

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035252.D
 Acq On : 18 Oct 2019 08:24
 Operator : JC/SP
 Sample : K5419-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G23

Quant Time: Oct 18 14:59:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 07:32:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	324024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	101183	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	94127	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.60	63	142072	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.71	46	247063	43.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.02%
24) Chloroform-d	5.11	84	173658	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	101304	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	376120	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.74	67	120717	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.93	98	354857	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.22	79	52024	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.69	63	222025	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96339	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	119208	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

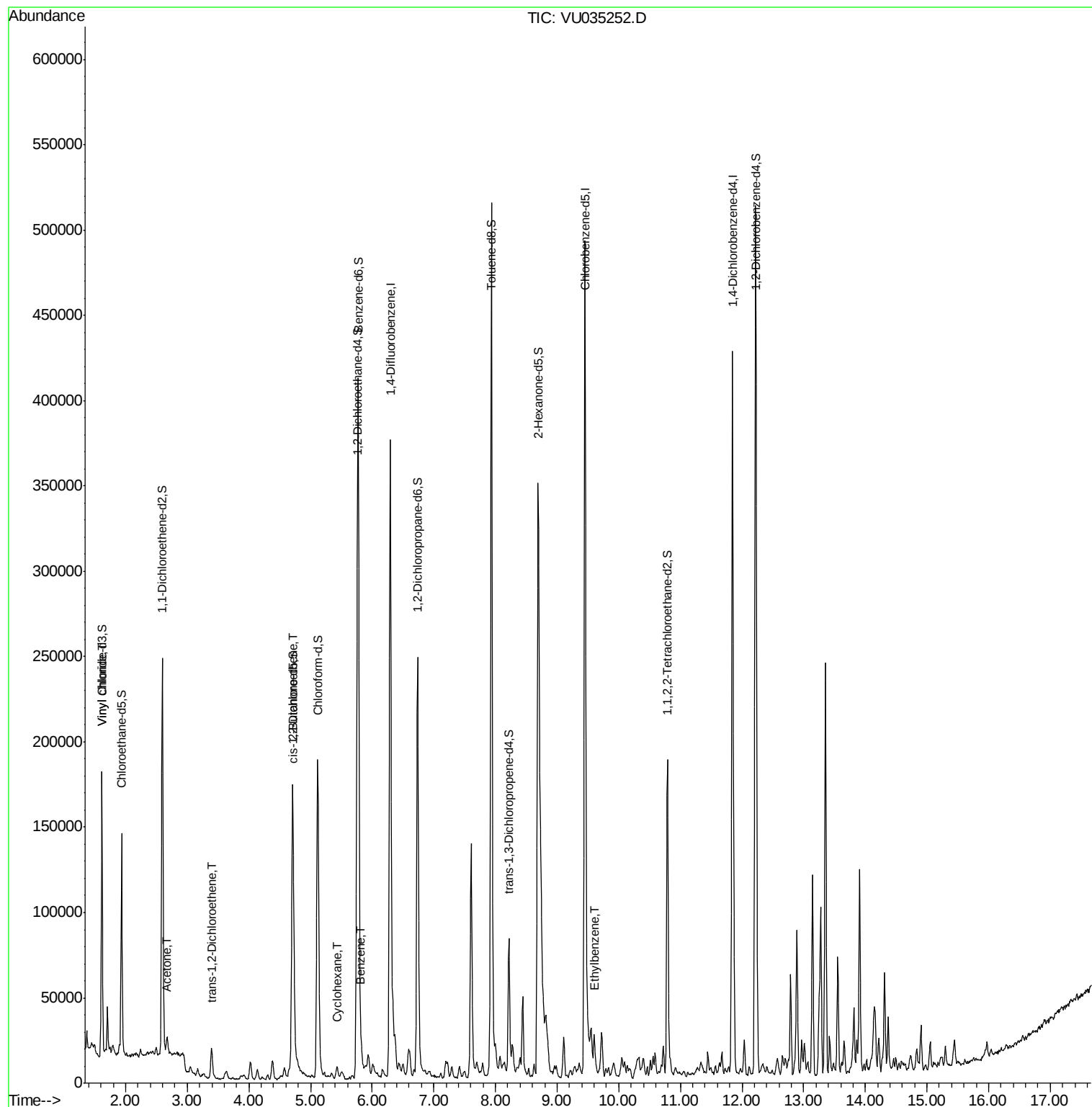
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	13763	0.490	ug/L #	78
13) Acetone	2.67	43	10619	2.689	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	6160	0.274	ug/L	92
22) cis-1,2-Dichloroethene	4.73	96	15144	0.610	ug/L	97
30) Cyclohexane	5.43	56	3572	0.089	ug/L #	71
33) Benzene	5.82	78	9035	0.096	ug/L	100
52) Ethylbenzene	9.60	91	14236	0.121	ug/L	94

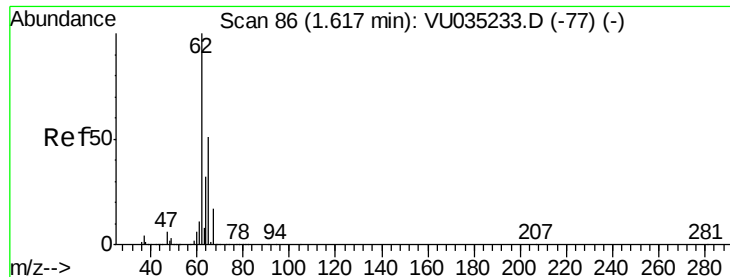
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.490 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035252.D

Acq: 18 Oct 2019 08:24

Instrument :

MSVOA_U

ClientSampled :

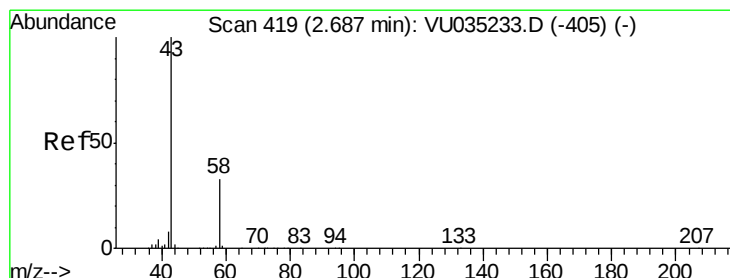
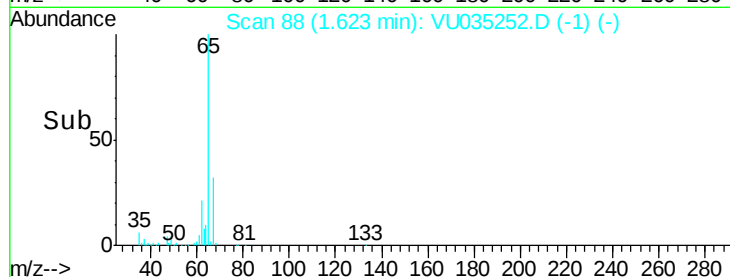
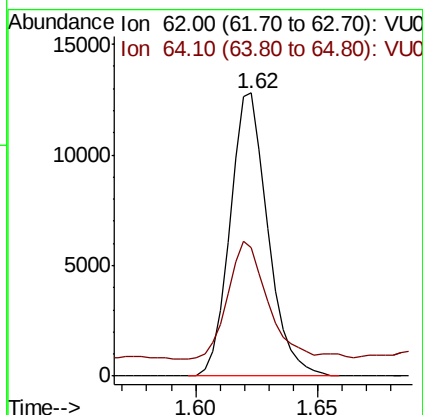
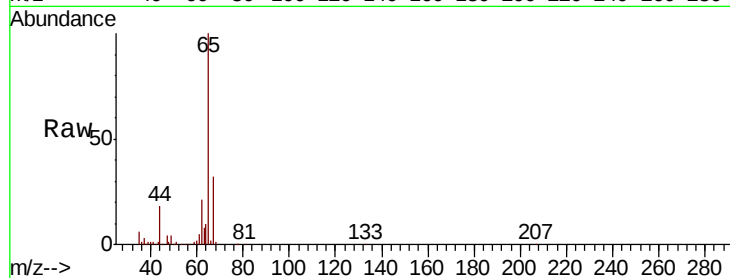
H0G23

Tot Ion: 62 Resp: 13763

Ion Ratio Lower Upper

62 100

64 45.2 22.9 42.5#



#13

Acetone

Concen: 2.689 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035252.D

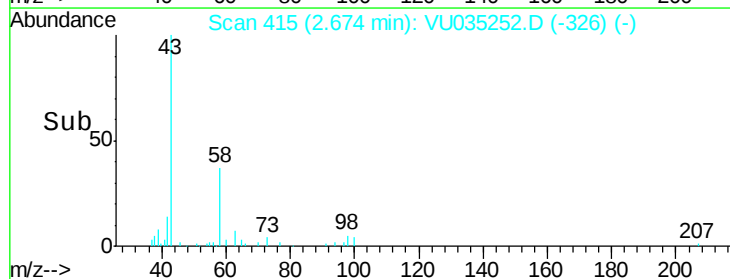
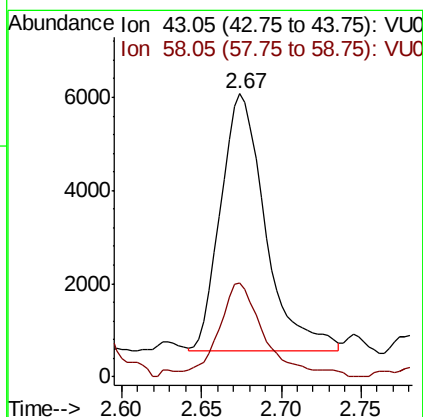
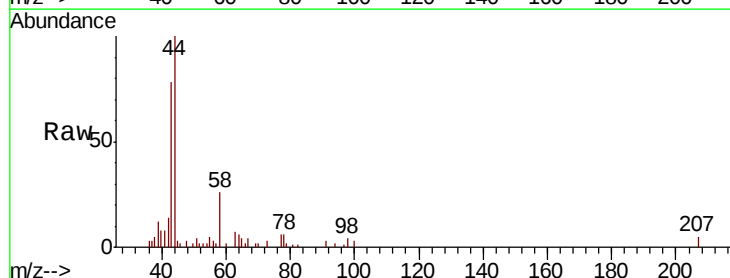
Acq: 18 Oct 2019 08:24

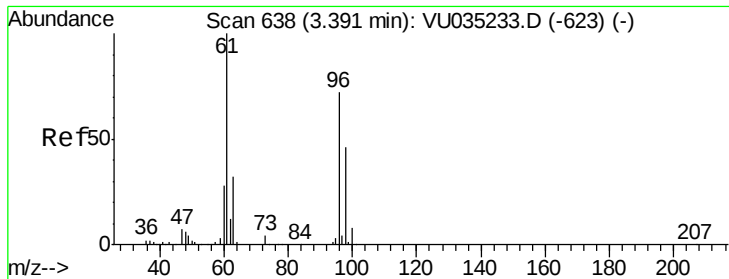
Tgt Ion: 43 Resp: 10619

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.274 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035252.D

Acq: 18 Oct 2019 08:24

Instrument :

MSVOA_U

ClientSampleId :

H0G23

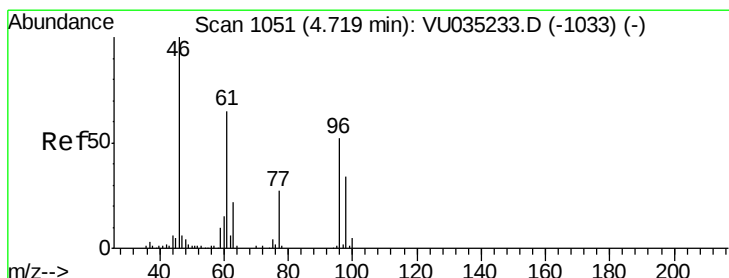
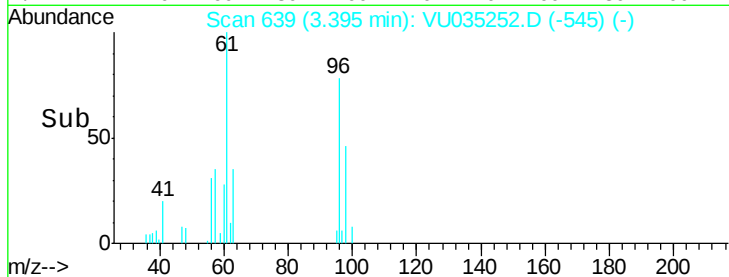
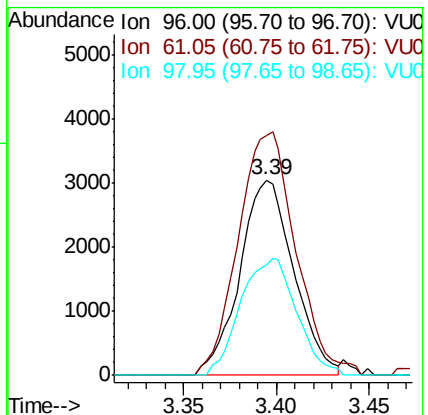
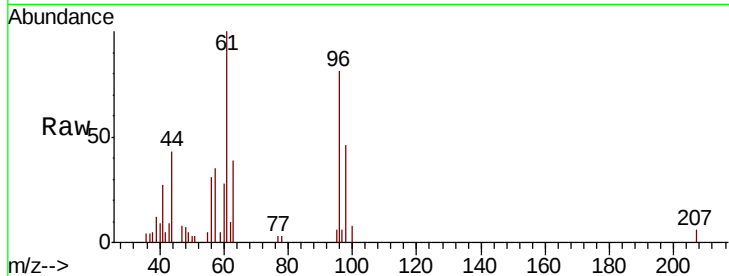
Tot Ion: 96 Resp: 6160

Ion Ratio Lower Upper

96 100

61 122.9 93.0 172.6

98 56.3 43.7 81.1



#22

cis-1,2-Dichloroethene

Concen: 0.610 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU035252.D

Acq: 18 Oct 2019 08:24

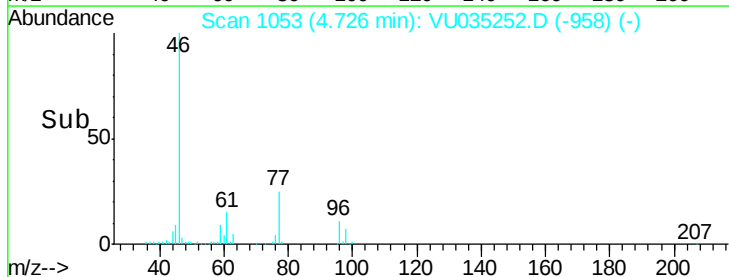
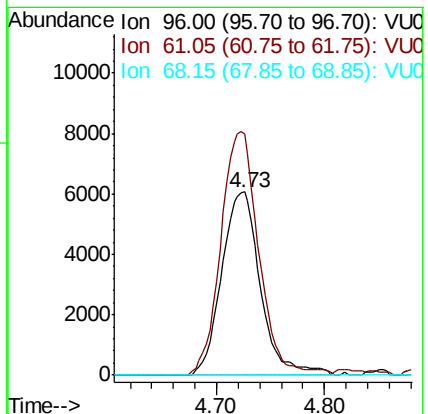
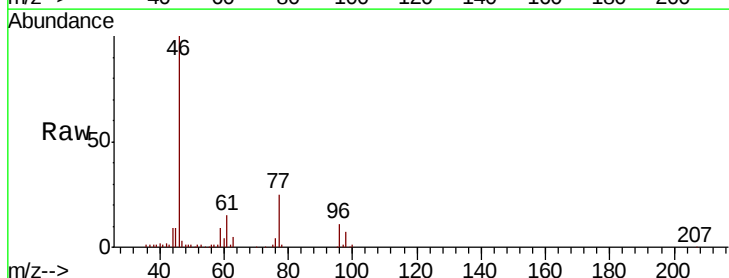
Tgt Ion: 96 Resp: 15144

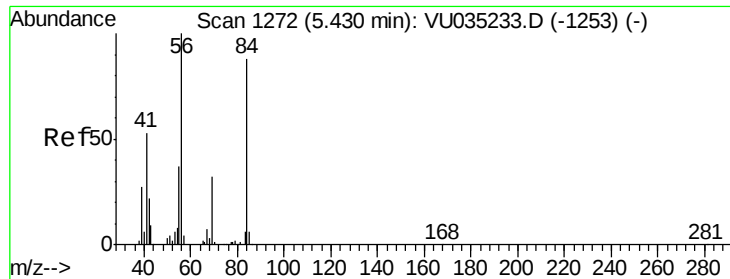
Ion Ratio Lower Upper

96 100

61 131.7 89.7 166.5

68 0.0 0.0 0.0

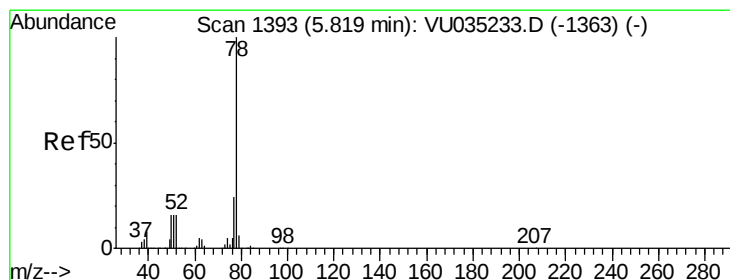
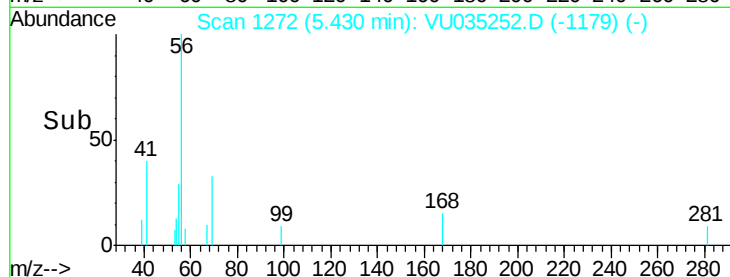
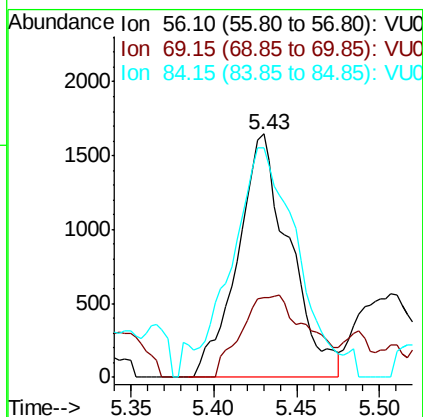
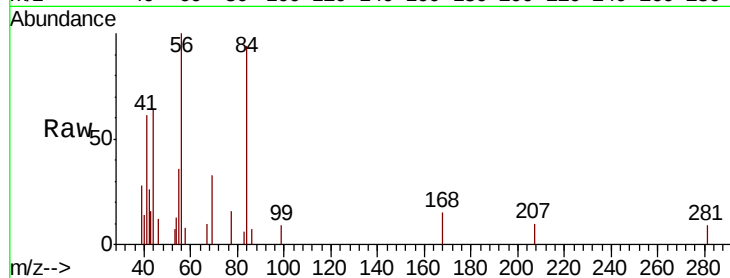




#30
Cyclohexane
Concen: 0.089 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU035252.D
Acq: 18 Oct 2019 08:24

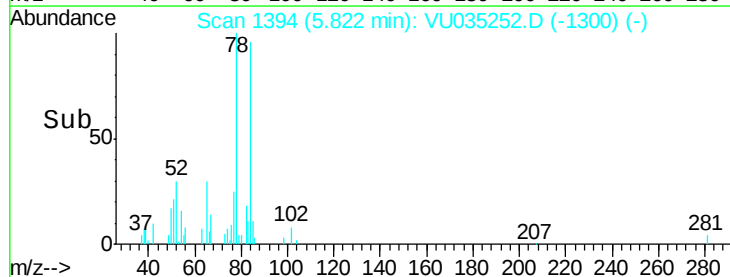
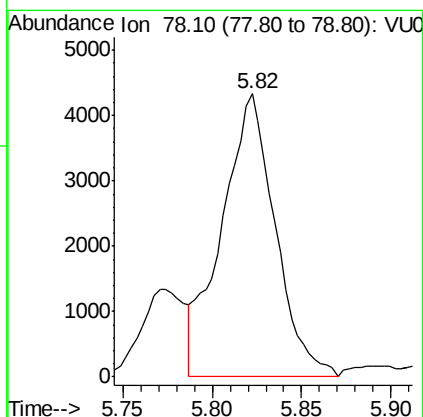
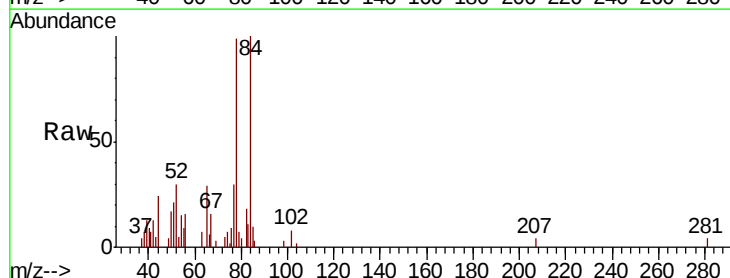
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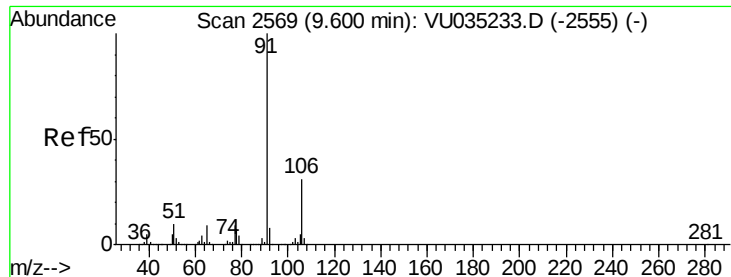
Tot Ion: 56 Resp: 3572
Ion Ratio Lower Upper
56 100
69 43.4 24.6 36.8#
84 118.6 71.5 107.3#



#33
Benzene
Concen: 0.096 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. 0.00 min
Lab File: VU035252.D
Acq: 18 Oct 2019 08:24

Tgt Ion: 78 Resp: 9035





#52
Ethylbenzene
Concen: 0.121 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035252.D
Acq: 18 Oct 2019 08:24

Instrument :
MSVOA_U
ClientSampleId :
H0G23

Tot Ion: 91 Resp: 14236
Ion Ratio Lower Upper
91 100
106 27.4 21.3 39.6

