

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035429.D
 Acq On : 24 Oct 2019 00:12
 Operator : JC/SP
 Sample : K5488-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G55

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 9:51:16 AM

Quant Time: Oct 24 07:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 05:20:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	66151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	55605	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	59612	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	80369	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.70	46	224132	59.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.24%
24) Chloroform-d	5.11	84	128416	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.75	65	75491	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.77	84	237798	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.74	67	87789	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.93	98	193983	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.21	79	31500	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.69	63	159461	46.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	81877	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.23	152	61442	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	39469	2.122	ug/L 91
17) Methyl tert-butyl Ether	3.43	73	6033817	162.655	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	13183	0.886	ug/L 95
19) 1,1-Dichloroethane	3.92	63	10097	0.375	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	333365	20.277	ug/L 98
33) Benzene	5.82	78	27300m	0.421	ug/L
34) Trichloroethene	6.58	95	5506	0.316	ug/L 89

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

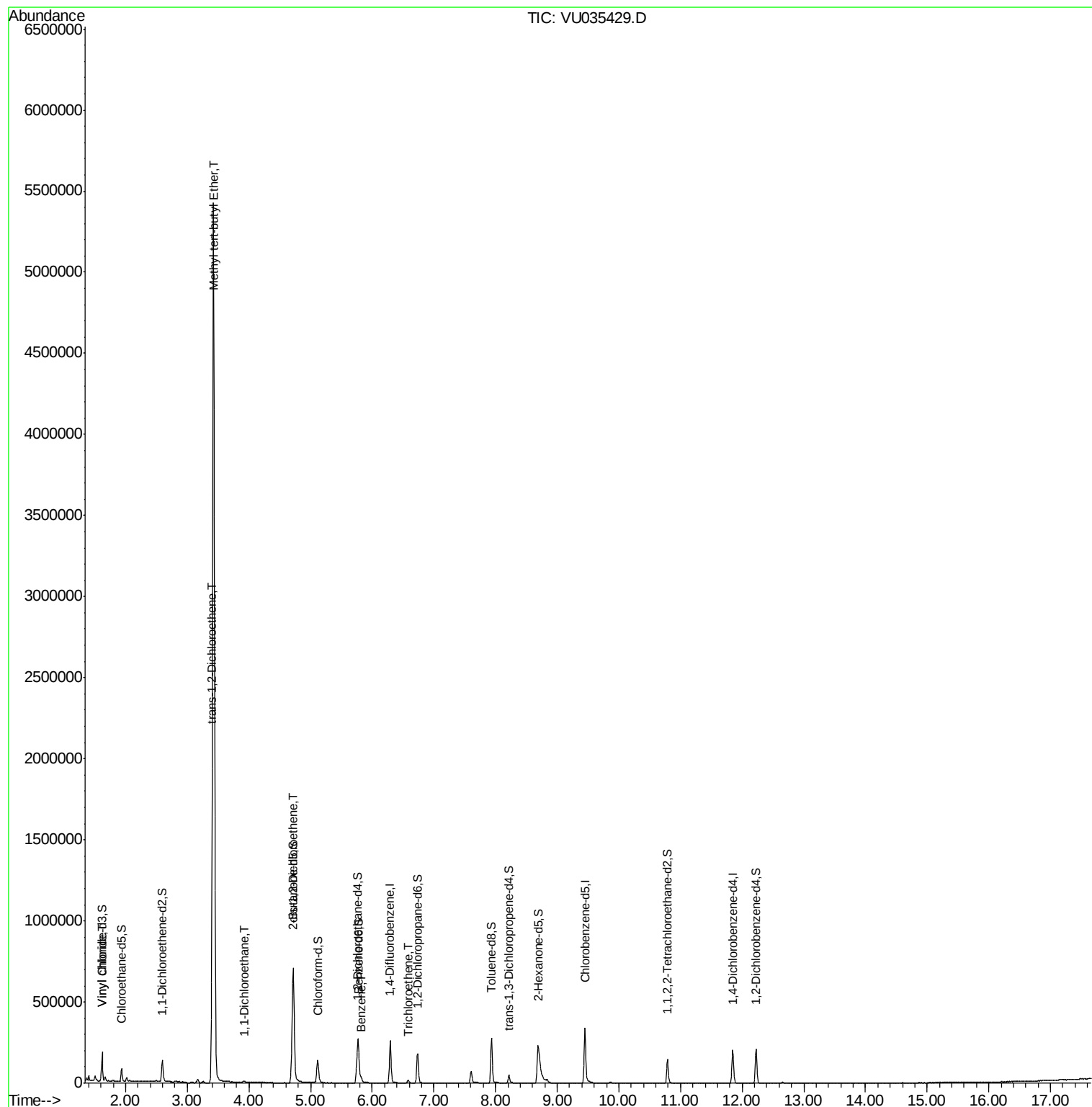
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
Data File : VU035429.D
Acq On : 24 Oct 2019 00:12
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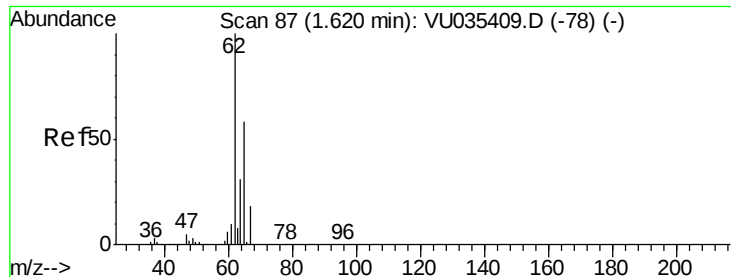
Instrument :
MSVOA_U
ClientSampleId :
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QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.122 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

Instrument :

MSVOA_U

ClientSampled :

H0G55

Tot Ion: 62 Resp: 39469

Ion Ratio Lower Upper

62 100

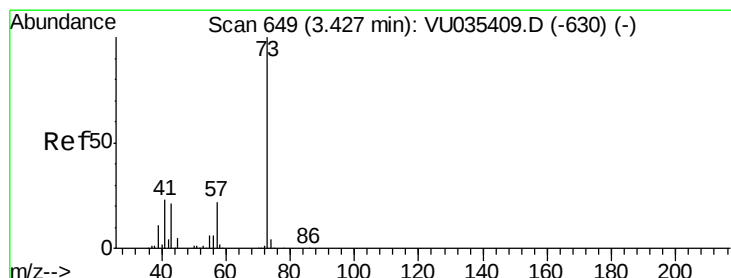
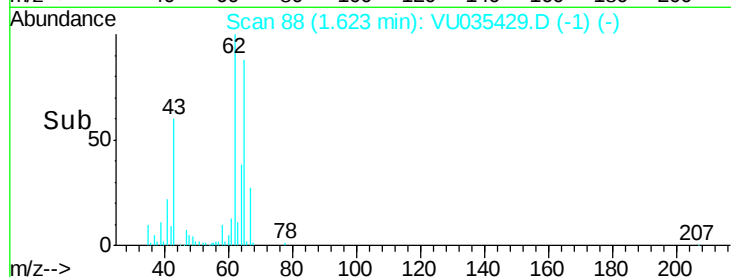
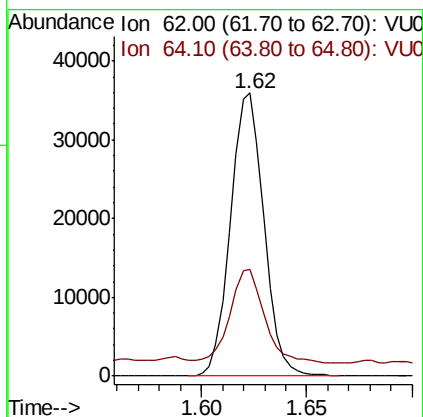
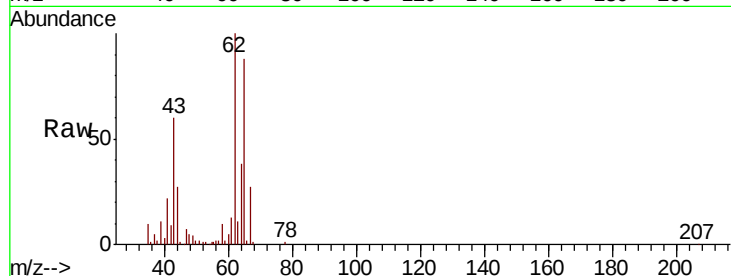
64 37.5 22.9 42.5

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#17

Methyl tert-butyl Ether

Concen: 162.655 ug/L

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

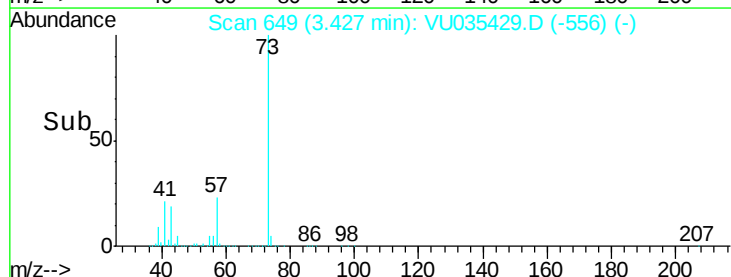
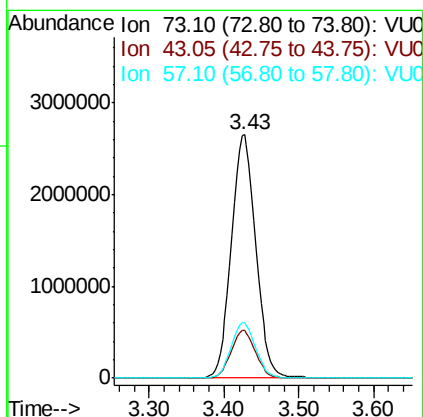
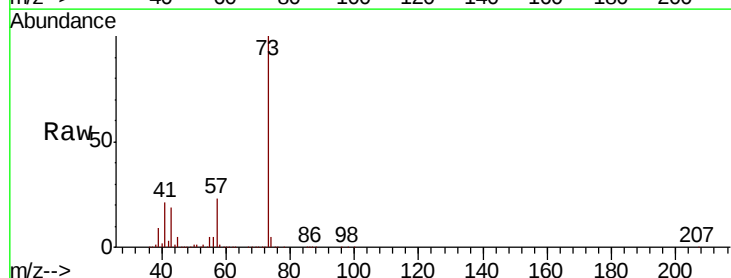
Tgt Ion: 73 Resp: 6033817

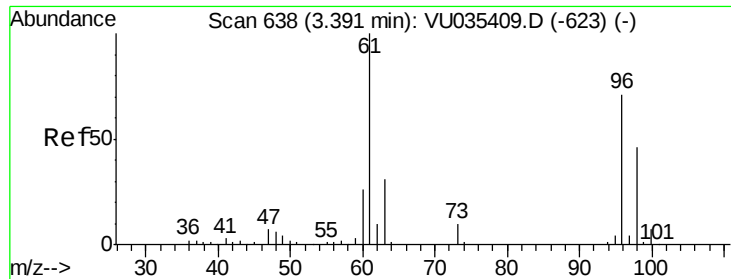
Ion Ratio Lower Upper

73 100

43 19.6 16.0 24.0

57 22.8 17.4 26.2





#18

trans-1,2-Dichloroethene

Concen: 0.886 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

Instrument :

MSVOA_U

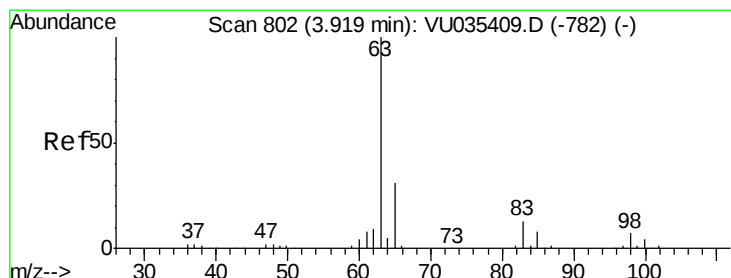
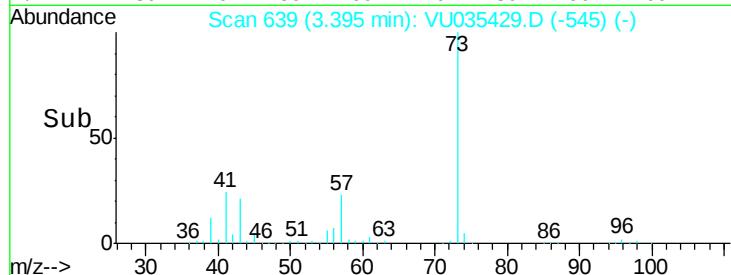
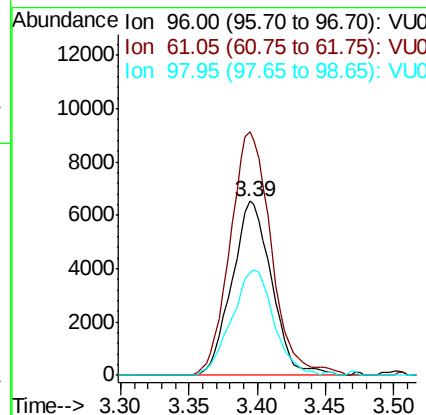
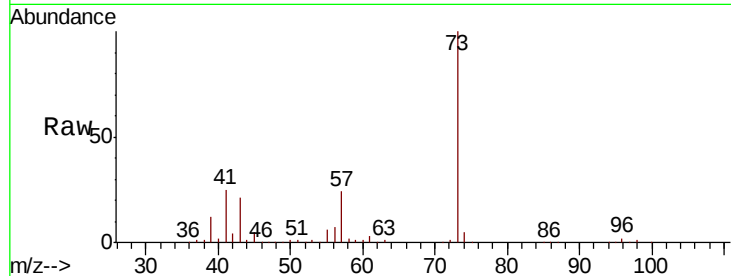
ClientSampleId :

H0G55

Tot Ion:	96	Resp:	13183
Ion	Ratio	Lower	Upper
96	100		
61	139.7	93.0	172.6
98	59.1	43.7	81.1

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#19

1,1-Dichloroethane

Concen: 0.375 ug/L

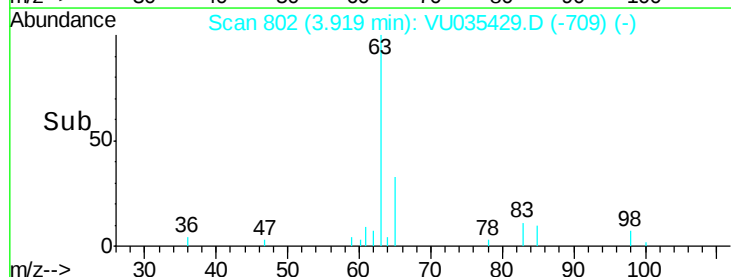
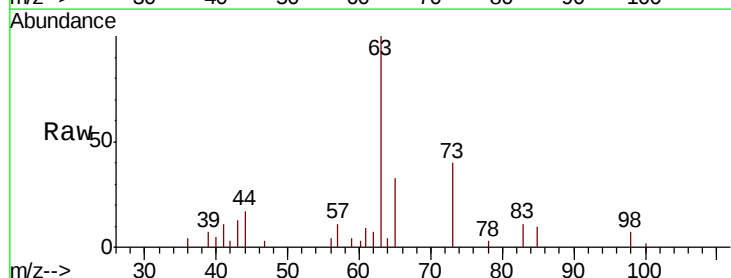
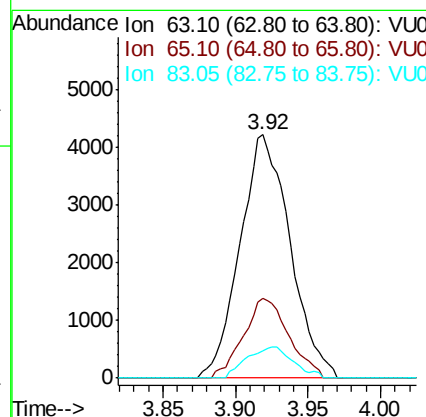
RT: 3.92 min Scan# 802

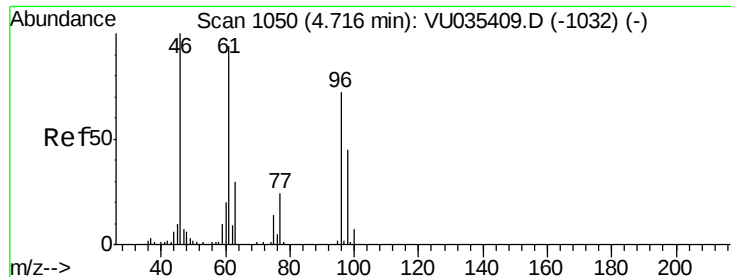
Delta R.T. -0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

Tgt Ion:	63	Resp:	10097
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.4	41.6
83	11.1	9.3	17.3





#22

cis-1,2-Dichloroethene

Concen: 20.277 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

Instrument :

MSVOA_U

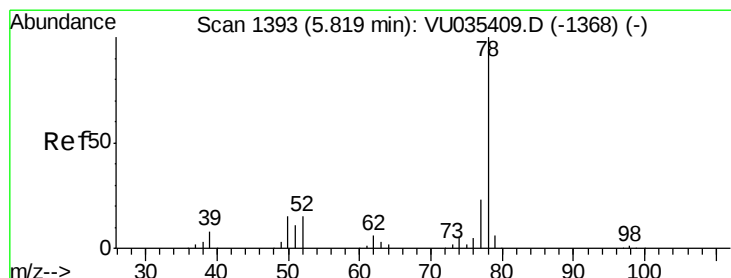
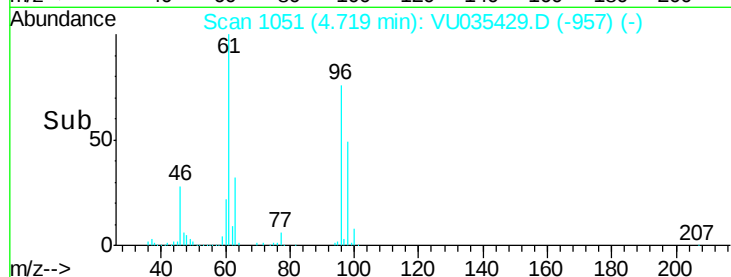
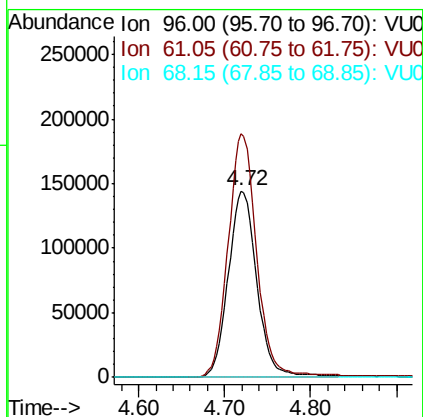
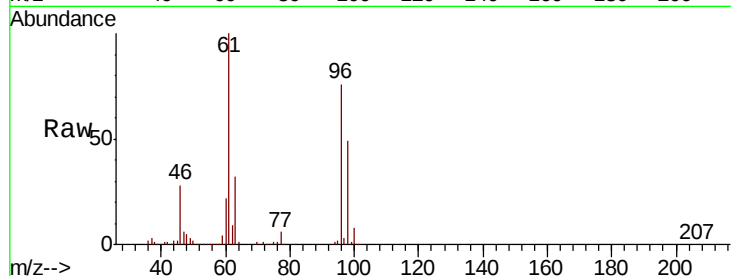
ClientSampleId :

H0G55

Tot Ion:	96	Resp:	333365
Ion Ratio	Lower	Upper	
96	100		
61	130.8	89.7	166.5
68	0.0	0.0	0.0

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#33

Benzene

Concen: 0.421 ug/L m

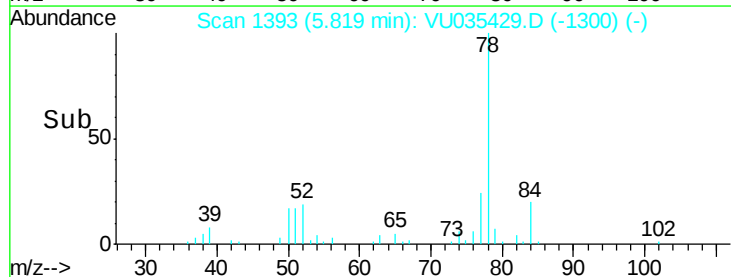
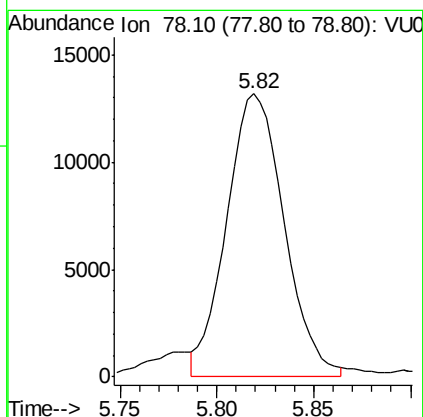
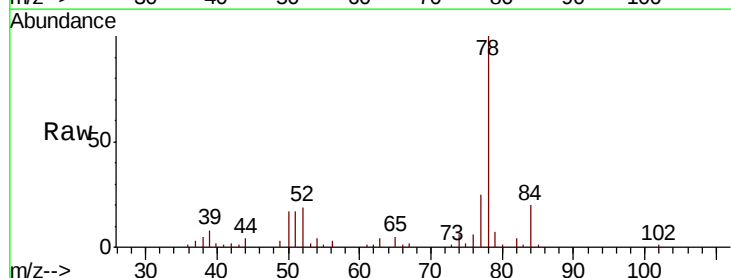
RT: 5.82 min Scan# 1393

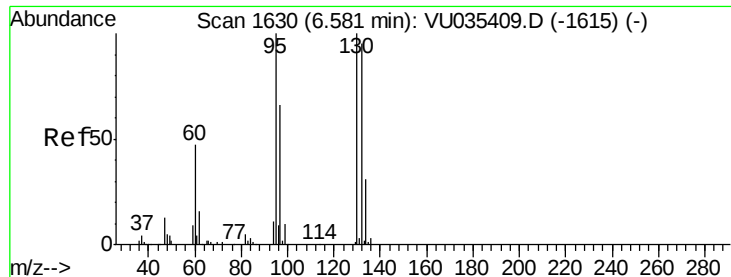
Delta R.T. -0.00 min

Lab File: VU035429.D

Acq: 24 Oct 2019 00:12

Tgt Ion: 78 Resp: 27300





#34
 Trichloroethene
 Concen: 0.316 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035429.D
 Acq: 24 Oct 2019 00:12

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G55

Tot Ion:	95	Resp:	5506
Ion Ratio	Lower	Upper	
95	100		
97	56.5	46.6	86.6
132	94.4	68.7	127.7
130	87.2	73.9	137.3

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MMDadoda
 10/24/2019 9:51:16 AM

