

Data File : VU033576.D
Acq On : 02 Aug 2019 17:38
Operator : JC/SP
Sample : K4103-17DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F8DL

Quant Time: Aug 03 00:44:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	290413	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127815	60.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.06%
7) Chloroethane-d5	1.67	69	107979	59.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.26	63	167185	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
21) 2-Butanone-d5	4.15	46	177133	126.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.66%
24) Chloroform-d	4.62	84	204445	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
26) 1,2-Dichloroethane-d4	5.29	65	136659	60.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.94%
32) Benzene-d6	5.32	84	421323	59.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.64%
36) 1,2-Dichloropropane-d6	6.31	67	135991	61.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.14%#
41) Toluene-d8	7.55	98	372040	55.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.78%
43) trans-1,3-Dichloropropene-	7.83	79	60611	54.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.76%
47) 2-Hexanone-d5	8.29	63	130682	123.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.62%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	198829	57.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	148779	60.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

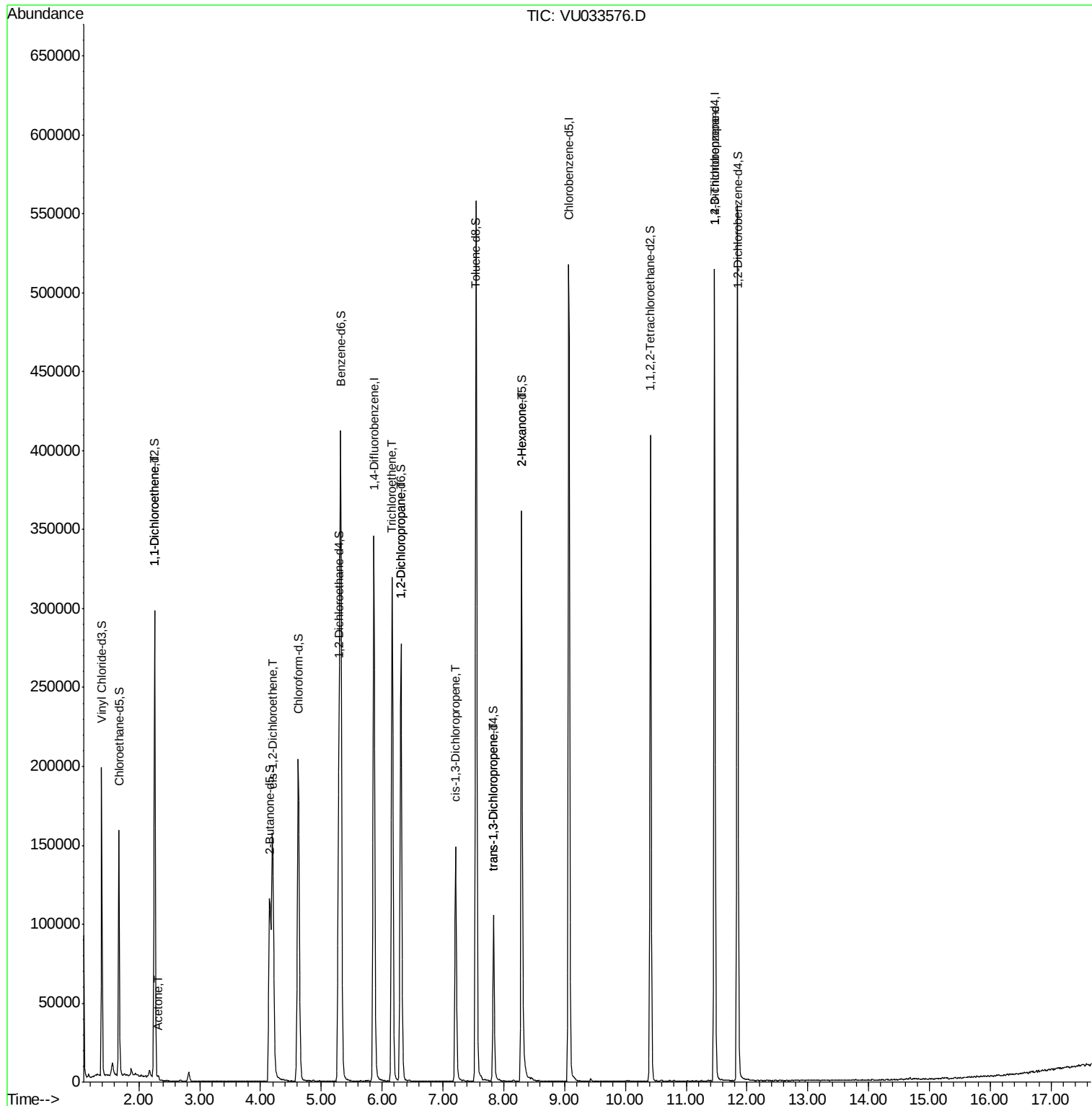
					Qvalue
12) 1,1-Dichloroethene	2.26	96	1447	0.769 ug/L #	1
13) Acetone	2.31	43	920	0.643 ug/L	75
20) cis-1,2-Dichloroethene	4.20	96	82523	37.314 ug/L	100
34) Trichloroethene	6.16	95	112590	51.636 ug/L	98
37) 1,2-Dichloropropane	6.31	63	14837	6.706 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3629	1.051 ug/L #	65
44) trans-1,3-Dichloropropene	7.83	75	2548	0.816 ug/L #	69
48) 2-Hexanone	8.29	43	14665	5.939 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	15301	5.239 ug/L #	87

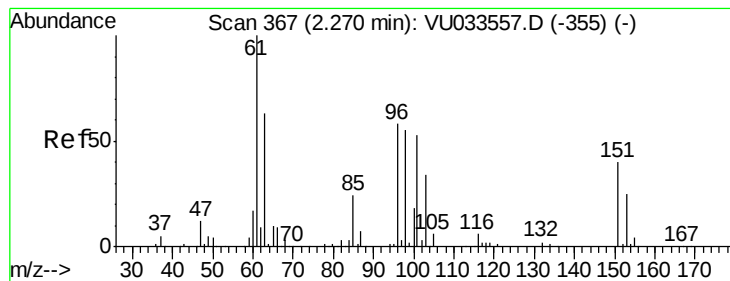
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.769 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

DB9F8DL

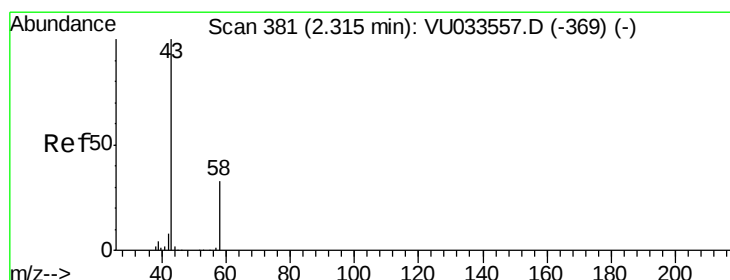
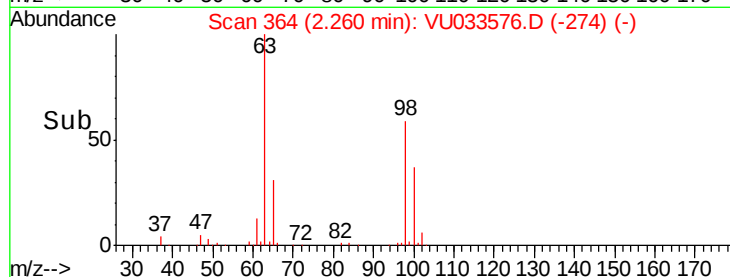
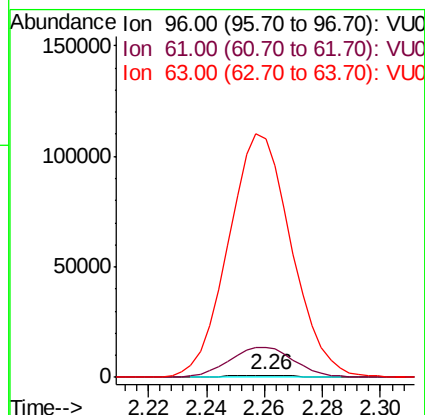
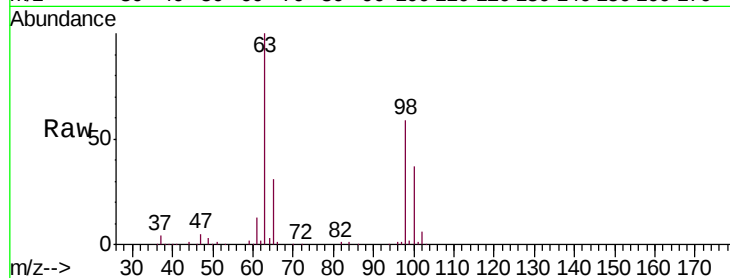
Tgt Ion: 96 Resp: 1447

Ion Ratio Lower Upper

96 100

61 1632.8 119.3 221.5#

63 12830.4 86.6 160.8#



#13

Acetone

Concen: 0.643 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VU033576.D

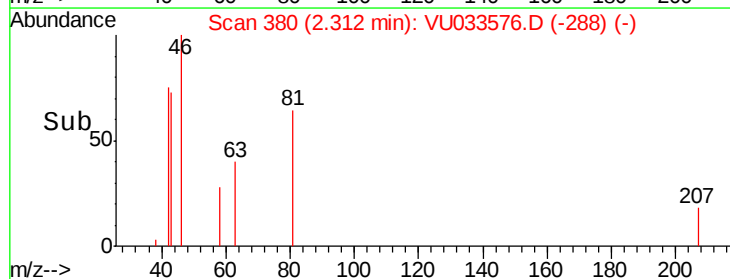
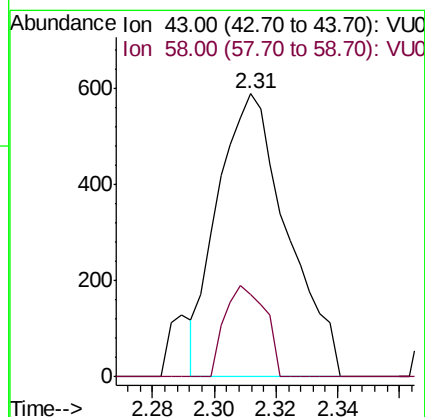
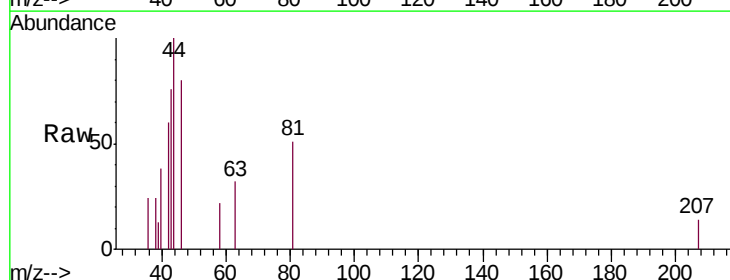
Acq: 02 Aug 2019 17:38

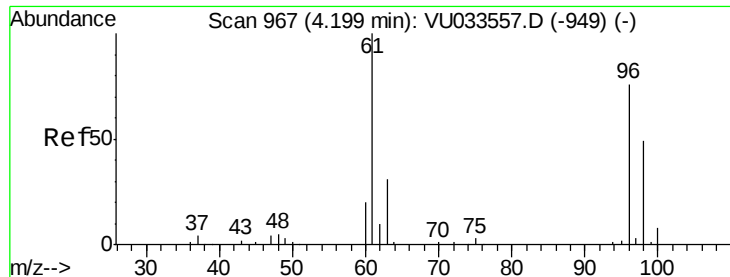
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 19.0 0.0 66.2

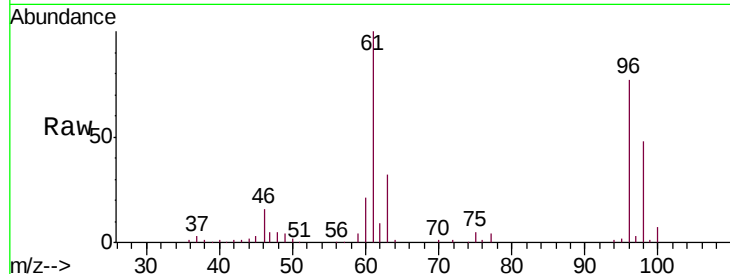




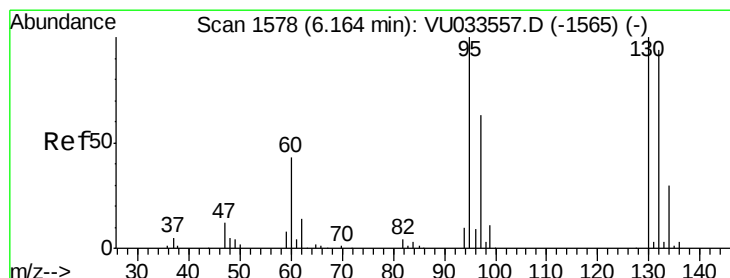
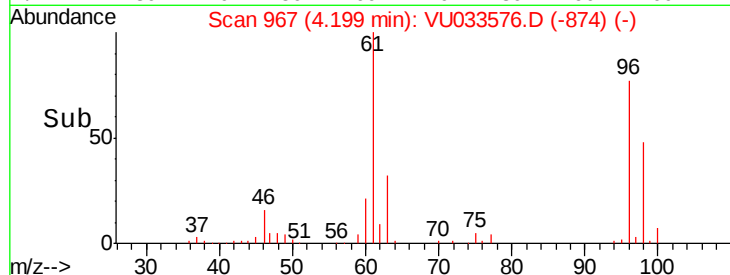
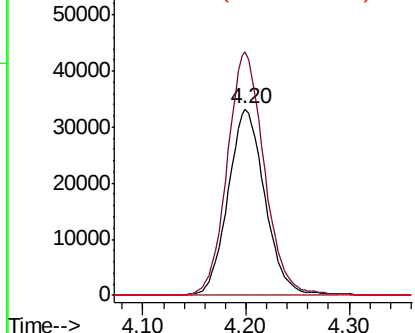
#20
 cis-1,2-Dichloroethene
 Concen: 37.314 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033576.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F8DL

Tgt Ion: 96 Resp: 82523
 Ion Ratio Lower Upper
 96 100
 61 130.5 91.3 169.6
 68 0.0 0.0 0.0

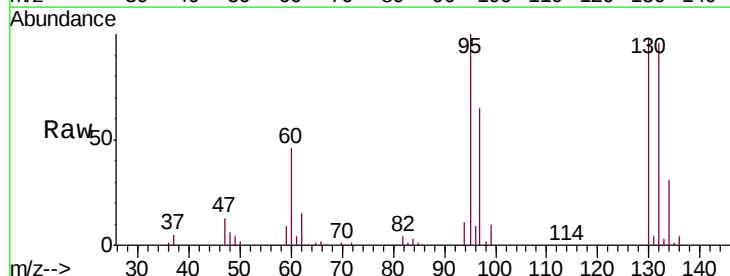


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

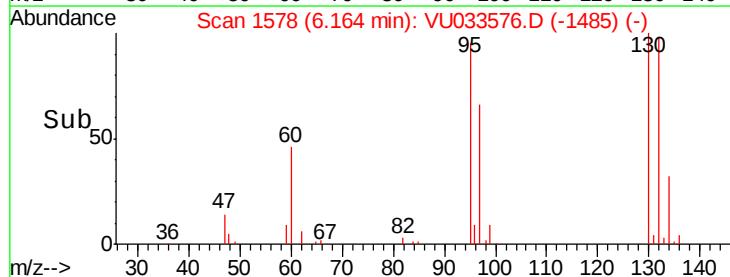
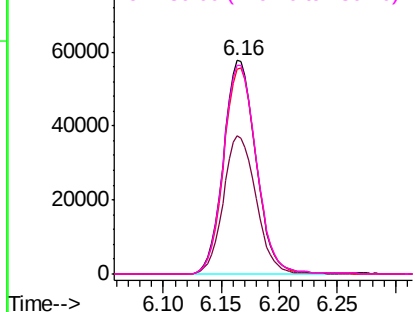


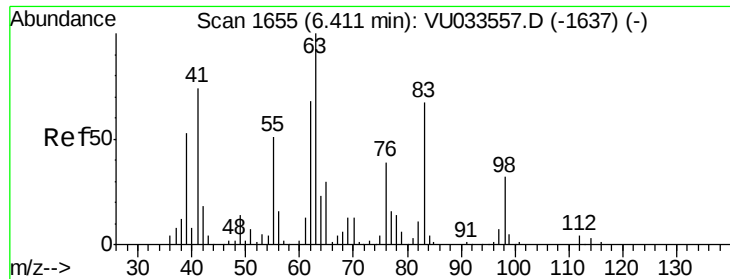
#34
 Trichloroethene
 Concen: 51.636 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033576.D
 Acq: 02 Aug 2019 17:38

Tgt Ion: 95 Resp: 112590
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.7 83.1
 132 95.9 66.8 124.0
 130 97.6 71.6 133.0



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

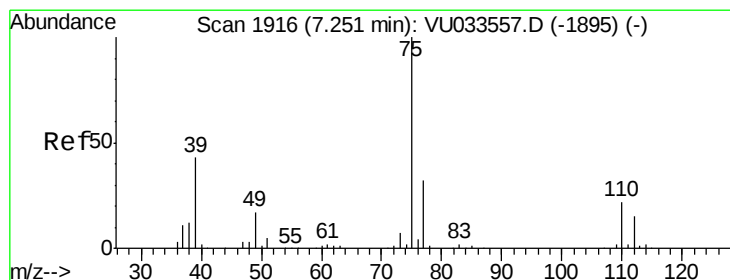
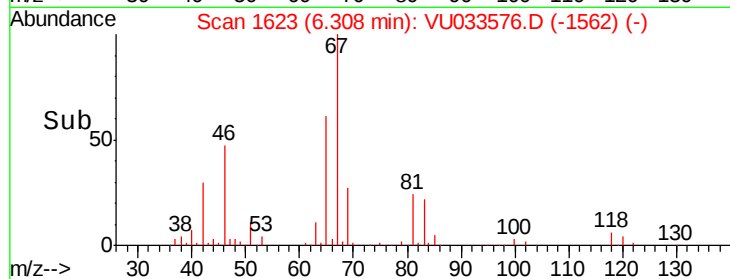
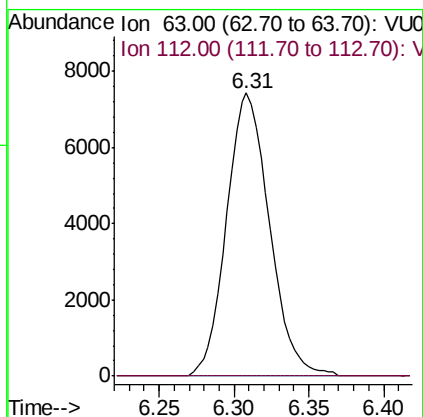
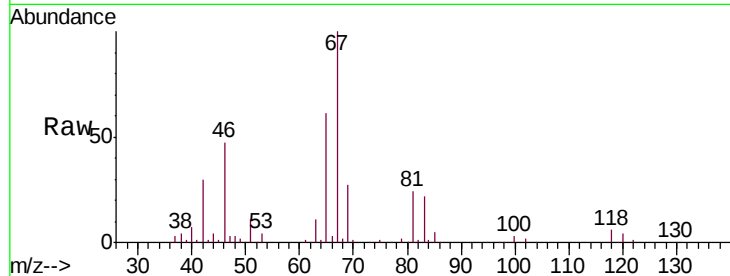




#37
 1,2-Dichloropropane
 Concen: 6.706 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033576.D
 Acq: 02 Aug 2019 17:38

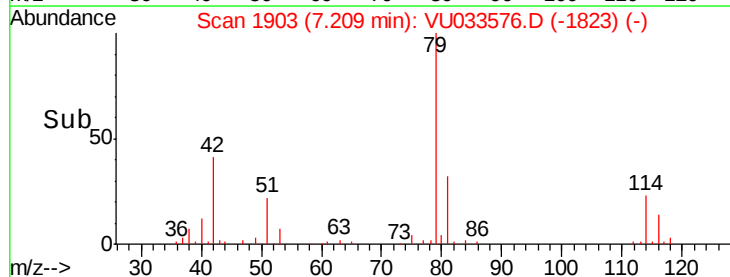
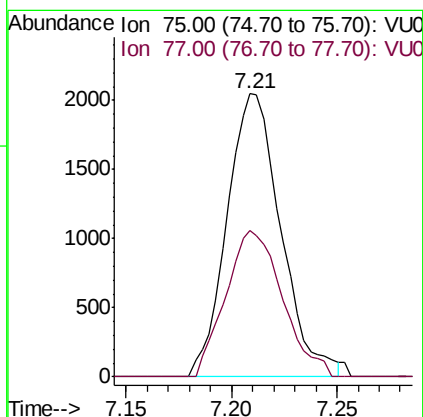
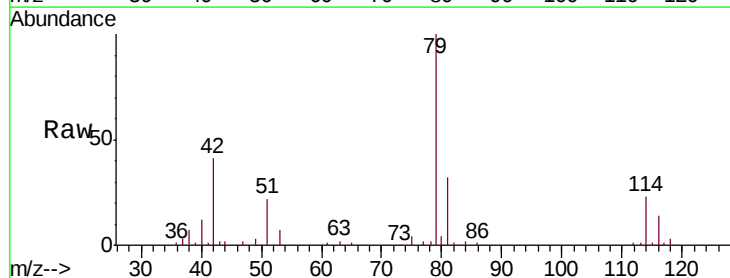
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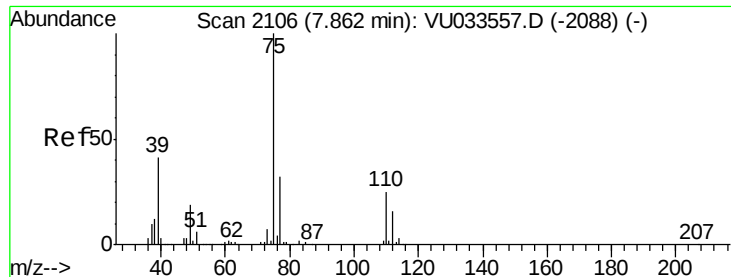
Tgt Ion: 63 Resp: 14837
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033576.D
 Acq: 02 Aug 2019 17:38

Tgt Ion: 75 Resp: 3629
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033576.D

Acq: 02 Aug 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

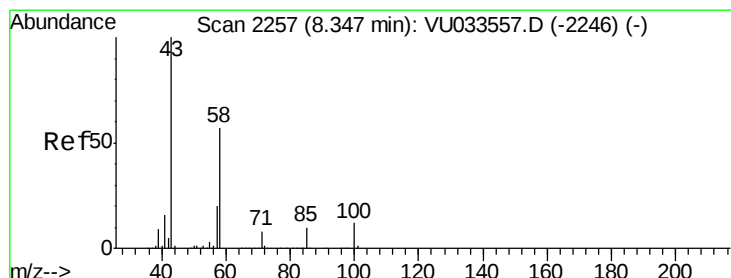
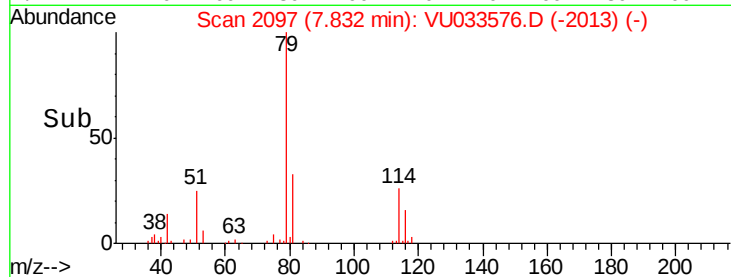
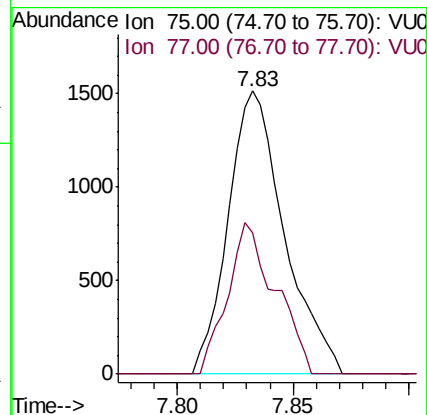
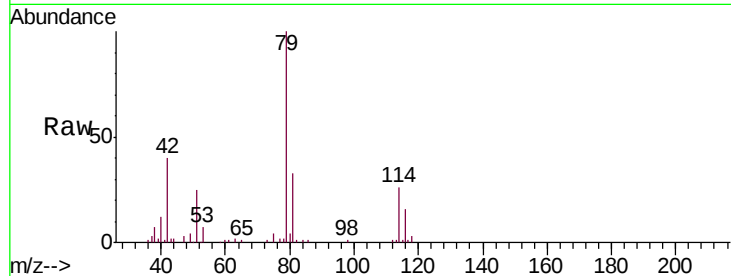
DB9F8DL

Tgt Ion: 75 Resp: 2548

Ion Ratio Lower Upper

75 100

77 49.7 22.7 42.1#



#48

2-Hexanone

Concen: 5.939 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU033576.D

Acq: 02 Aug 2019 17:38

Tgt Ion: 43 Resp: 14665

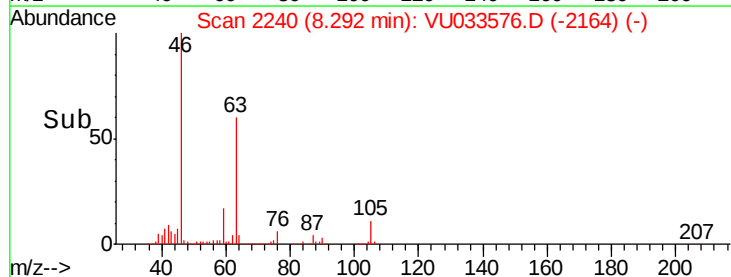
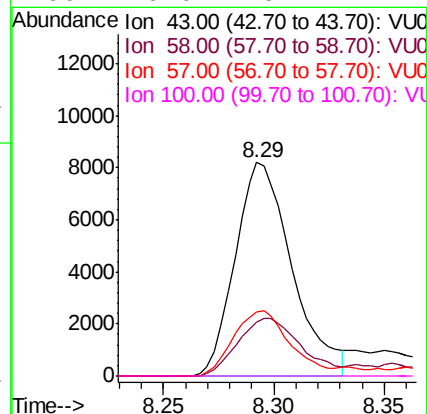
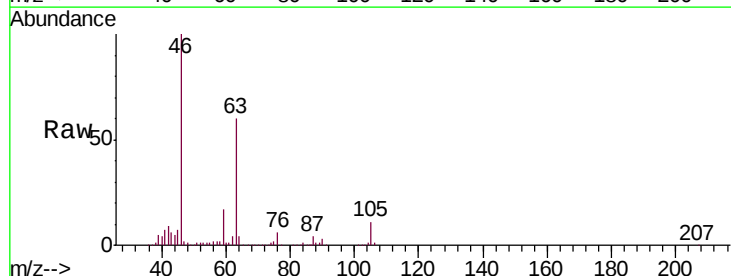
Ion Ratio Lower Upper

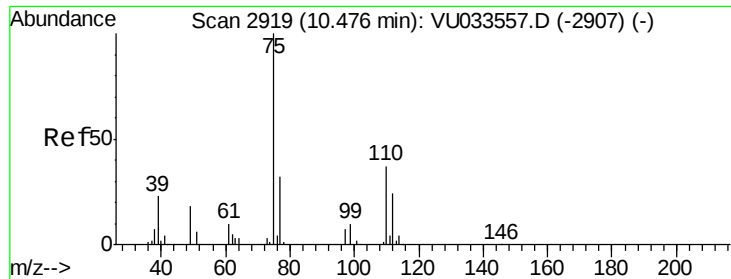
43 100

58 30.1 45.8 68.6#

57 30.2 15.8 23.6#

100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.239 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033576.D

Acq: 02 Aug 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

DB9F8DL

Tgt Ion: 75 Resp: 15301

Ion Ratio Lower Upper

75 100

77 39.5 25.8 38.6#

