

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072618\
 Data File : VU025645.D
 Acq On : 26 Jul 2018 11:46
 Operator : MD/SY
 Sample : J4040-08ME
 Misc : 5.14g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2ME

Quant Time: Jul 27 02:04:11 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	270808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153062	50.00	ug/L	0.00

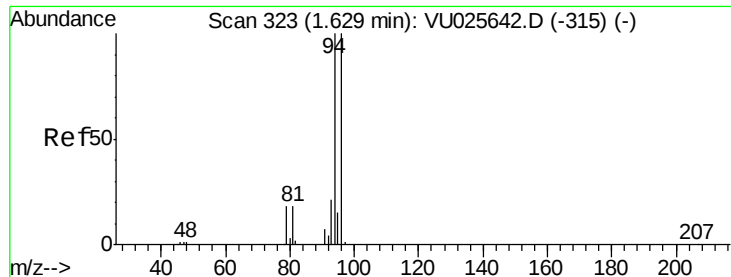
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84281	54.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.02%
7) Chloroethane-d5	1.64	69	47315	37.10	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.24	63	129840	40.34	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
21) 2-Butanone-d5	4.19	46	146634	122.85	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.85%
24) Chloroform-d	4.64	84	184704	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	5.31	65	131542	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
32) Benzene-d6	5.34	84	368324	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.33	67	120759	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.57	98	345801	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%
43) trans-1,3-Dichloropropene-	7.85	79	61115	54.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.68%
47) 2-Hexanone-d5	8.32	63	113065	123.77	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184635	60.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.02%#
64) 1,2-Dichlorobenzene-d4	11.87	152	171615	55.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.64%

Target Compounds

					Qvalue
6) Bromomethane	1.60	94	946	1.287	ug/L 100
13) Acetone	2.34	43	1868	1.333	ug/L 69
15) Methyl Acetate	2.62	43	2418	1.249	ug/L # 89
20) cis-1,2-Dichloroethene	4.22	96	72336	36.419	ug/L 92
34) Trichloroethene	6.18	95	53835	26.748	ug/L 98
37) 1,2-Dichloropropane	6.33	63	13427	6.478	ug/L # 88
39) cis-1,3-Dichloropropene	7.23	75	4091	1.272	ug/L # 79
46) Tetrachloroethene	8.23	164	265732	152.297	ug/L 99
48) 2-Hexanone	8.33	43	13456	5.850	ug/L # 65
49) Dibromochloromethane	8.23	129	245828	105.401	ug/L # 11
69) Naphthalene	13.75	128	76205	8.068	ug/L 100

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



#6

Bromomethane

Concen: 1.287 ug/L

RT: 1.60 min Scan# 314

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

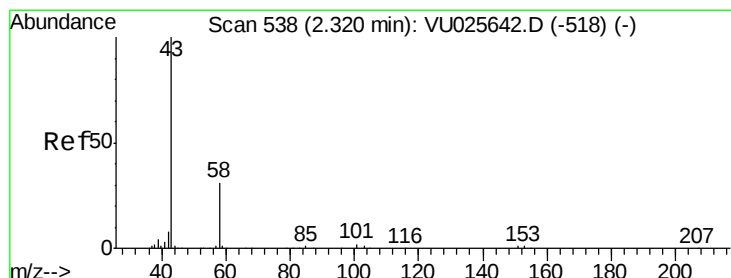
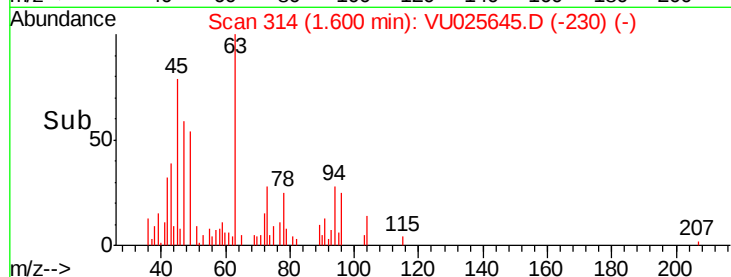
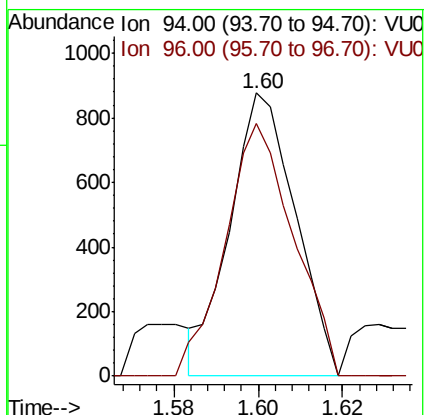
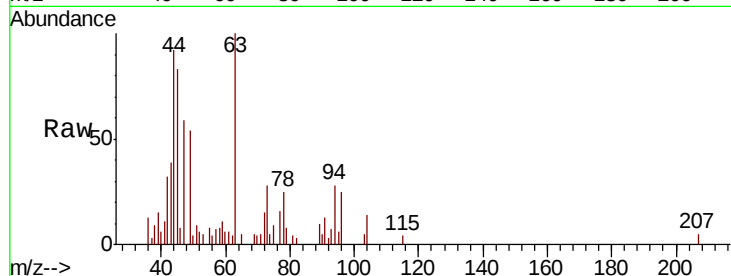
C0AE2ME

Tgt Ion: 94 Resp: 946

Ion Ratio Lower Upper

94 100

96 89.1 62.4 115.8



#13

Acetone

Concen: 1.333 ug/L

RT: 2.34 min Scan# 545

Delta R.T. 0.02 min

Lab File: VU025645.D

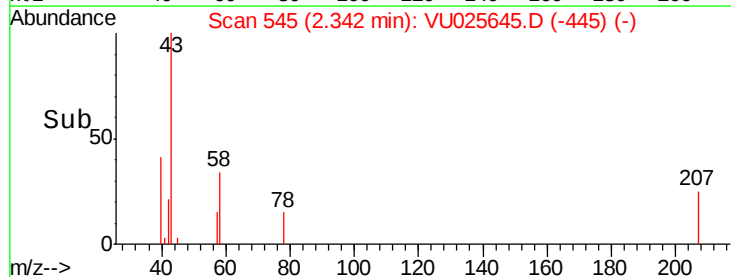
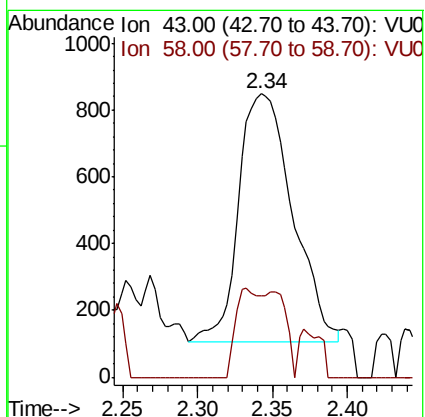
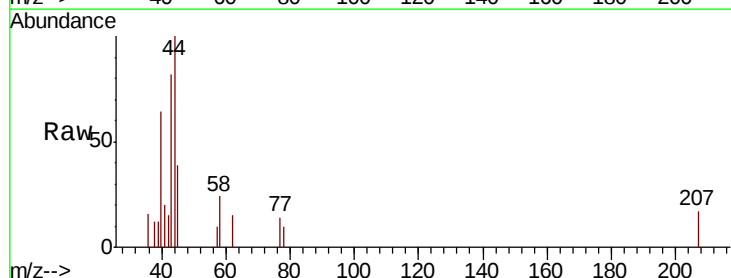
Acq: 26 Jul 2018 11:46

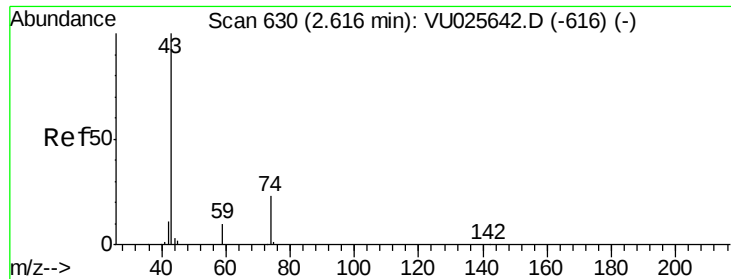
Tgt Ion: 43 Resp: 1868

Ion Ratio Lower Upper

43 100

58 13.7 0.0 61.2

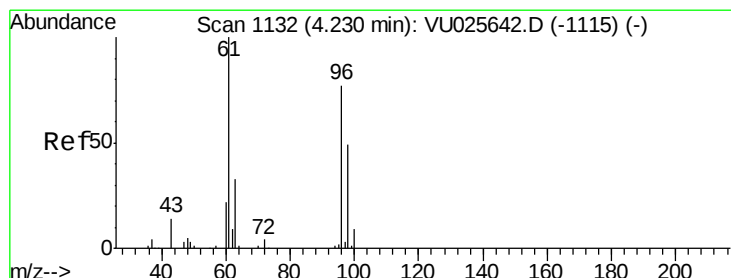
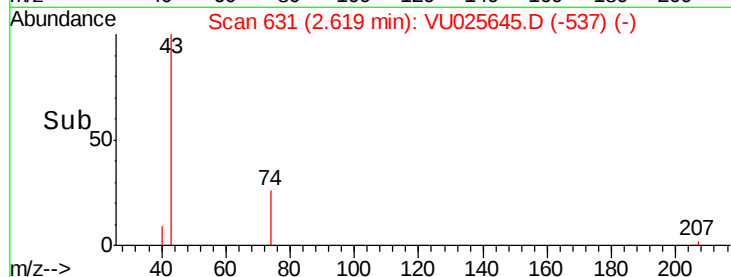
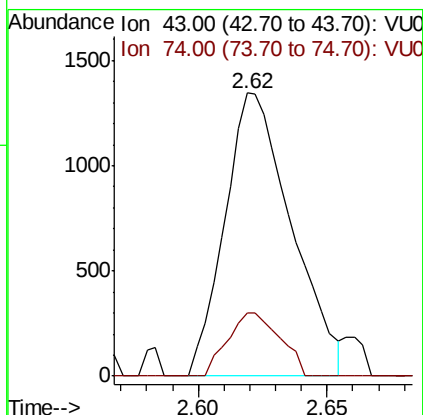
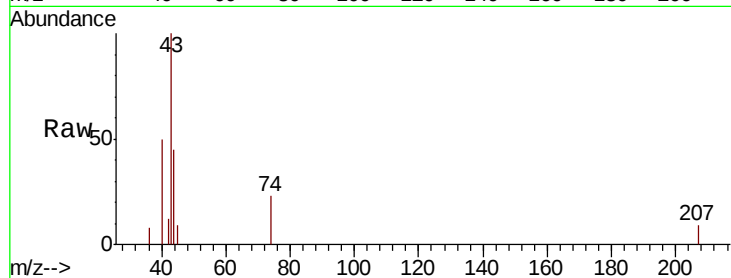




#15
Methyl Acetate
Concen: 1.249 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025645.D
Acq: 26 Jul 2018 11:46

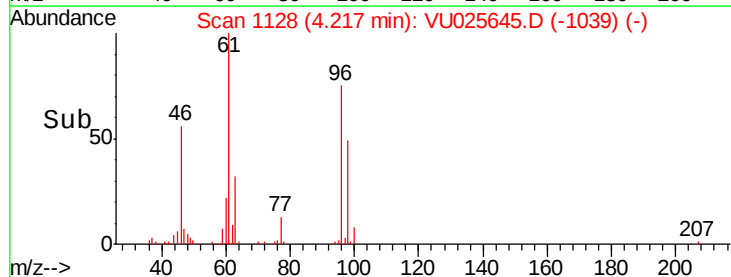
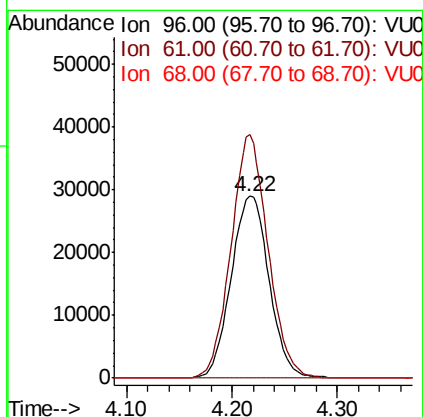
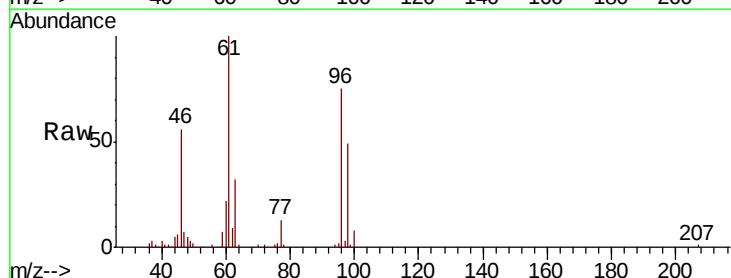
Instrument :
MSVOA_U
ClientSampleId :
C0AE2ME

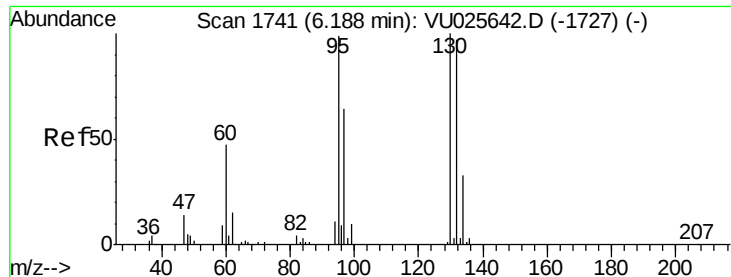
Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
74 17.6 18.3 27.5#



#20
cis-1,2-Dichloroethene
Concen: 36.419 ug/L
RT: 4.22 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VU025645.D
Acq: 26 Jul 2018 11:46

Tgt Ion: 96 Resp: 72336
Ion Ratio Lower Upper
96 100
61 134.0 87.4 162.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 26.748 ug/L

RT: 6.18 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VU025645.D

Acq: 26 Jul 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

C0AE2ME

Tgt Ion: 95 Resp: 53835

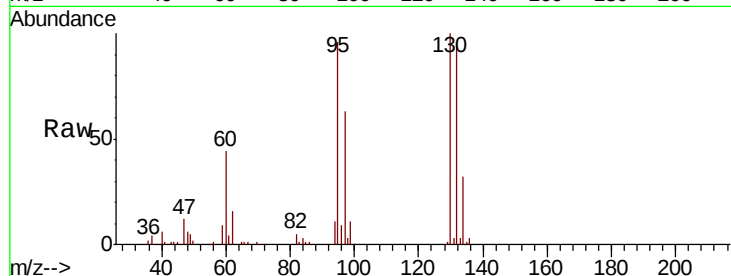
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 99.7 72.2 134.2

130 104.4 74.9 139.1

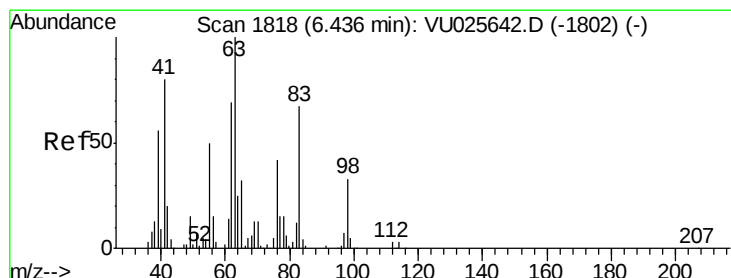
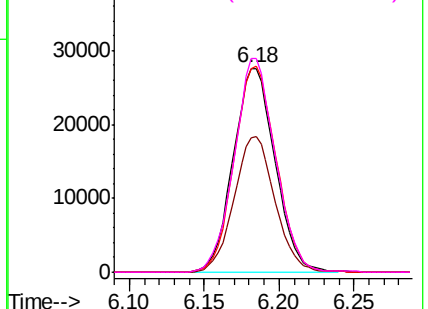
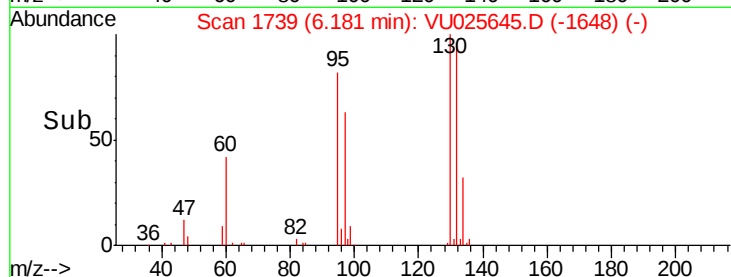


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.478 ug/L

RT: 6.33 min Scan# 1785

Delta R.T. -0.11 min

Lab File: VU025645.D

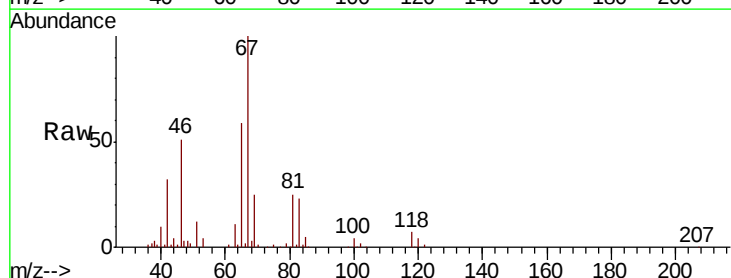
Acq: 26 Jul 2018 11:46

Tgt Ion: 63 Resp: 13427

Ion Ratio Lower Upper

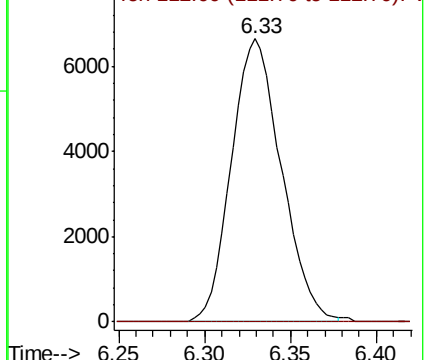
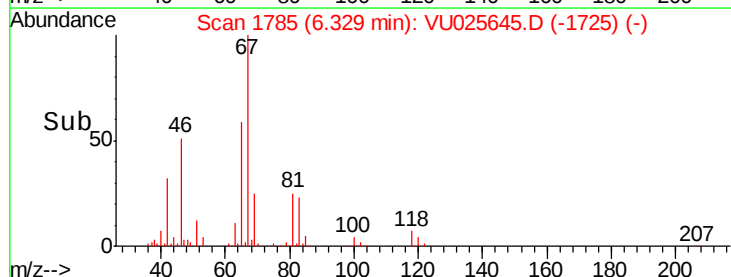
63 100

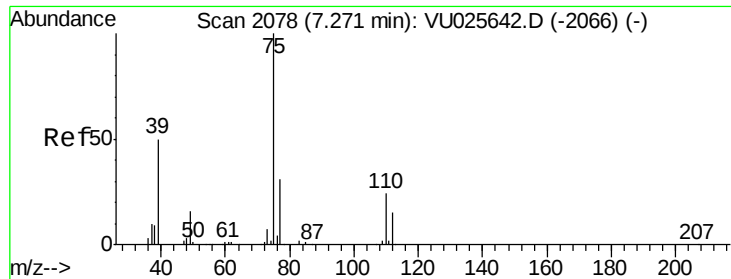
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

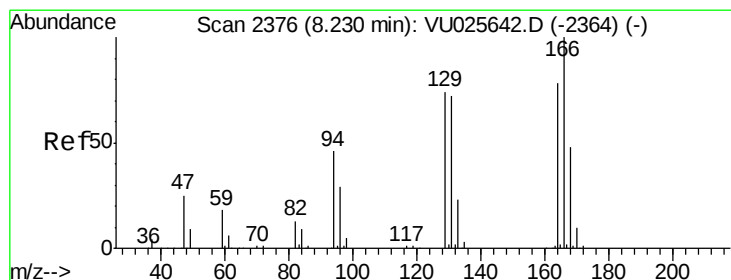
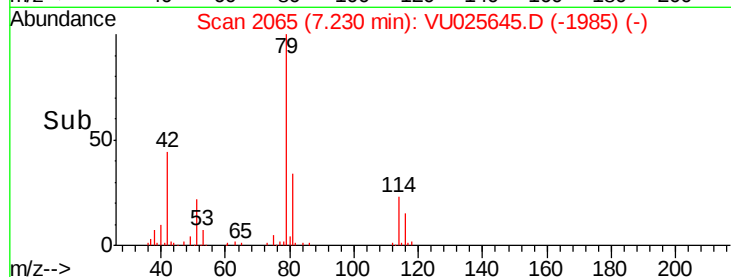
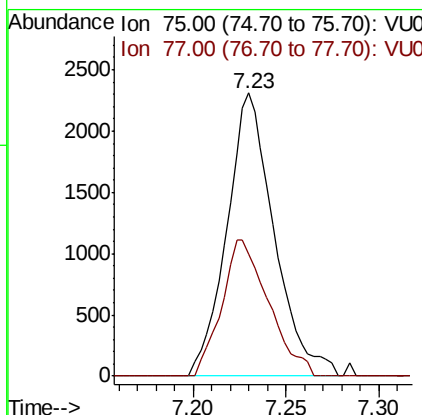
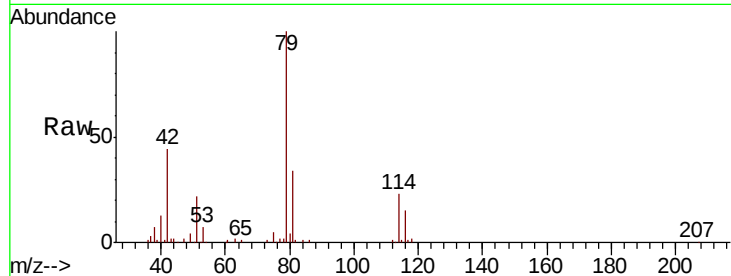




#39
 cis-1,3-Dichloropropene
 Concen: 1.272 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025645.D
 Acq: 26 Jul 2018 11:46

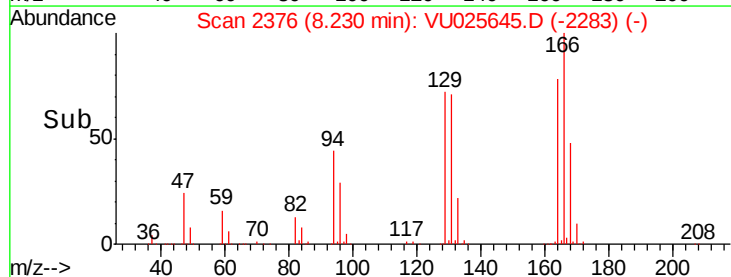
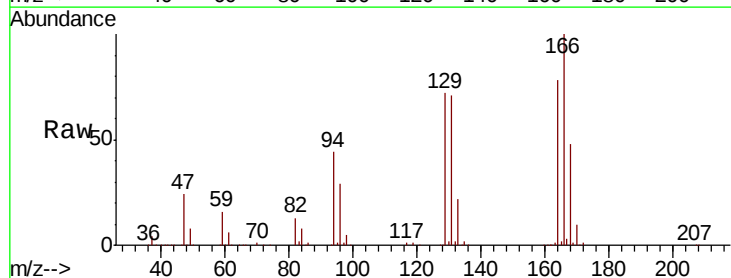
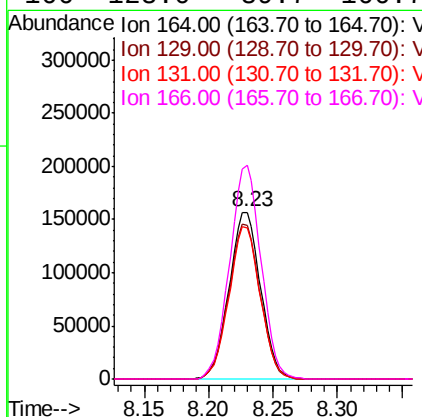
Instrument :
 MSVOA_U
 ClientSampled :
 COAE2ME

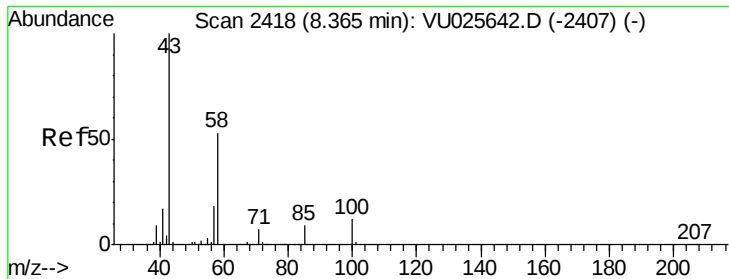
Tgt Ion: 75 Resp: 4091
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 152.297 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025645.D
 Acq: 26 Jul 2018 11:46

Tgt Ion: 164 Resp: 265732
 Ion Ratio Lower Upper
 164 100
 129 92.3 65.1 120.9
 131 90.8 62.8 116.6
 166 128.0 89.7 166.7

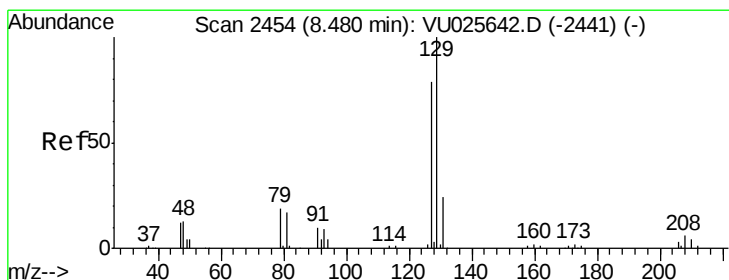
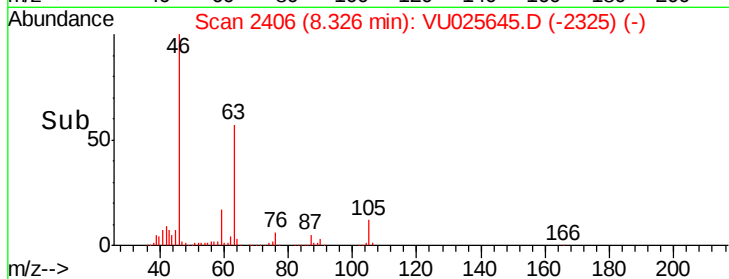
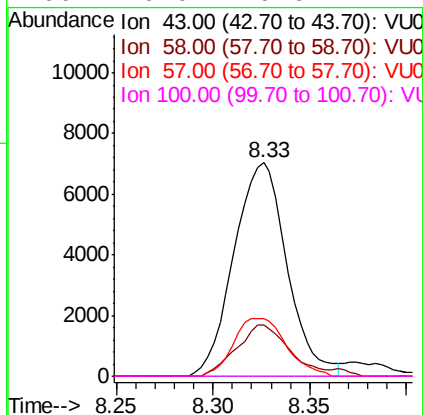
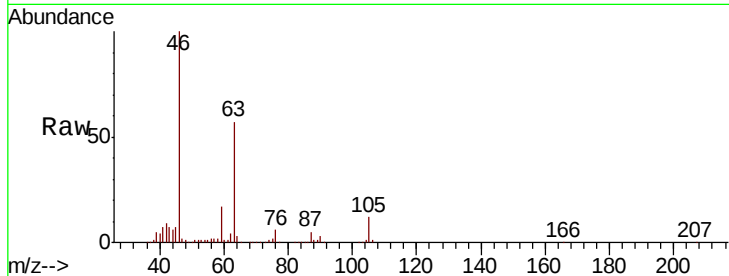




#48
2-Hexanone
Concen: 5.850 ug/L
RT: 8.33 min Scan# 2406
Delta R.T. -0.04 min
Lab File: VU025645.D
Acq: 26 Jul 2018 11:46

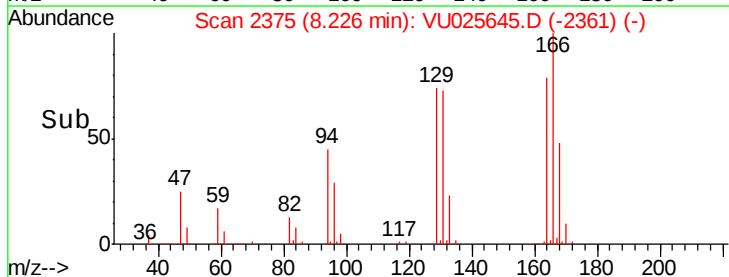
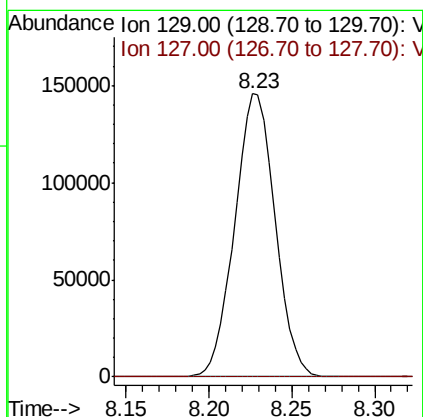
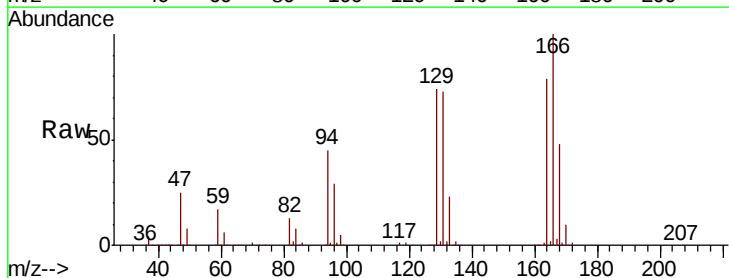
Instrument :
MSVOA_U
ClientSampleId :
COAE2ME

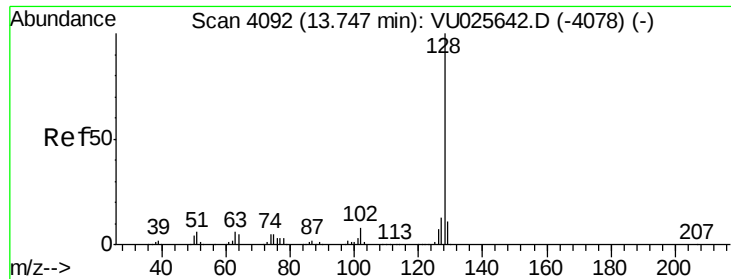
Tgt Ion: 43 Resp: 13456
Ion Ratio Lower Upper
43 100
58 23.7 42.9 64.3#
57 26.8 15.4 23.2#
100 0.0 9.6 14.4#



#49
Dibromochloromethane
Concen: 105.401 ug/L
RT: 8.23 min Scan# 2375
Delta R.T. -0.25 min
Lab File: VU025645.D
Acq: 26 Jul 2018 11:46

Tgt Ion: 129 Resp: 245828
Ion Ratio Lower Upper
129 100
127 0.1 53.8 100.0#





#69

Naphthalene

Concen: 8.068 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU025645.D

Acq: 26 Jul 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

C0AE2ME

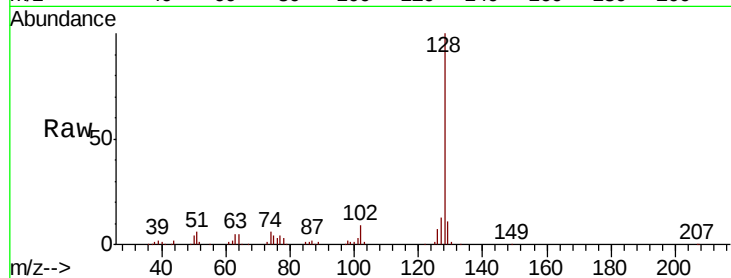
Tgt Ion:128 Resp: 76205

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.3 8.4 12.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

