

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035745.D
 Acq On : 18 Nov 2019 15:32
 Operator : JC/SP
 Sample : K5911-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL2

Quant Time: Nov 19 08:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	88516	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	81094	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.60	63	111813	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.70	46	215313	44.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.70%
24) Chloroform-d	5.11	84	124434	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	5.75	65	87664	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.77	84	318771	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.74	67	108964	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.93	98	258347	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	8.22	79	36049	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.70	63	157925	39.27	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91962	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	81124	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

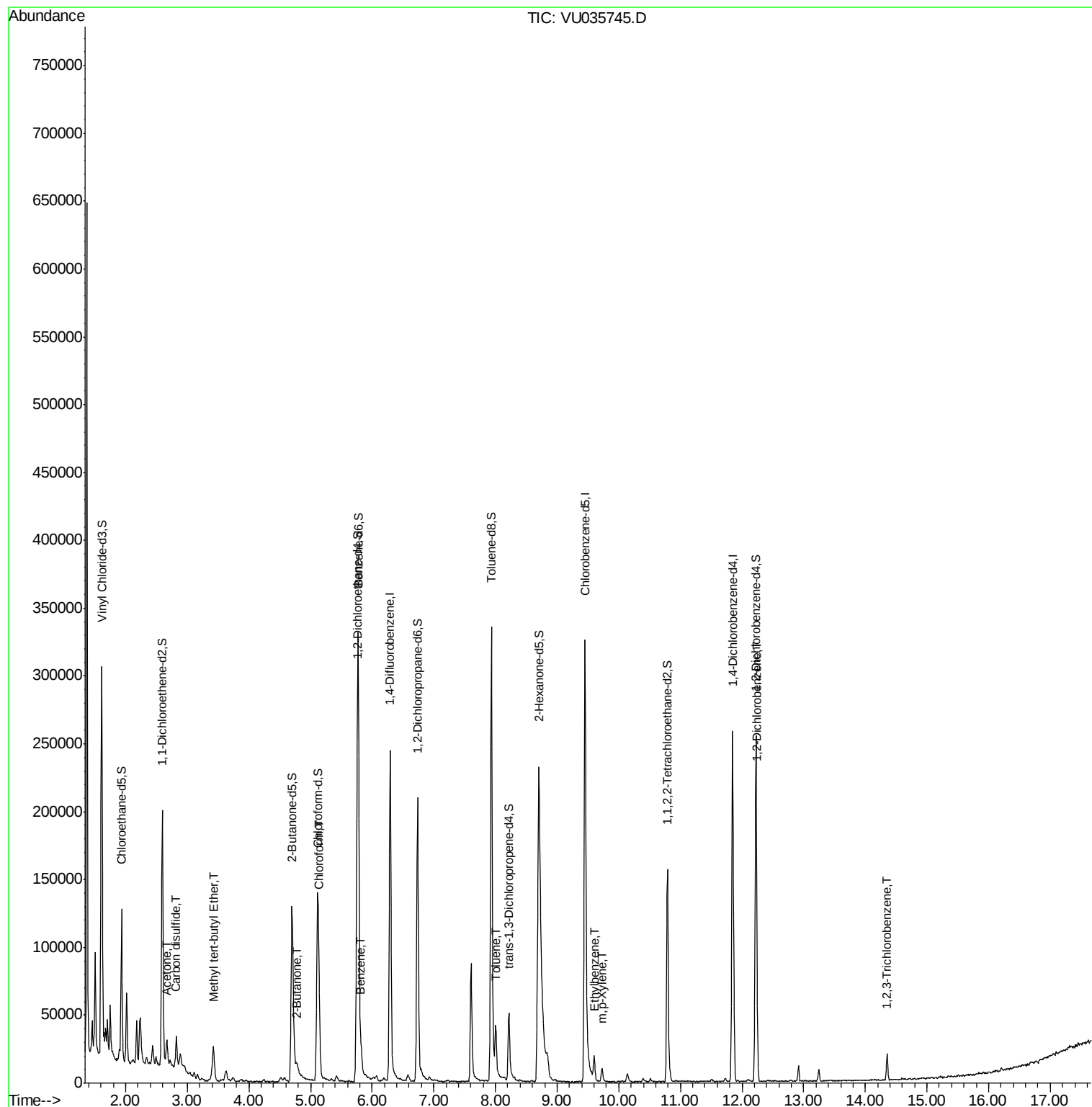
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	13405	3.830	ug/L	100
14) Carbon disulfide	2.82	76	28895	0.474	ug/L	95
17) Methyl tert-butyl Ether	3.42	73	26708	0.607	ug/L #	86
21) 2-Butanone	4.79	43	7514	1.446	ug/L	94
25) Chloroform	5.14	83	43240	1.107	ug/L	100
33) Benzene	5.82	78	14045	0.158	ug/L	100
42) Toluene	8.01	91	27863	0.298	ug/L	95
52) Ethylbenzene	9.60	91	15366	0.156	ug/L	100
53) m,p-Xylene	9.73	106	3930	0.105	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	6546	0.234	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	6510	0.582	ug/L	93

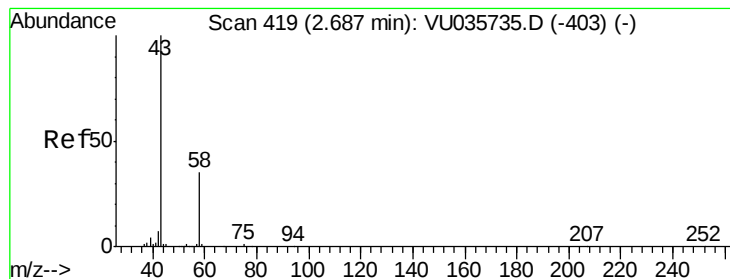
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035745.D
Acq On : 18 Nov 2019 15:32
Operator : JC/SP
Sample : K5911-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQL2

Quant Time: Nov 19 08:51:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.830 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU035745.D

Acq: 18 Nov 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

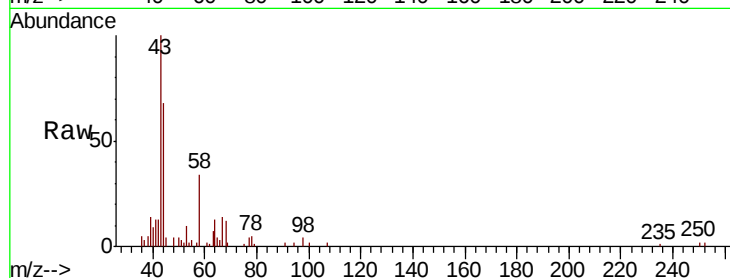
GAQL2

Tot Ion: 43 Resp: 13405

Ion Ratio Lower Upper

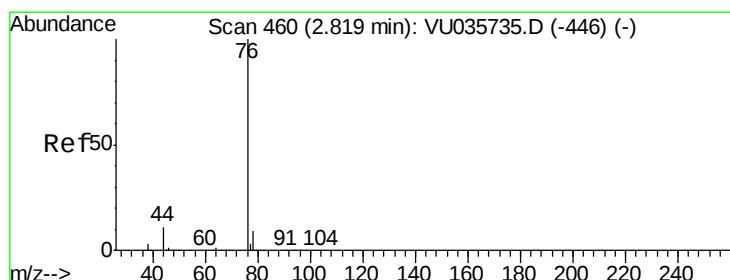
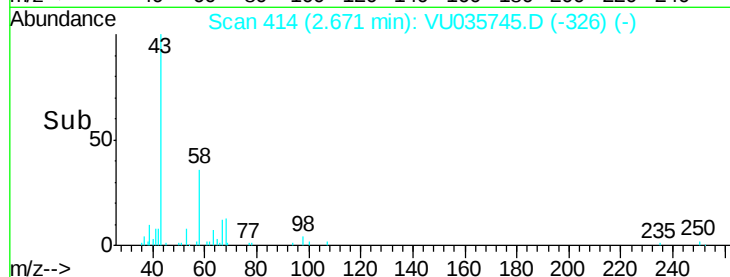
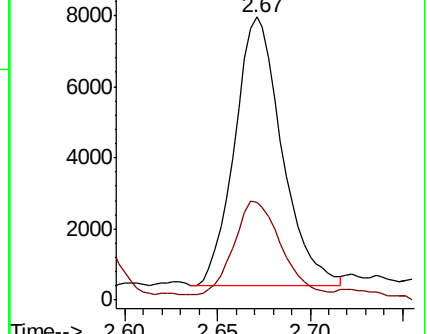
43 100

58 35.0 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)



#14

Carbon disulfide

Concen: 0.474 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035745.D

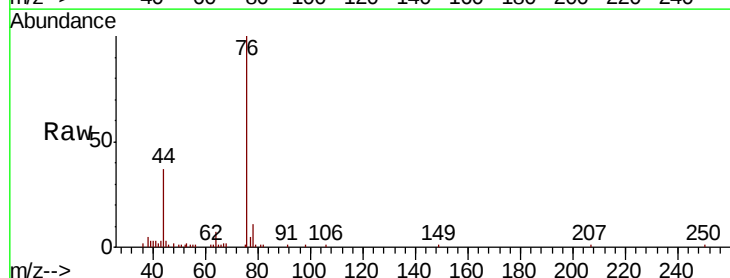
Acq: 18 Nov 2019 15:32

Tgt Ion: 76 Resp: 28895

Ion Ratio Lower Upper

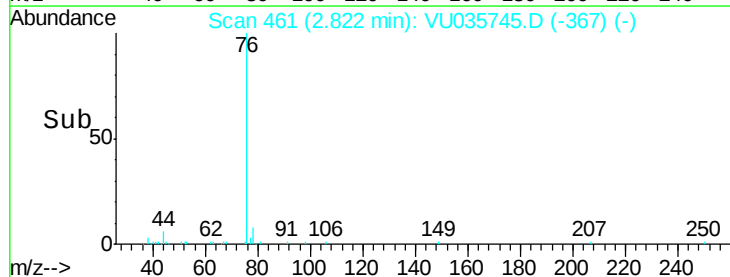
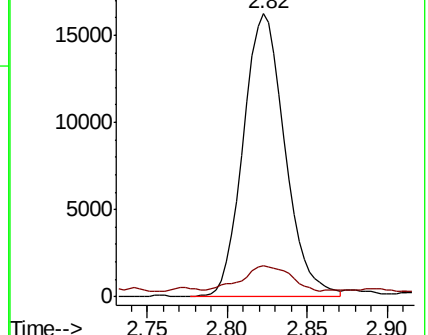
76 100

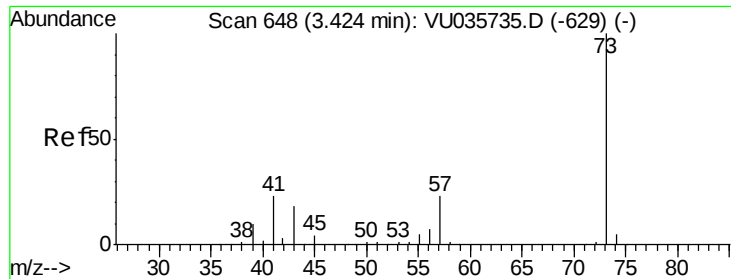
78 11.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU035735.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035735.D (-446) (-)

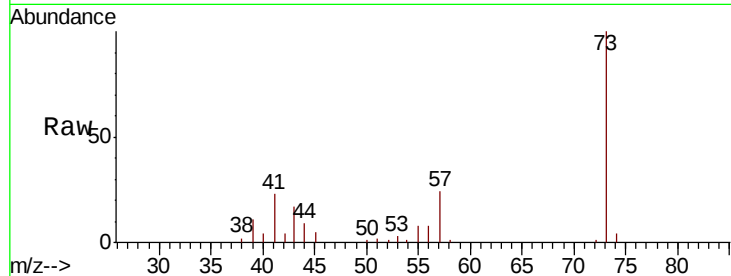




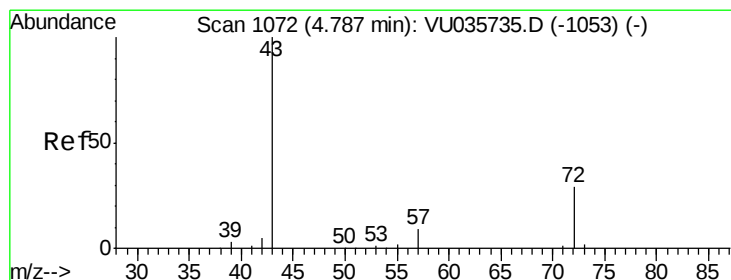
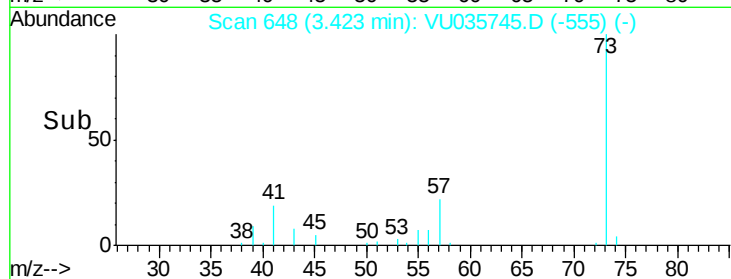
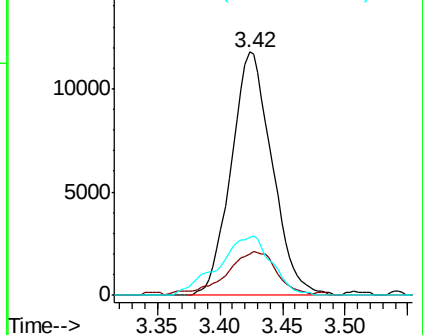
#17
Methvl tert-butvl Ether
Concen: 0.607 ug/L
RT: 3.42 min Scan# 648
Delta R.T. -0.00 min
Lab File: VU035745.D
Acq: 18 Nov 2019 15:32

Instrument :
MSVOA_U
ClientSampleId :
GAQL2

Tot Ion: 73 Resp: 26708
Ion Ratio Lower Upper
73 100
43 21.8 14.4 21.6#
57 31.6 18.2 27.2#

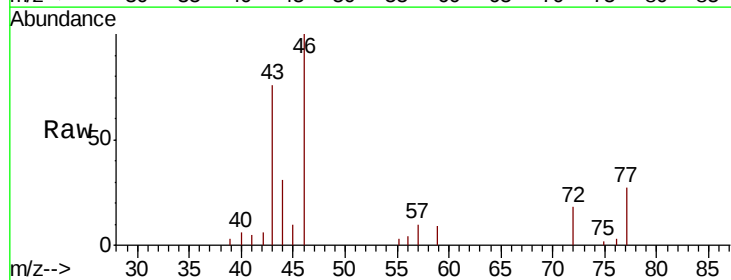


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

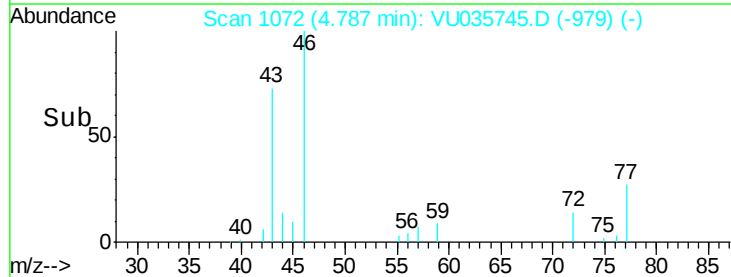
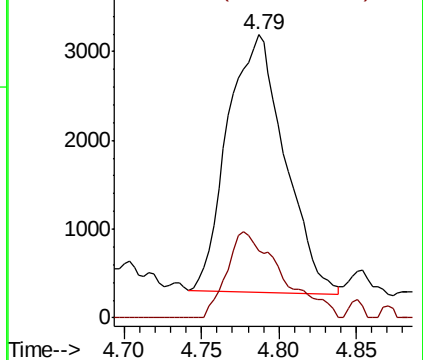


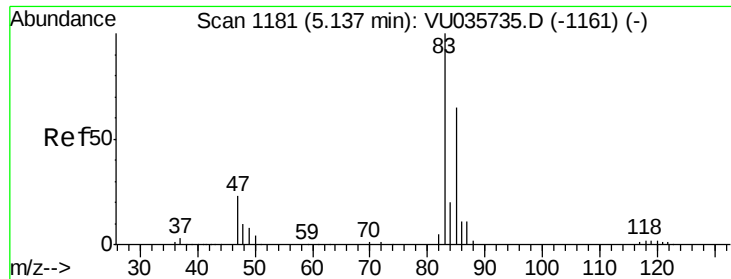
#21
2-Butanone
Concen: 1.446 ug/L
RT: 4.79 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VU035745.D
Acq: 18 Nov 2019 15:32

Tgt Ion: 43 Resp: 7514
Ion Ratio Lower Upper
43 100
72 31.9 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

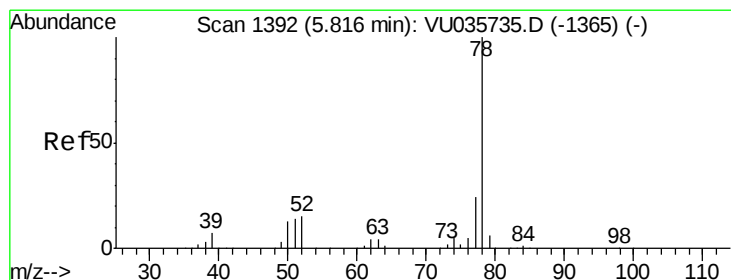
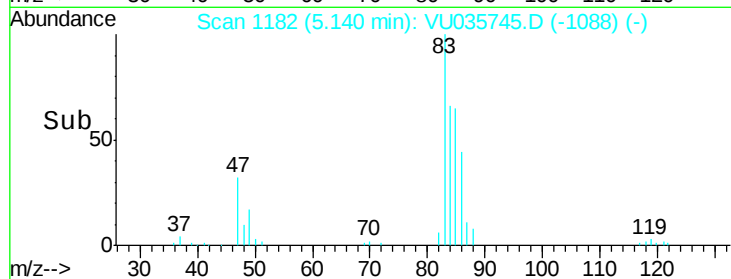
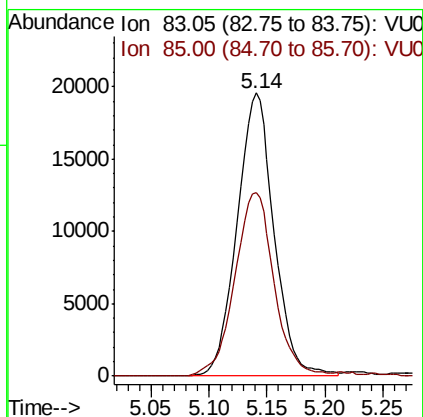
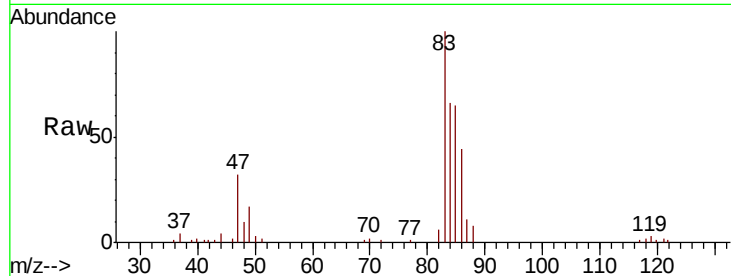




#25
Chloroform
Concen: 1.107 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035745.D
Acq: 18 Nov 2019 15:32

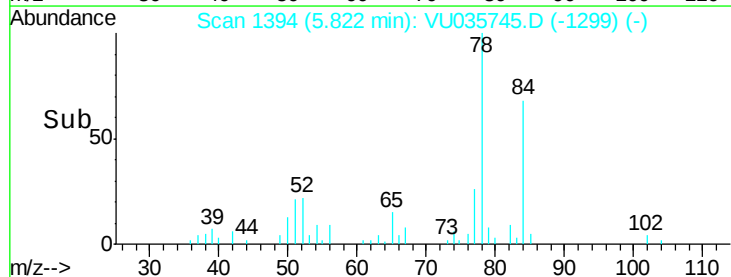
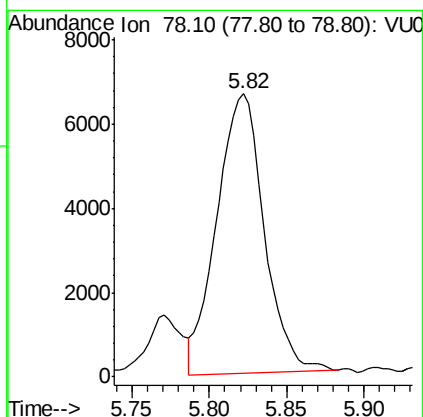
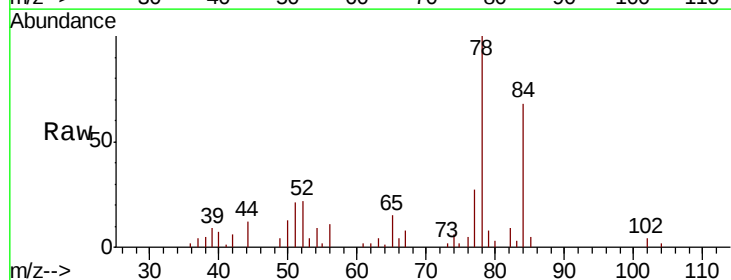
Instrument :
MSVOA_U
ClientSampleId :
GAQL2

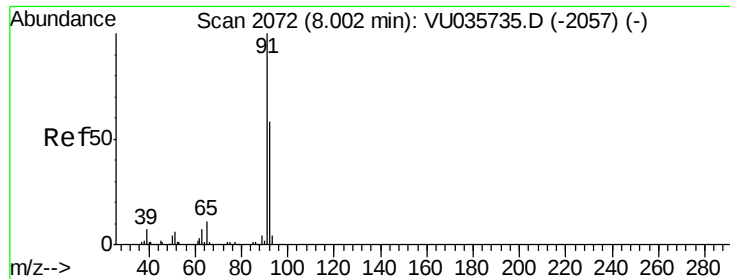
Tot Ion: 83 Resp: 43240
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#33
Benzene
Concen: 0.158 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. 0.01 min
Lab File: VU035745.D
Acq: 18 Nov 2019 15:32

Tgt Ion: 78 Resp: 14045





#42

Toluene

Concen: 0.298 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035745.D

Acq: 18 Nov 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

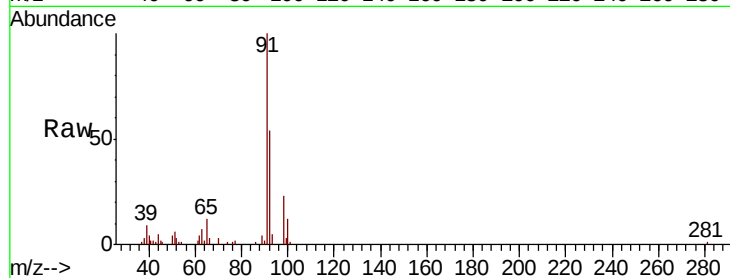
GAQL2

Tot Ion: 91 Resp: 27863

Ion Ratio Lower Upper

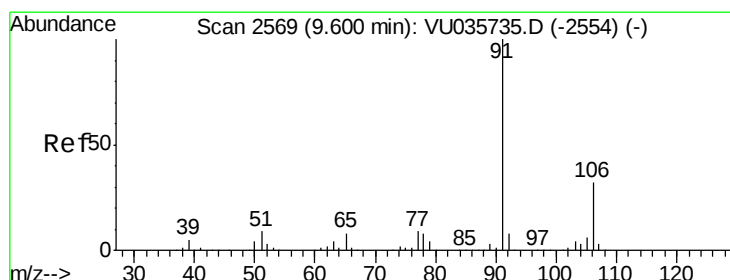
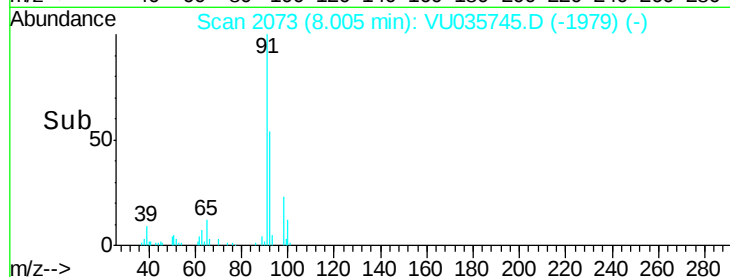
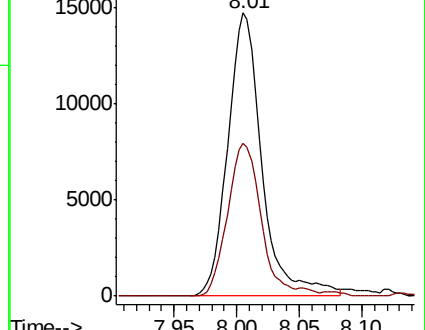
91 100

92 54.0 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU035735.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035735.D (-2057) (-)



#52

Ethylbenzene

Concen: 0.156 ug/L

RT: 9.60 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU035745.D

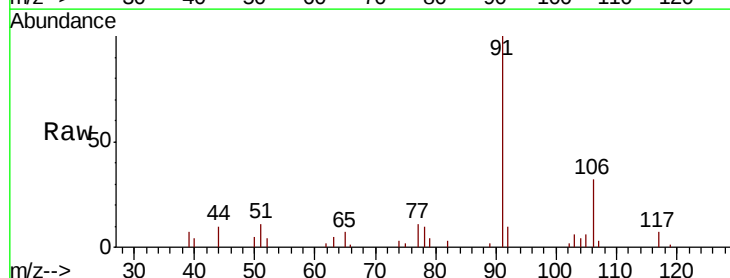
Acq: 18 Nov 2019 15:32

Tgt Ion: 91 Resp: 15366

Ion Ratio Lower Upper

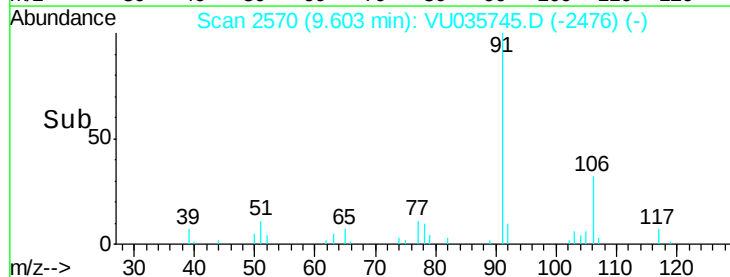
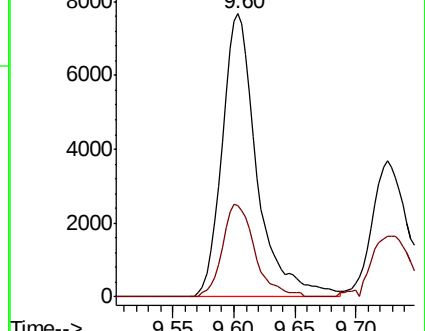
91 100

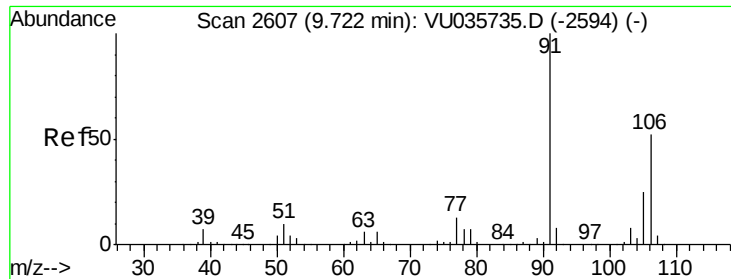
106 32.1 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): VU035735.D (-2554) (-)

Ion 106.15 (105.85 to 106.85): VU035735.D (-2554) (-)





#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.73 min Scan# 2609

Delta R.T. 0.01 min

Lab File: VU035745.D

Acq: 18 Nov 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

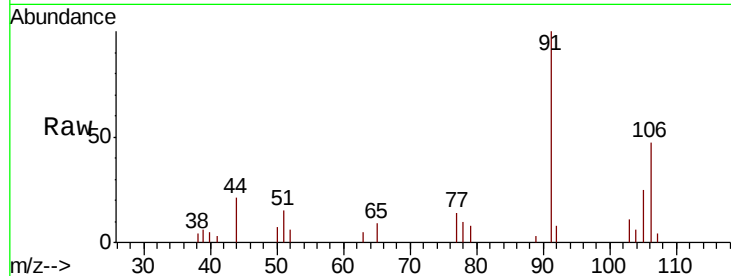
GAQL2

Tot Ion:106 Resp: 3930

Ion Ratio Lower Upper

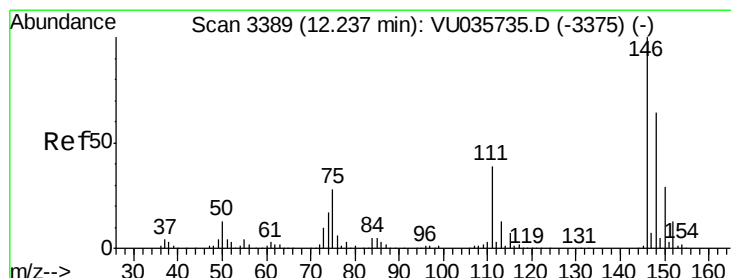
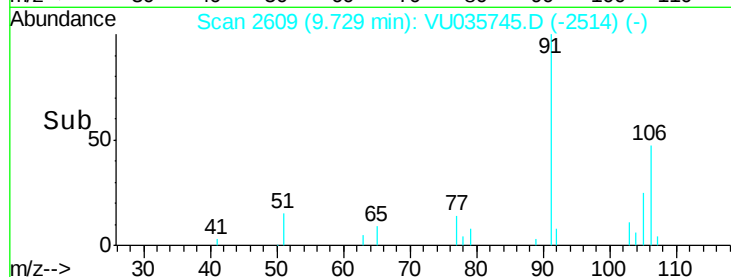
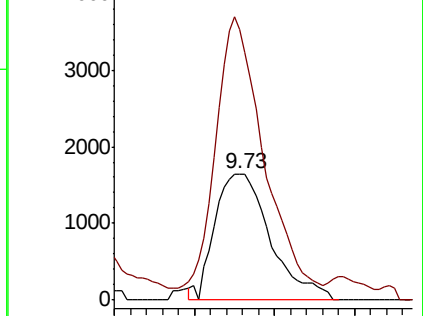
106 100

91 214.2 139.4 259.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#65

1,2-Dichlorobenzene

Concen: 0.234 ug/L

RT: 12.24 min Scan# 3391

Delta R.T. 0.01 min

Lab File: VU035745.D

Acq: 18 Nov 2019 15:32

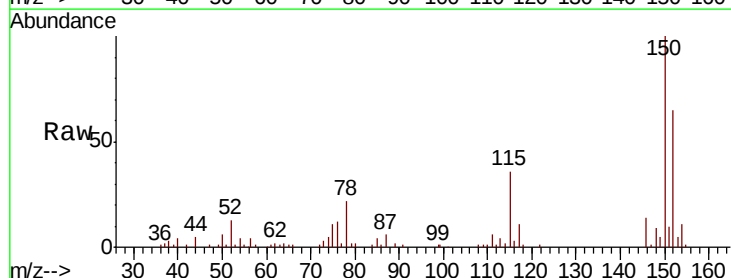
Tgt Ion:146 Resp: 6546

Ion Ratio Lower Upper

146 100

111 41.1 32.2 48.4

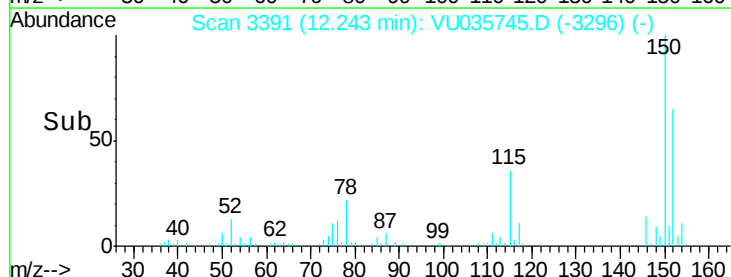
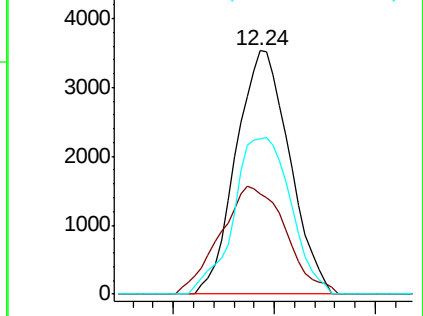
148 64.0 50.7 76.1

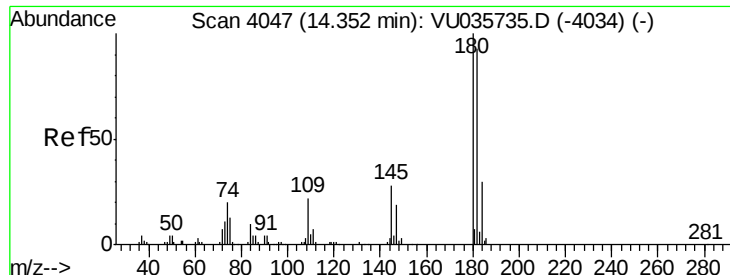


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

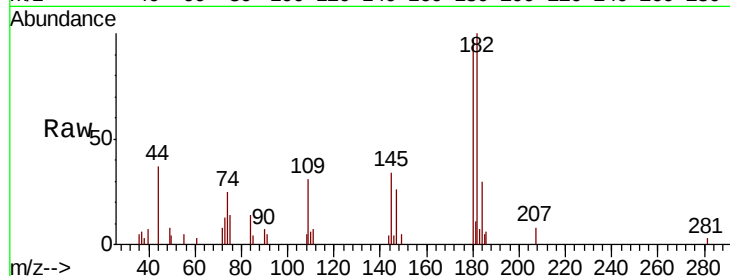




#70
 1,2,3-Trichlorobenzene
 Concen: 0.582 ug/L
 RT: 14.36 min Scan# 4048
 Delta R.T. 0.00 min
 Lab File: VU035745.D
 Acq: 18 Nov 2019 15:32

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL2

Tot Ion:180 Resp: 6510
 Ion Ratio Lower Upper
 180 100
 182 100.0 74.8 112.2
 145 33.6 23.6 35.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

