

Data File : VU033574.D
Acq On : 02 Aug 2019 16:52
Operator : JC/SP
Sample : K4103-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F7DL

Quant Time: Aug 03 00:44:14 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	296972	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	130864	60.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.22%
7) Chloroethane-d5	1.67	69	112328	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.26%
11) 1,1-Dichloroethene-d2	2.26	63	183987	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.90%
21) 2-Butanone-d5	4.15	46	184857	129.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.26%
24) Chloroform-d	4.62	84	208247	57.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.08%
26) 1,2-Dichloroethane-d4	5.29	65	136082	59.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.74%
32) Benzene-d6	5.32	84	426567	58.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.14%
36) 1,2-Dichloropropane-d6	6.31	67	137665	59.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.58%
41) Toluene-d8	7.55	98	377997	54.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.84%
43) trans-1,3-Dichloropropene-	7.83	79	61494	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.68%
47) 2-Hexanone-d5	8.29	63	133367	122.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200297	56.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	151066	58.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.46%

Target Compounds

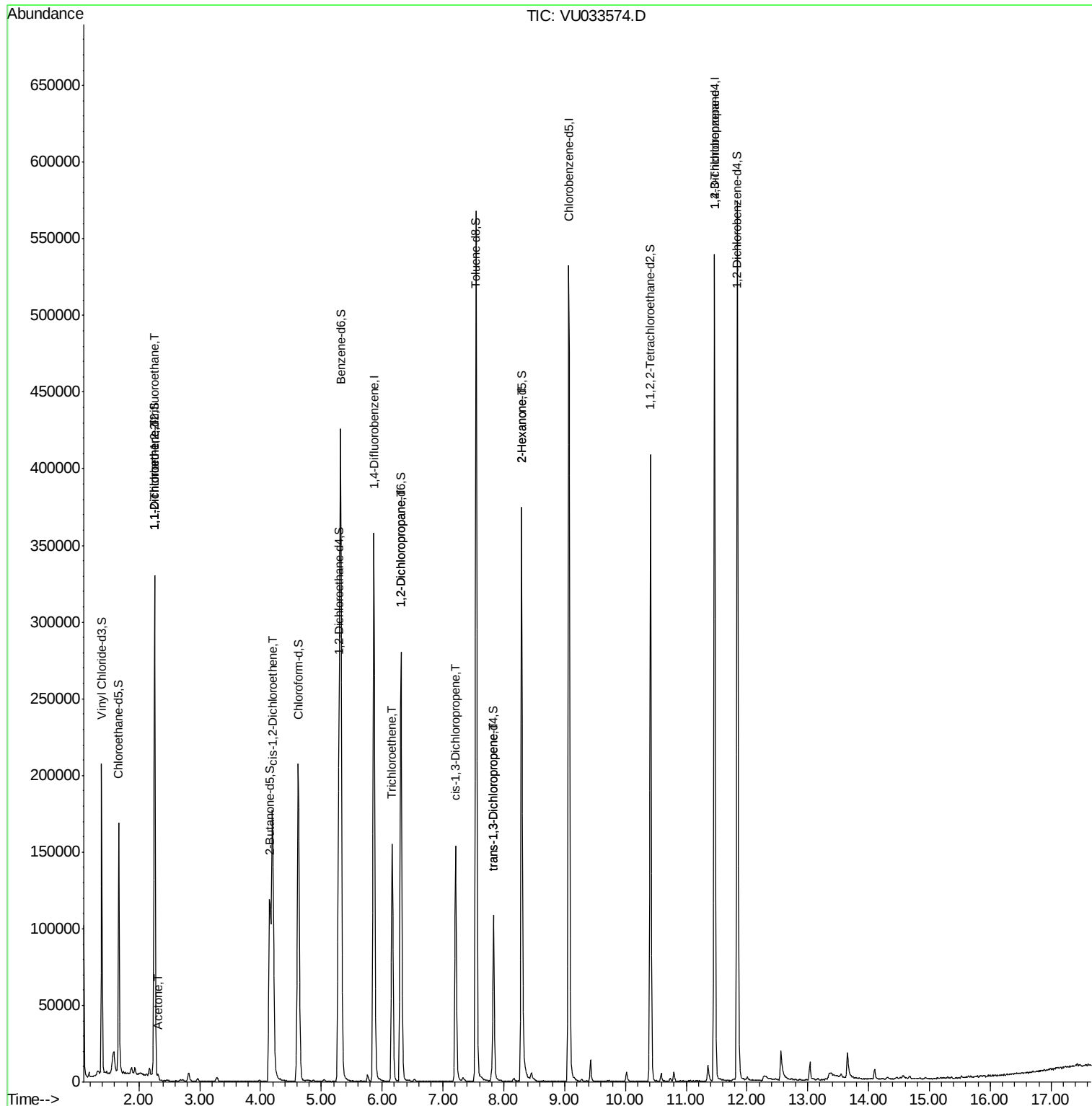
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1682	0.839 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1591	0.827 ug/L #	1
13) Acetone	2.31	43	1551	1.060 ug/L	58
20) cis-1,2-Dichloroethene	4.20	96	92119	40.733 ug/L	98
34) Trichloroethene	6.16	95	54780	24.295 ug/L	97
37) 1,2-Dichloropropane	6.31	63	14852	6.491 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3884	1.088 ug/L #	54
44) trans-1,3-Dichloropropene	7.83	75	2778	0.861 ug/L	94
48) 2-Hexanone	8.29	43	15514	6.076 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	16697	5.529 ug/L	92

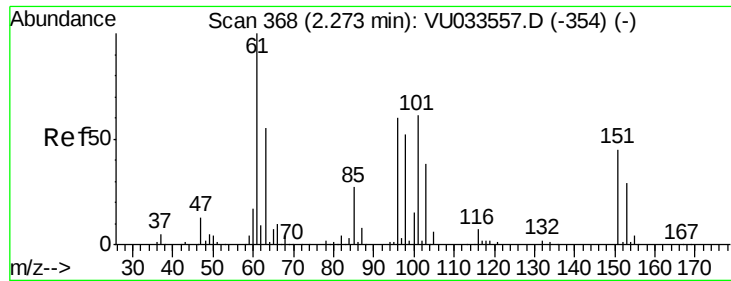
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033574.D
Acq On : 02 Aug 2019 16:52
Operator : JC/SP
Sample : K4103-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F7DL

Quant Time: Aug 03 00:44:14 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





#10

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

Concen: 0.839 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033574.D

Acq: 02 Aug 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

DB9F7DL

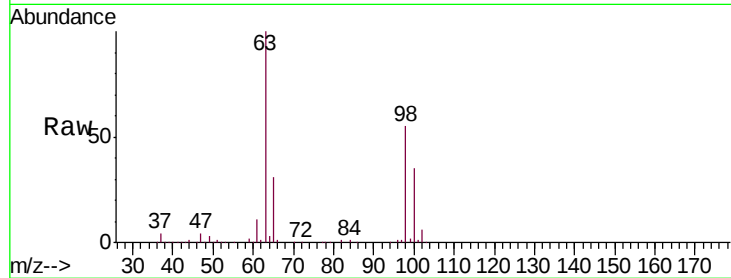
Tgt Ion:101 Resp: 1682

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

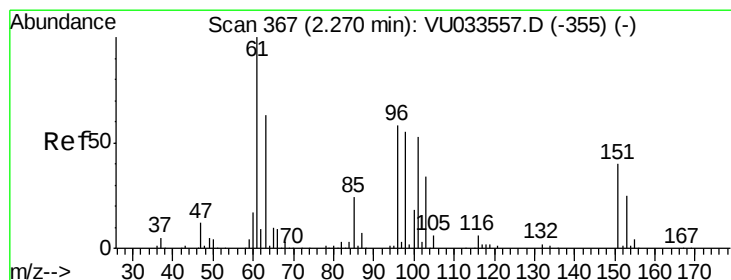
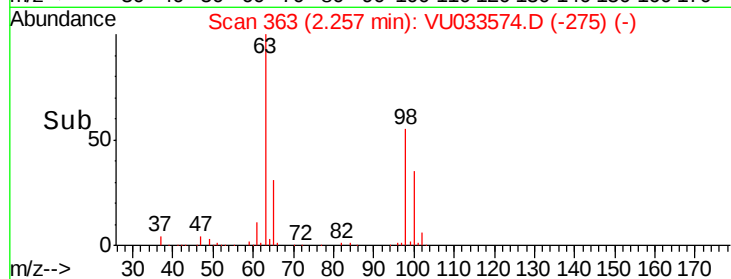
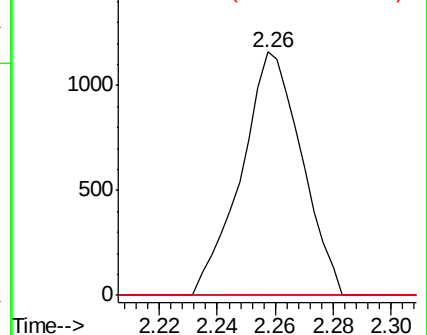
151 0.0 60.1 90.1#



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: 0.827 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033574.D

Acq: 02 Aug 2019 16:52

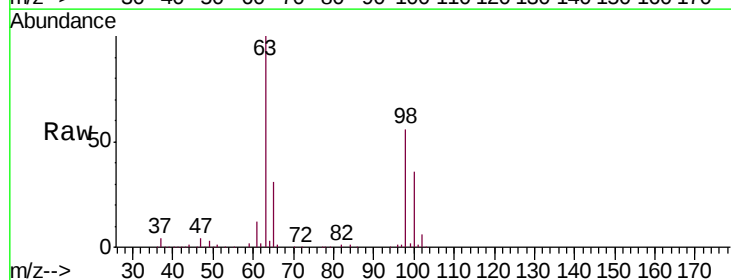
Tgt Ion: 96 Resp: 1591

Ion Ratio Lower Upper

96 100

61 1250.1 119.3 221.5#

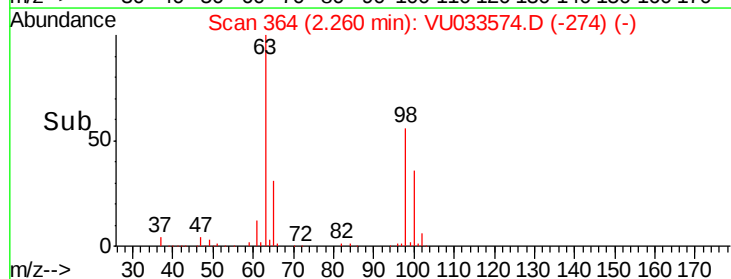
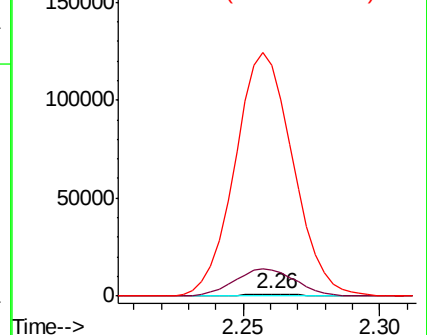
63 10857.7 86.6 160.8#

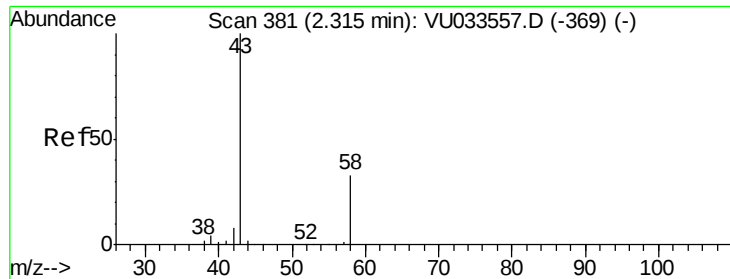


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.060 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VU033574.D

Acq: 02 Aug 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

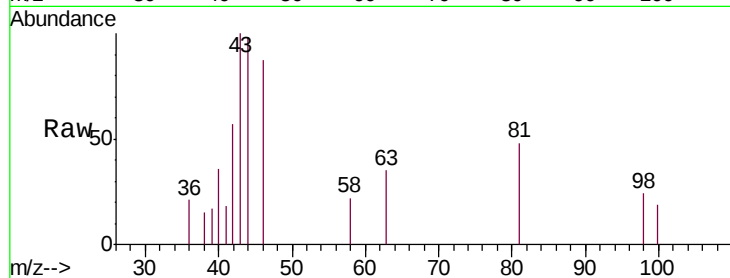
DB9F7DL

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 9.2 0.0 66.2

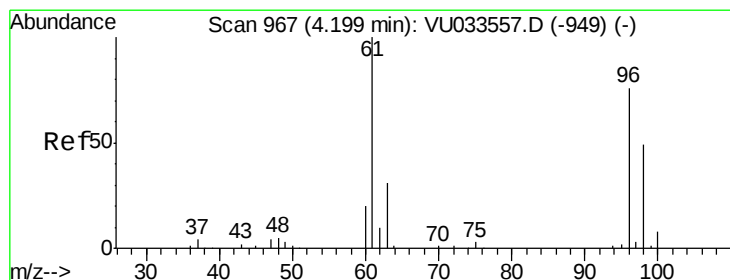
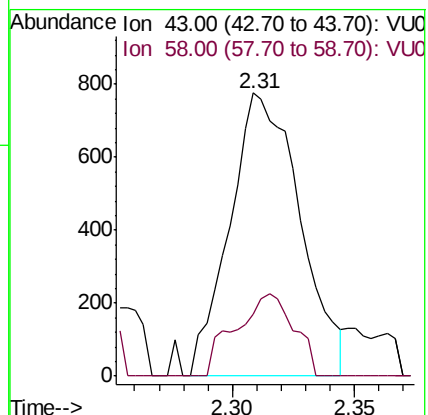
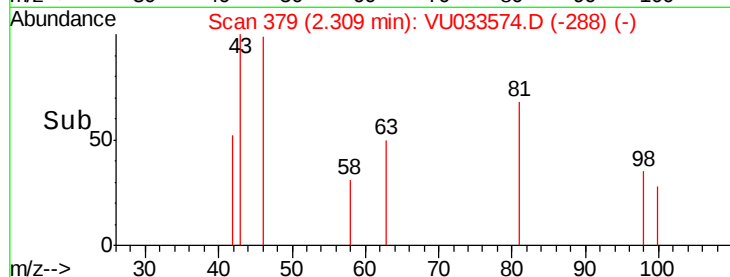


Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033557.D (-369) (-)

2.31

2.35



#20

cis-1,2-Dichloroethene

Concen: 40.733 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033574.D

Acq: 02 Aug 2019 16:52

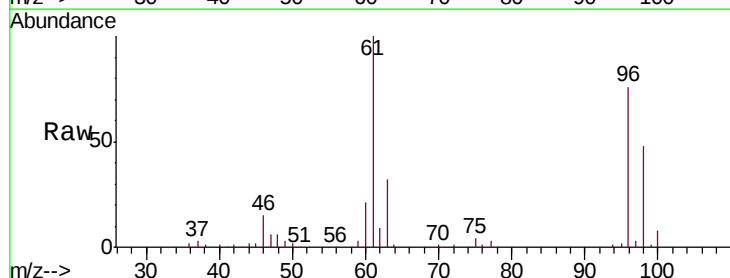
Tgt Ion: 96 Resp: 92119

Ion Ratio Lower Upper

96 100

61 132.3 91.3 169.6

68 0.0 0.0 0.0

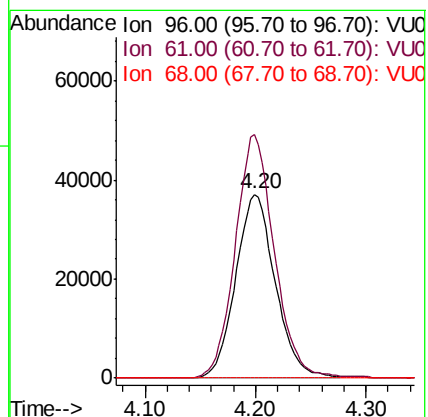
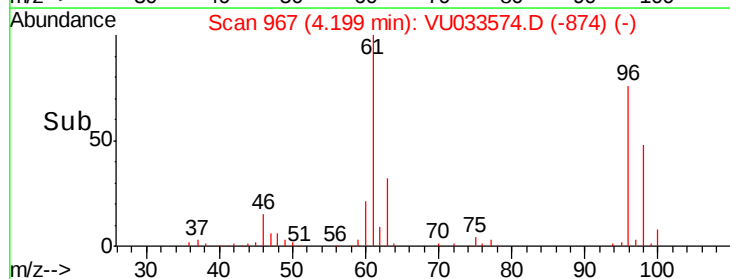


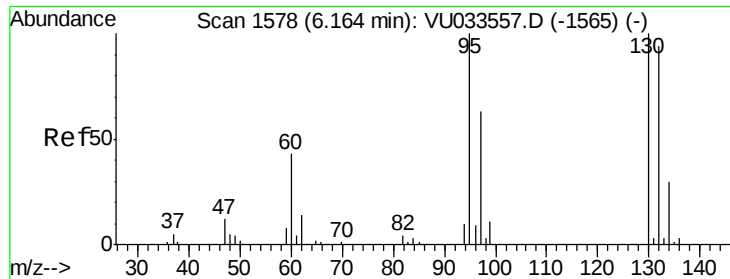
Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033557.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033557.D (-949) (-)

4.20





#34

Trichloroethene

Concen: 24.295 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033574.D

Acq: 02 Aug 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

DB9F7DL

Tgt Ion: 95 Resp: 54780

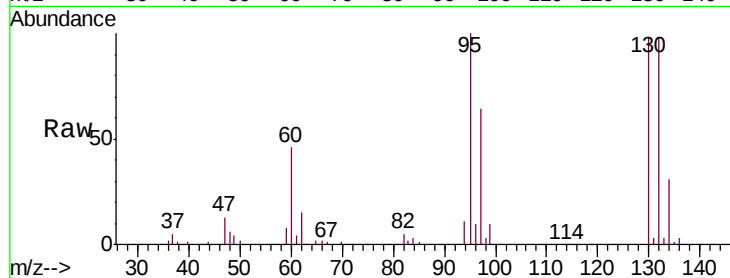
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 98.2 66.8 124.0

130 97.8 71.6 133.0

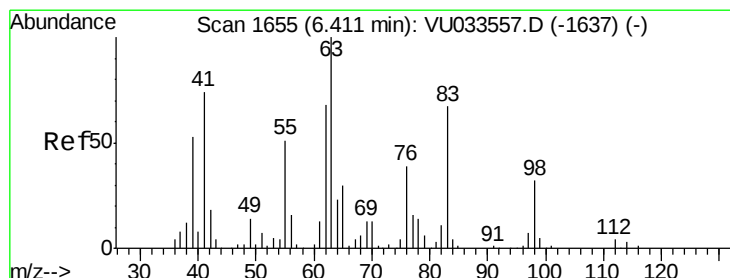
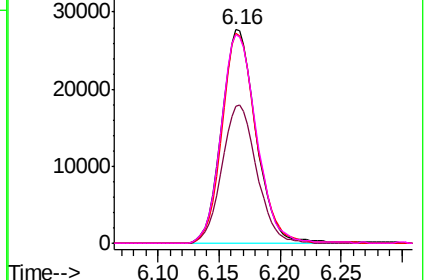
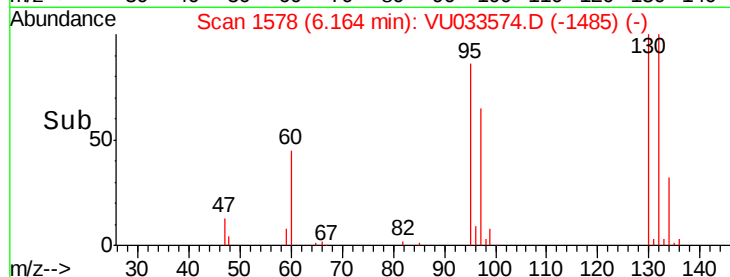


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.491 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033574.D

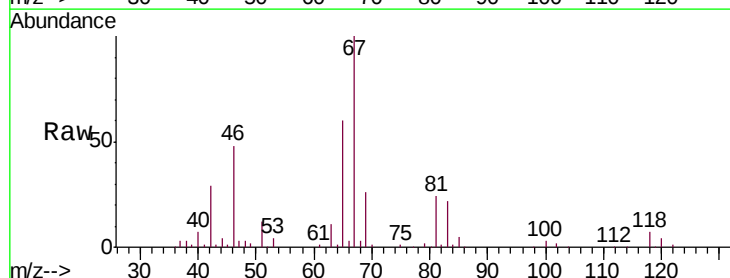
Acq: 02 Aug 2019 16:52

Tgt Ion: 63 Resp: 14852

Ion Ratio Lower Upper

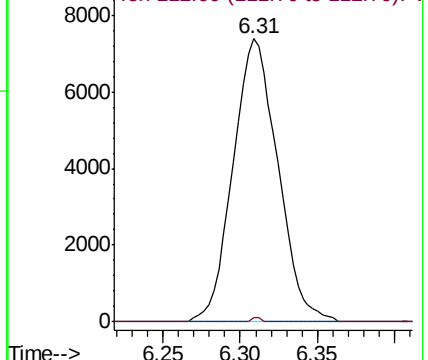
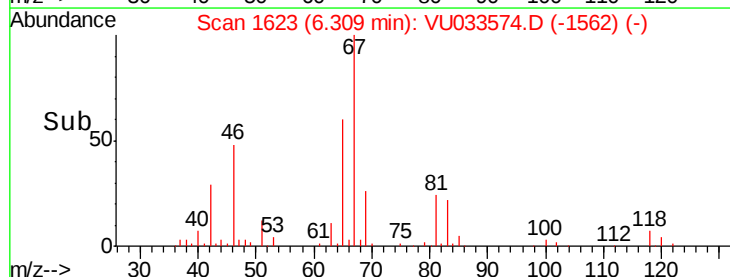
63 100

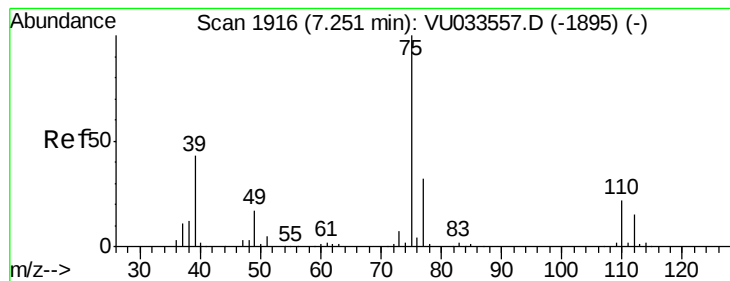
112 0.3 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



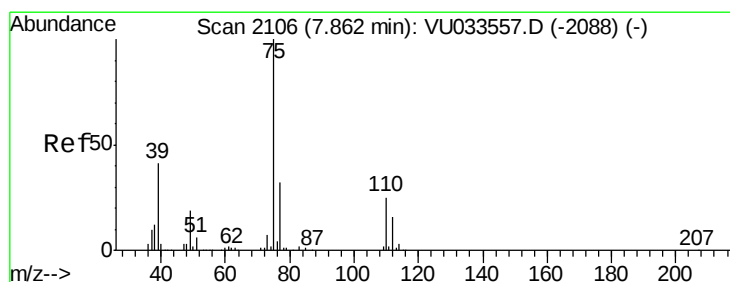
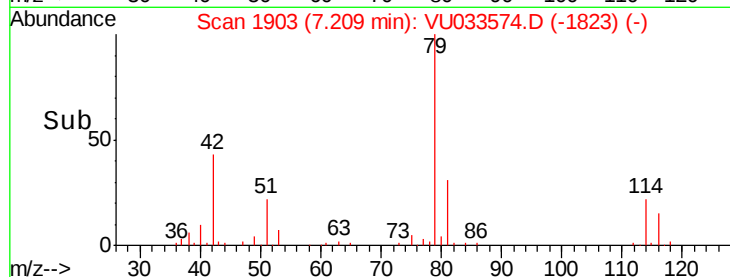
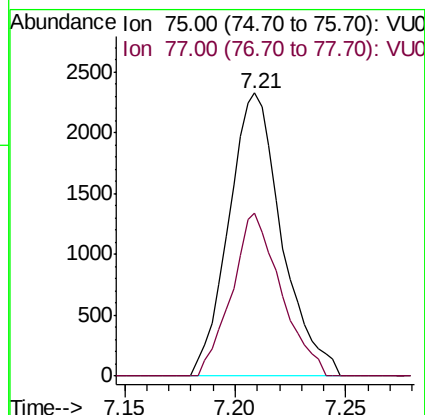
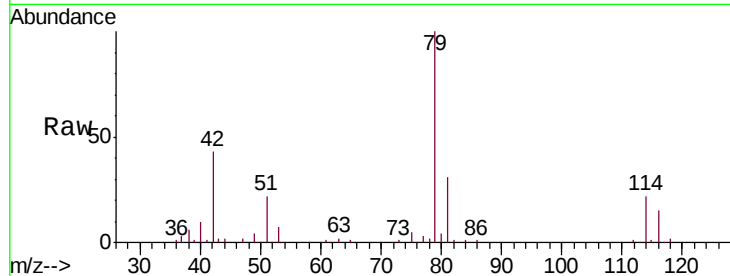


#39

cis-1,3-Dichloropropene
 Concen: 1.088 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7DL

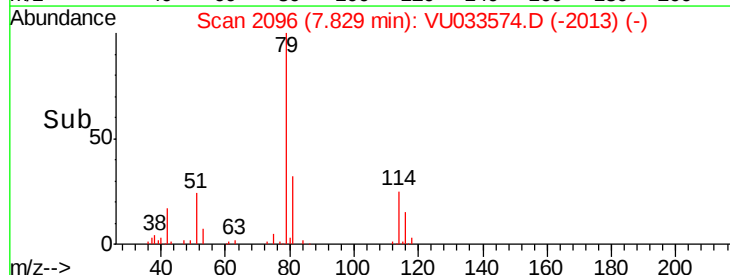
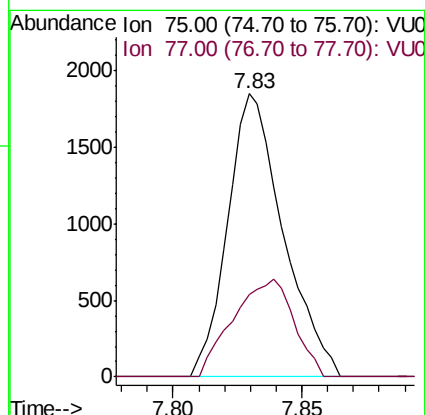
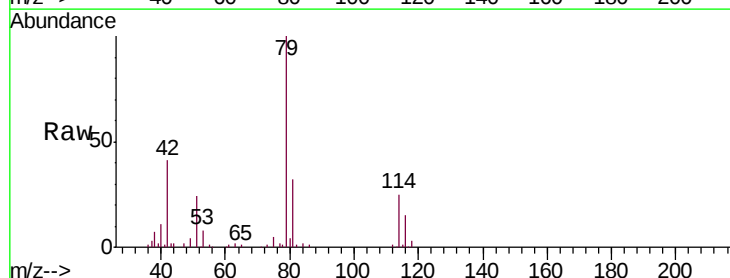
Tgt Ion: 75 Resp: 3884
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.3 41.5#

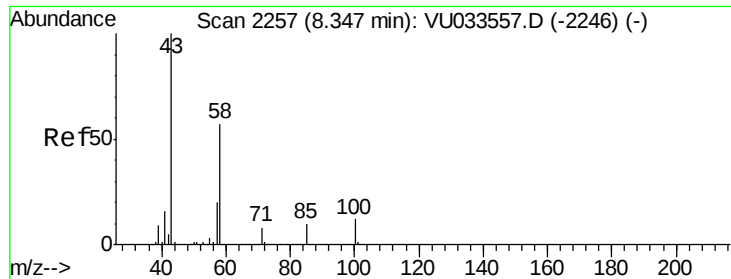


#44

trans-1,3-Dichloropropene
 Concen: 0.861 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Tgt Ion: 75 Resp: 2778
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.7 42.1

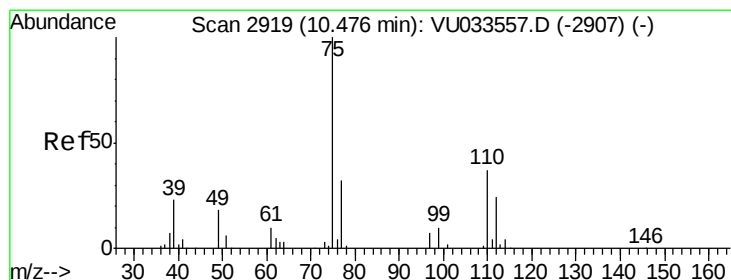
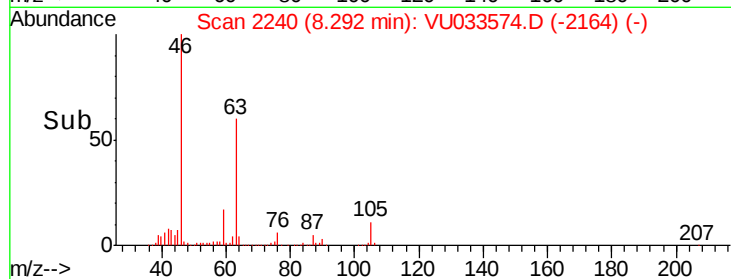
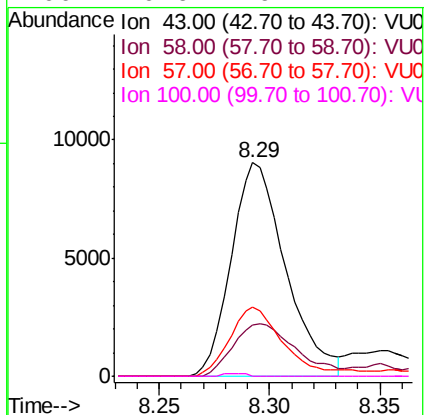
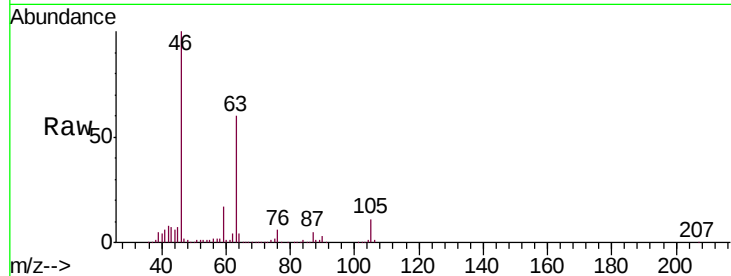




#48
 2-Hexanone
 Concen: 6.076 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7DL

Tgt Ion: 43 Resp: 15514
 Ion Ratio Lower Upper
 43 100
 58 28.4 45.8 68.6#
 57 31.1 15.8 23.6#
 100 0.6 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.529 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Tgt Ion: 75 Resp: 16697
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.8 38.6

