

Data File : VU032059.D
Acq On : 16 May 2019 19:25
Operator : JC/SP
Sample : K2850-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W00

Quant Time: May 17 07:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402143	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	153597	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.67	69	133793	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.27	63	218350	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.19	46	275242	39.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.14%
24) Chloroform-d	4.64	84	259439	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.31	65	130939	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.33	84	535726	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.32	67	156334	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.56	98	455807	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	51617	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.31	63	246735	42.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125763	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	159136	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	2668	0.132 ug/L #	75
8) Chloroethane	1.75	64	1141	0.087 ug/L #	53
12) 1,1-Dichloroethene	2.27	96	2712	0.161 ug/L #	1
13) Acetone	2.32	43	15554	6.810 ug/L	94
17) Methyl tert-butyl Ether	3.00	73	2401732	60.473 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	2070	0.114 ug/L #	67
22) cis-1,2-Dichloroethene	4.22	96	8123	0.457 ug/L	73
34) Trichloroethene	6.18	95	29799	1.779 ug/L	92
35) Methylcyclohexane	6.32	83	38631	1.602 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	17151	1.136 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3594	0.172 ug/L	84
47) Tetrachloroethene	8.22	164	29884	2.387 ug/L	95
48) 2-Hexanone	8.38	43	9433	1.738 ug/L #	78
49) Dibromochloromethane	8.22	129	28543	2.221 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	17575	1.833 ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Quantitation Report (Not Reviewed)

Data File : VU032059.D
Acq On : 16 May 2019 19:25
Operator : JC/SP
Sample : K2850-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W00

Quant Time: May 17 07:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

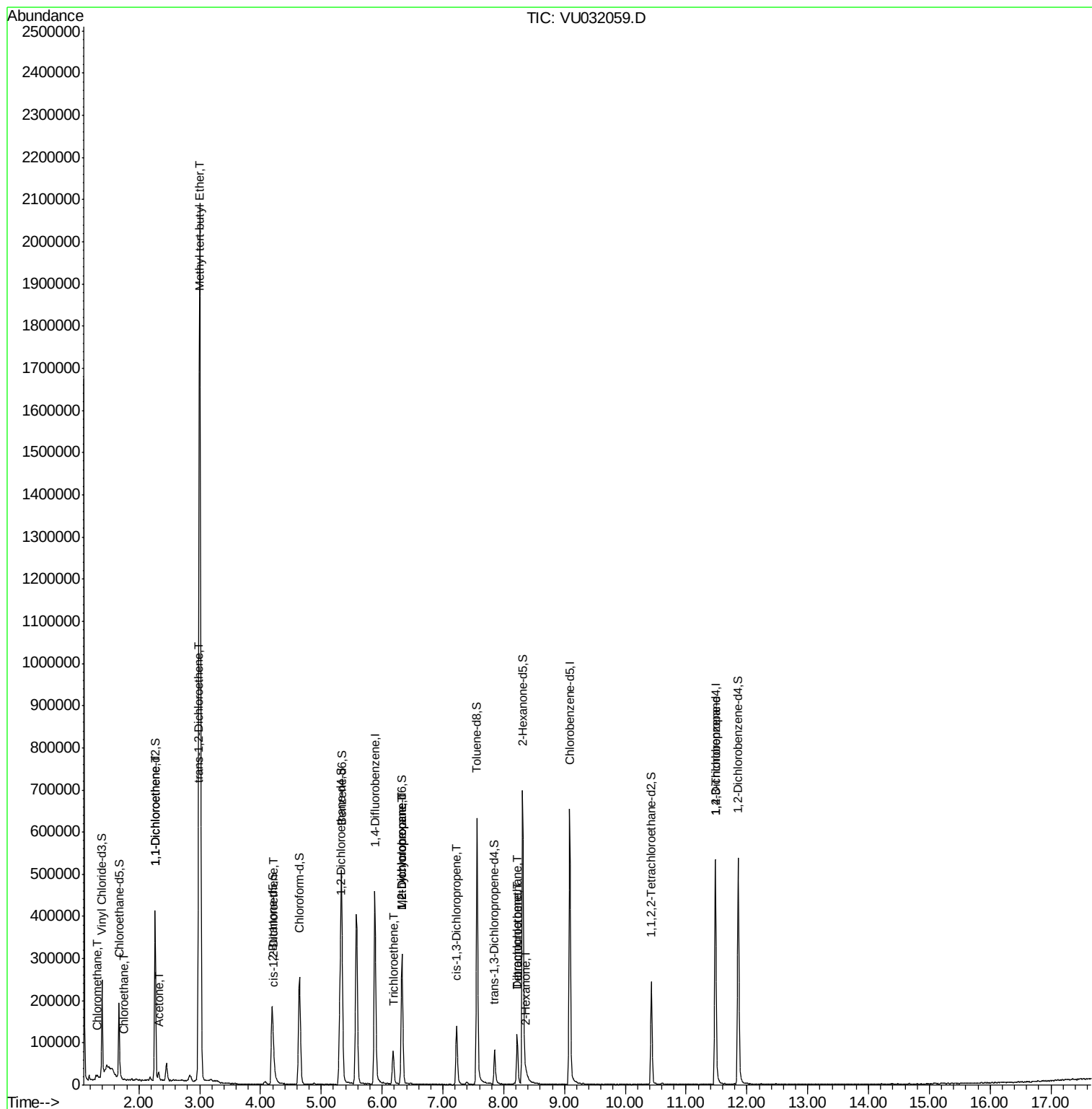
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

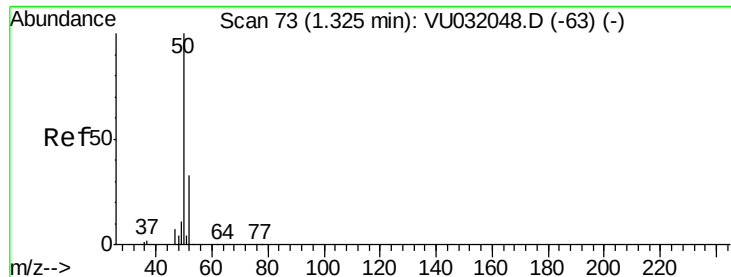
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU032059.D
Acq On : 16 May 2019 19:25
Operator : JC/SP
Sample : K2850-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W00

Quant Time: May 17 07:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032059.D

Acq: 16 May 2019 19:25

Instrument :

MSVOA_U

ClientSampled :

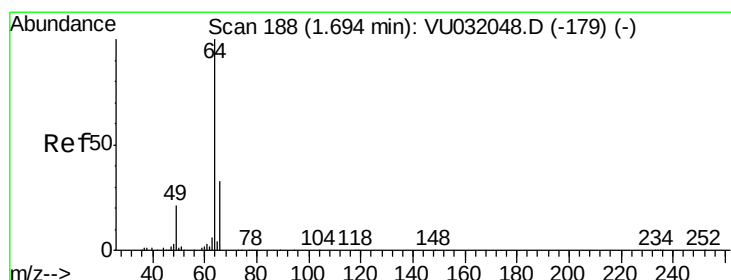
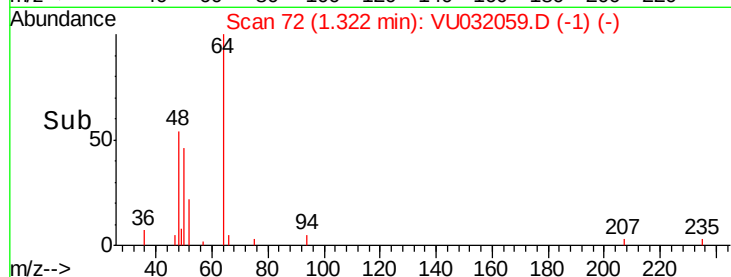
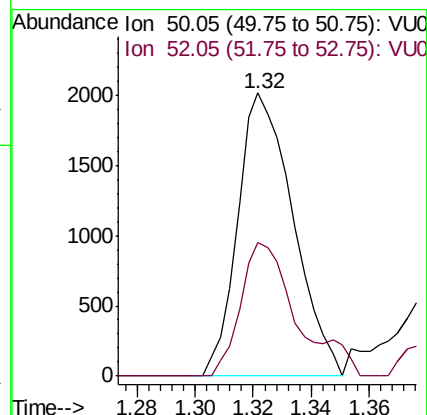
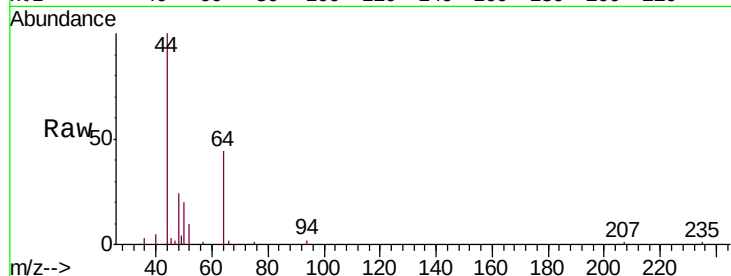
F9W00

Tgt Ion: 50 Resp: 2668

Ion Ratio Lower Upper

50 100

52 47.1 23.2 43.0#



#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.75 min Scan# 205

Delta R.T. 0.05 min

Lab File: VU032059.D

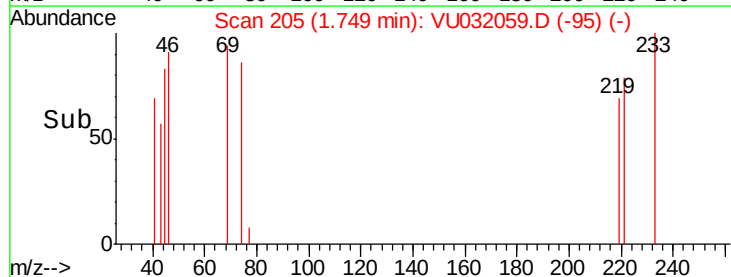
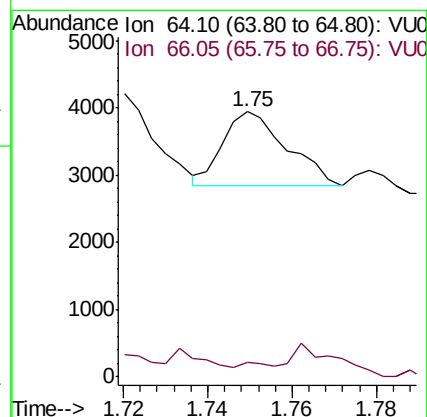
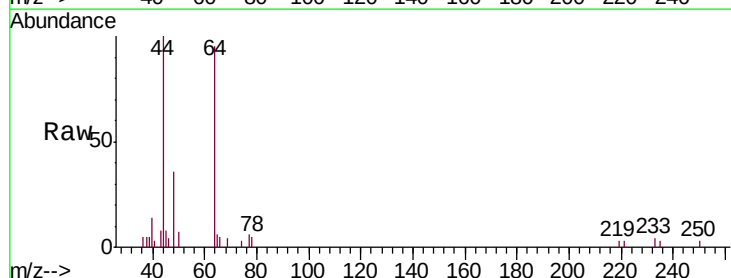
Acq: 16 May 2019 19:25

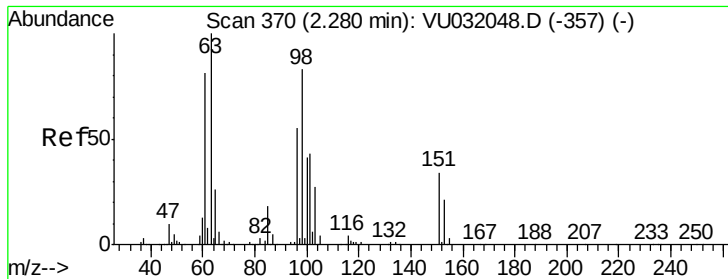
Tgt Ion: 64 Resp: 1141

Ion Ratio Lower Upper

64 100

66 5.3 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.161 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032059.D

Acq: 16 May 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

F9W00

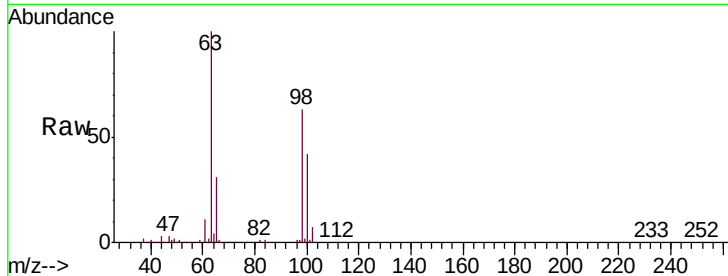
Tgt Ion: 96 Resp: 2712

Ion Ratio Lower Upper

96 100

61 901.7 111.7 207.5#

63 8449.9 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032059.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032059.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032059.D (-277) (-)

200000

150000

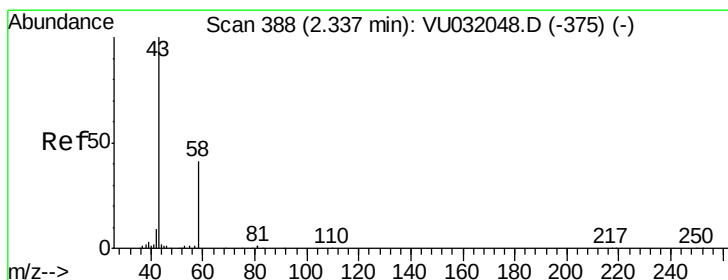
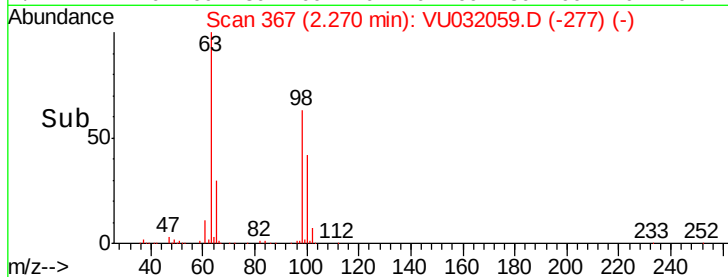
100000

50000

0

2.25 2.30 2.35

Time-->



#13

Acetone

Concen: 6.810 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032059.D

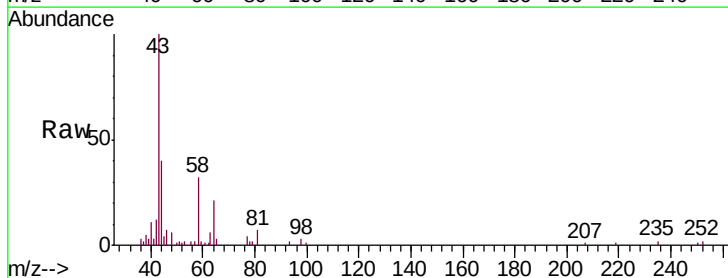
Acq: 16 May 2019 19:25

Tgt Ion: 43 Resp: 15554

Ion Ratio Lower Upper

43 100

58 35.6 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032059.D (-295) (-)

Ion 58.05 (57.75 to 58.75): VU032059.D (-295) (-)

12000

10000

8000

6000

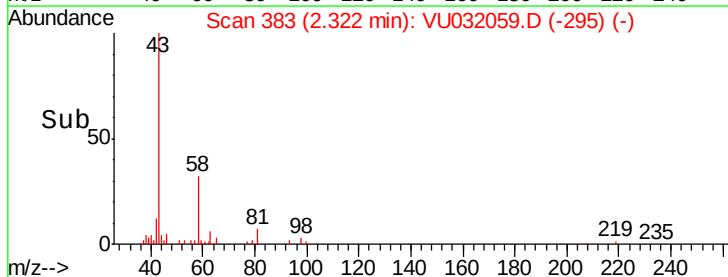
4000

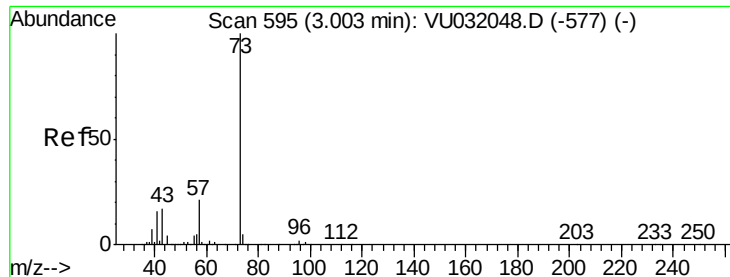
2000

0

2.30 2.35

Time-->



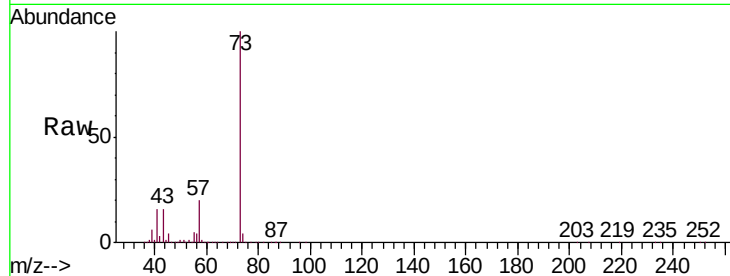


#17

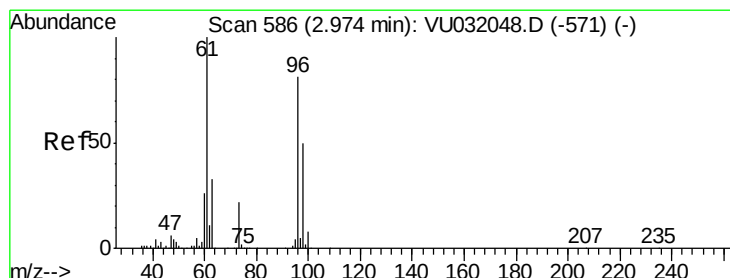
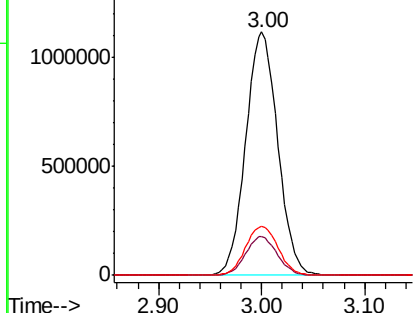
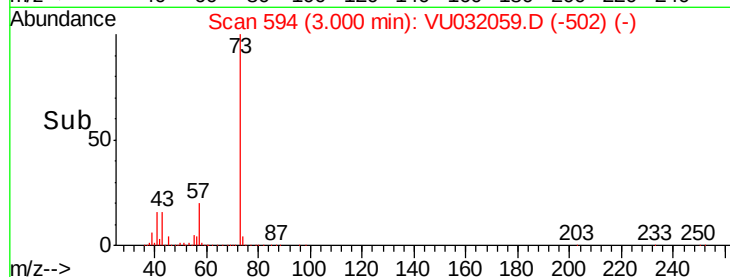
Methyl tert-butyl Ether
 Concen: 60.473 ug/L
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Instrument :
 MSVOA_U
 ClientSampled :
 F9W00

Tgt Ion: 73 Resp: 2401732
 Ion Ratio Lower Upper
 73 100
 43 16.0 13.0 19.6
 57 20.6 17.9 26.9



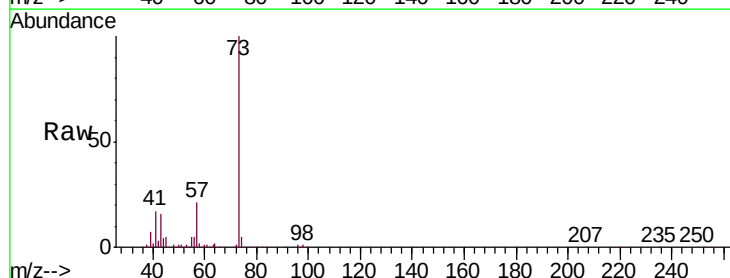
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



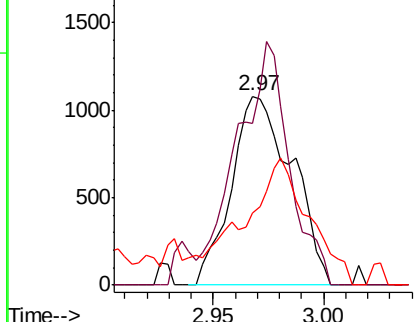
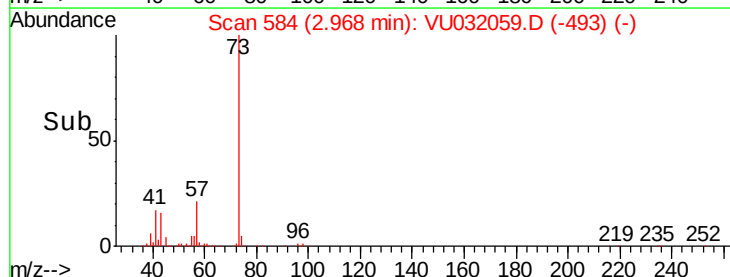
#18

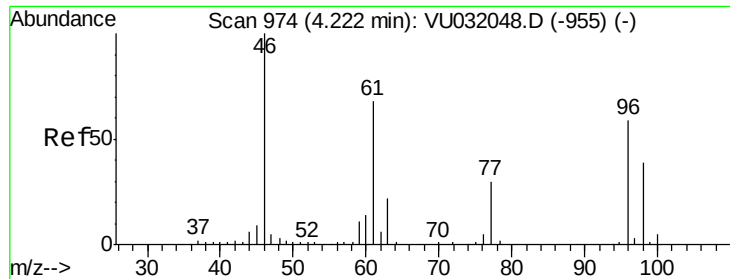
trans-1,2-Dichloroethene
 Concen: 0.114 ug/L
 RT: 2.97 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Tgt Ion: 96 Resp: 2070
 Ion Ratio Lower Upper
 96 100
 61 85.7 86.5 160.7#
 98 38.1 43.5 80.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0



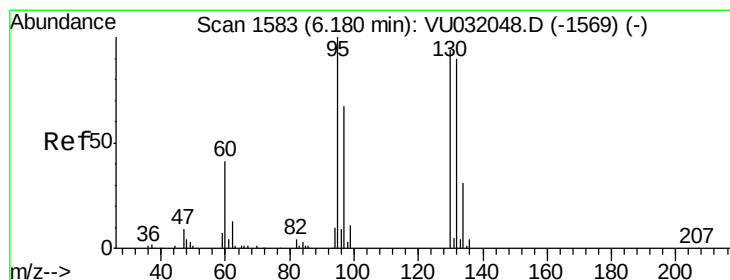
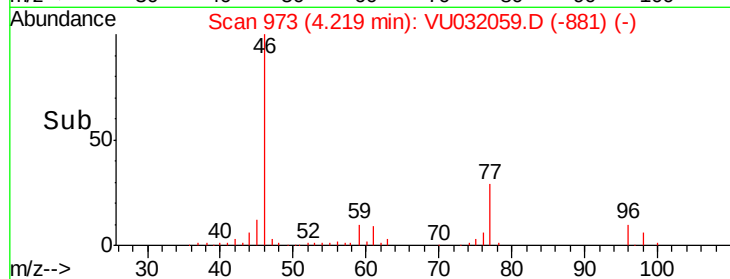
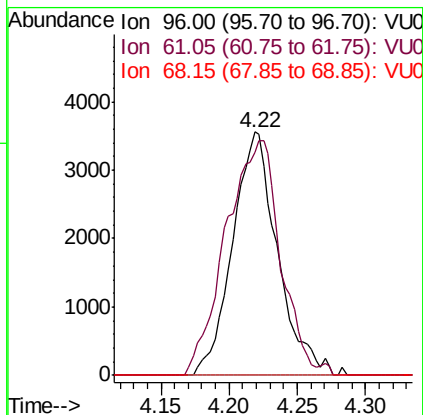
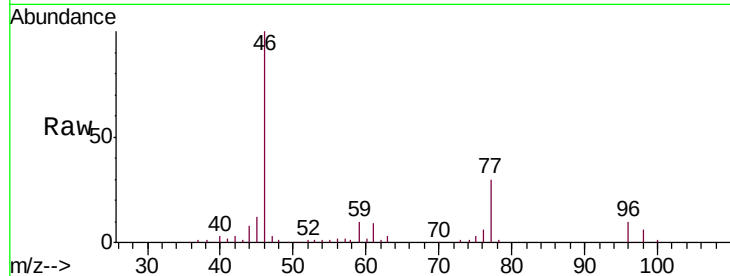


#22

cis-1,2-Dichloroethene
 Concen: 0.457 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W00

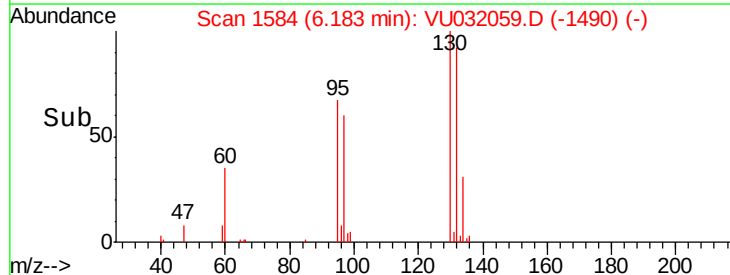
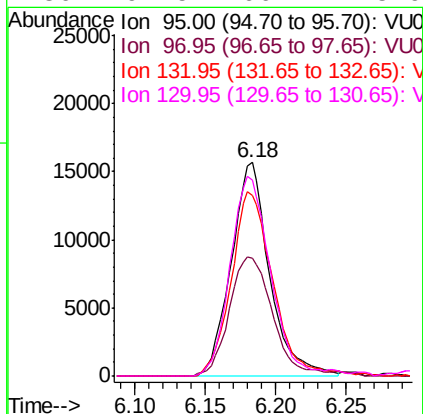
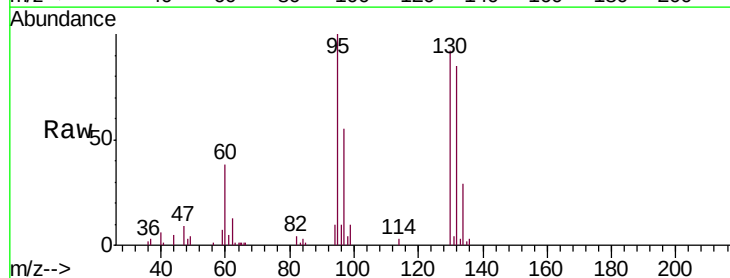
Tgt Ion: 96 Resp: 8123
 Ion Ratio Lower Upper
 96 100
 61 91.9 85.8 159.4
 68 0.0 0.0 0.0

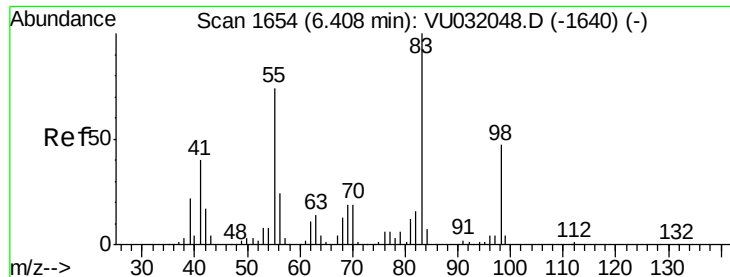


#34

Trichloroethene
 Concen: 1.779 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Tgt Ion: 95 Resp: 29799
 Ion Ratio Lower Upper
 95 100
 97 55.0 45.2 84.0
 132 84.6 66.1 122.7
 130 91.5 66.7 123.9

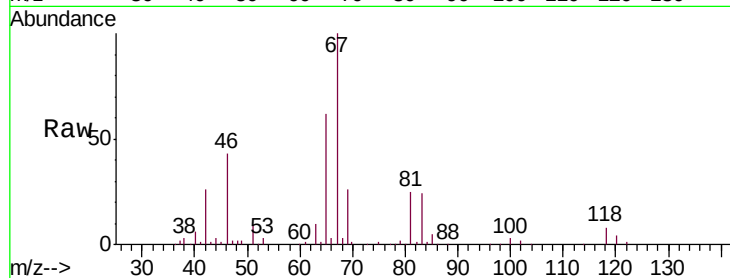




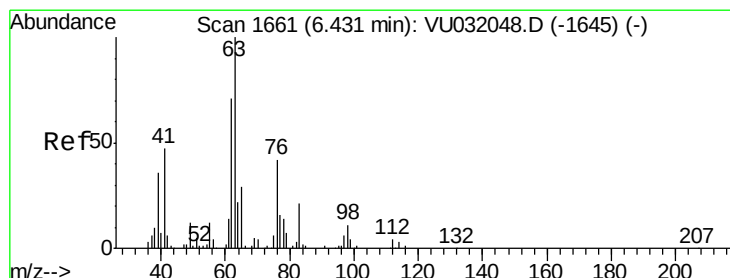
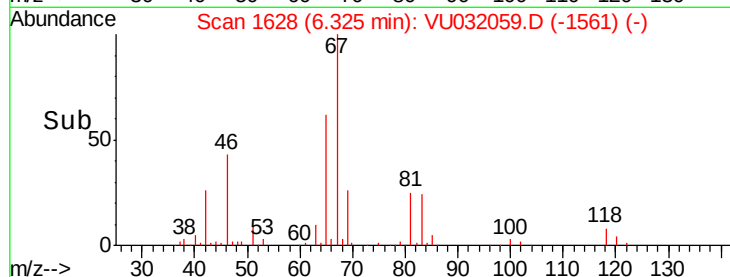
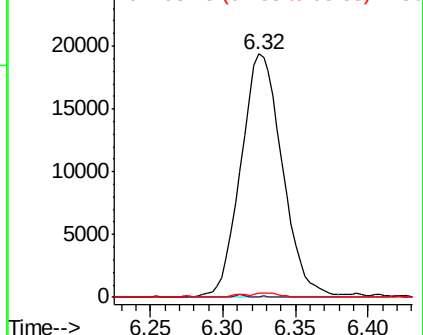
#35
Methylcyclohexane
Concen: 1.602 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032059.D
Acq: 16 May 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
F9W00

Tgt Ion: 83 Resp: 38631
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.0 36.8 55.2#

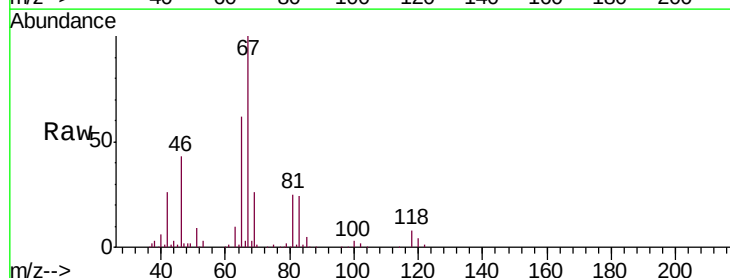


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

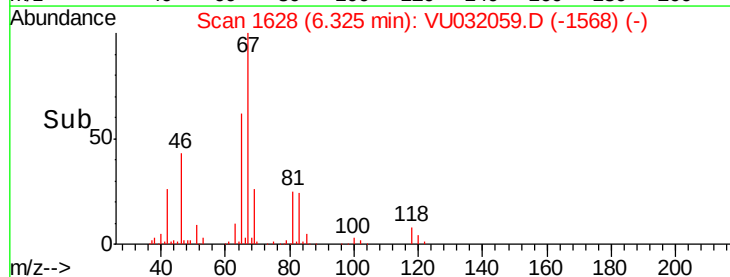
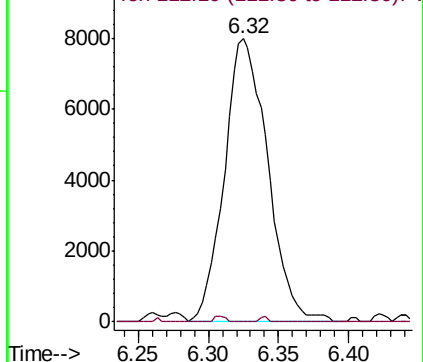


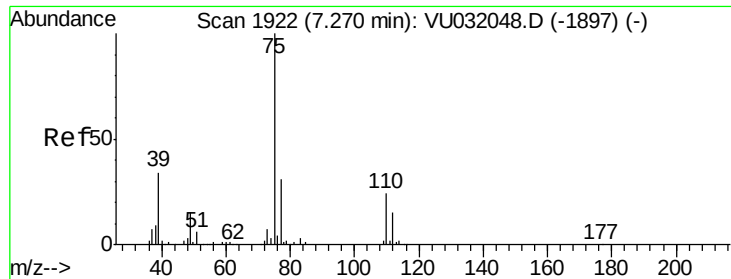
#37
1,2-Dichloropropane
Concen: 1.136 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032059.D
Acq: 16 May 2019 19:25

Tgt Ion: 63 Resp: 17151
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

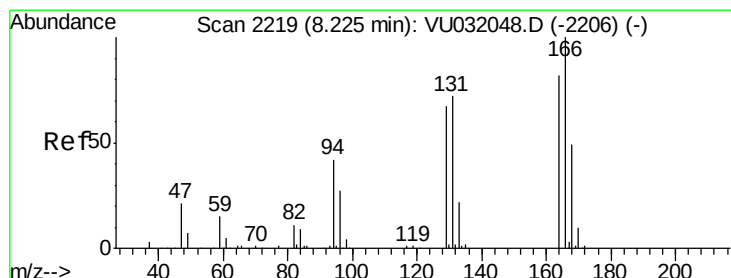
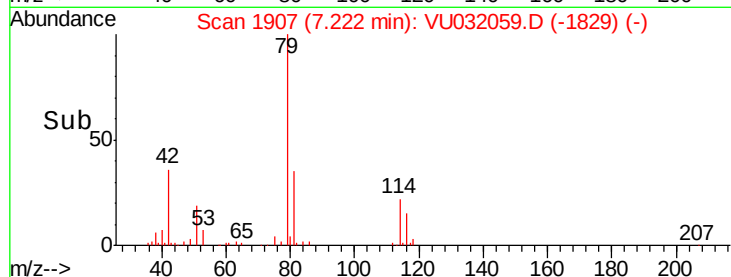
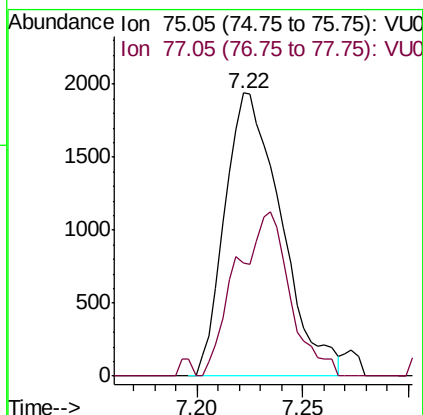
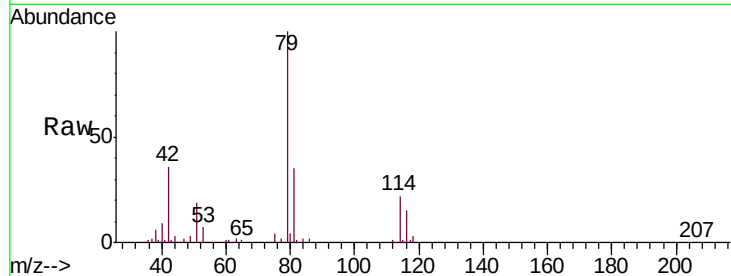




#39
 cis-1,3-Dichloropropene
 Concen: 0.172 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

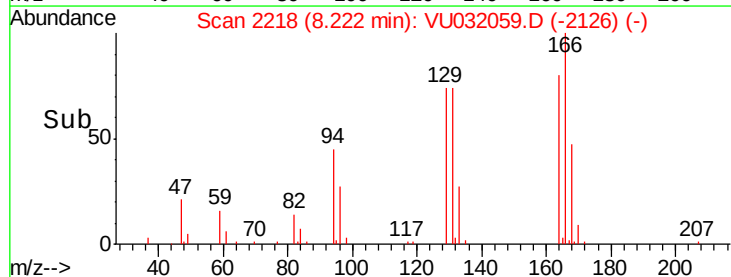
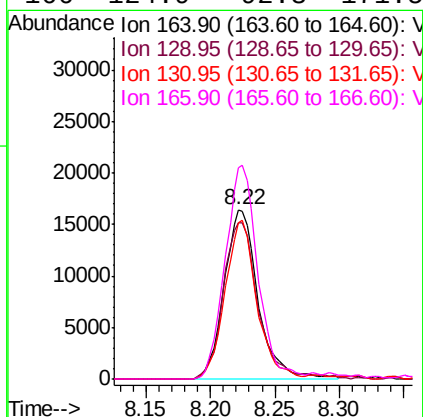
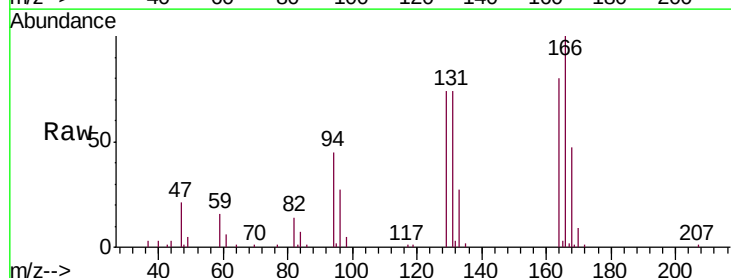
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W00

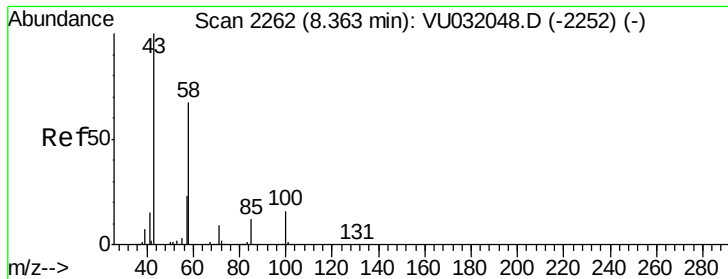
Tgt Ion: 75 Resp: 3594
 Ion Ratio Lower Upper
 75 100
 77 39.8 21.7 40.3



#47
 Tetrachloroethene
 Concen: 2.387 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Tgt Ion: 164 Resp: 29884
 Ion Ratio Lower Upper
 164 100
 129 92.7 70.3 130.5
 131 92.3 64.5 119.9
 166 124.9 92.3 171.5

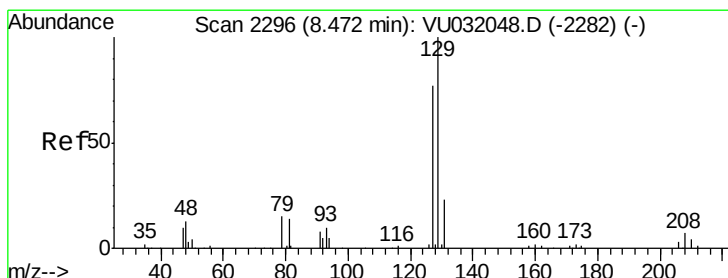
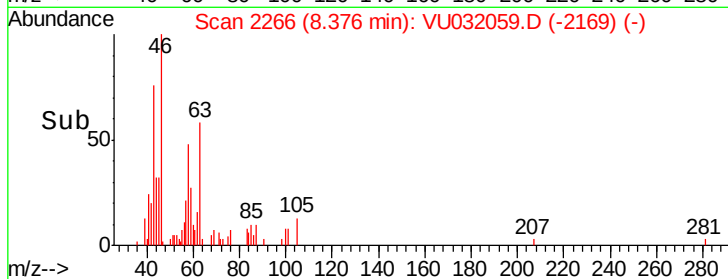
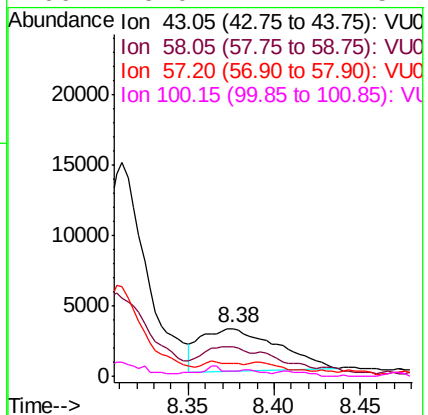
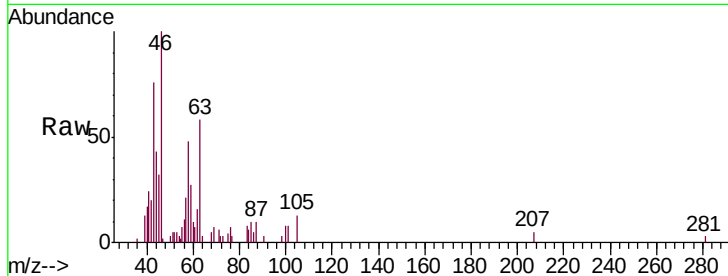




#48
2-Hexanone
Concen: 1.738 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU032059.D
Acq: 16 May 2019 19:25

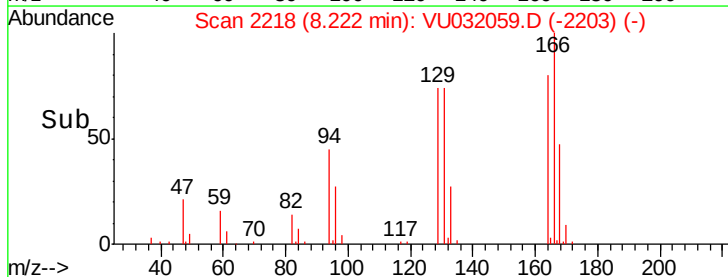
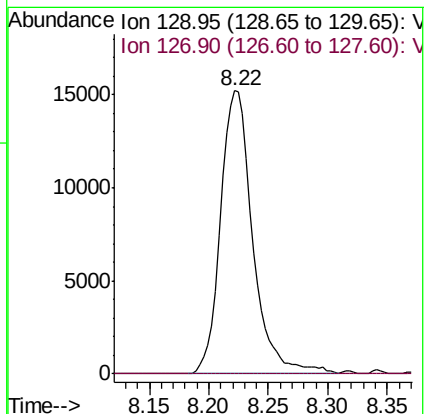
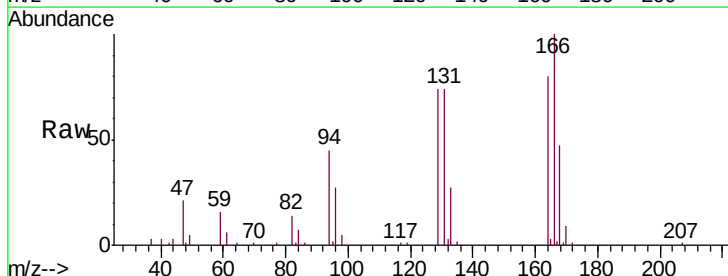
Instrument :
MSVOA_U
ClientSampleId :
F9W00

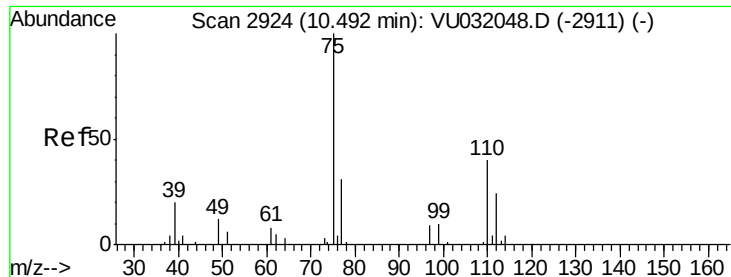
Tgt Ion: 43 Resp: 9433
Ion Ratio Lower Upper
43 100
58 50.8 51.6 77.4#
57 7.0 18.4 27.6#
100 5.0 12.2 18.4#



#49
Dibromochloromethane
Concen: 2.221 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032059.D
Acq: 16 May 2019 19:25

Tgt Ion: 129 Resp: 28543
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59
 1,2,3-Trichloropropane
 Concen: 1.833 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032059.D
 Acq: 16 May 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W00

Tgt Ion: 75 Resp: 17575
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.2

