

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035361.D
 Acq On : 22 Oct 2019 13:38
 Operator : JC/SP
 Sample : K5461-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G70

Manual Integrations
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 10/23/2019 11:32:16 AM

Quant Time: Oct 23 07:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	279346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	129419	7.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	152.00%#
7) Chloroethane-d5	1.94	69	103229	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.60%#
11) 1,1-Dichloroethene-d2	2.60	63	168742	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	4.72	46	315830	64.52	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.04%
24) Chloroform-d	5.12	84	169910	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.75	65	100743	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.77	84	382115	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.00%#
36) 1,2-Dichloropropane-d6	6.74	67	123747	6.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.60%
41) Toluene-d8	7.93	98	325939	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	8.22	79	31942	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.69	63	197436	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95255	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	92574	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	1504296	62.108	ug/L	99
12) 1,1-Dichloroethene	2.61	96	25042	1.395	ug/L #	1
13) Acetone	2.67	43	9340	2.743	ug/L	98
14) Carbon disulfide	2.82	76	24514	0.432	ug/L #	91
17) Methyl tert-butyl Ether	3.43	73	67182	1.391	ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	1241967	64.125	ug/L	94
19) 1,1-Dichloroethane	3.92	63	138543	3.956	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	25500790m	1191.236	ug/L	
30) Cyclohexane	5.43	56	25773	0.775	ug/L	97
33) Benzene	5.82	78	136740	1.752	ug/L	100
34) Trichloroethene	6.58	95	454849	21.683	ug/L	98
42) Toluene	8.01	91	18443	0.214	ug/L	98

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

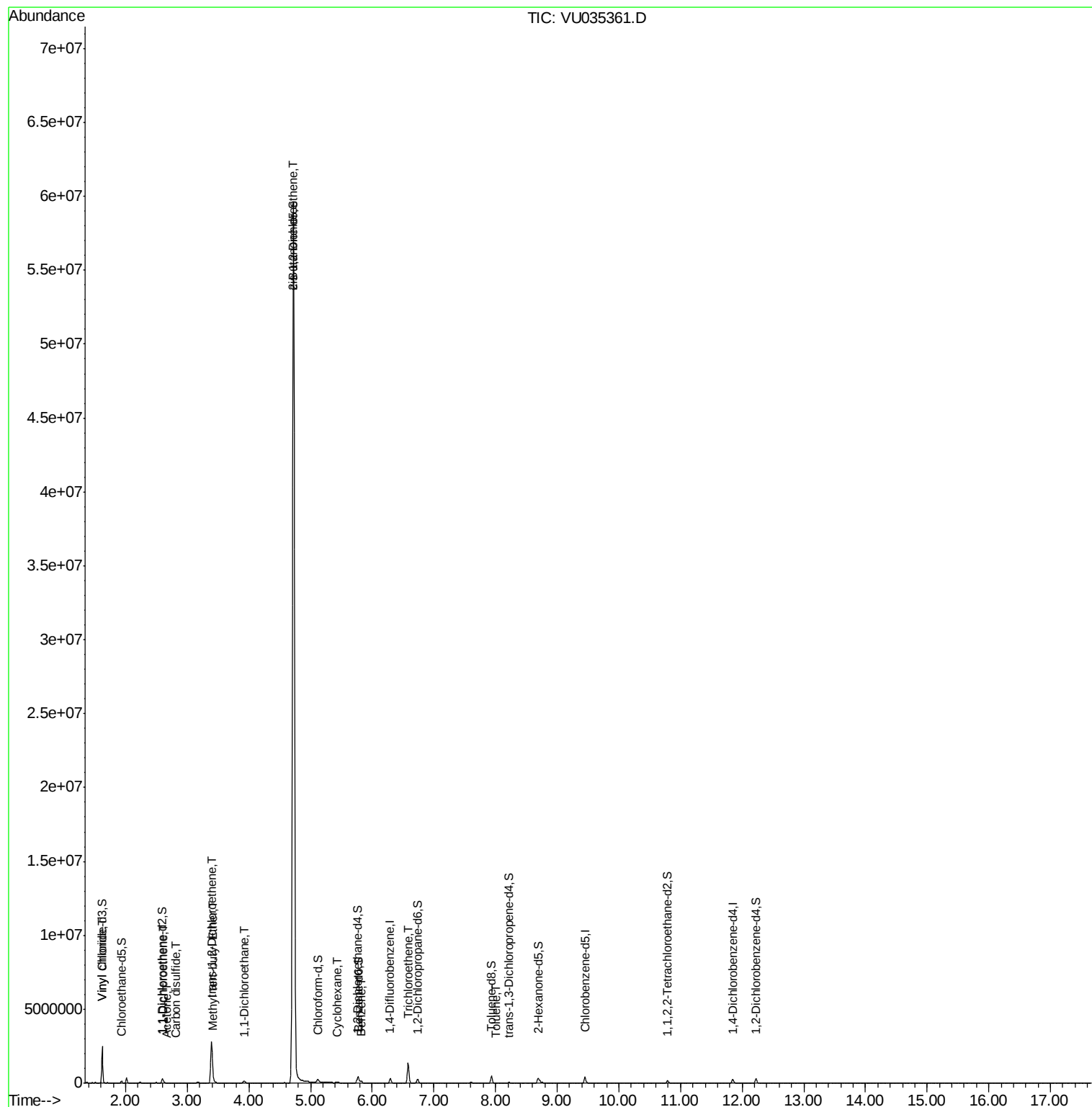
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035361.D
Acq On : 22 Oct 2019 13:38
Operator : JC/SP
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ALS Vial : 13 Sample Multiplier: 1

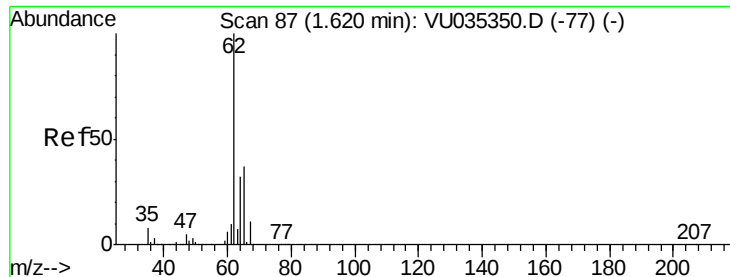
Instrument :
MSVOA_U
ClientSampleId :
H0G70

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Quant Time: Oct 23 07:57:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 62.108 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035361.D

Acq: 22 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampled :

H0G70

Tot Ion: 62 Resp: 1504296

Ion Ratio Lower Upper

62 100

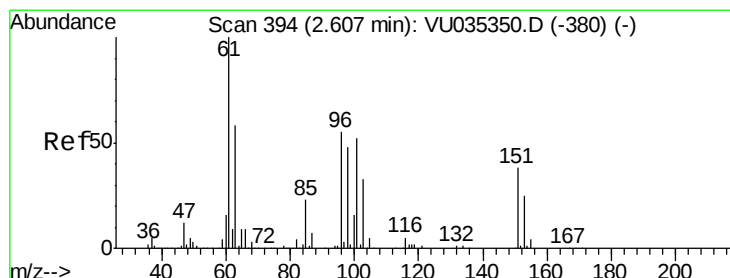
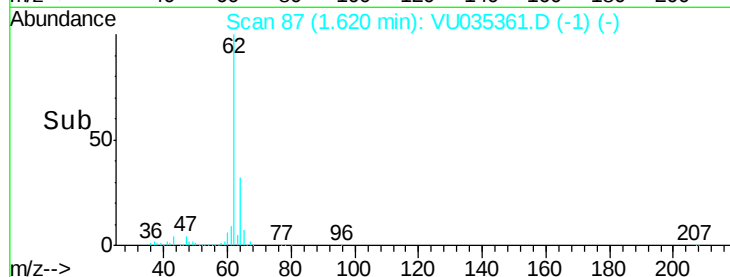
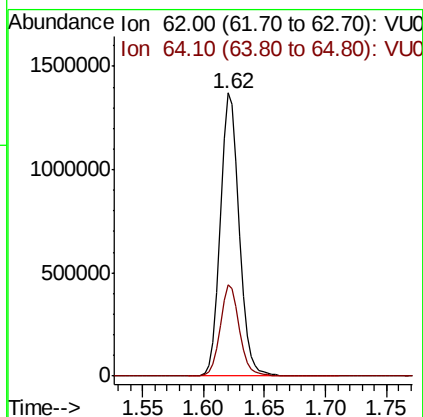
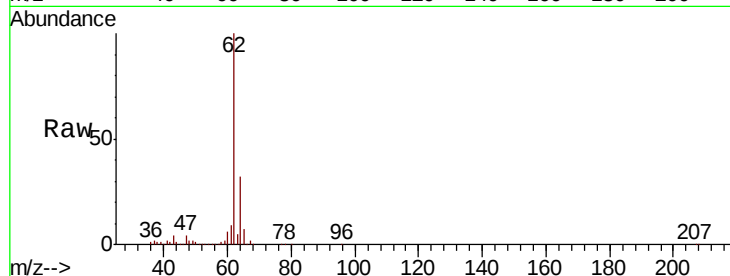
64 32.1 22.9 42.5

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#12

1,1-Dichloroethene

Concen: 1.395 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035361.D

Acq: 22 Oct 2019 13:38

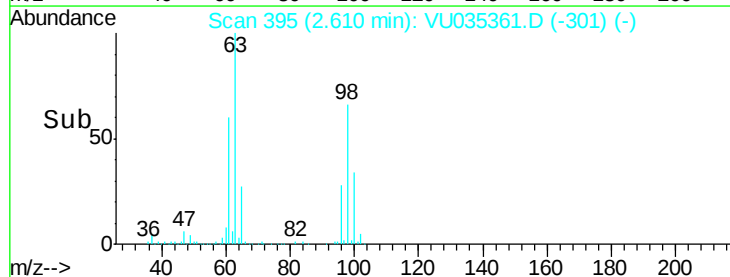
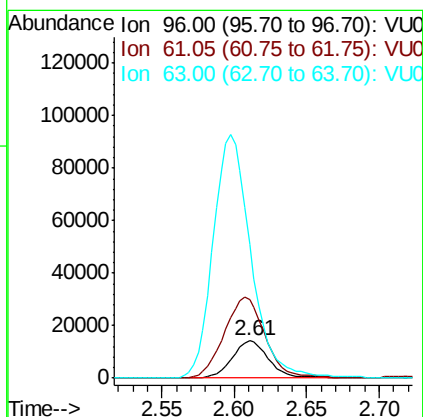
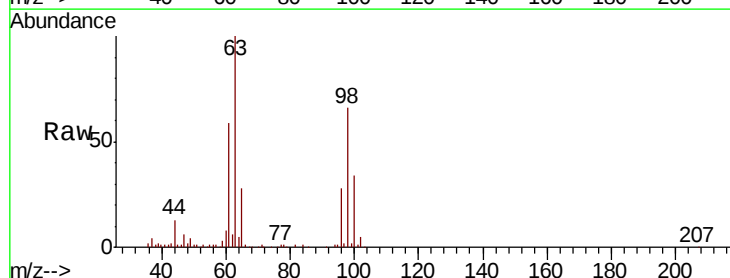
Tgt Ion: 96 Resp: 25042

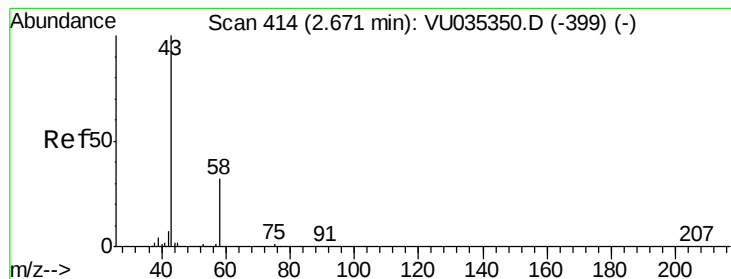
Ion Ratio Lower Upper

96 100

61 210.9 120.6 224.0

63 355.4 86.8 161.2#





#13

Acetone

Concen: 2.743 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035361.D

Acq: 22 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

H0G70

Tot Ion: 43 Resp: 9340

Ion Ratio Lower Upper

43 100

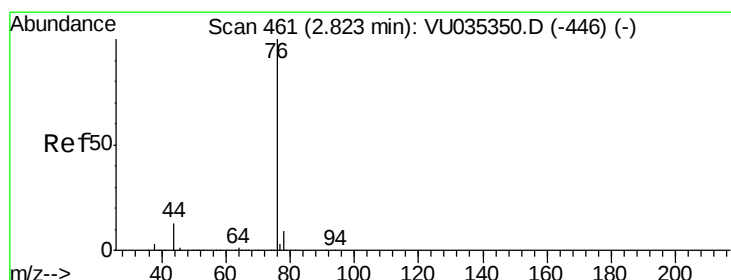
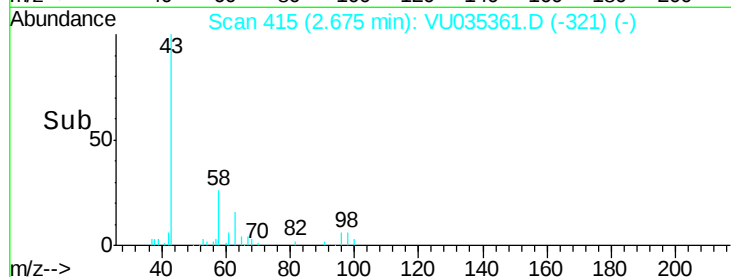
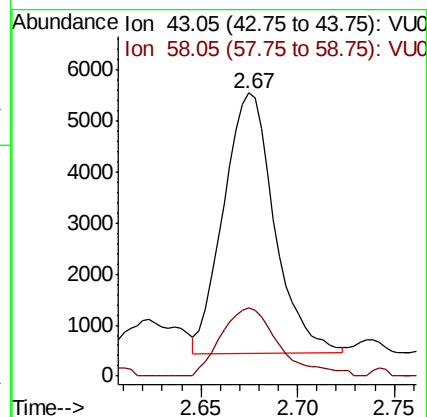
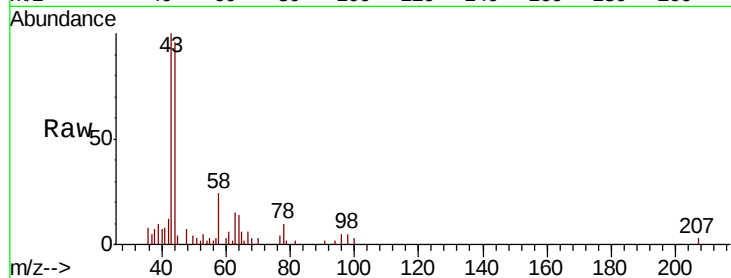
58 29.8 0.0 61.8

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#14

Carbon disulfide

Concen: 0.432 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035361.D

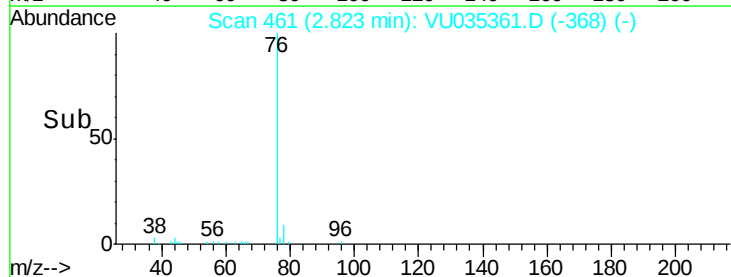
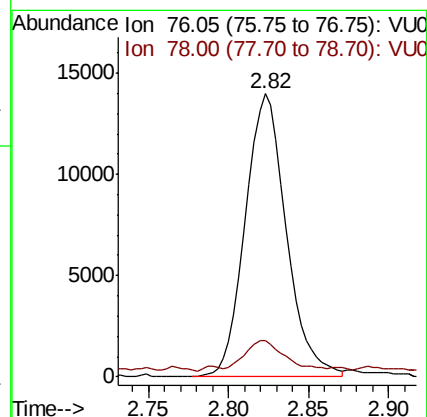
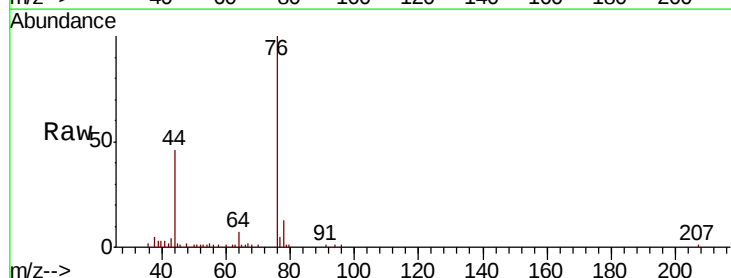
Acq: 22 Oct 2019 13:38

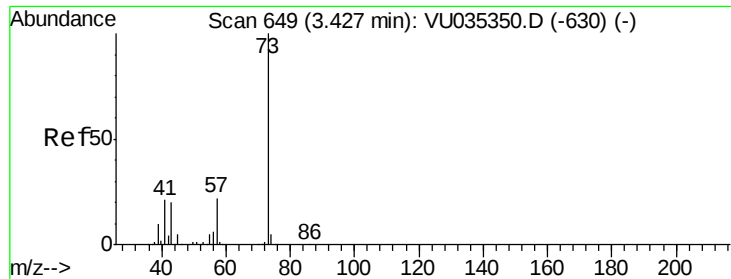
Tgt Ion: 76 Resp: 24514

Ion Ratio Lower Upper

76 100

78 12.9 7.6 11.4#





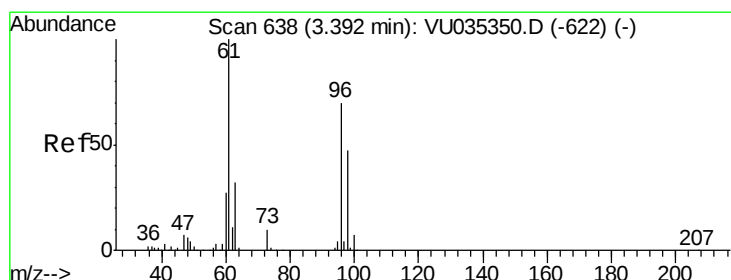
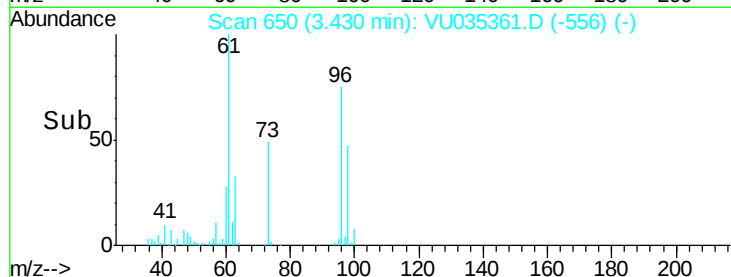
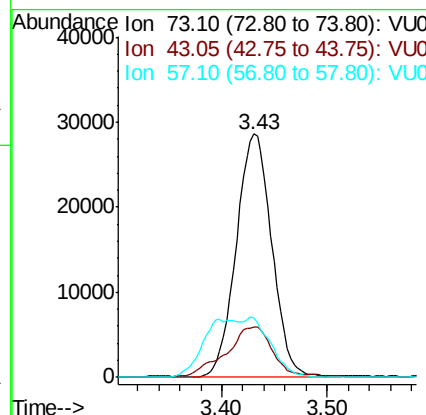
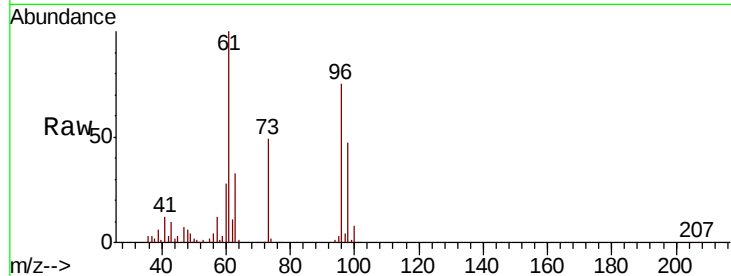
#17
Methvl tert-butvl Ether
Concen: 1.391 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
H0G70

Tot Ion	Ratio	Lower	Upper
73	100		
43	26.3	16.0	24.0#
57	16.8	17.4	26.2#

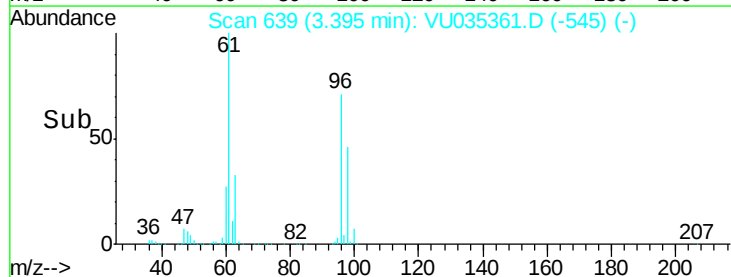
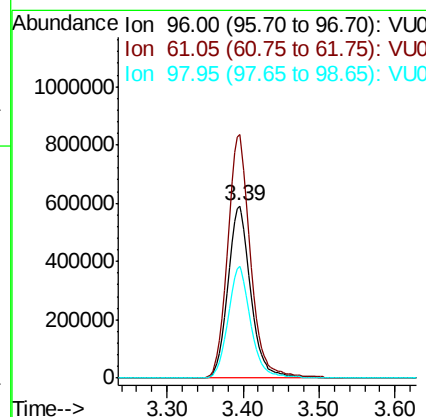
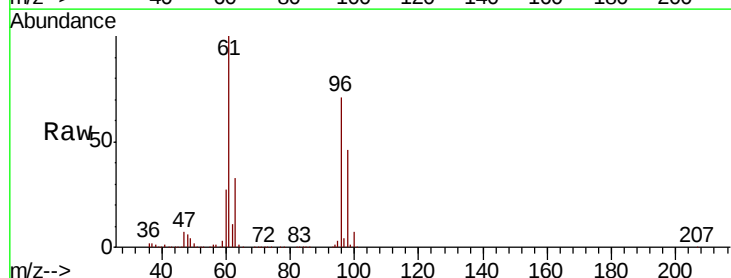
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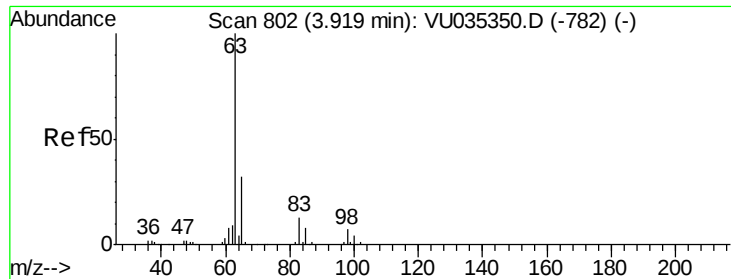
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#18
trans-1,2-Dichloroethene
Concen: 64.125 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	93.0	172.6
98	65.1	43.7	81.1





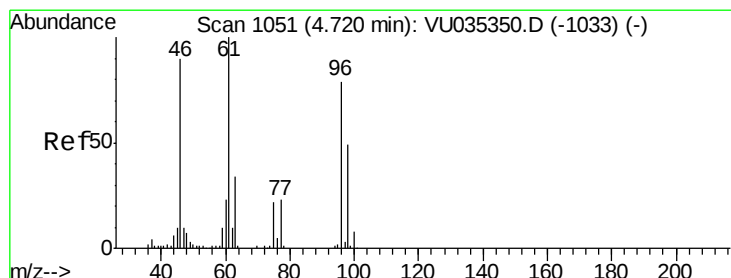
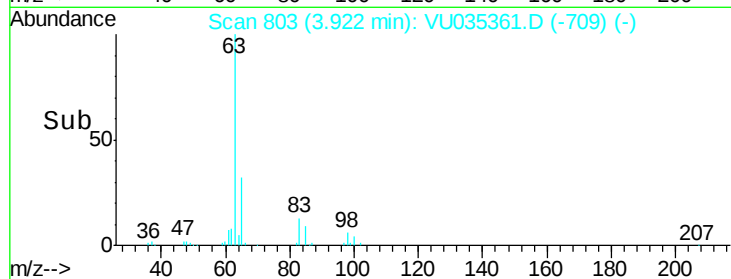
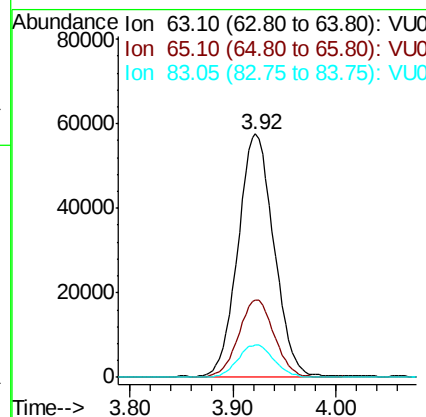
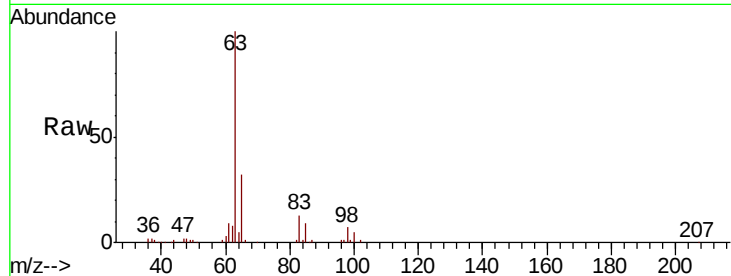
#19
 1,1-Dichloroethane
 Concen: 3.956 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU035361.D
 Acq: 22 Oct 2019 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G70

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	13.1	9.3	17.3

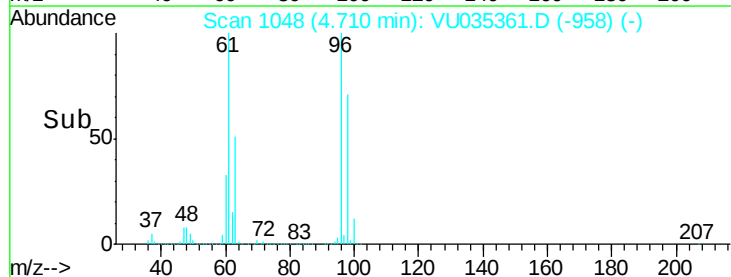
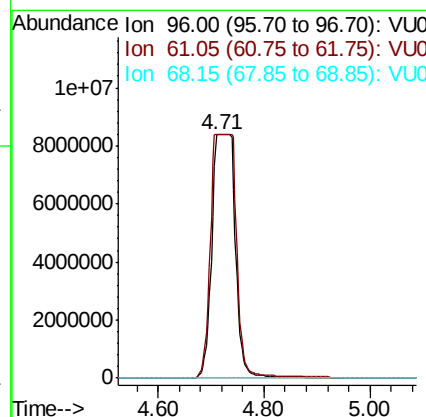
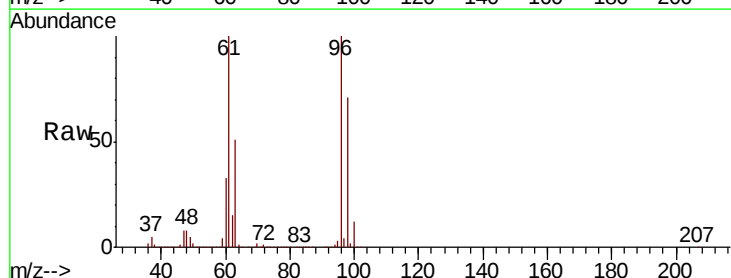
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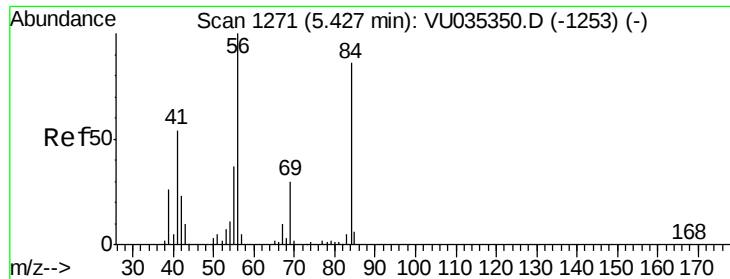
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#22
 cis-1,2-Dichloroethene
 Concen: 1191.236 ug/L m
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: VU035361.D
 Acq: 22 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.0	89.7	166.5
68	0.0	0.0	0.0





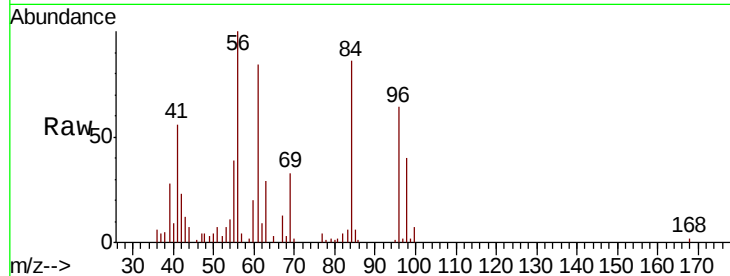
#30
Cyclohexane
Concen: 0.775 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
H0G70

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.6	36.8
84	87.2	71.5	107.3

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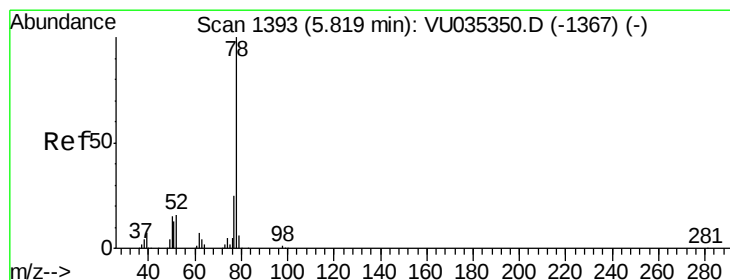
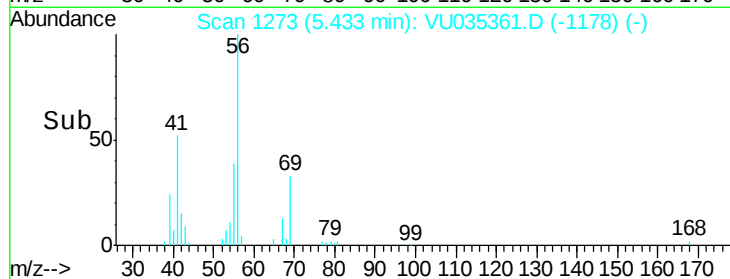
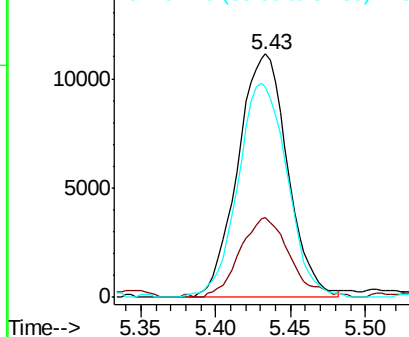
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Abundance Ion 56.10 (55.80 to 56.80): VU035361.D (-1178) (-)

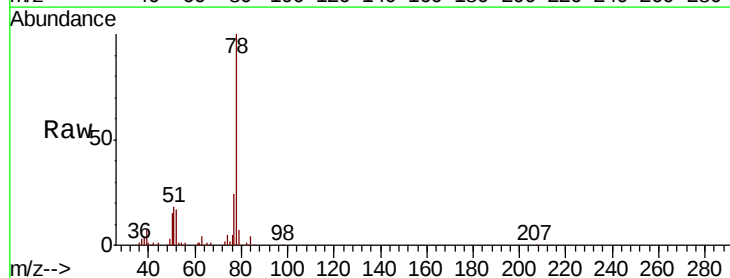
Ion 69.15 (68.85 to 69.85): VU035361.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU035361.D (-1178) (-)

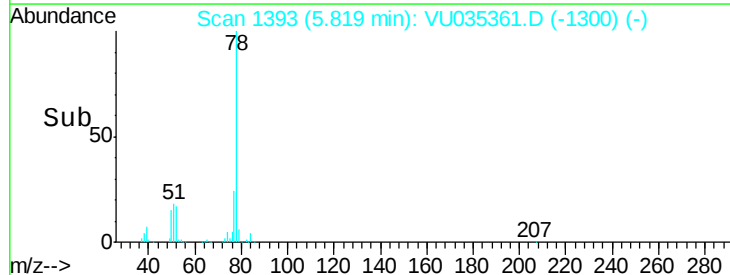
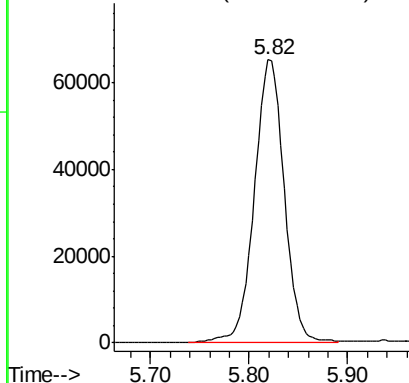


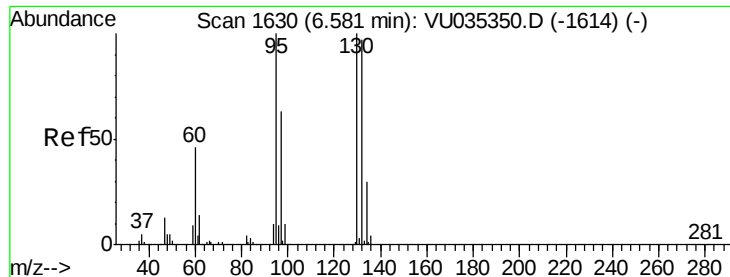
#33
Benzene
Concen: 1.752 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 78 Resp: 136740



Abundance Ion 78.10 (77.80 to 78.80): VU035361.D (-1300) (-)





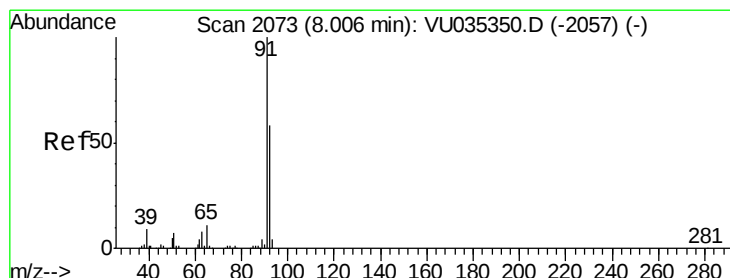
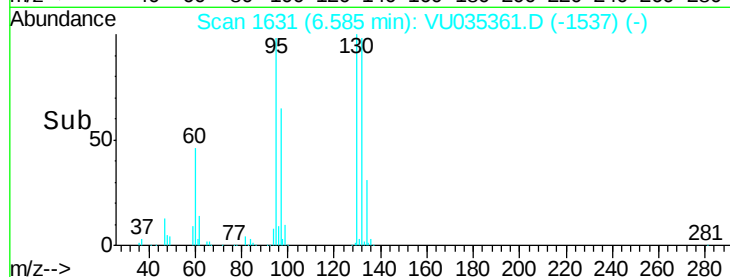
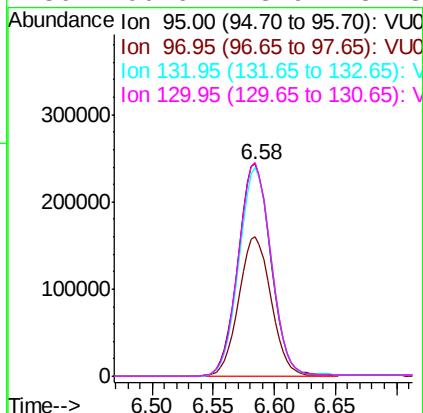
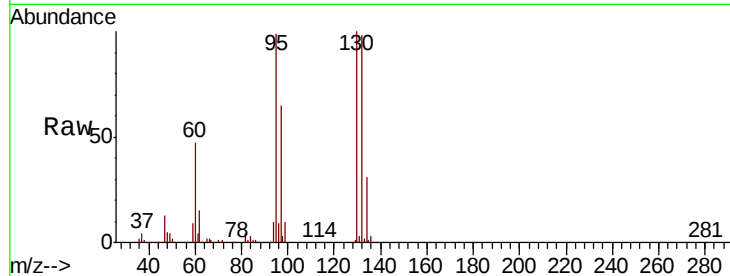
#34
 Trichloroethene
 Concen: 21.683 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035361.D
 Acq: 22 Oct 2019 13:38

Instrument :
 MSVOA_U
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 H0G70

Tot Ion:	95	Resp:	454849
Ion Ratio	Lower	Upper	
95	100		
97	65.8	46.6	86.6
132	98.3	68.7	127.7
130	100.6	73.9	137.3

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#42
 Toluene
 Concen: 0.214 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035361.D
 Acq: 22 Oct 2019 13:38

Tgt Ion:	91	Resp:	18443
Ion Ratio	Lower	Upper	
91	100		
92	55.6	39.9	74.1

