

Data File : VU033448.D
Acq On : 26 Jul 2019 13:15
Operator : JC/SP
Sample : K3976-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CC9

Quant Time: Jul 27 02:01:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	268799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103367	50.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.60%
7) Chloroethane-d5	1.67	69	93879	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.02%
11) 1,1-Dichloroethene-d2	2.26	63	139347	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.50%
21) 2-Butanone-d5	4.15	46	147093	114.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.09%
24) Chloroform-d	4.62	84	180513	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	5.29	65	120462	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.16%
32) Benzene-d6	5.32	84	357893	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.31	67	116852	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.06%
41) Toluene-d8	7.55	98	314821	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.83	79	50667	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.29	63	100278	102.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176255	53.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	123015	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%

Target Compounds

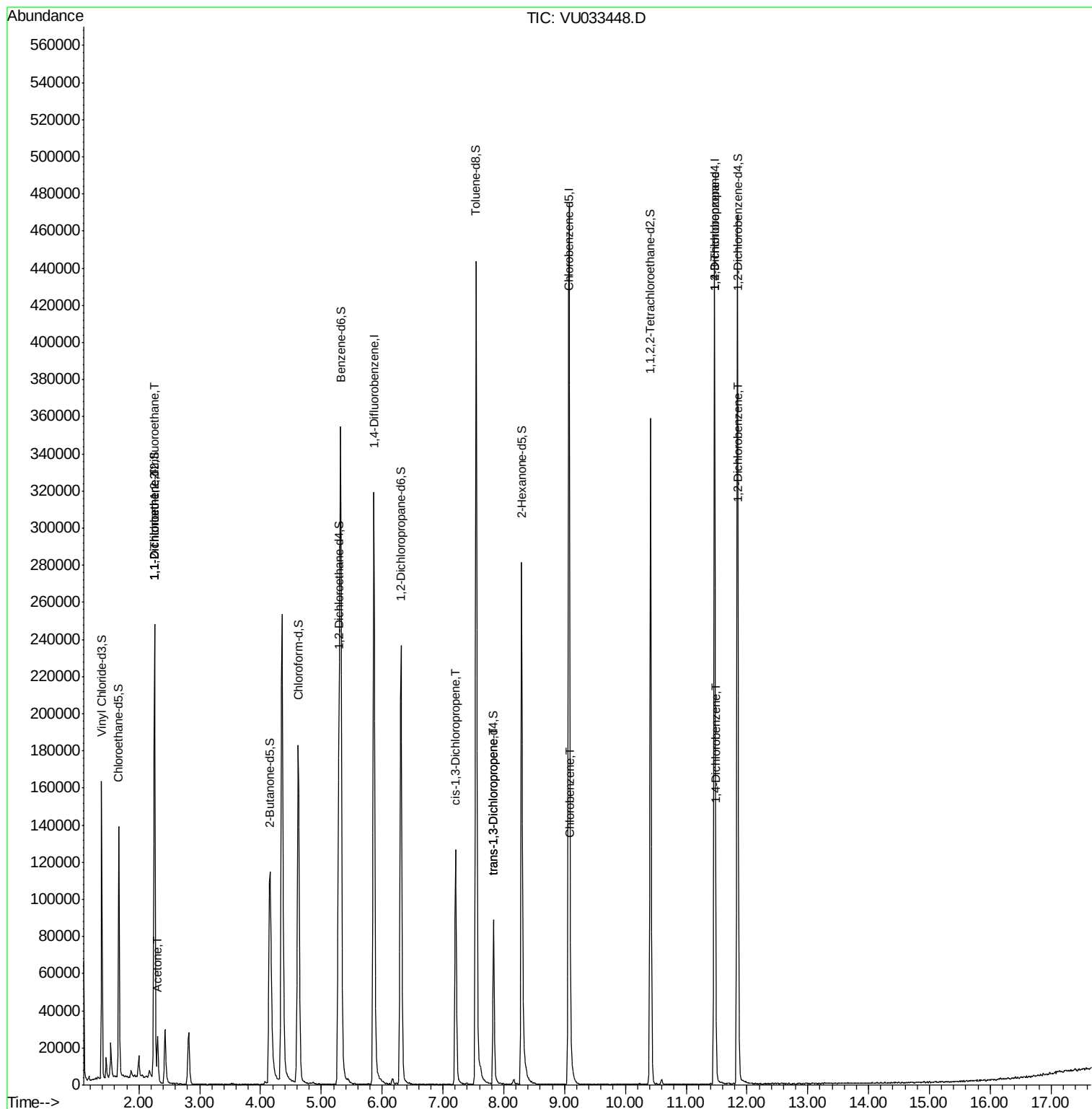
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1427	0.778 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1210	0.674 ug/L #	1
13) Acetone	2.31	43	24481	15.197 ug/L	99
39) cis-1,3-Dichloropropene	7.21	75	3582	1.073 ug/L	85
44) trans-1,3-Dichloropropene	7.83	75	2318	0.770 ug/L	97
51) Chlorobenzene	9.10	112	5318	0.942 ug/L	96
59) 1,2,3-Trichloropropane	11.47	75	15036	5.307 ug/L	92
63) 1,4-Dichlorobenzene	11.49	146	2531	0.657 ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	3891	1.029 ug/L	88

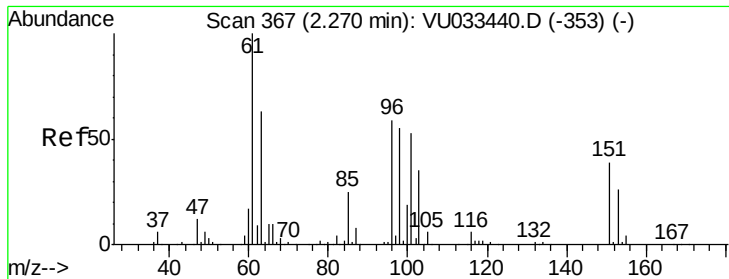
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.778 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_U

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C0CC9

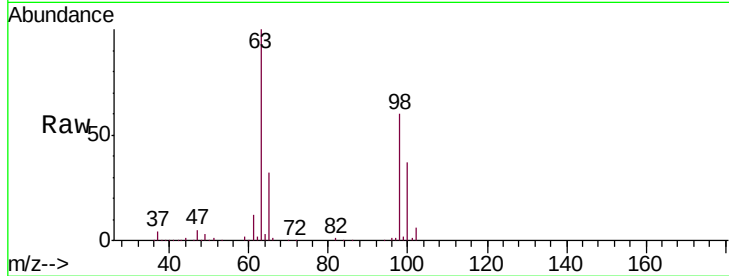
Tgt Ion: 101 Resp: 1427

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

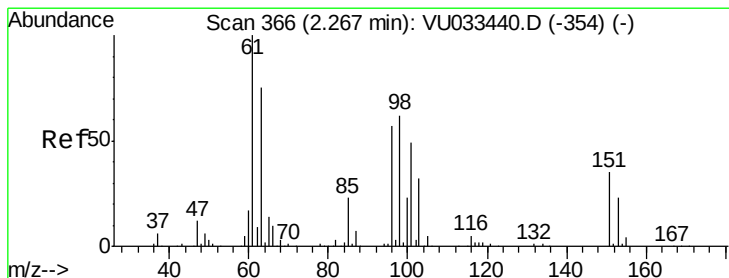
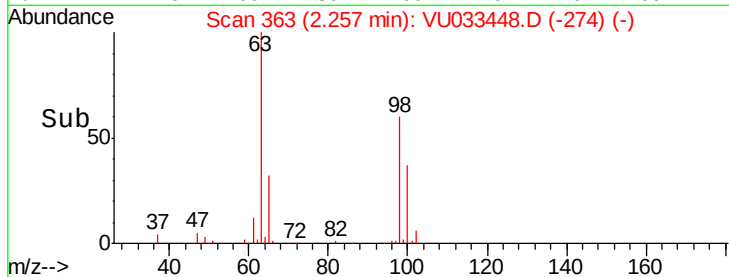
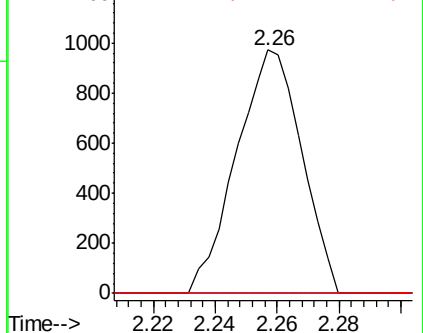
151 0.0 56.7 85.1#



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: 0.674 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

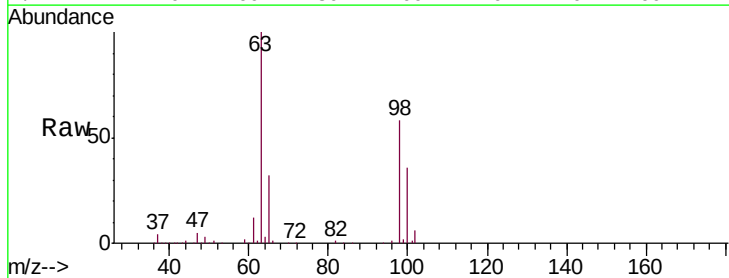
Tgt Ion: 96 Resp: 1210

Ion Ratio Lower Upper

96 100

61 1367.3 126.1 234.1#

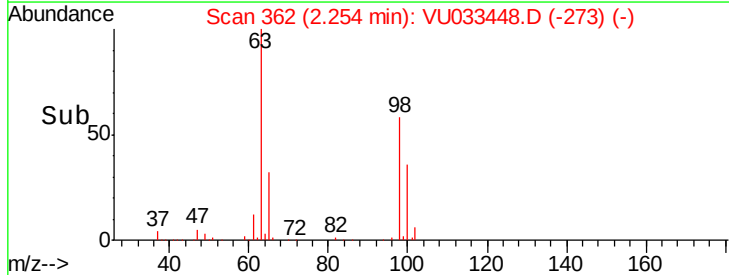
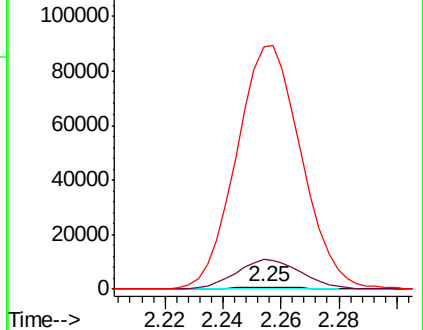
63 11296.4 96.8 179.8#

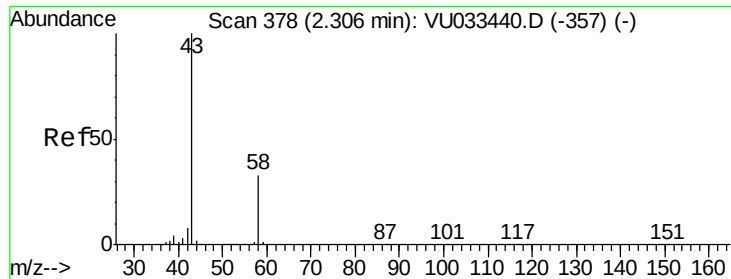


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 15.197 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

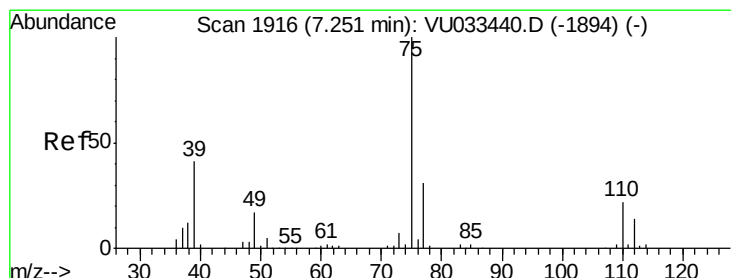
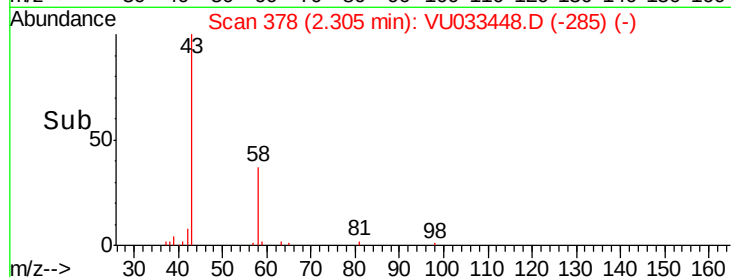
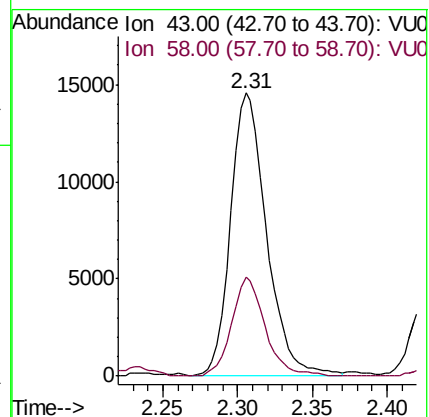
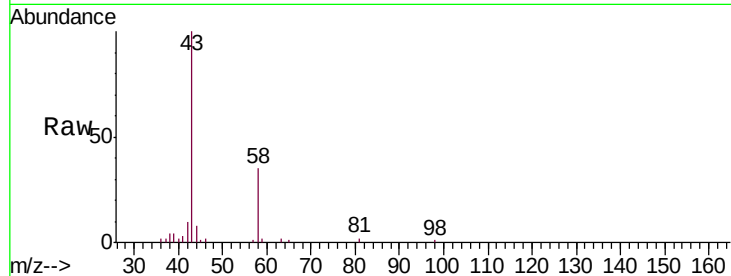
C0CC9

Tgt Ion: 43 Resp: 24481

Ion Ratio Lower Upper

43 100

58 32.3 0.0 65.4



#39

cis-1,3-Dichloropropene

Concen: 1.073 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033448.D

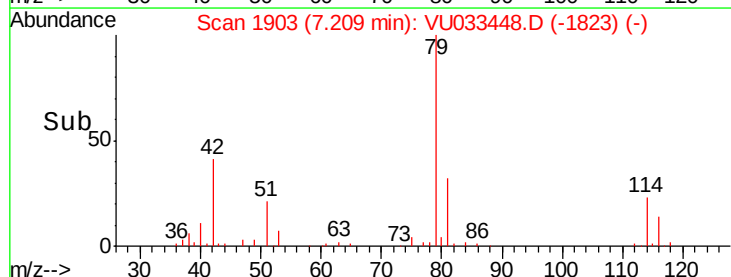
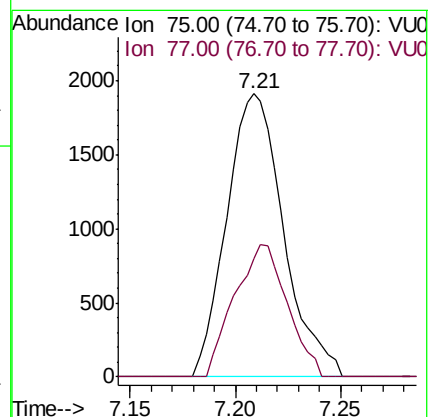
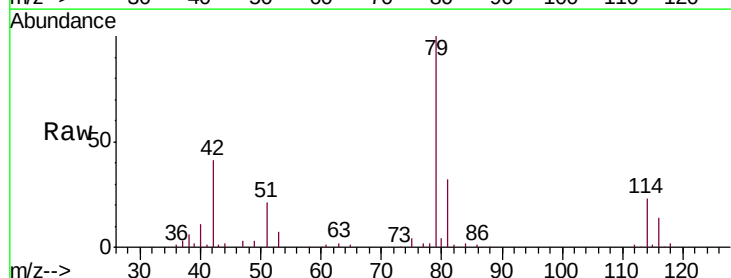
Acq: 26 Jul 2019 13:15

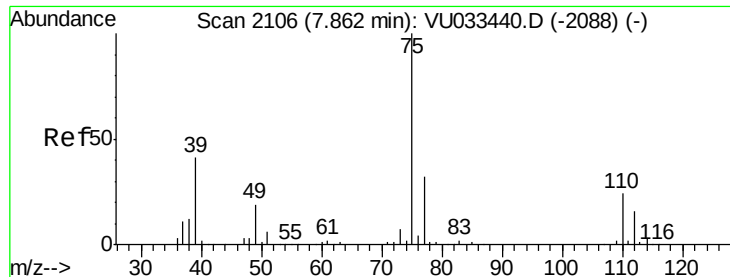
Tgt Ion: 75 Resp: 3582

Ion Ratio Lower Upper

75 100

77 41.7 23.1 42.9





#44

trans-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

Instrument :

MSVOA_U

ClientSampleId :

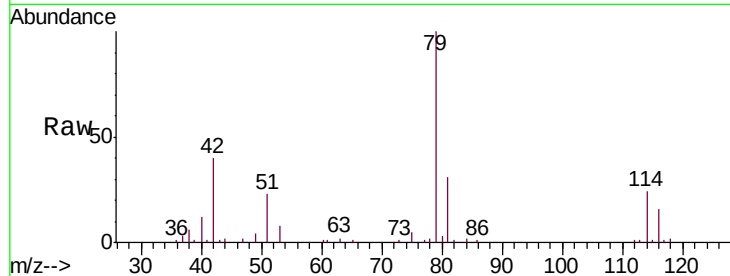
C0CC9

Tgt Ion: 75 Resp: 2318

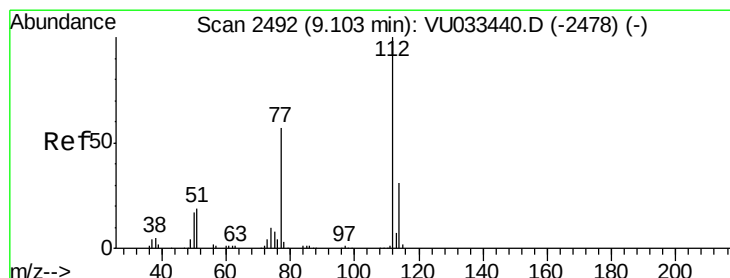
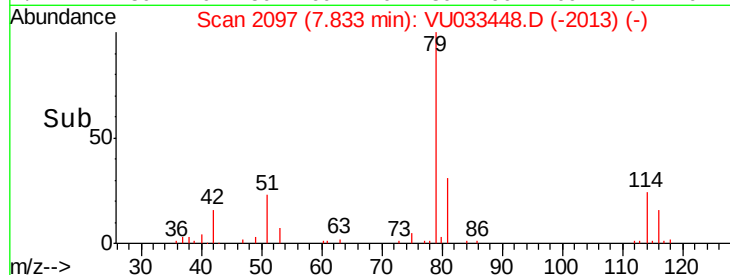
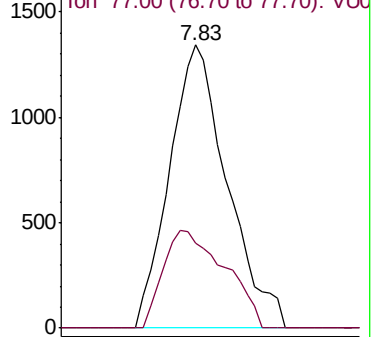
Ion Ratio Lower Upper

75 100

77 30.2 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033448.D (-2088) (-)



#51

Chlorobenzene

Concen: 0.942 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

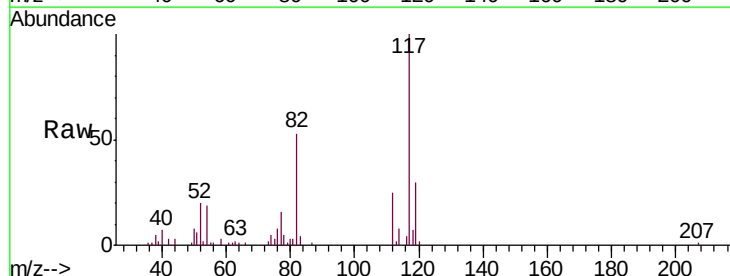
Tgt Ion: 112 Resp: 5318

Ion Ratio Lower Upper

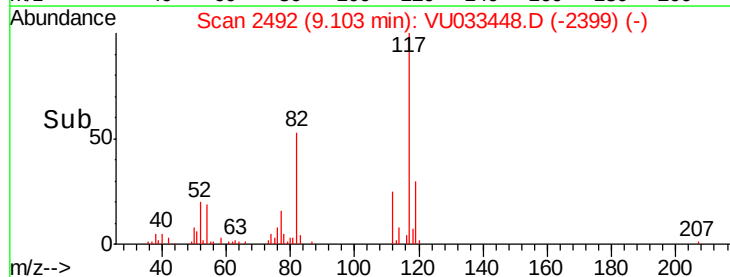
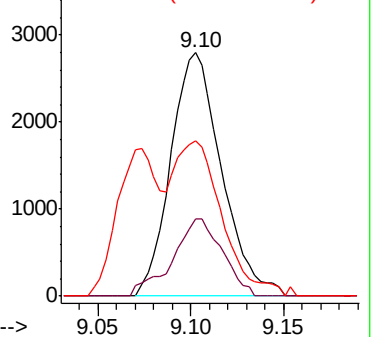
112 100

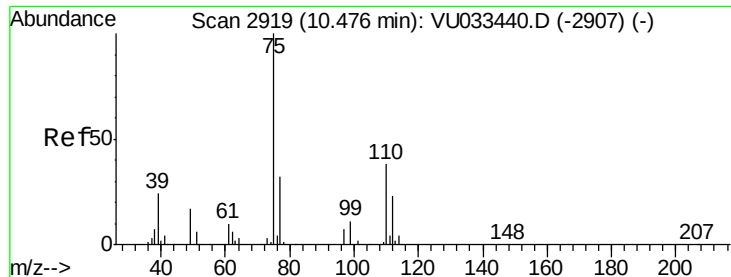
114 31.5 22.3 41.3

77 63.5 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU033448.D (-2478) (-)





#59

1,2,3-Trichloropropane

Concen: 5.307 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

Instrument :

MSVOA_U

ClientSampled :

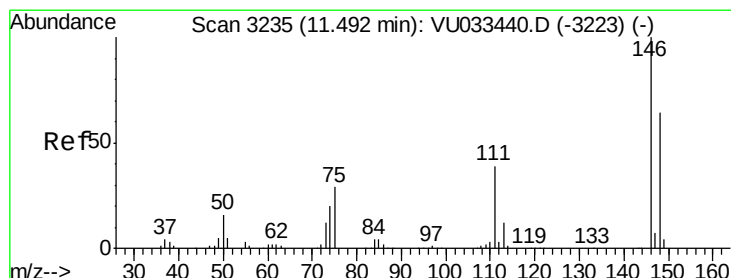
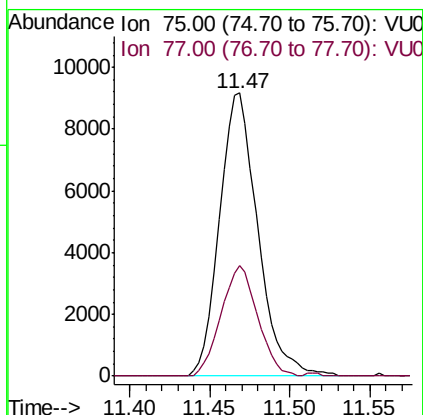
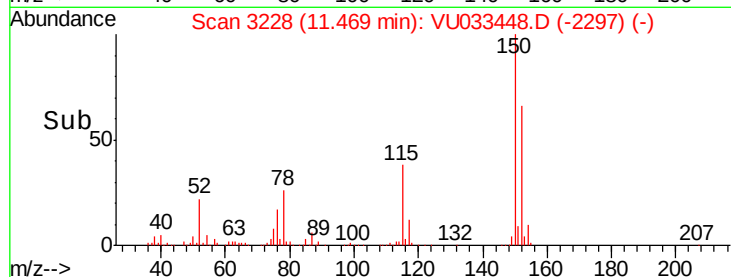
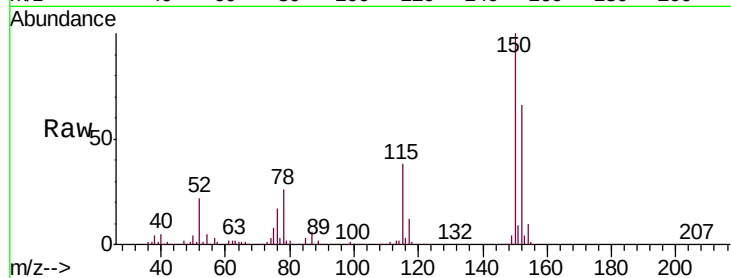
C0CC9

Tgt Ion: 75 Resp: 15036

Ion Ratio Lower Upper

75 100

77 37.1 26.0 39.0



#63

1,4-Dichlorobenzene

Concen: 0.657 ug/L

RT: 11.49 min Scan# 3236

Delta R.T. 0.00 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

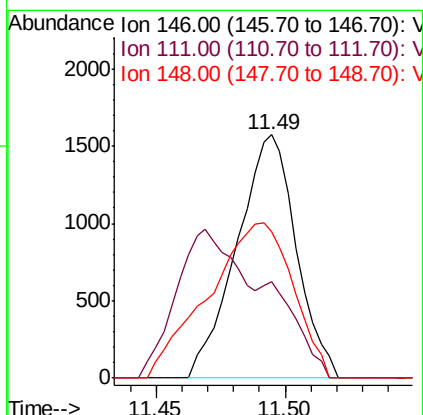
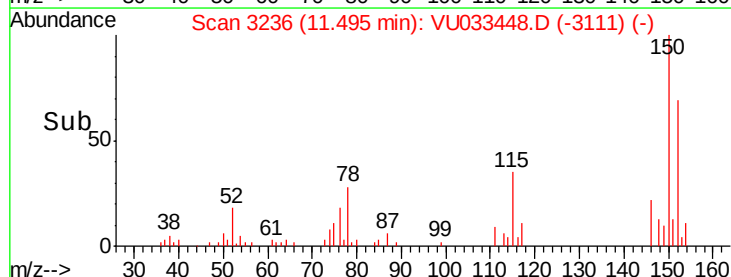
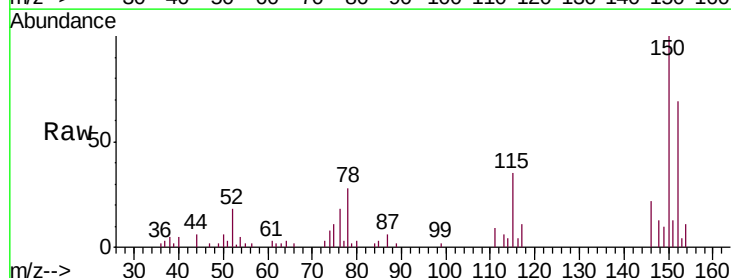
Tgt Ion: 146 Resp: 2531

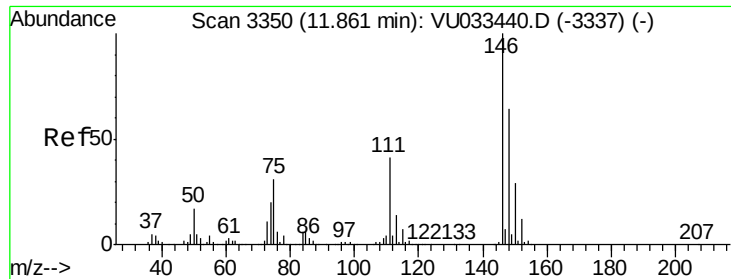
Ion Ratio Lower Upper

146 100

111 39.7 27.8 51.6

148 60.0 44.6 82.8

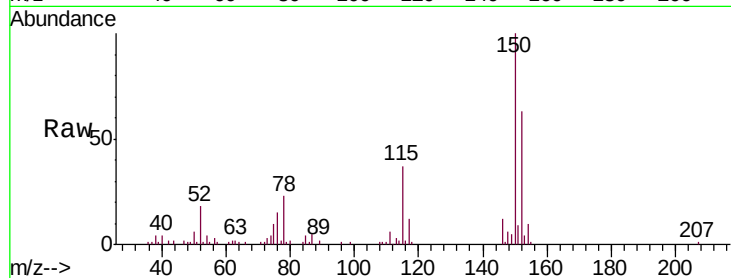




#65
 1,2-Dichlorobenzene
 Concen: 1.029 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033448.D
 Acq: 26 Jul 2019 13:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC9

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	34.3	51.5
148	53.9	51.5	77.3



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

