

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032963.D
 Acq On : 21 Jun 2019 22:32
 Operator : JC/SP
 Sample : K3464-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF33MS

Quant Time: Jun 22 02:43:44 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	198615	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44013	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.86%
7) Chloroethane-d5	1.67	69	40359	37.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.56%
11) 1,1-Dichloroethene-d2	2.27	63	104495	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	4.17	46	117557	104.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.05%
24) Chloroform-d	4.64	84	109882	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	5.30	65	77984	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
32) Benzene-d6	5.33	84	203216	40.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.56%
36) 1,2-Dichloropropane-d6	6.32	67	69213	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.56	98	178241	37.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.44%#
43) trans-1,3-Dichloropropene-	7.85	79	32554	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.88%
47) 2-Hexanone-d5	8.31	63	69188	92.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107613	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	77790	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%

Target Compounds

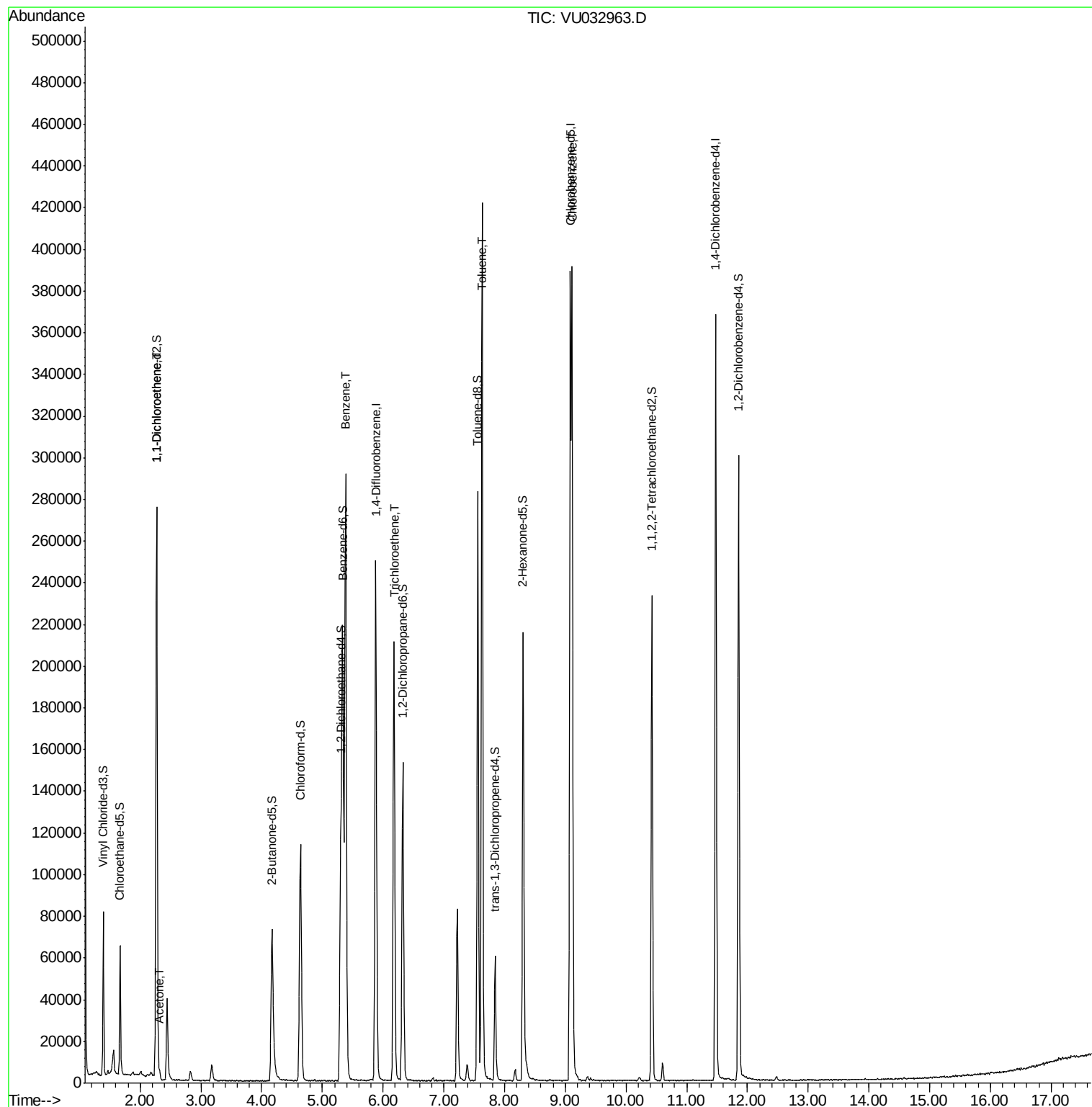
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	55769	44.589	ug/L	86
13) Acetone	2.32	43	3246	2.080	ug/L	90
33) Benzene	5.38	78	271663	48.725	ug/L	100
34) Trichloroethene	6.18	95	70323	47.207	ug/L	98
42) Toluene	7.63	91	291804	48.373	ug/L	97
51) Chlorobenzene	9.11	112	187752	47.298	ug/L	98

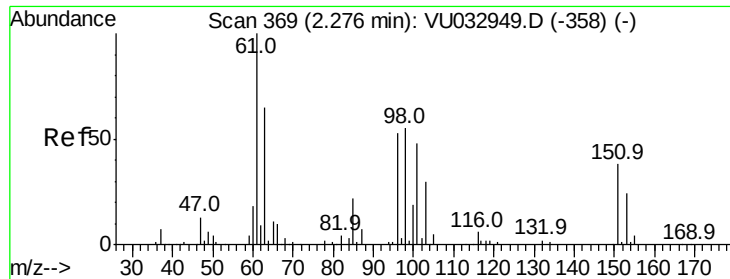
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032963.D
Acq On : 21 Jun 2019 22:32
Operator : JC/SP
Sample : K3464-02MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF33MS

Quant Time: Jun 22 02:43:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 44.589 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032963.D

Acq: 21 Jun 2019 22:32

Instrument :

MSVOA_U

ClientSampleId :

ETF33MS

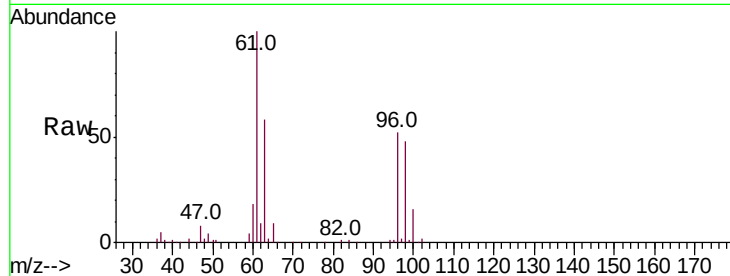
Tot Ion: 96 Resp: 55769

Ion Ratio Lower Upper

96 100

61 193.3 131.0 243.4

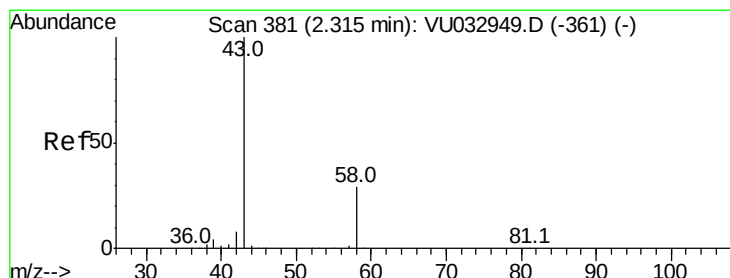
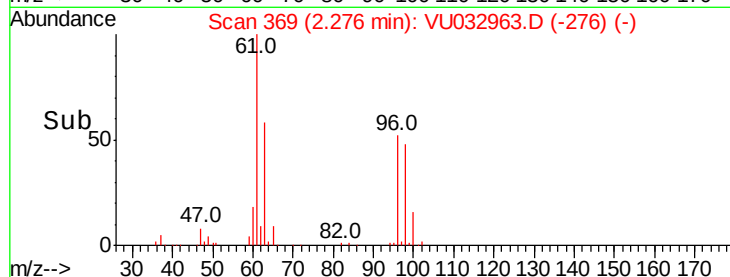
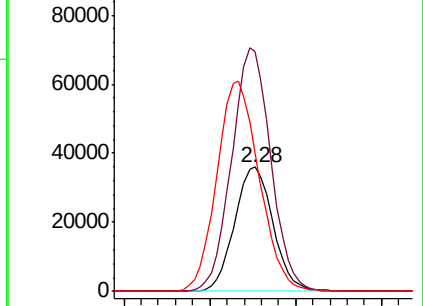
63 112.0 101.0 187.6



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-358) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU032949.D (-358) (-)



#13

Acetone

Concen: 2.080 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032963.D

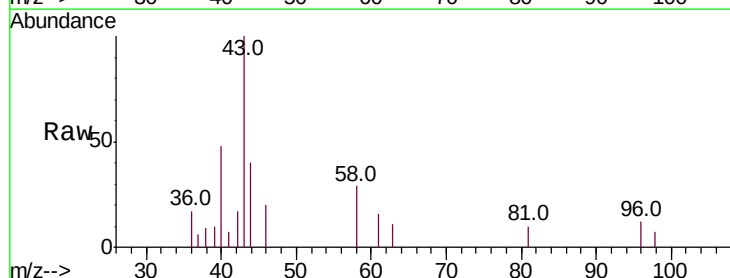
Acq: 21 Jun 2019 22:32

Tgt Ion: 43 Resp: 3246

Ion Ratio Lower Upper

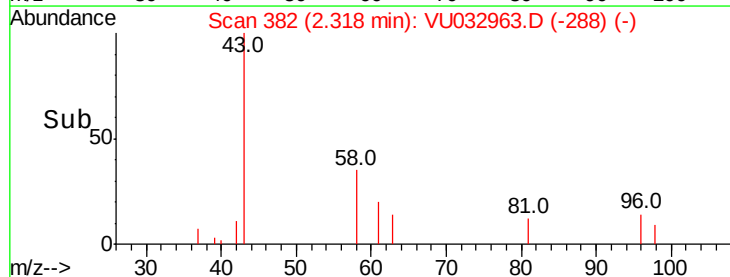
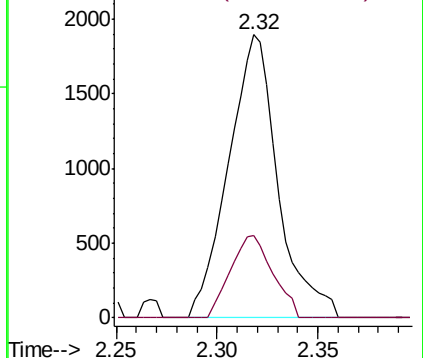
43 100

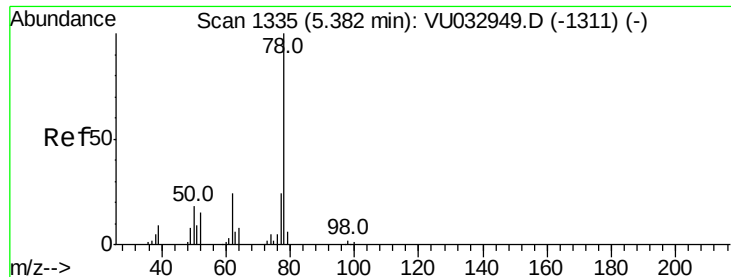
58 25.0 0.0 60.6



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

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





#33

Benzene

Concen: 48.725 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU032963.D

Acq: 21 Jun 2019 22:32

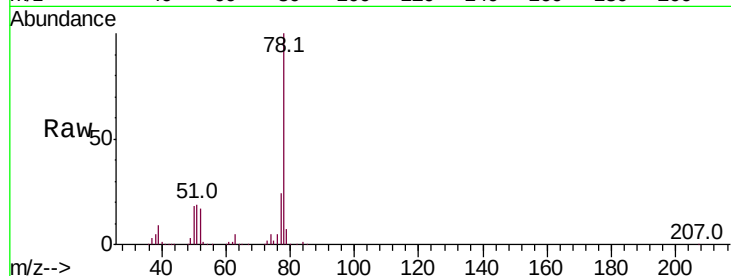
Instrument :

MSVOA_U

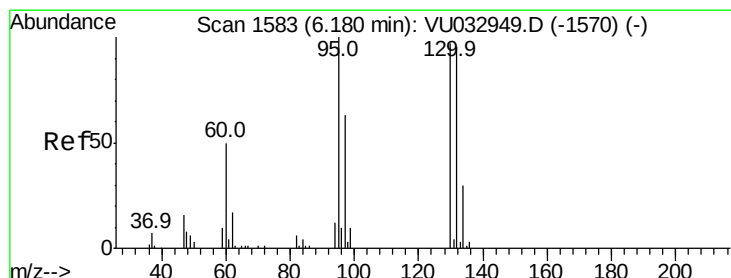
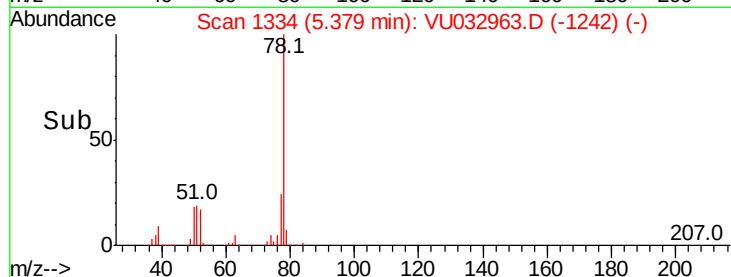
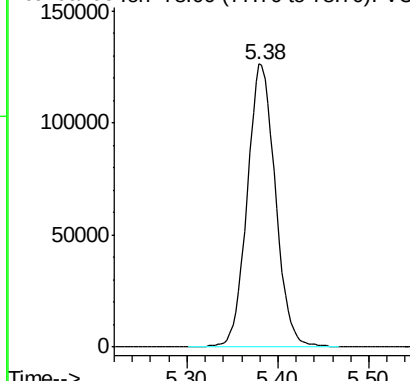
ClientSampleId :

ETF33MS

Tgt Ion: 78 Resp: 271663



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 47.207 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032963.D

Acq: 21 Jun 2019 22:32

Tgt Ion: 95 Resp: 70323

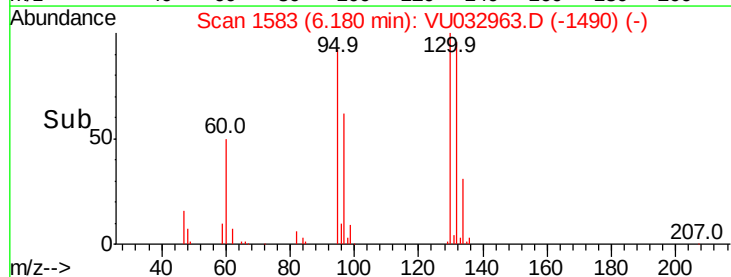
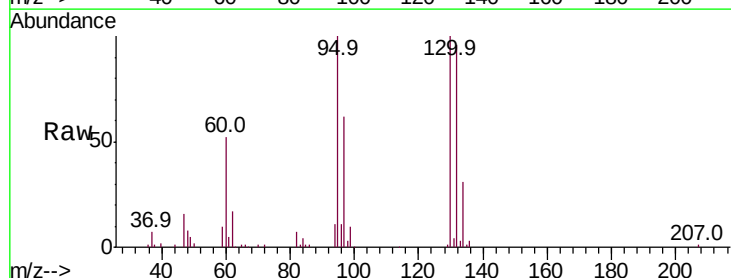
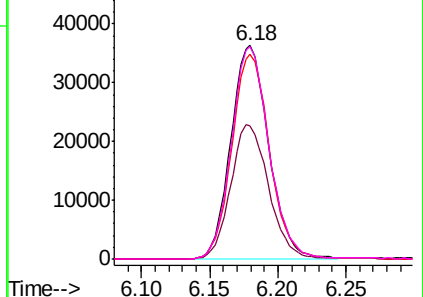
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.9	85.3
132	95.9	68.5	127.3
130	99.6	70.8	131.4

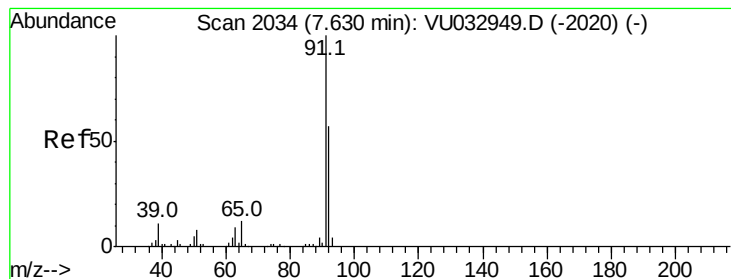
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 48.373 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032963.D

Acq: 21 Jun 2019 22:32

Instrument :

MSVOA_U

ClientSampleId :

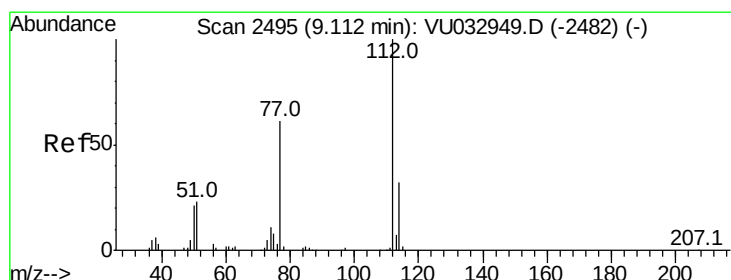
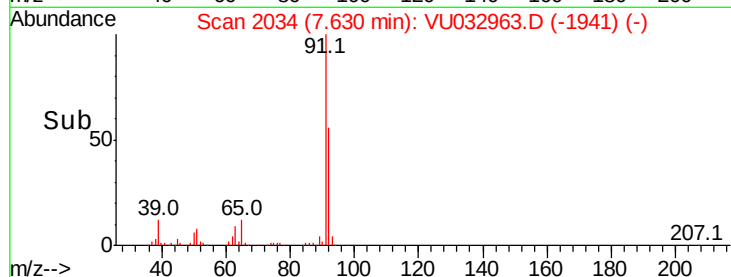
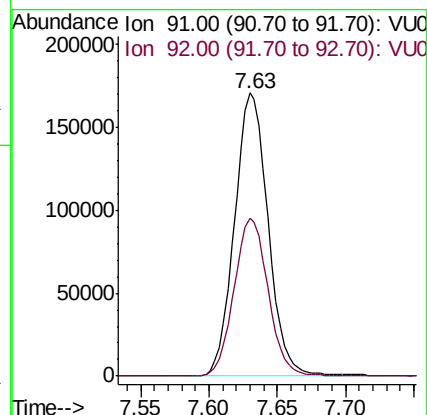
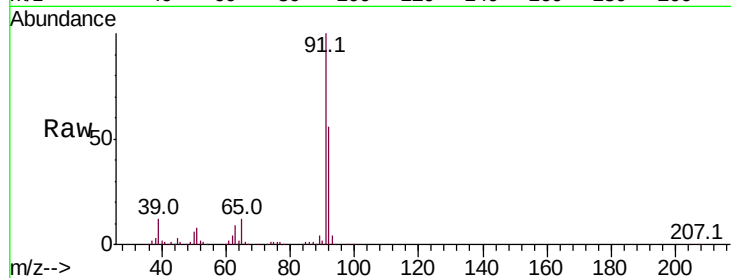
ETF33MS

Tot Ion: 91 Resp: 291804

Ion Ratio Lower Upper

91 100

92 55.7 40.4 75.0



#51

Chlorobenzene

Concen: 47.298 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032963.D

Acq: 21 Jun 2019 22:32

Tgt Ion: 112 Resp: 187752

Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 59.6 46.3 69.5

