

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037569.D
 Acq On : 03 Apr 2020 15:42
 Operator : JC/MD
 Sample : L2065-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW1

Quant Time: Apr 04 05:24:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	227676	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	212571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	101208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96465	52.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.34%
7) Chloroethane-d5	1.92	69	74438	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	158333	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
21) 2-Butanone-d5	4.66	46	137216	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	5.10	84	165984	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
26) 1,2-Dichloroethane-d4	5.74	65	107156	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
32) Benzene-d6	5.76	84	334541	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.72	67	112490	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.52%
41) Toluene-d8	7.93	98	309899	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	8.20	79	59318	52.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.38%
47) 2-Hexanone-d5	8.66	63	108987	99.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158338	53.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	114012	55.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	26511	18.011	ug/L	100
3) Chloromethane	1.54	50	27497	17.612	ug/L	99
5) Vinyl chloride	1.62	62	59501	38.378	ug/L	99
6) Bromomethane	1.86	94	10700	13.993	ug/L	99
8) Chloroethane	1.94	64	17312	18.933	ug/L	99
9) Trichlorofluoromethane	2.15	101	66897	30.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	19844	15.817	ug/L	95
12) 1,1-Dichloroethene	2.60	96	54649	44.872	ug/L #	68
16) Methylene chloride	3.07	84	41773	28.278	ug/L	92
17) trans-1,2-Dichloroethene	3.39	96	18823	14.353	ug/L	91
19) 1,1-Dichloroethane	3.91	63	107506	41.841	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	41033	27.170	ug/L	100
23) Bromochloromethane	5.02	128	19491	26.889	ug/L	92
25) Chloroform	5.13	83	100252	37.422	ug/L	97
27) 1,2-Dichloroethane	5.83	62	93057	45.009	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	30553	13.559	ug/L	97
31) Carbon tetrachloride	5.56	117	75482	40.701	ug/L	100

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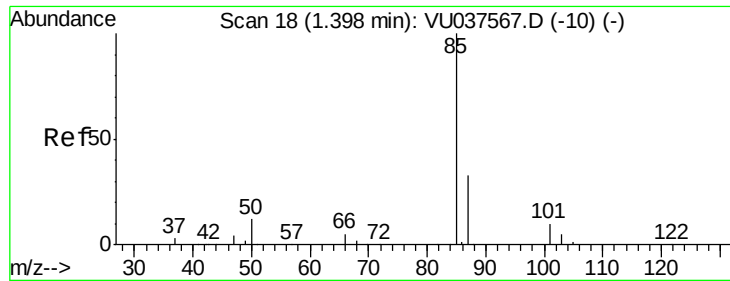
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	5.81	78	173914	31.225	uq/L	100
34) Trichloroethene	6.57	95	80179	55.053	uq/L	95
37) 1,2-Dichloropropane	6.82	63	40799	25.709	uq/L	100
38) Bromodichloromethane	7.14	83	27023	13.092	uq/L	97
39) cis-1,3-Dichloropropene	7.64	75	40558	16.363	uq/L	95
44) trans-1,3-Dichloropropene	8.24	75	74632	30.575	uq/L	99
45) 1,1,2-Trichloroethane	8.43	97	24623	16.994	uq/L	99
46) Tetrachloroethene	8.58	164	46888	47.949	uq/L	98
49) Dibromochloromethane	8.84	129	42449	26.266	uq/L	100
50) 1,2-Dibromoethane	8.95	107	30411	19.085	uq/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	63789	24.421	uq/L	100
59) 1,2,3-Trichloropropane	11.83	75	15321	7.510	uq/L	94
61) Bromoform	10.31	173	38559	33.327	uq/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15551	22.406	uq/L	90

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



#2

Dichlorodifluoromethane

Concen: 18.011 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

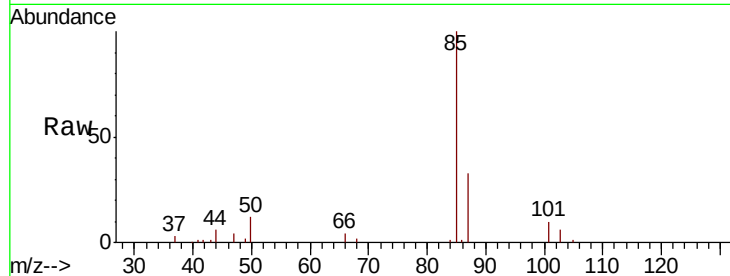
DBEW1

Tot Ion: 85 Resp: 26511

Ion Ratio Lower Upper

85 100

87 32.7 26.2 39.4

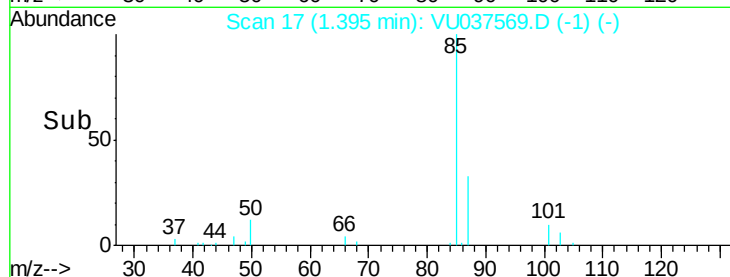


Abundance Ion 85.00 (84.70 to 85.70): VU037567.D (-10) (-)

Ion 87.00 (86.70 to 87.70): VU037567.D (-10) (-)

1.39

Time-->



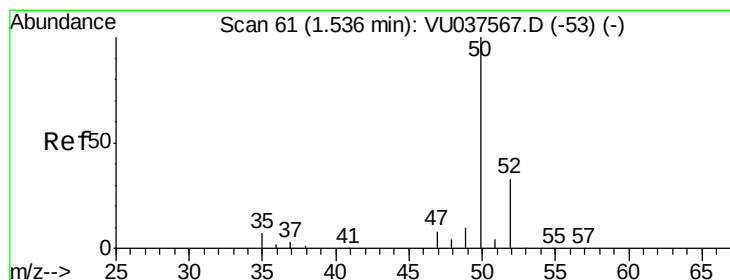
Abundance

Ion 85.00 (84.70 to 85.70): VU037569.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU037569.D (-1) (-)

1.39

Time-->



#3

Chloromethane

Concen: 17.612 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU037569.D

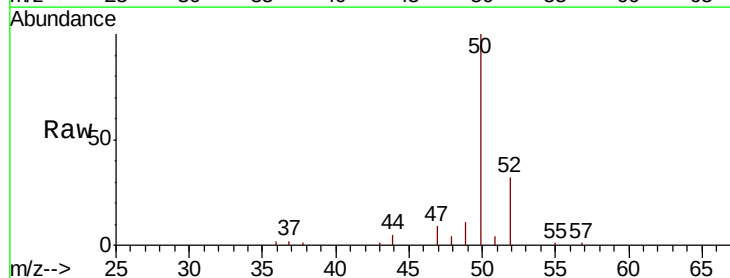
Acq: 03 Apr 2020 15:42

Tgt Ion: 50 Resp: 27497

Ion Ratio Lower Upper

50 100

52 32.5 23.3 43.3

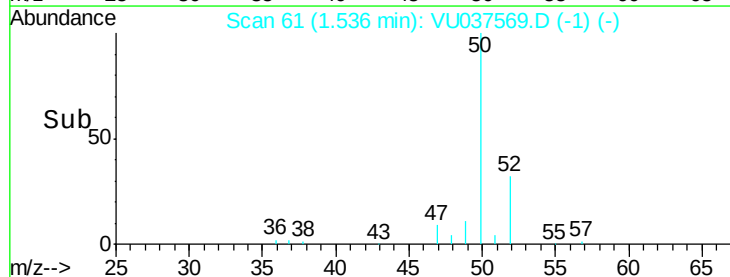


Abundance Ion 50.00 (49.70 to 50.70): VU037567.D (-53) (-)

Ion 52.00 (51.70 to 52.70): VU037567.D (-53) (-)

1.54

Time-->



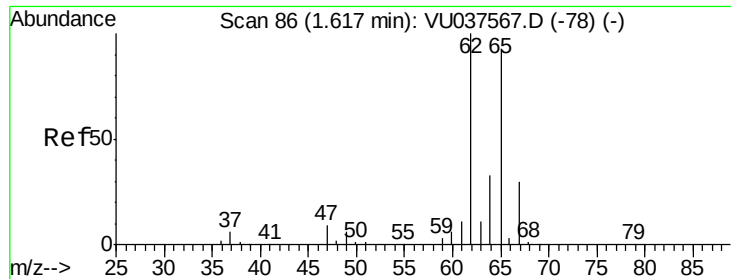
Abundance

Ion 50.00 (49.70 to 50.70): VU037569.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037569.D (-1) (-)

1.54

Time-->



#5

Vinyl chloride

Concen: 38.378 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

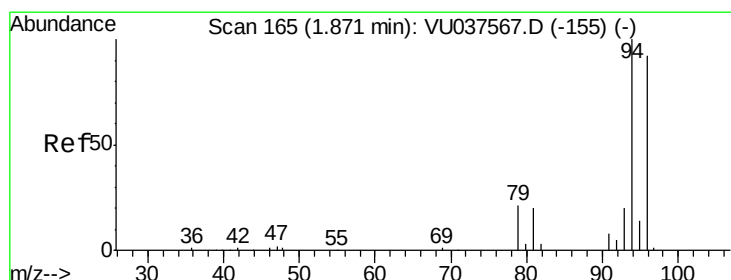
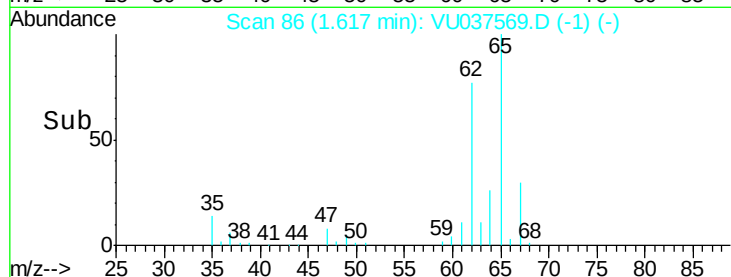
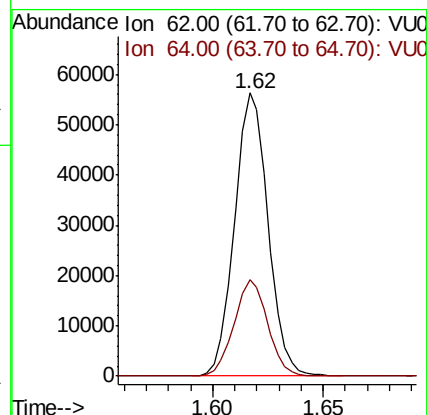
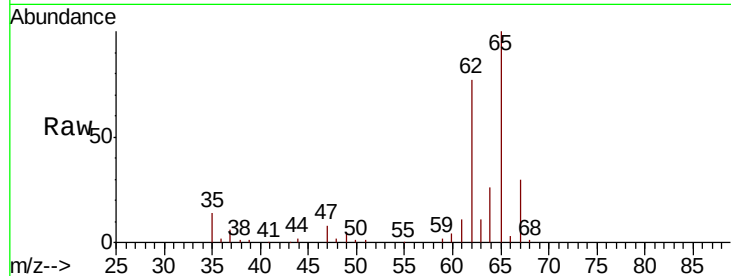
DBEW1

Tot Ion: 62 Resp: 59501

Ion Ratio Lower Upper

62 100

64 33.9 24.0 44.6



#6

Bromomethane

Concen: 13.993 ug/L

RT: 1.86 min Scan# 161

Delta R.T. -0.01 min

Lab File: VU037569.D

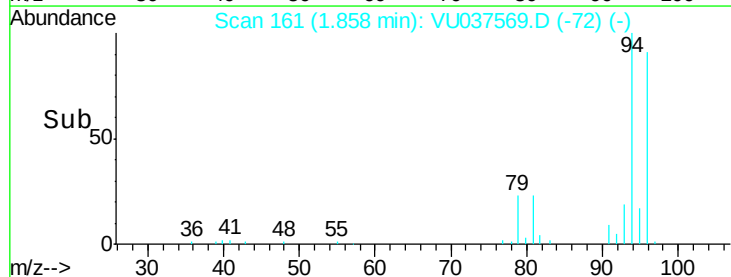
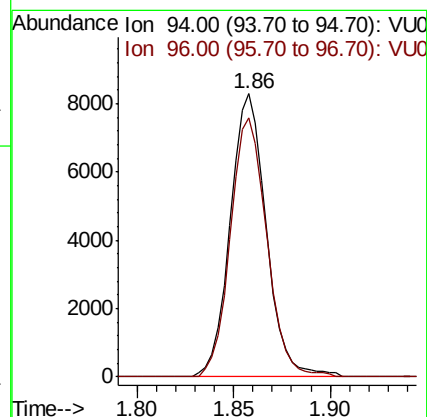
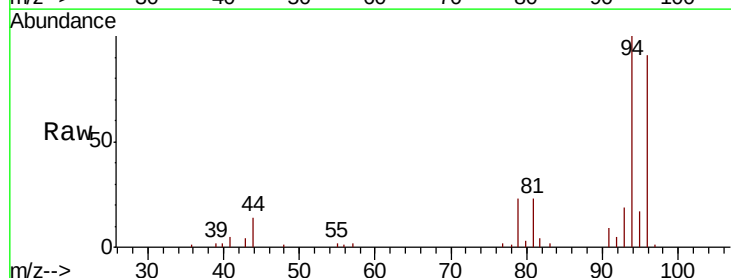
Acq: 03 Apr 2020 15:42

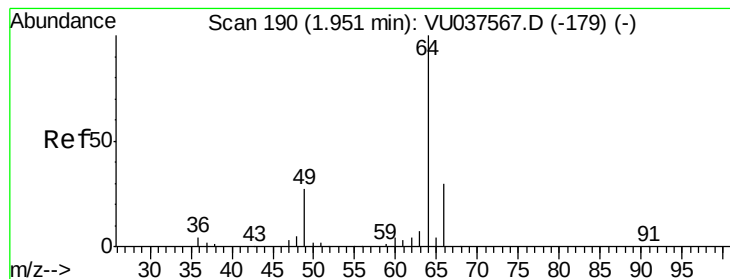
Tgt Ion: 94 Resp: 10700

Ion Ratio Lower Upper

94 100

96 91.4 64.4 119.6





#8

Chloroethane

Concen: 18.933 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.01 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

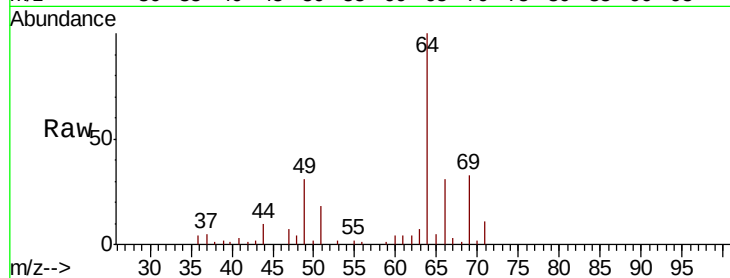
DBEW1

Tot Ion: 64 Resp: 17312

Ion Ratio Lower Upper

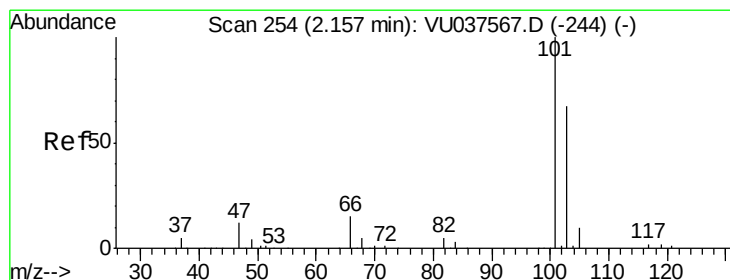
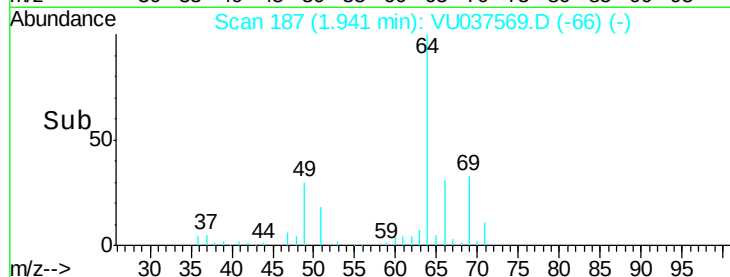
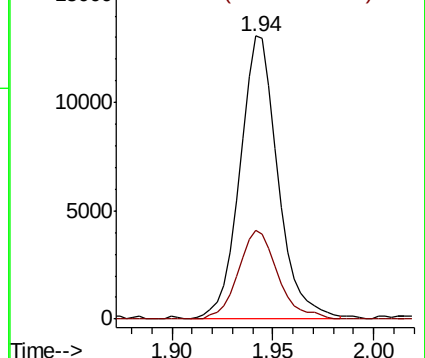
64 100

66 31.4 22.3 41.3



Abundance Ion 64.00 (63.70 to 64.70): VU037567.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037567.D (-179) (-)



#9

Trichlorofluoromethane

Concen: 30.413 ug/L

RT: 2.15 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU037569.D

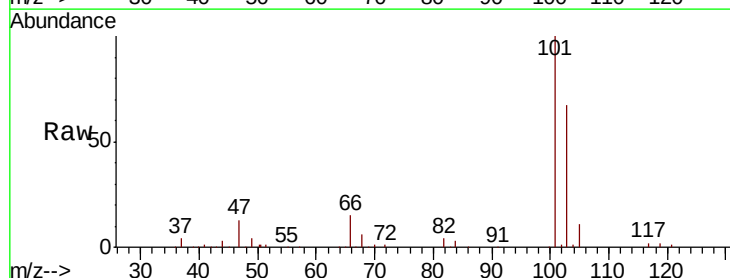
Acq: 03 Apr 2020 15:42

Tgt Ion:101 Resp: 66897

Ion Ratio Lower Upper

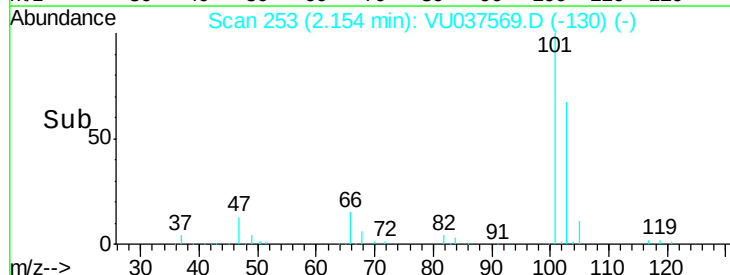
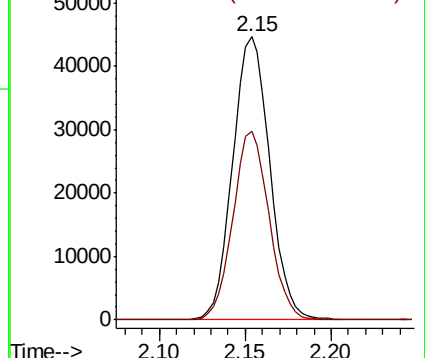
101 100

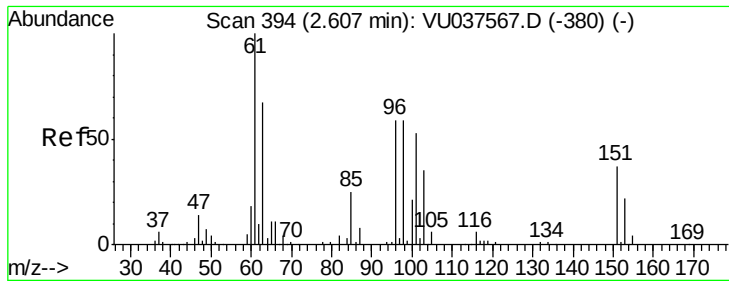
103 64.7 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VU037567.D (-244) (-)

Ion 103.00 (102.70 to 103.70): VU037567.D (-244) (-)





#10

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

Concen: 15.817 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

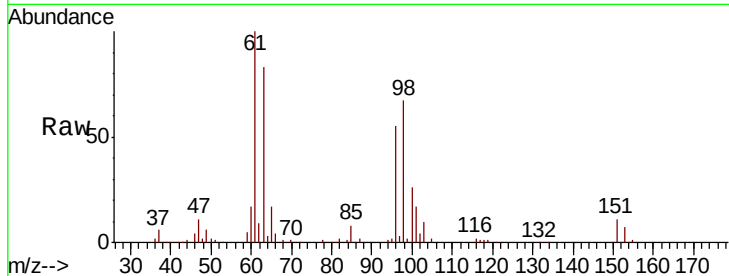
Tot Ion:101 Resp: 19844

Ion Ratio Lower Upper

101 100

85 44.5 35.4 53.2

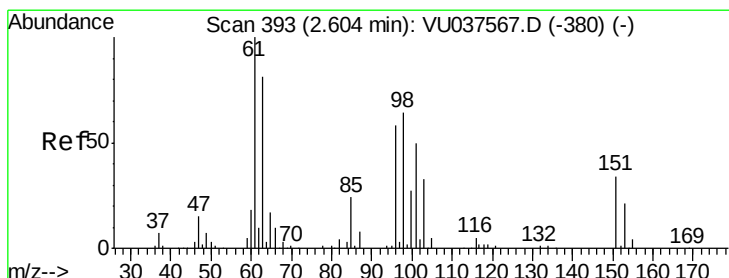
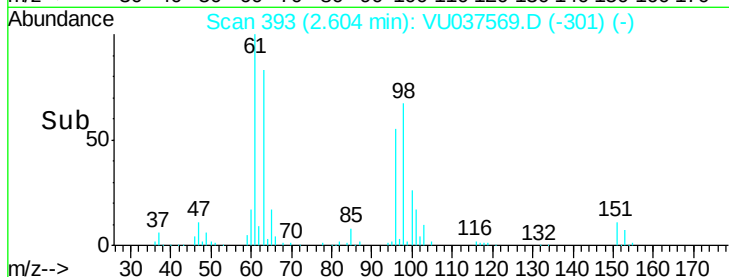
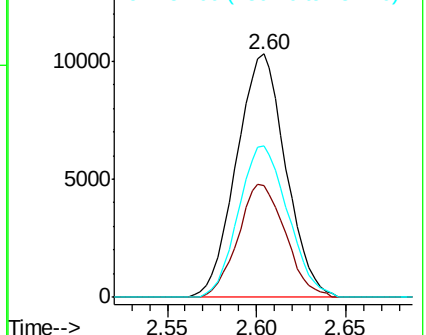
151 62.4 55.3 82.9



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: 44.872 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

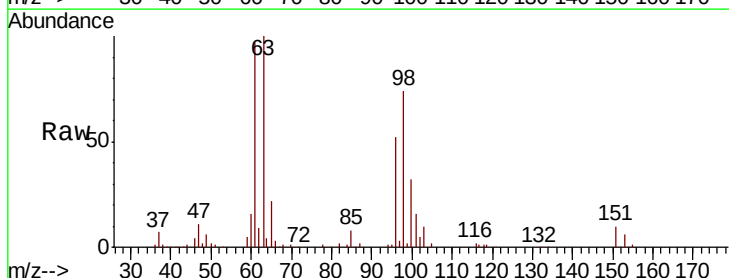
Tgt Ion: 96 Resp: 54649

Ion Ratio Lower Upper

96 100

61 186.8 117.2 217.8

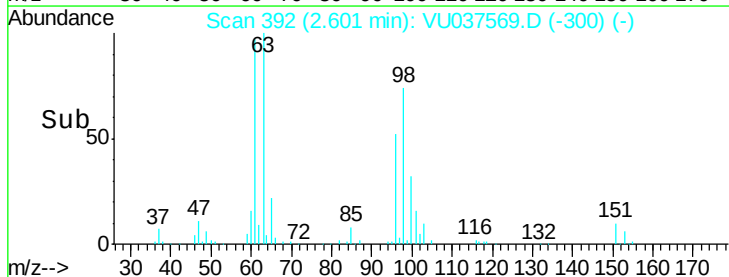
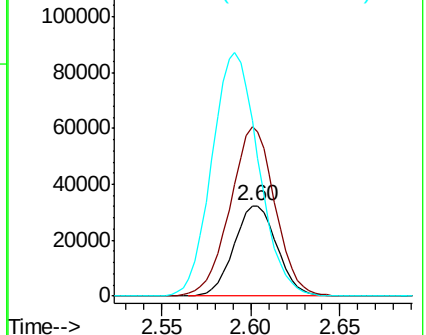
63 193.3 90.9 168.9#

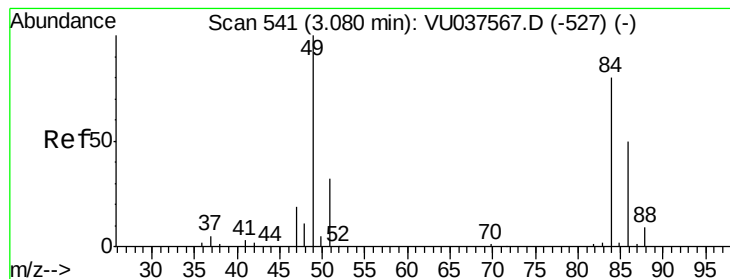


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methylene chloride

Concen: 28.278 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

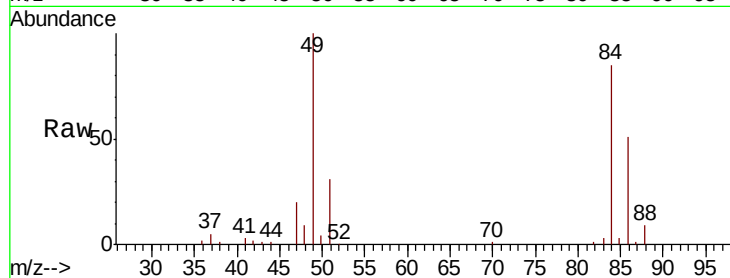
Tot Ion: 84 Resp: 41773

Ion Ratio Lower Upper

84 100

86 60.1 44.8 83.2

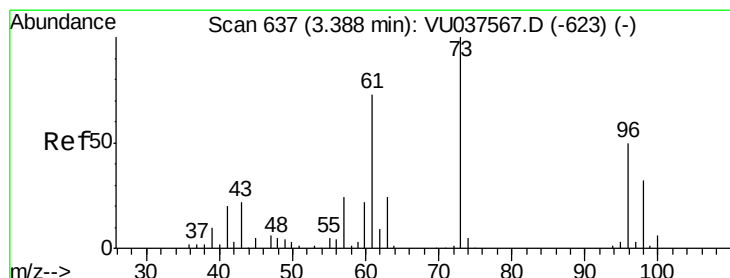
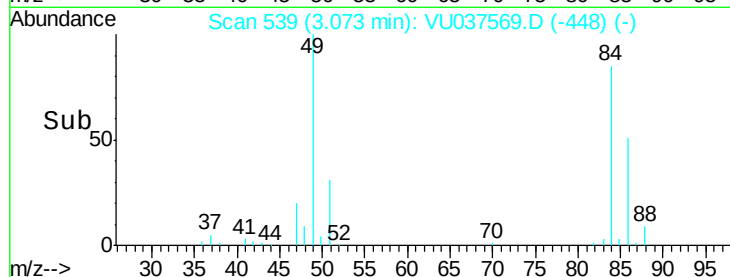
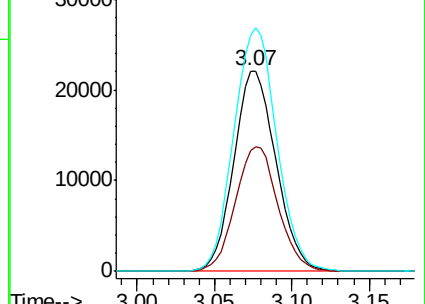
49 117.6 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VU037569.D (-544) (-)

Ion 86.00 (85.70 to 86.70): VU037569.D (-544) (-)

Ion 49.00 (48.70 to 49.70): VU037569.D (-544) (-)



#17

trans-1,2-Dichloroethene

Concen: 14.353 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

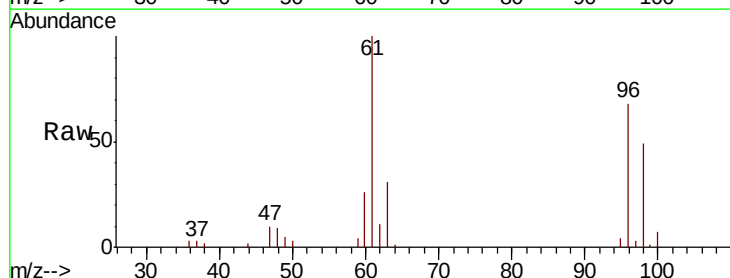
Tgt Ion: 96 Resp: 18823

Ion Ratio Lower Upper

96 100

61 146.6 97.3 180.7

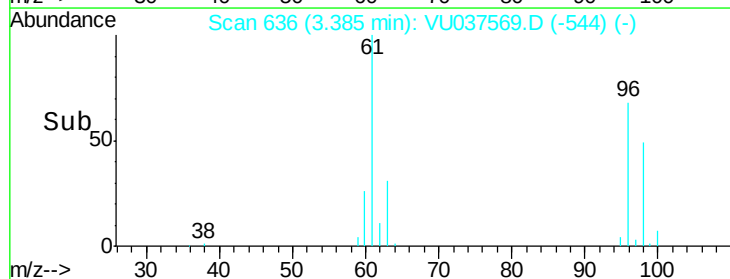
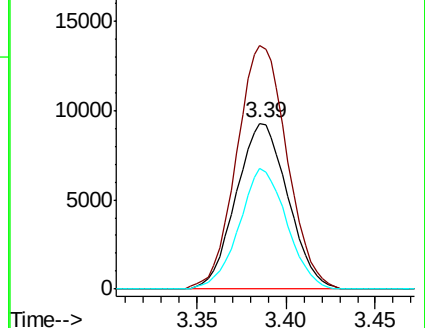
98 72.3 42.7 79.3

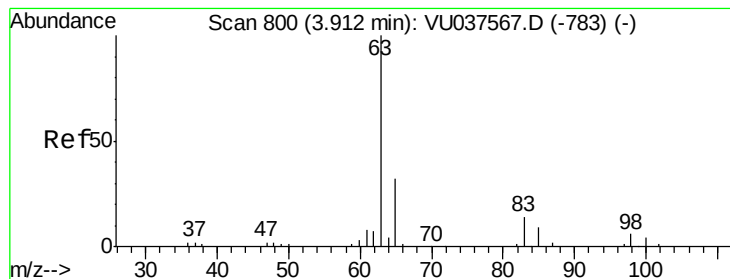


Abundance Ion 96.00 (95.70 to 96.70): VU037569.D (-544) (-)

Ion 61.00 (60.70 to 61.70): VU037569.D (-544) (-)

Ion 98.00 (97.70 to 98.70): VU037569.D (-544) (-)





#19

1,1-Dichloroethane

Concen: 41.841 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

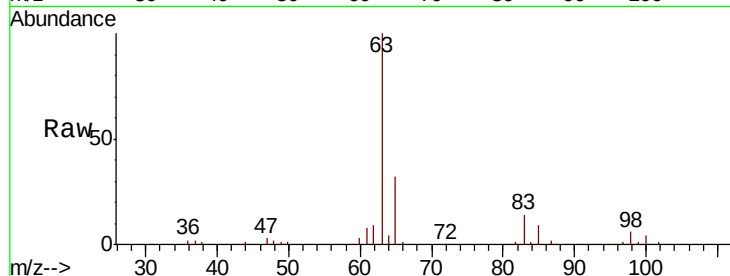
Tot Ion: 63 Resp: 107506

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.2

83 13.7 9.6 17.8

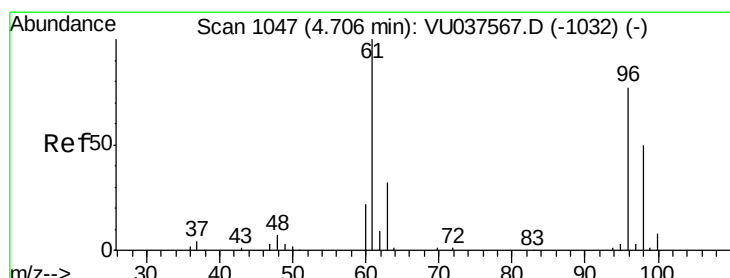
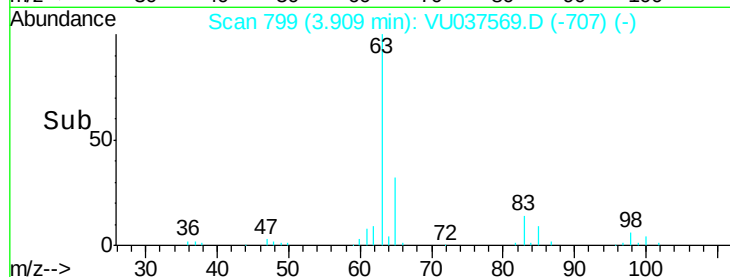


Abundance Ion 63.00 (62.70 to 63.70): VU037569.D (-707) (-)

Ion 65.00 (64.70 to 65.70): VU037569.D (-707) (-)

Ion 83.00 (82.70 to 83.70): VU037569.D (-707) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 27.170 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

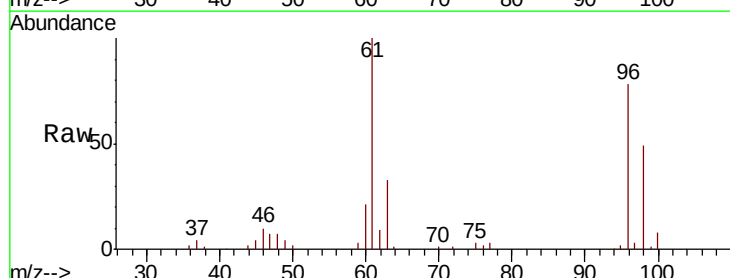
Tgt Ion: 96 Resp: 41033

Ion Ratio Lower Upper

96 100

61 129.0 90.2 167.6

68 0.0 0.0 0.0

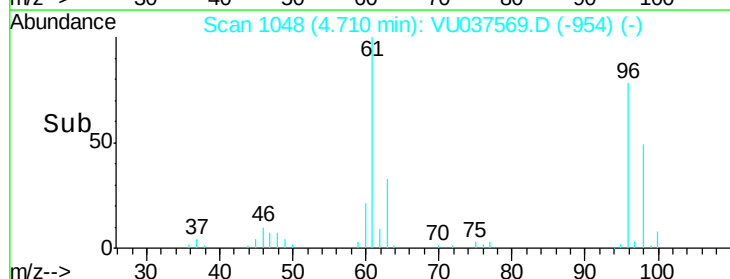


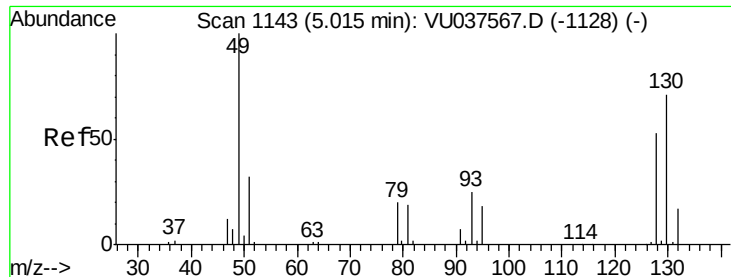
Abundance Ion 96.00 (95.70 to 96.70): VU037569.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037569.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037569.D (-954) (-)

Time-->

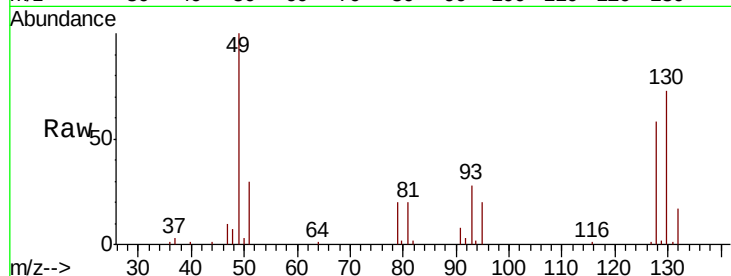




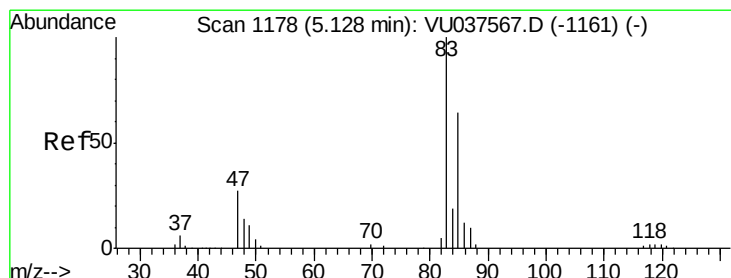
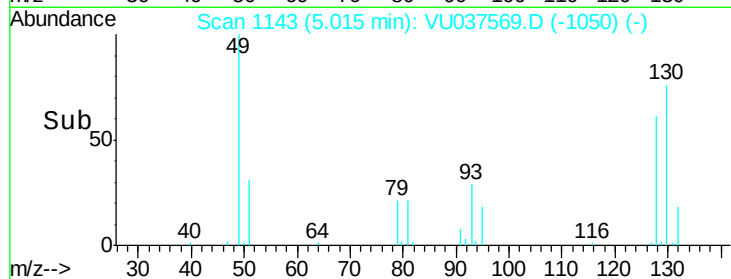
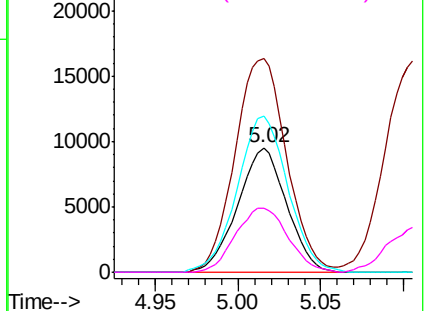
#23
Bromochloromethane
Concen: 26.889 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037569.D
Acq: 03 Apr 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
DBEW1

Tot Ion:128 Resp: 19491
Ion Ratio Lower Upper
128 100
49 171.9 127.3 236.5
130 125.6 93.9 174.5
51 51.3 49.4 74.0

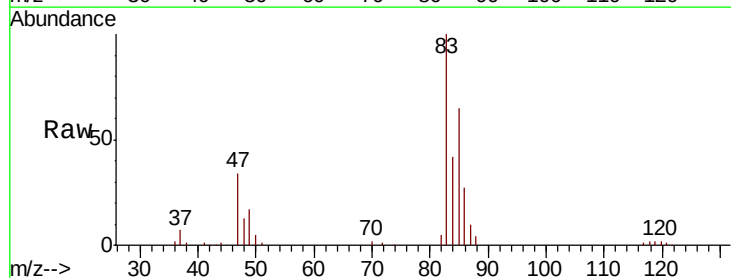


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VU0

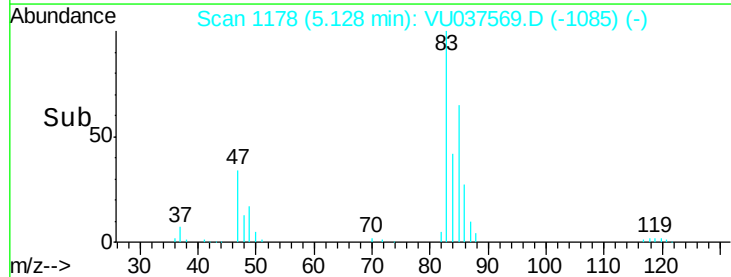
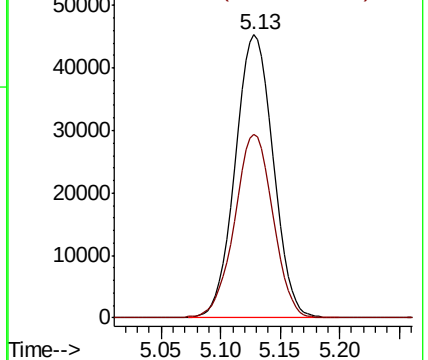


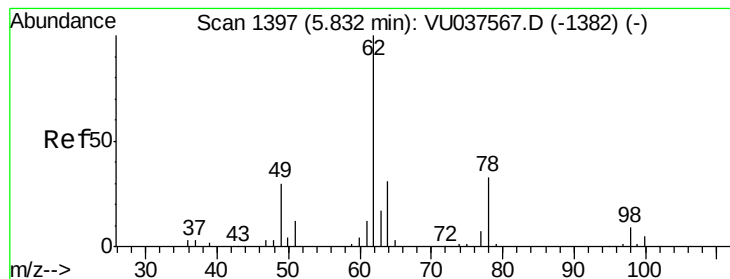
#25
Chloroform
Concen: 37.422 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037569.D
Acq: 03 Apr 2020 15:42

Tgt Ion: 83 Resp: 100252
Ion Ratio Lower Upper
83 100
85 64.9 43.7 81.1



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 45.009 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampled :

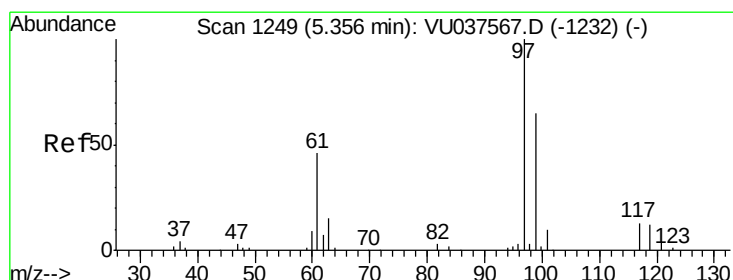
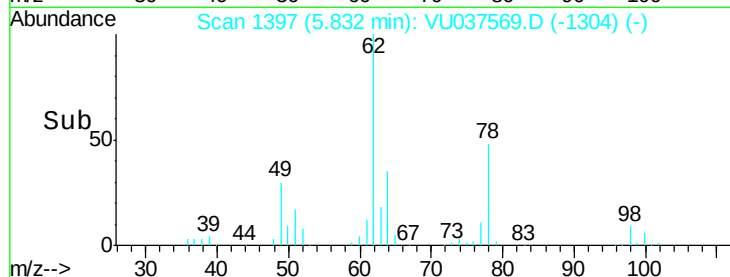
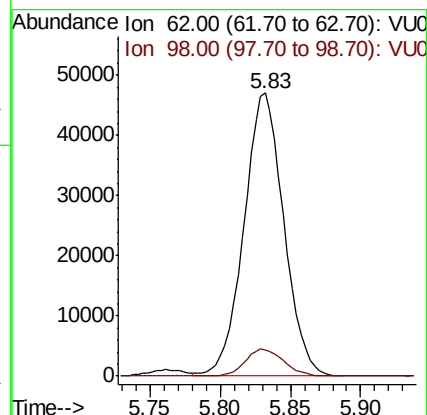
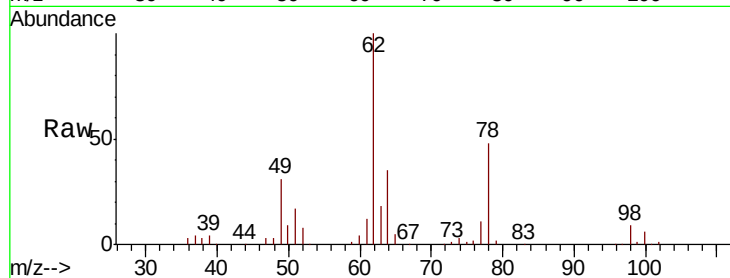
DBEW1

Tot Ion: 62 Resp: 93057

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7



#30

1,1,1-Trichloroethane

Concen: 13.559 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

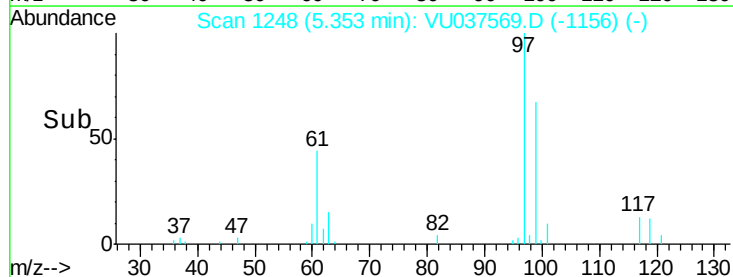
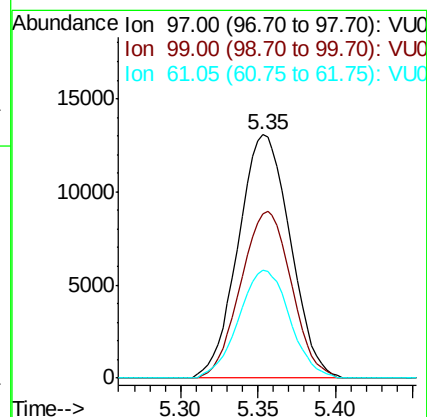
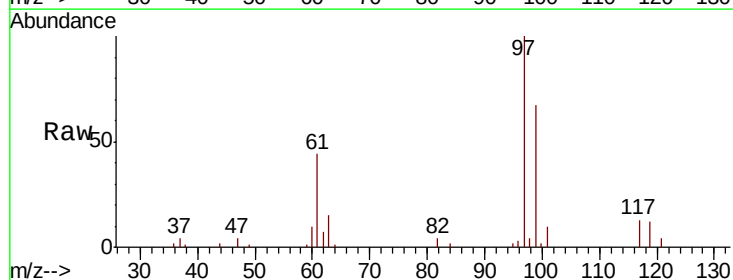
Tgt Ion: 97 Resp: 30553

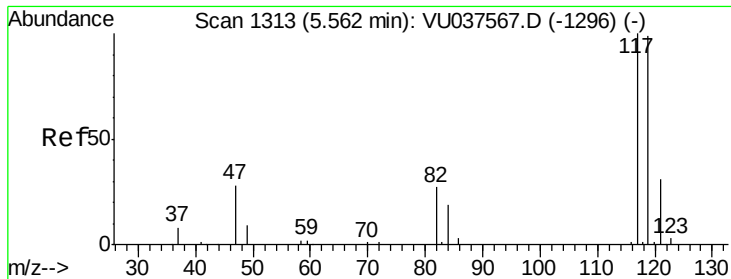
Ion Ratio Lower Upper

97 100

99 66.6 50.6 75.8

61 43.5 35.8 53.8





#31

Carbon tetrachloride

Concen: 40.701 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

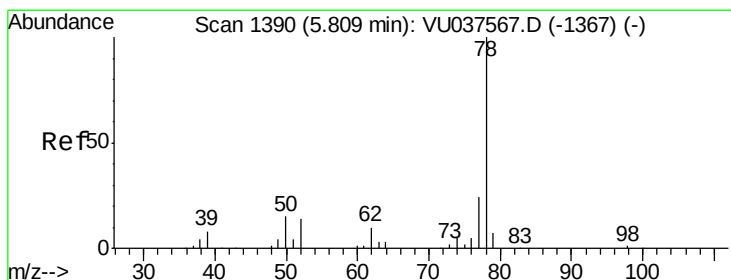
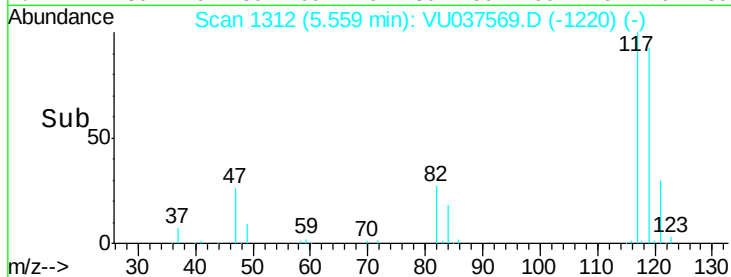
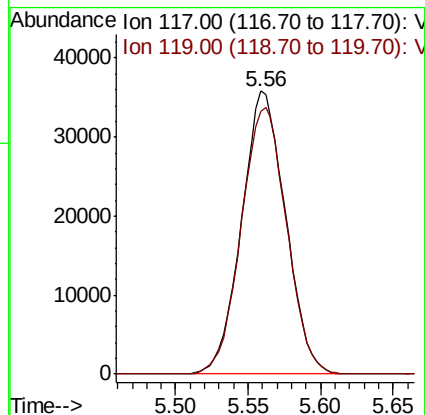
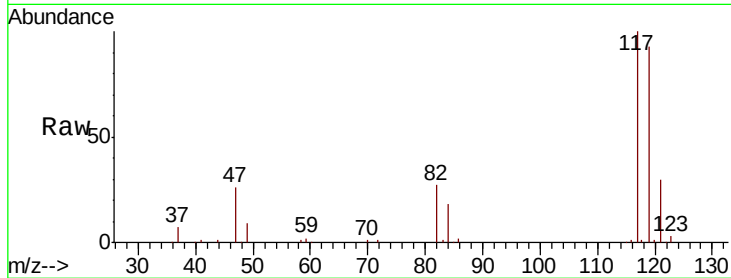
DBEW1

Tot Ion:117 Resp: 75482

Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.8



#33

Benzene

Concen: 31.225 ug/L

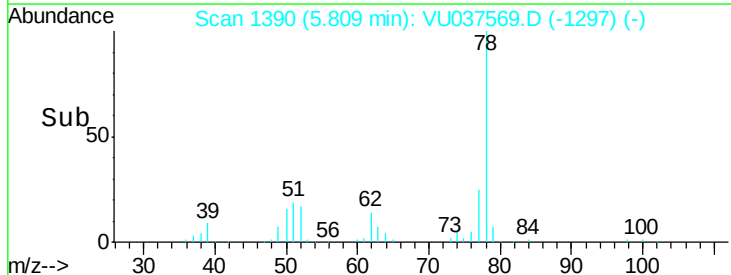
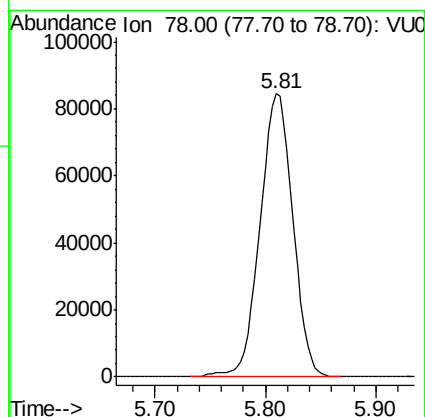
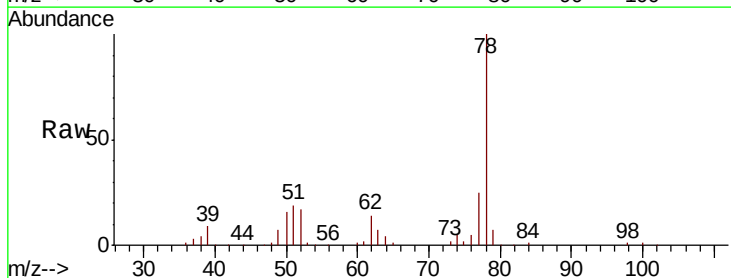
RT: 5.81 min Scan# 1390

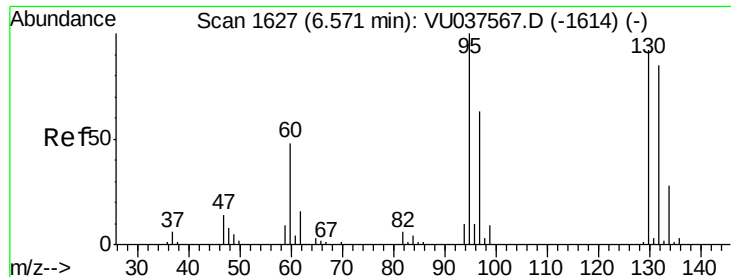
Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Tgt Ion: 78 Resp: 173914





#34

Trichloroethene

Concen: 55.053 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

Tot Ion: 95 Resp: 80179

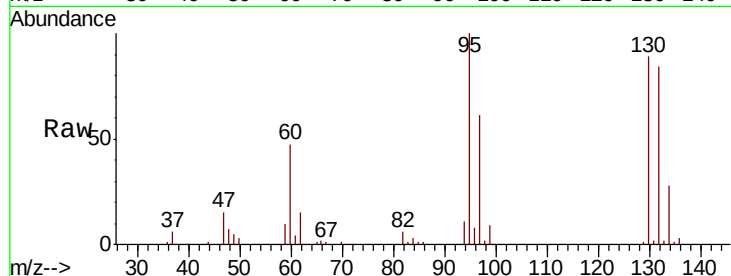
Ion Ratio Lower Upper

95 100

97 61.4 45.2 84.0

132 84.2 63.7 118.3

130 88.9 64.5 119.7

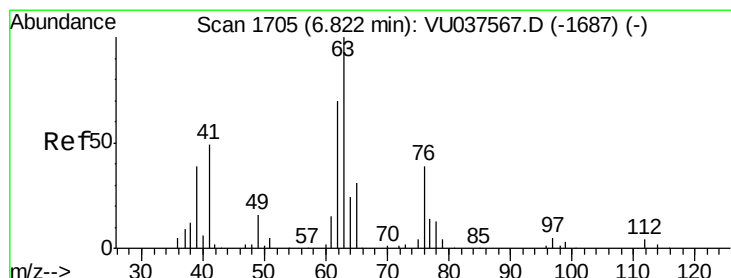
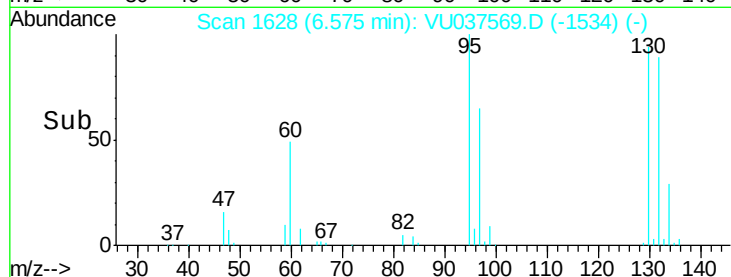
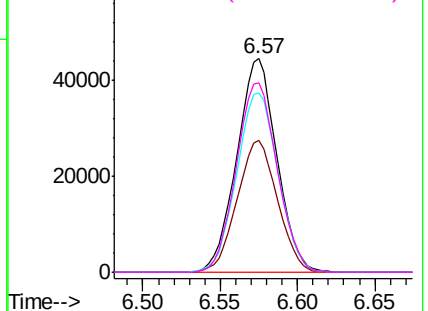


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 25.709 ug/L

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU037569.D

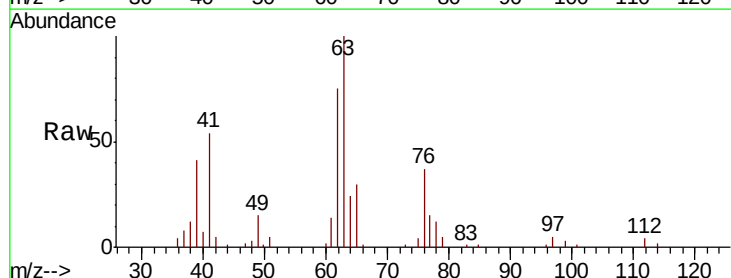
Acq: 03 Apr 2020 15:42

Tgt Ion: 63 Resp: 40799

Ion Ratio Lower Upper

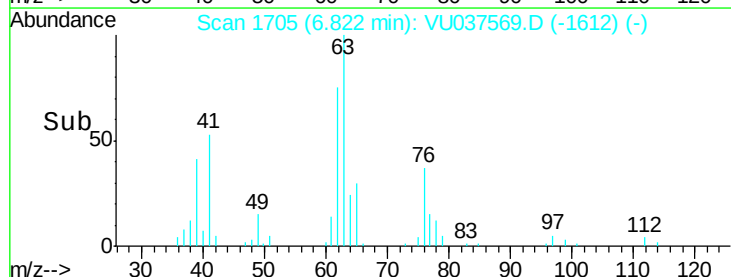
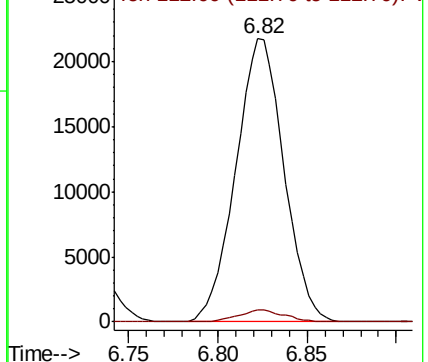
63 100

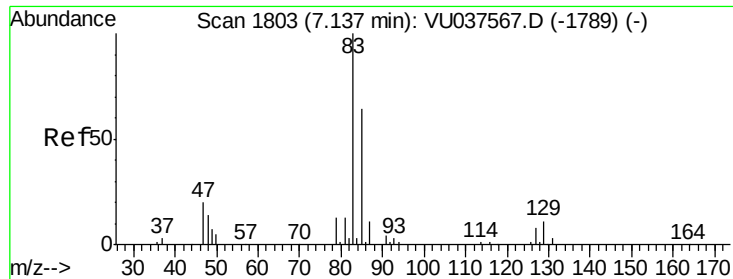
112 4.0 3.1 4.7



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

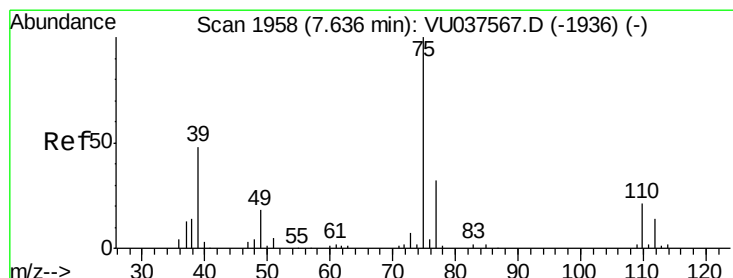
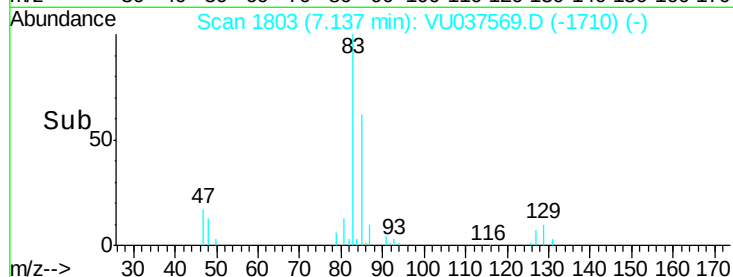
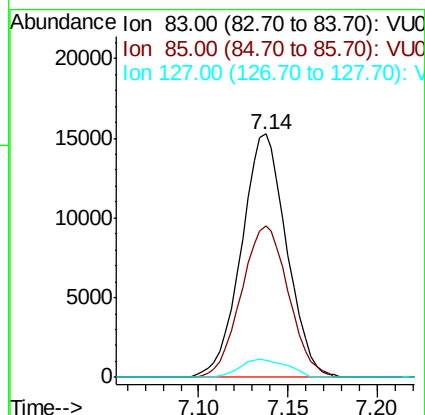
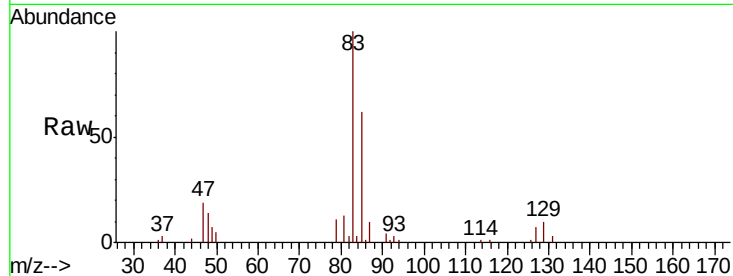




#38
 Bromodichloromethane
 Concen: 13.092 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

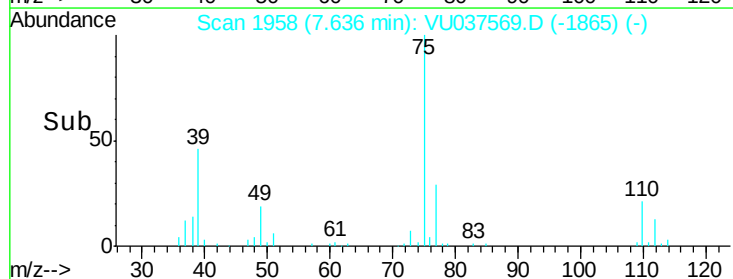
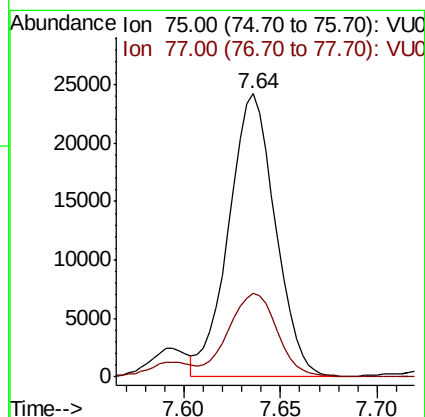
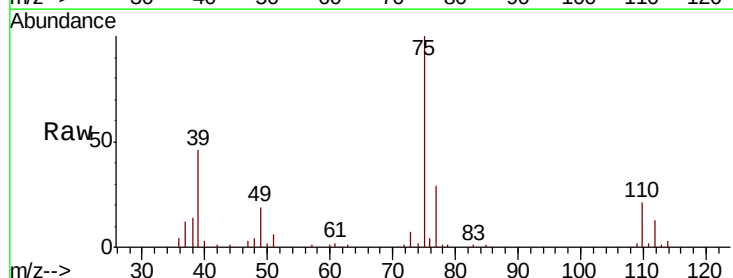
Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW1

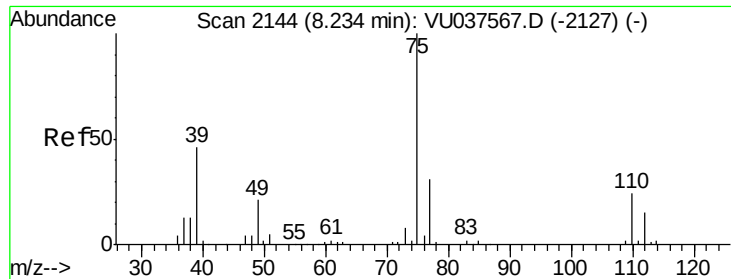
Tot Ion: 83 Resp: 27023
 Ion Ratio Lower Upper
 83 100
 85 62.0 45.2 84.0
 127 7.2 7.0 10.4



#39
 cis-1,3-Dichloropropene
 Concen: 16.363 ug/L
 RT: 7.64 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

Tgt Ion: 75 Resp: 40558
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.5 41.7





#44

trans-1,3-Dichloropropene

Concen: 30.575 ug/L

RT: 8.24 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampled :

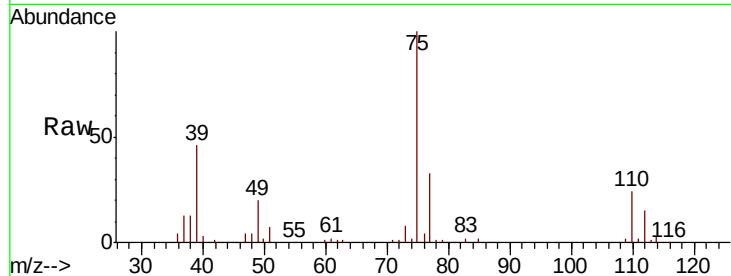
DBEW1

Tot Ion: 75 Resp: 74632

Ion Ratio Lower Upper

75 100

77 33.1 23.4 43.6

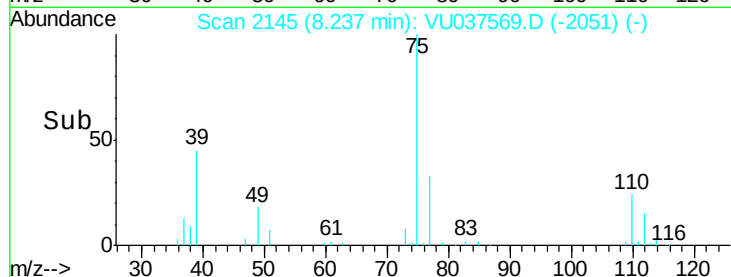


Abundance Ion 75.00 (74.70 to 75.70): VU037567.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU037567.D (-2127) (-)

8.24

Time-->



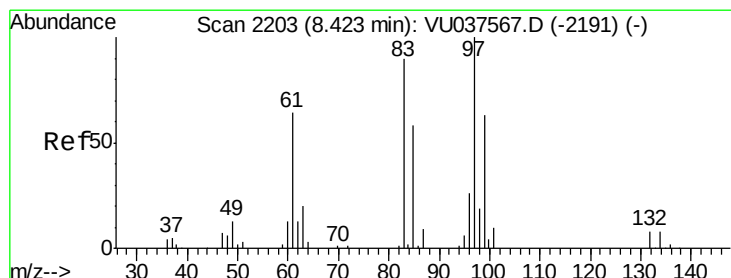
Abundance

Ion 75.00 (74.70 to 75.70): VU037567.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU037567.D (-2127) (-)

8.24

Time-->



#45

1,1,2-Trichloroethane

Concen: 16.994 ug/L

RT: 8.43 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Tgt Ion: 97 Resp: 24623

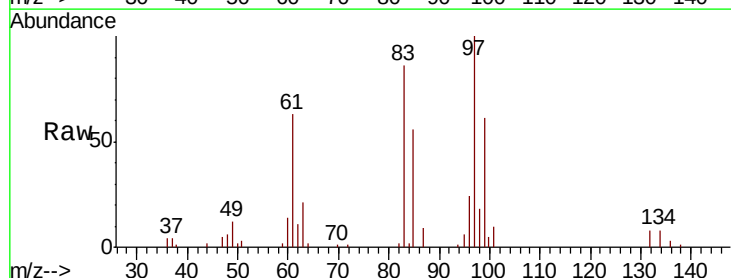
Ion Ratio Lower Upper

97 100

99 60.5 43.3 80.5

83 86.3 60.8 112.8

85 56.0 37.9 70.5



Abundance Ion 97.00 (96.70 to 97.70): VU037567.D (-2191) (-)

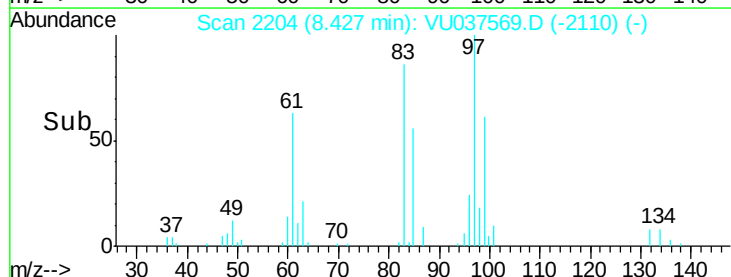
Ion 99.00 (98.70 to 99.70): VU037567.D (-2191) (-)

Ion 83.00 (82.70 to 83.70): VU037567.D (-2191) (-)

Ion 85.00 (84.70 to 85.70): VU037567.D (-2191) (-)

8.43

Time-->



Abundance

Ion 97.00 (96.70 to 97.70): VU037567.D (-2191) (-)

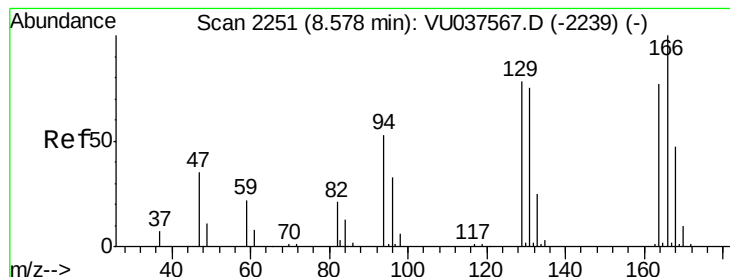
Ion 99.00 (98.70 to 99.70): VU037567.D (-2191) (-)

Ion 83.00 (82.70 to 83.70): VU037567.D (-2191) (-)

Ion 85.00 (84.70 to 85.70): VU037567.D (-2191) (-)

8.43

Time-->



#46

Tetrachloroethene

Concen: 47.949 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

Tot Ion:164 Resp: 46888

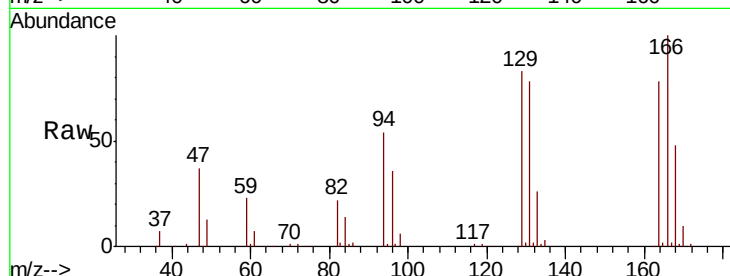
Ion Ratio Lower Upper

164 100

129 106.1 76.5 142.1

131 99.3 71.7 133.1

166 127.5 88.8 165.0

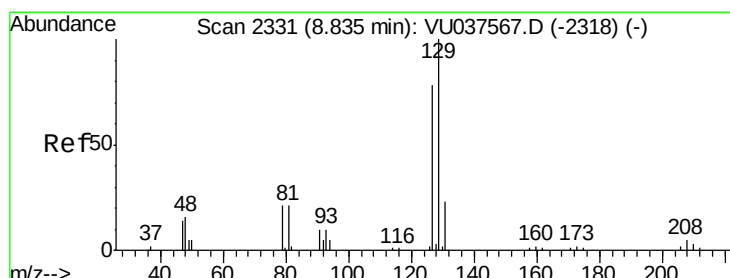
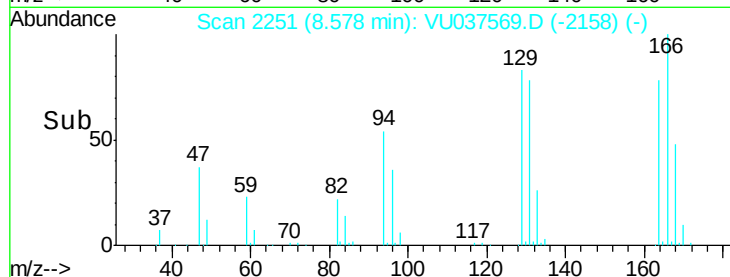
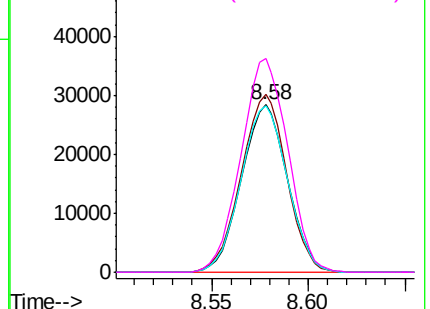


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 26.266 ug/L

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037569.D

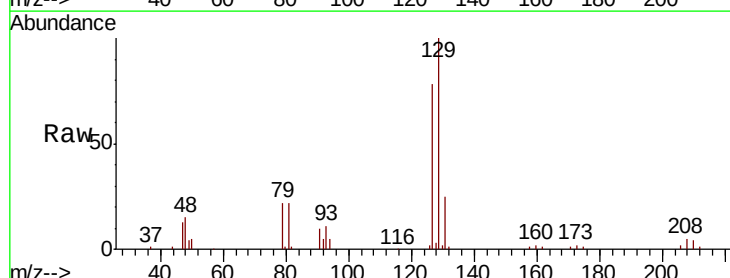
Acq: 03 Apr 2020 15:42

Tgt Ion:129 Resp: 42449

Ion Ratio Lower Upper

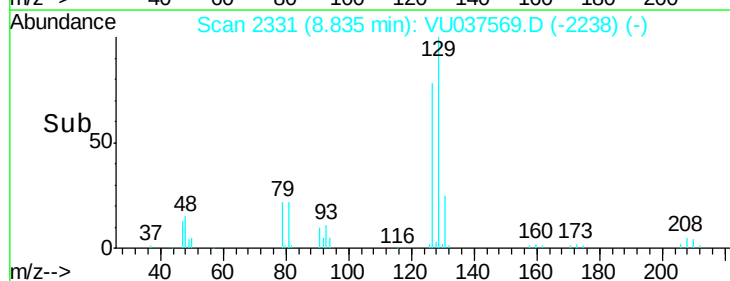
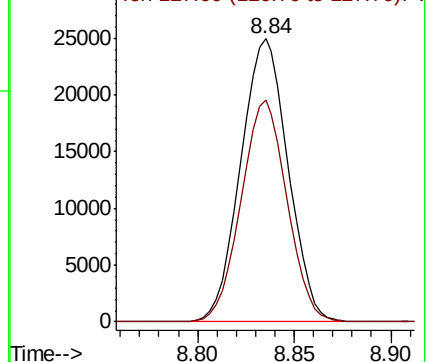
129 100

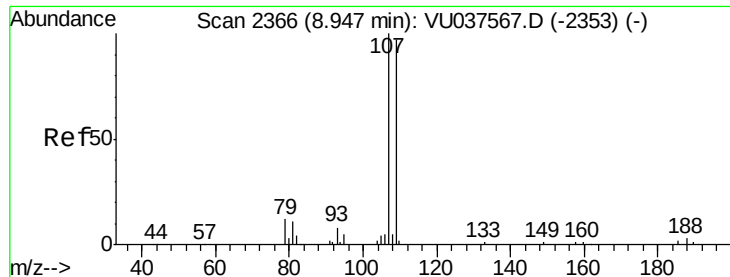
127 78.5 55.0 102.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

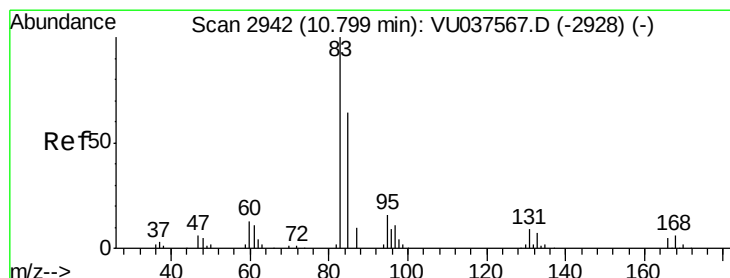
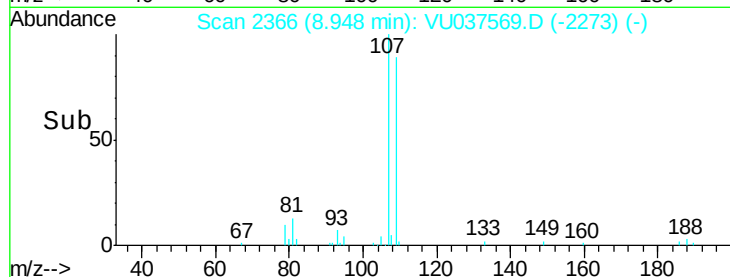
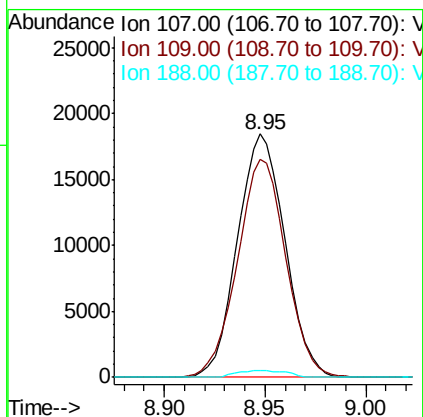
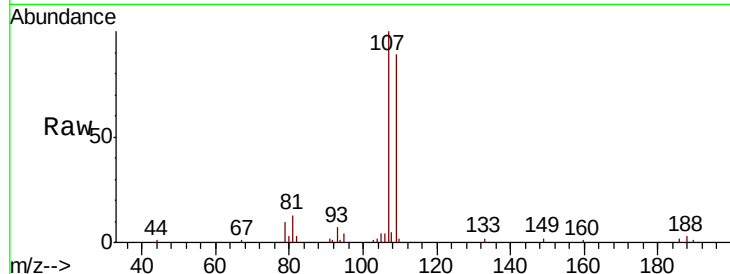




#50
 1,2-Dibromoethane
 Concen: 19.085 ug/L
 RT: 8.95 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

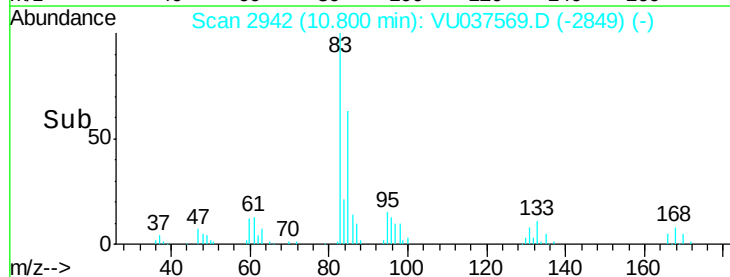
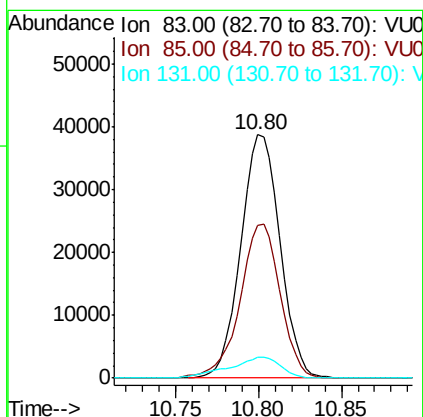
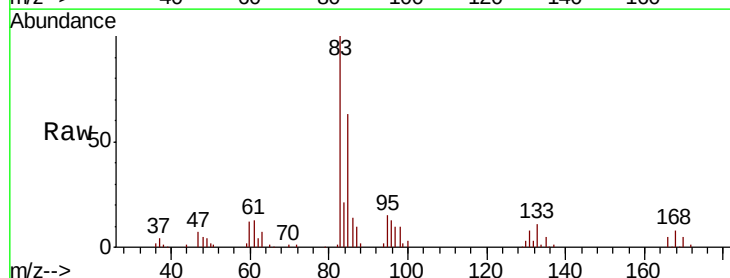
Instrument :
 MSVOA_U
 ClientSampleId :
 DBEW1

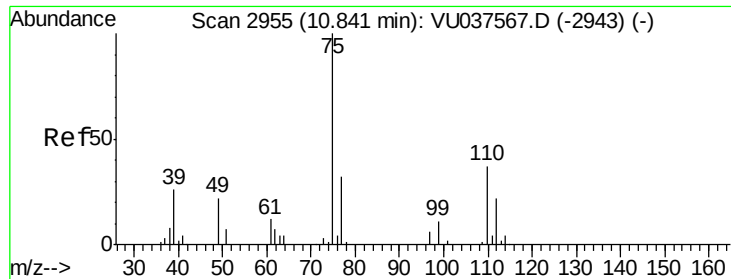
Tot Ion: 107 Resp: 30411
 Ion Ratio Lower Upper
 107 100
 109 89.3 64.1 119.1
 188 3.0 2.3 3.5



#58
 1,1,2,2-Tetrachloroethane
 Concen: 24.421 ug/L
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

Tgt Ion: 83 Resp: 63789
 Ion Ratio Lower Upper
 83 100
 85 63.0 44.2 82.2
 131 8.4 7.2 10.8

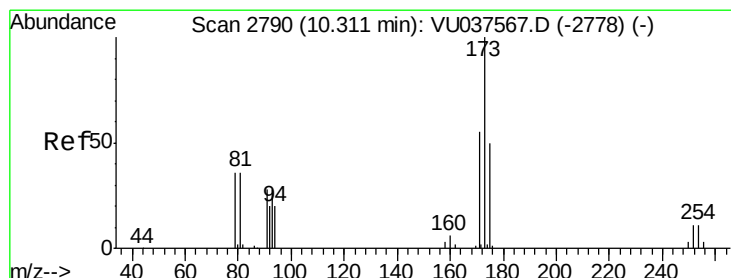
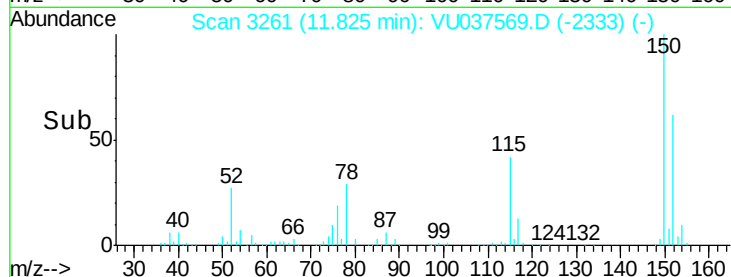
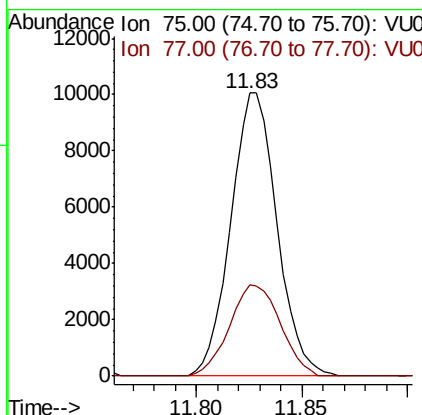
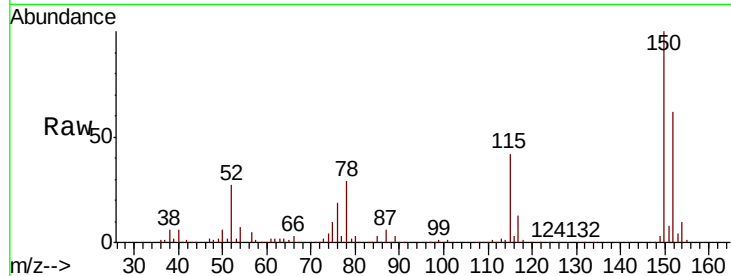




#59
 1,2,3-Trichloropropane
 Concen: 7.510 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

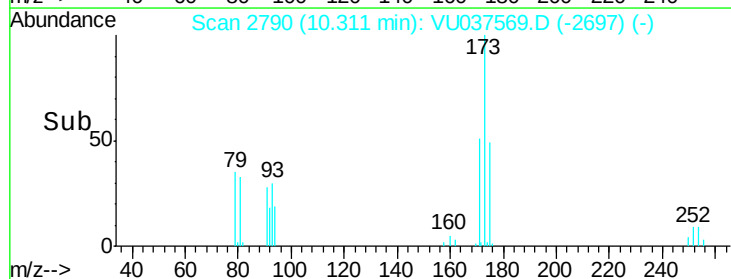
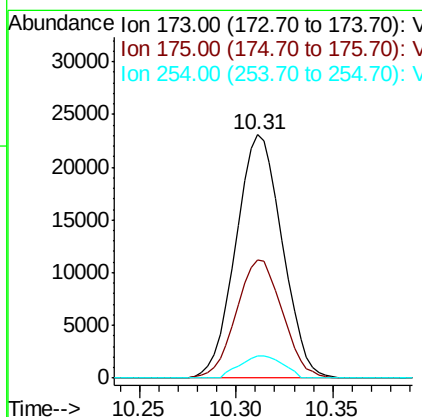
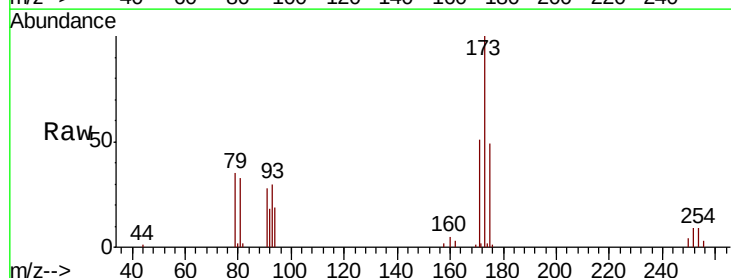
Instrument :
 MSVOA_U
 ClientSampled :
 DBEW1

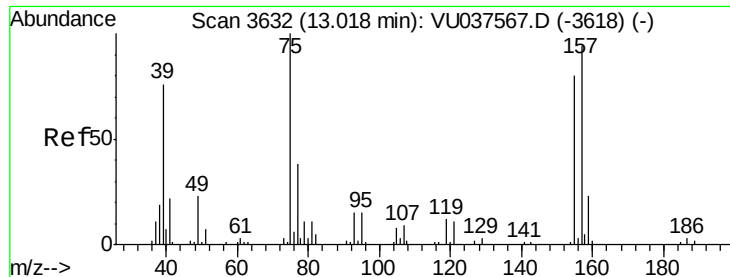
Tot Ion: 75 Resp: 15321
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.5 38.3



#61
 Bromoform
 Concen: 33.327 ug/L
 RT: 10.31 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: VU037569.D
 Acq: 03 Apr 2020 15:42

Tgt Ion: 173 Resp: 38559
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.6 58.0
 254 8.4 7.4 11.2





#66

1,2-Dibromo-3-chloropropane

Concen: 22.406 ug/L

RT: 13.02 min Scan# 3633

Delta R.T. 0.00 min

Lab File: VU037569.D

Acq: 03 Apr 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

DBEW1

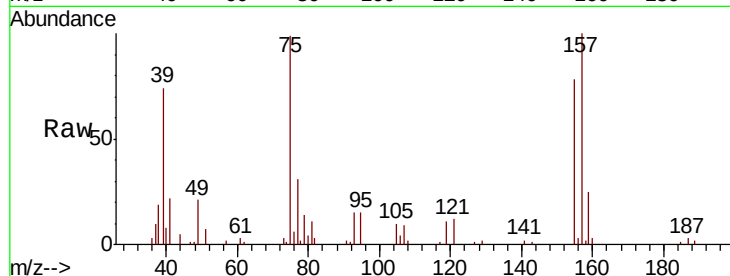
Tot Ion: 75 Resp: 15551

Ion Ratio Lower Upper

75 100

155 78.6 56.6 85.0

157 100.9 72.4 108.6



Abundance Ion 75.00 (74.70 to 75.70): VU037569.D (-3508) (-)

Ion 155.00 (154.70 to 155.70): VU037569.D (-3508) (-)

Ion 157.00 (156.70 to 157.70): VU037569.D (-3508) (-)

