

Data File : VU033569.D
Acq On : 02 Aug 2019 14:57
Operator : JC/SP
Sample : K4117-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLLG9

Quant Time: Aug 03 00:43:28 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	290242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123086	58.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.66%
7) Chloroethane-d5	1.67	69	105779	58.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.84%
11) 1,1-Dichloroethene-d2	2.26	63	159427	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.26%
21) 2-Butanone-d5	4.14	46	167997	120.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.20%
24) Chloroform-d	4.62	84	182419	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
26) 1,2-Dichloroethane-d4	5.28	65	130638	58.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.64%
32) Benzene-d6	5.32	84	398833	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.16%
36) 1,2-Dichloropropane-d6	6.31	67	128987	56.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.60%
41) Toluene-d8	7.55	98	359445	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%
43) trans-1,3-Dichloropropene-	7.83	79	60342	53.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.20%
47) 2-Hexanone-d5	8.29	63	120300	110.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188270	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	135844	57.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.90%

Target Compounds

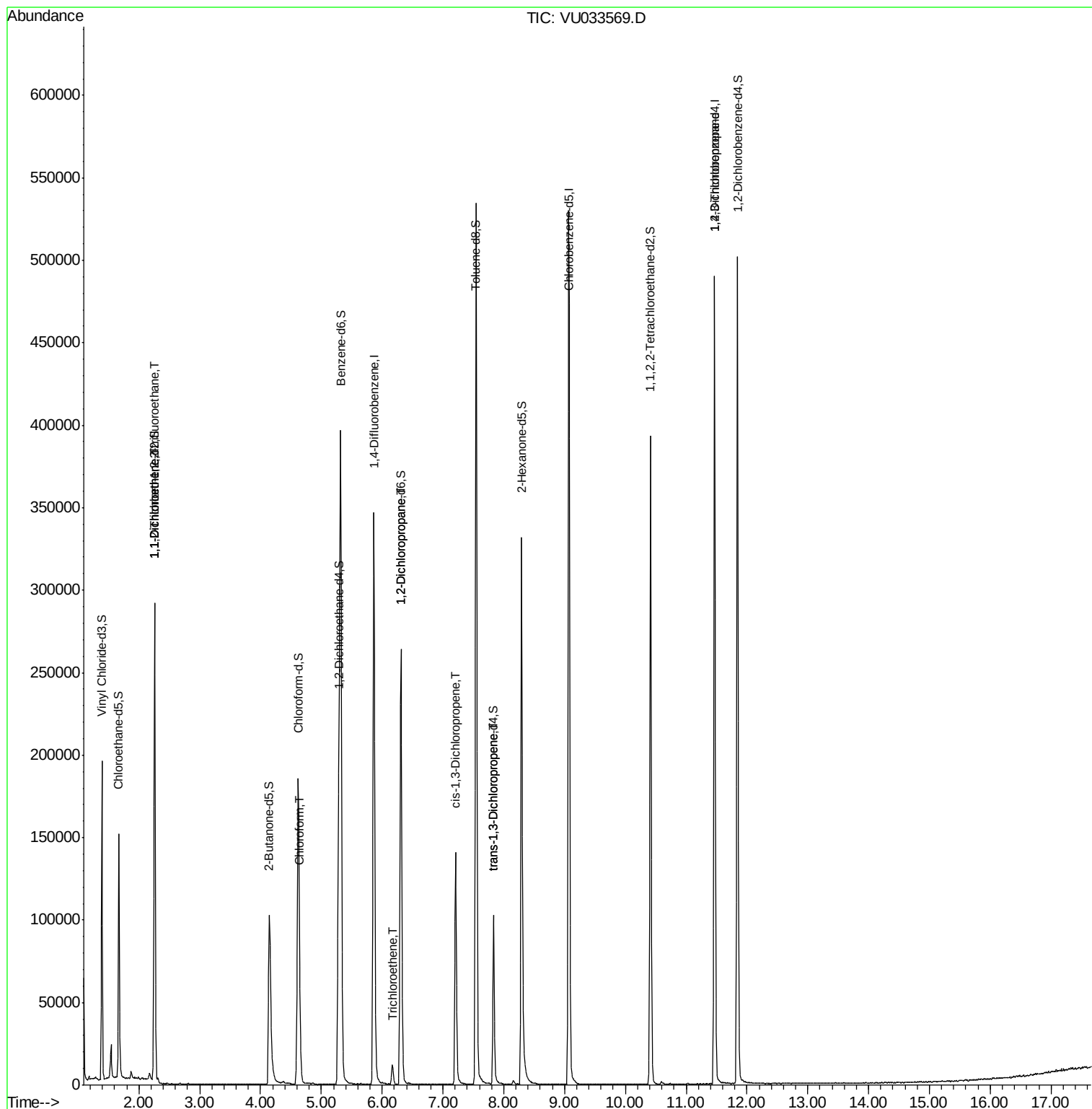
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1481	0.756 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1338	0.712 ug/L #	1
25) Chloroform	4.65	83	17109	4.398 ug/L	98
34) Trichloroethene	6.17	95	4929	2.197 ug/L	88
37) 1,2-Dichloropropane	6.31	63	13694	6.016 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3591	1.011 ug/L #	63
44) trans-1,3-Dichloropropene	7.83	75	2565	0.799 ug/L	90
59) 1,2,3-Trichloropropene	11.47	75	15121	5.032 ug/L	90

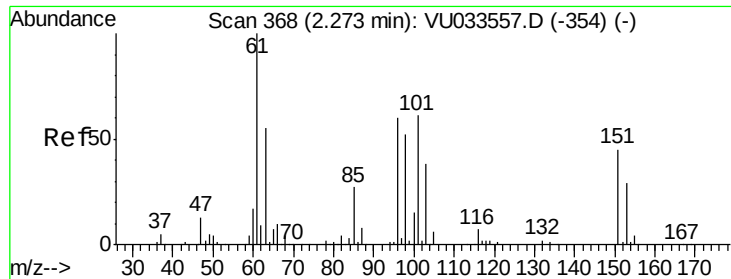
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.756 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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ClientSampleId :

JLLG9

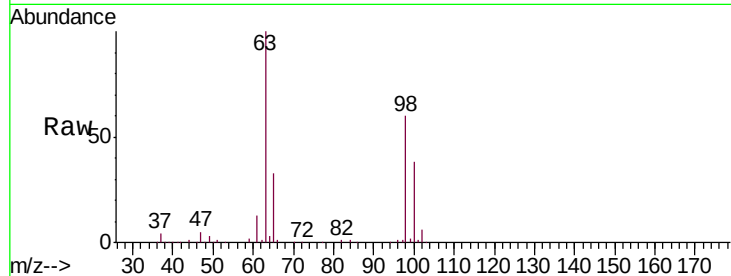
Tgt Ion:101 Resp: 1481

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

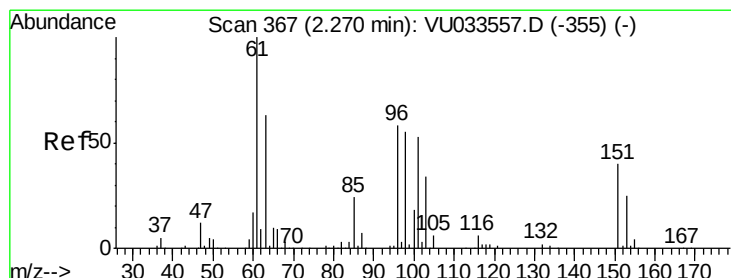
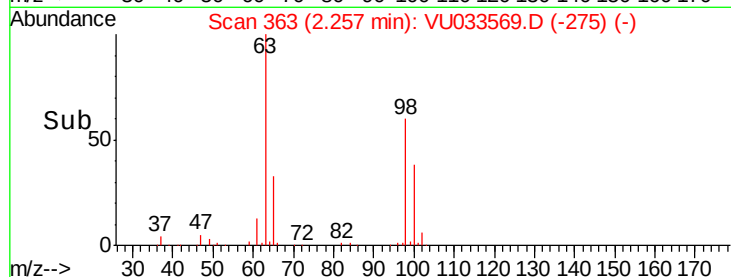
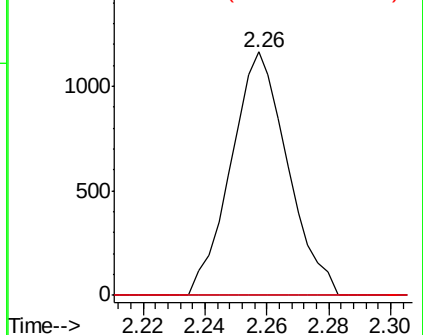
151 0.0 60.1 90.1#



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: 0.712 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033569.D

Acq: 02 Aug 2019 14:57

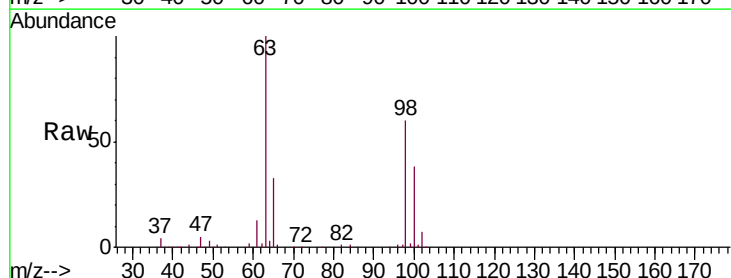
Tgt Ion: 96 Resp: 1338

Ion Ratio Lower Upper

96 100

61 1454.2 119.3 221.5#

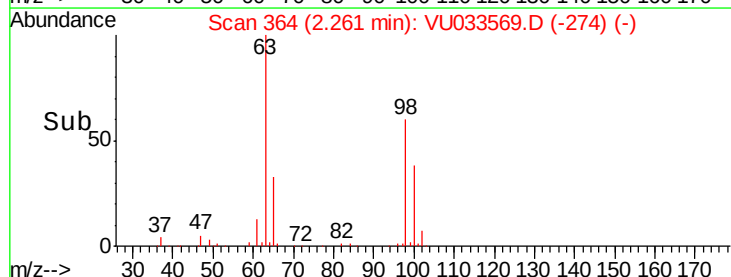
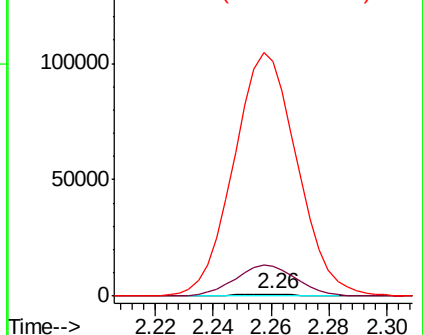
63 11477.0 86.6 160.8#

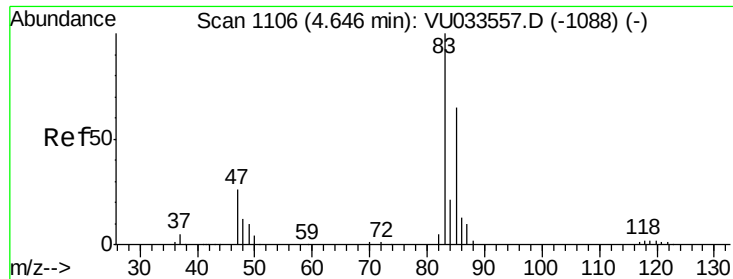


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

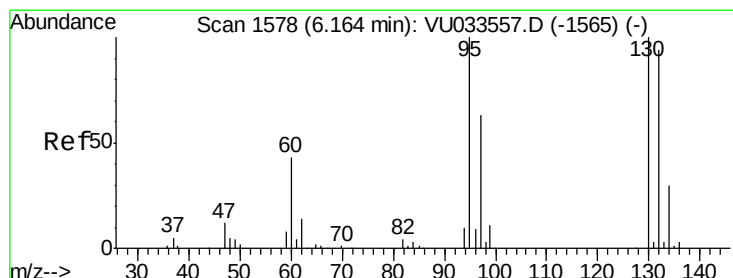
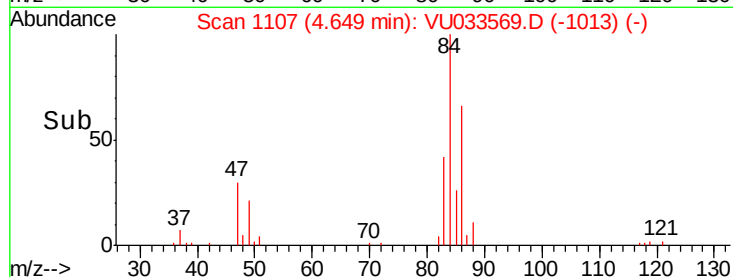
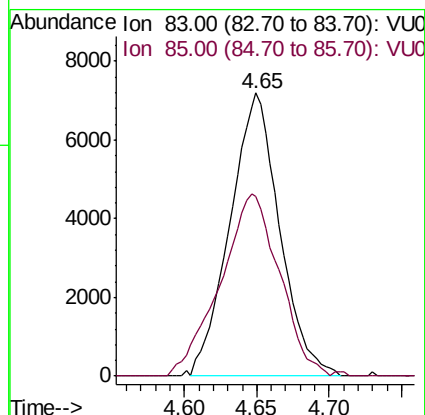
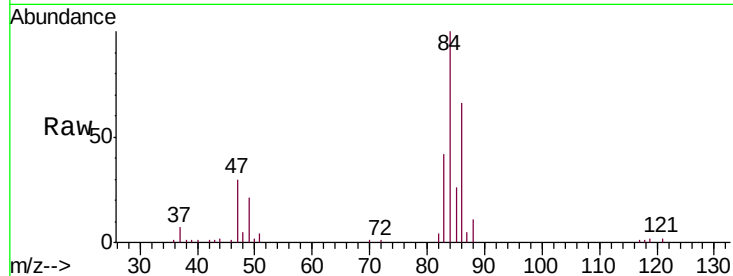




#25
Chloroform
Concen: 4.398 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033569.D
Acq: 02 Aug 2019 14:57

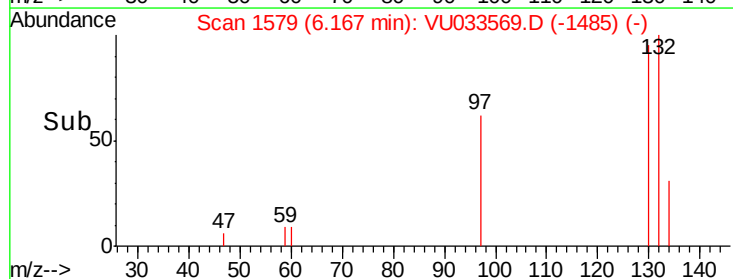
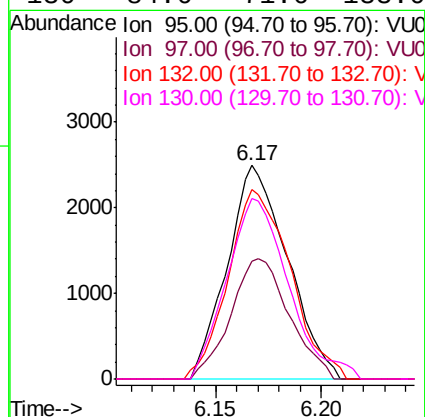
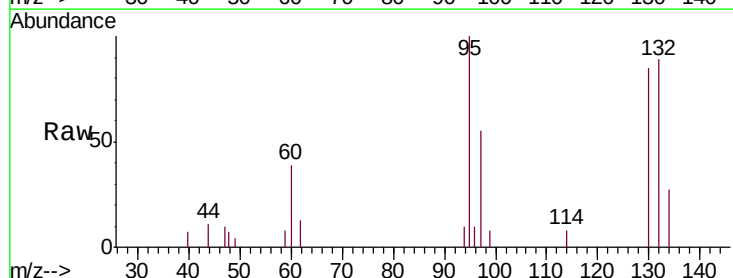
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ClientSampleId :
JLLG9

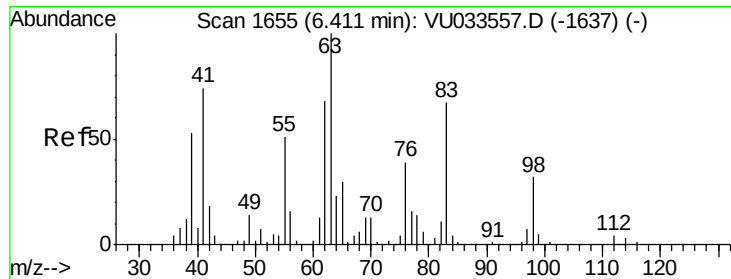
Tgt Ion: 83 Resp: 17109
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.8



#34
Trichloroethene
Concen: 2.197 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033569.D
Acq: 02 Aug 2019 14:57

Tgt Ion: 95 Resp: 4929
Ion Ratio Lower Upper
95 100
97 54.9 44.7 83.1
132 88.8 66.8 124.0
130 84.6 71.6 133.0

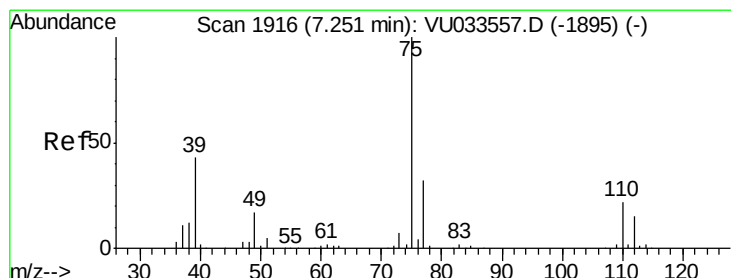
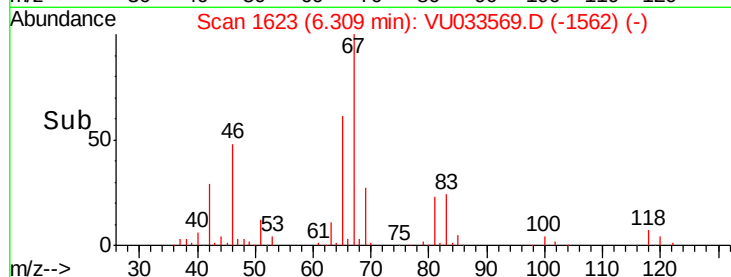
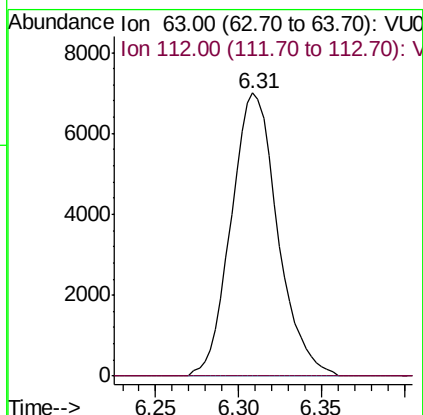
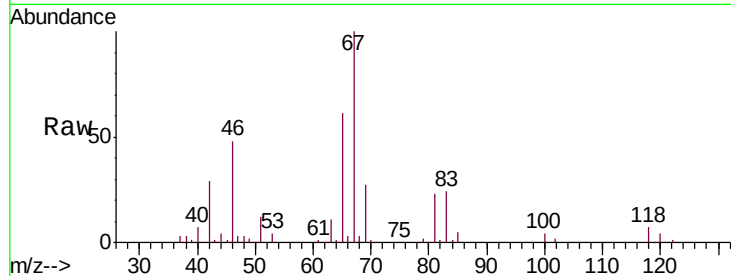




#37
 1,2-Dichloropropane
 Concen: 6.016 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033569.D
 Acq: 02 Aug 2019 14:57

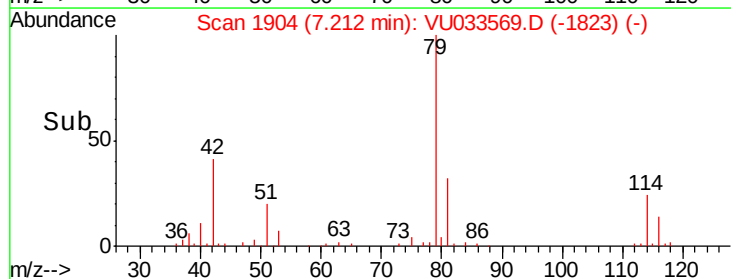
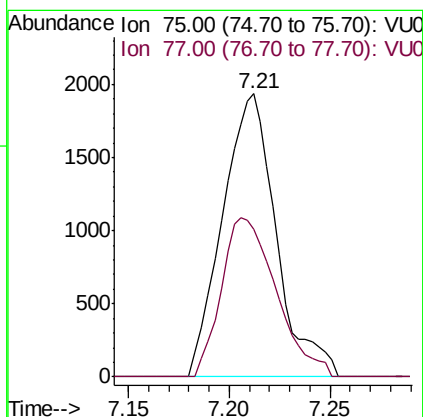
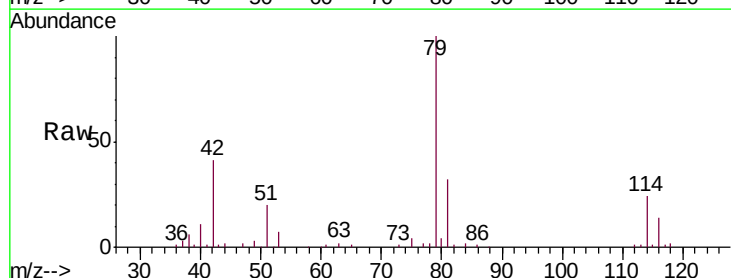
Instrument :
 MSVOA_U
 ClientSampleId :
 JLLG9

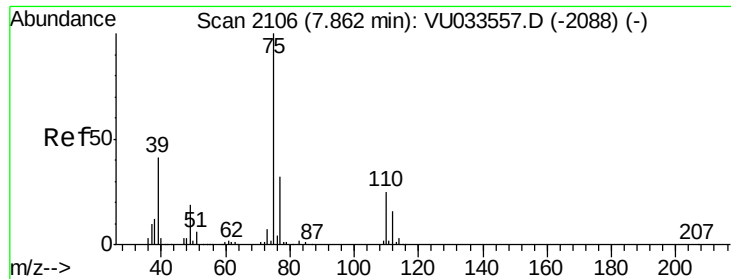
Tgt Ion: 63 Resp: 13694
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033569.D
 Acq: 02 Aug 2019 14:57

Tgt Ion: 75 Resp: 3591
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033569.D

Acq: 02 Aug 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

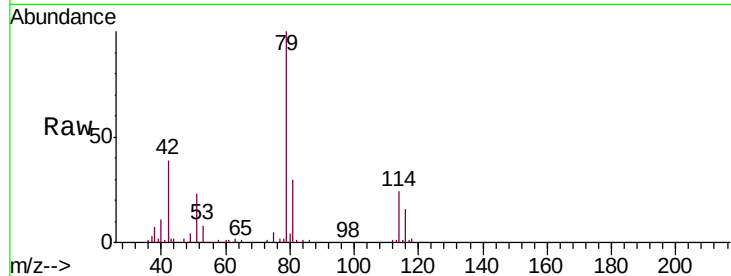
JLLG9

Tgt Ion: 75 Resp: 2565

Ion Ratio Lower Upper

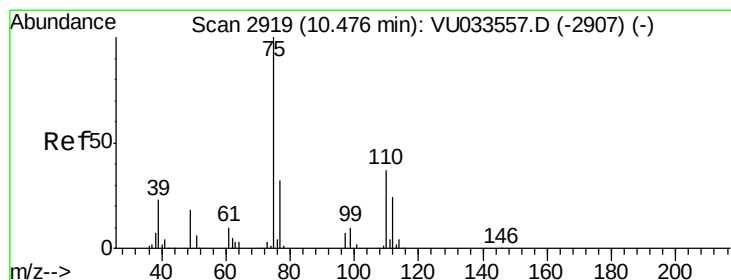
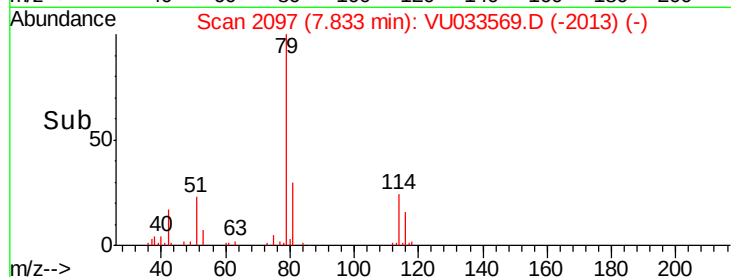
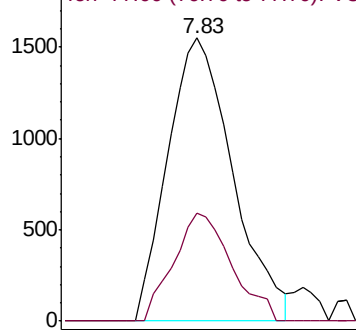
75 100

77 38.1 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.032 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033569.D

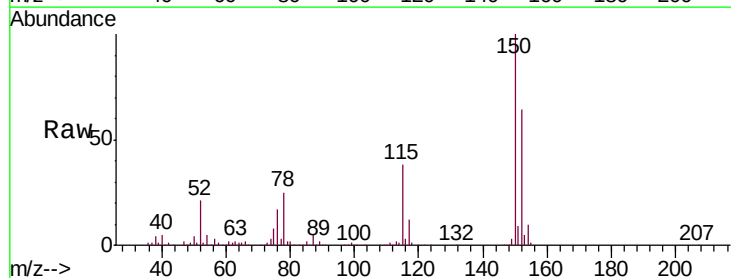
Acq: 02 Aug 2019 14:57

Tgt Ion: 75 Resp: 15121

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

