

Data File : VU032952.D
Acq On : 21 Jun 2019 18:19
Operator : JC/SP
Sample : K3464-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF63

Quant Time: Jun 22 01:59:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52013	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.68	69	46207	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.26	63	84350	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	4.17	46	117987	111.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.03%
24) Chloroform-d	4.64	84	118776	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.30	65	86561	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.33	84	228277	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.32	67	75718	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.56	98	201838	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%
43) trans-1,3-Dichloropropene-	7.85	79	36270	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.31	63	70306	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115599	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	82120	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

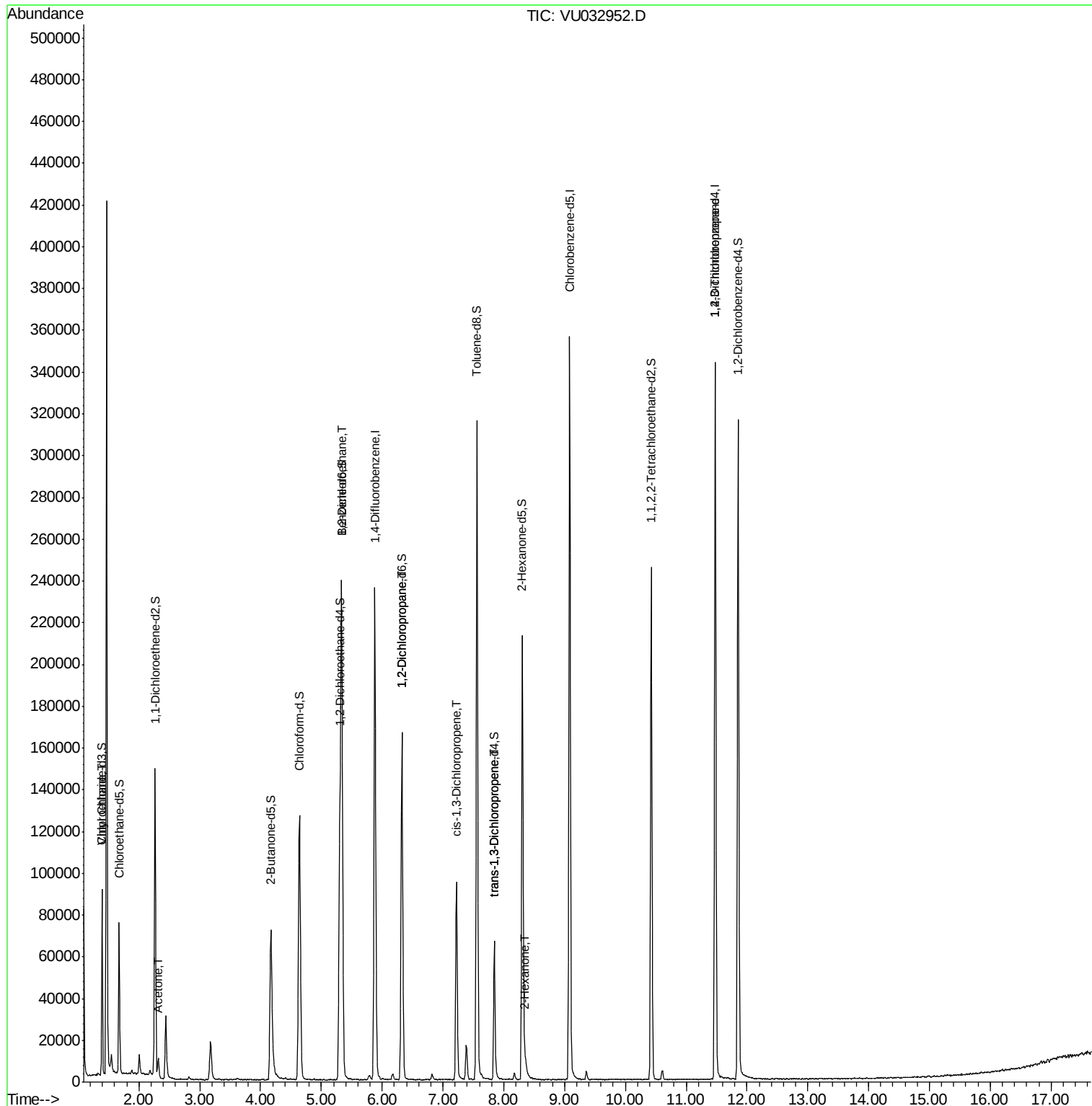
					Qvalue	
8) Chloroethane	1.40	64	964	0.987	ug/L #	1
13) Acetone	2.32	43	8956	6.102	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1564	0.759	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9212	6.323	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2660	1.172	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1921	0.901	ug/L #	78
48) 2-Hexanone	8.36	43	2238	1.090	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	11475	5.902	ug/L	89

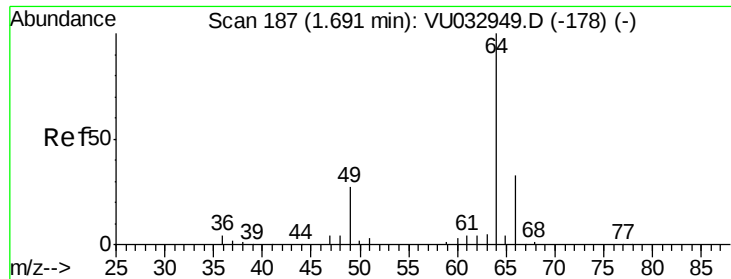
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.987 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032952.D

Acq: 21 Jun 2019 18:19

Instrument :

MSVOA_U

ClientSampled :

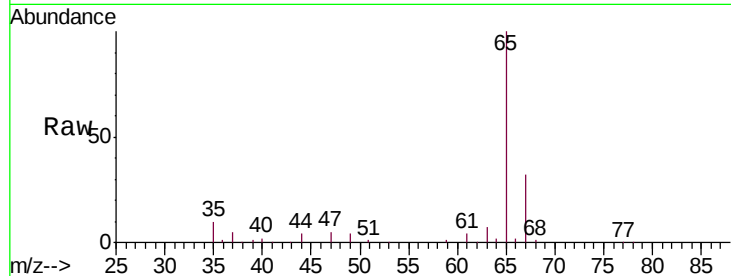
ETF63

Tgt Ion: 64 Resp: 964

Ion Ratio Lower Upper

64 100

66 133.2 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032949.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032949.D (-178) (-)

1500

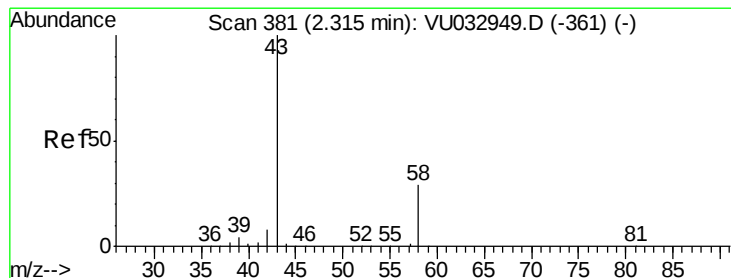
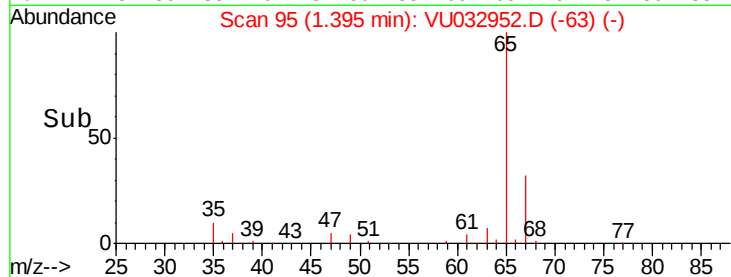
1000

500

0

1.38 1.40 1.42

Time-->



#13

Acetone

Concen: 6.102 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032952.D

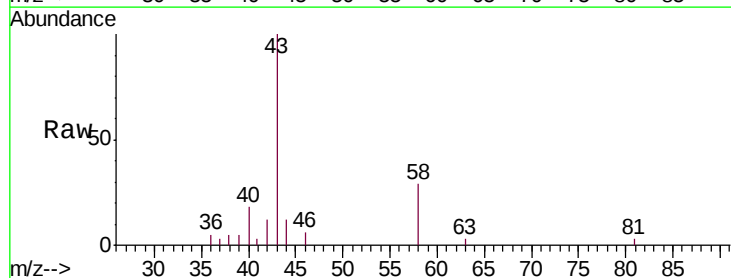
Acq: 21 Jun 2019 18:19

Tgt Ion: 43 Resp: 8956

Ion Ratio Lower Upper

43 100

58 28.3 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)

6000

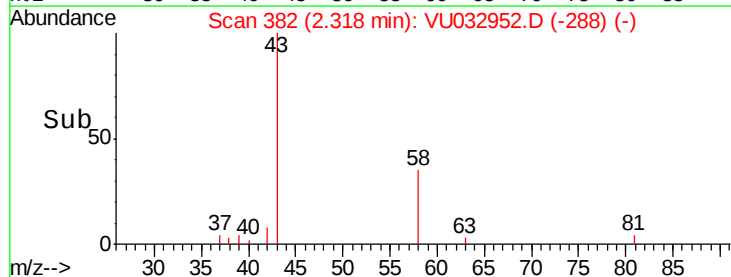
4000

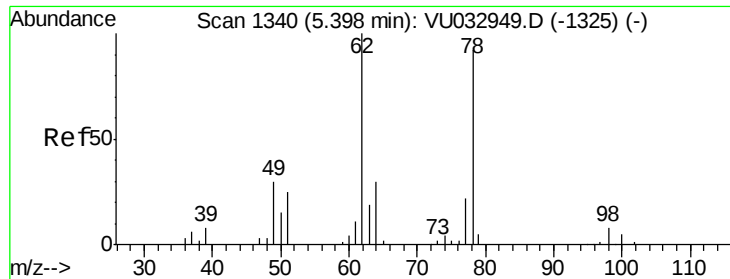
2000

0

2.25 2.30 2.35 2.40

Time-->

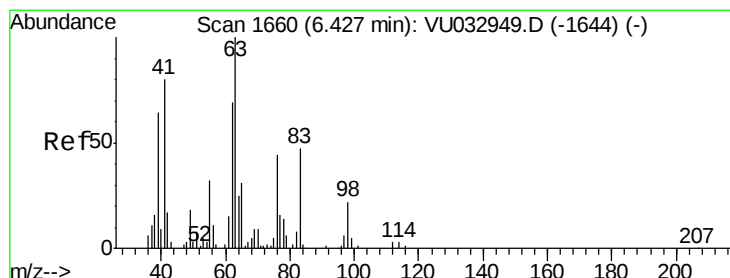
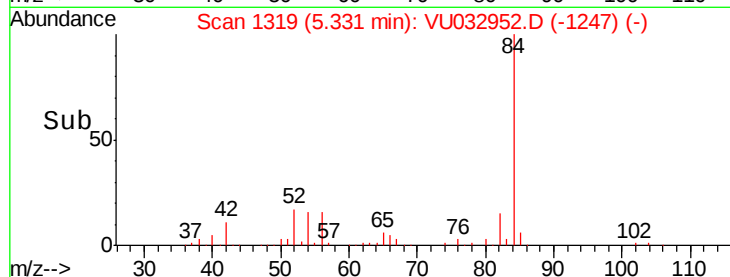
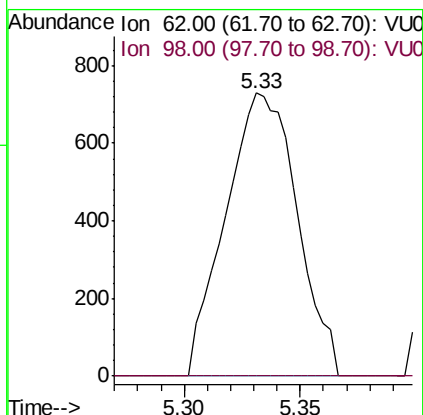
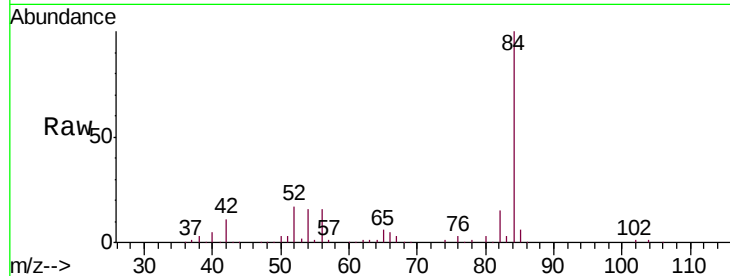




#27
 1,2-Dichloroethane
 Concen: 0.759 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032952.D
 Acq: 21 Jun 2019 18:19

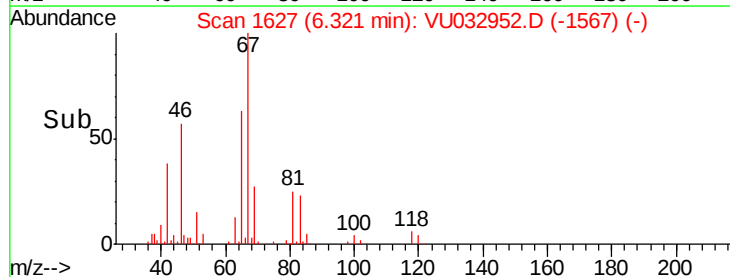
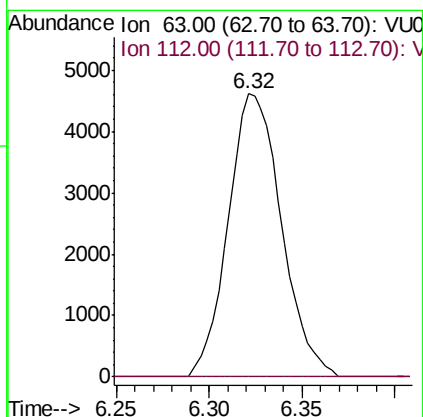
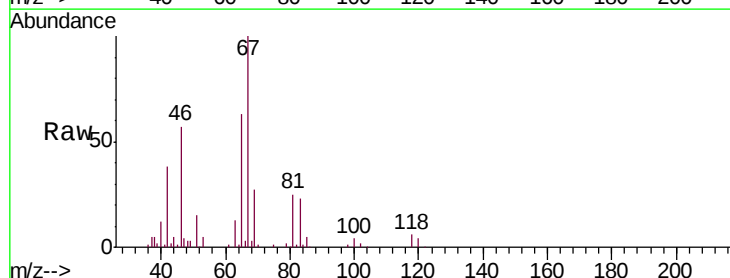
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF63

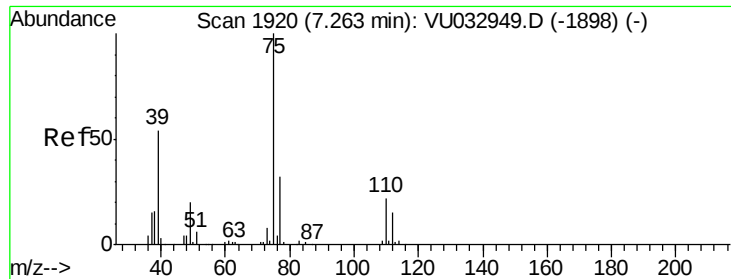
Tgt Ion: 62 Resp: 1564
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#37
 1,2-Dichloropropane
 Concen: 6.323 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032952.D
 Acq: 21 Jun 2019 18:19

Tgt Ion: 63 Resp: 9212
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 1.172 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032952.D

Acq: 21 Jun 2019 18:19

Instrument :

MSVOA_U

ClientSampleId :

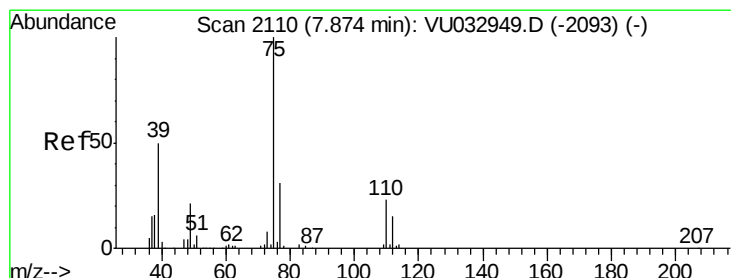
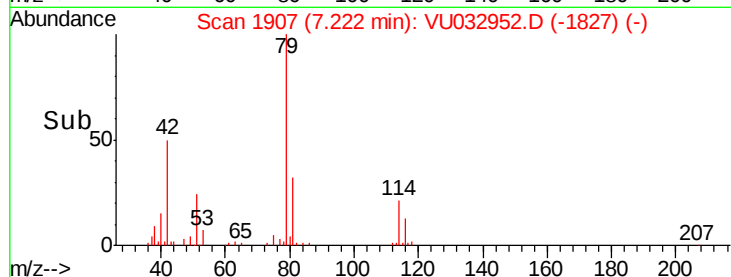
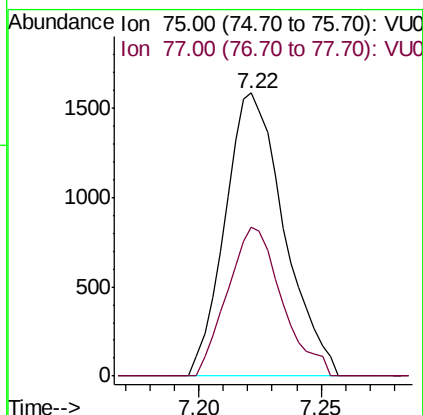
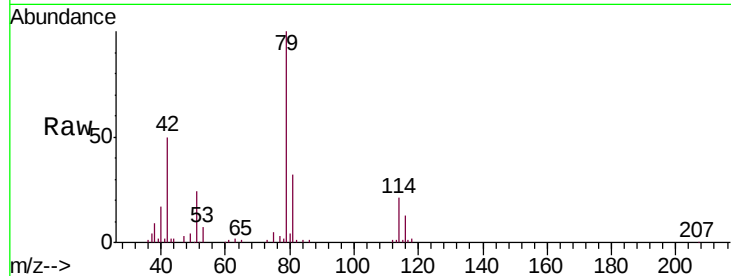
ETF63

Tgt Ion: 75 Resp: 2660

Ion Ratio Lower Upper

75 100

77 52.5 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032952.D

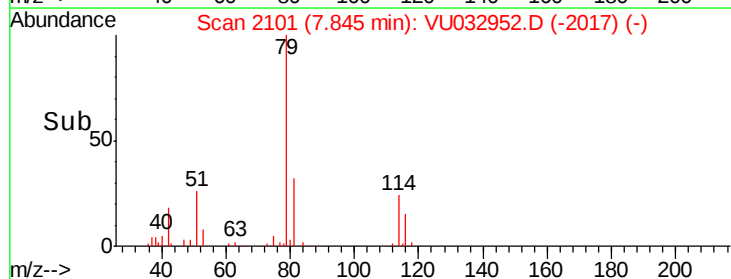
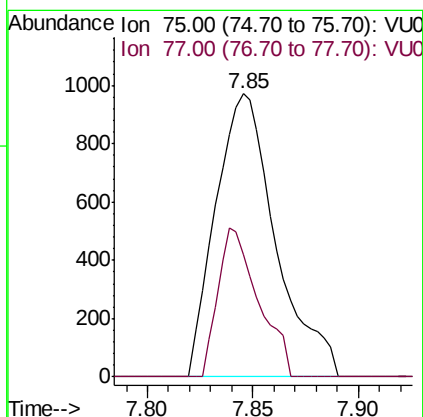
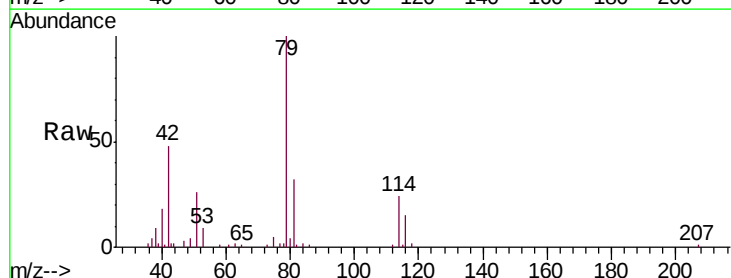
Acq: 21 Jun 2019 18:19

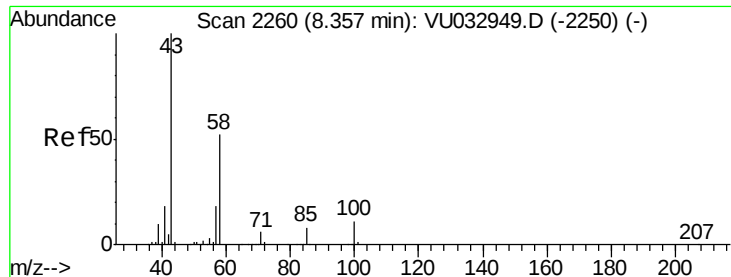
Tgt Ion: 75 Resp: 1921

Ion Ratio Lower Upper

75 100

77 43.4 21.8 40.4#

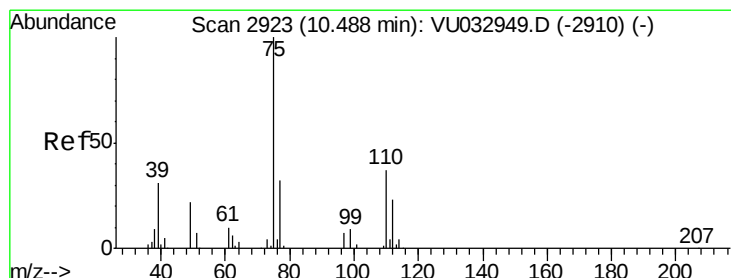
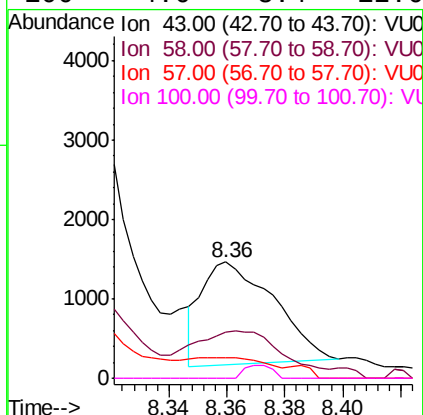
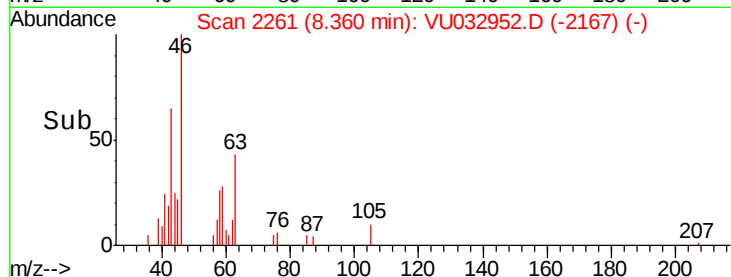
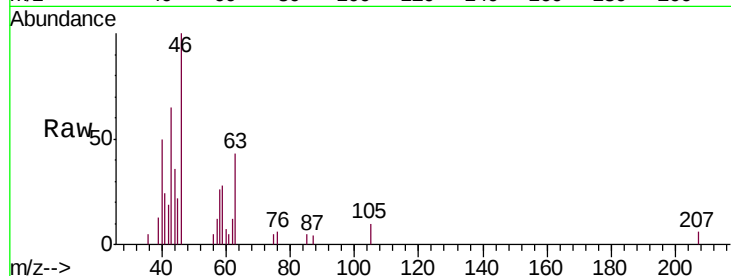




#48
2-Hexanone
Concen: 1.090 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032952.D
Acq: 21 Jun 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
ETF63

Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 15.0 40.2 60.2#
57 3.8 14.2 21.4#
100 4.6 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.902 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032952.D
Acq: 21 Jun 2019 18:19

Tgt Ion: 75 Resp: 11475
Ion Ratio Lower Upper
75 100
77 38.0 25.5 38.3

