

Data File : VU030443.D
Acq On : 26 Mar 2019 14:44
Operator : JC/SP
Sample : K2016-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 27 04:35:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	388220	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164013	52.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.00%
7) Chloroethane-d5	1.67	69	132372	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.90%
11) 1,1-Dichloroethene-d2	2.27	63	228230	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
21) 2-Butanone-d5	4.17	46	317534	108.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.11%
24) Chloroform-d	4.64	84	271196	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	5.31	65	187546	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
32) Benzene-d6	5.34	84	554433	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
36) 1,2-Dichloropropane-d6	6.33	67	200234	55.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.28%
41) Toluene-d8	7.56	98	468652	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%
43) trans-1,3-Dichloropropene-	7.85	79	78830	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.34%
47) 2-Hexanone-d5	8.31	63	204624	103.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265653	51.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	152714	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%

Target Compounds

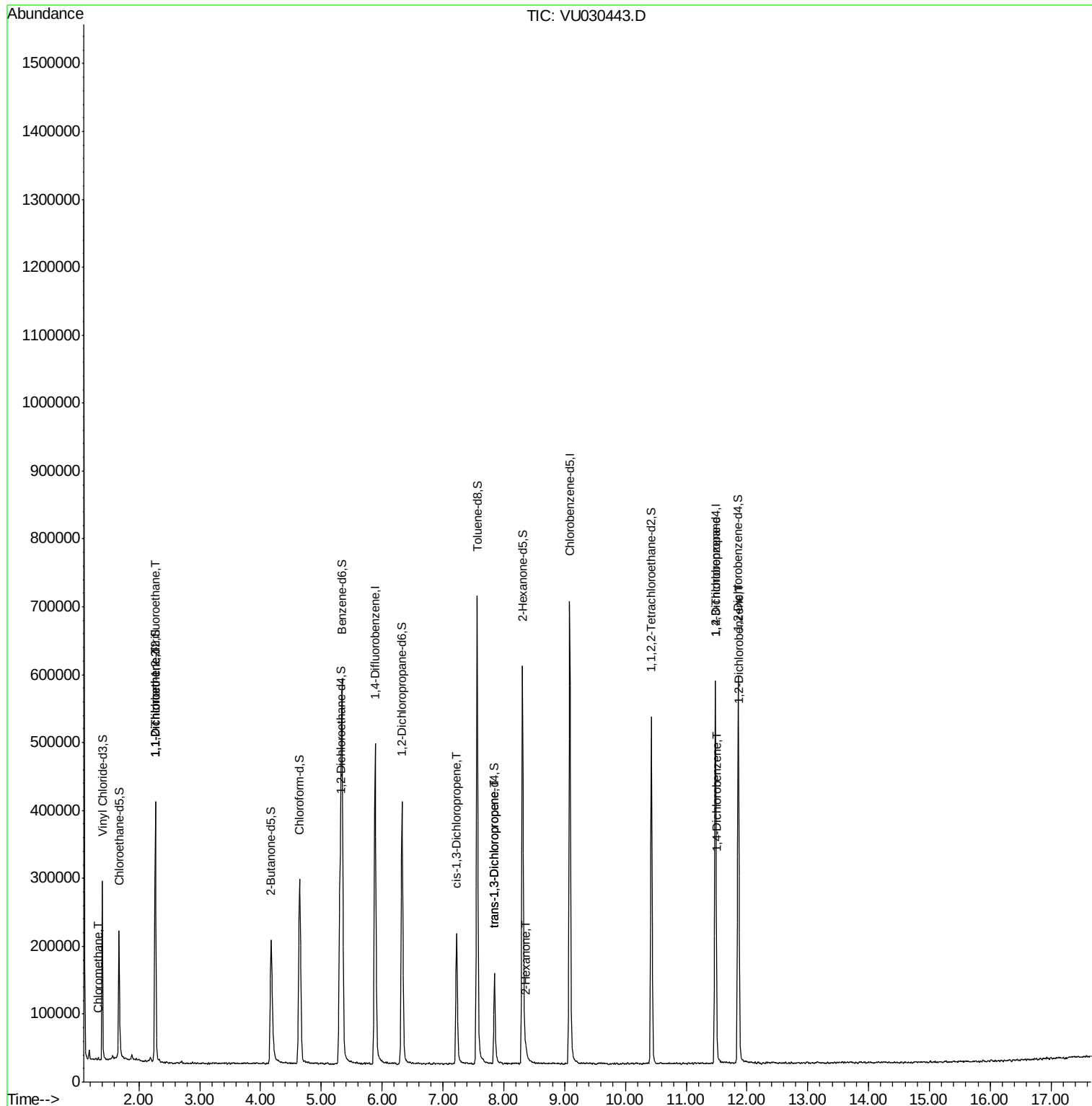
					Qvalue
3) Chloromethane	1.33	50	3152	0.658 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1898	0.670 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1675	0.603 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4220	0.821 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	3202	0.708 ug/L #	75
48) 2-Hexanone	8.36	43	4892	0.994 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	20543	4.720 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	2975	0.610 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	3602	0.752 ug/L #	79

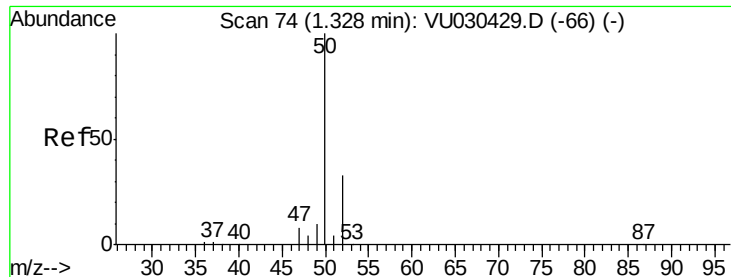
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.658 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU030443.D

Acq: 26 Mar 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

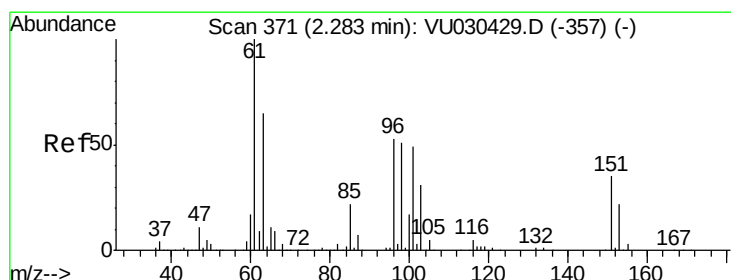
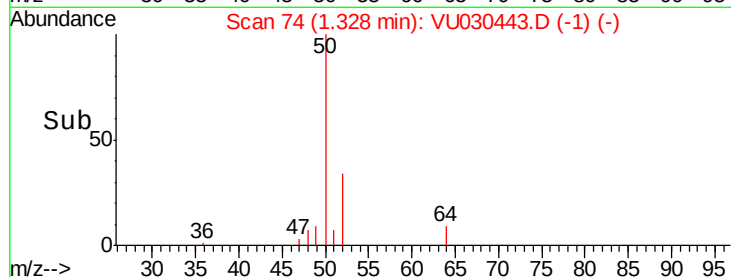
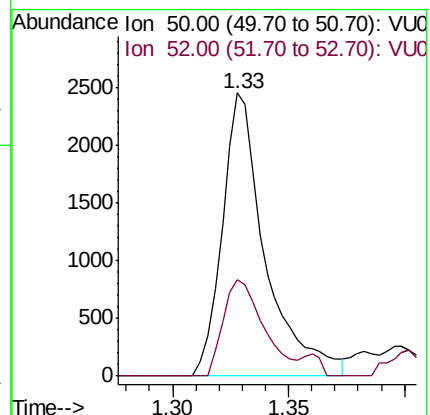
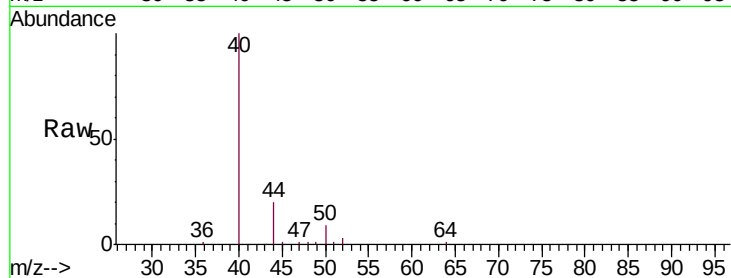
VHBLK01

Tgt Ion: 50 Resp: 3152

Ion Ratio Lower Upper

50 100

52 33.9 23.0 42.6



#10

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

Concen: 0.670 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030443.D

Acq: 26 Mar 2019 14:44

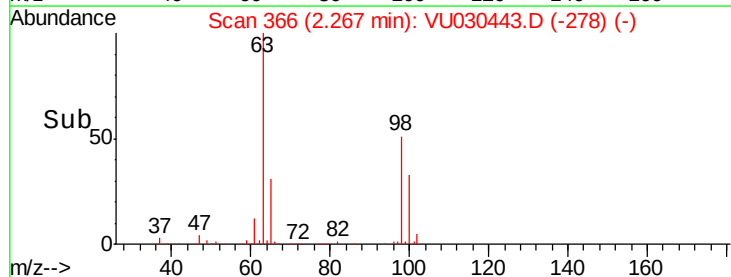
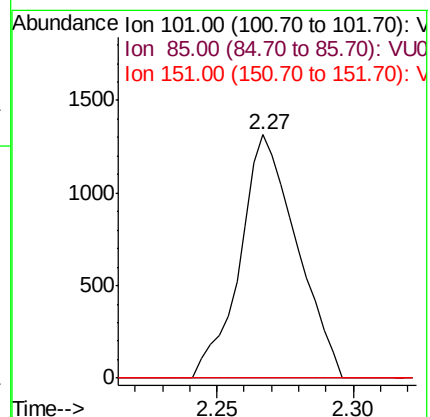
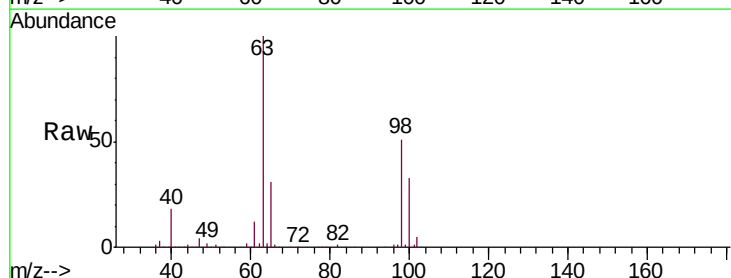
Tgt Ion: 101 Resp: 1898

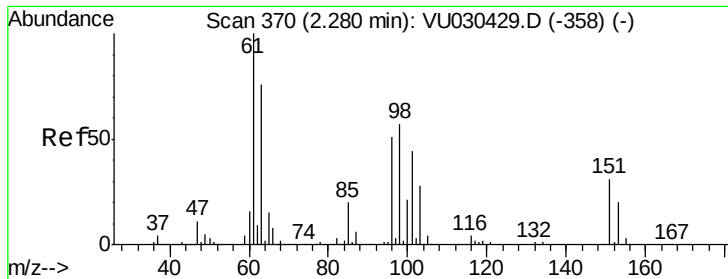
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#

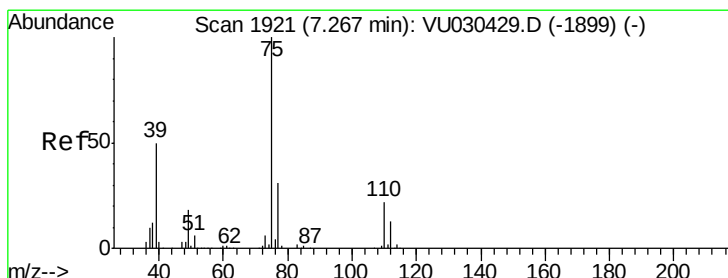
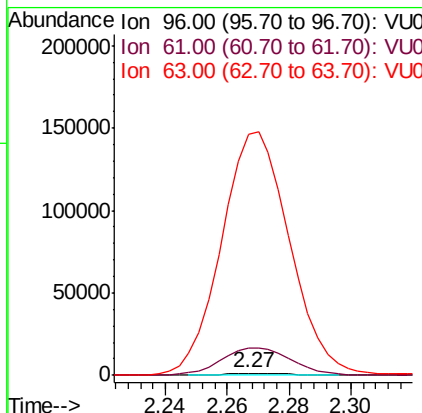
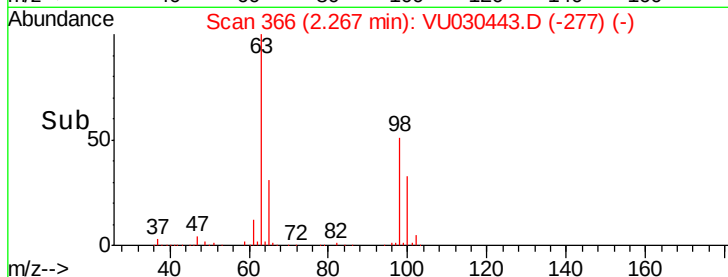
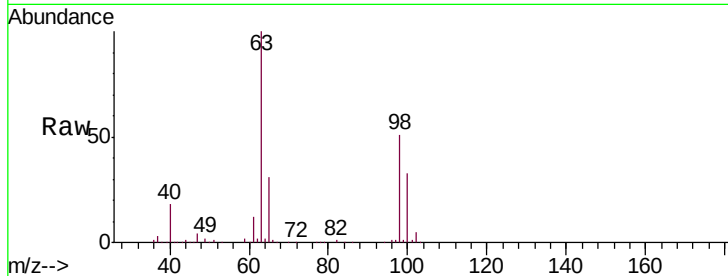




#12
 1,1-Dichloroethene
 Concen: 0.603 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

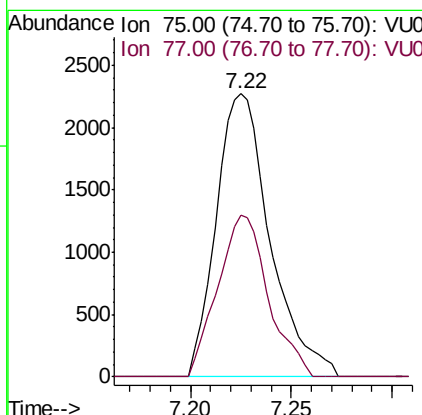
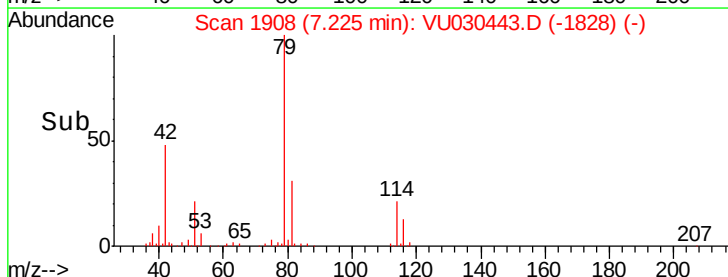
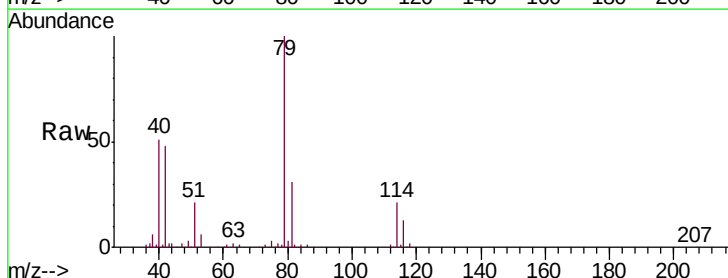
Instrument :
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 ClientSampleId :
 VHBLK01

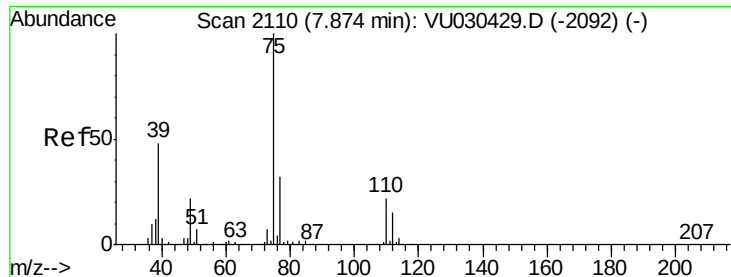
Tgt Ion: 96 Resp: 1675
 Ion Ratio Lower Upper
 96 100
 61 1583.5 131.0 243.4#
 63 13712.6 92.4 171.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

Tgt Ion: 75 Resp: 4220
 Ion Ratio Lower Upper
 75 100
 77 57.2 21.8 40.6#

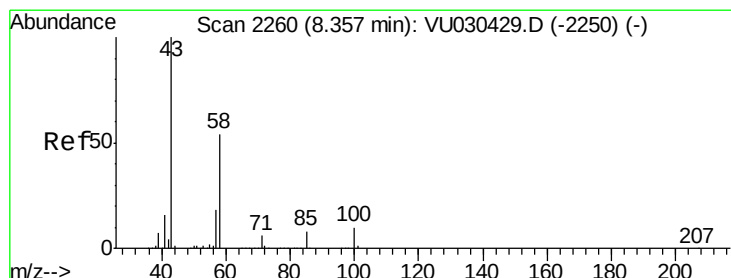
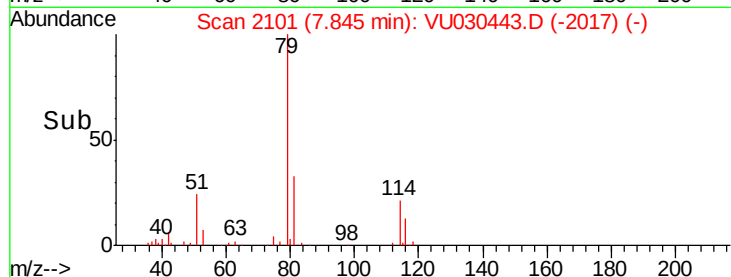
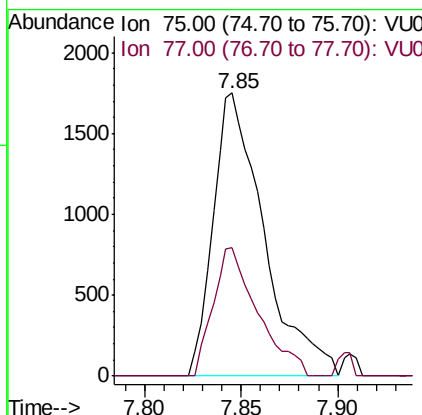
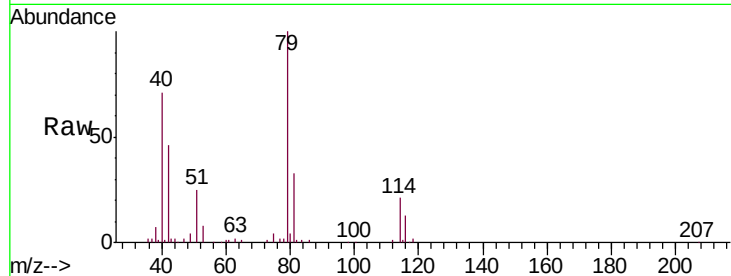




#44
 trans-1,3-Dichloropropene
 Concen: 0.708 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

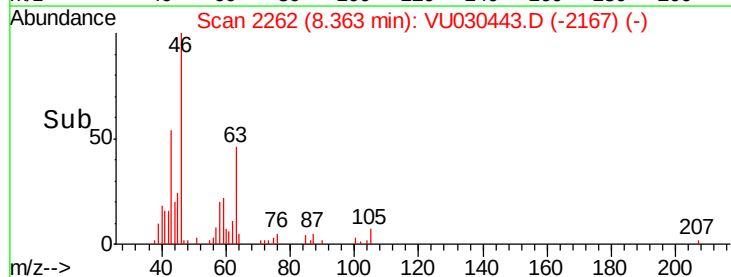
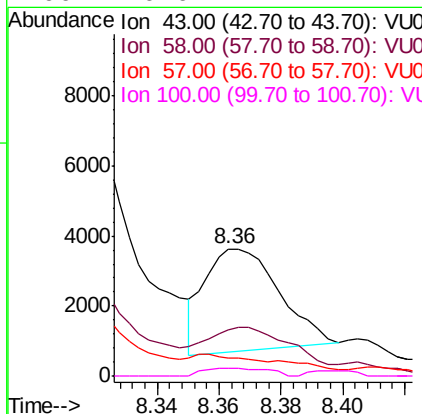
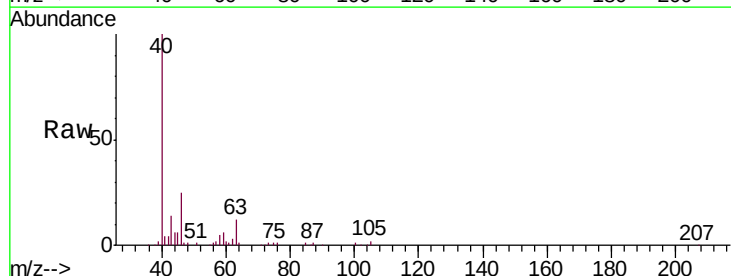
Instrument :
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 ClientSampleId :
 VHBLK01

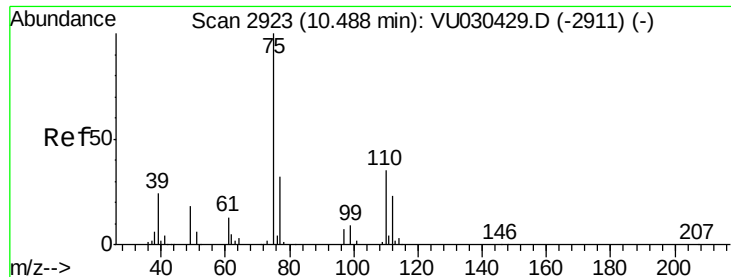
Tgt Ion: 75 Resp: 3202
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.0 40.8#



#48
 2-Hexanone
 Concen: 0.994 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

Tgt Ion: 43 Resp: 4892
 Ion Ratio Lower Upper
 43 100
 58 56.7 42.5 63.7
 57 5.7 15.0 22.6#
 100 6.6 7.4 11.2#

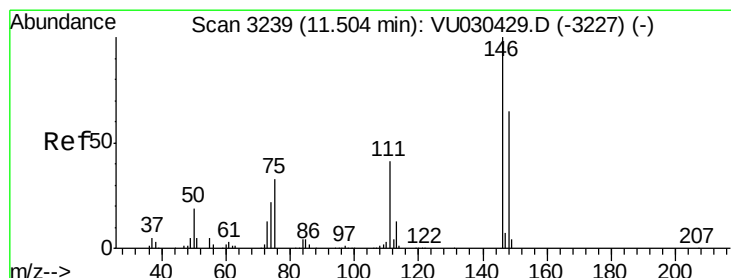
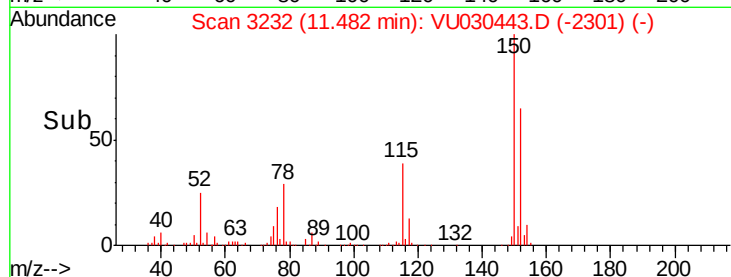
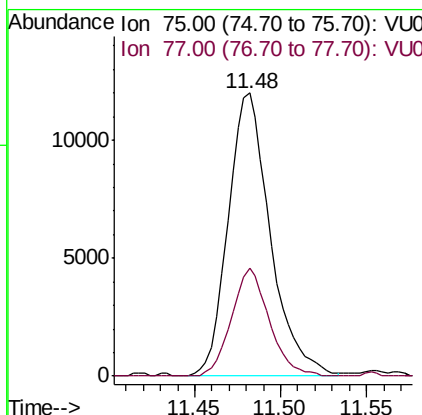
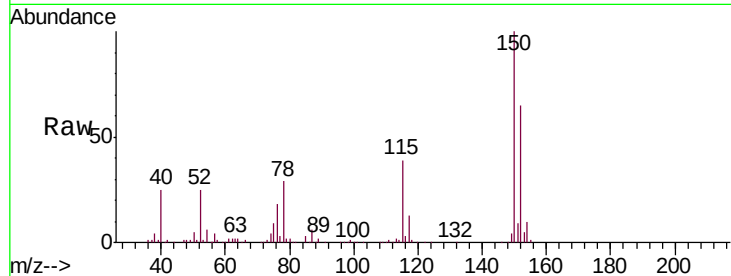




#59
 1,2,3-Trichloropropane
 Concen: 4.720 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

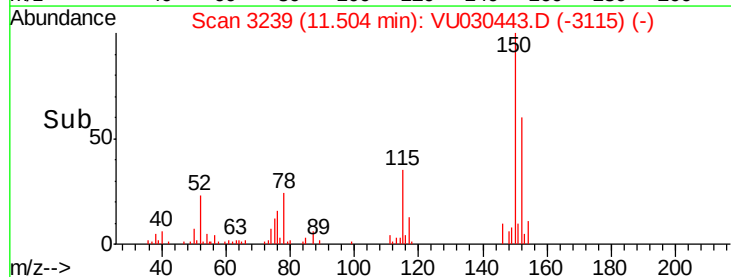
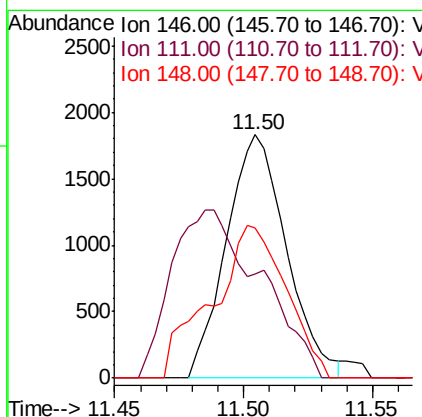
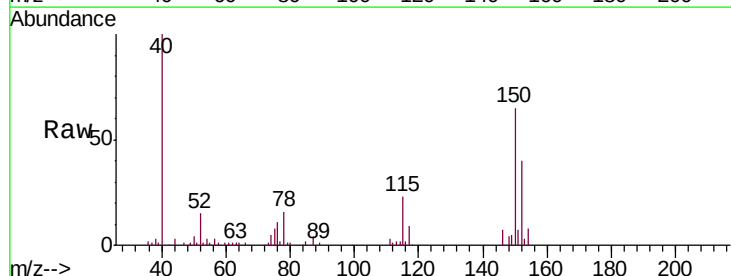
Instrument :
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 ClientSampleId :
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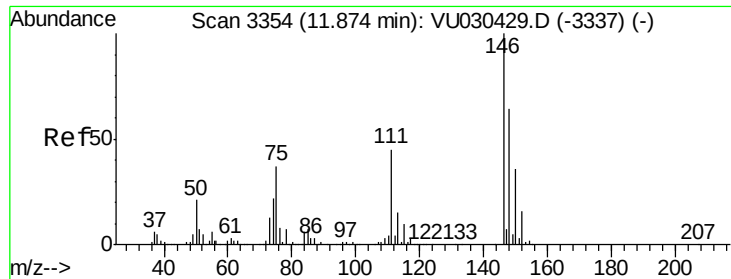
Tgt Ion: 75 Resp: 20543
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.2



#63
 1,4-Dichlorobenzene
 Concen: 0.610 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

Tgt Ion: 146 Resp: 2975
 Ion Ratio Lower Upper
 146 100
 111 42.8 28.7 53.3
 148 61.6 44.3 82.3





#65
 1,2-Dichlorobenzene
 Concen: 0.752 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030443.D
 Acq: 26 Mar 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion:146 Resp: 3602
 Ion Ratio Lower Upper
 146 100
 111 72.5 34.9 52.3#
 148 67.3 51.2 76.8

