

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052219\
 Data File : VU032247.D
 Acq On : 23 May 2019 02:14
 Operator : JC/SP
 Sample : K3001-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE9

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 9:52:49 AM

Quant Time: May 23 03:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 03:43:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	401130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114364	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	99899	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	169624	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.19	46	244223	38.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.04%
24) Chloroform-d	4.64	84	218665	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.31	65	109583	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
32) Benzene-d6	5.33	84	467712	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.33	67	139288	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.40%
41) Toluene-d8	7.56	98	401371	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.85	79	43758	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.31	63	216653	40.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106202	2.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	57.80%#
64) 1,2-Dichlorobenzene-d4	11.85	152	169436	2.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	59.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.69	64	15890	1.426	ug/L	95
13) Acetone	2.32	43	14048	7.059	ug/L	98
19) 1,1-Dichloroethane	3.44	63	17907	0.749	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	11149	0.737	ug/L	88
33) Benzene	5.38	78	477759	8.805	ug/L	100
35) Methylcyclohexane	6.40	83	15240m	0.710	ug/L	
37) 1,2-Dichloropropane	6.43	63	40570	3.105	ug/L #	96
42) Toluene	7.64	91	6458	0.112	ug/L	94
47) Tetrachloroethene	8.22	164	2085	0.173	ug/L	84
54) o-Xylene	9.78	106	5138	0.238	ug/L	84
56) Isopropylbenzene	10.16	105	2596797	47.632	ug/L	100

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

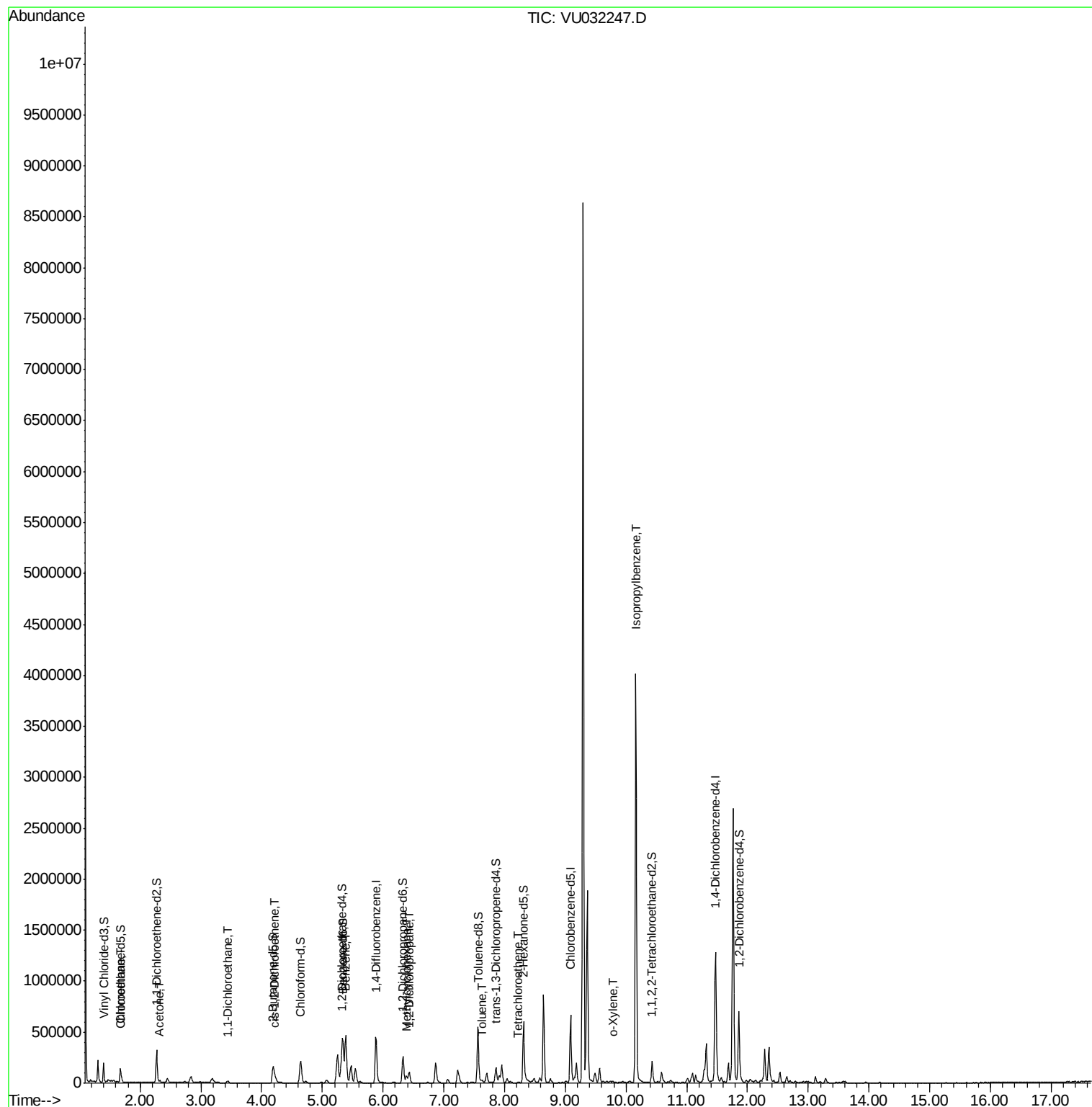
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052219\
Data File : VU032247.D
Acq On : 23 May 2019 02:14
Operator : JC/SP
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ALS Vial : 35 Sample Multiplier: 1

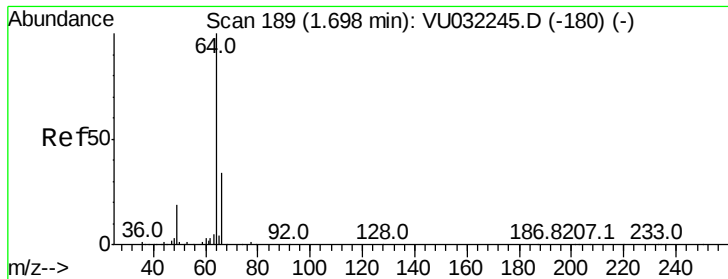
Instrument :
MSVOA_U
ClientSampleId :
E3YE9

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Quant Time: May 23 03:54:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 03:43:40 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.426 ug/L

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU032247.D

Acq: 23 May 2019 02:14

Instrument :

MSVOA_U

ClientSampleId :

E3YE9

Tot Ion: 64 Resp: 15890

Ion Ratio Lower Upper

64 100

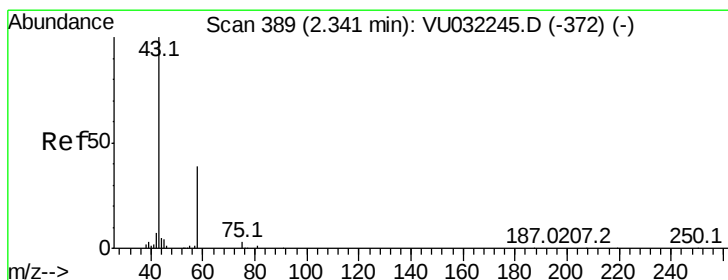
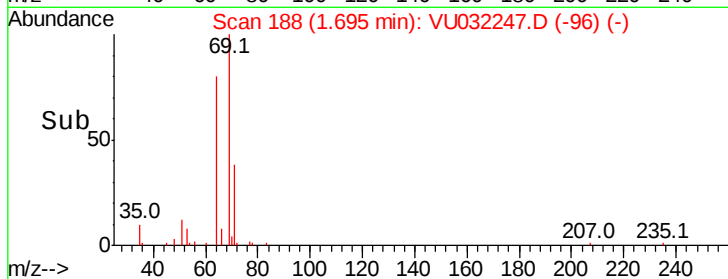
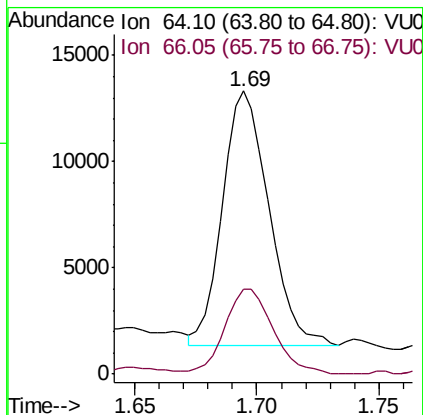
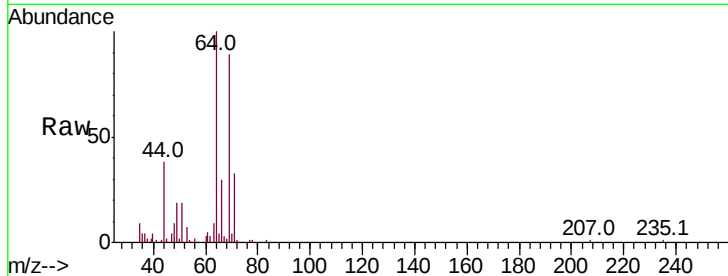
66 30.0 23.1 42.9

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#13

Acetone

Concen: 7.059 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032247.D

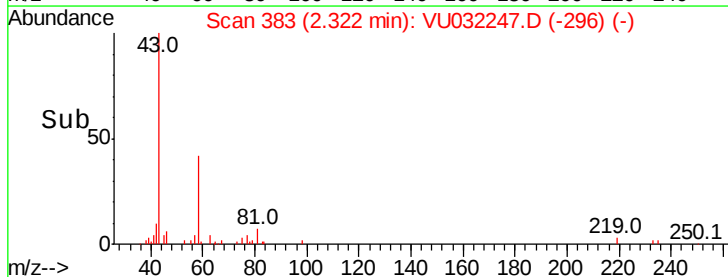
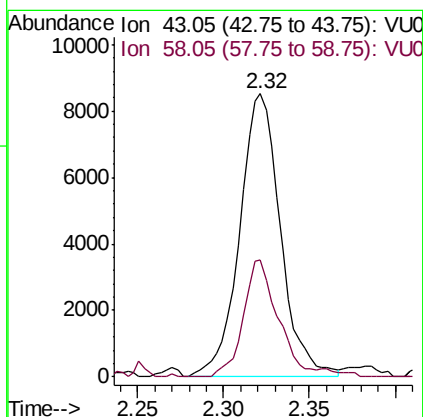
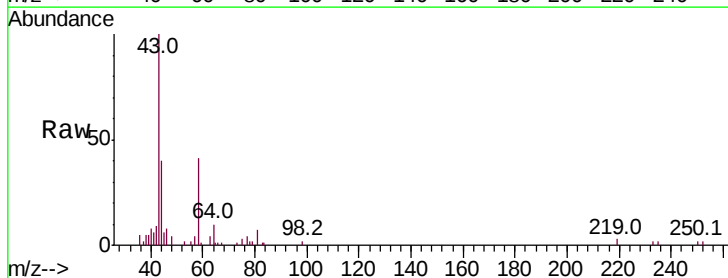
Acq: 23 May 2019 02:14

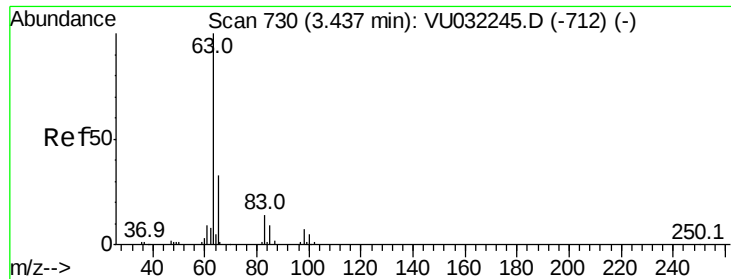
Tgt Ion: 43 Resp: 14048

Ion Ratio Lower Upper

43 100

58 34.9 0.0 72.6





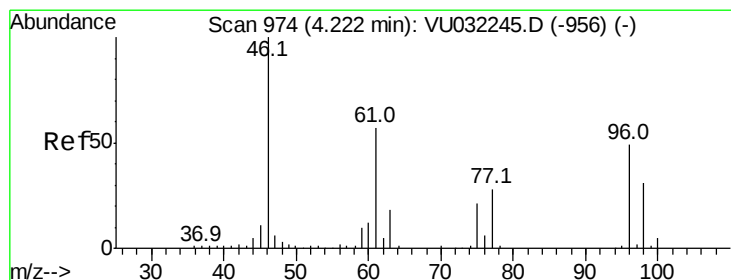
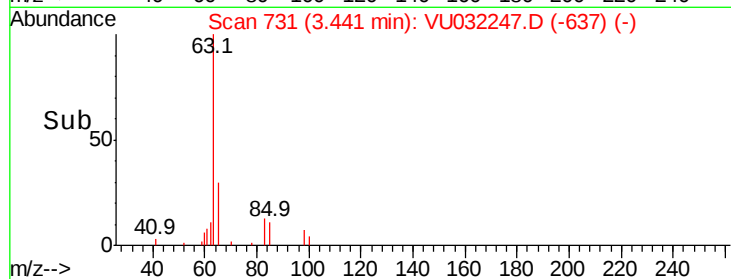
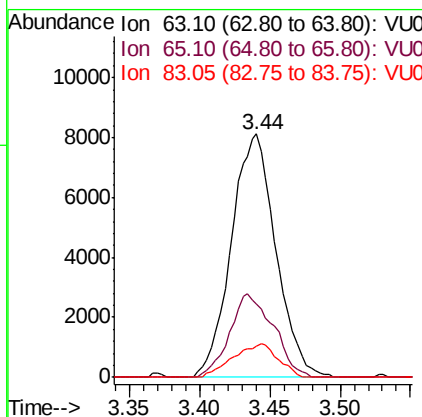
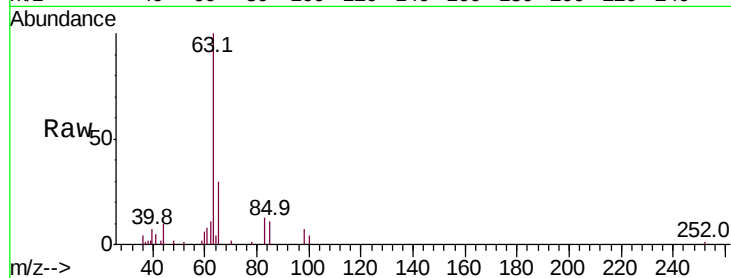
#19
 1,1-Dichloroethane
 Concen: 0.749 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU032247.D
 Acq: 23 May 2019 02:14

Instrument :
 MSVOA_U
 ClientSampled :
 E3YE9

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.5	43.7
83	12.6	8.8	16.3

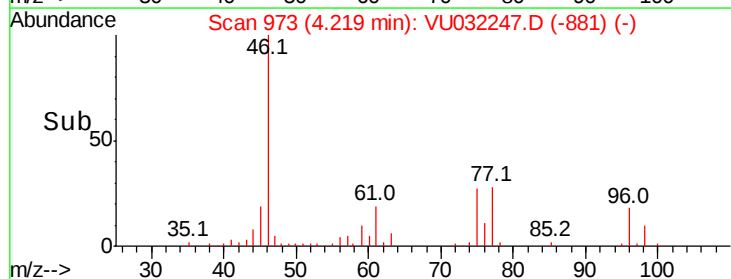
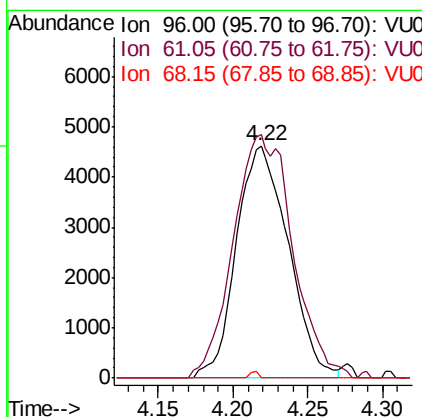
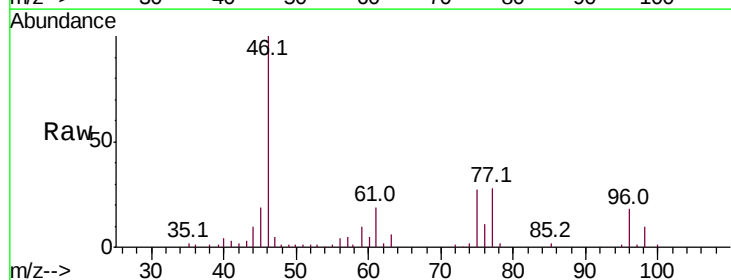
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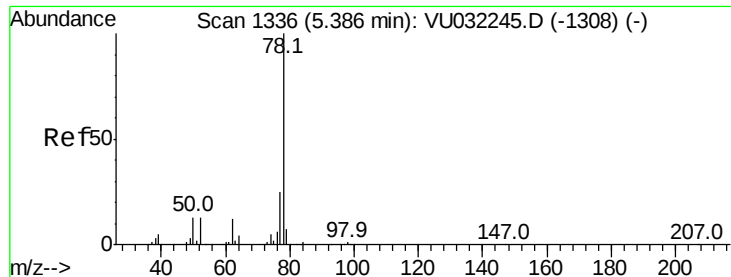
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#22
 cis-1,2-Dichloroethene
 Concen: 0.737 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU032247.D
 Acq: 23 May 2019 02:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	104.8	82.5	153.1
68	0.0	0.0	0.0





#33

Benzene

Concen: 8.805 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU032247.D

Acq: 23 May 2019 02:14

Instrument :

MSVOA_U

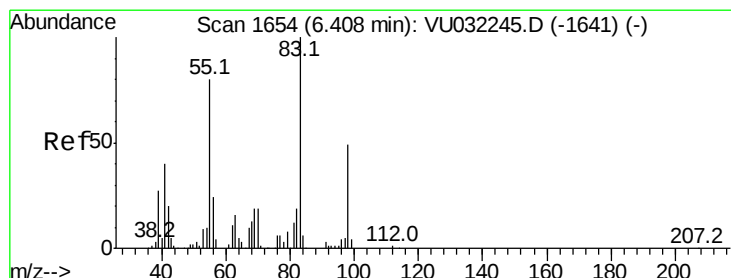
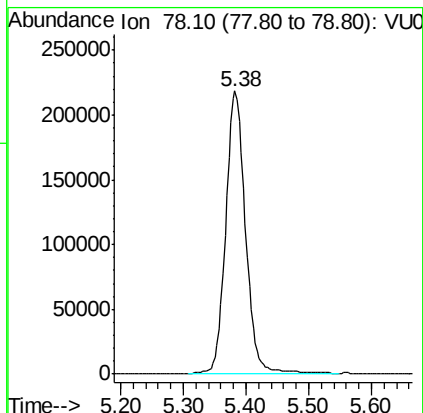
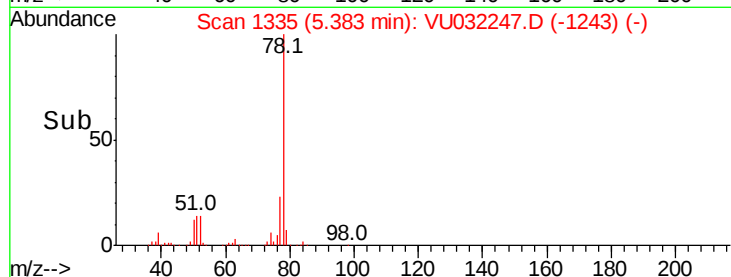
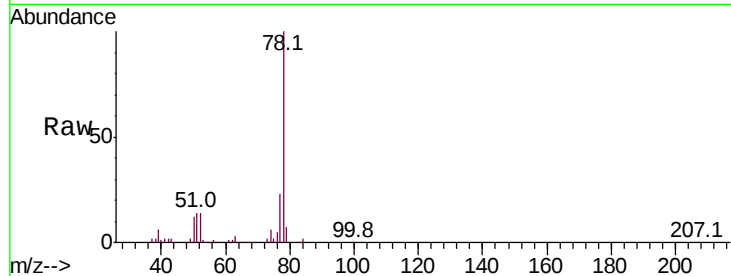
ClientSampleId :

E3YE9

Tgt Ion: 78 Resp: 477759

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#35

Methylcyclohexane

Concen: 0.710 ug/L m

RT: 6.40 min Scan# 1650

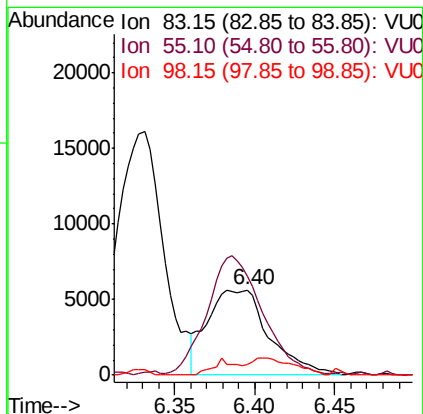
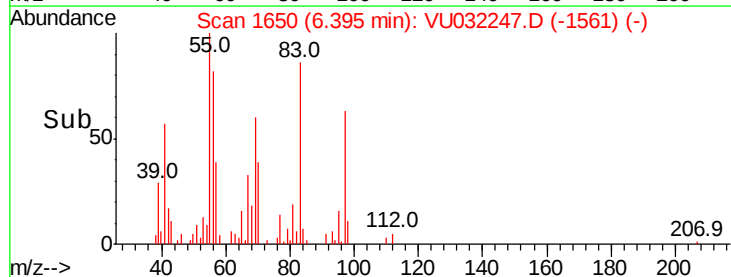
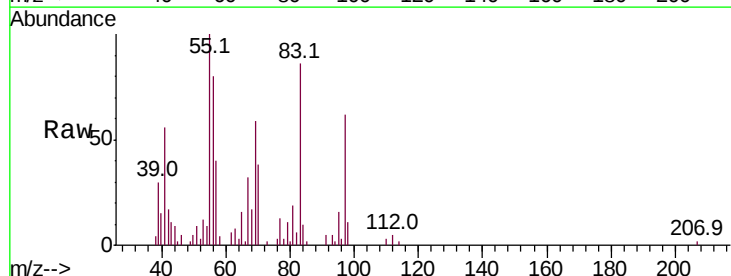
Delta R.T. -0.01 min

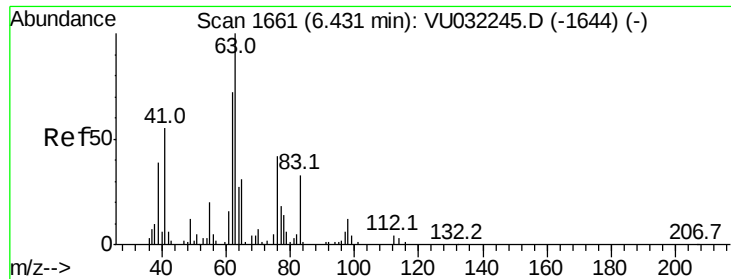
Lab File: VU032247.D

Acq: 23 May 2019 02:14

Tgt Ion: 83 Resp: 15240

Ion	Ratio	Lower	Upper
83	100		
55	120.6	59.7	89.5#
98	6.8	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 3.105 ug/L

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU032247.D

Acq: 23 May 2019 02:14

Instrument :

MSVOA_U

ClientSampleId :

E3YE9

Tot Ion: 63 Resp: 40570

Ion Ratio Lower Upper

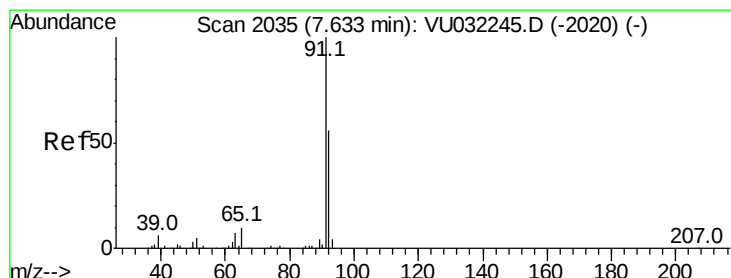
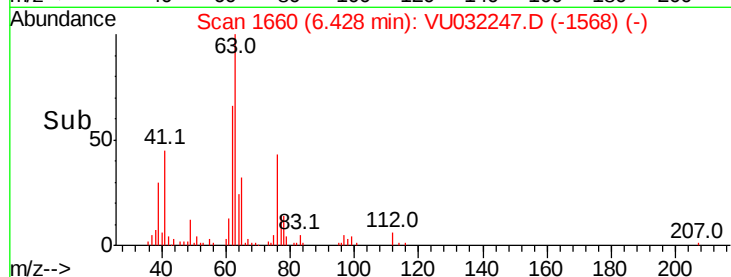
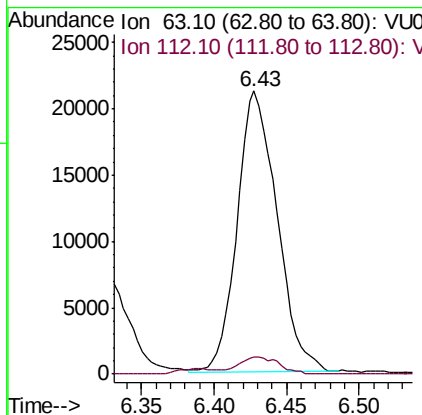
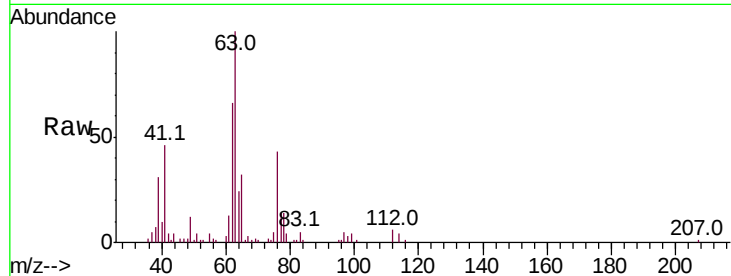
63 100

112 6.2 3.8 5.8#

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#42

Toluene

Concen: 0.112 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032247.D

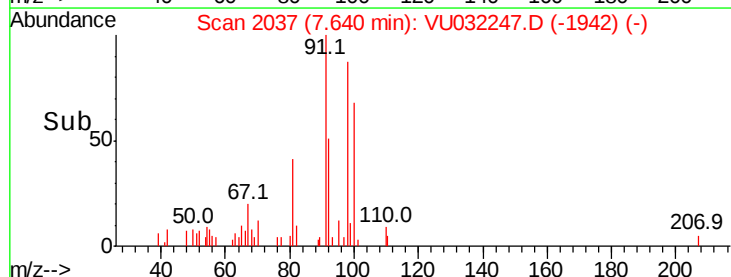
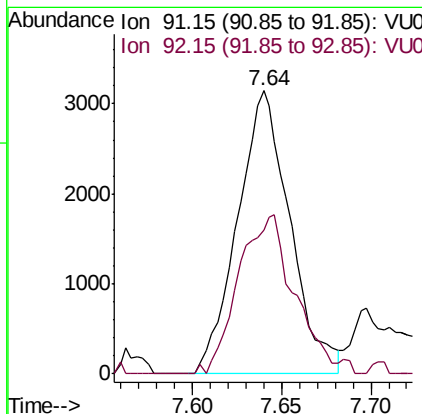
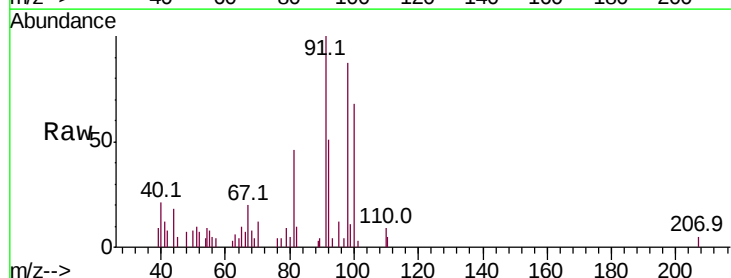
Acq: 23 May 2019 02:14

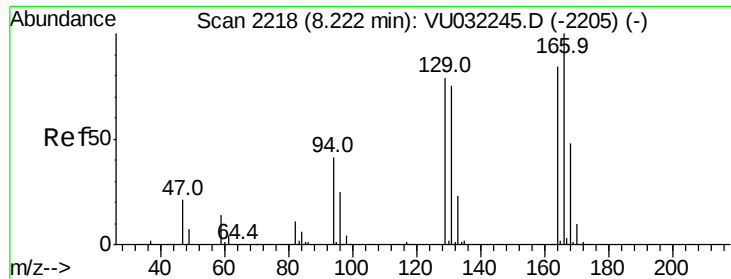
Tgt Ion: 91 Resp: 6458

Ion Ratio Lower Upper

91 100

92 50.7 38.5 71.5





#47

Tetrachloroethene

Concen: 0.173 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032247.D

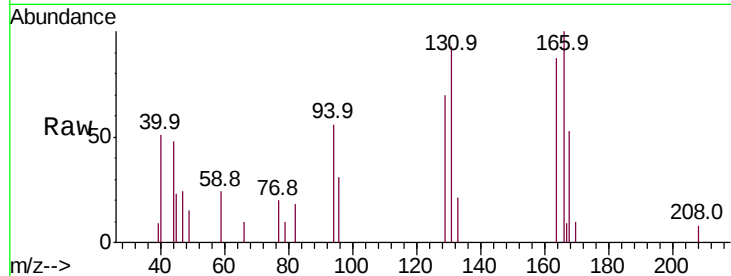
Acq: 23 May 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YE9

Tot Ion	164	129	131	166
Ratio	100	80.6	107.7	115.2
Lower		67.1	62.2	90.9
Upper		124.7	115.4	168.9

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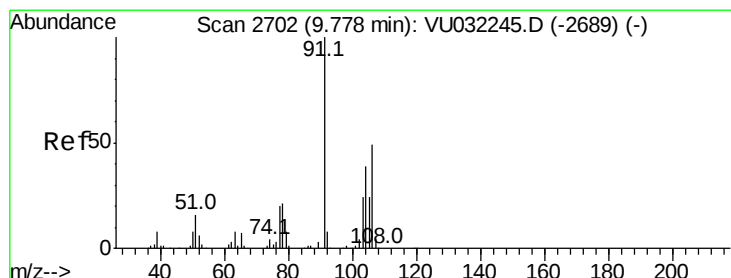
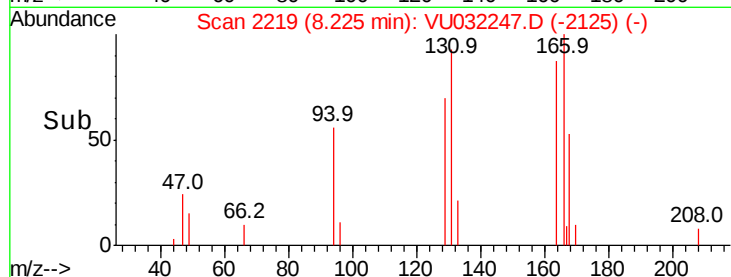
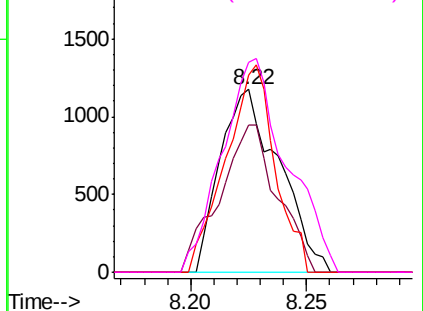
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#54

o-Xylene

Concen: 0.238 ug/L

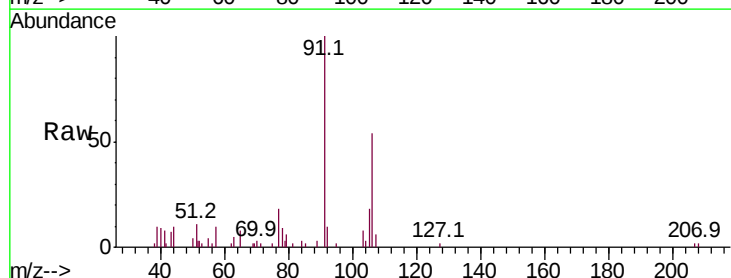
RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU032247.D

Acq: 23 May 2019 02:14

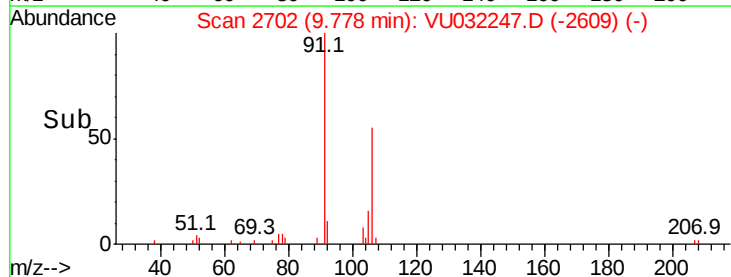
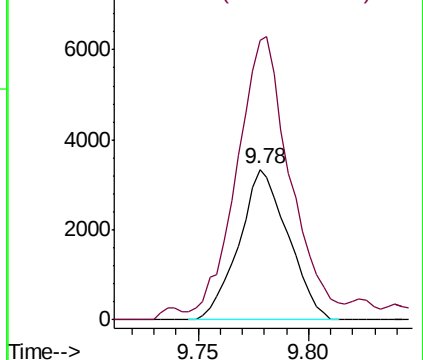
Tgt Ion	106	91
Ratio	100	185.6
Lower		147.8
Upper		274.4

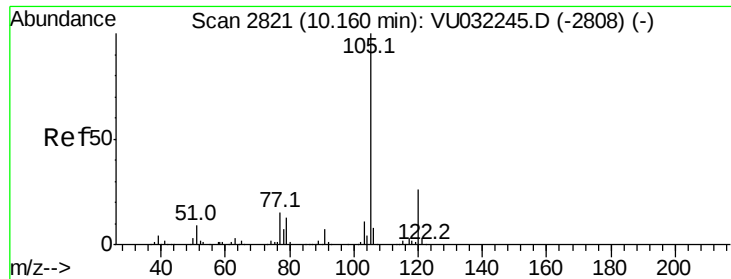


Abundance

Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU





#56
Isopropylbenzene
Concen: 47.632 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. 0.00 min
Lab File: VU032247.D
Acq: 23 May 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YE9

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.6
77	14.8	11.9	17.9

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5/23/2019 9:52:49 AM

