

Data File : VU032126.D
Acq On : 18 May 2019 02:31
Operator : JC/SP
Sample : K2860-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W28

Quant Time: May 18 05:49:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	362393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110156	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.68	69	93330	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.27	63	158772	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.20	46	265836	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.64	84	225368	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	115489	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.33	84	440738	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.32	67	132075	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.56	98	365641	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	43260	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.31	63	231425	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121253	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	139589	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	2449	0.141	ug/L	95
12) 1,1-Dichloroethene	2.27	96	1695	0.116	ug/L #	1
13) Acetone	2.33	43	93701	47.625	ug/L	99
15) Methyl Acetate	2.33	43	70794	12.549	ug/L #	42
17) Methyl tert-butyl Ether	3.00	73	353933	10.345	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	1947	0.127	ug/L	75
27) 1,2-Dichloroethane	5.33	62	2308	0.151	ug/L #	73
34) Trichloroethene	6.18	95	7627	0.498	ug/L	90
35) Methylcyclohexane	6.32	83	32190	1.460	ug/L #	21
37) 1,2-Dichloropropane	6.32	63	13956	1.011	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2802	0.147	ug/L #	40
47) Tetrachloroethene	8.22	164	20973	1.832	ug/L	93
48) 2-Hexanone	8.37	43	8413	1.695	ug/L #	86
49) Dibromochloromethane	8.22	129	19388	1.650	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14101	1.609	ug/L #	77

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\
Quantitation Report (Not Reviewed)

Data File : VU032126.D
Acq On : 18 May 2019 02:31
Operator : JC/SP
Sample : K2860-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W28

Quant Time: May 18 05:49:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

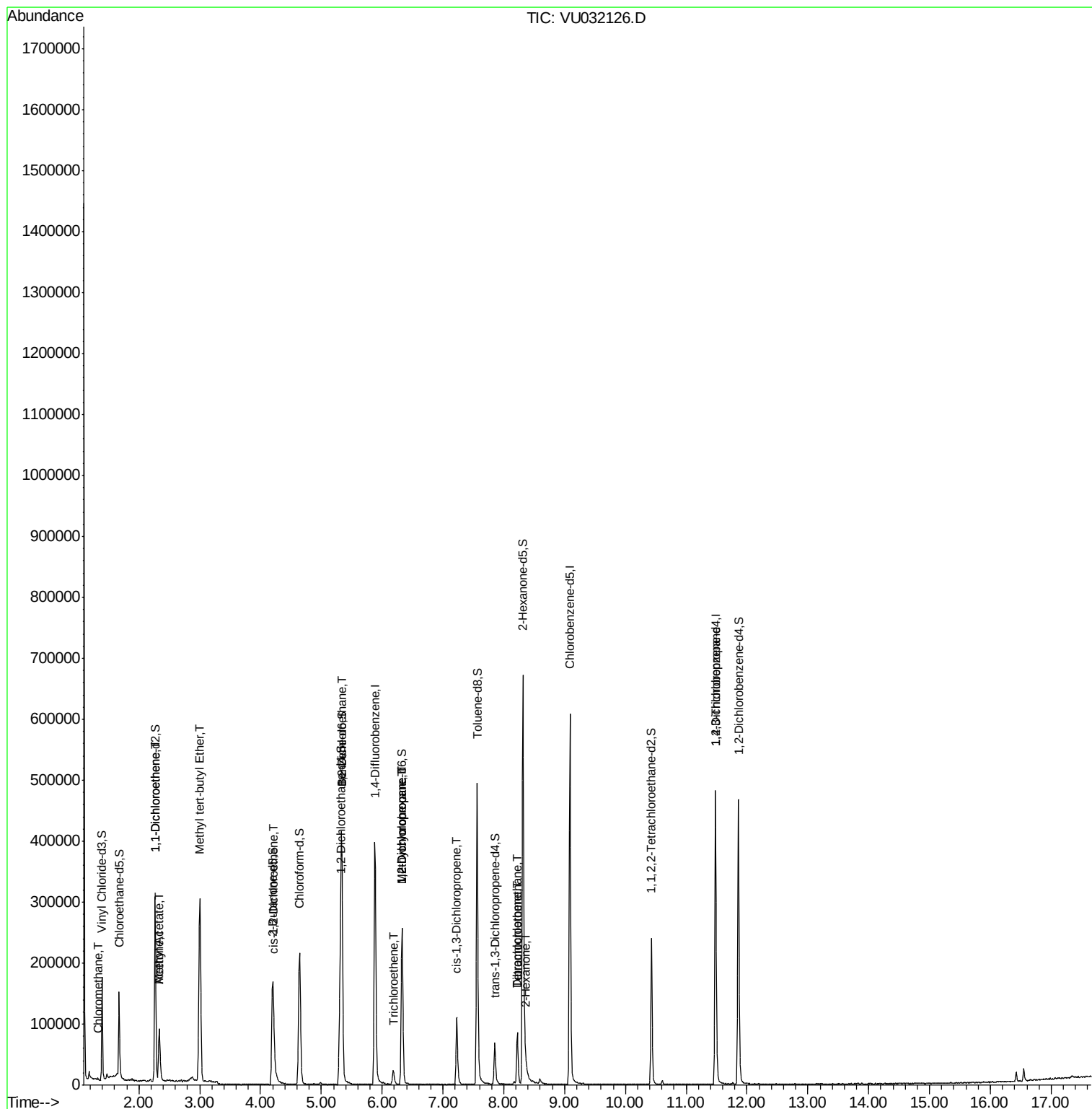
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

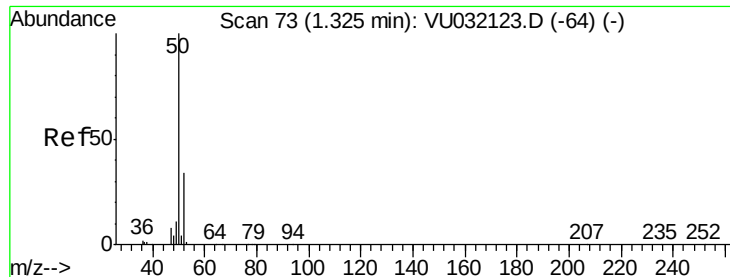
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU032126.D
Acq On : 18 May 2019 02:31
Operator : JC/SP
Sample : K2860-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W28

Quant Time: May 18 05:49:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampleId :

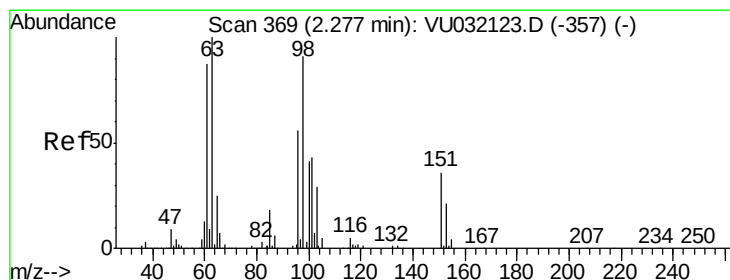
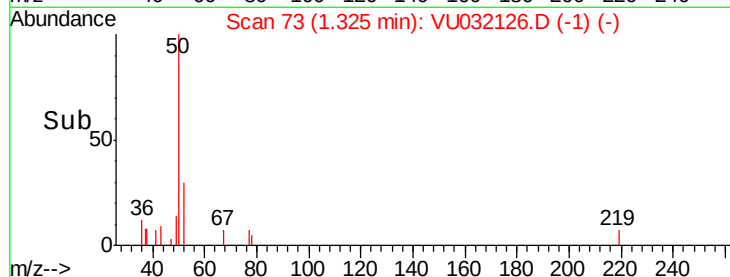
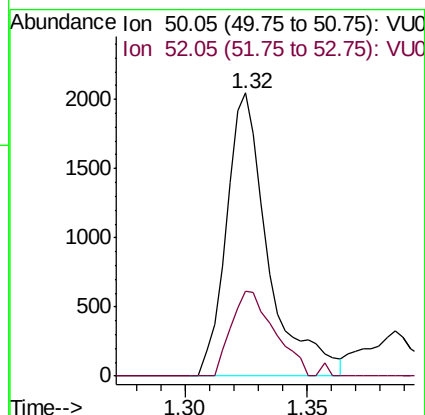
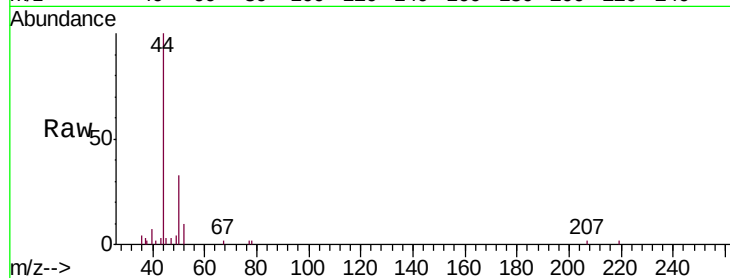
F9W28

Tgt Ion: 50 Resp: 2449

Ion Ratio Lower Upper

50 100

52 30.3 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

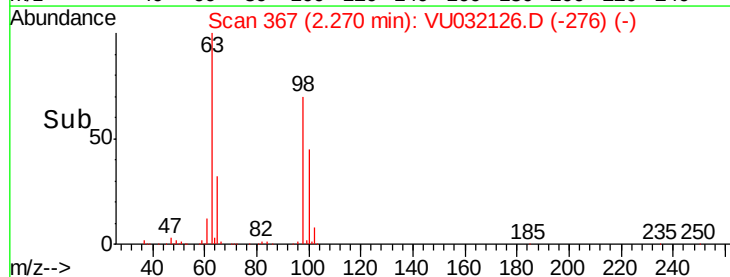
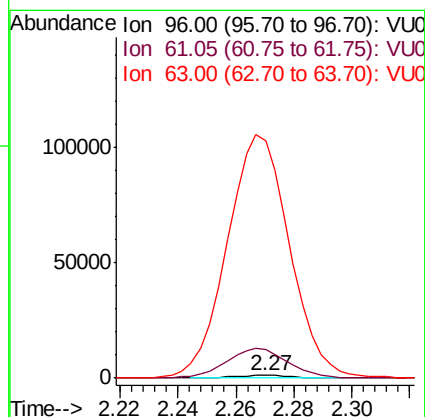
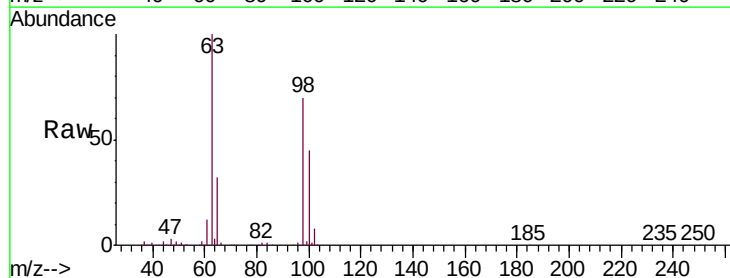
Tgt Ion: 96 Resp: 1695

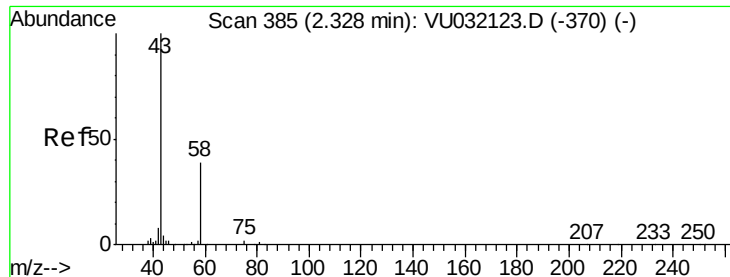
Ion Ratio Lower Upper

96 100

61 1009.0 111.7 207.5#

63 8486.4 152.2 282.6#





#13

Acetone

Concen: 47.625 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampleId :

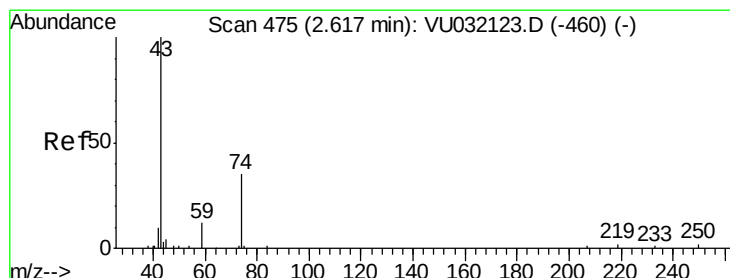
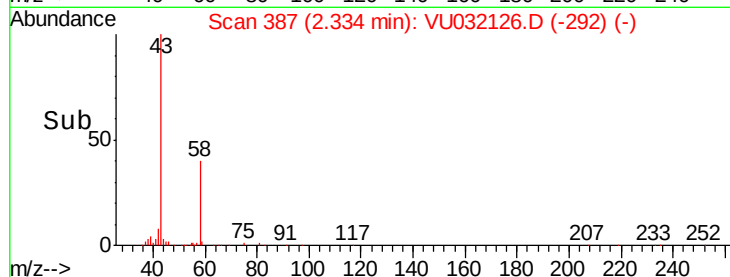
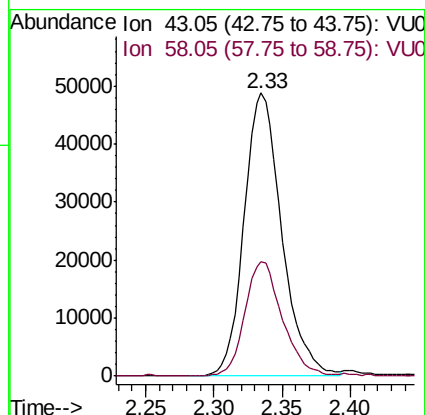
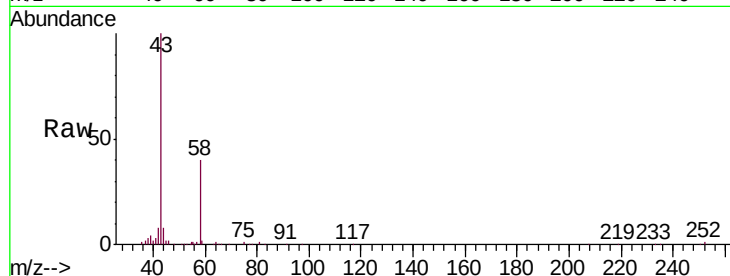
F9W28

Tgt Ion: 43 Resp: 93701

Ion Ratio Lower Upper

43 100

58 40.1 0.0 78.8



#15

Methyl Acetate

Concen: 12.549 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.28 min

Lab File: VU032126.D

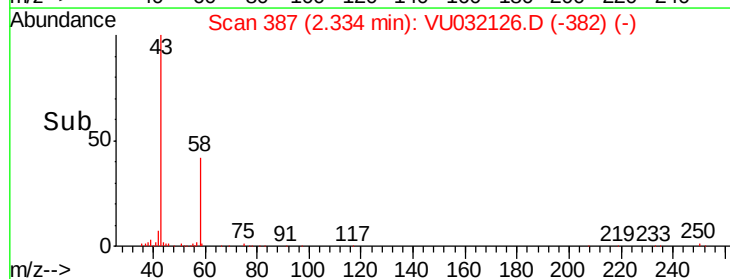
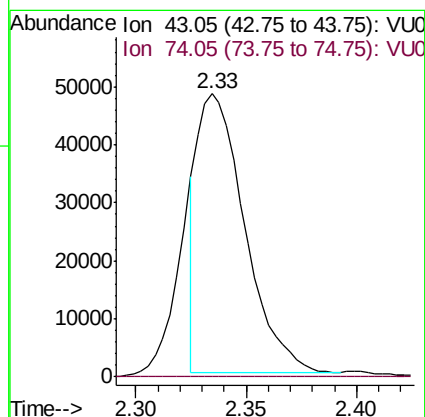
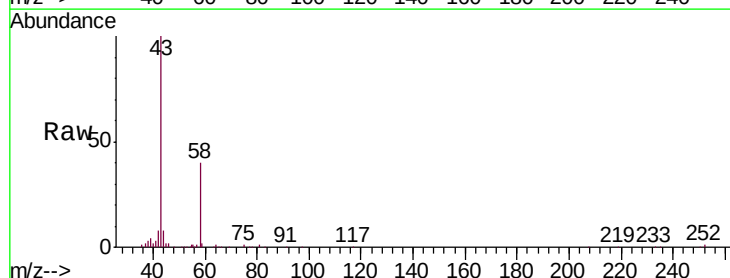
Acq: 18 May 2019 02:31

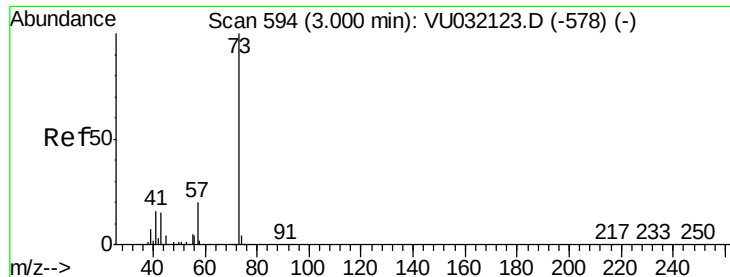
Tgt Ion: 43 Resp: 70794

Ion Ratio Lower Upper

43 100

74 0.1 26.4 39.6#





#17

Methyl tert-butyl Ether

Concen: 10.345 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampleId :

F9W28

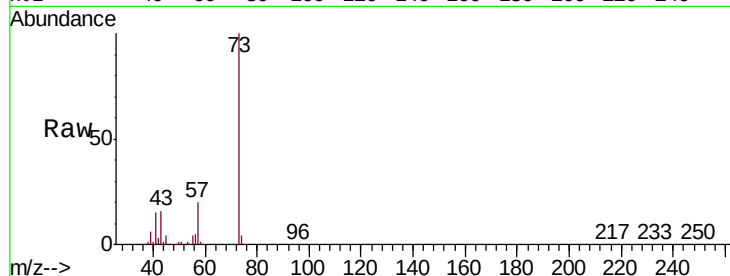
Tgt Ion: 73 Resp: 353933

Ion Ratio Lower Upper

73 100

43 15.5 13.0 19.6

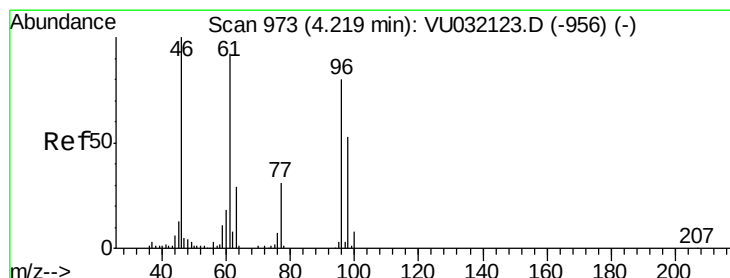
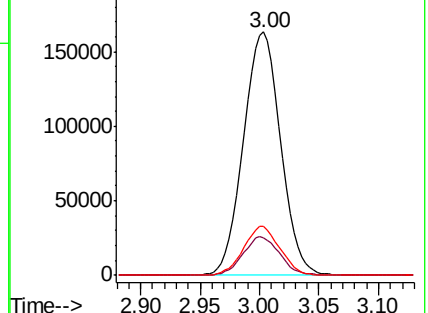
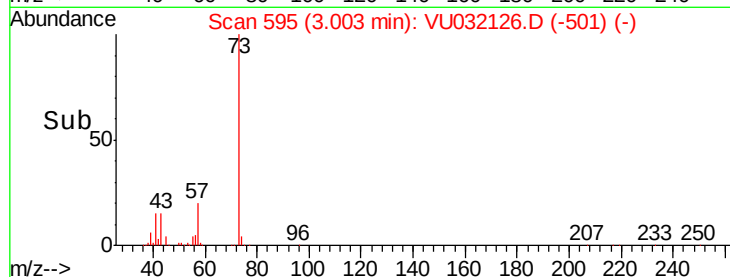
57 19.7 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032126.D (-501) (-)

Ion 43.05 (42.75 to 43.75): VU032126.D (-501) (-)

Ion 57.10 (56.80 to 57.80): VU032126.D (-501) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

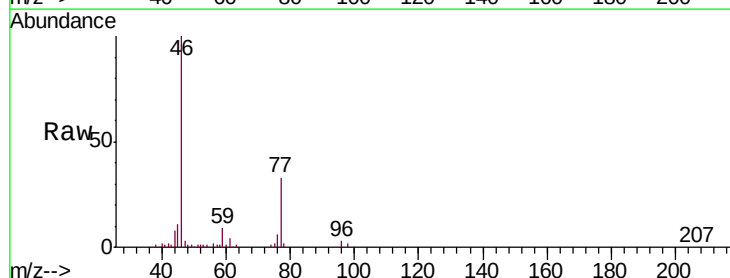
Tgt Ion: 96 Resp: 1947

Ion Ratio Lower Upper

96 100

61 151.1 85.8 159.4

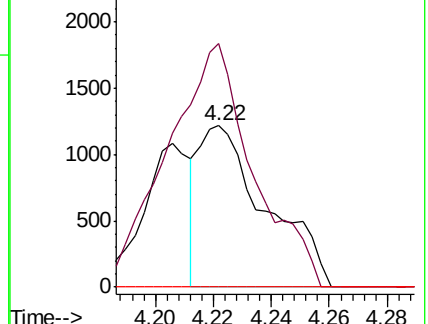
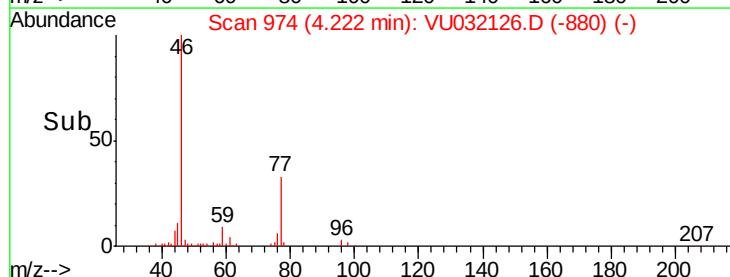
68 0.0 0.0 0.0

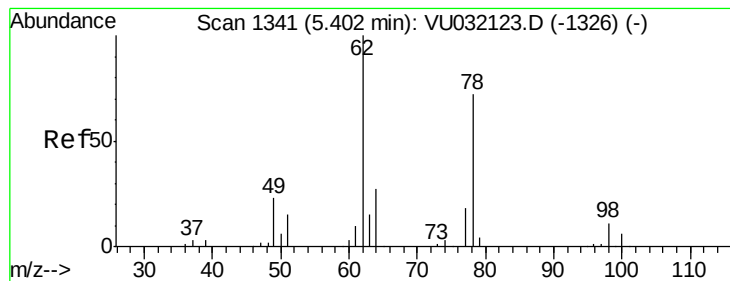


Abundance Ion 96.00 (95.70 to 96.70): VU032126.D (-880) (-)

Ion 61.05 (60.75 to 61.75): VU032126.D (-880) (-)

Ion 68.15 (67.85 to 68.85): VU032126.D (-880) (-)





#27

1,2-Dichloroethane

Concen: 0.151 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampled :

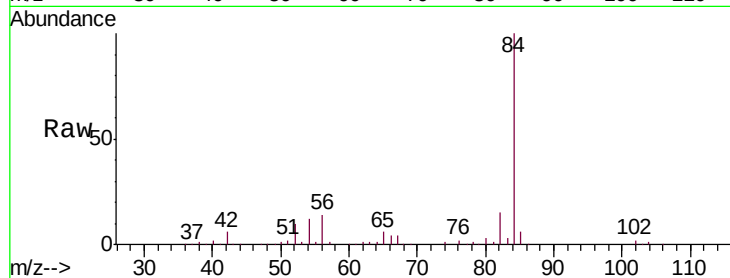
F9W28

Tgt Ion: 62 Resp: 2308

Ion Ratio Lower Upper

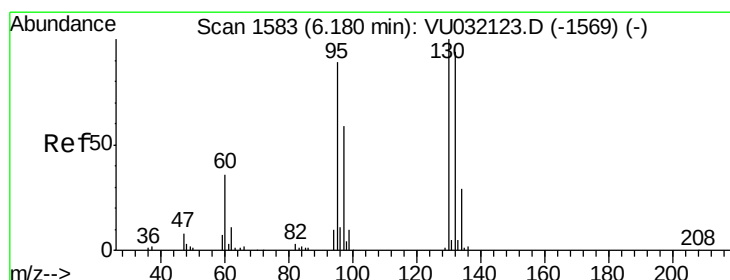
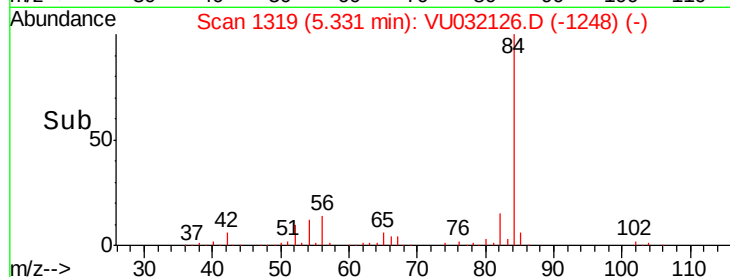
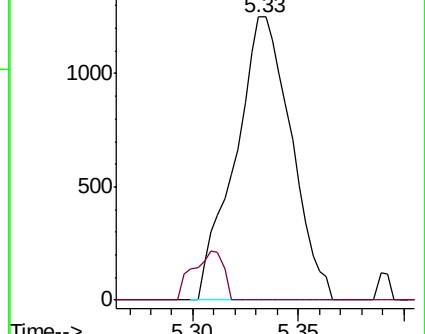
62 100

98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032126.D (-1326) (-)

Ion 98.05 (97.75 to 98.75): VU032126.D (-1326) (-)



#34

Trichloroethene

Concen: 0.498 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Tgt Ion: 95 Resp: 7627

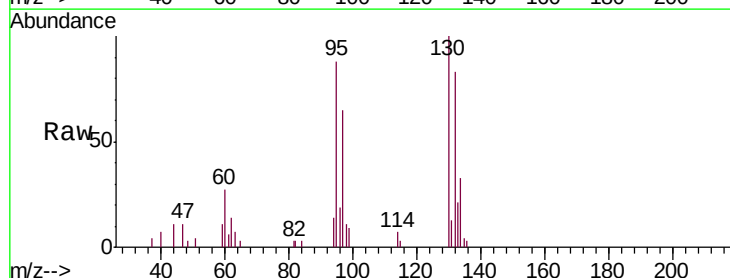
Ion Ratio Lower Upper

95 100

97 73.7 45.2 84.0

132 94.6 66.1 122.7

130 114.1 66.7 123.9

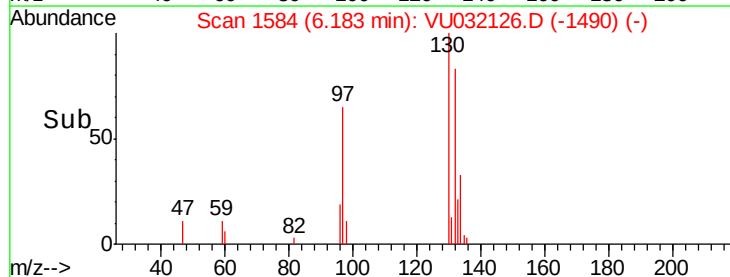
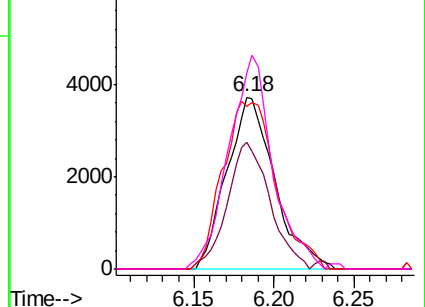


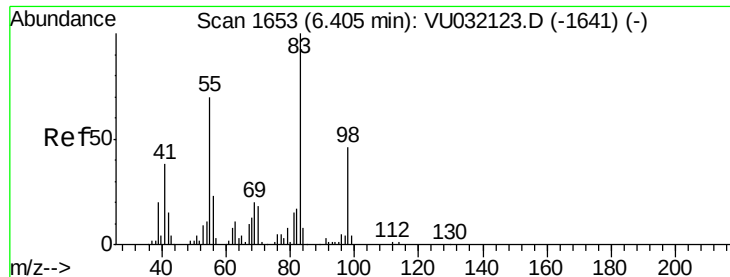
Abundance Ion 95.00 (94.70 to 95.70): VU032126.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU032126.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU032126.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU032126.D (-1490) (-)

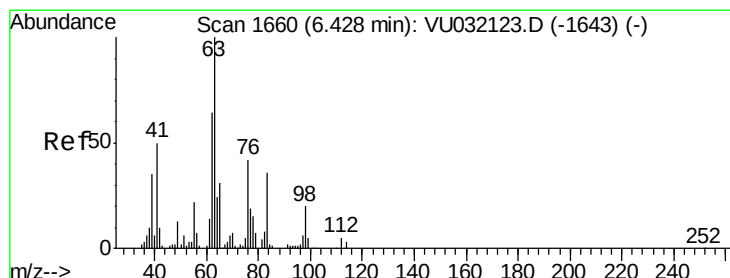
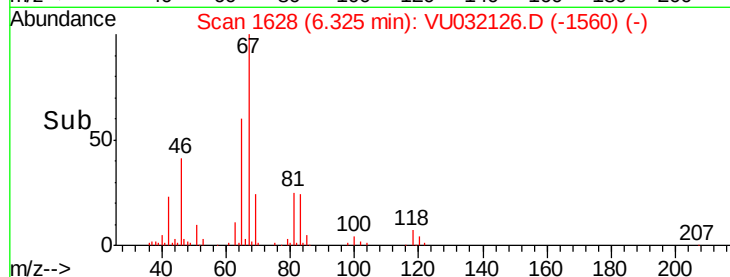
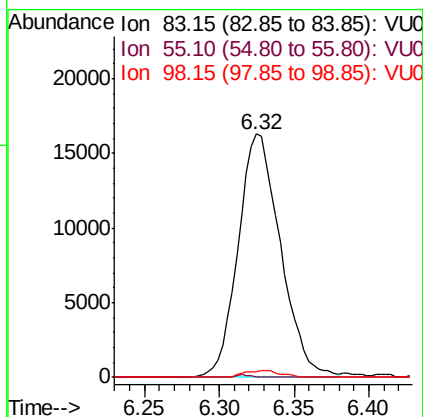
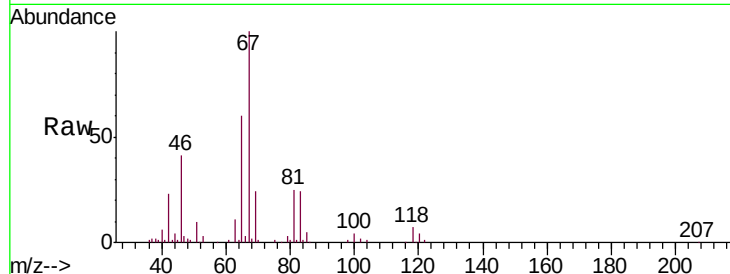




#35
Methylcyclohexane
Concen: 1.460 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032126.D
Acq: 18 May 2019 02:31

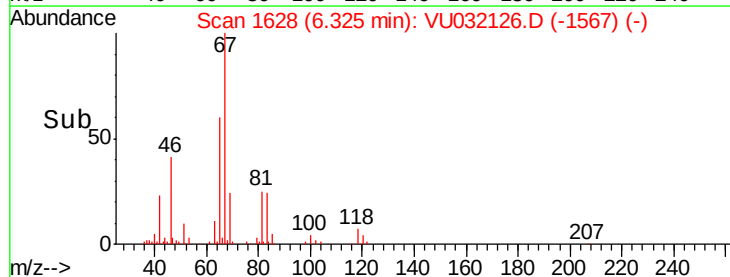
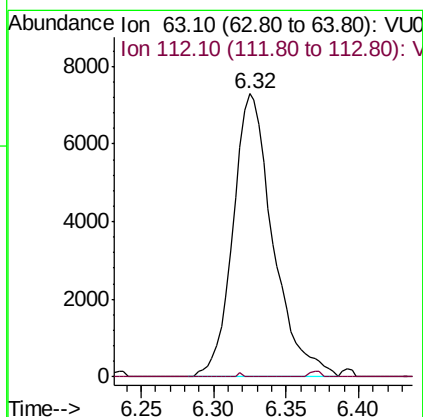
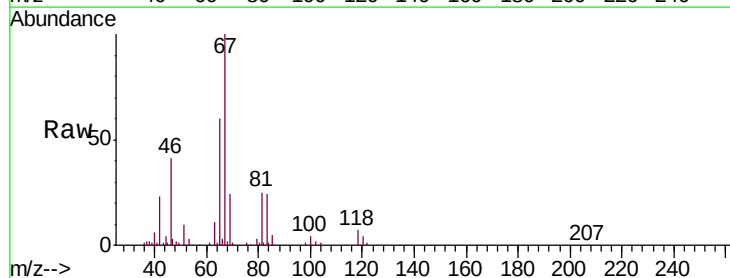
Instrument :
MSVOA_U
ClientSampleId :
F9W28

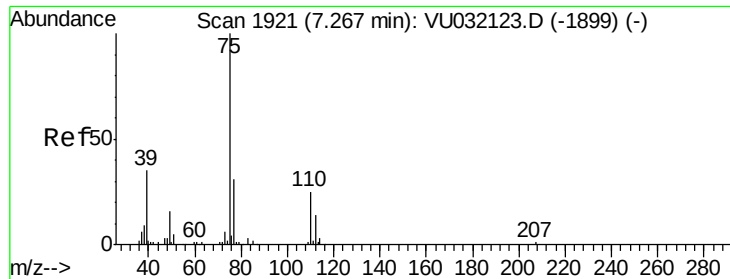
Tgt Ion: 83 Resp: 32190
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 2.4 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.011 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032126.D
Acq: 18 May 2019 02:31

Tgt Ion: 63 Resp: 13956
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampleId :

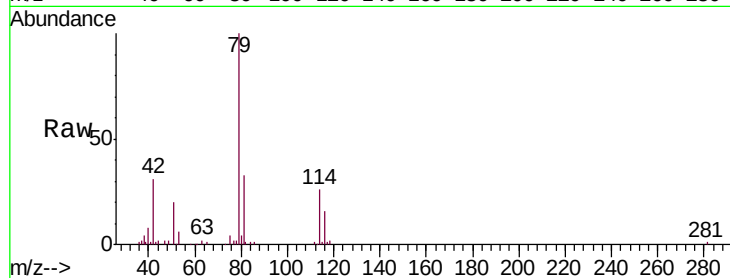
F9W28

Tgt Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

77 64.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.23

1500

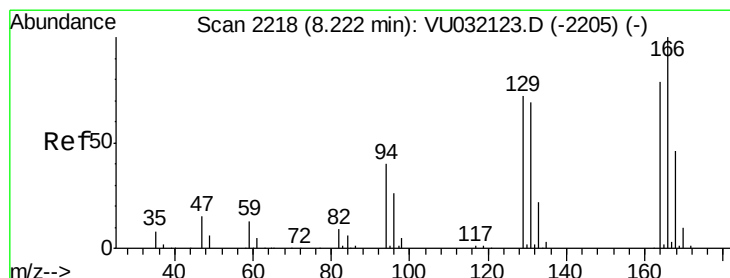
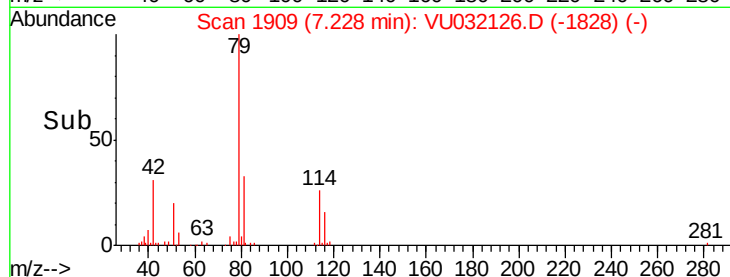
1000

500

0

7.20 7.25

Time-->



#47

Tetrachloroethene

Concen: 1.832 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Tgt Ion: 164 Resp: 20973

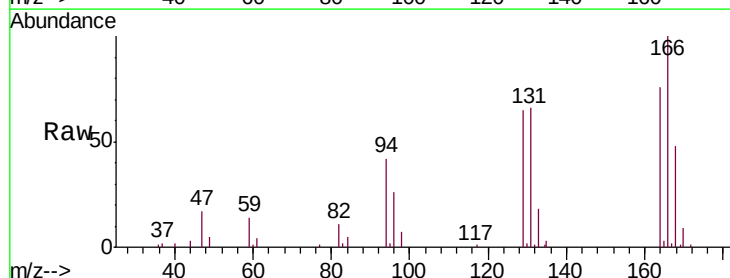
Ion Ratio Lower Upper

164 100

129 85.8 70.3 130.5

131 86.4 64.5 119.9

166 131.0 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

25000

20000

15000

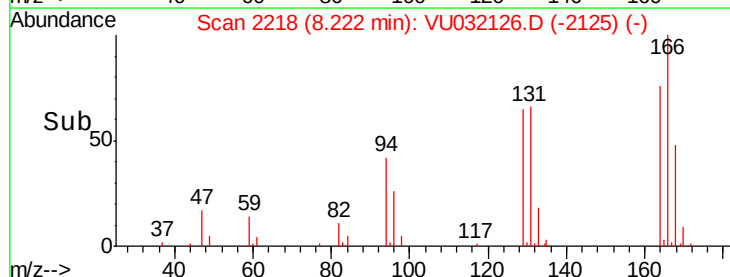
10000

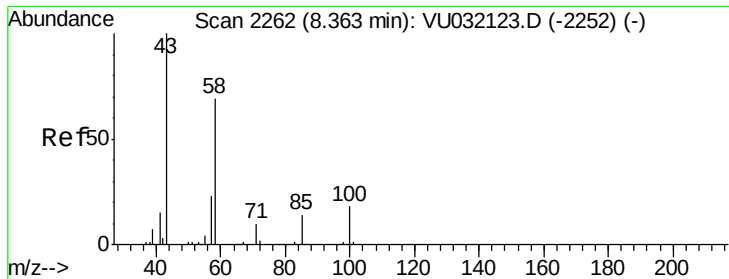
5000

0

8.15 8.20 8.25

Time-->

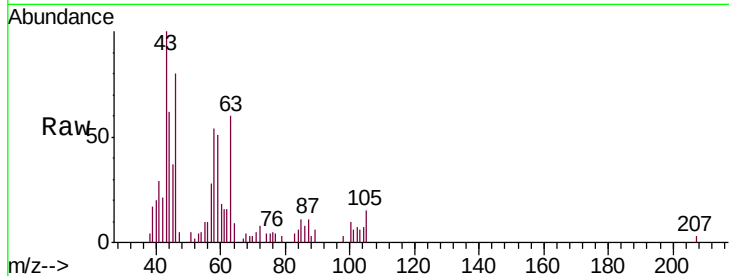




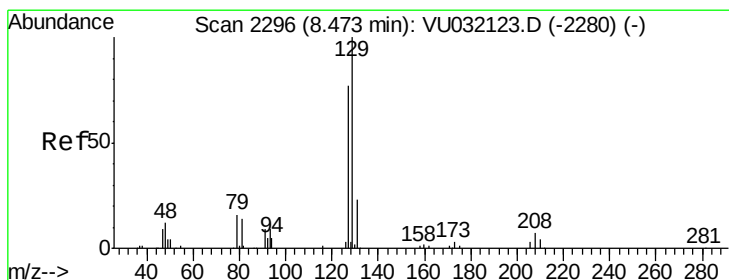
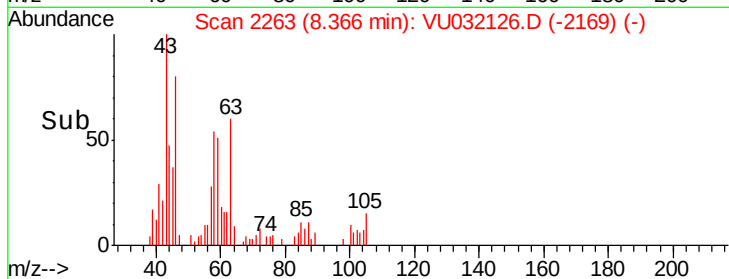
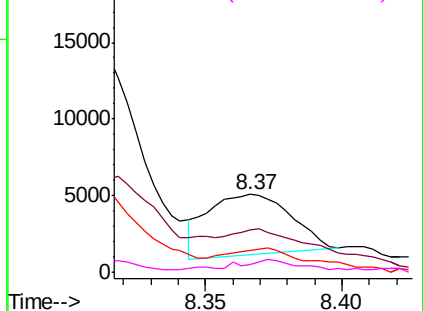
#48
 2-Hexanone
 Concen: 1.695 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032126.D
 Acq: 18 May 2019 02:31

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W28

Tgt Ion: 43 Resp: 8413
 Ion Ratio Lower Upper
 43 100
 58 70.4 51.6 77.4
 57 41.9 18.4 27.6#
 100 15.7 12.2 18.4

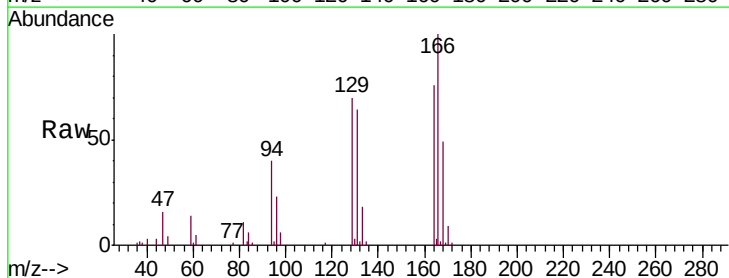


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

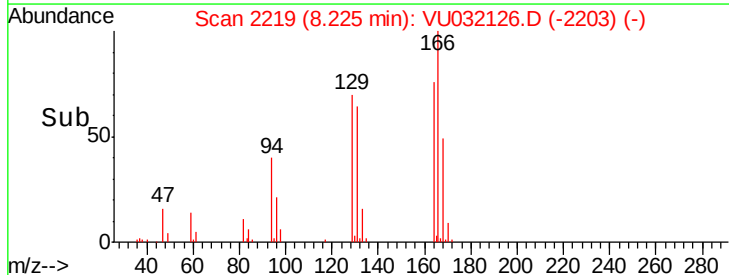
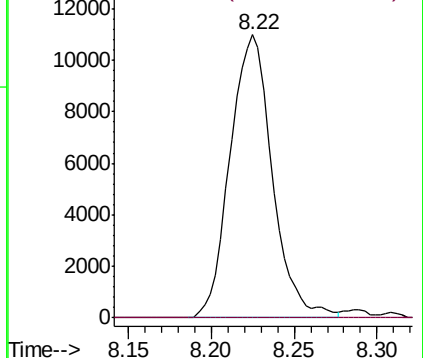


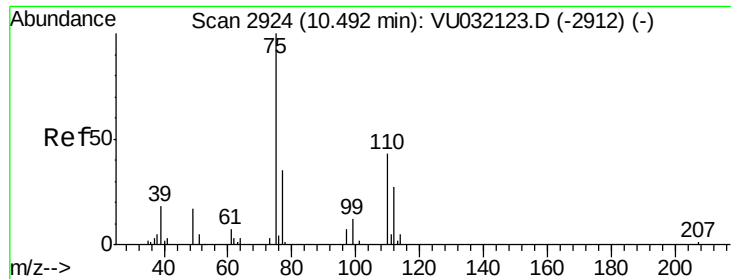
#49
 Dibromochloromethane
 Concen: 1.650 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.25 min
 Lab File: VU032126.D
 Acq: 18 May 2019 02:31

Tgt Ion: 129 Resp: 19388
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.6#



Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.609 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032126.D
 Acq: 18 May 2019 02:31

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W28

Tgt Ion: 75 Resp: 14101
 Ion Ratio Lower Upper
 75 100
 77 45.7 26.2 39.2#

