

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120419\
 Data File : VU035964.D
 Acq On : 04 Dec 2019 12:04
 Operator : JC/SP
 Sample : K6056-06DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE13DL

Manual Integrations
 APPROVED

apatel
 12/6/2019 12:56:56 PM

Quant Time: Dec 11 07:04:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 05 03:54:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	295816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	320806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153146	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	127914	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	213708	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.70	46	283385	47.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	5.11	84	224914	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	120790	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	431688	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	143316	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.93	98	346229	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	52440	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.68	63	210264	43.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116584	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	106142	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.61	96	86126	4.063	ug/L 92
13) Acetone	2.69	43	10067	1.865	ug/L 68
19) 1,1-Dichloroethane	3.92	63	84293	1.921	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	8718m	0.368	ug/L
29) 1,1,1-Trichloroethane	5.36	97	3036	0.078	ug/L # 81
34) Trichloroethene	6.58	95	144114	5.649	ug/L 97
47) Tetrachloroethene	8.58	164	11117	0.536	ug/L 88

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

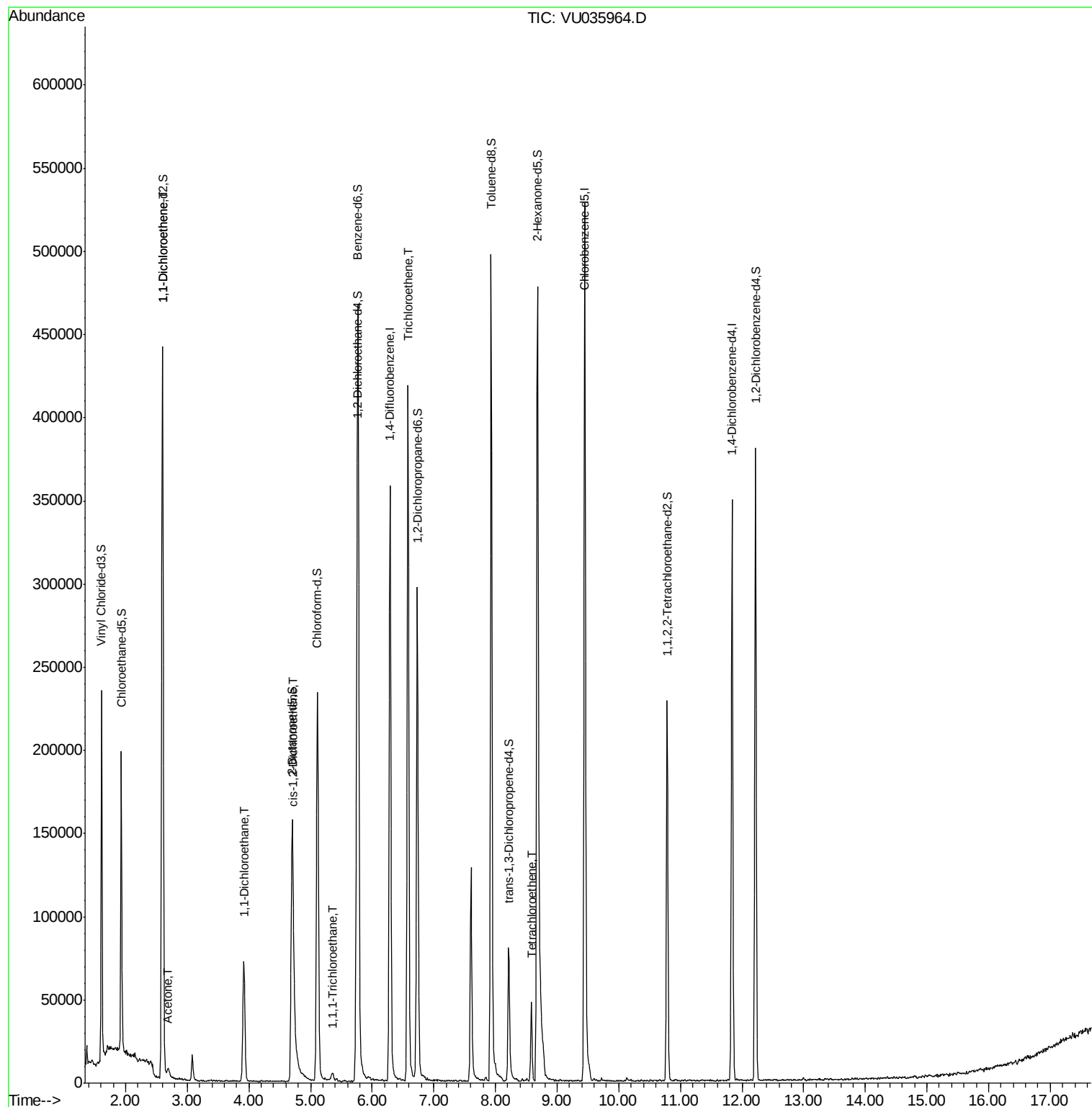
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120419\
Data File : VU035964.D
Acq On : 04 Dec 2019 12:04
Operator : JC/SP
Sample : K6056-06DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

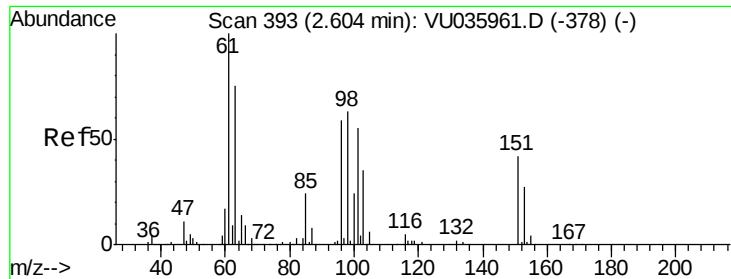
Instrument :
MSVOA_U
ClientSampleId :
BFE13DL

Manual Integrations
APPROVED

apatel
12/6/2019 12:56:56 PM

Quant Time: Dec 11 07:04:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.063 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035964.D

Acq: 04 Dec 2019 12:04

Instrument :

MSVOA_U

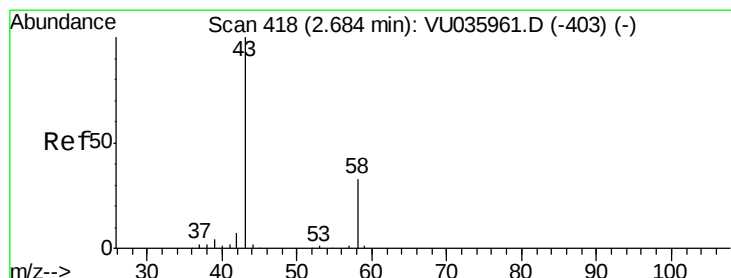
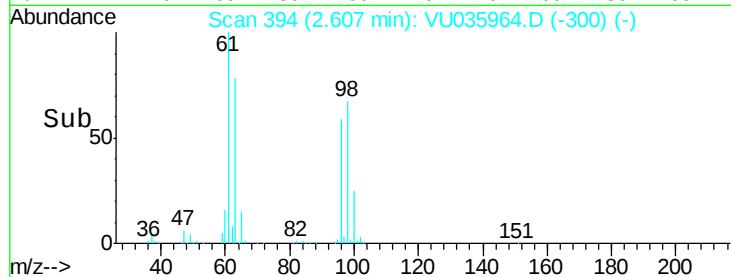
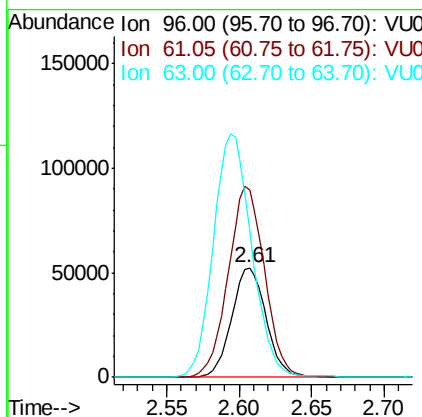
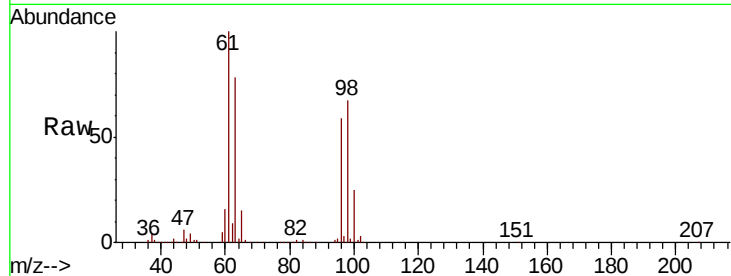
ClientSampleID :

BFE13DL

Tot Ion:	96	Resp:	86126
Ion	Ratio	Lower	Upper
96	100		
61	170.6	127.1	236.1
63	133.3	86.0	159.8

Manual Integrations
APPROVED

apatel
12/6/2019 12:56:56 PM



#13

Acetone

Concen: 1.865 ug/L

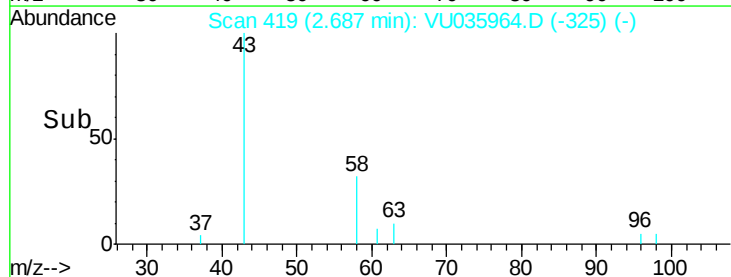
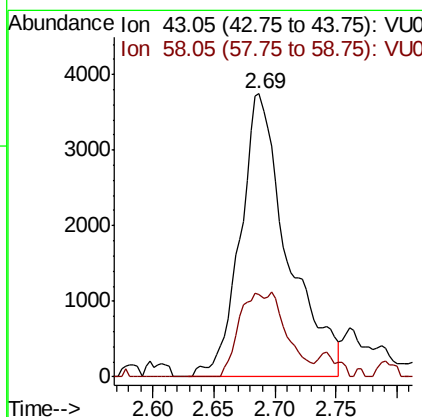
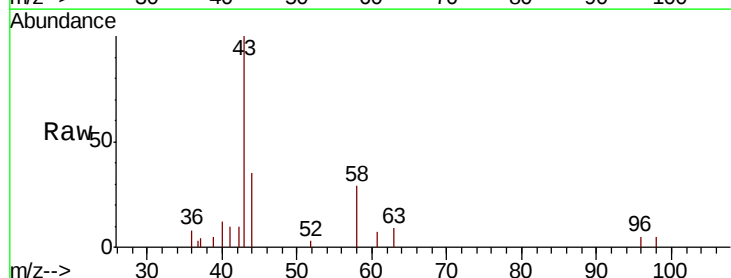
RT: 2.69 min Scan# 419

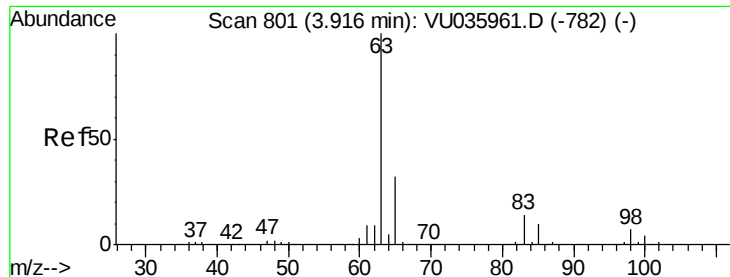
Delta R.T. 0.00 min

Lab File: VU035964.D

Acq: 04 Dec 2019 12:04

Tgt Ion:	43	Resp:	10067
Ion	Ratio	Lower	Upper
43	100		
58	15.8	0.0	68.6





#19

1,1-Dichloroethane

Concen: 1.921 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035964.D

Acq: 04 Dec 2019 12:04

Instrument :

MSVOA_U

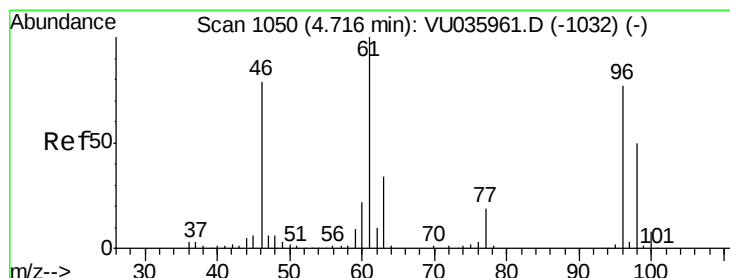
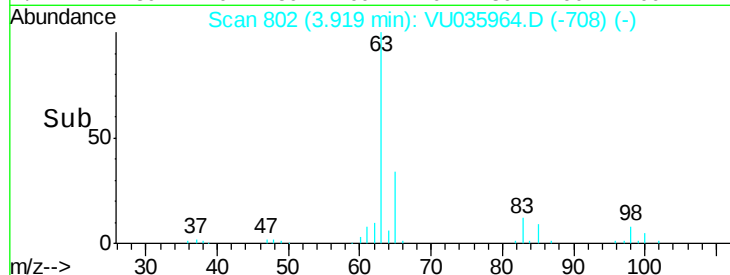
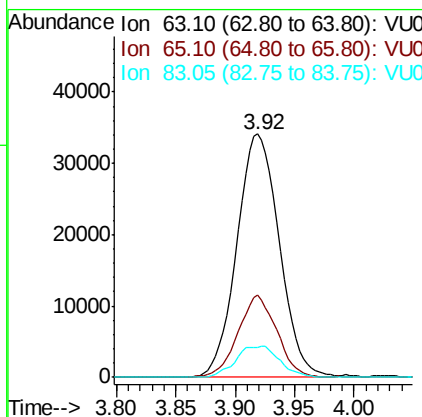
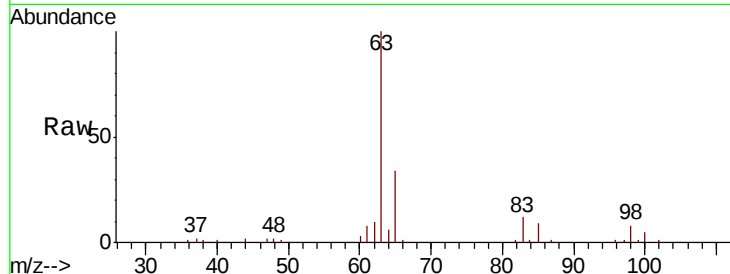
ClientSampled :

BFE13DL

Tot Ion:	63	Resp:	84293
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.4	41.6
83	12.5	9.8	18.2

Manual Integrations
APPROVED

apatel
12/6/2019 12:56:56 PM



#22

cis-1,2-Dichloroethene

Concen: 0.368 ug/L m

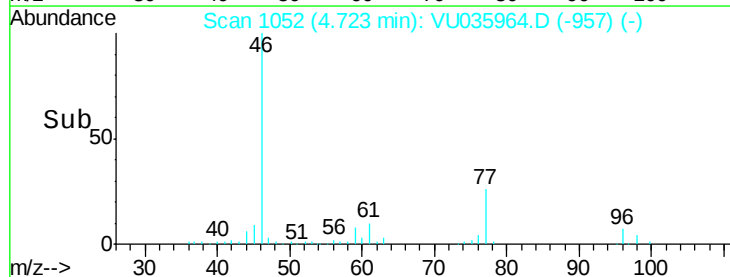
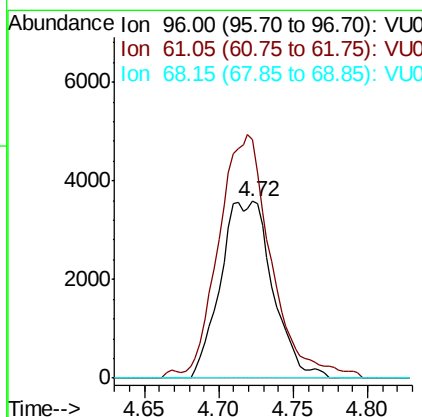
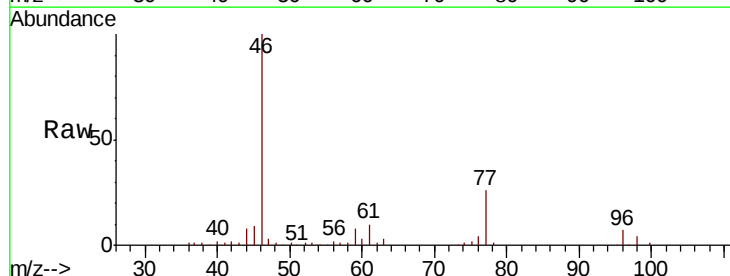
RT: 4.72 min Scan# 1052

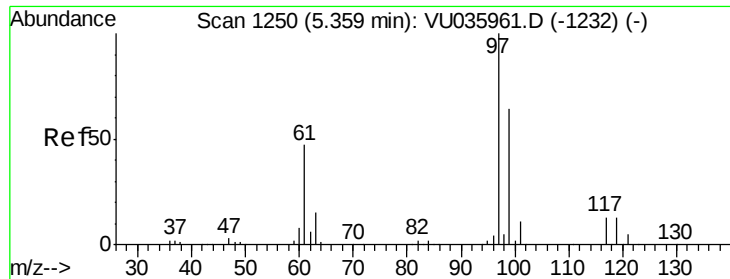
Delta R.T. 0.01 min

Lab File: VU035964.D

Acq: 04 Dec 2019 12:04

Tgt Ion:	96	Resp:	8718
Ion	Ratio	Lower	Upper
96	100		
61	134.8	95.7	177.7
68	0.0	0.0	0.0





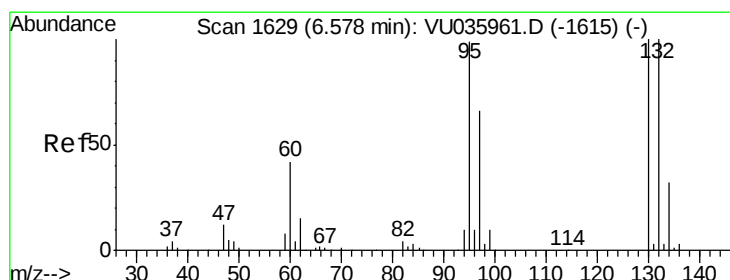
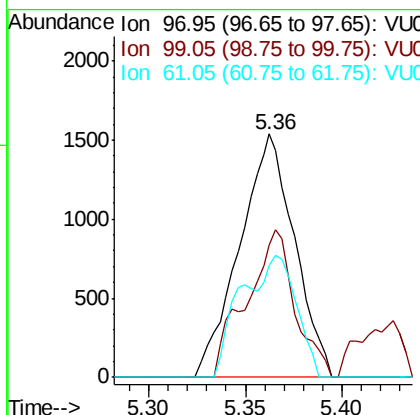
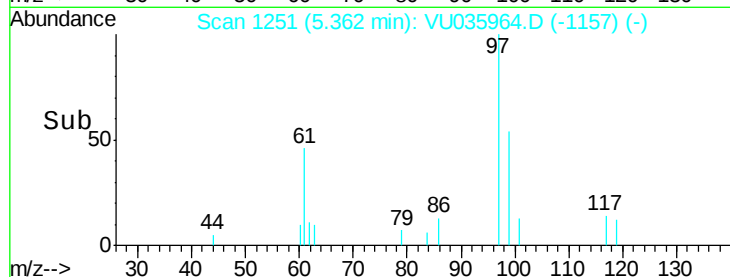
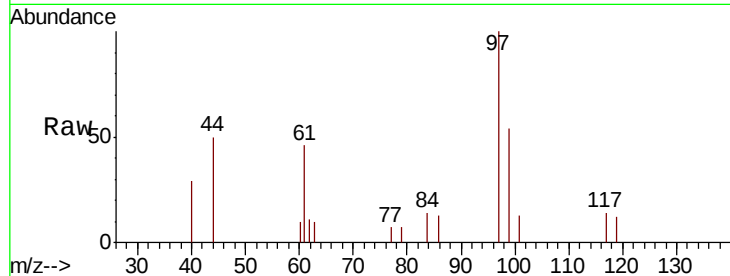
#29
1,1,1-Trichloroethane
Concen: 0.078 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035964.D
Acq: 04 Dec 2019 12:04

Instrument :
MSVOA_U
ClientSampleId :
BFE13DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	53.3	51.8	77.8
61	30.2	37.6	56.4#

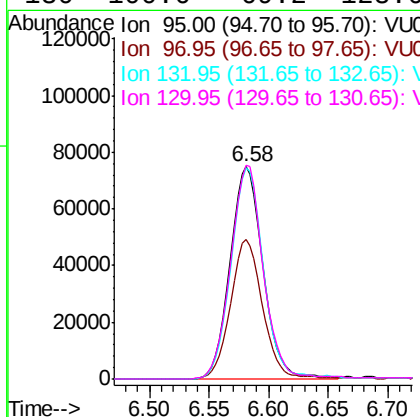
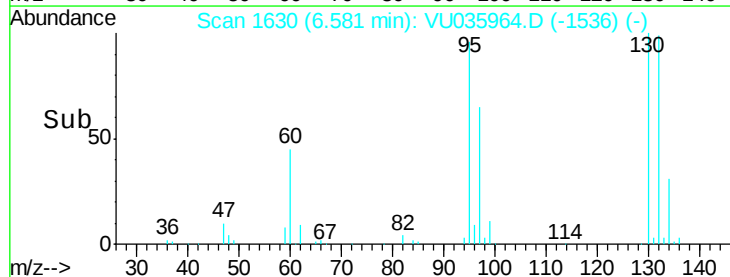
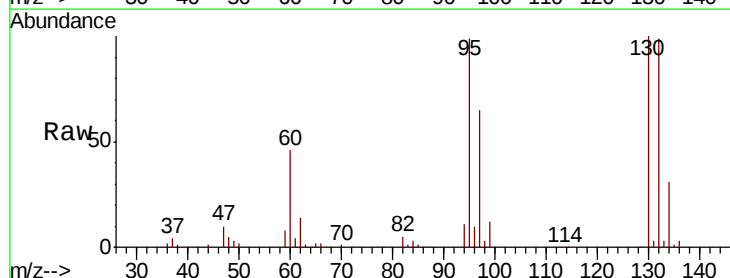
Manual Integrations
APPROVED

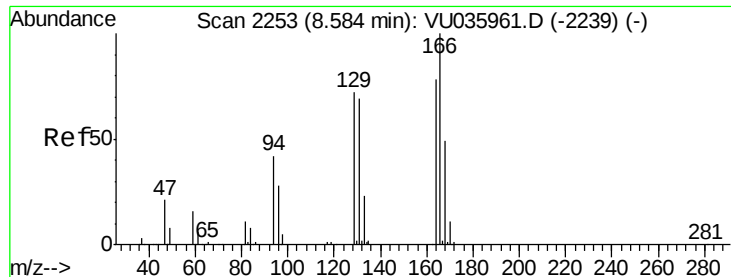
apatel
12/6/2019 12:56:56 PM



#34
Trichloroethene
Concen: 5.649 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035964.D
Acq: 04 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.3	85.9
132	99.2	65.7	122.1
130	100.6	69.2	128.6





#47
Tetrachloroethene
Concen: 0.536 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035964.D
Acq: 04 Dec 2019 12:04

Instrument :
MSVOA_U
ClientSampleId :
BFE13DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	11117		
129	83.1	67.9	126.1	
131	89.8	64.1	119.1	
166	113.2	92.6	172.0	

Manual Integrations
APPROVED

apatel
12/6/2019 12:56:56 PM

