

Data File : VU033549.D
Acq On : 01 Aug 2019 15:10
Operator : JC/SP
Sample : K4103-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F6

Quant Time: Aug 02 02:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	133175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92216	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.72%
7) Chloroethane-d5	1.67	69	86115	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.38%
11) 1,1-Dichloroethene-d2	2.26	63	130029	33.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.38%
21) 2-Butanone-d5	4.15	46	166528	118.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.21%
24) Chloroform-d	4.62	84	179022	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
26) 1,2-Dichloroethane-d4	5.29	65	121950	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.32	84	361576	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.31	67	119425	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.74%
41) Toluene-d8	7.55	98	320779	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%
43) trans-1,3-Dichloropropene-	7.83	79	55027	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.16%
47) 2-Hexanone-d5	8.30	63	118879	111.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187289	54.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.56%
64) 1,2-Dichlorobenzene-d4	11.84	152	131504	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

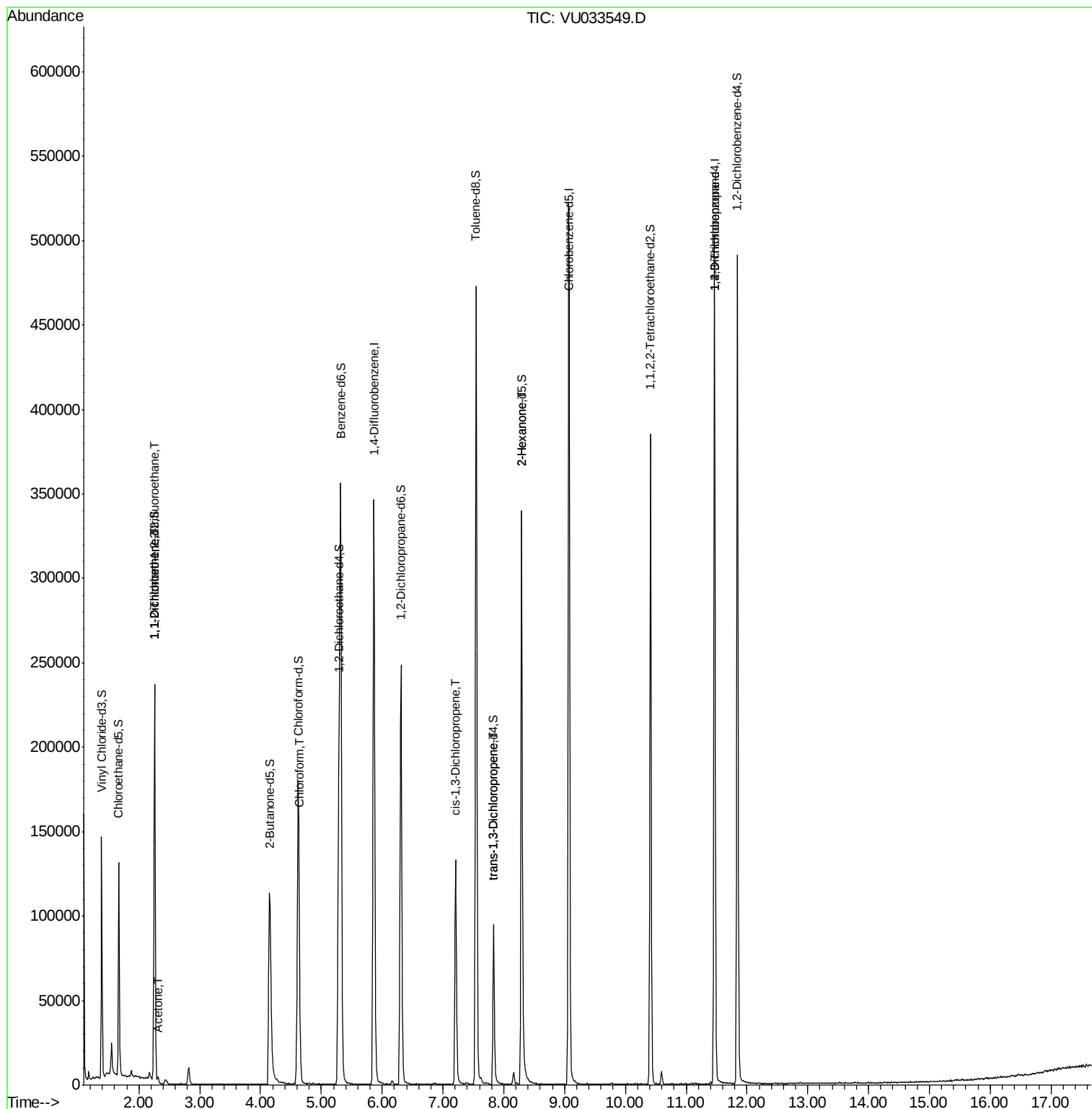
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1290	0.653	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1277	0.674	ug/L #	1
13) Acetone	2.31	43	2100	1.457	ug/L	95
25) Chloroform	4.64	83	6317	1.611	ug/L	89
39) cis-1,3-Dichloropropene	7.21	75	3467	0.999	ug/L #	60
44) trans-1,3-Dichloropropene	7.83	75	2686	0.856	ug/L	94
48) 2-Hexanone	8.29	43	13257	5.343	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	15618	5.322	ug/L	94

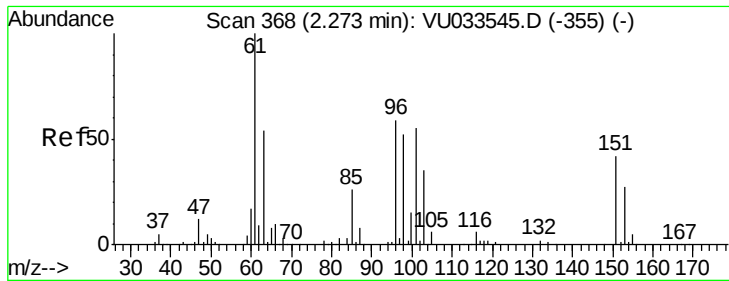
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.653 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033549.D

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Instrument :

MSVOA_U

ClientSampleId :

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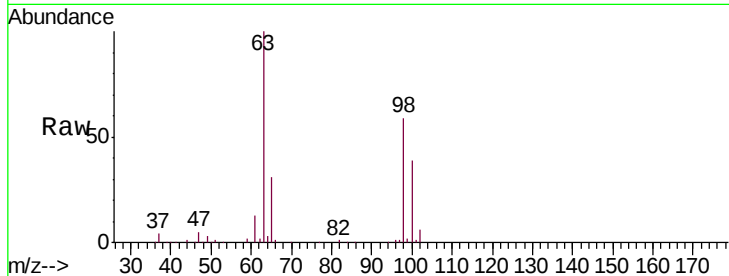
Tgt Ion: 101 Resp: 1290

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

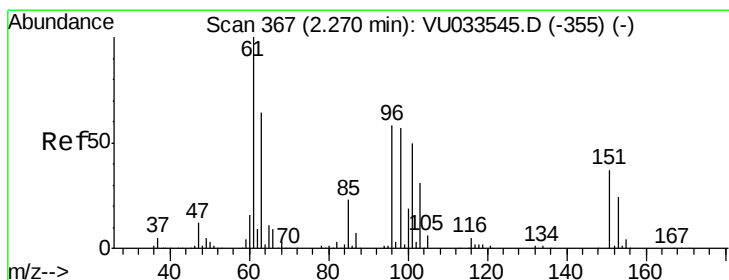
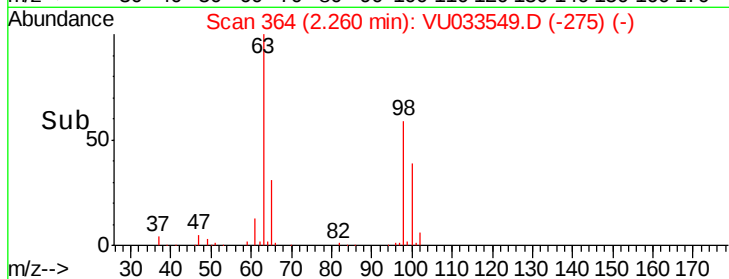
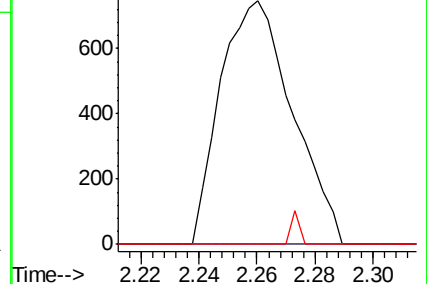
151 0.0 60.1 90.1#



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: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033549.D

Acq: 01 Aug 2019 15:10

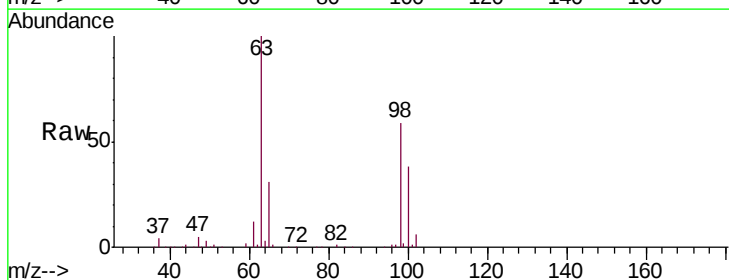
Tgt Ion: 96 Resp: 1277

Ion Ratio Lower Upper

96 100

61 1201.9 119.3 221.5#

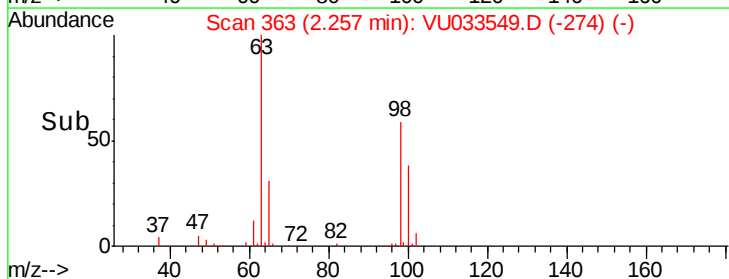
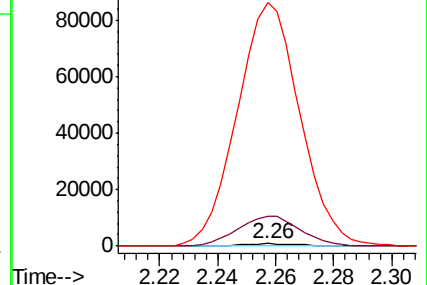
63 9857.2 86.6 160.8#

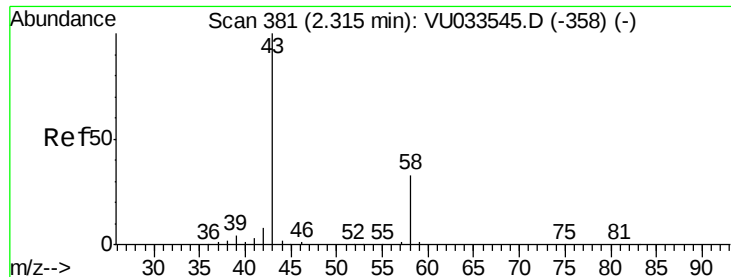


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.457 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

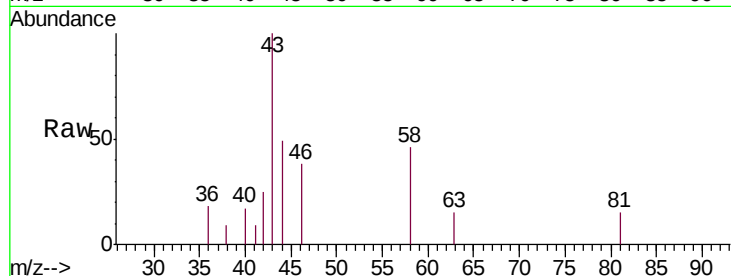
DB9F6

Tgt Ion: 43 Resp: 2100

Ion Ratio Lower Upper

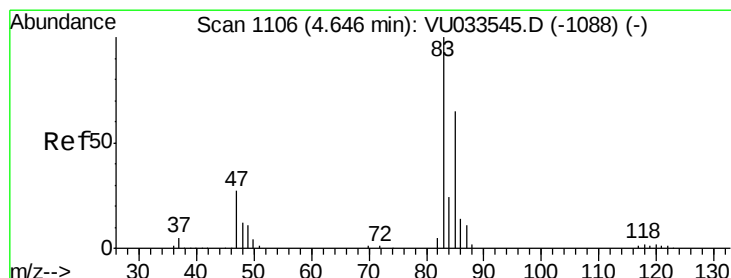
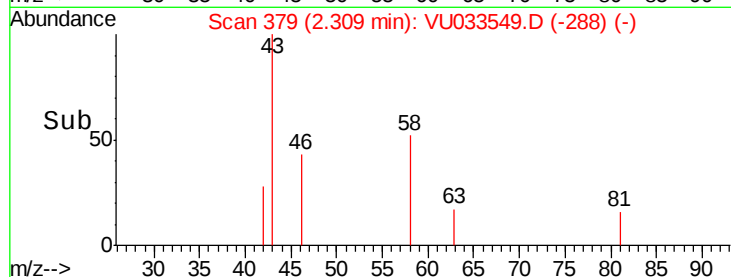
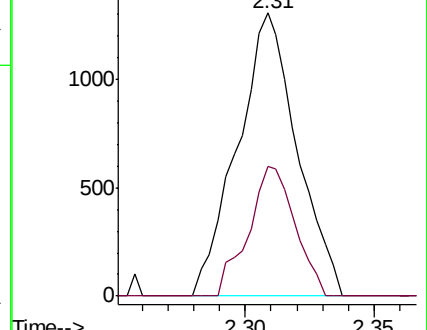
43 100

58 35.8 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033545.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU033545.D (-358) (-)



#25

Chloroform

Concen: 1.611 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033549.D

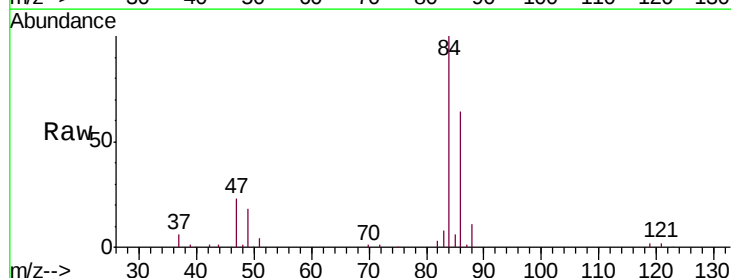
Acq: 01 Aug 2019 15:10

Tgt Ion: 83 Resp: 6317

Ion Ratio Lower Upper

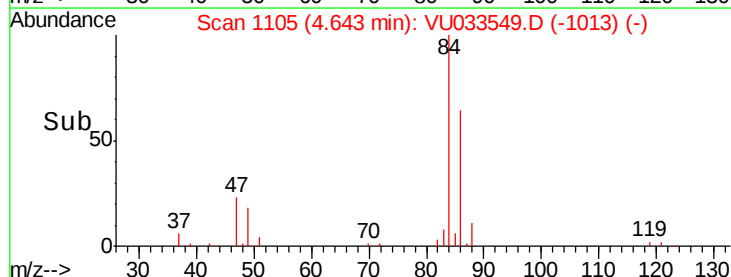
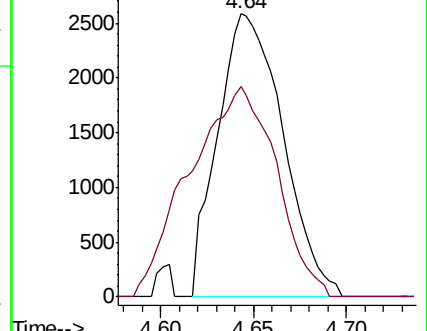
83 100

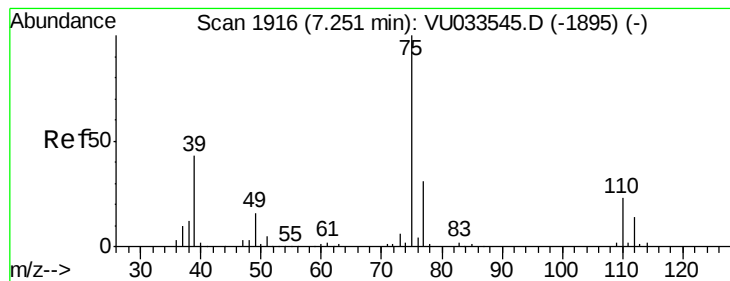
85 74.1 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU033545.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033545.D (-1088) (-)



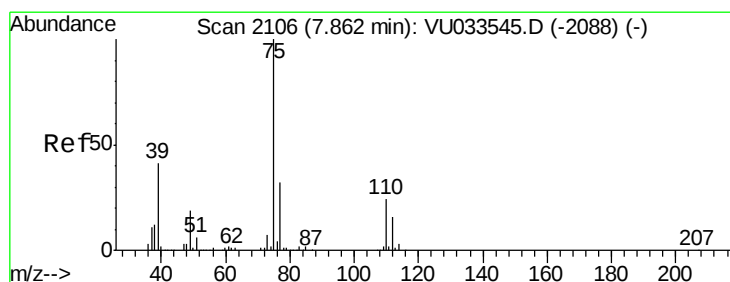
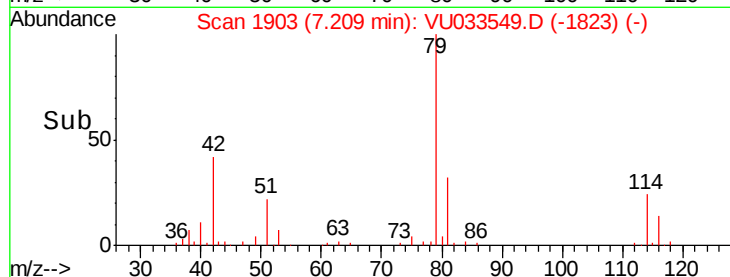
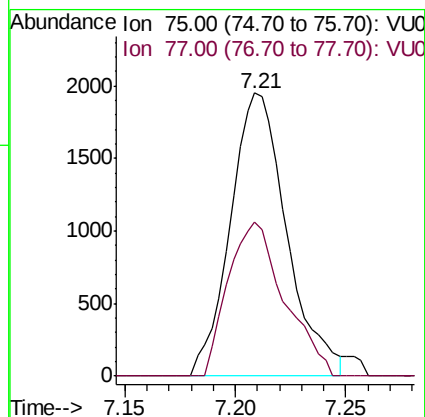
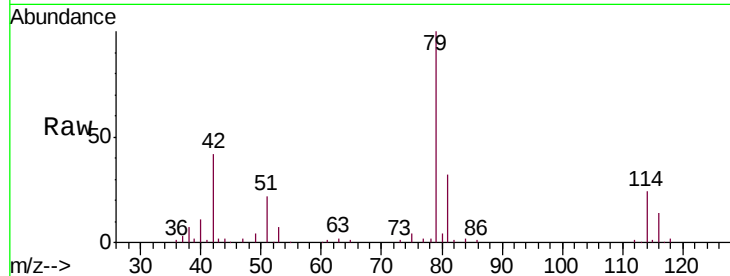


#39

cis-1,3-Dichloropropene
 Concen: 0.999 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033549.D
 Acq: 01 Aug 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F6

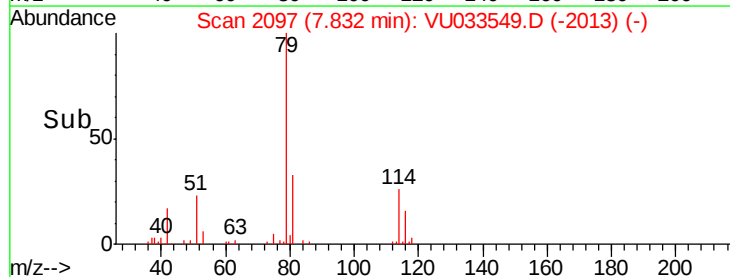
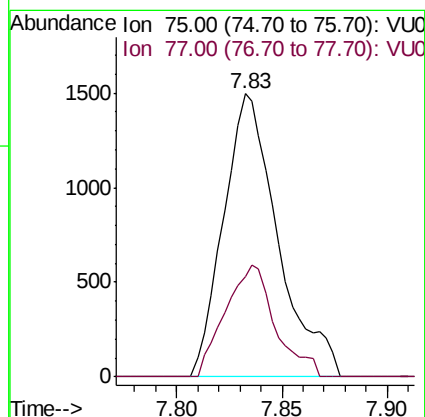
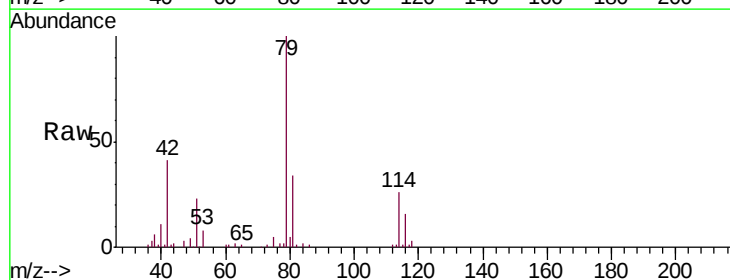
Tgt Ion: 75 Resp: 3467
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.3 41.5#

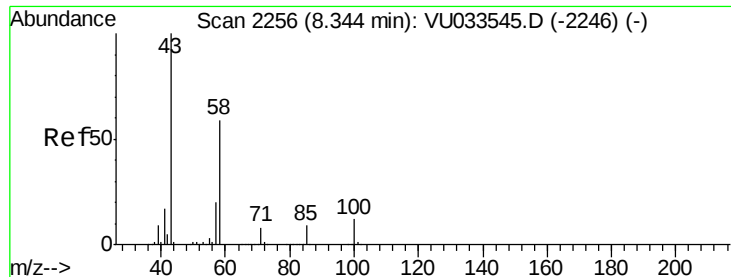


#44

trans-1,3-Dichloropropene
 Concen: 0.856 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033549.D
 Acq: 01 Aug 2019 15:10

Tgt Ion: 75 Resp: 2686
 Ion Ratio Lower Upper
 75 100
 77 35.5 22.7 42.1

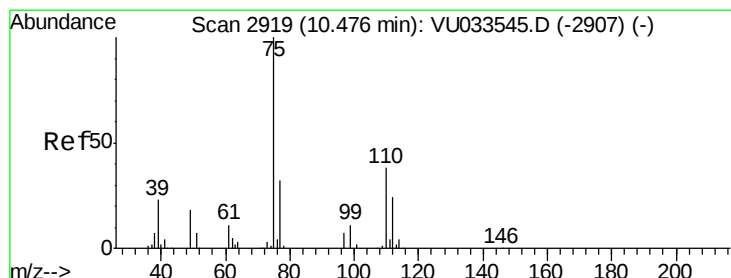
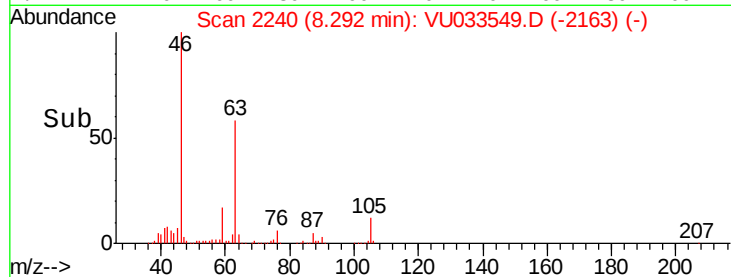
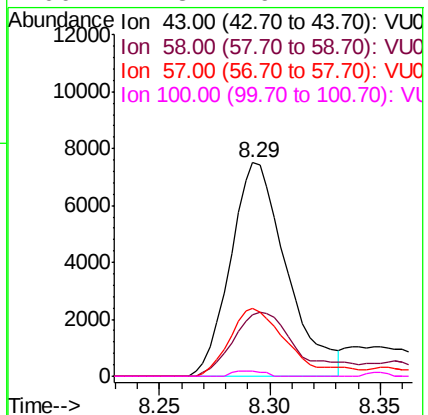
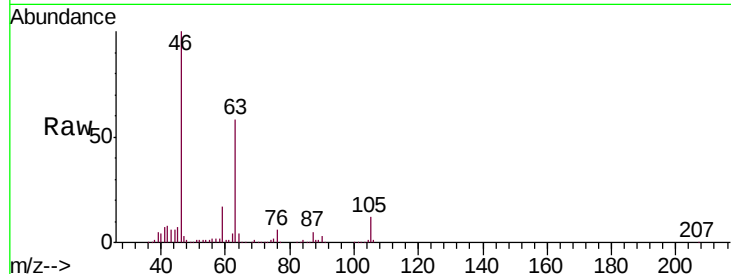




#48
 2-Hexanone
 Concen: 5.343 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033549.D
 Acq: 01 Aug 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F6

Tgt Ion:	43	Resp:	13257
Ion	Ratio	Lower	Upper
43	100		
58	30.5	45.8	68.6#
57	30.4	15.8	23.6#
100	1.3	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.322 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033549.D
 Acq: 01 Aug 2019 15:10

Tgt Ion:	75	Resp:	15618
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.8	38.6

