

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035445.D
 Acq On : 24 Oct 2019 08:26
 Operator : JC/SP
 Sample : K5509-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G48

Manual Integrations
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MMDadoda
 10/24/2019 9:51:25 AM

Quant Time: Oct 24 08:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:45:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	212272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51048	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	54401	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	76259	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.73	46	216138	59.98	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	5.11	84	122480	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.75	65	73821	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.77	84	221744	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.74	67	83398	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.93	98	174834	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.22	79	28498	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.69	63	170057	51.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80553	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	72588	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	93829	5.262	ug/L	98
13) Acetone	2.71	43	2093898	835.307	ug/L	94
17) Methyl tert-butyl Ether	3.43	73	37697	1.060	ug/L #	70
18) trans-1,2-Dichloroethene	3.39	96	18714	1.312	ug/L	94
19) 1,1-Dichloroethane	3.92	63	11374	0.441	ug/L	97
21) 2-Butanone	4.81	43	10101	2.472	ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	175723	11.150	ug/L	99
33) Benzene	5.82	78	11725m	0.188	ug/L	
34) Trichloroethene	6.58	95	60823	3.622	ug/L	93
42) Toluene	8.01	91	63196	0.917	ug/L	97
52) Ethylbenzene	9.60	91	32353	0.413	ug/L	96
53) m,p-Xylene	9.72	106	7703	0.260	ug/L	86
54) o-Xylene	10.13	106	7605	0.263	ug/L	91

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

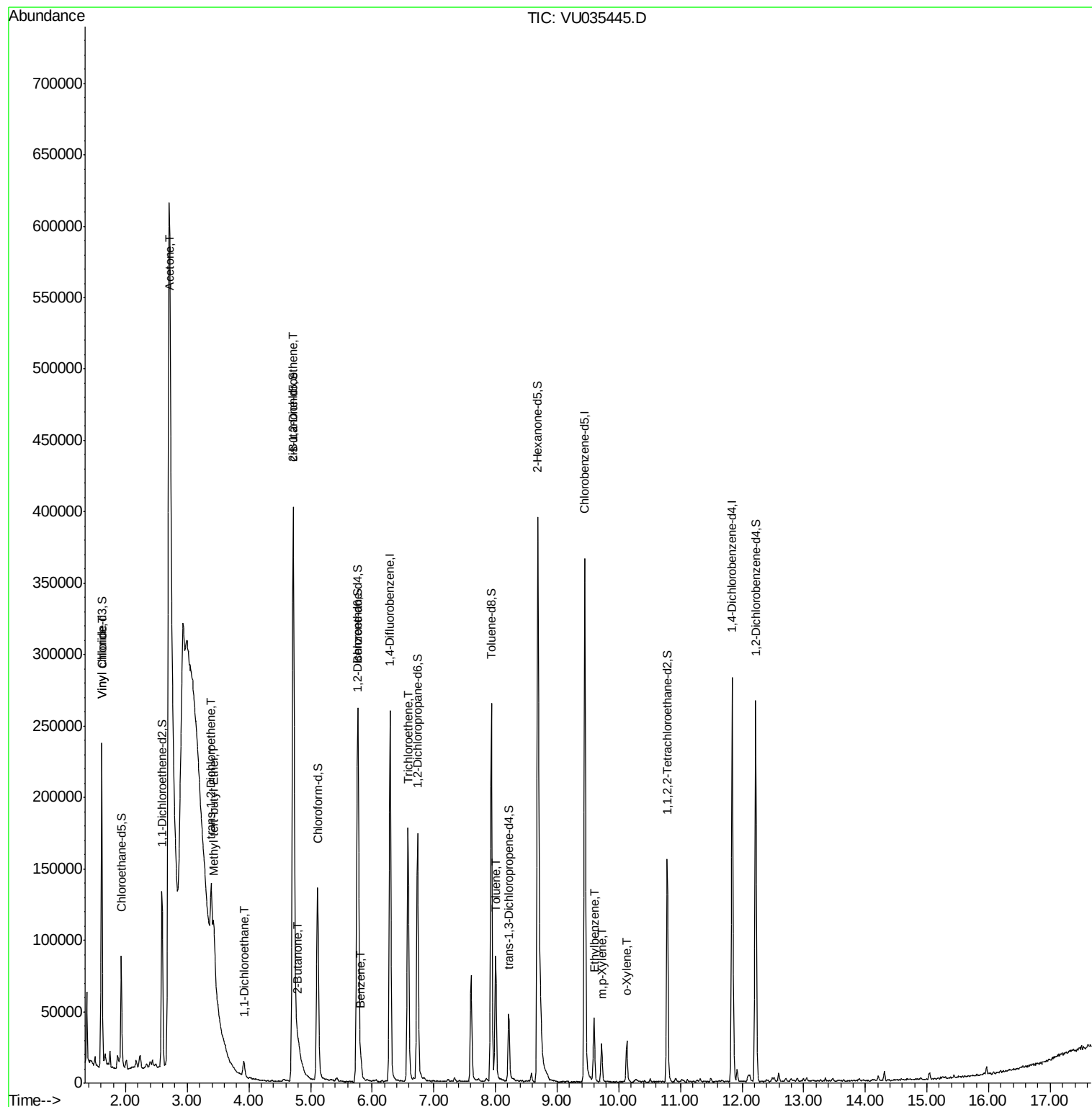
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102319\
Data File : VU035445.D
Acq On : 24 Oct 2019 08:26
Operator : JC/SP
Sample : K5509-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 54 Sample Multiplier: 1

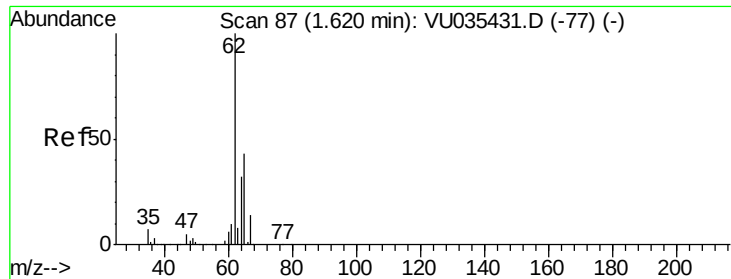
Instrument :
MSVOA_U
ClientSampleId :
H0G48

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Quant Time: Oct 24 08:51:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:45:49 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.262 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035445.D

Acq: 24 Oct 2019 08:26

Instrument :

MSVOA_U

ClientSampled :

H0G48

Tot Ion: 62 Resp: 93829

Ion Ratio Lower Upper

62 100

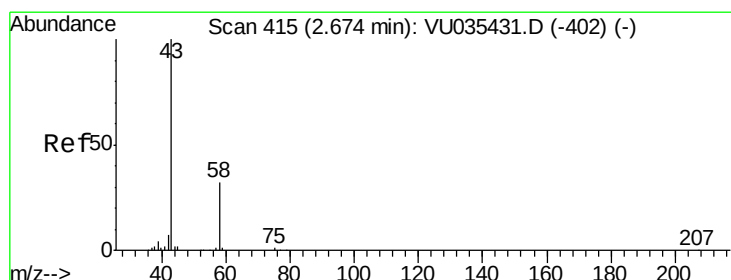
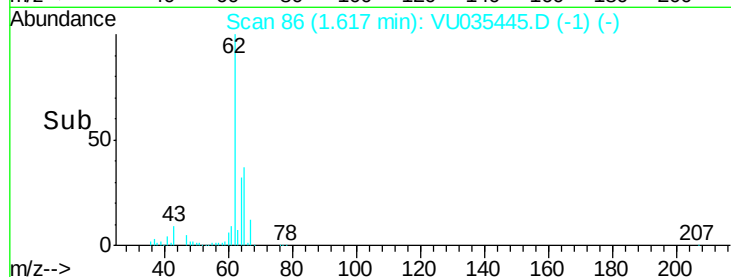
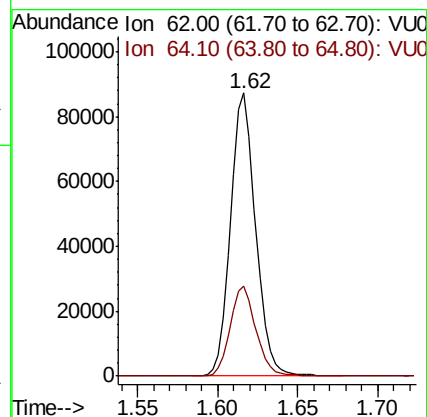
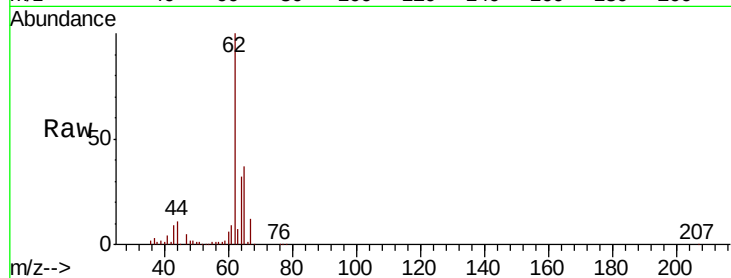
64 31.7 22.9 42.5

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#13

Acetone

Concen: 835.307 ug/L

RT: 2.71 min Scan# 425

Delta R.T. 0.04 min

Lab File: VU035445.D

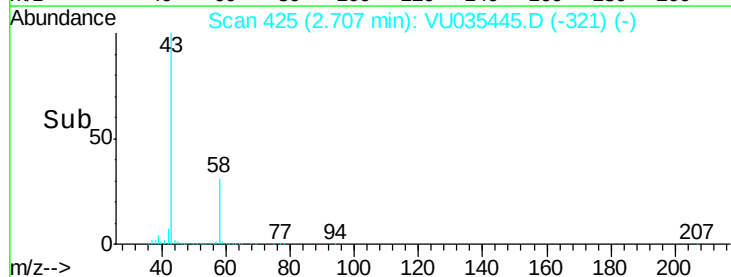
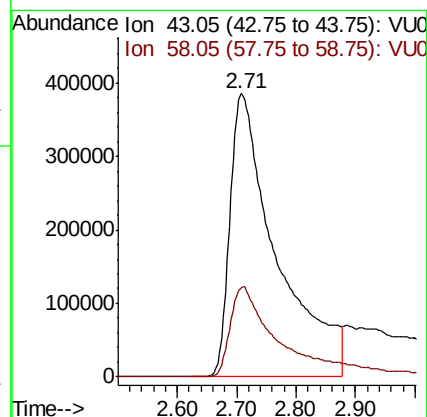
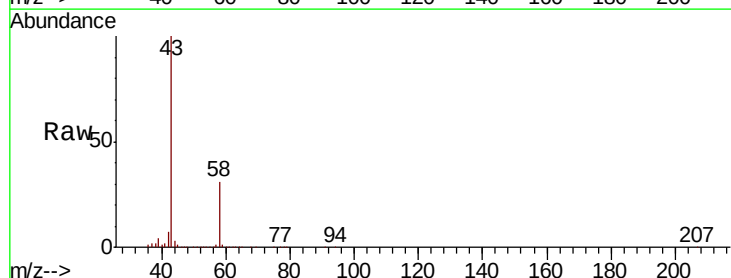
Acq: 24 Oct 2019 08:26

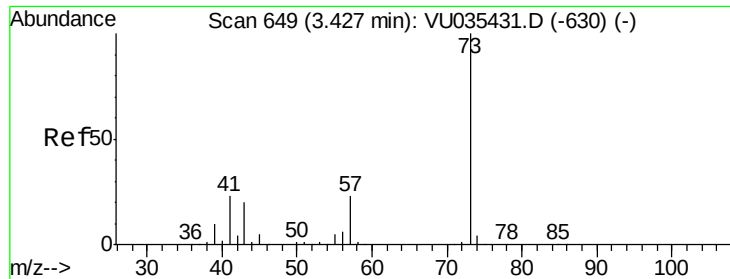
Tgt Ion: 43 Resp: 2093898

Ion Ratio Lower Upper

43 100

58 34.2 0.0 61.8





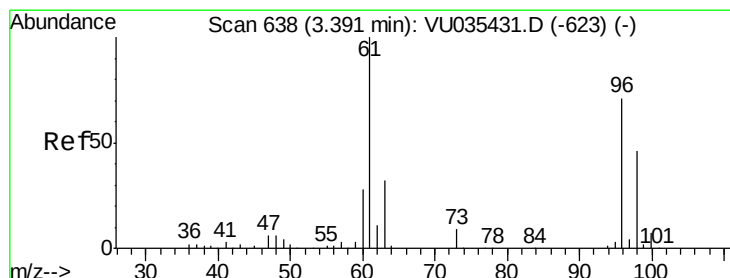
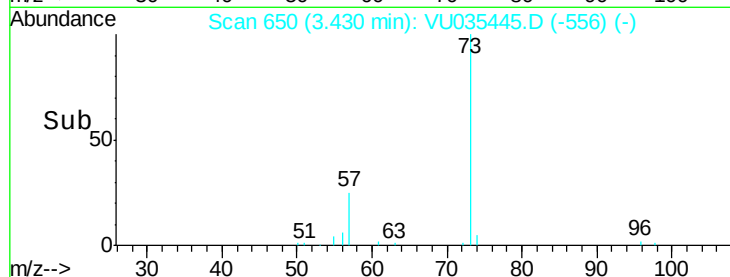
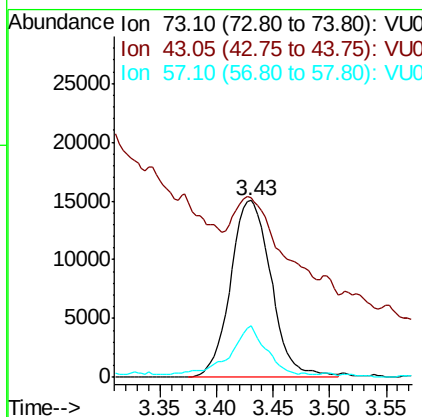
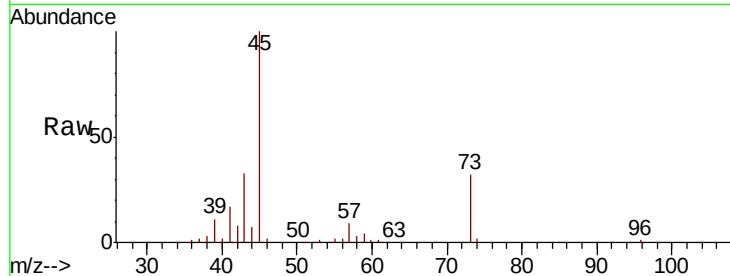
#17
Methyl tert-butyl Ether
Concen: 1.060 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035445.D
Acq: 24 Oct 2019 08:26

Instrument :
MSVOA_U
ClientSampled :
H0G48

Tot Ion	Ratio	Lower	Upper
73	100		
43	47.5	16.0	24.0#
57	23.3	17.4	26.2

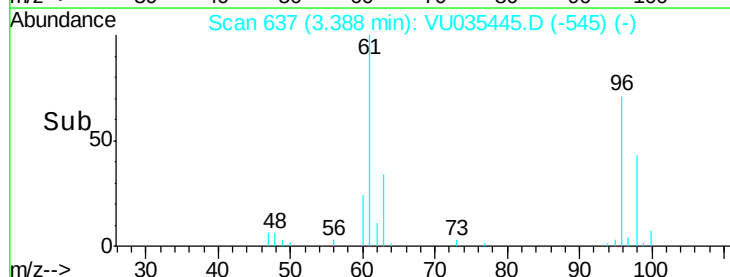
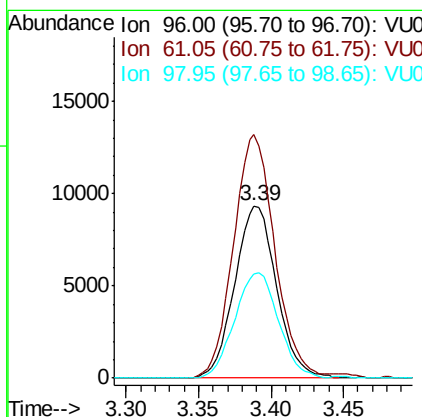
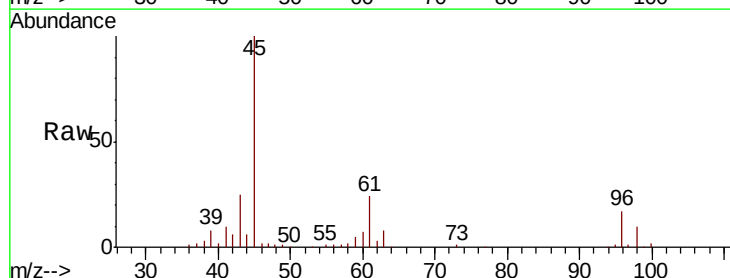
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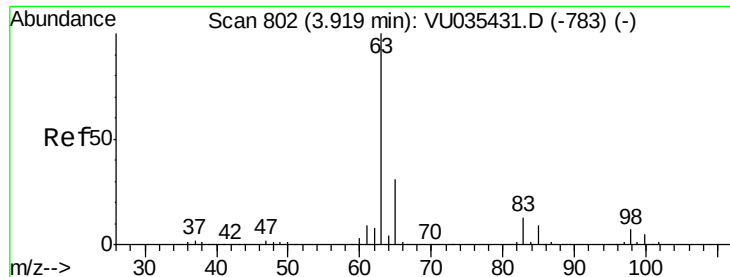
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#18
trans-1,2-Dichloroethene
Concen: 1.312 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035445.D
Acq: 24 Oct 2019 08:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.3	93.0	172.6
98	60.6	43.7	81.1





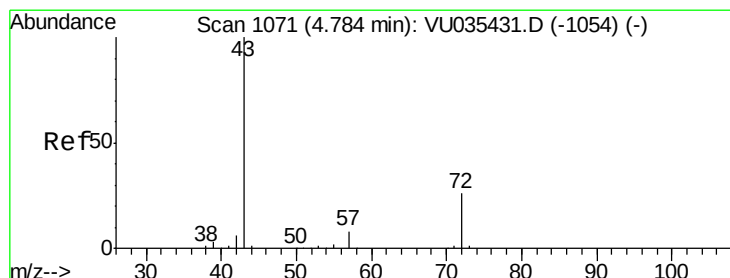
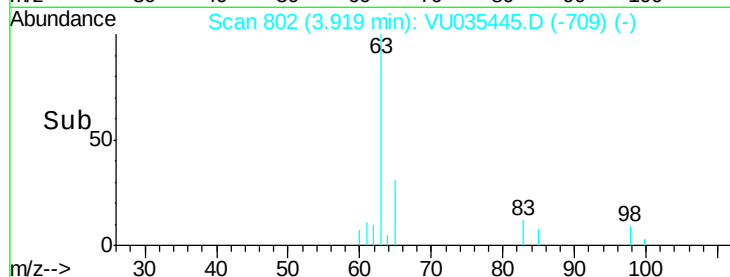
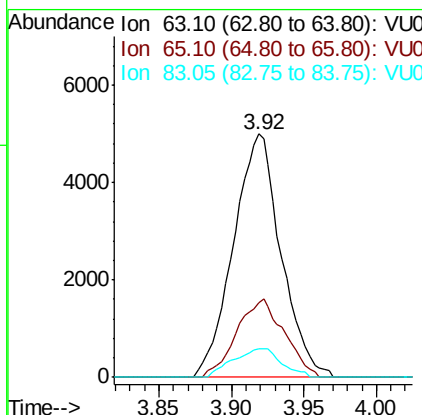
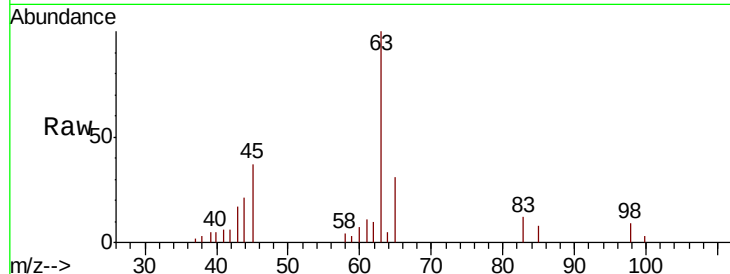
#19
 1,1-Dichloroethane
 Concen: 0.441 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035445.D
 Acq: 24 Oct 2019 08:26

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G48

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.4	41.6
83	11.7	9.3	17.3

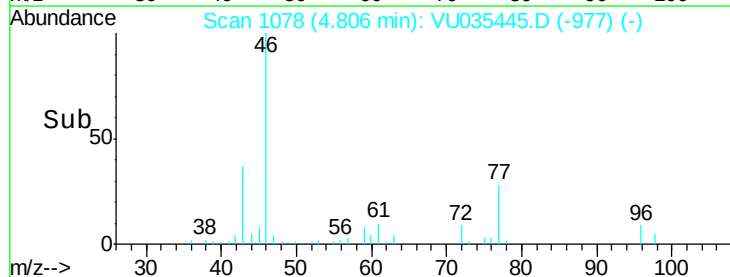
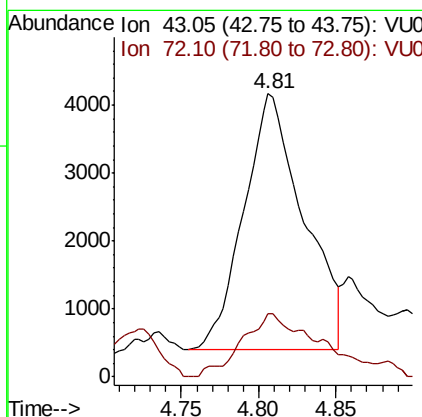
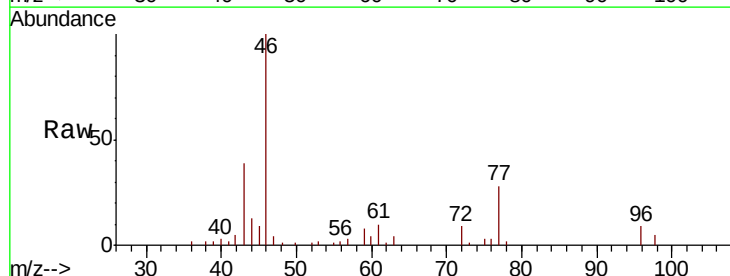
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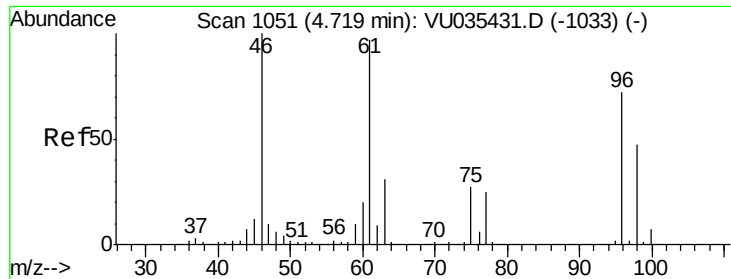
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#21
 2-Butanone
 Concen: 2.472 ug/L
 RT: 4.81 min Scan# 1078
 Delta R.T. 0.03 min
 Lab File: VU035445.D
 Acq: 24 Oct 2019 08:26

Tgt Ion	Ratio	Lower	Upper
43	100		
72	32.3	13.6	40.8





#22

cis-1,2-Dichloroethene

Concen: 11.150 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035445.D

Acq: 24 Oct 2019 08:26

Instrument :

MSVOA_U

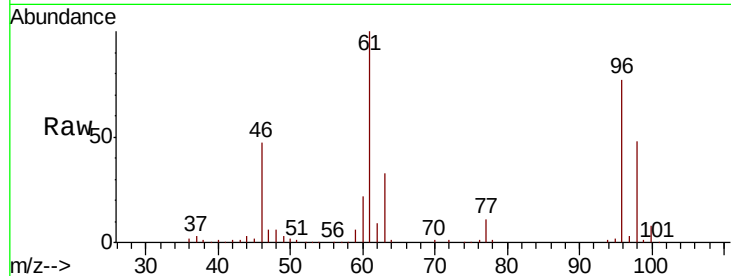
ClientSampleId :

H0G48

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	129.6	89.7	166.5	
68	0.0	0.0	0.0	

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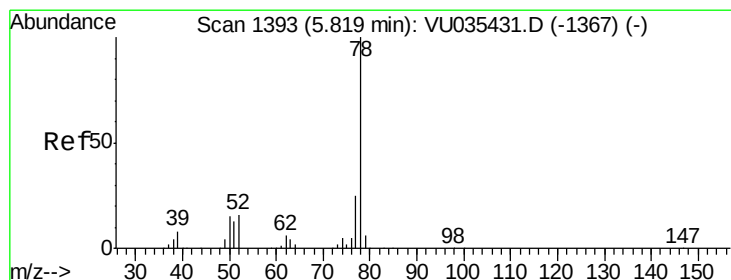
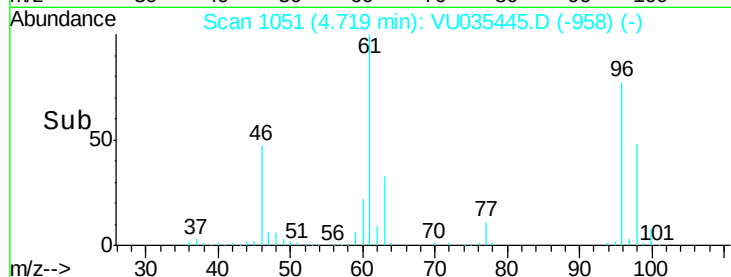
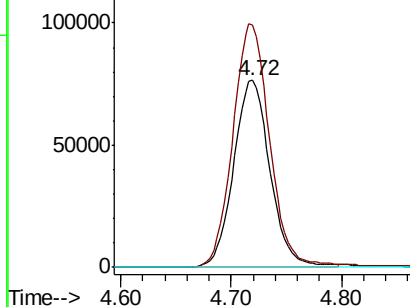
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Abundance Ion 96.00 (95.70 to 96.70): VU035445.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035445.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035445.D (-958) (-)



#33

Benzene

Concen: 0.188 ug/L m

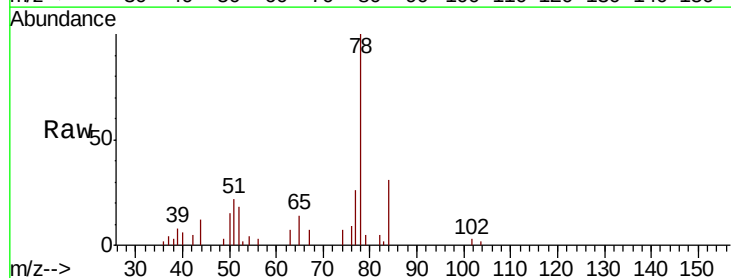
RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

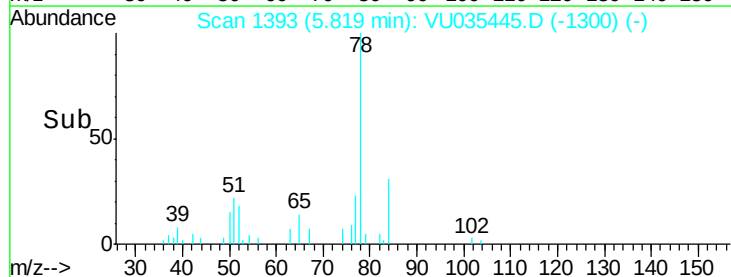
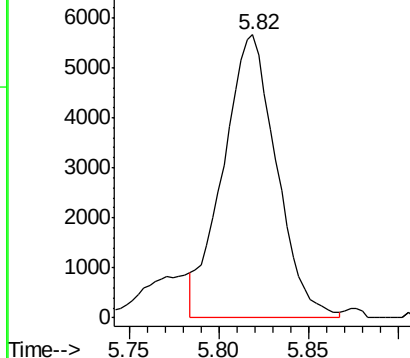
Lab File: VU035445.D

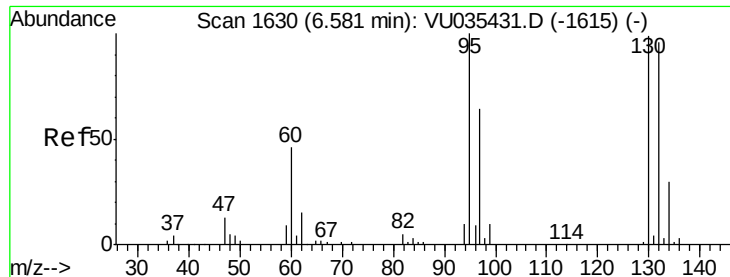
Acq: 24 Oct 2019 08:26

Tgt Ion: 78 Resp: 11725



Abundance Ion 78.10 (77.80 to 78.80): VU035445.D (-1300) (-)





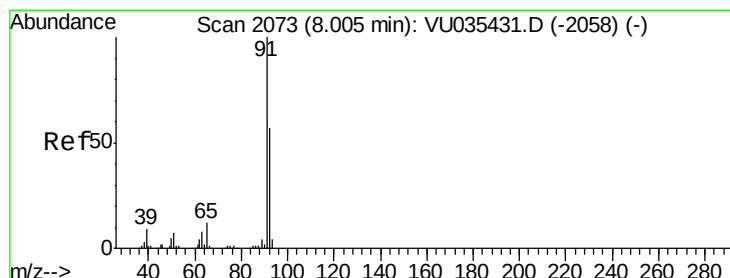
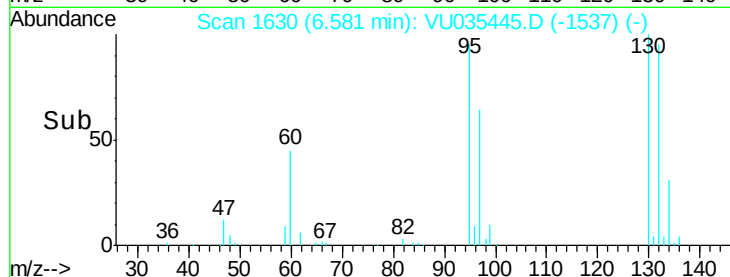
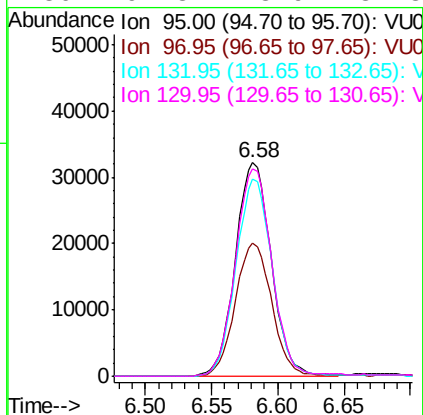
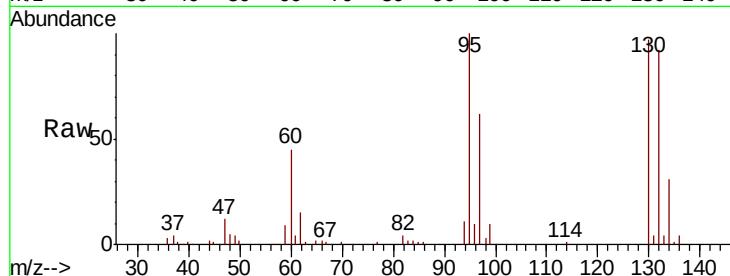
#34
 Trichloroethene
 Concen: 3.622 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035445.D
 Acq: 24 Oct 2019 08:26

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G48

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
97	62.2	46.6	86.6	
132	92.4	68.7	127.7	
130	97.3	73.9	137.3	

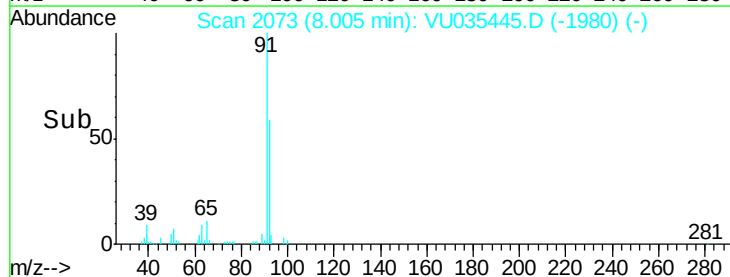
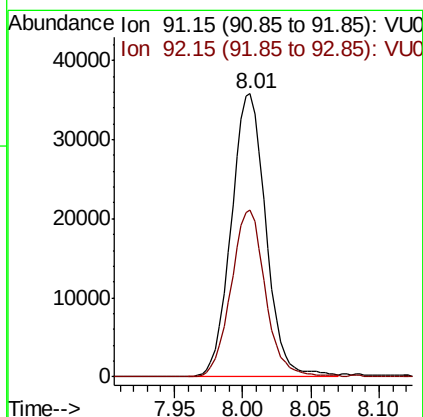
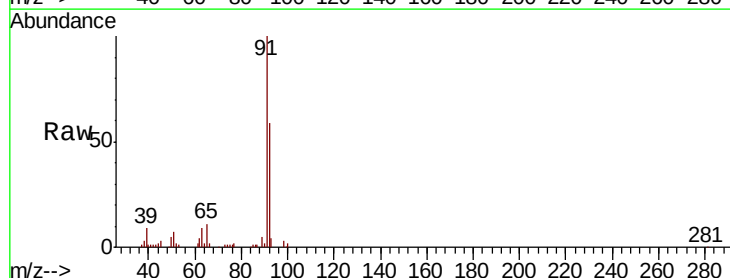
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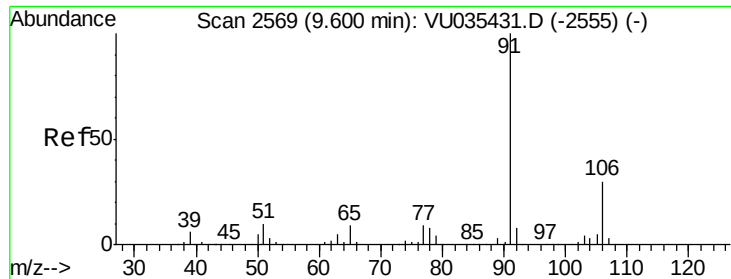
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#42
 Toluene
 Concen: 0.917 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VU035445.D
 Acq: 24 Oct 2019 08:26

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
92	59.0	39.9	74.1	





#52

Ethylbenzene

Concen: 0.413 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU035445.D

Acq: 24 Oct 2019 08:26

Instrument :

MSVOA_U

ClientSampled :

H0G48

Tot Ion: 91 Resp: 32353

Ion Ratio Lower Upper

91 100

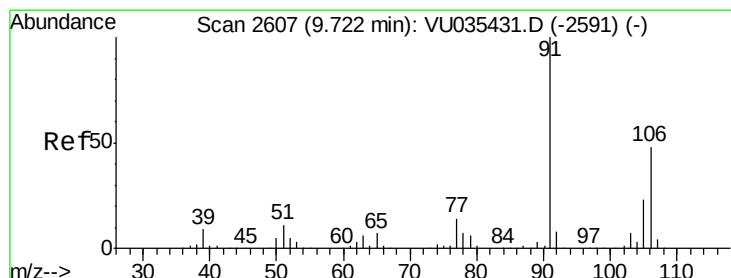
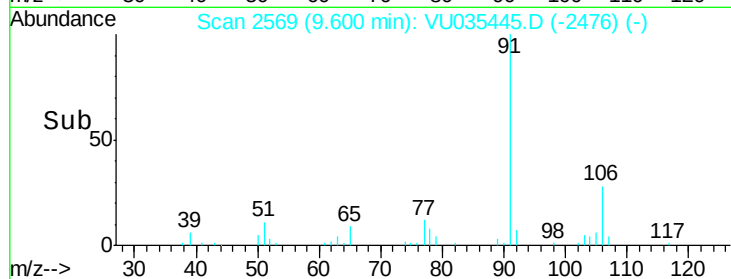
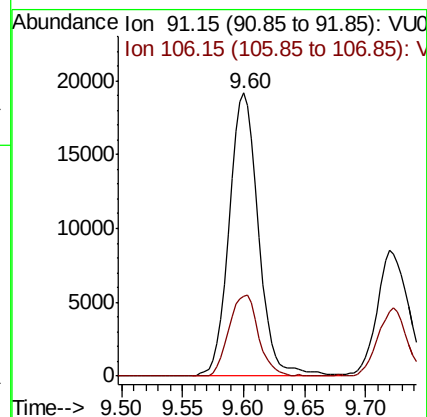
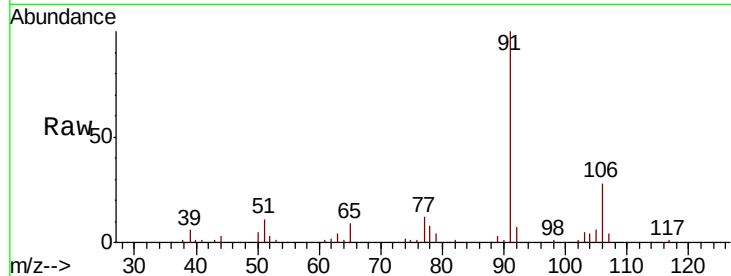
106 28.3 21.3 39.6

Manual Integrations

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#53

m,p-Xylene

Concen: 0.260 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035445.D

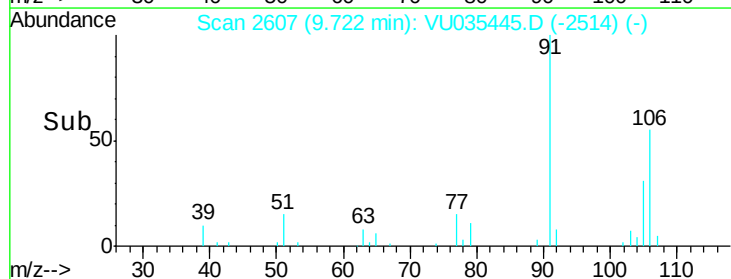
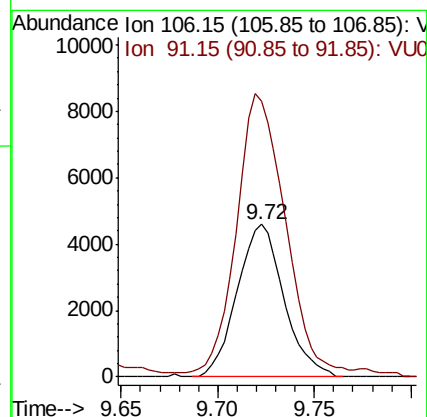
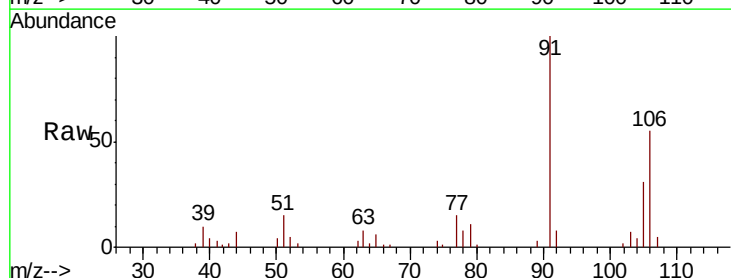
Acq: 24 Oct 2019 08:26

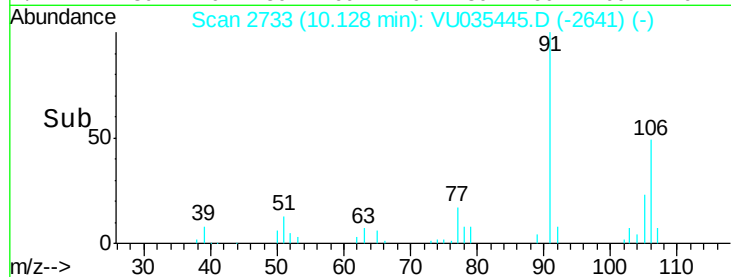
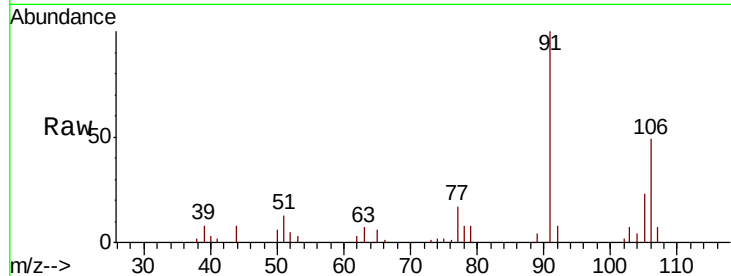
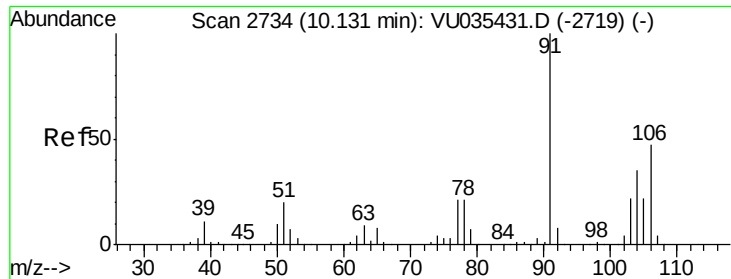
Tgt Ion: 106 Resp: 7703

Ion Ratio Lower Upper

106 100

91 180.9 142.0 263.6





#54
o-Xylene
Concen: 0.263 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU035445.D
Acq: 24 Oct 2019 08:26

Tot Ion:106 Resp: 7605
Ion Ratio Lower Upper
106 100
91 204.2 153.2 284.6

Instrument :
MSVOA_U
ClientSampleId :
H0G48

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