

Data File : VU028962.D
Acq On : 27 Dec 2018 12:20
Operator : MD/SY
Sample : J6507-01ME
Misc : 5.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEZX6ME

Quant Time: Dec 28 00:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	240866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58990	30.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.10%
7) Chloroethane-d5	1.64	69	32616	21.87	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.74%#
11) 1,1-Dichloroethene-d2	2.23	63	93227	28.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.42%#
21) 2-Butanone-d5	4.19	46	114377	84.54	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.54%
24) Chloroform-d	4.64	84	127506	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
26) 1,2-Dichloroethane-d4	5.30	65	81466	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
32) Benzene-d6	5.33	84	273416	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
36) 1,2-Dichloropropane-d6	6.32	67	93415	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.70%
41) Toluene-d8	7.56	98	255667	43.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.90%
43) trans-1,3-Dichloropropene-	7.85	79	44674	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.32	63	107116	102.24	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153073	50.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	109564	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

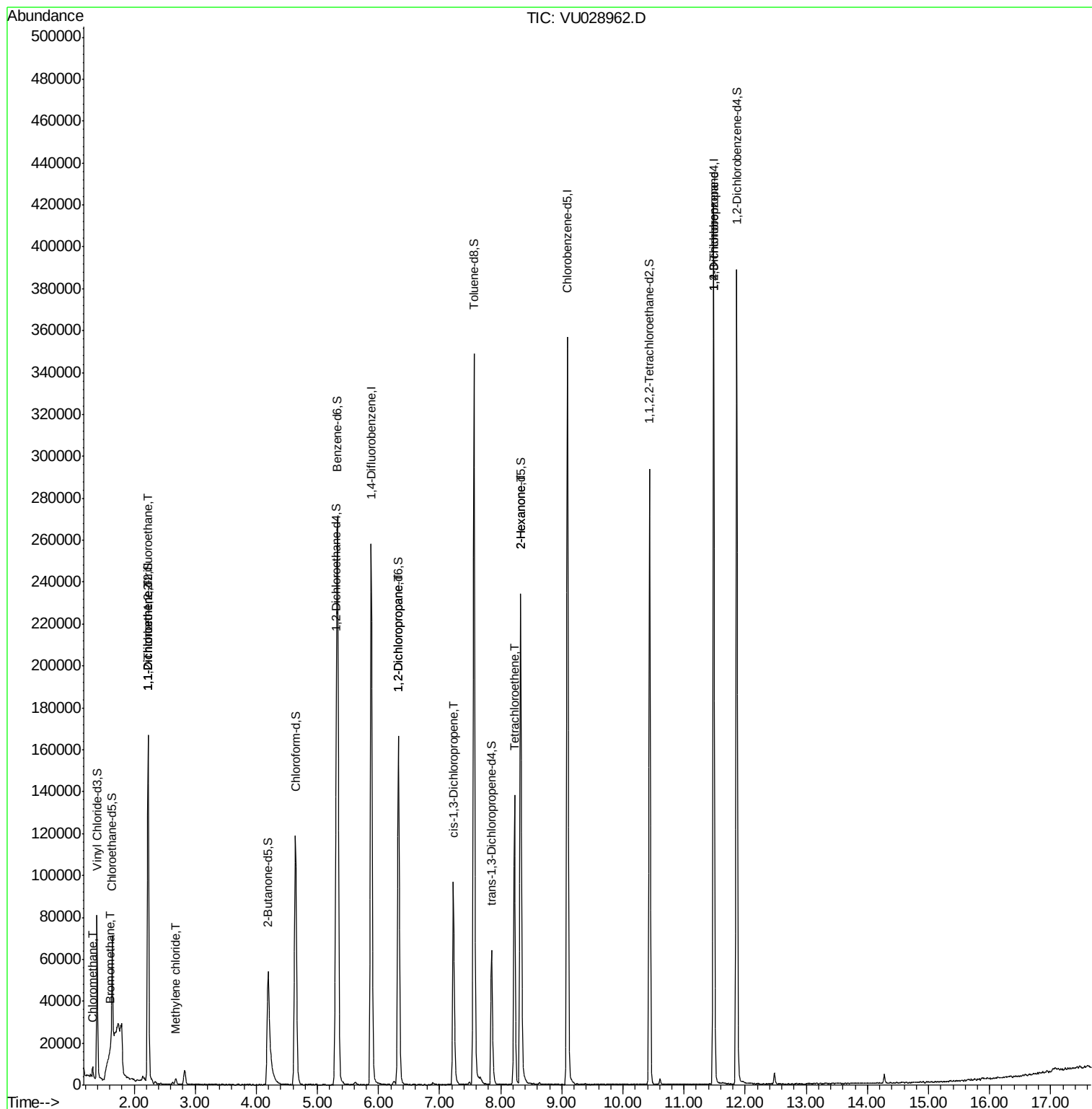
					Qvalue
3) Chloromethane	1.32	50	4185	1.567 ug/L	93
6) Bromomethane	1.60	94	696	0.693 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	881	0.564 ug/L #	20
12) 1,1-Dichloroethene	2.23	96	962	0.623 ug/L #	1
16) Methylene chloride	2.68	84	1389	0.729 ug/L #	70
37) 1,2-Dichloropropane	6.32	63	8958	4.379 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2181	0.748 ug/L #	51
46) Tetrachloroethene	8.22	164	34074	25.044 ug/L	95
48) 2-Hexanone	8.32	43	10139	4.493 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	12932	5.298 ug/L	96

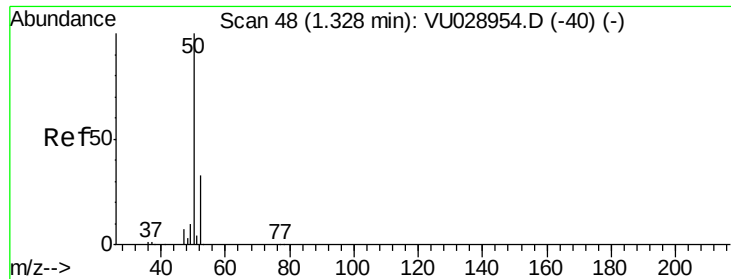
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028962.D
Acq On : 27 Dec 2018 12:20
Operator : MD/SY
Sample : J6507-01ME
Misc : 5.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEZX6ME

Quant Time: Dec 28 00:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.567 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028962.D

Acq: 27 Dec 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

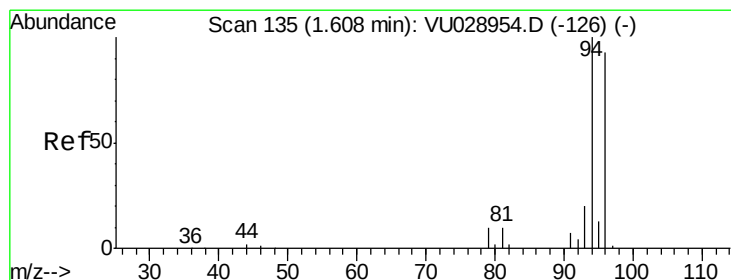
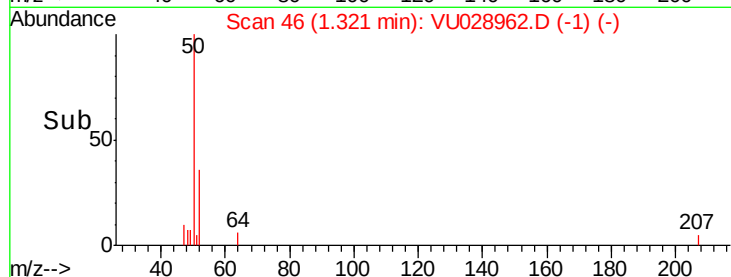
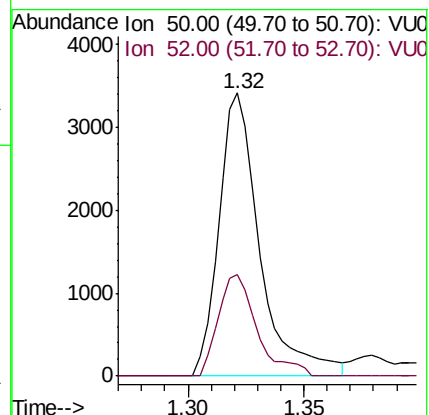
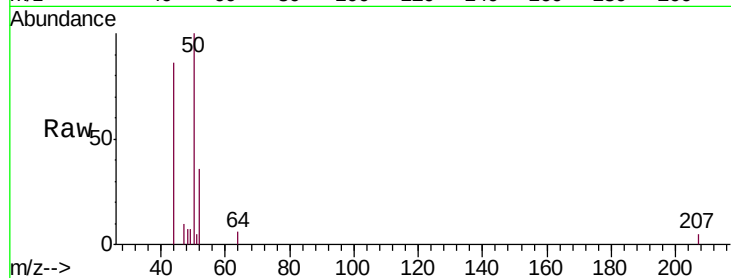
BEZX6ME

Tgt Ion: 50 Resp: 4185

Ion Ratio Lower Upper

50 100

52 35.7 22.3 41.3



#6

Bromomethane

Concen: 0.693 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU028962.D

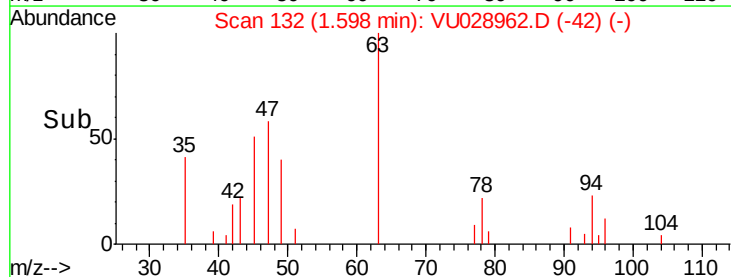
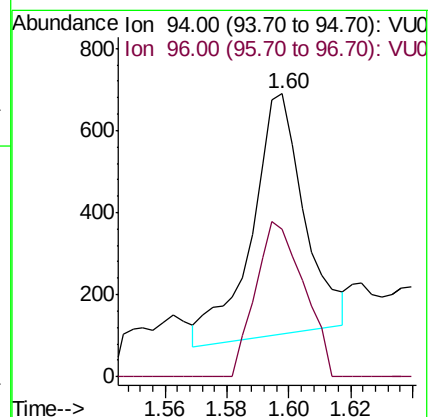
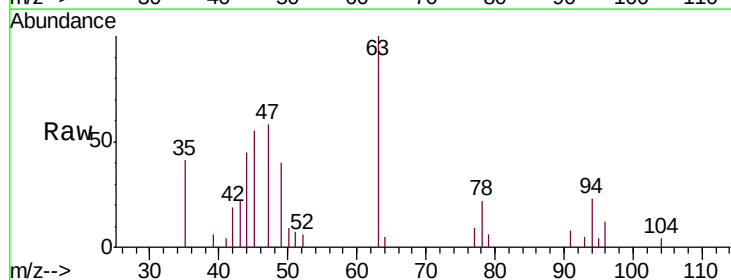
Acq: 27 Dec 2018 12:20

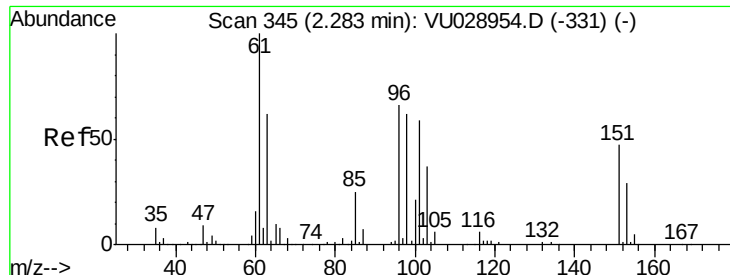
Tgt Ion: 94 Resp: 696

Ion Ratio Lower Upper

94 100

96 52.0 67.3 125.1#





#10

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

Concen: 0.564 ug/L

RT: 2.23 min Scan# 329

Delta R.T. -0.05 min

Lab File: VU028962.D

Acq: 27 Dec 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

BEZX6ME

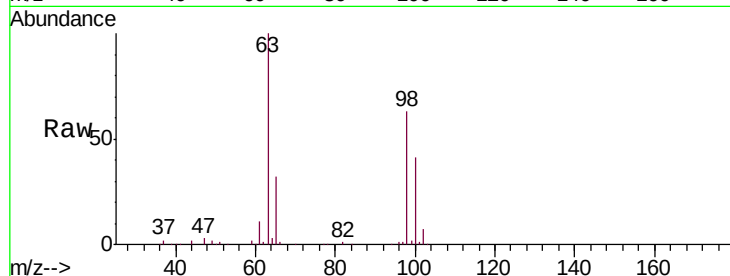
Tgt Ion: 101 Resp: 881

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



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

2.23

600

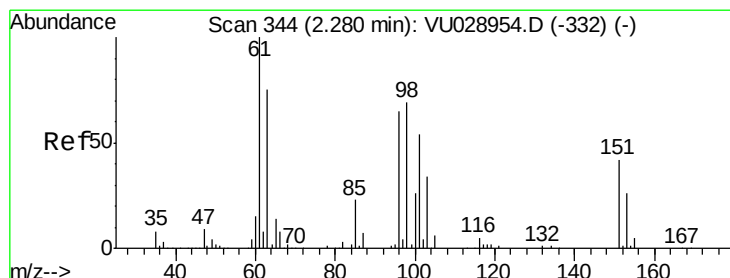
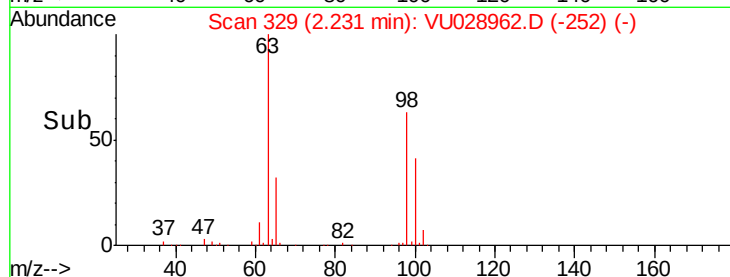
400

200

0

2.20 2.22 2.24 2.26

Time-->



#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.23 min Scan# 329

Delta R.T. -0.05 min

Lab File: VU028962.D

Acq: 27 Dec 2018 12:20

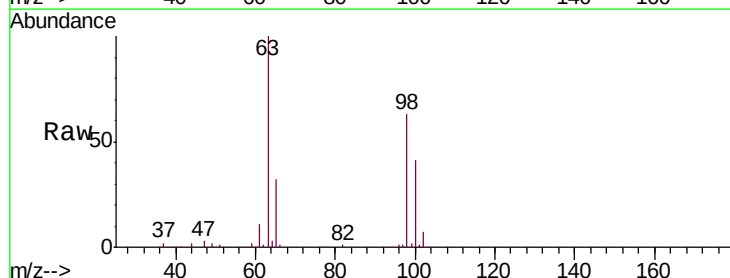
Tgt Ion: 96 Resp: 962

Ion Ratio Lower Upper

96 100

61 1063.2 119.3 221.5#

63 9641.3 107.4 199.6#



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

80000

60000

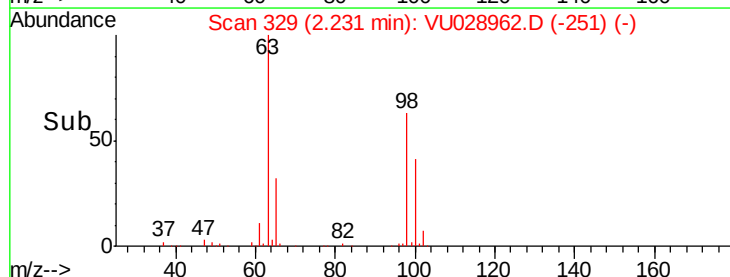
40000

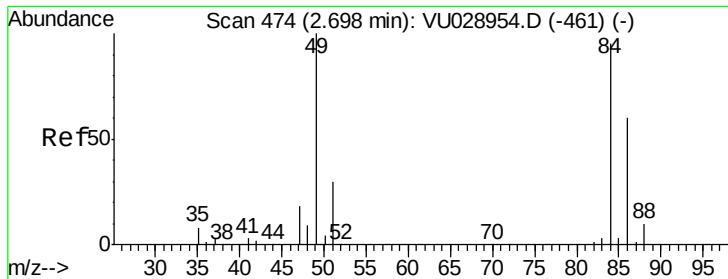
20000

0

2.20 2.22 2.24 2.26

Time-->

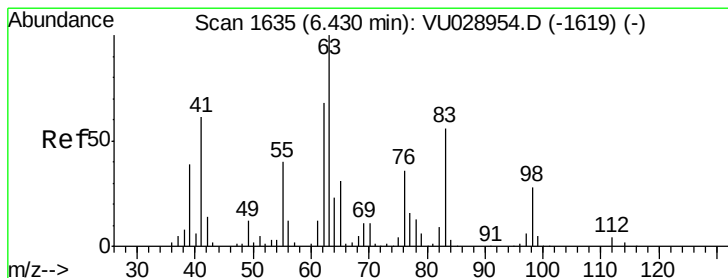
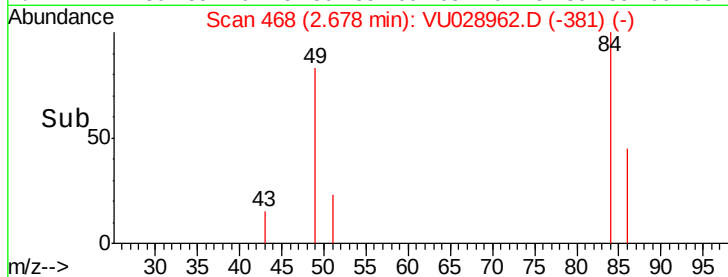
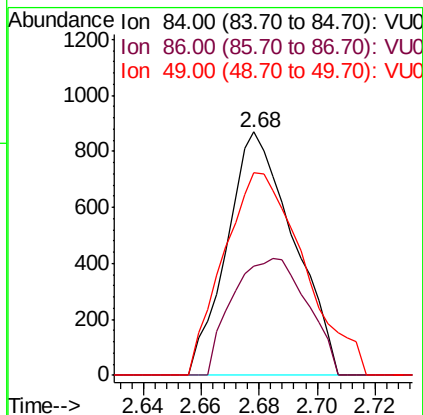
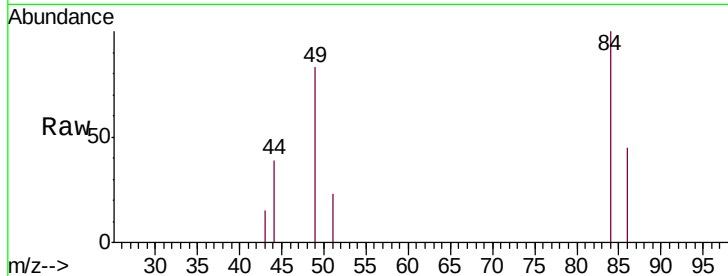




#16
Methylene chloride
Concen: 0.729 ug/L
RT: 2.68 min Scan# 468
Delta R.T. -0.02 min
Lab File: VU028962.D
Acq: 27 Dec 2018 12:20

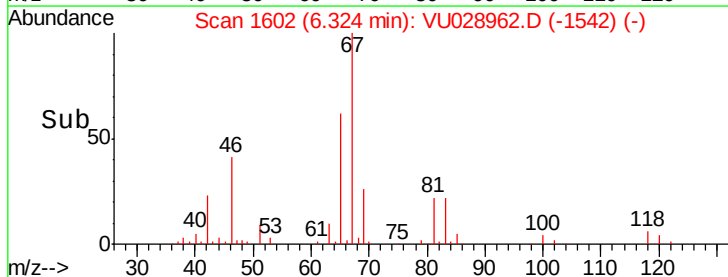
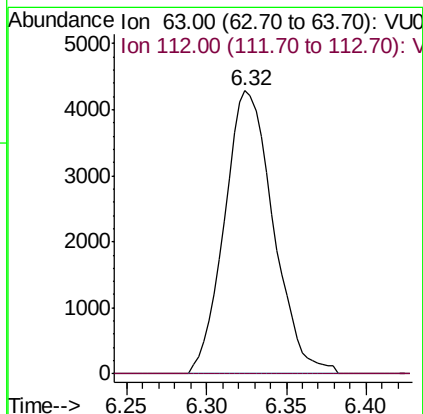
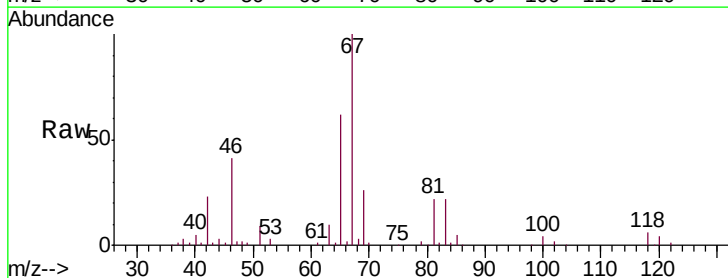
Instrument :
MSVOA_U
ClientSampleId :
BEZX6ME

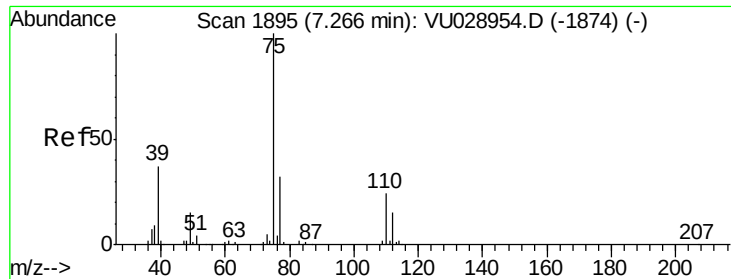
Tgt Ion: 84 Resp: 1389
Ion Ratio Lower Upper
84 100
86 45.1 44.9 83.3
49 83.1 83.9 155.7#



#37
1,2-Dichloropropane
Concen: 4.379 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU028962.D
Acq: 27 Dec 2018 12:20

Tgt Ion: 63 Resp: 8958
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU028962.D

Acq: 27 Dec 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

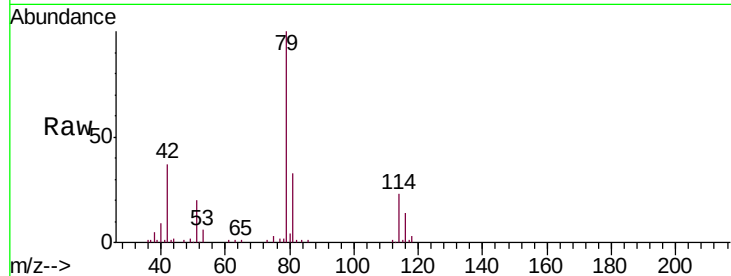
BEZX6ME

Tgt Ion: 75 Resp: 2181

Ion Ratio Lower Upper

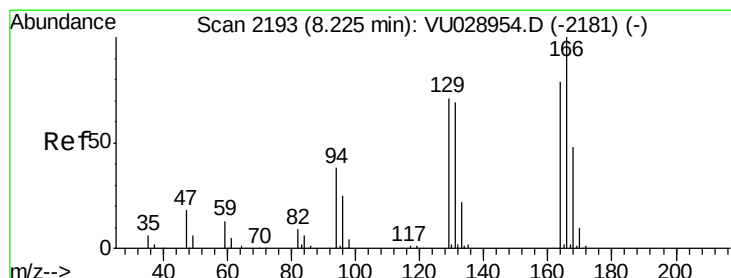
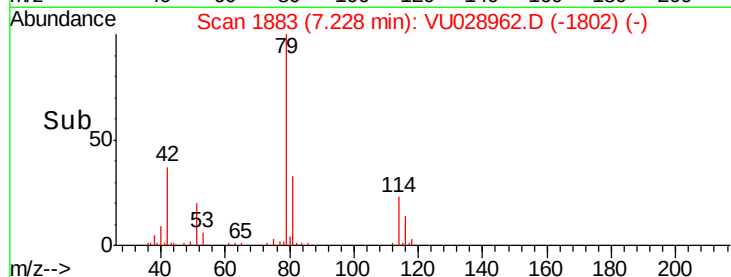
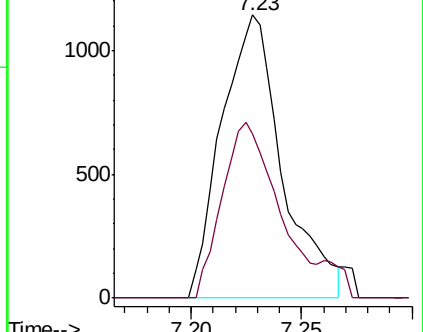
75 100

77 58.0 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU028954.D (-1874) (-)

Ion 77.00 (76.70 to 77.70): VU028954.D (-1874) (-)



#46

Tetrachloroethene

Concen: 25.044 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028962.D

Acq: 27 Dec 2018 12:20

Tgt Ion: 164 Resp: 34074

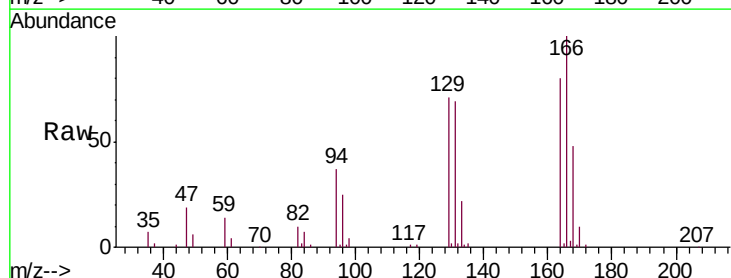
Ion Ratio Lower Upper

164 100

129 88.6 66.8 124.0

131 86.5 64.2 119.2

166 125.5 90.8 168.6

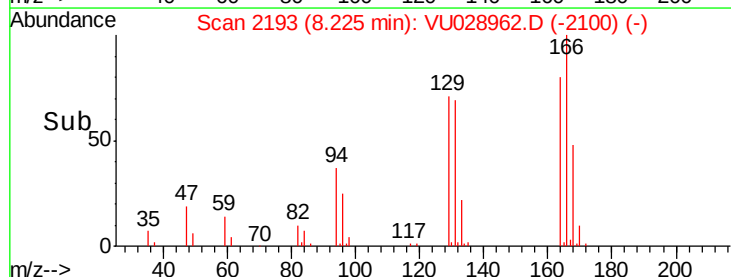
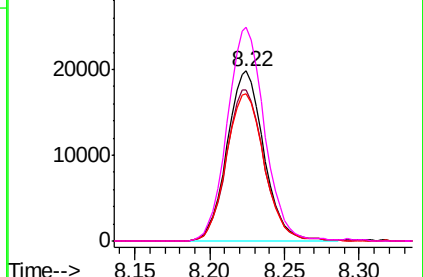


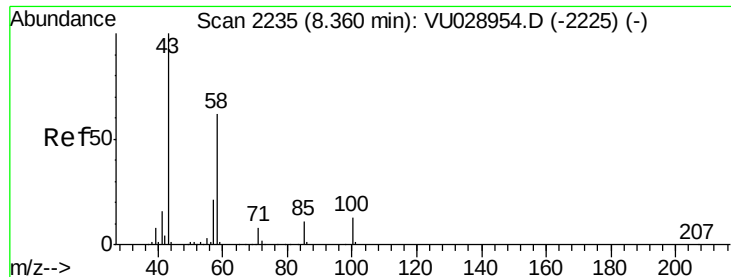
Abundance Ion 164.00 (163.70 to 164.70): VU028954.D (-2181) (-)

Ion 129.00 (128.70 to 129.70): VU028954.D (-2181) (-)

Ion 131.00 (130.70 to 131.70): VU028954.D (-2181) (-)

Ion 166.00 (165.70 to 166.70): VU028954.D (-2181) (-)

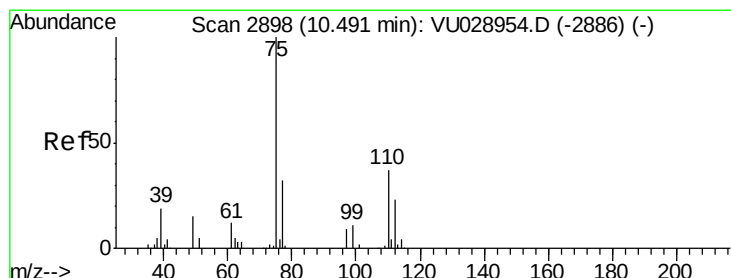
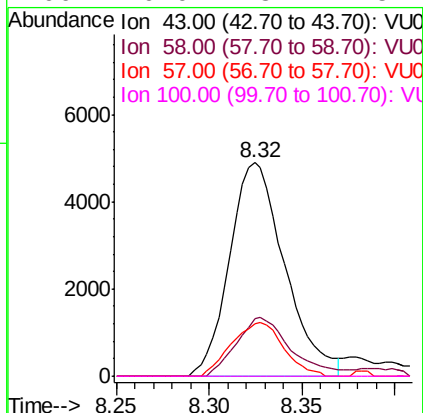
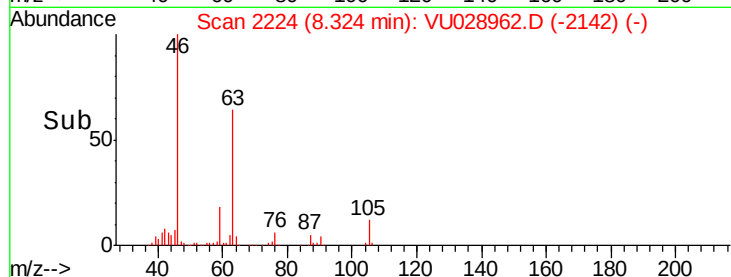
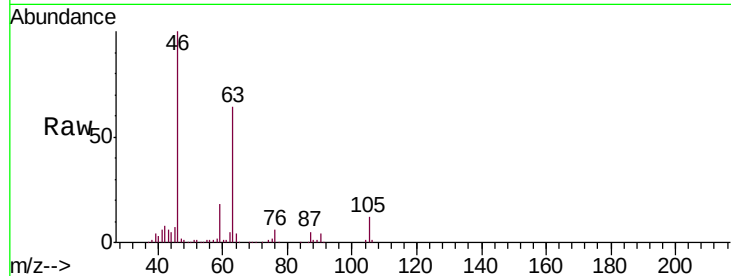




#48
2-Hexanone
Concen: 4.493 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028962.D
Acq: 27 Dec 2018 12:20

Instrument :
MSVOA_U
ClientSampleId :
BEZX6ME

Tgt Ion: 43 Resp: 10139
Ion Ratio Lower Upper
43 100
58 27.0 45.9 68.9#
57 23.8 15.0 22.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.298 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028962.D
Acq: 27 Dec 2018 12:20

Tgt Ion: 75 Resp: 12932
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3

