

Data File : VU030424.D
Acq On : 25 Mar 2019 23:50
Operator : JC/SP
Sample : K2070-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C6DL

Quant Time: Mar 26 01:33:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194935	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.68	69	153754	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.26%
11) 1,1-Dichloroethene-d2	2.27	63	263187	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.28%
21) 2-Butanone-d5	4.17	46	327647	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.64	84	307207	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.31	65	205294	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.34	84	636532	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.33	67	220663	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.56	98	546723	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.85	79	92054	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	201516	85.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285224	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	181241	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%

Target Compounds

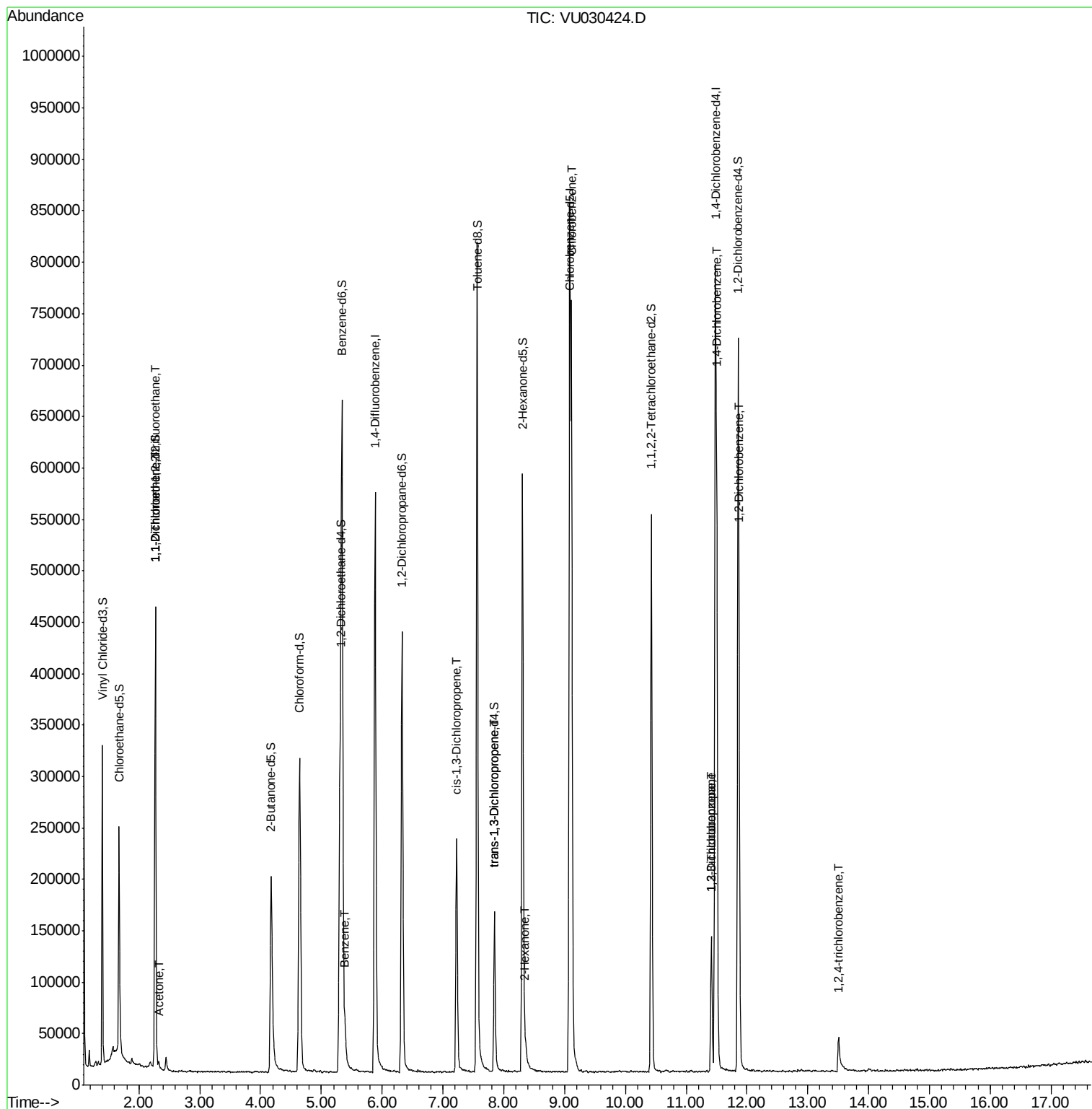
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2648	0.792	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1935	0.591	ug/L #	1
13) Acetone	2.32	43	2860	0.816	ug/L	92
33) Benzene	5.39	78	37804	2.518	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5177	0.845	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3562	0.661	ug/L #	82
48) 2-Hexanone	8.36	43	8333	1.420	ug/L #	43
51) Chlorobenzene	9.12	112	372614	39.451	ug/L	97
59) 1,2,3-Trichloropropane	11.41	75	18118	3.493	ug/L #	44
62) 1,3-Dichlorobenzene	11.41	146	54273	9.219	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	206663	34.099	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	48969	8.226	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	12784	3.338	ug/L #	85

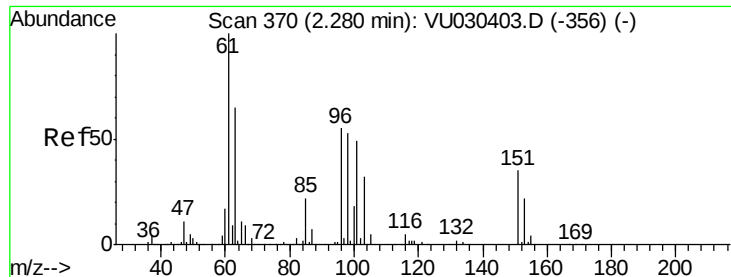
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.792 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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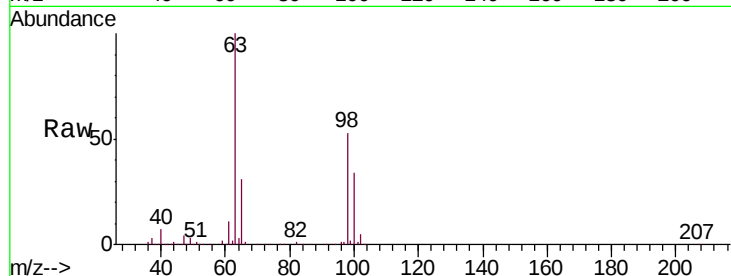
Tgt Ion: 101 Resp: 2648

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

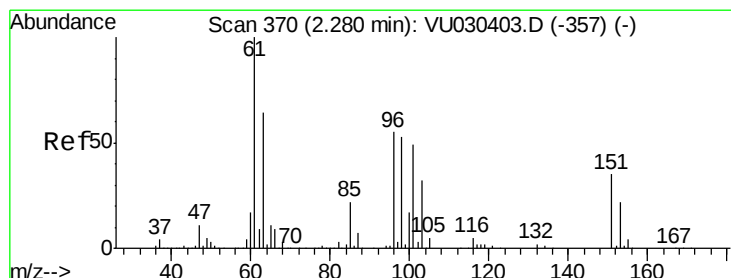
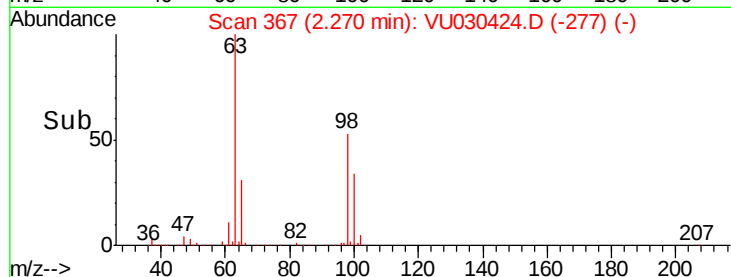
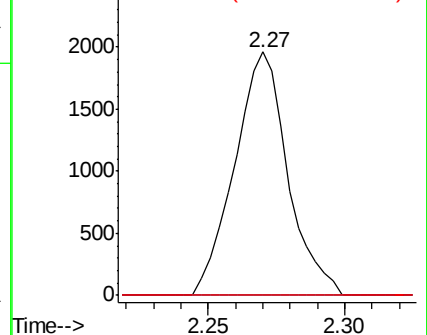
151 0.0 56.6 85.0#



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: 0.591 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

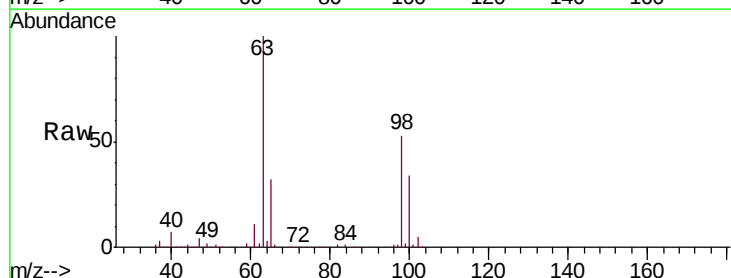
Tgt Ion: 96 Resp: 1935

Ion Ratio Lower Upper

96 100

61 1474.4 131.0 243.4#

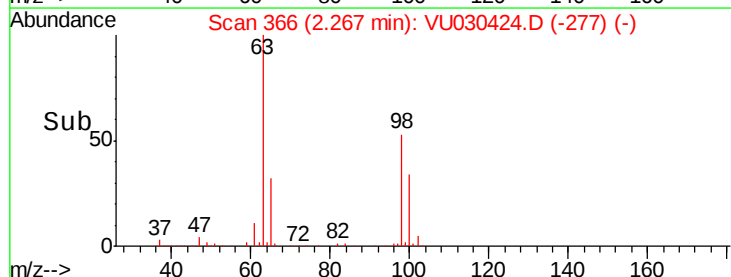
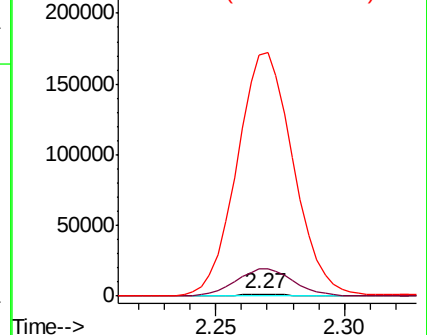
63 13310.0 92.4 171.6#

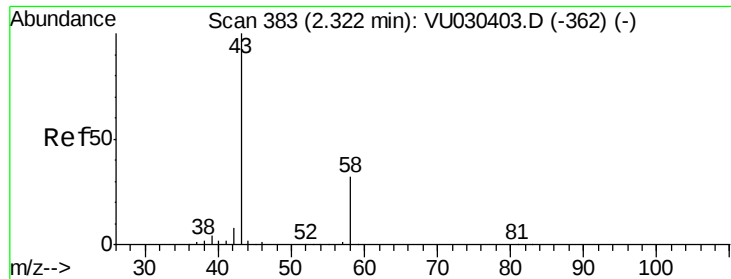


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.816 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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Acq: 25 Mar 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

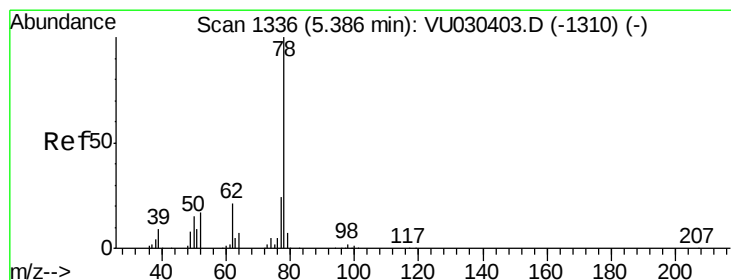
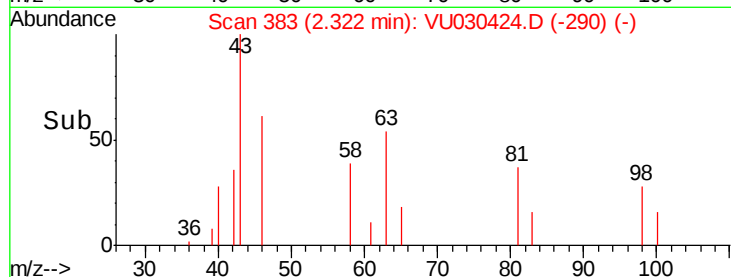
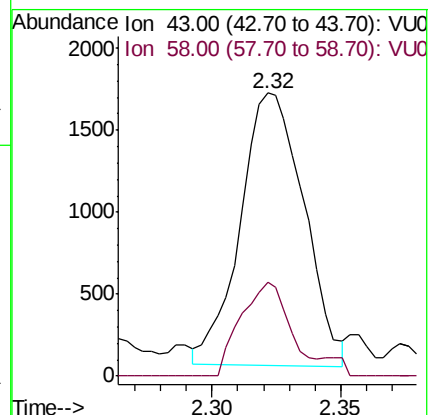
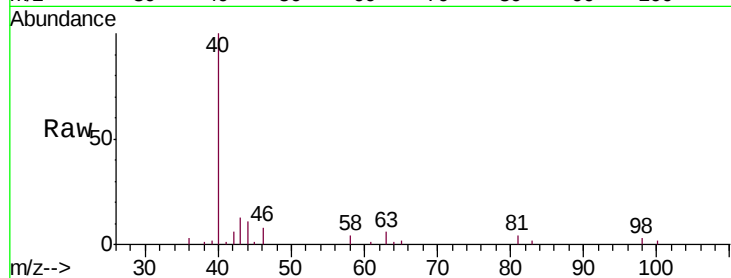
C09C6DL

Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

58 26.9 0.0 62.8



#33

Benzene

Concen: 2.518 ug/L

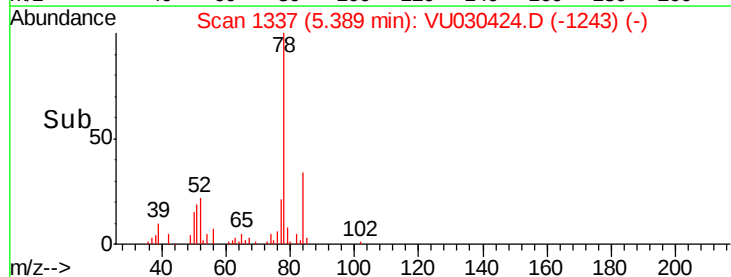
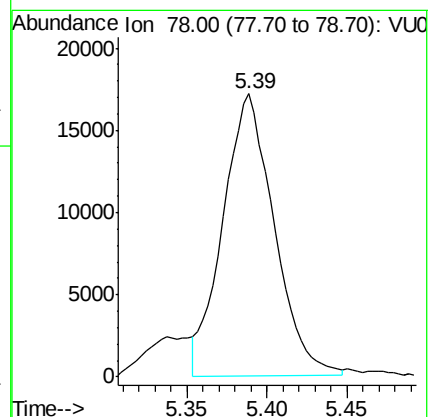
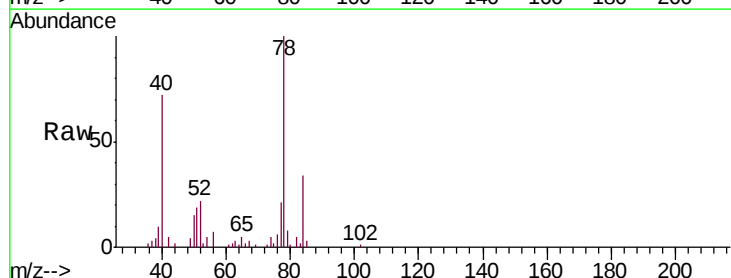
RT: 5.39 min Scan# 1337

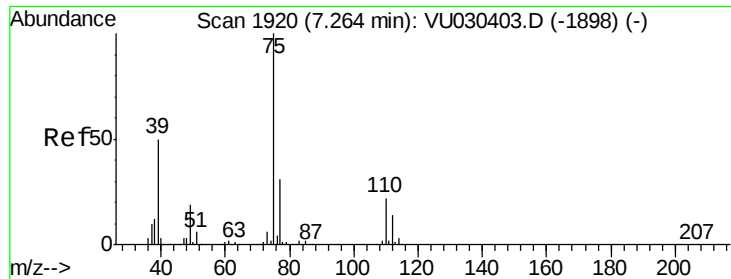
Delta R.T. 0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Tgt Ion: 78 Resp: 37804

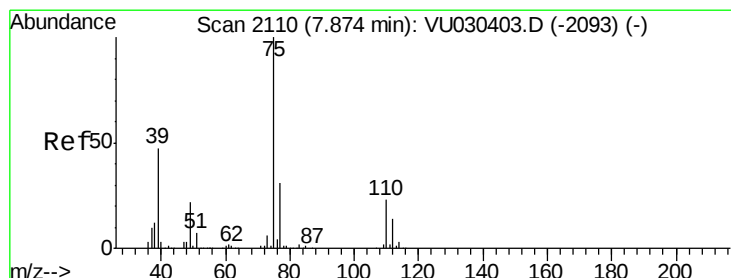
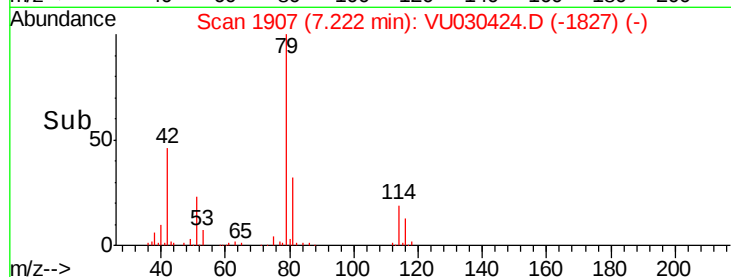
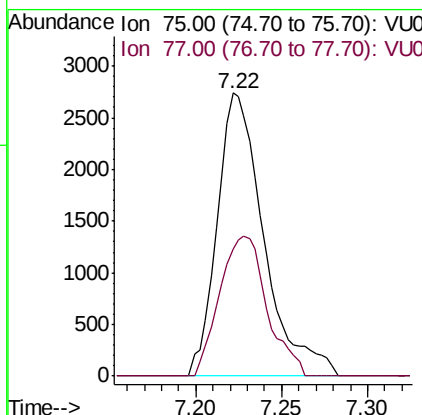
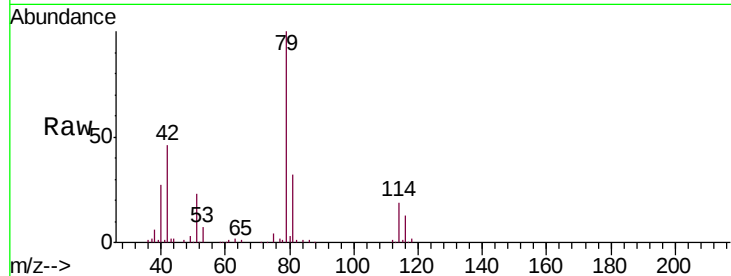




#39
 cis-1,3-Dichloropropene
 Concen: 0.845 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

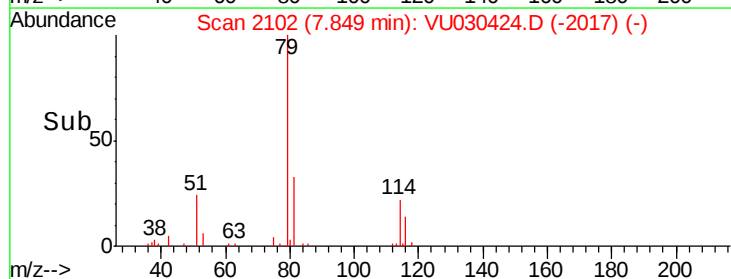
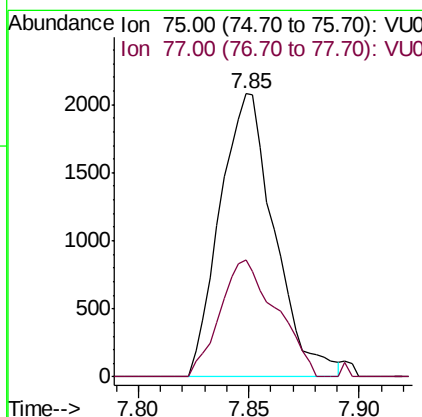
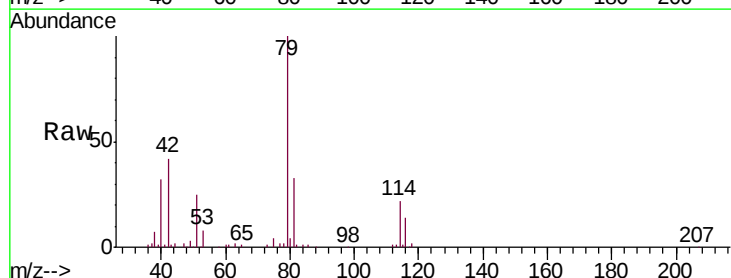
Instrument :
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 C09C6DL

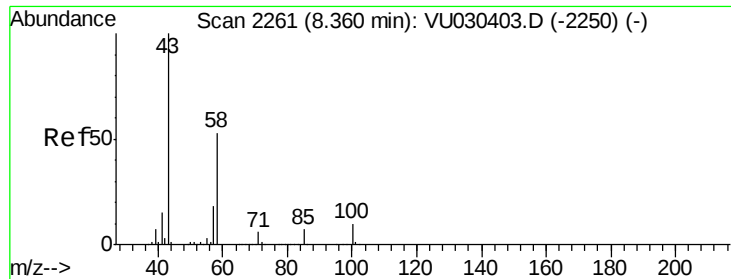
Tgt Ion: 75 Resp: 5177
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.661 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

Tgt Ion: 75 Resp: 3562
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.0 40.8#

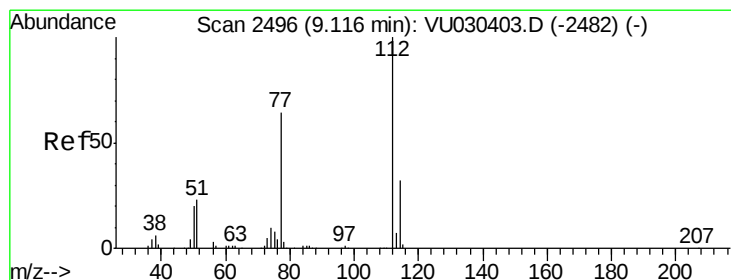
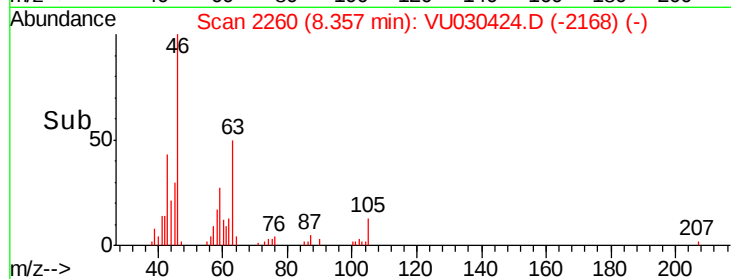
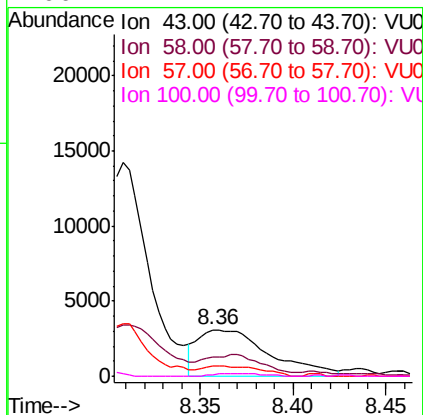
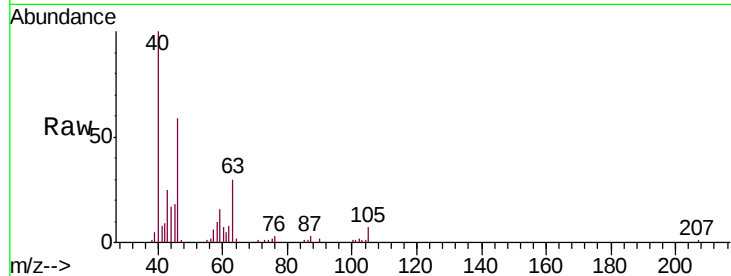




#48
2-Hexanone
Concen: 1.420 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU030424.D
Acq: 25 Mar 2019 23:50

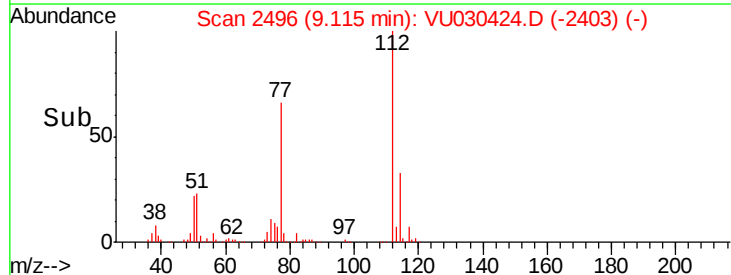
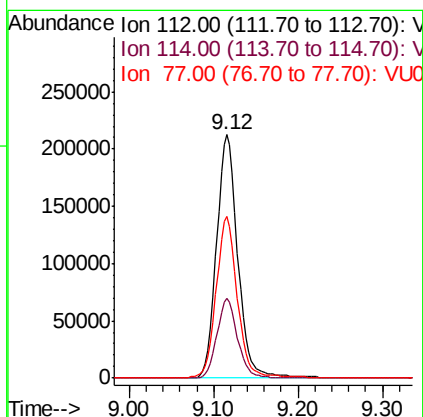
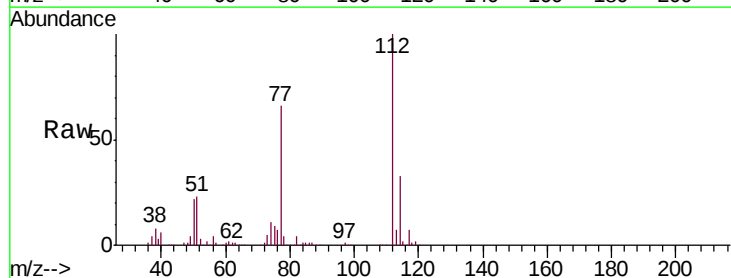
Instrument :
MSVOA_U
ClientSampled :
C09C6DL

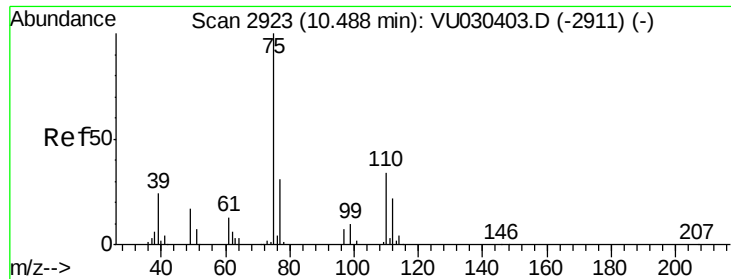
Tgt Ion:	43	Resp:	8333
Ion	Ratio	Lower	Upper
43	100		
58	2.2	42.5	63.7#
57	3.4	15.0	22.6#
100	2.1	7.4	11.2#



#51
Chlorobenzene
Concen: 39.451 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030424.D
Acq: 25 Mar 2019 23:50

Tgt Ion:	112	Resp:	372614
Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.5	39.9
77	66.2	51.4	77.0





#59

1,2,3-Trichloropropane

Concen: 3.493 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. 0.93 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

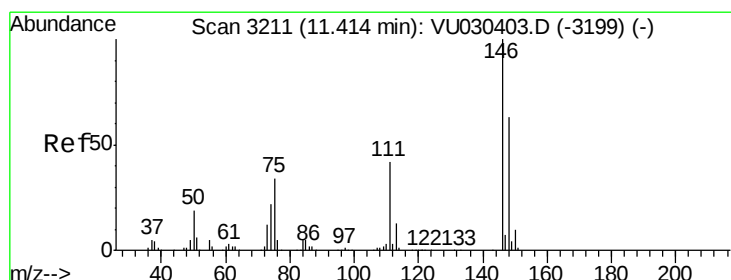
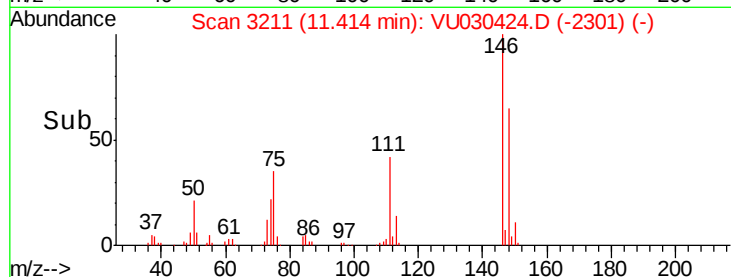
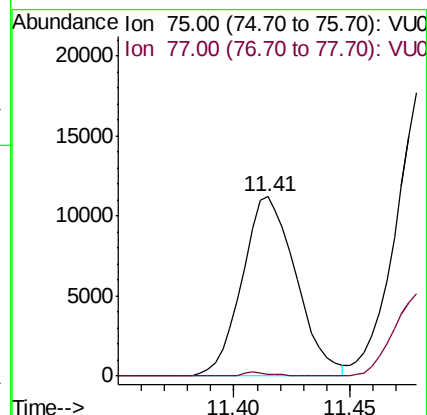
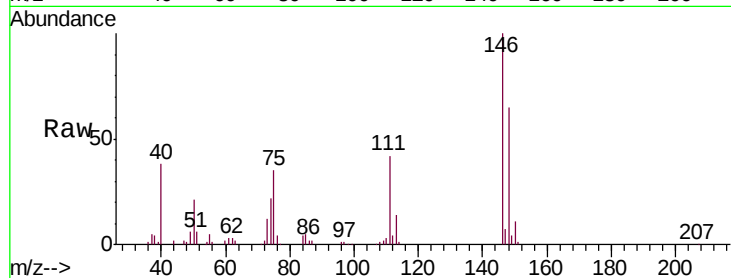
C09C6DL

Tgt Ion: 75 Resp: 18118

Ion Ratio Lower Upper

75 100

77 0.9 25.4 38.2#



#62

1,3-Dichlorobenzene

Concen: 9.219 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

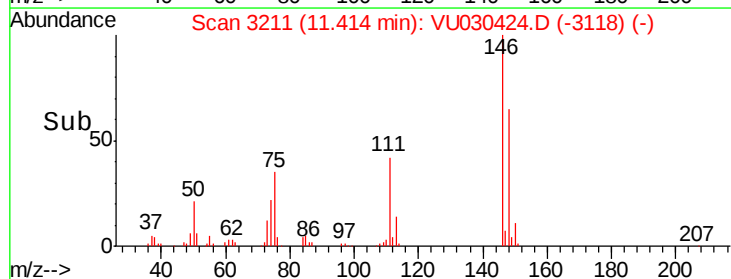
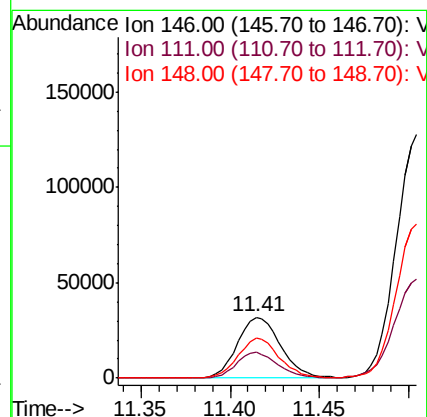
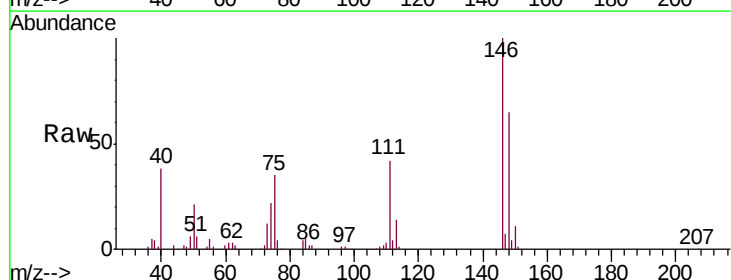
Tgt Ion: 146 Resp: 54273

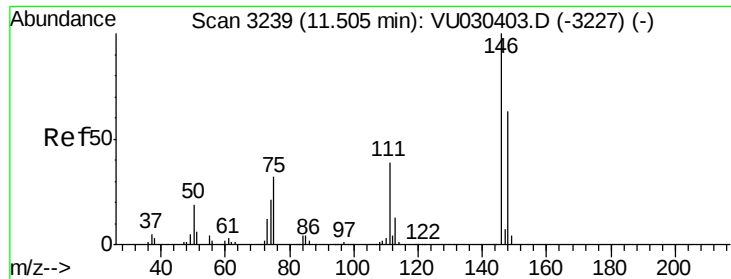
Ion Ratio Lower Upper

146 100

111 41.7 29.2 54.2

148 65.2 44.4 82.4

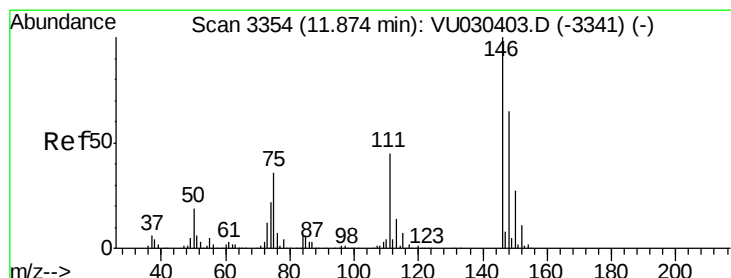
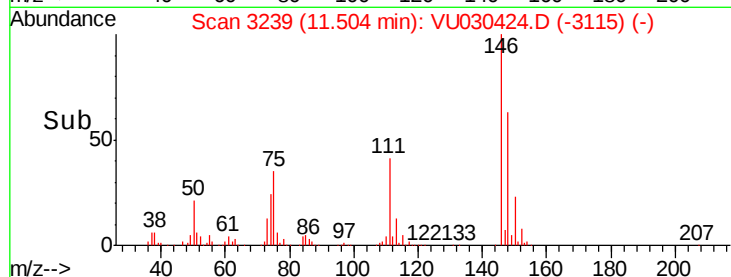
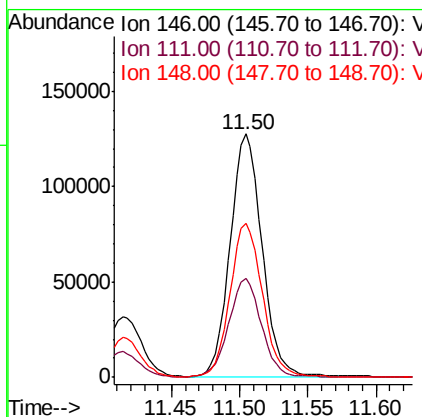
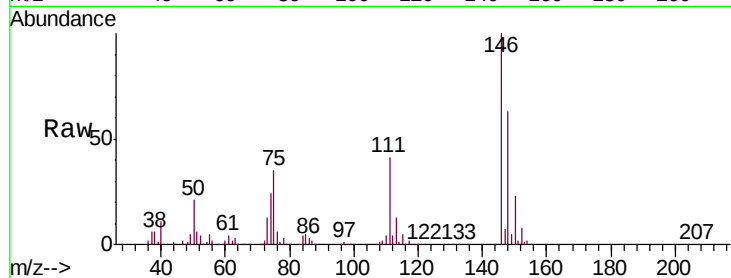




#63
 1,4-Dichlorobenzene
 Concen: 34.099 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

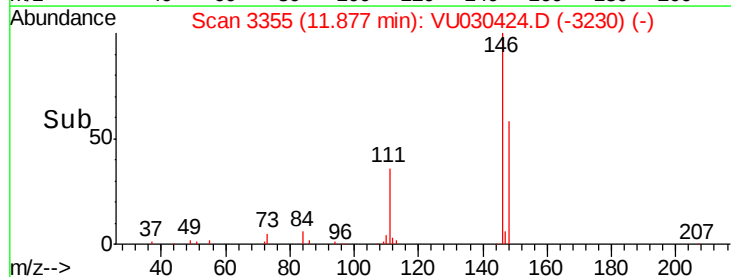
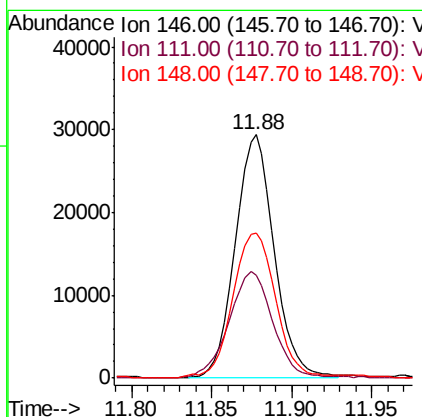
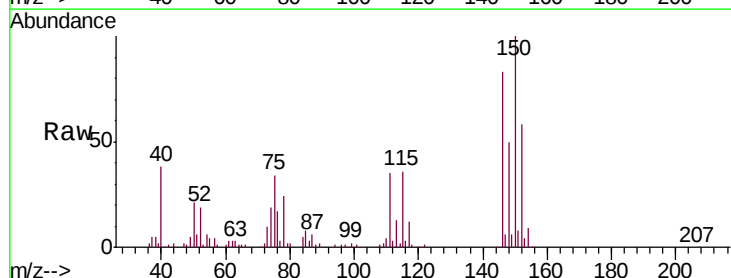
Instrument :
 MSVOA_U
 ClientSampleId :
 C09C6DL

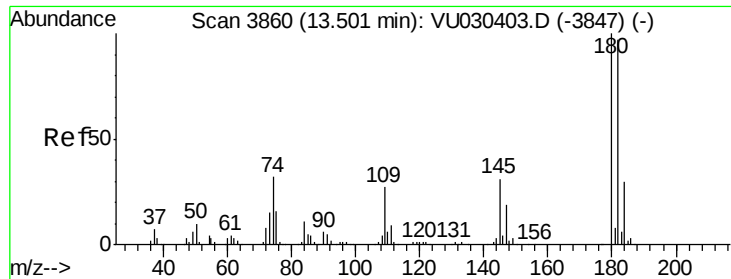
Tgt Ion:146 Resp: 206663
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.7 53.3
 148 63.2 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 8.226 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

Tgt Ion:146 Resp: 48969
 Ion Ratio Lower Upper
 146 100
 111 42.4 34.9 52.3
 148 59.8 51.2 76.8





#68
 1,2,4-trichlorobenzene
 Concen: 3.338 ug/L
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.01 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C6DL

Tgt Ion:180 Resp: 12784
 Ion Ratio Lower Upper
 180 100
 182 108.9 76.1 114.1
 145 41.0 24.5 36.7#

