

Data File : VU033316.D
Acq On : 18 Jul 2019 14:00
Operator : JC/SP
Sample : K3863-03ME
Misc : 6.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52F8ME

Quant Time: Jul 19 01:47:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	346682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	344187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	174619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116683	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.92%
7) Chloroethane-d5	1.63	69	90638	40.43	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.22	63	207048	43.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
21) 2-Butanone-d5	4.16	46	183756	110.51	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.51%
24) Chloroform-d	4.62	84	213607	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.28	65	140707	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.31	84	451612	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
36) 1,2-Dichloropropane-d6	6.31	67	142060	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.54	98	406914	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.83	79	68470	51.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.26%
47) 2-Hexanone-d5	8.31	63	141471	116.02	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.02%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	220929	53.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	170012	54.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.18%

Target Compounds

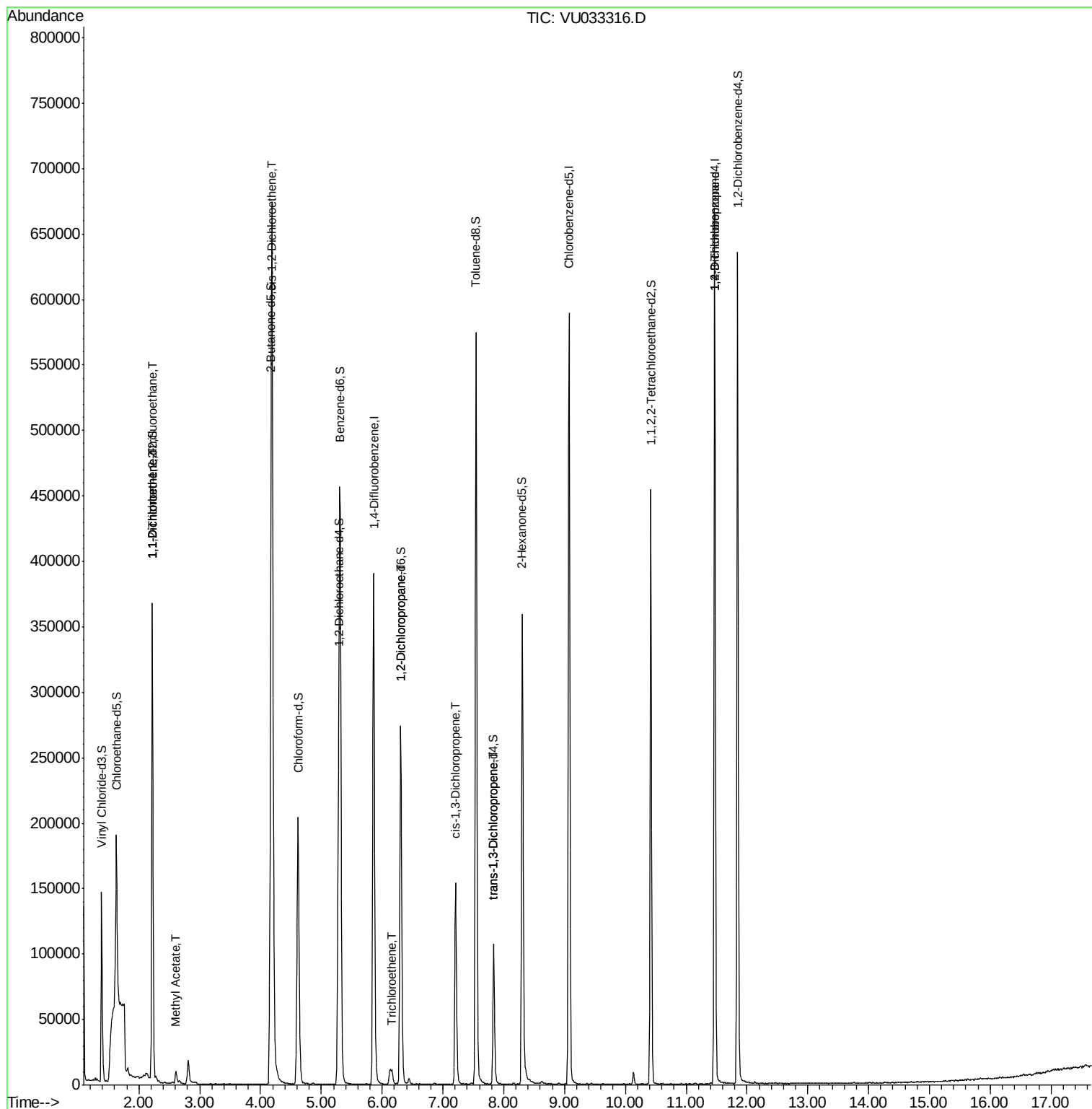
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	1838	0.777	ug/L #	21
12) 1,1-Dichloroethene	2.23	96	3193	1.380	ug/L #	1
15) Methyl Acetate	2.61	43	12025	4.432	ug/L	100
20) cis-1,2-Dichloroethene	4.19	96	362857	134.512	ug/L	97
34) Trichloroethene	6.16	95	3257	1.241	ug/L	95
37) 1,2-Dichloropropane	6.31	63	14997	5.509	ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	4158	0.996	ug/L #	68
44) trans-1,3-Dichloropropene	7.83	75	3356	0.892	ug/L #	82
59) 1,2,3-Trichloropropane	11.47	75	20543	5.797	ug/L #	88

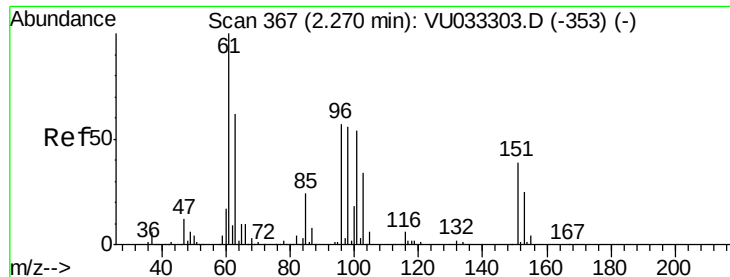
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.777 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033316.D

Acq: 18 Jul 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

A52F8ME

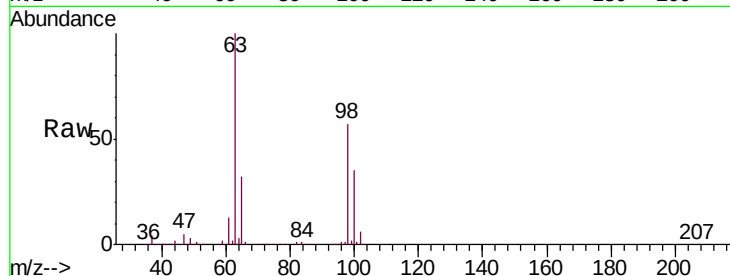
Tgt Ion: 101 Resp: 1838

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

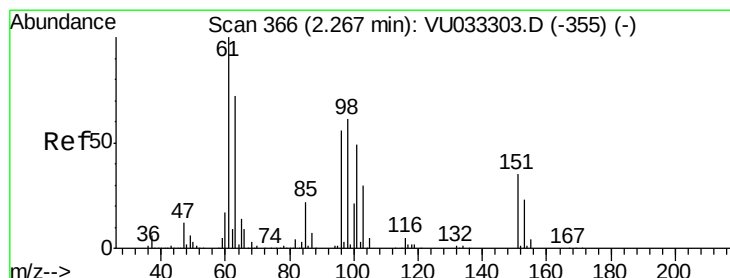
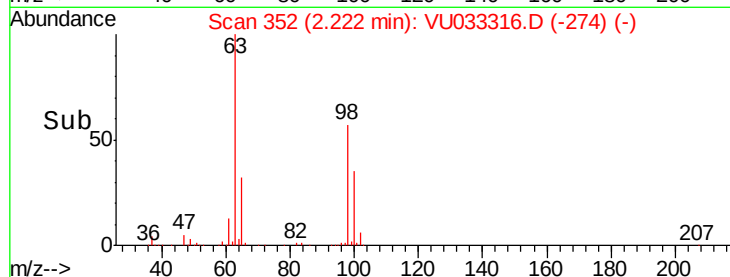
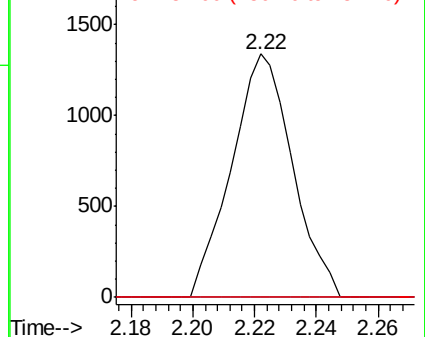
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.380 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.04 min

Lab File: VU033316.D

Acq: 18 Jul 2019 14:00

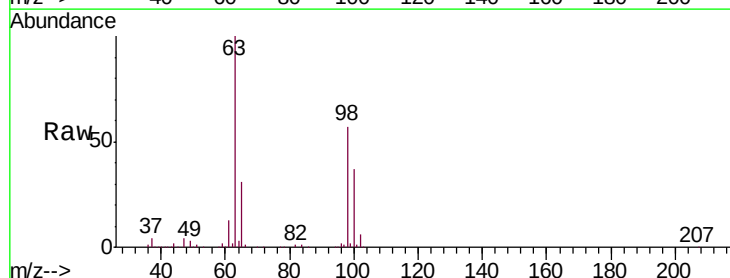
Tgt Ion: 96 Resp: 3193

Ion Ratio Lower Upper

96 100

61 753.5 126.1 234.1#

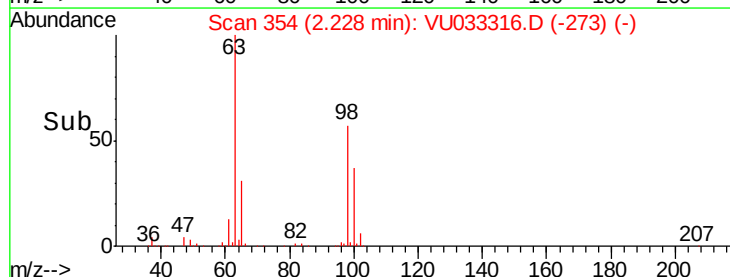
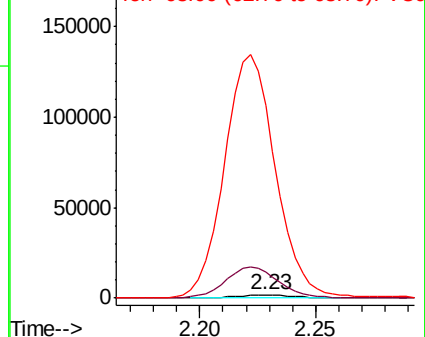
63 5642.6 96.8 179.8#

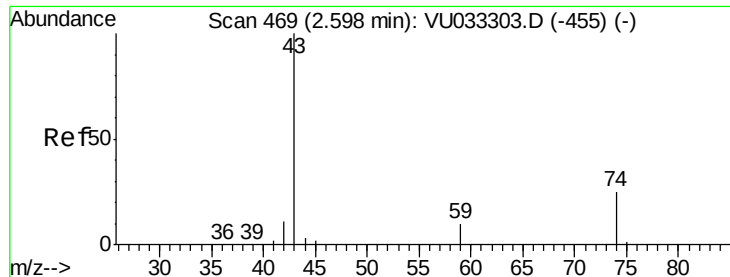


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

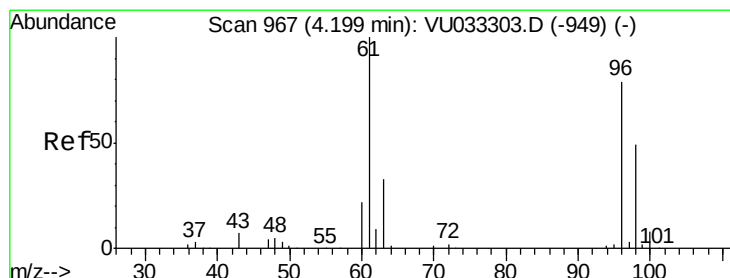
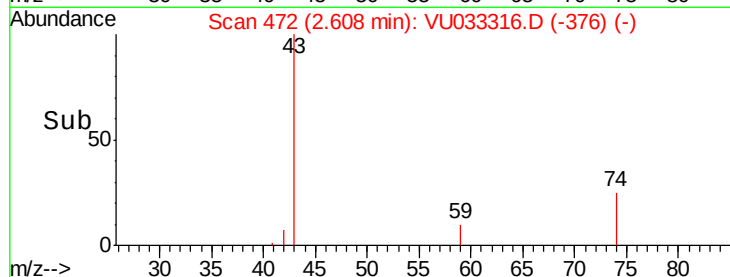
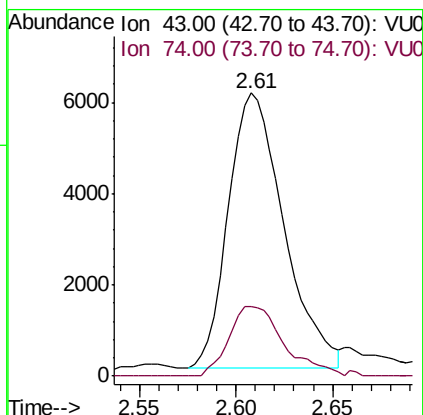
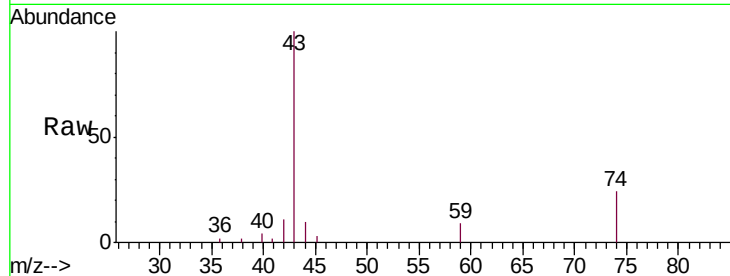




#15
Methyl Acetate
Concen: 4.432 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU033316.D
Acq: 18 Jul 2019 14:00

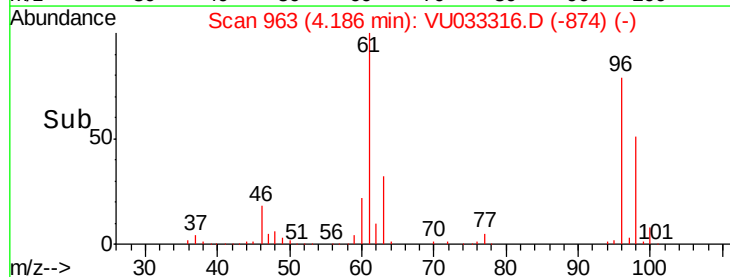
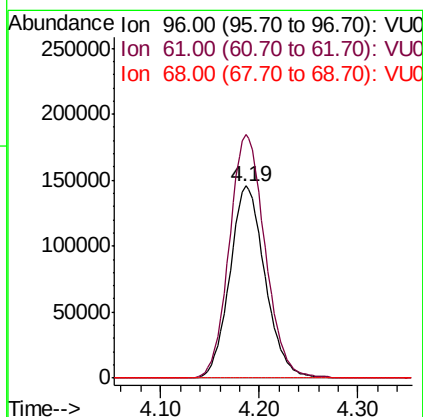
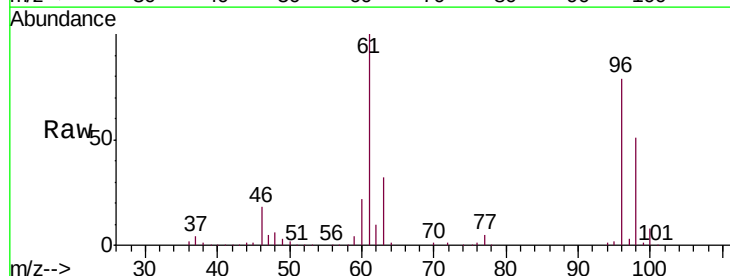
Instrument :
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ClientSampleId :
A52F8ME

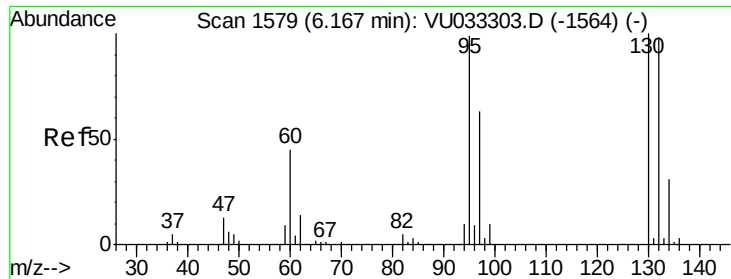
Tgt Ion: 43 Resp: 12025
Ion Ratio Lower Upper
43 100
74 25.0 19.9 29.9



#20
cis-1,2-Dichloroethene
Concen: 134.512 ug/L
RT: 4.19 min Scan# 963
Delta R.T. -0.01 min
Lab File: VU033316.D
Acq: 18 Jul 2019 14:00

Tgt Ion: 96 Resp: 362857
Ion Ratio Lower Upper
96 100
61 126.8 91.1 169.1
68 0.0 0.0 0.0

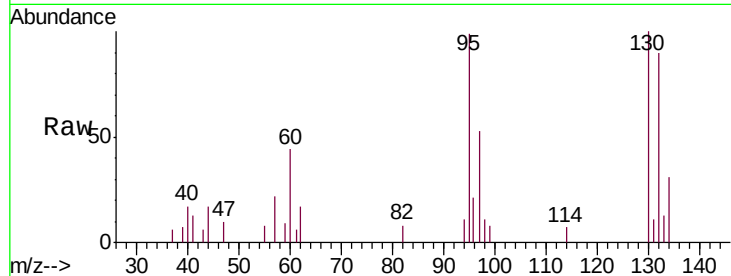




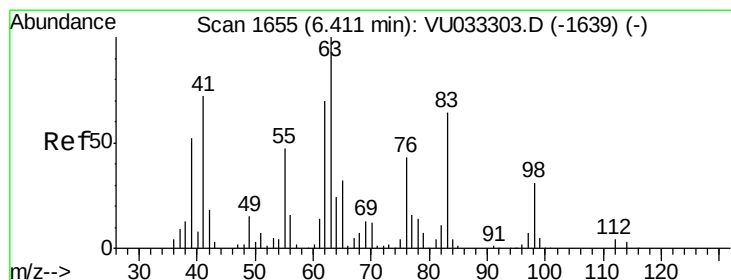
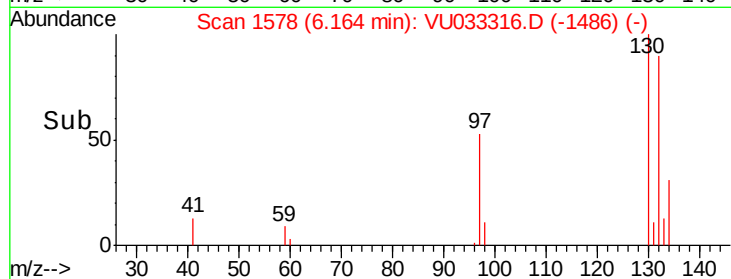
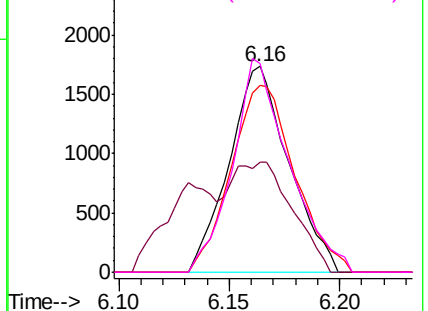
#34
 Trichloroethene
 Concen: 1.241 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033316.D
 Acq: 18 Jul 2019 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 A52F8ME

Tgt Ion: 95 Resp: 3257
 Ion Ratio Lower Upper
 95 100
 97 53.5 43.8 81.4
 132 91.1 65.5 121.6
 130 101.4 69.7 129.5

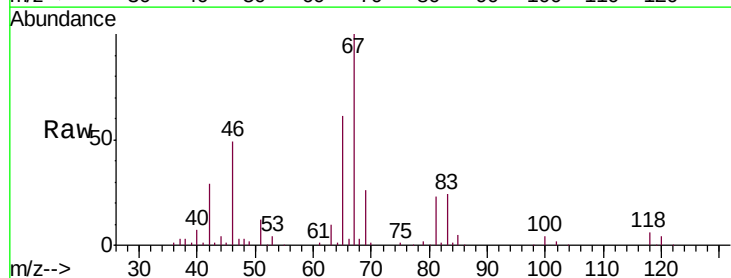


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

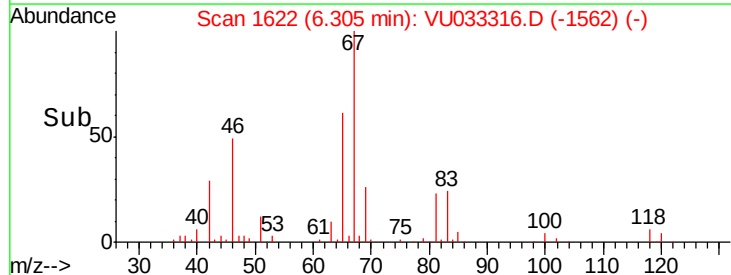
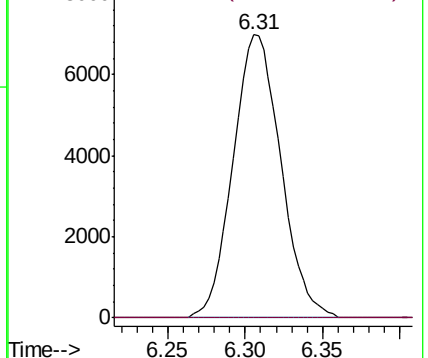


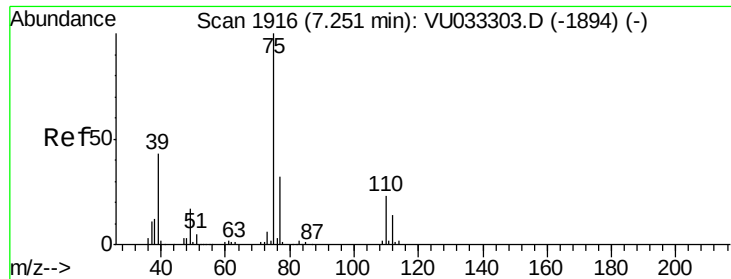
#37
 1,2-Dichloropropane
 Concen: 5.509 ug/L
 RT: 6.31 min Scan# 1622
 Delta R.T. -0.11 min
 Lab File: VU033316.D
 Acq: 18 Jul 2019 14:00

Tgt Ion: 63 Resp: 14997
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.2 4.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

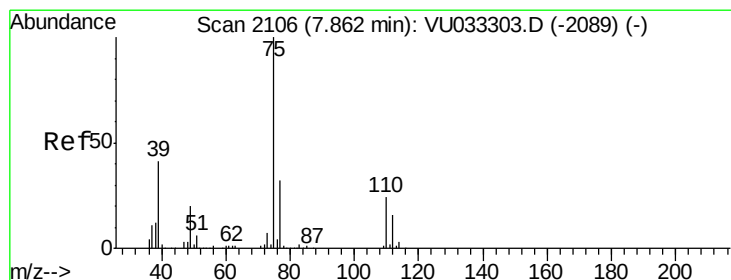
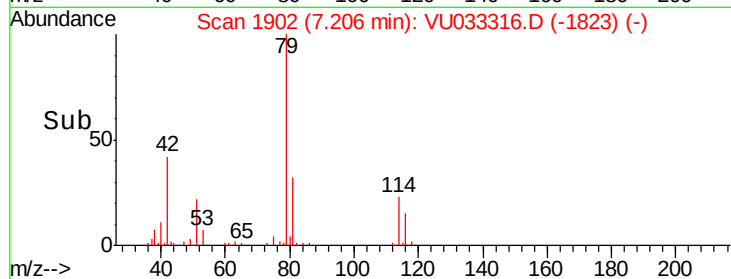
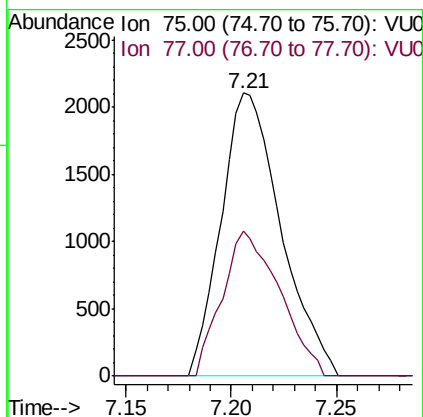
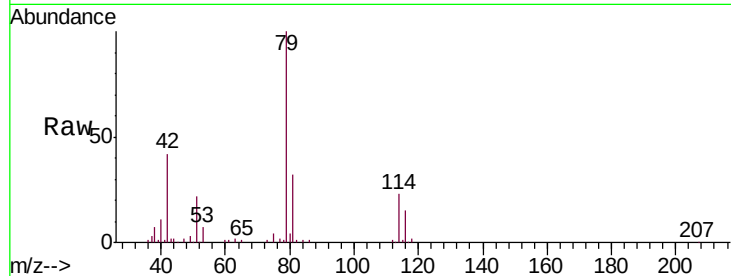




#39
 cis-1,3-Dichloropropene
 Concen: 0.996 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033316.D
 Acq: 18 Jul 2019 14:00

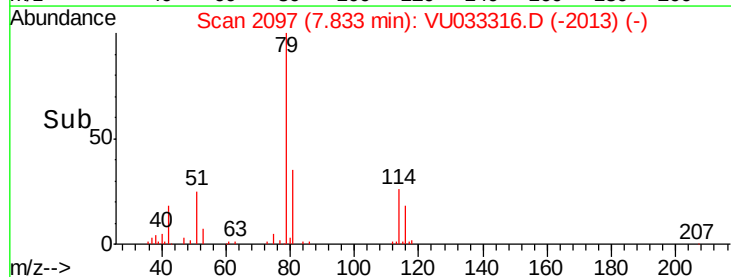
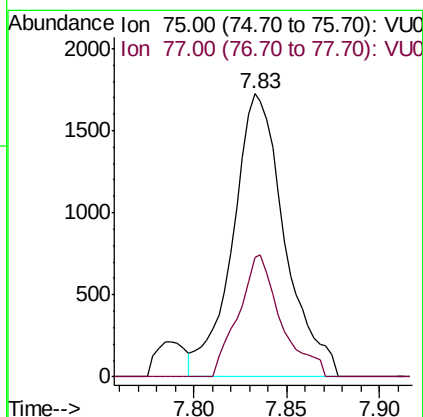
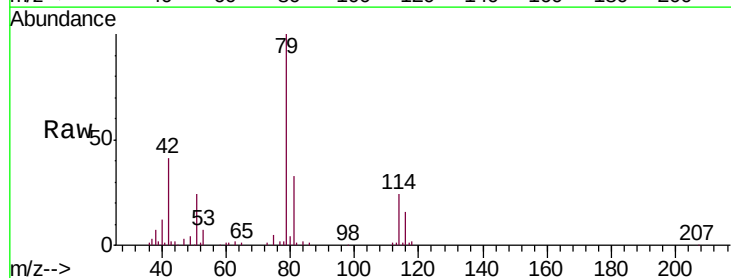
Instrument :
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 ClientSampleId :
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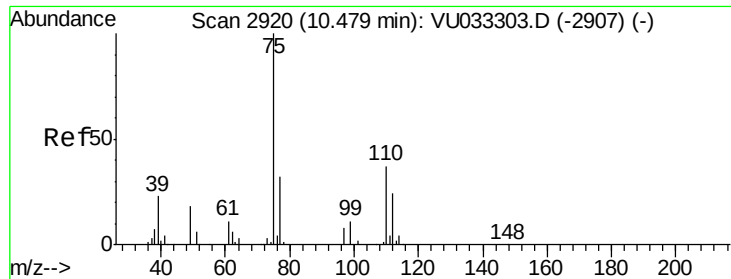
Tgt Ion: 75 Resp: 4158
 Ion Ratio Lower Upper
 75 100
 77 51.3 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.892 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033316.D
 Acq: 18 Jul 2019 14:00

Tgt Ion: 75 Resp: 3356
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 5.797 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033316.D

Acq: 18 Jul 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

A52F8ME

Tgt Ion: 75 Resp: 20543

Ion Ratio Lower Upper

75 100

77 39.1 26.0 39.0#

