

Data File : VU032133.D
Acq On : 18 May 2019 05:26
Operator : JC/SP
Sample : K2860-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W35

Quant Time: May 18 05:50:41 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	357602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	366615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108478	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.68	69	93529	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.27	63	154948	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	231531	39.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.30%
24) Chloroform-d	4.64	84	221602	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.31	65	109336	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	439602	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.33	67	125627	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.56	98	357518	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.85	79	40381	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	191806	36.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109933	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	140759	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	3111	0.181 ug/L #	82
12) 1,1-Dichloroethene	2.27	96	1653	0.115 ug/L #	1
13) Acetone	2.34	43	45348	23.358 ug/L	99
15) Methyl Acetate	2.34	43	38760	6.963 ug/L #	42
16) Methylene chloride	2.69	84	2243	0.131 ug/L	78
18) trans-1,2-Dichloroethene	2.97	96	2952	0.192 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	6064	0.401 ug/L	100
23) Bromochloromethane	4.54	128	1118	0.172 ug/L	85
25) Chloroform	4.67	83	42868	1.644 ug/L	99
34) Trichloroethene	6.18	95	18456	1.209 ug/L	86
35) Methylcyclohexane	6.33	83	31938	1.452 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	12941	0.940 ug/L #	89
38) Bromodichloromethane	6.75	83	62886	3.572 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	2759	0.145 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	1451	0.098 ug/L #	78
47) Tetrachloroethene	8.22	164	6170	0.541 ug/L	92
48) 2-Hexanone	8.36	43	8172	1.651 ug/L #	83

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

Data File : VU032133.D
Acq On : 18 May 2019 05:26
Operator : JC/SP
Sample : K2860-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W35

Quant Time: May 18 05:50:41 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

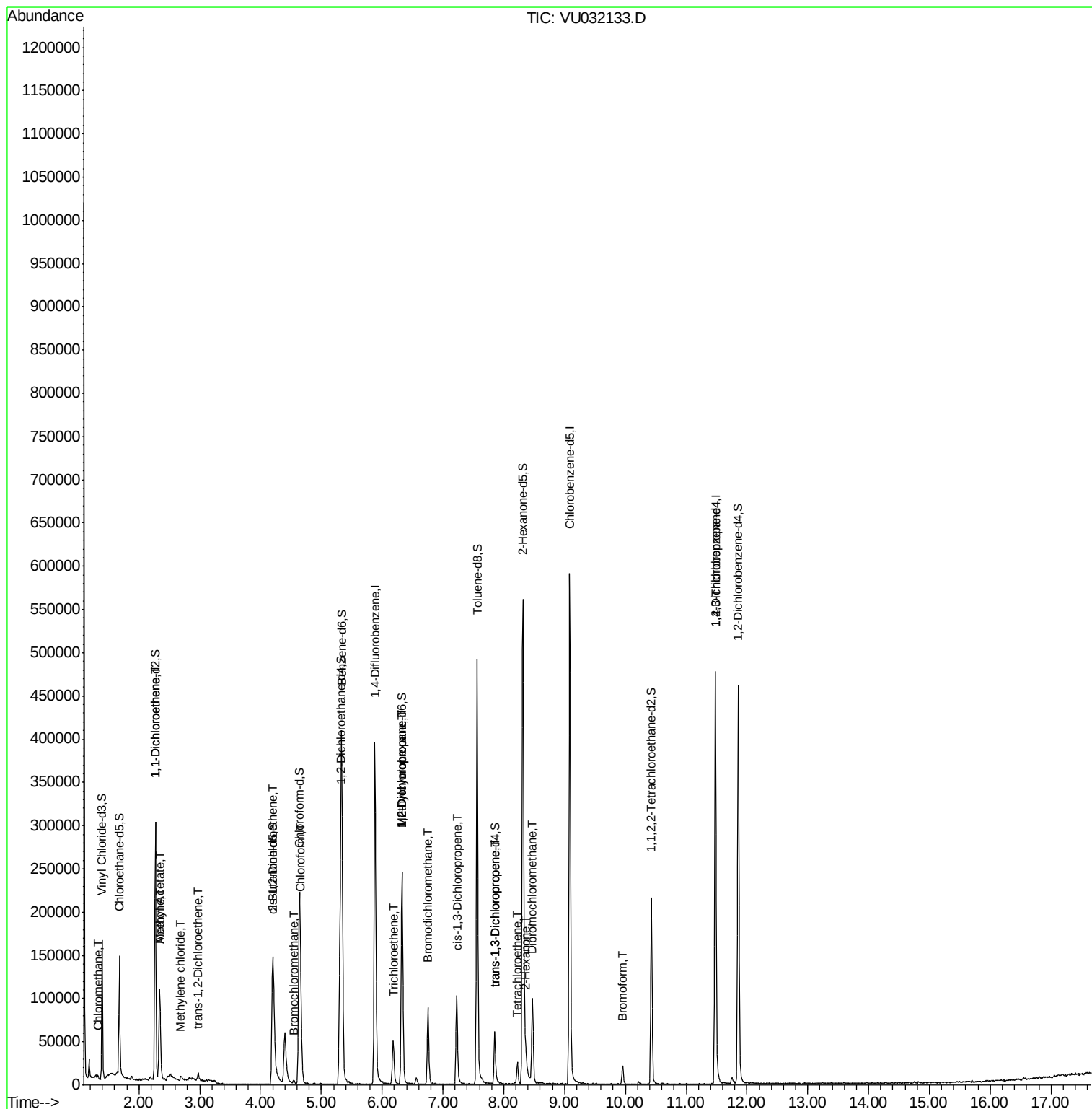
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.47	129	53315	4.550	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	14515	1.660	ug/L	90
61) Bromoform	9.95	173	10471	1.919	ug/L #	97

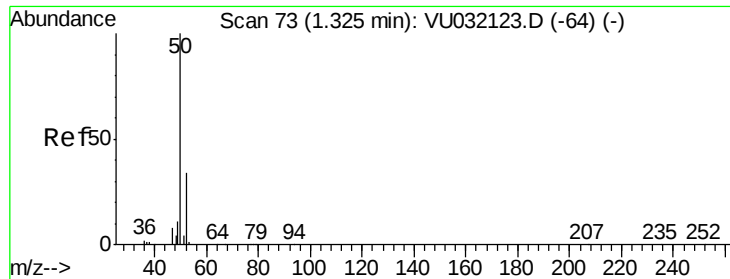
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032133.D
Acq On : 18 May 2019 05:26
Operator : JC/SP
Sample : K2860-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W35

Quant Time: May 18 05:50:41 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: 0.181 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampleId :

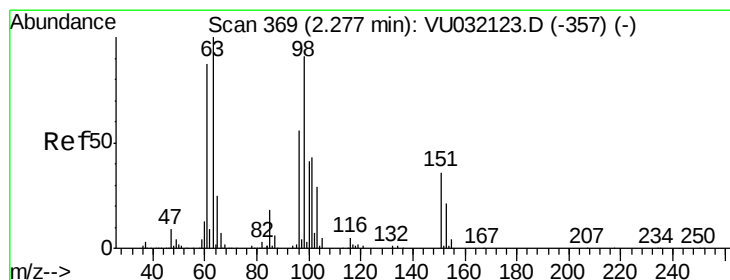
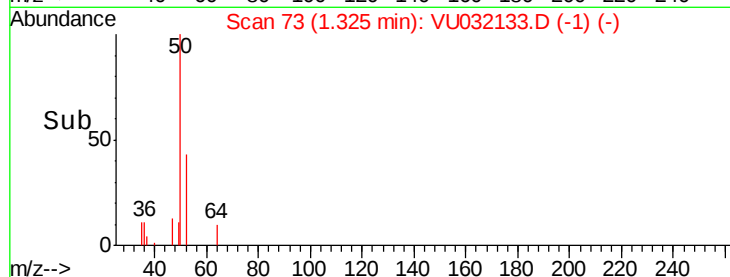
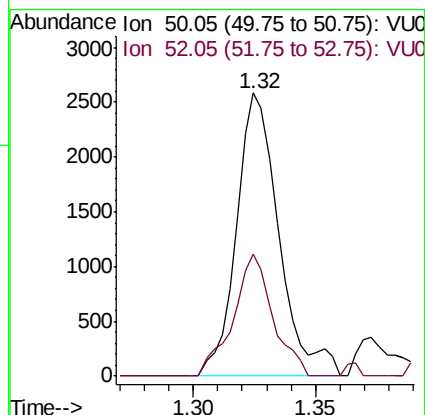
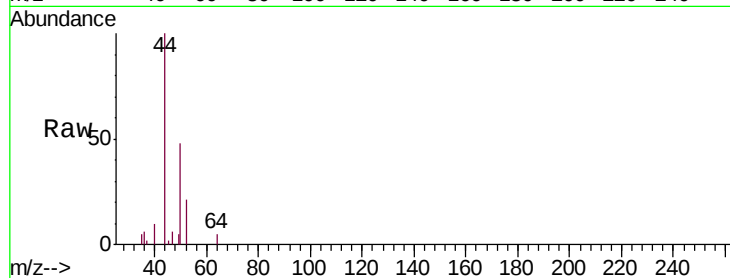
F9W35

Tgt Ion: 50 Resp: 3111

Ion Ratio Lower Upper

50 100

52 43.3 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

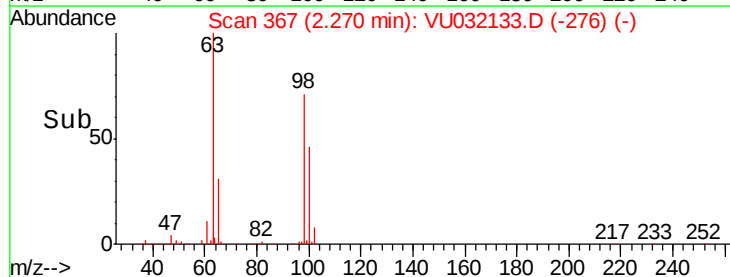
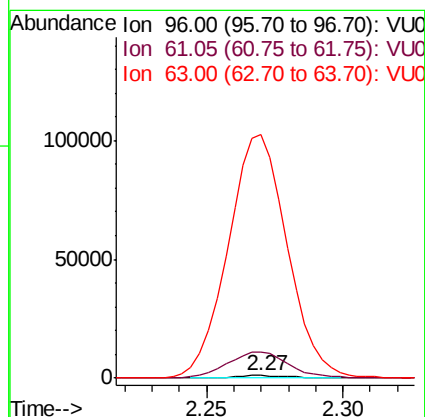
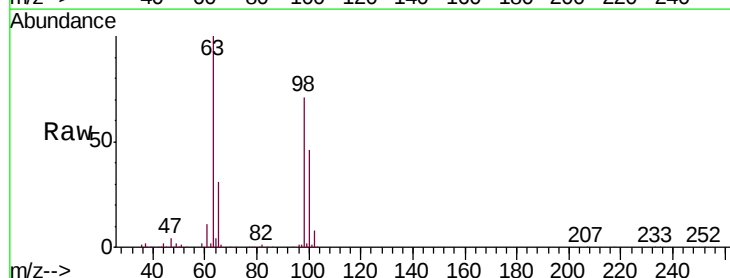
Tgt Ion: 96 Resp: 1653

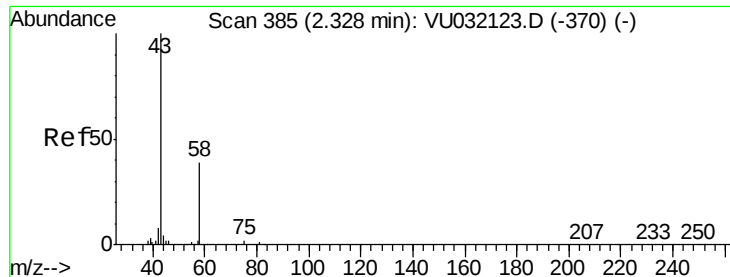
Ion Ratio Lower Upper

96 100

61 917.2 111.7 207.5#

63 8424.7 152.2 282.6#





#13

Acetone

Concen: 23.358 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032123.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampleId :

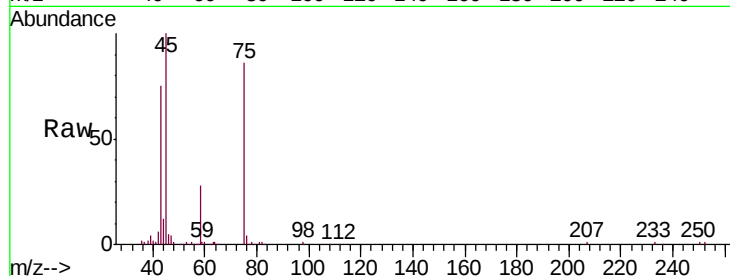
F9W35

Tgt Ion: 43 Resp: 45348

Ion Ratio Lower Upper

43 100

58 39.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU032123.D (-370) (-)

2.34

25000

20000

15000

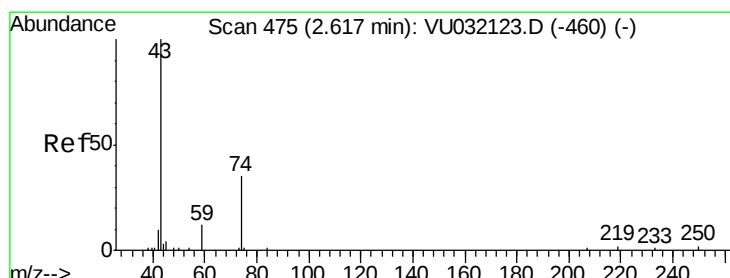
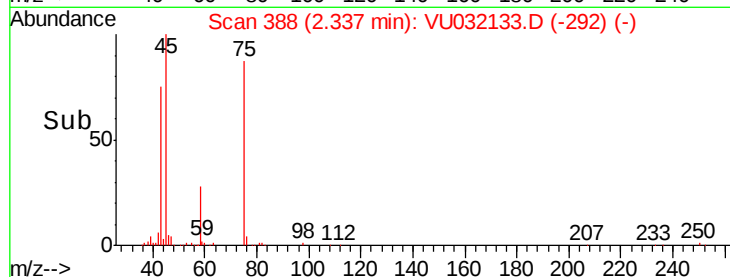
10000

5000

0

Time-->

2.25 2.30 2.35 2.40 2.45



#15

Methyl Acetate

Concen: 6.963 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.28 min

Lab File: VU032123.D

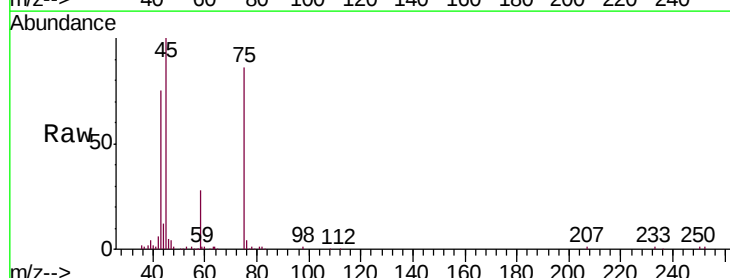
Acq: 18 May 2019 05:26

Tgt Ion: 43 Resp: 38760

Ion Ratio Lower Upper

43 100

74 0.3 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU032123.D (-460) (-)

2.34

25000

20000

15000

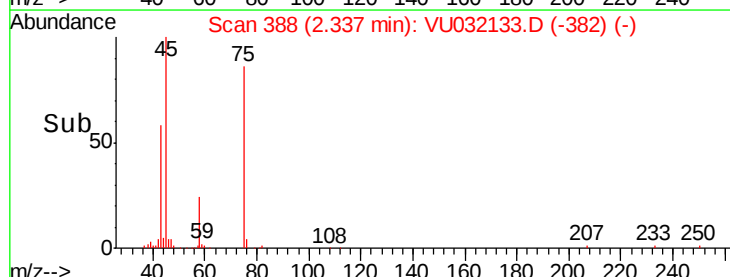
10000

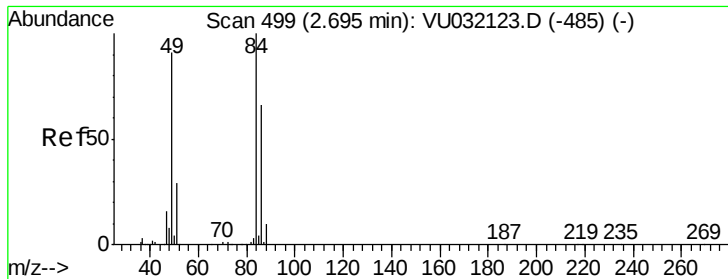
5000

0

Time-->

2.30 2.35 2.40 2.45

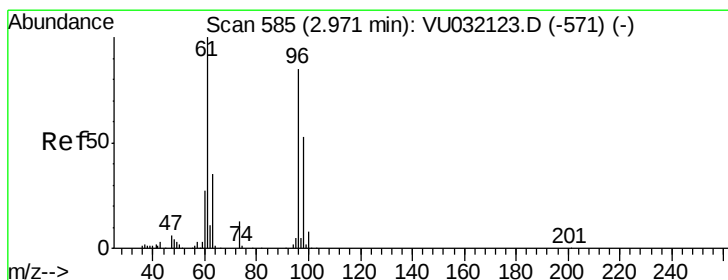
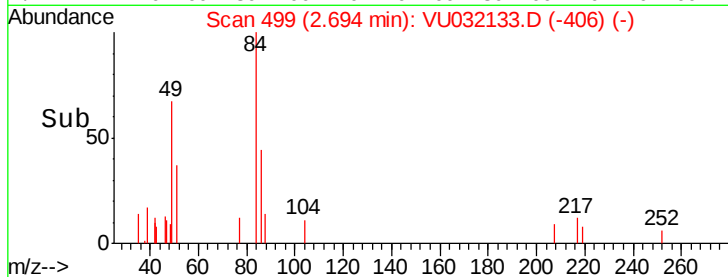
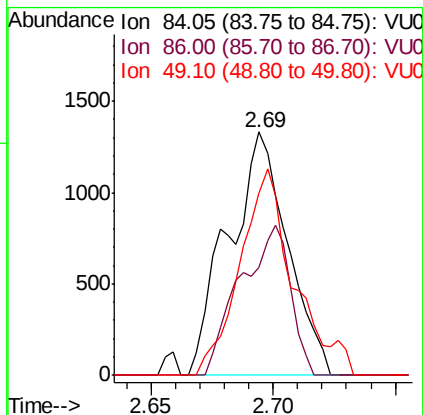
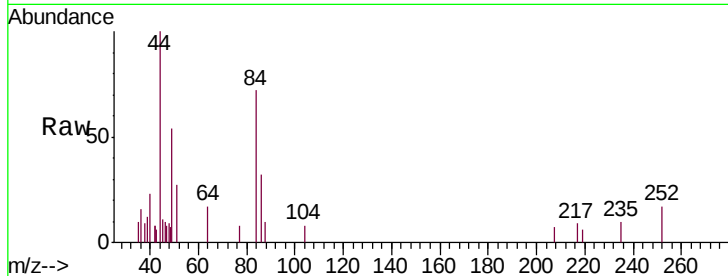




#16
Methylene chloride
Concen: 0.131 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032133.D
Acq: 18 May 2019 05:26

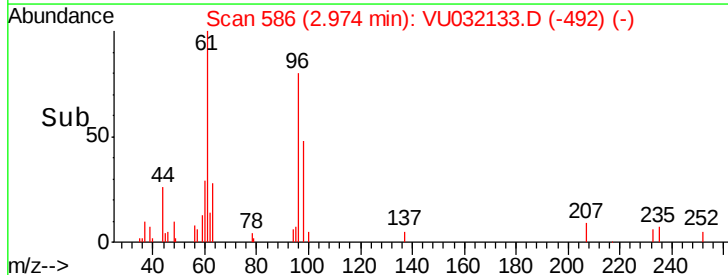
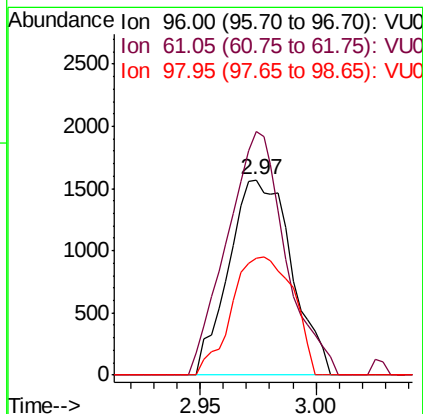
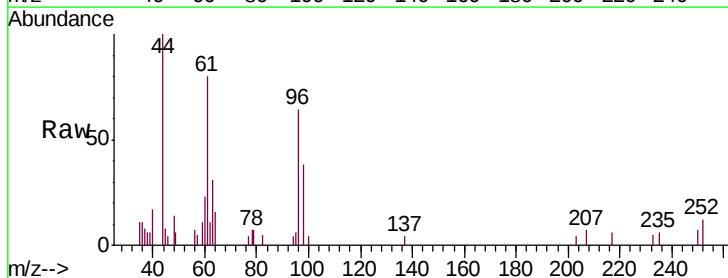
Instrument :
MSVOA_U
ClientSampleId :
F9W35

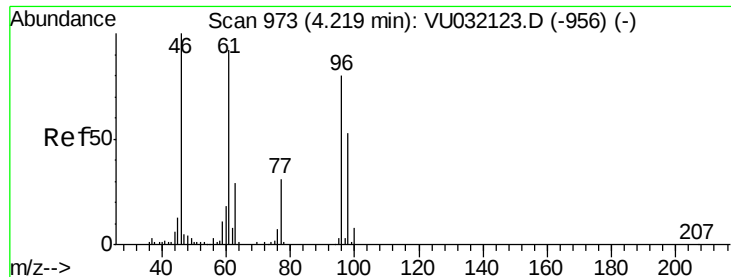
Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
86 44.4 43.1 80.1
49 75.0 67.7 125.7



#18
trans-1,2-Dichloroethene
Concen: 0.192 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032133.D
Acq: 18 May 2019 05:26

Tgt Ion: 96 Resp: 2952
Ion Ratio Lower Upper
96 100
61 124.8 86.5 160.7
98 59.7 43.5 80.9



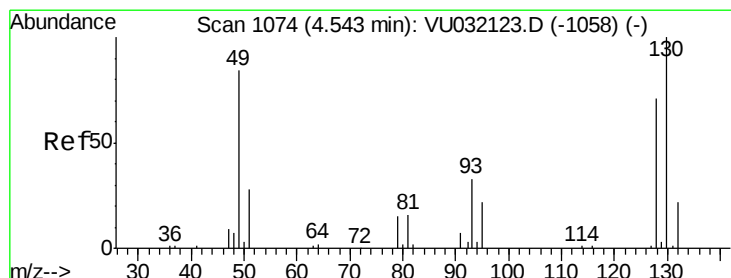
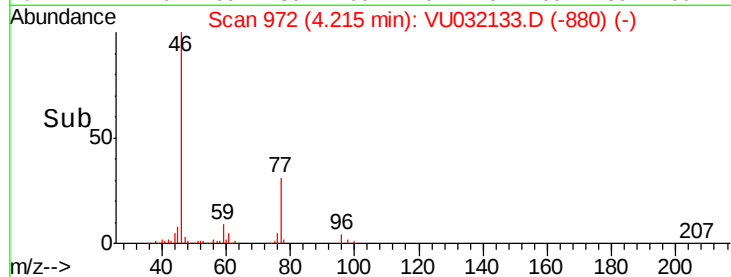
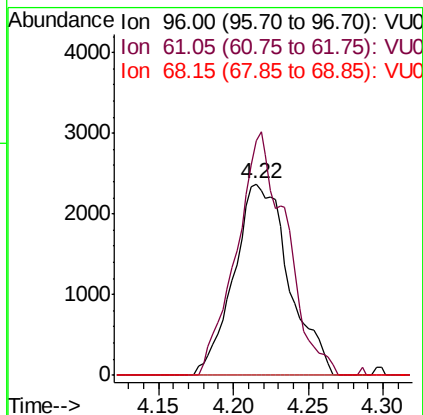
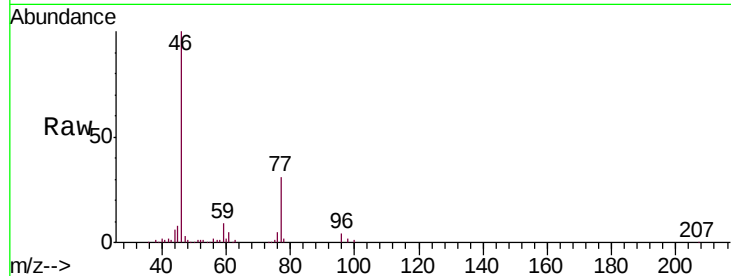


#22

cis-1,2-Dichloroethene
 Concen: 0.401 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032133.D
 Acq: 18 May 2019 05:26

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W35

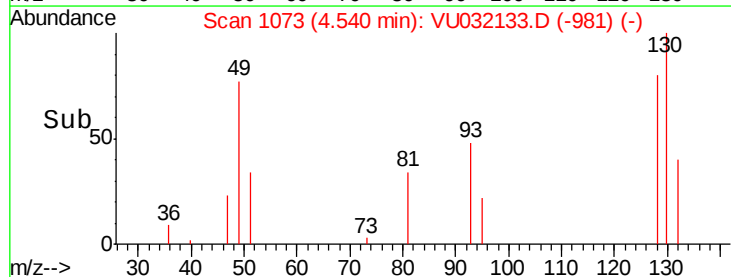
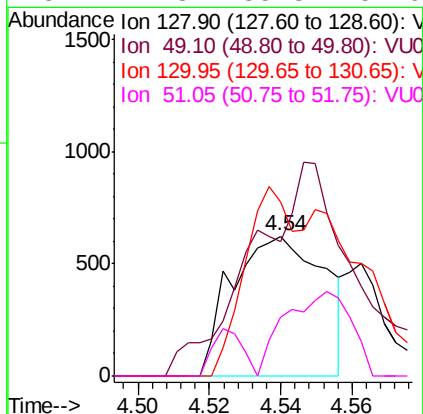
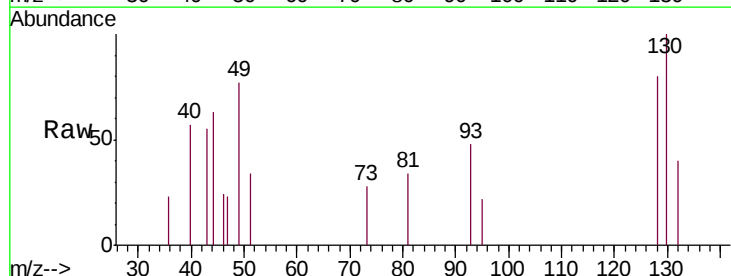
Tgt Ion: 96 Resp: 6064
 Ion Ratio Lower Upper
 96 100
 61 122.7 85.8 159.4
 68 0.0 0.0 0.0

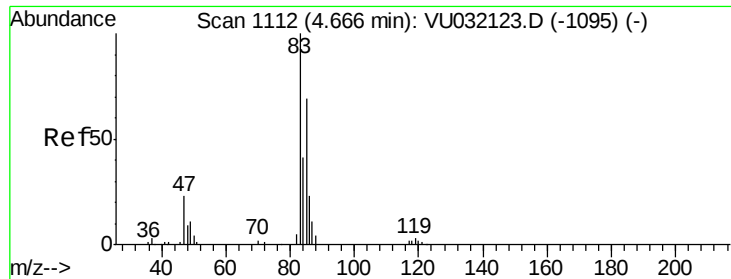


#23

Bromochloromethane
 Concen: 0.172 ug/L
 RT: 4.54 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VU032133.D
 Acq: 18 May 2019 05:26

Tgt Ion: 128 Resp: 1118
 Ion Ratio Lower Upper
 128 100
 49 96.2 92.2 171.2
 130 124.4 90.3 167.7
 51 41.8 35.3 52.9

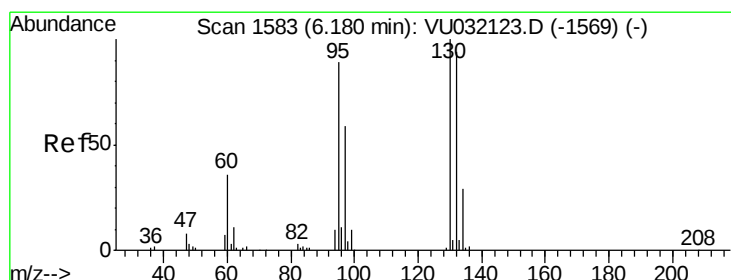
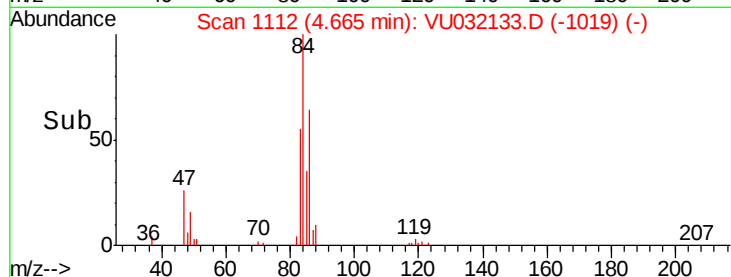
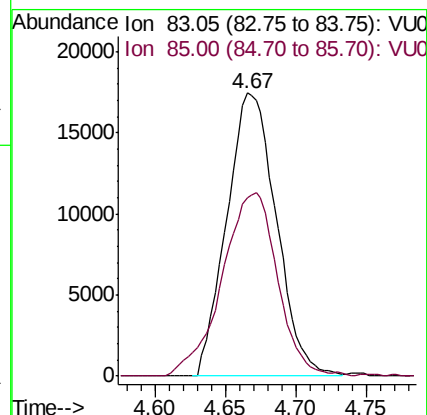
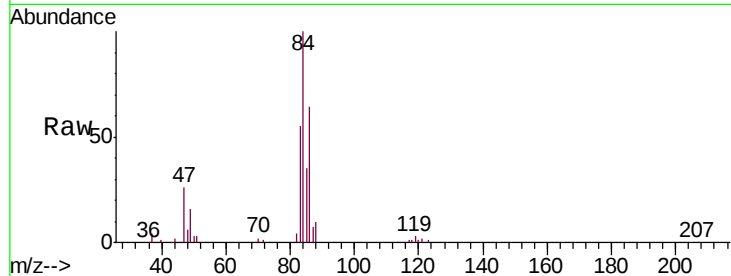




#25
Chloroform
Concen: 1.644 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032133.D
Acq: 18 May 2019 05:26

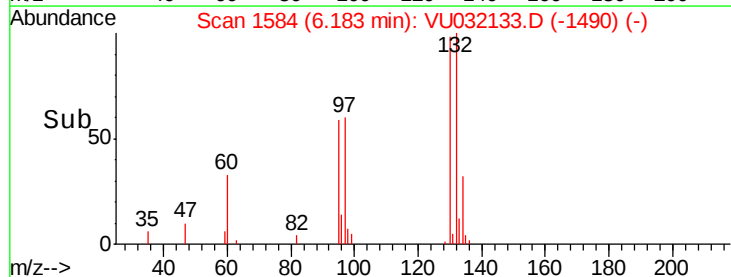
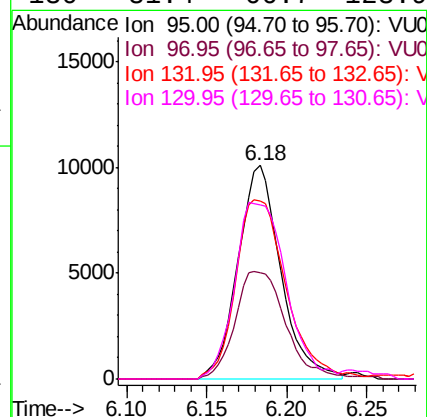
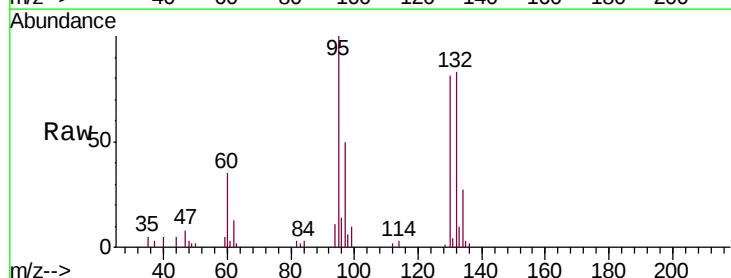
Instrument :
MSVOA_U
ClientSampleId :
F9W35

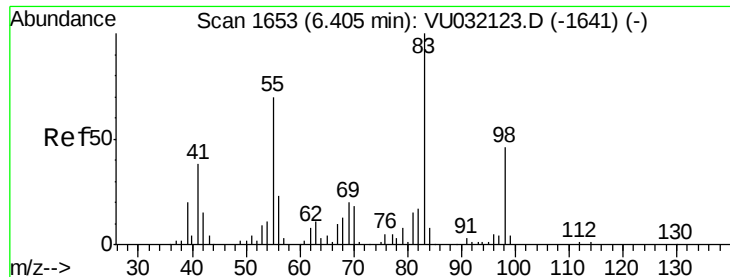
Tgt Ion: 83 Resp: 42868
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.3



#34
Trichloroethene
Concen: 1.209 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032133.D
Acq: 18 May 2019 05:26

Tgt Ion: 95 Resp: 18456
Ion Ratio Lower Upper
95 100
97 49.7 45.2 84.0
132 83.5 66.1 122.7
130 81.4 66.7 123.9

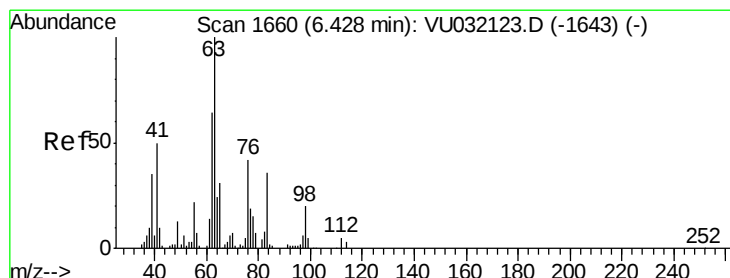
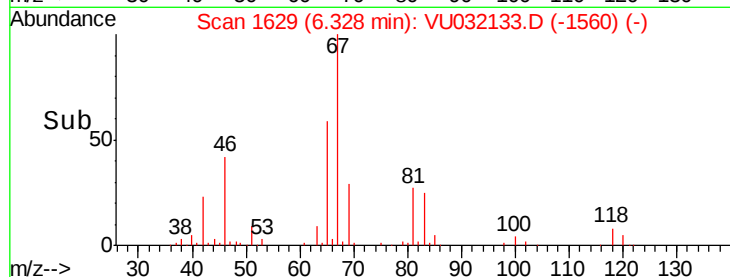
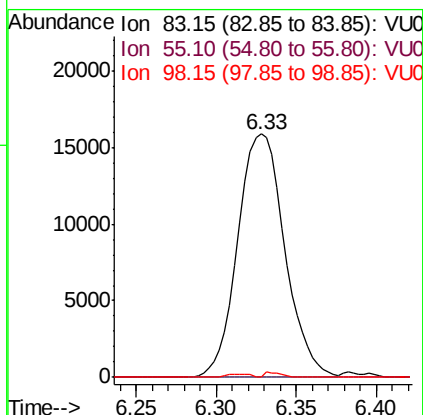
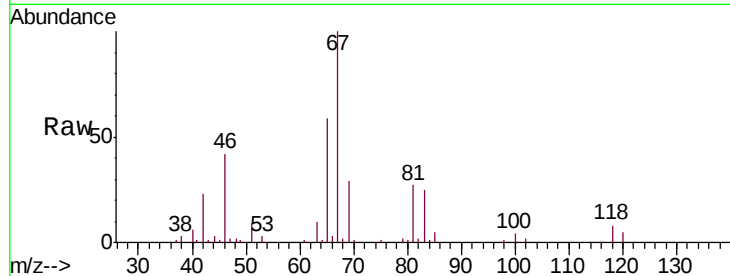




#35
Methylcyclohexane
Concen: 1.452 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

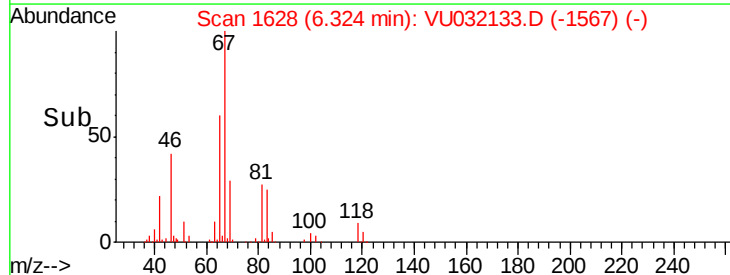
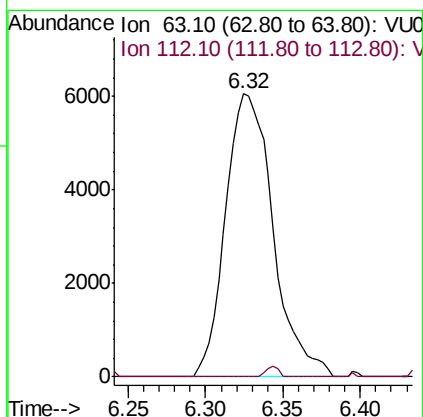
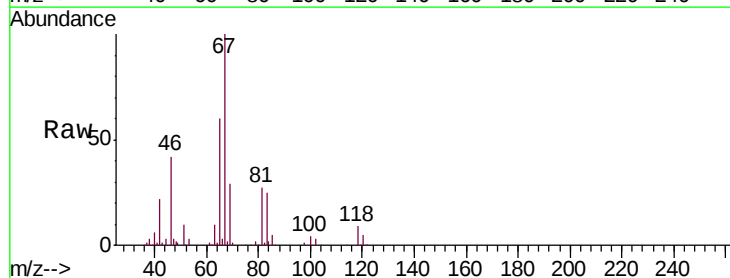
Instrument :
MSVOA_U
ClientSampleId :
F9W35

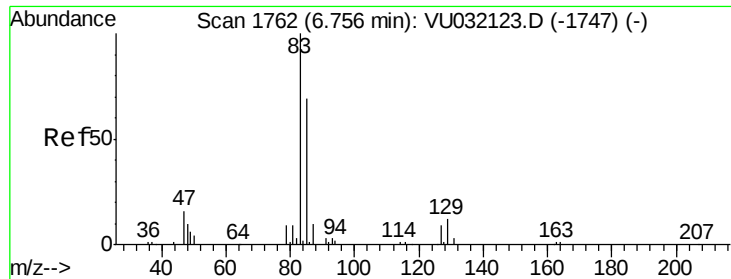
Tgt Ion: 83 Resp: 31938
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.7 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 0.940 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

Tgt Ion: 63 Resp: 12941
Ion Ratio Lower Upper
63 100
112 1.0 3.8 5.6#

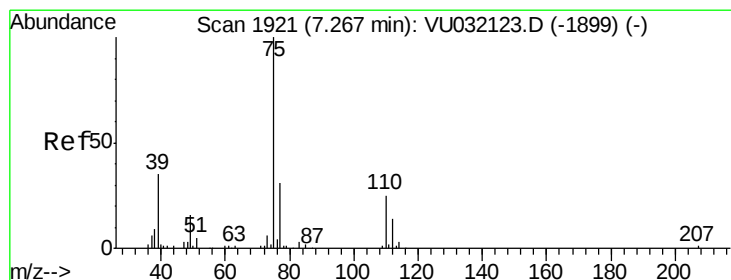
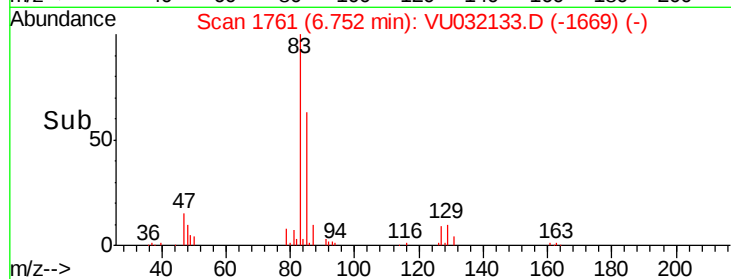
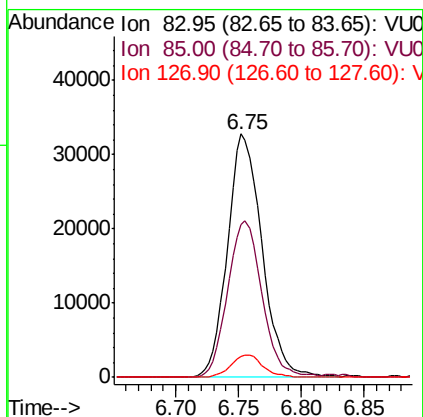
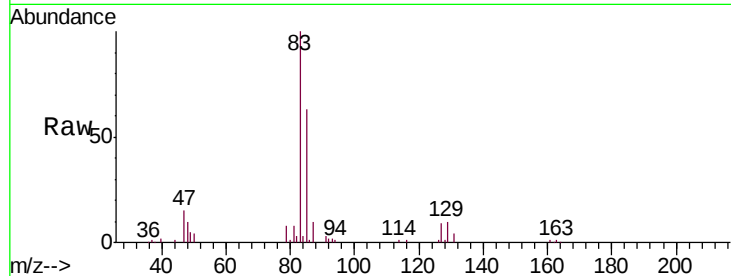




#38
 Bromodichloromethane
 Concen: 3.572 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VU032133.D
 Acq: 18 May 2019 05:26

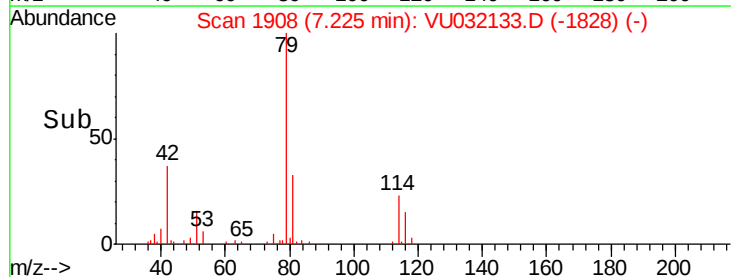
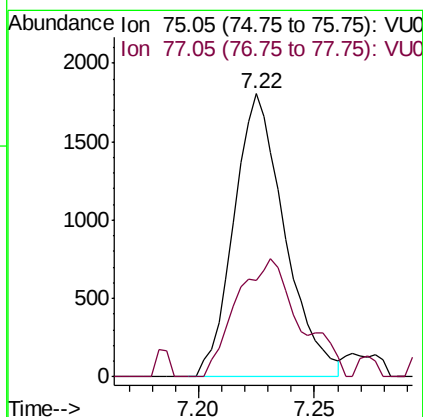
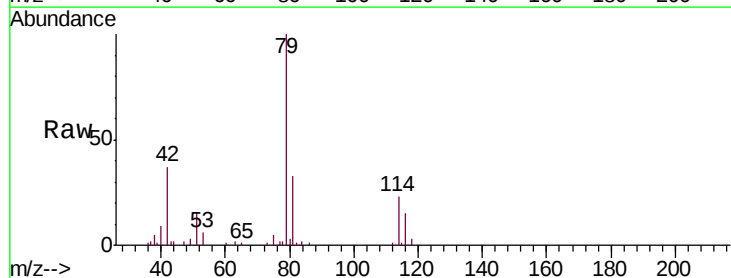
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W35

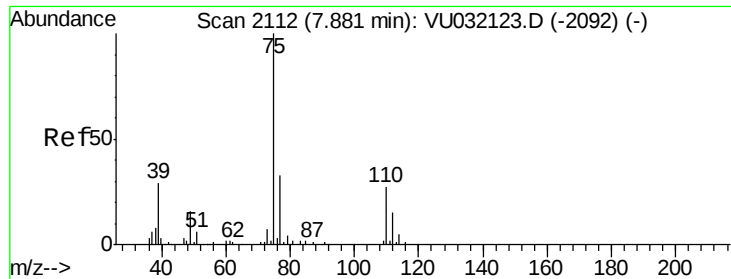
Tgt Ion: 83 Resp: 62886
 Ion Ratio Lower Upper
 83 100
 85 62.6 45.5 84.5
 127 8.6 6.3 9.5



#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032133.D
 Acq: 18 May 2019 05:26

Tgt Ion: 75 Resp: 2759
 Ion Ratio Lower Upper
 75 100
 77 34.1 21.7 40.3





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampleId :

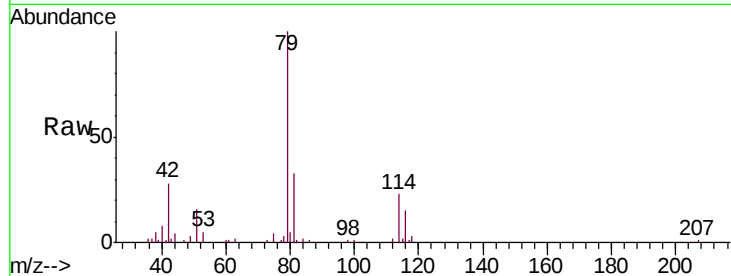
F9W35

Tgt Ion: 75 Resp: 1451

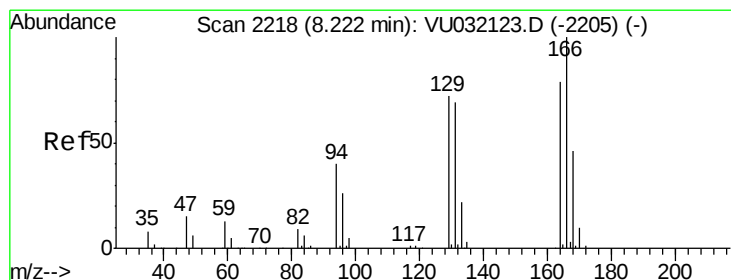
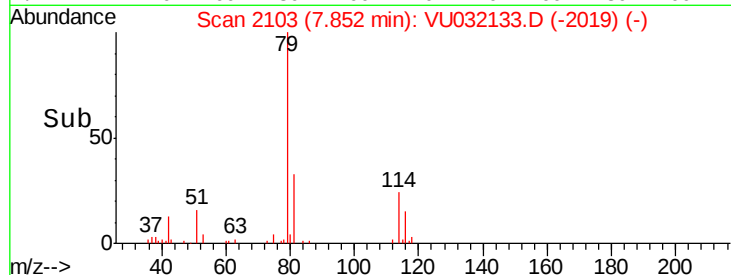
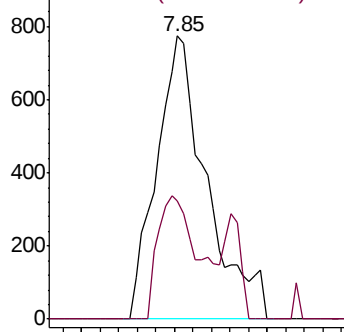
Ion Ratio Lower Upper

75 100

77 41.7 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032133.D (-2092) (-)



#47

Tetrachloroethene

Concen: 0.541 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Tgt Ion: 164 Resp: 6170

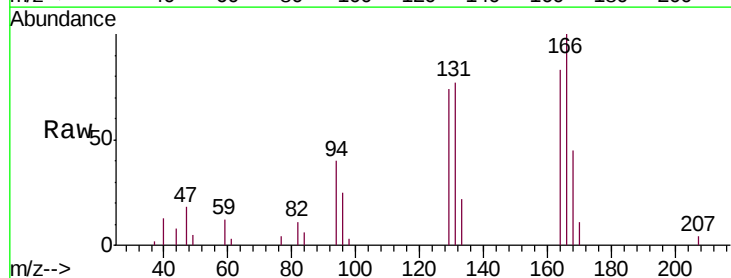
Ion Ratio Lower Upper

164 100

129 89.2 70.3 130.5

131 91.9 64.5 119.9

166 119.8 92.3 171.5

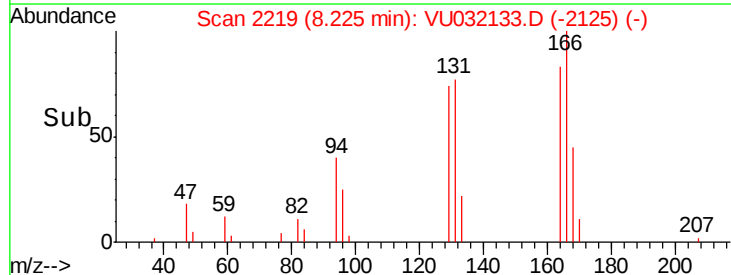
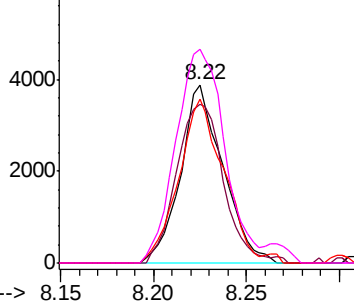


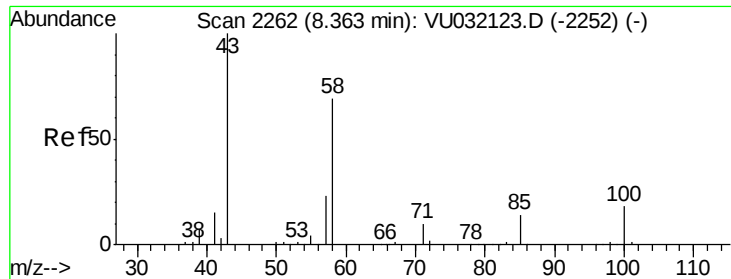
Abundance Ion 163.90 (163.60 to 164.60): VU032133.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU032133.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU032133.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU032133.D (-2205) (-)

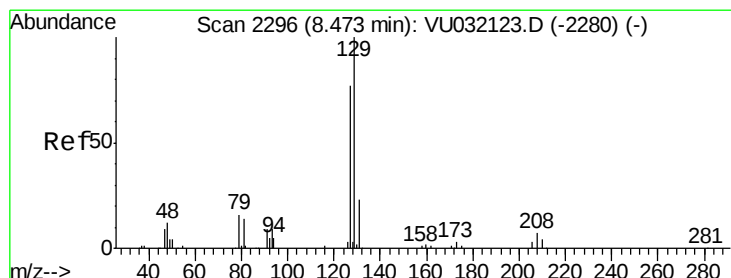
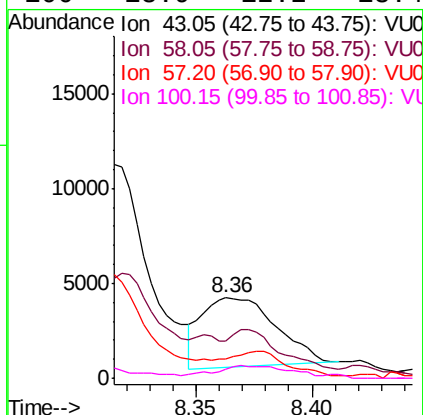
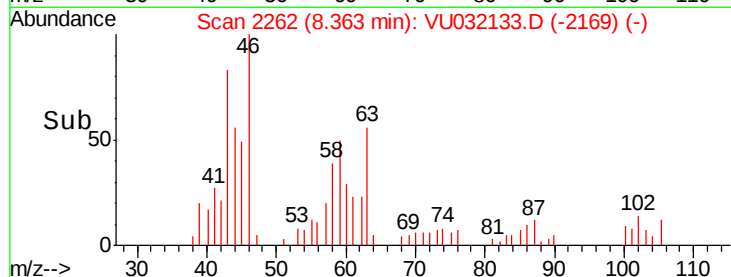
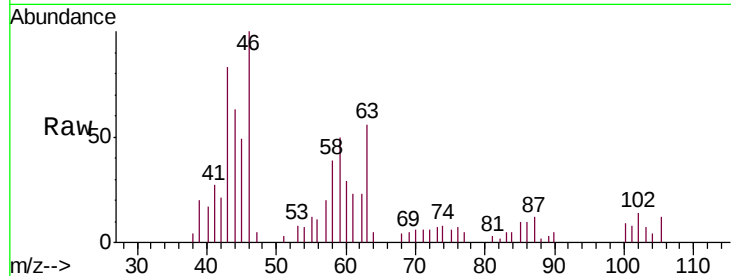




#48
2-Hexanone
Concen: 1.651 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

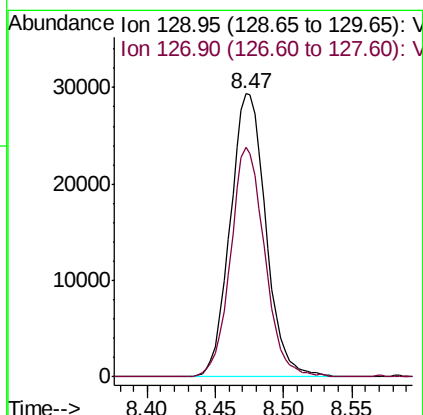
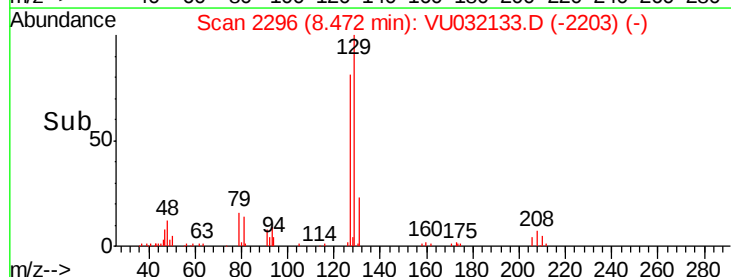
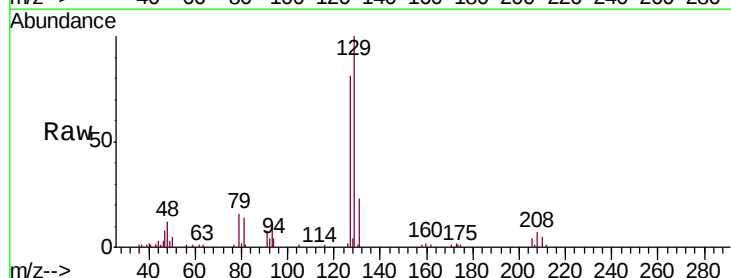
Instrument :
MSVOA_U
ClientSampleId :
F9W35

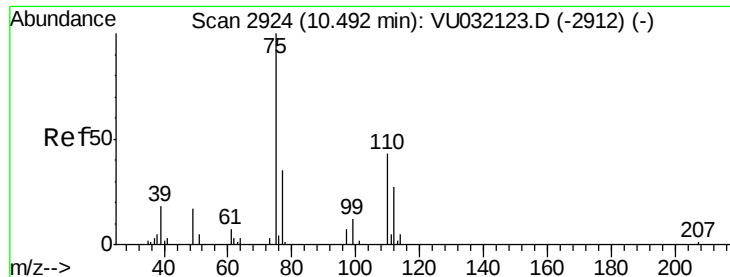
Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
58 46.6 51.6 77.4#
57 26.7 18.4 27.6
100 18.9 12.2 18.4#



#49
Dibromochloromethane
Concen: 4.550 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

Tgt Ion: 129 Resp: 53315
Ion Ratio Lower Upper
129 100
127 81.0 55.2 102.6





#59

1,2,3-Trichloropropane

Concen: 1.660 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampled :

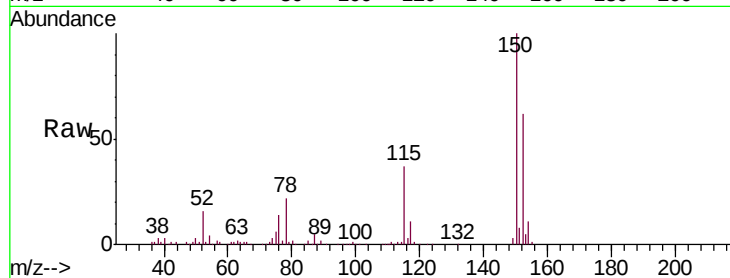
F9W35

Tgt Ion: 75 Resp: 14515

Ion Ratio Lower Upper

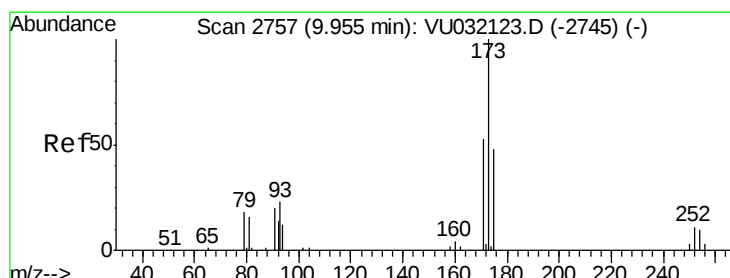
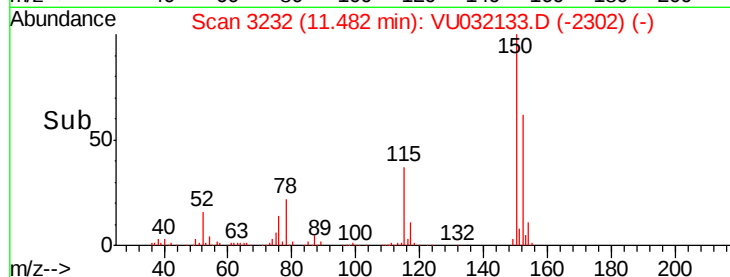
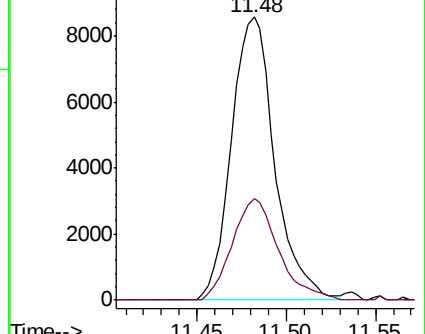
75 100

77 38.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU032133.D (-2912) (-)

Ion 77.00 (76.70 to 77.70): VU032133.D (-2912) (-)



#61

Bromoform

Concen: 1.919 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

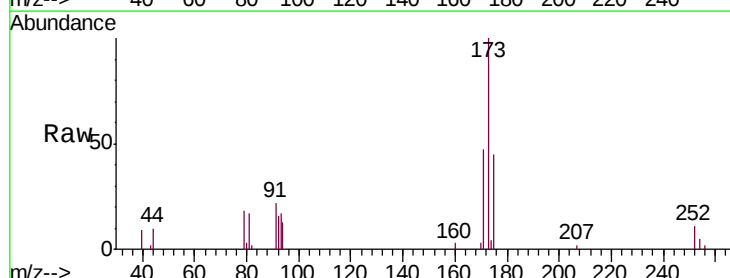
Tgt Ion: 173 Resp: 10471

Ion Ratio Lower Upper

173 100

175 46.3 38.0 57.0

254 7.3 7.8 11.6#



Abundance Ion 172.90 (172.60 to 173.60): VU032123.D (-2745) (-)

Ion 174.90 (174.60 to 175.60): VU032123.D (-2745) (-)

Ion 253.75 (253.45 to 254.45): VU032123.D (-2745) (-)

