

Data File : VU032313.D
Acq On : 24 May 2019 15:01
Operator : JC/SP
Sample : K2975-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 68 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ2

Quant Time: May 24 23:37:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	739290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	728056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	189807	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.24%
7) Chloroethane-d5	1.67	69	178306	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.27	63	281652	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.17	46	394284	106.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.94%
24) Chloroform-d	4.64	84	439663	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.31	65	269771	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
32) Benzene-d6	5.34	84	884999	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.32	67	273267	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.56	98	780431	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%
43) trans-1,3-Dichloropropene-	7.85	79	117401	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
47) 2-Hexanone-d5	8.31	63	289438	116.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	452600	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	315122	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%

Target Compounds

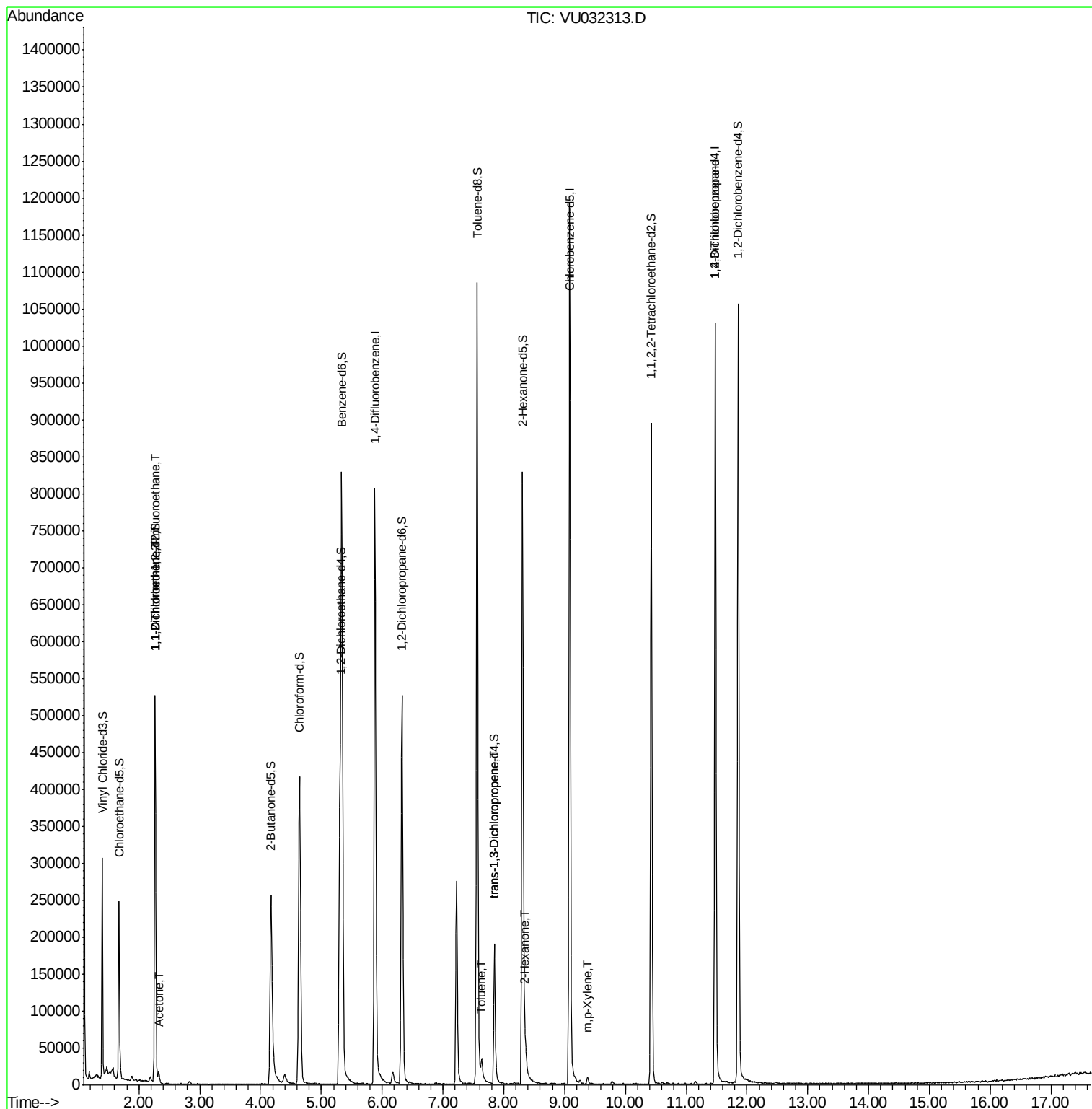
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2958	0.761	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2502	0.577	ug/L #	1
13) Acetone	2.32	43	11179	3.762	ug/L	99
42) Toluene	7.64	91	22246	1.014	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	4570	0.651	ug/L #	78
48) 2-Hexanone	8.36	43	14685	2.514	ug/L #	77
53) m,p-Xylene	9.38	106	3535	0.411	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	29710	3.706	ug/L #	87

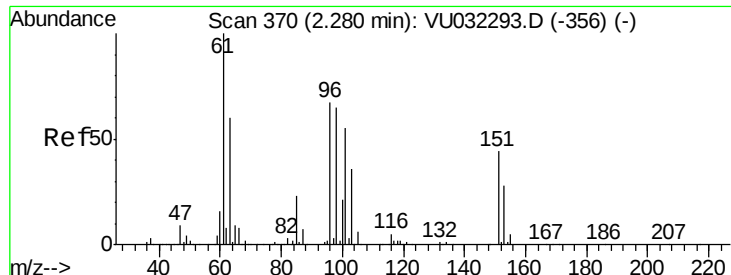
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.761 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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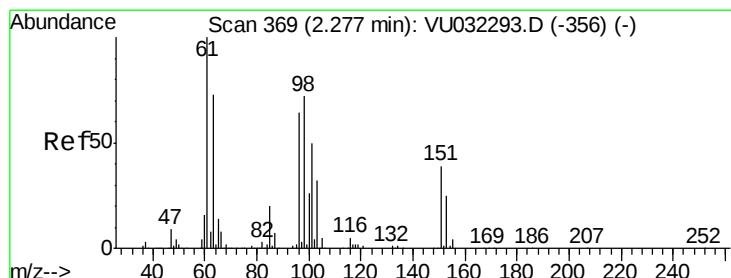
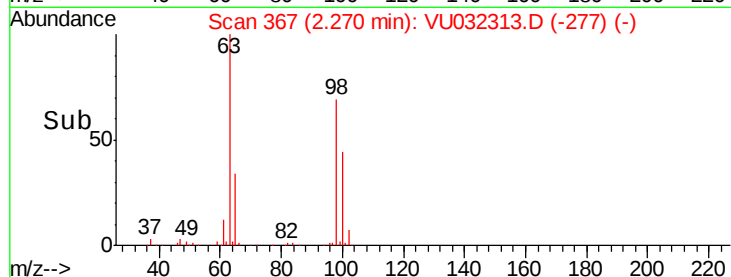
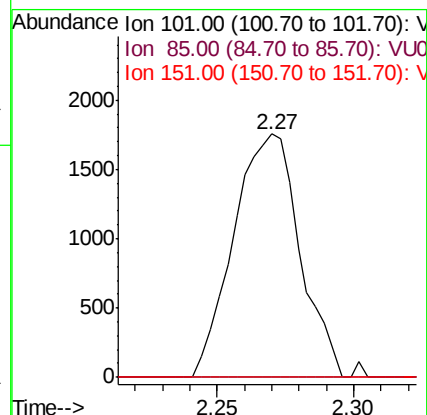
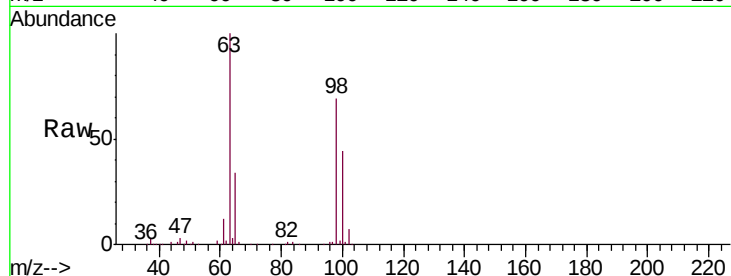
Tgt Ion: 101 Resp: 2958

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032313.D

Acq: 24 May 2019 15:01

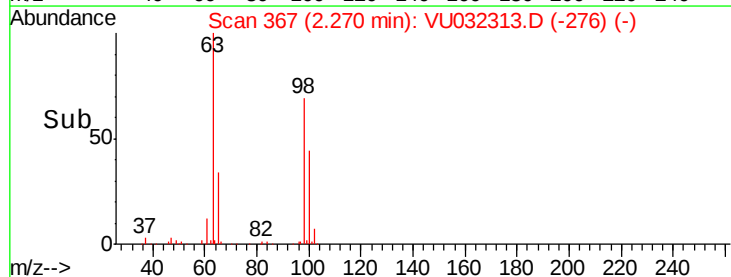
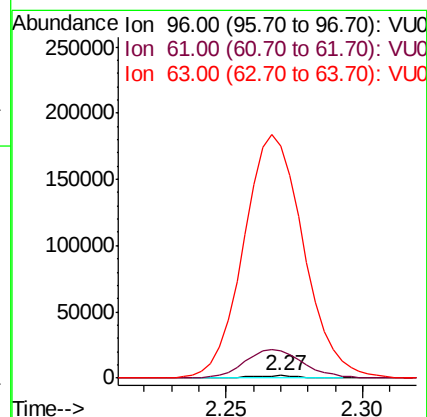
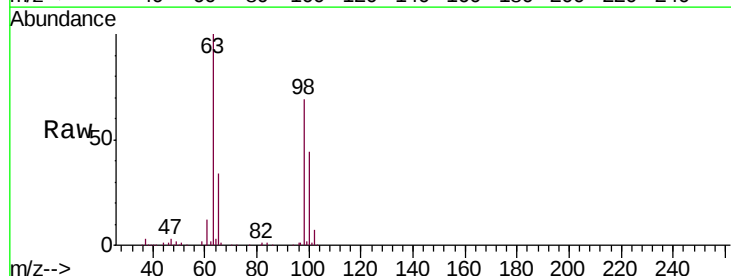
Tgt Ion: 96 Resp: 2502

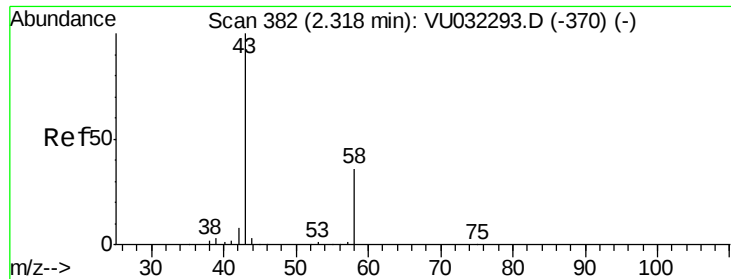
Ion Ratio Lower Upper

96 100

61 1188.9 108.0 200.6#

63 9894.2 85.5 158.7#





#13

Acetone

Concen: 3.762 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032313.D

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MSVOA_U

ClientSampleId :

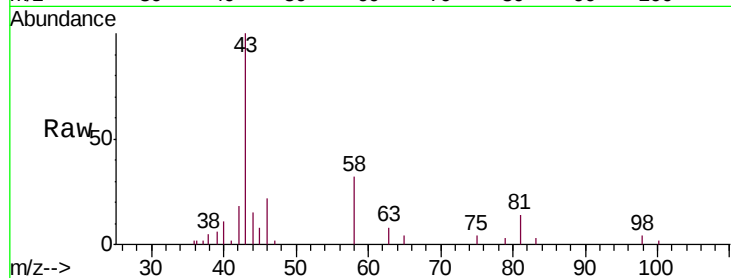
BFHJ2

Tgt Ion: 43 Resp: 11179

Ion Ratio Lower Upper

43 100

58 39.3 0.0 77.2



Abundance Ion 43.00 (42.70 to 43.70): VU032293.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032293.D (-370) (-)

8000

6000

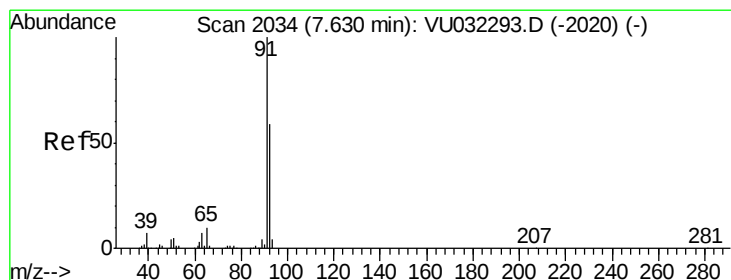
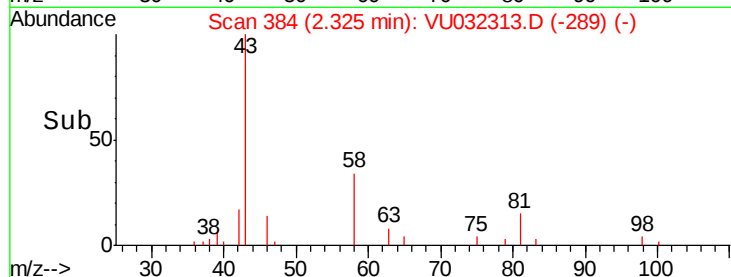
4000

2000

0

Time--> 2.25 2.30 2.35

2.32



#42

Toluene

Concen: 1.014 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032313.D

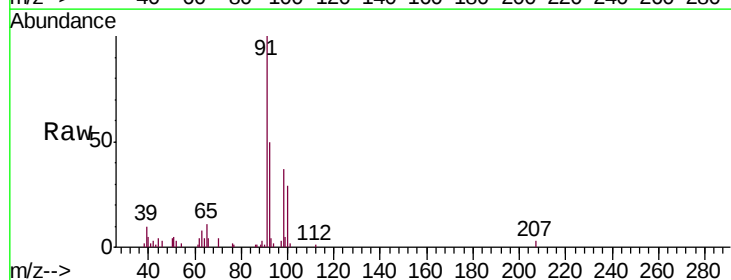
Acq: 24 May 2019 15:01

Tgt Ion: 91 Resp: 22246

Ion Ratio Lower Upper

91 100

92 50.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU032293.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032293.D (-2020) (-)

12000

10000

8000

6000

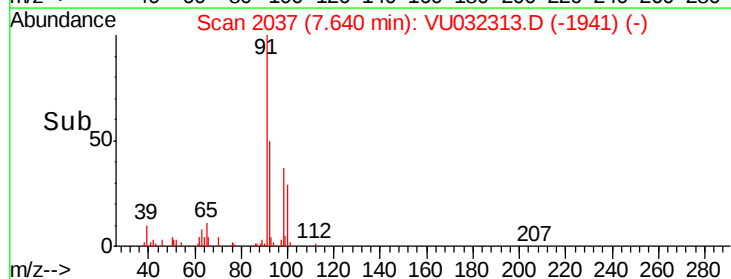
4000

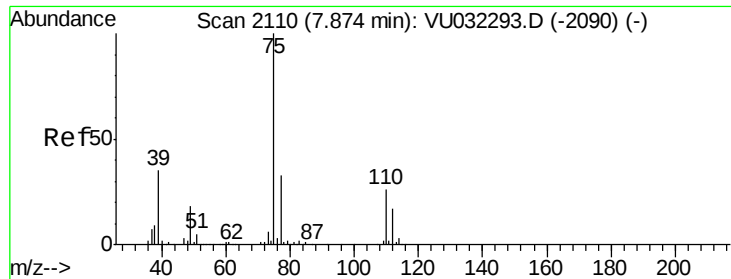
2000

0

Time--> 7.55 7.60 7.65 7.70

7.64

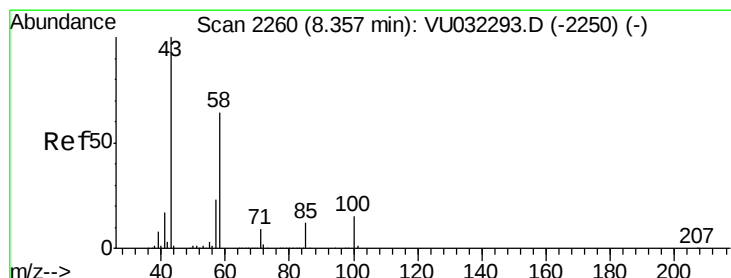
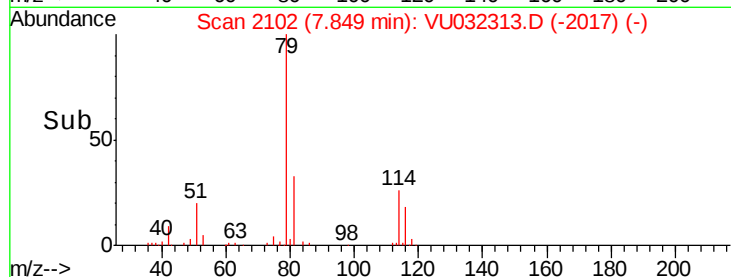
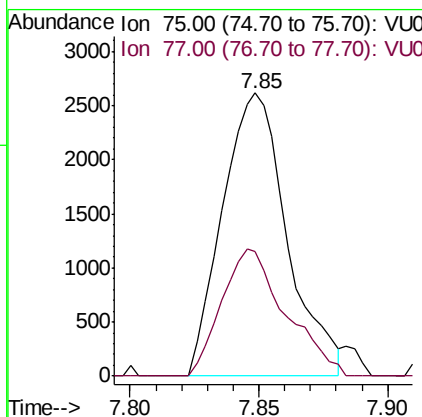
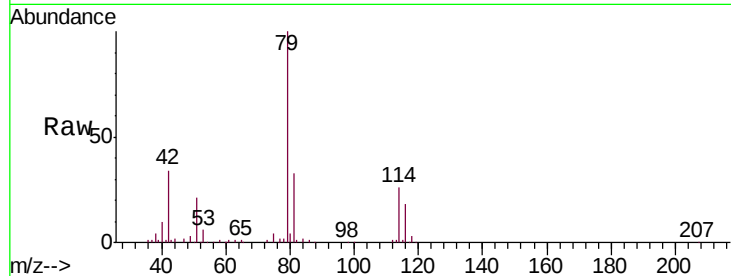




#44
 trans-1,3-Dichloropropene
 Concen: 0.651 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032313.D
 Acq: 24 May 2019 15:01

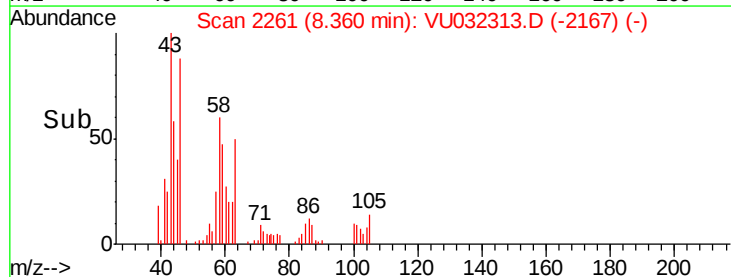
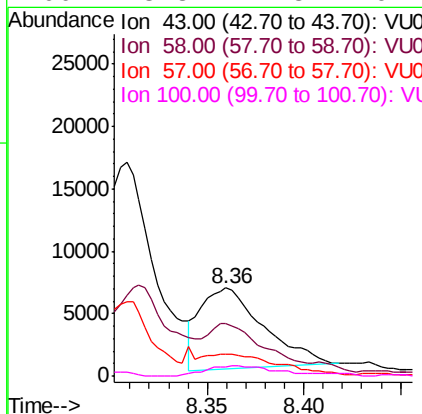
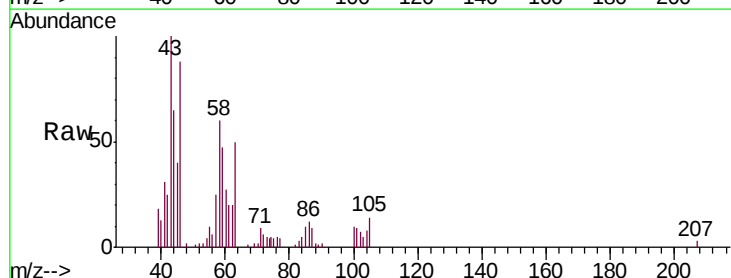
Instrument :
 MSVOA_U
 ClientSampleId :
 BFHJ2

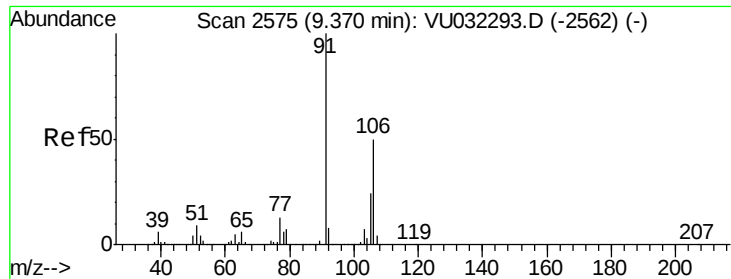
Tgt Ion: 75 Resp: 4570
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 2.514 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032313.D
 Acq: 24 May 2019 15:01

Tgt Ion: 43 Resp: 14685
 Ion Ratio Lower Upper
 43 100
 58 41.7 51.4 77.0#
 57 13.6 17.8 26.8#
 100 13.3 12.8 19.2

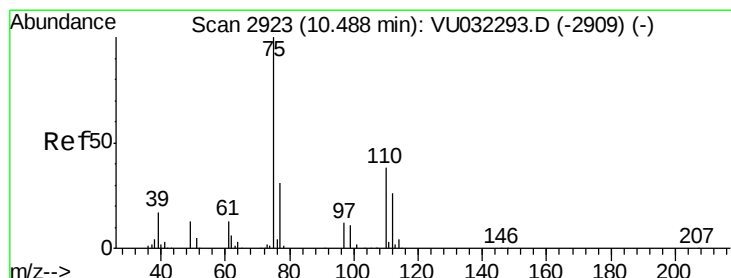
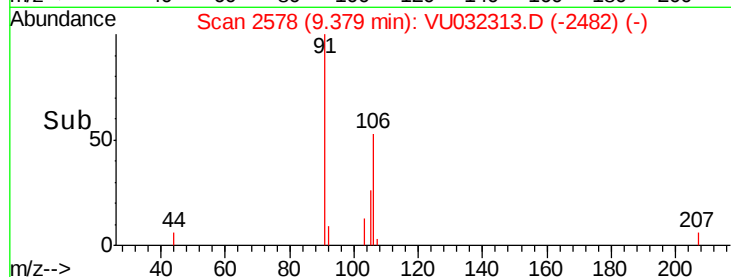
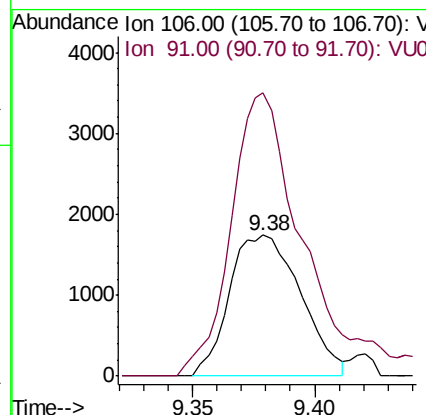
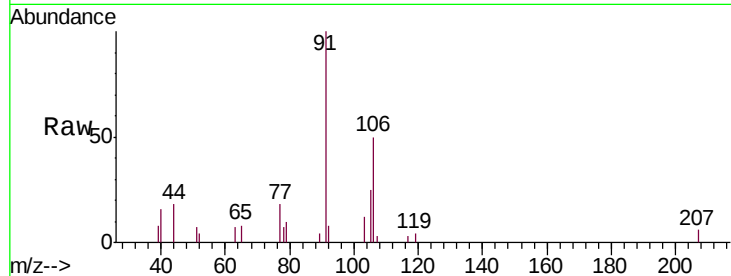




#53
 m,p-Xylene
 Concen: 0.411 ug/L
 RT: 9.38 min Scan# 2578
 Delta R.T. 0.01 min
 Lab File: VU032313.D
 Acq: 24 May 2019 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHJ2

Tgt Ion: 106 Resp: 3535
 Ion Ratio Lower Upper
 106 100
 91 200.5 136.5 253.5



#59
 1,2,3-Trichloropropane
 Concen: 3.706 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032313.D
 Acq: 24 May 2019 15:01

Tgt Ion: 75 Resp: 29710
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.7 38.5#

