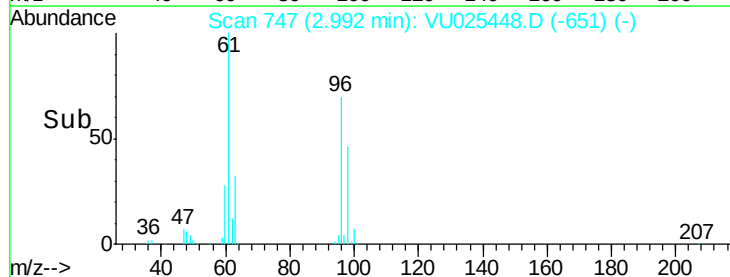
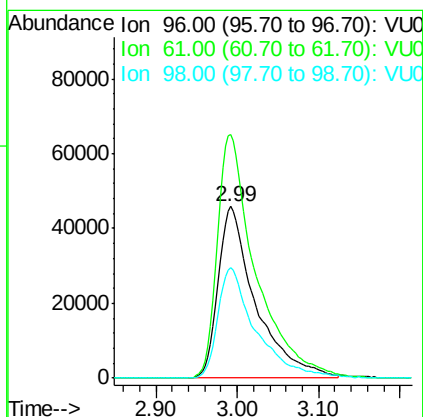
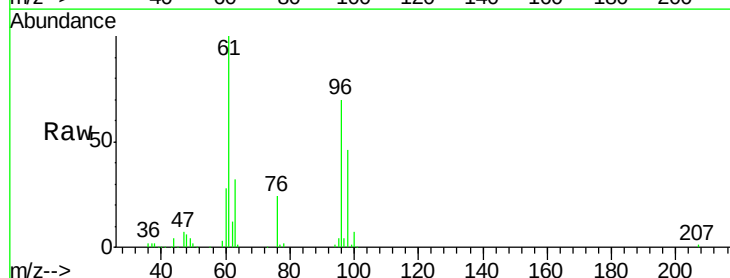
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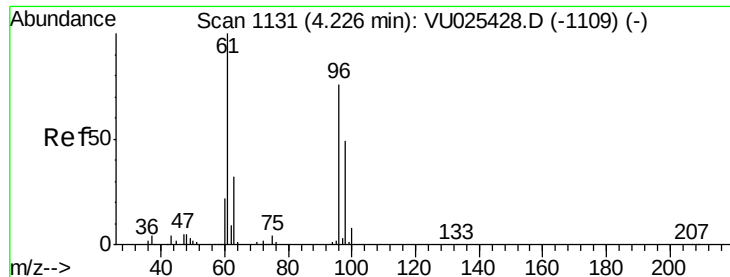
Tgt Ion: 43 Resp: 176993
Ion Ratio Lower Upper
43 100
74 23.4 18.8 28.2



#17
trans-1,2-Dichloroethene
Concen: 69.847 ug/L
RT: 2.99 min Scan# 747
Delta R.T. 0.01 min
Lab File: VU025448.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 96 Resp: 148837
Ion Ratio Lower Upper
96 100
61 142.0 98.2 182.4
98 64.8 44.4 82.5

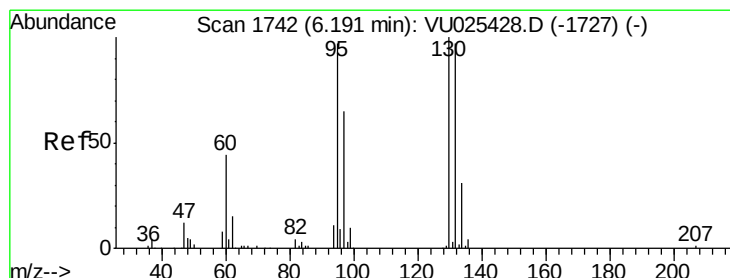
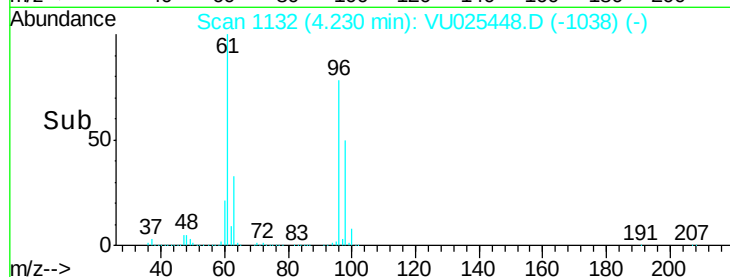
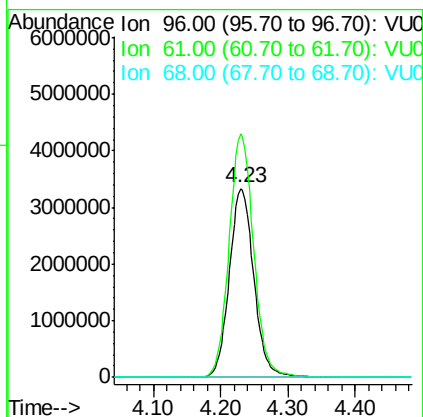
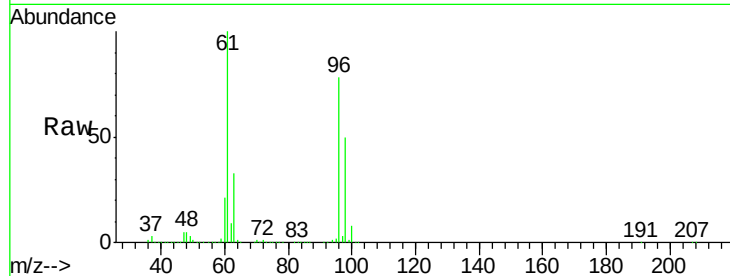




#20
 cis-1,2-Dichloroethene
 Concen: 3363.830 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025448.D
 Acq: 17 Jul 2018 01:02

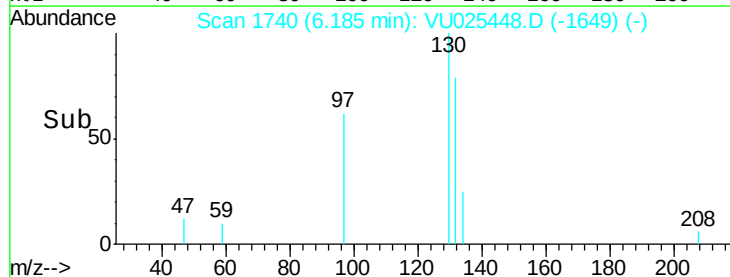
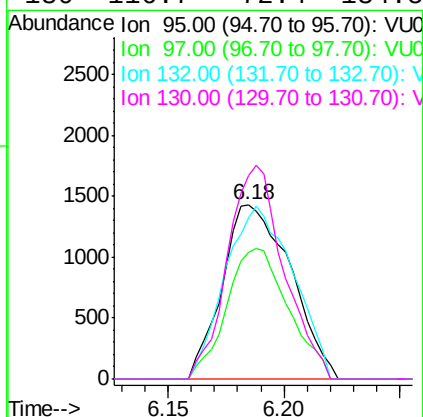
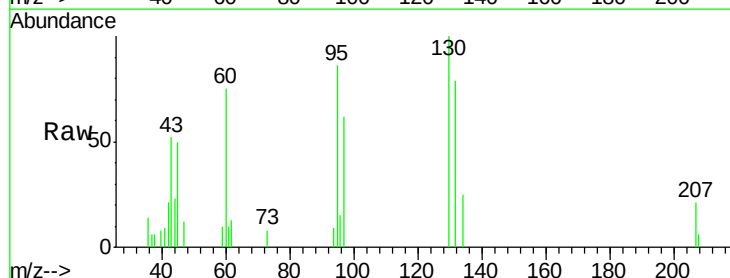
Instrument :
 MSVOA_U
 ClientSampleId :
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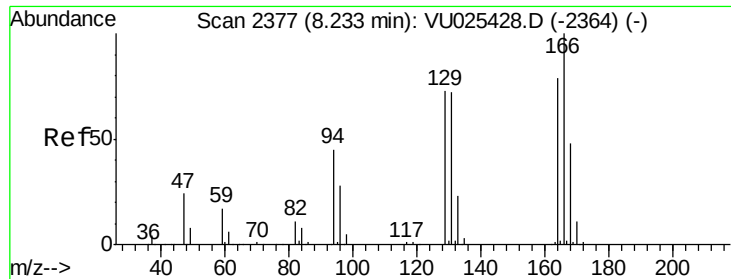
Tgt Ion: 96 Resp: 8411375
 Ion Ratio Lower Upper
 96 100
 61 128.8 92.0 170.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.256 ug/L
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: VU025448.D
 Acq: 17 Jul 2018 01:02

Tgt Ion: 95 Resp: 2932
 Ion Ratio Lower Upper
 95 100
 97 72.9 44.3 82.3
 132 92.1 69.6 129.2
 130 116.7 72.4 134.5

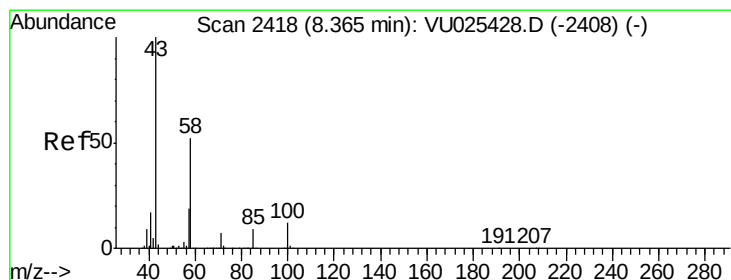
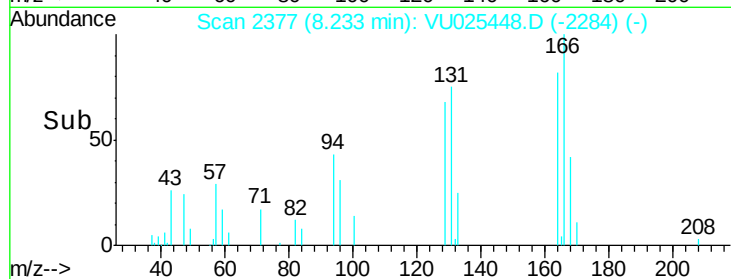
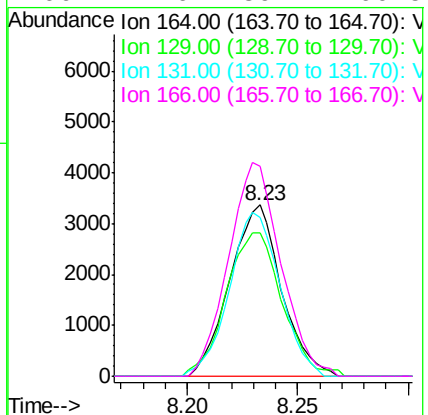
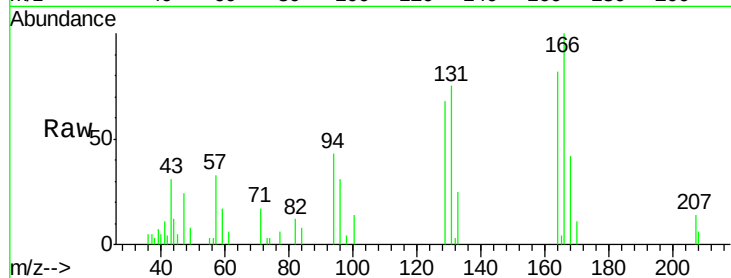




#46
Tetrachloroethene
Concen: 2.841 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025448.D
Acq: 17 Jul 2018 01:02

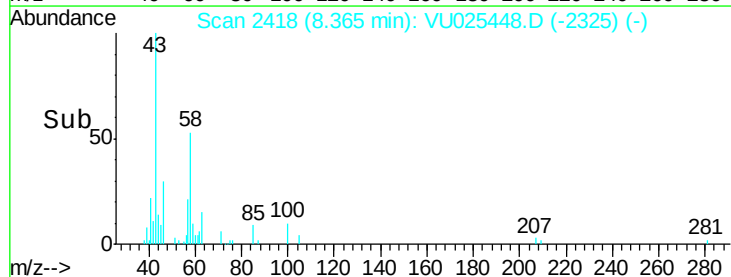
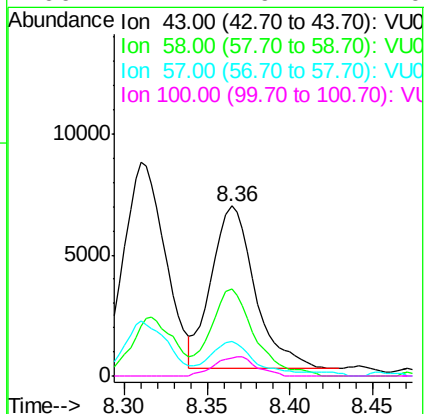
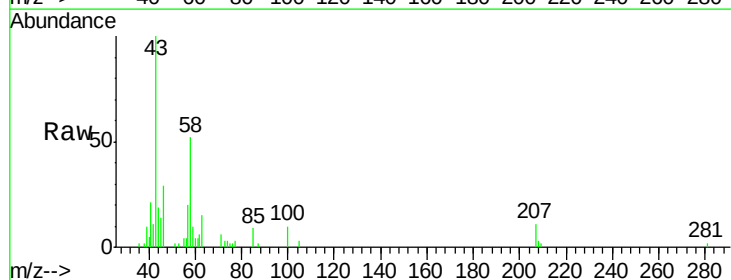
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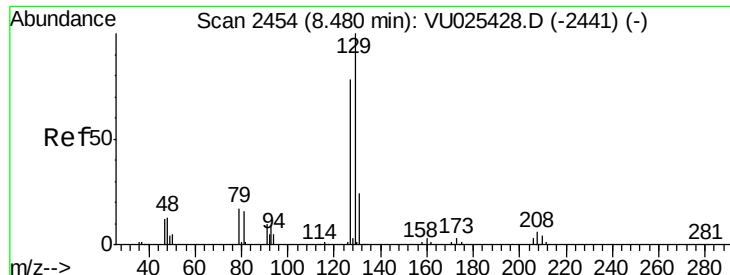
Tgt Ion:164 Resp: 5495
Ion Ratio Lower Upper
164 100
129 83.6 64.7 120.1
131 92.5 63.1 117.3
166 122.6 89.7 166.5



#48
2-Hexanone
Concen: 3.840 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025448.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 12369
Ion Ratio Lower Upper
43 100
58 53.4 43.0 64.4
57 18.9 15.8 23.6
100 11.1 9.4 14.0





#49

Dibromochloromethane

Concen: 1.989 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU025448.D

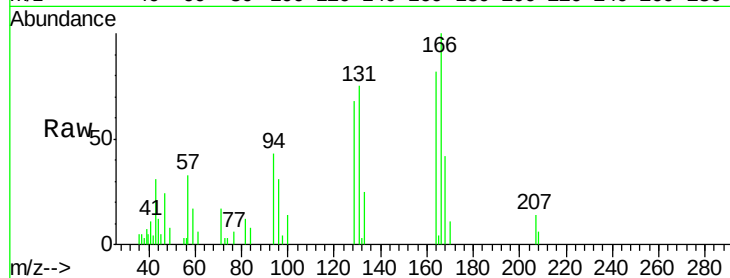
Acq: 17 Jul 2018 01:02

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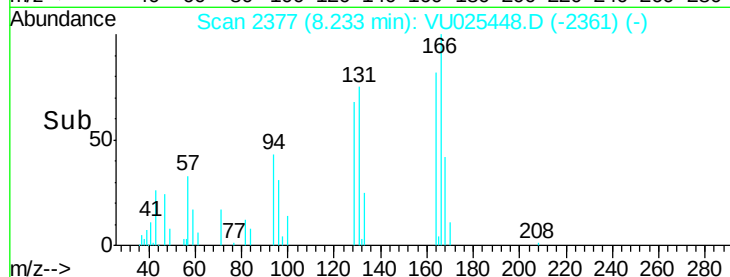


Tgt Ion:129 Resp: 4929

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

