

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037501.D
 Acq On : 31 Mar 2020 16:08
 Operator : JC/MD
 Sample : L2002-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	88055	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31646	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	27051	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	65535	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.69	46	104166	49.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	5.11	84	62829	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	33818	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.76	84	122530	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	41914	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	112200	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	17946	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.66	63	85965	49.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33728	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	38621	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	17155	2.431	ug/L	99
3) Chloromethane	1.53	50	46353	6.548	ug/L	98
5) Vinyl chloride	1.62	62	36725	4.808	ug/L	97
6) Bromomethane	1.87	94	18848	4.852	ug/L	94
8) Chloroethane	1.95	64	19437	4.440	ug/L	100
9) Trichlorofluoromethane	2.16	101	93982	8.843	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	26162	4.256	ug/L	98
12) 1,1-Dichloroethene	2.60	96	33967	5.432	ug/L	97
16) Methylene chloride	3.08	84	22012	3.154	ug/L	94
17) Methyl tert-butyl Ether	3.40	73	88249	5.110	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	41345	6.327	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	44021	6.059	ug/L	93
23) Bromochloromethane	5.02	128	5686	1.897	ug/L	98
25) Chloroform	5.13	83	54910	4.397	ug/L	96
27) 1,2-Dichloroethane	5.83	62	39105	4.627	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	54641	4.891	ug/L	100
31) Carbon tetrachloride	5.56	117	44571	4.841	ug/L	98

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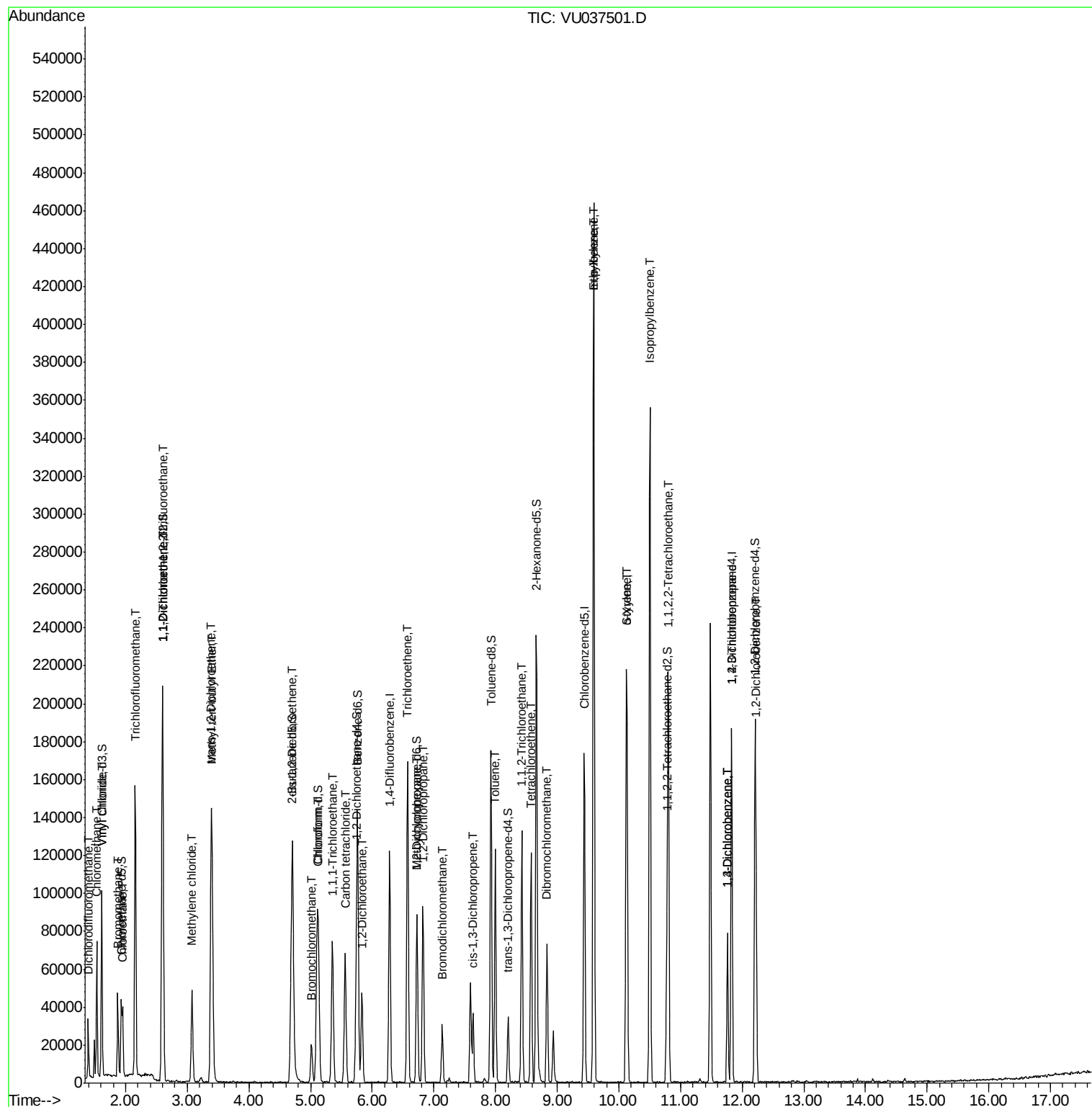
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	57397	7.859	ug/L	97
35) Methylcyclohexane	6.73	83	9506	0.795	ug/L #	17
37) 1,2-Dichloropropane	6.82	63	34976	4.811	ug/L	100
38) Bromodichloromethane	7.14	83	19113	1.989	ug/L	93
39) cis-1,3-Dichloropropene	7.64	75	19932	1.764	ug/L	94
42) Toluene	8.00	91	85034	2.941	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	39768	7.668	ug/L	98
47) Tetrachloroethene	8.58	164	22847	4.767	ug/L	92
49) Dibromochloromethane	8.83	129	34887	5.495	ug/L	91
52) Ethylbenzene	9.59	91	325156	9.678	ug/L	99
53) m,p-Xylene	9.59	106	96989	7.765	ug/L #	24
54) o-Xylene	10.12	106	36050	3.045	ug/L	98
55) Styrene	10.13	104	62536	3.034	ug/L	98
56) Isopropylbenzene	10.50	105	219050	6.855	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	31890	4.527	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	6808	1.362	ug/L	93
62) 1,3-Dichlorobenzene	11.76	146	27282	1.896	ug/L	98
63) 1,4-Dichlorobenzene	11.76	146	27282	1.873	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	26140	1.930	ug/L	98

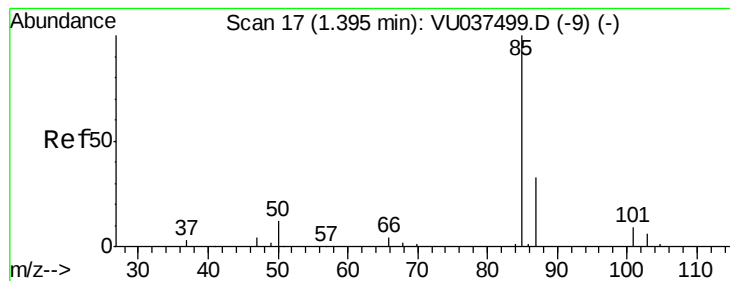
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.431 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

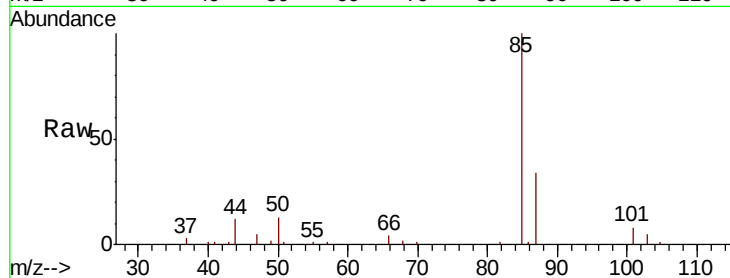
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 85 Resp: 17155

Ion Ratio Lower Upper

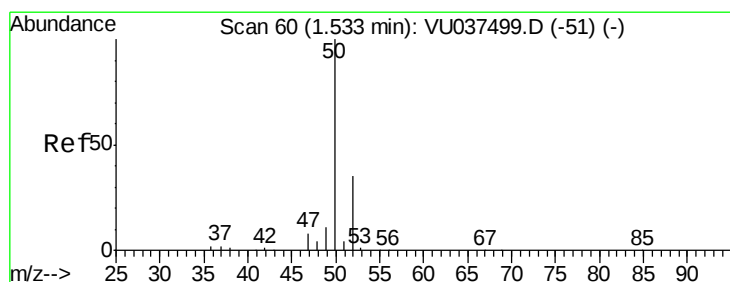
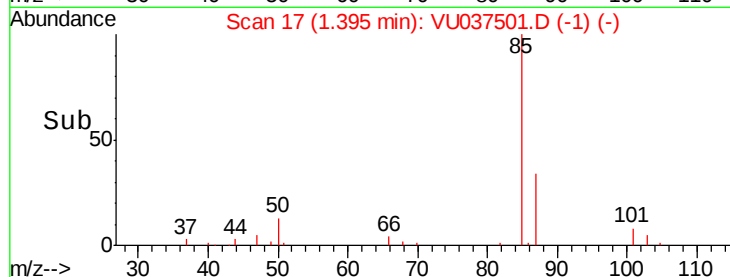
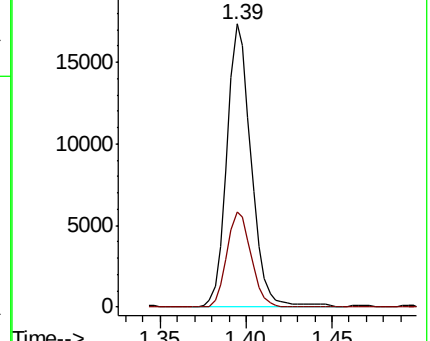
85 100

87 33.4 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU037499.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU037499.D (-9) (-)



#3

Chloromethane

Concen: 6.548 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037501.D

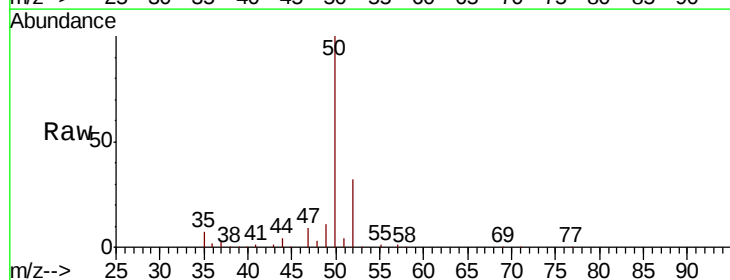
Acq: 31 Mar 2020 16:08

Tgt Ion: 50 Resp: 46353

Ion Ratio Lower Upper

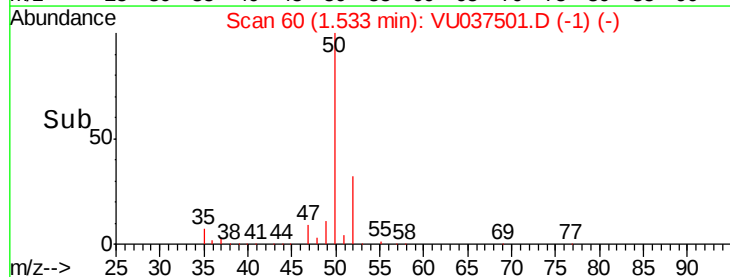
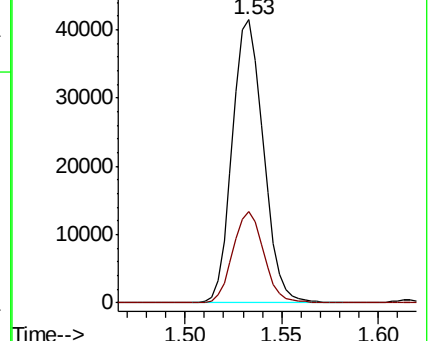
50 100

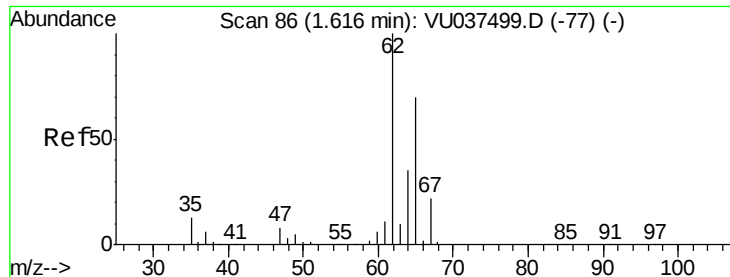
52 32.3 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VU037499.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU037499.D (-51) (-)





#5

Vinyl chloride

Concen: 4.808 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

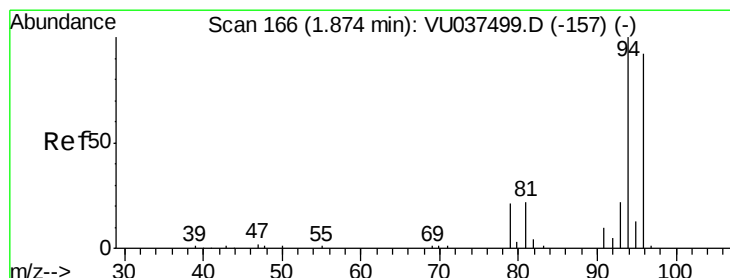
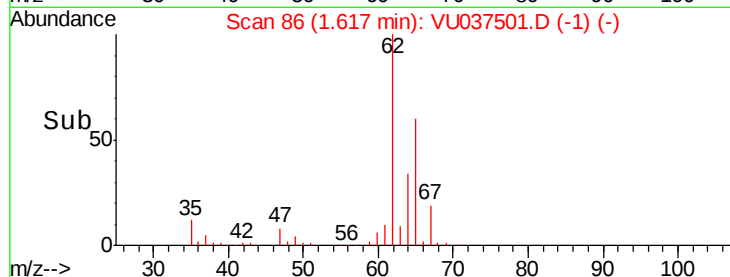
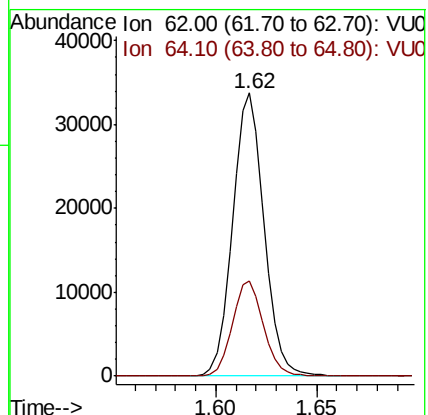
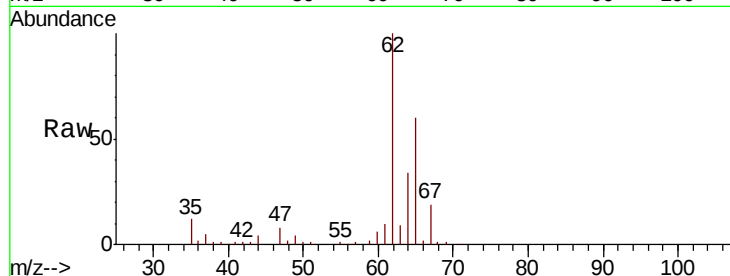
ClientSampleId :

Tot Ion: 62 Resp: 36725

Ion Ratio Lower Upper

62 100

64 33.7 24.8 46.0



#6

Bromomethane

Concen: 4.852 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037501.D

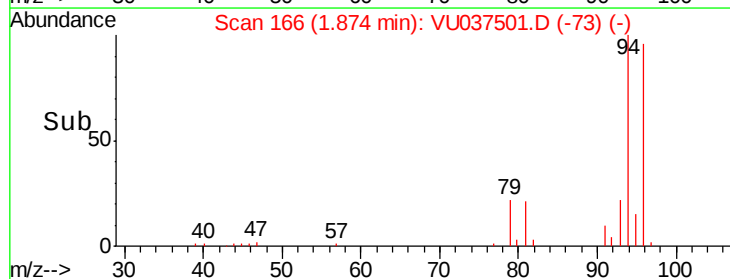
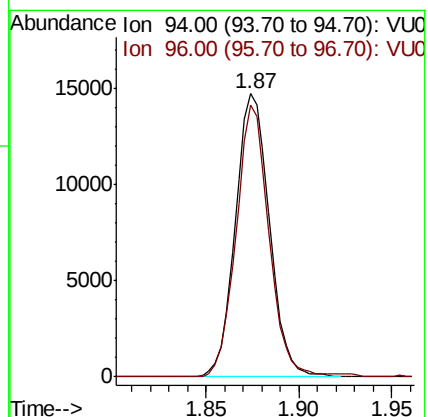
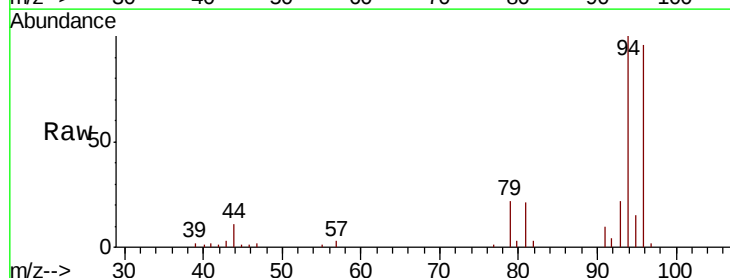
Acq: 31 Mar 2020 16:08

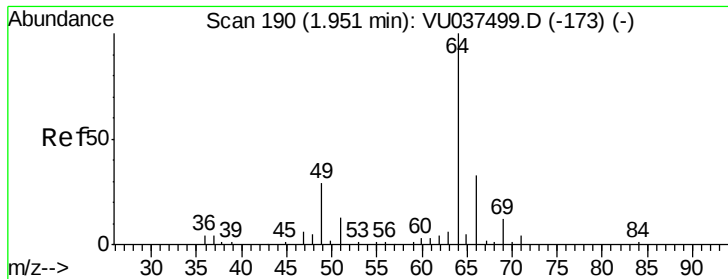
Tgt Ion: 94 Resp: 18848

Ion Ratio Lower Upper

94 100

96 95.9 63.2 117.4





#8

Chloroethane

Concen: 4.440 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

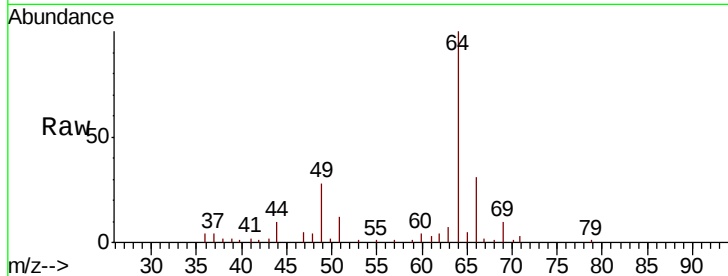
ClientSampleId :

Tot Ion: 64 Resp: 19437

Ion Ratio Lower Upper

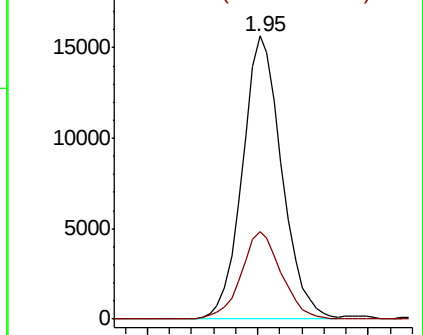
64 100

66 31.2 21.6 40.2

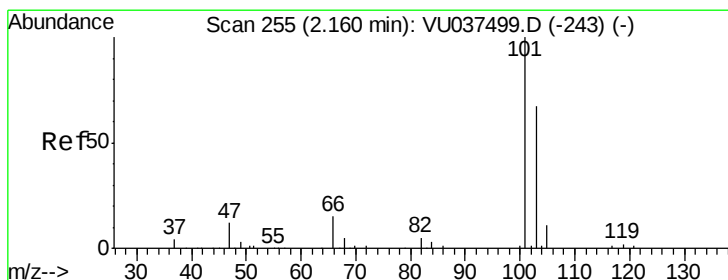
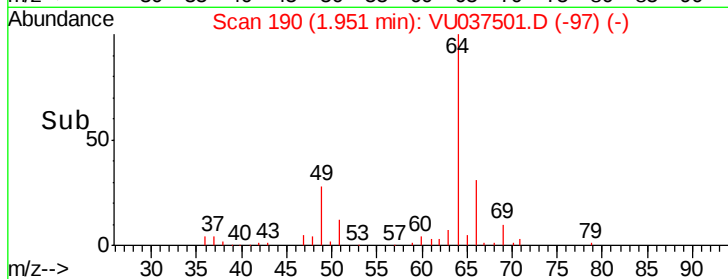


Abundance Ion 64.10 (63.80 to 64.80): VU037499.D (-173) (-)

Ion 66.05 (65.75 to 66.75): VU037499.D (-173) (-)



Time-->



#9

Trichlorofluoromethane

Concen: 8.843 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU037501.D

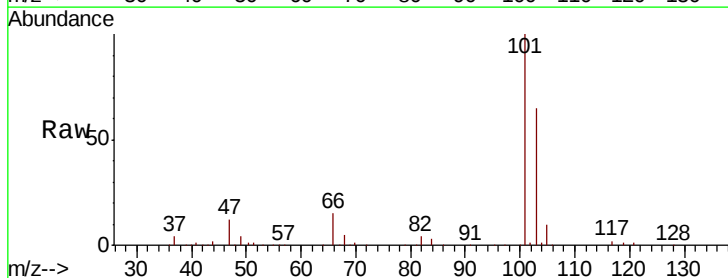
Acq: 31 Mar 2020 16:08

Tgt Ion:101 Resp: 93982

Ion Ratio Lower Upper

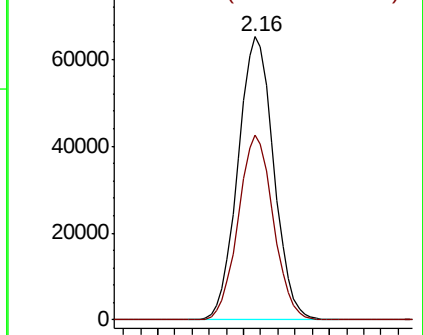
101 100

103 63.9 52.3 78.5

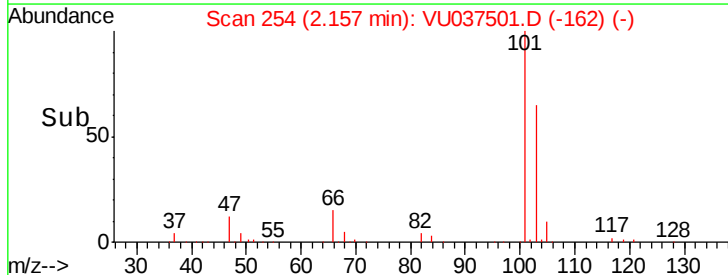


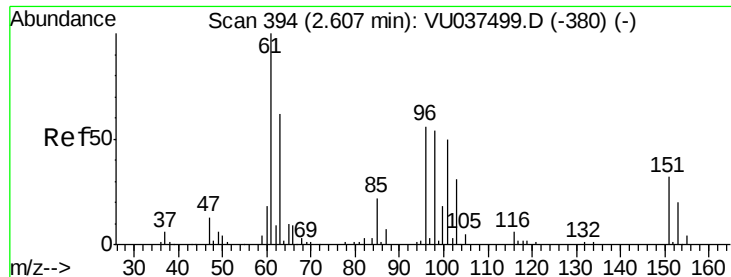
Abundance Ion 101.00 (100.70 to 101.70): VU037499.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU037499.D (-243) (-)



Time-->





#10

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

Concen: 4.256 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

ClientSampleId :

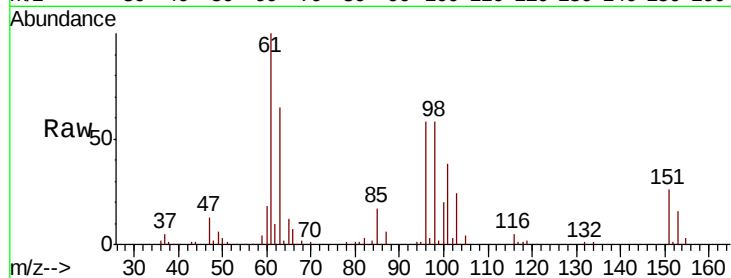
Tot Ion:101 Resp: 26162

Ion Ratio Lower Upper

101 100

85 45.1 36.6 54.8

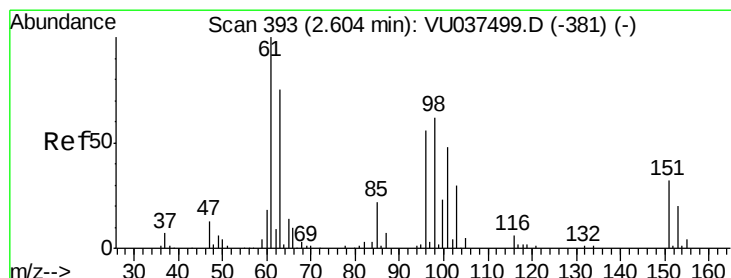
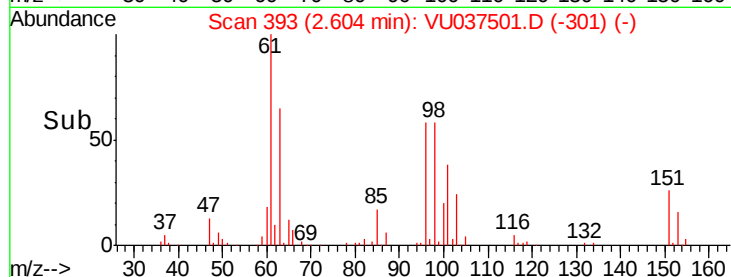
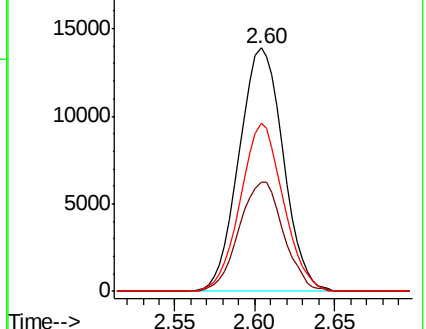
151 67.0 55.9 83.9



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: 5.432 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

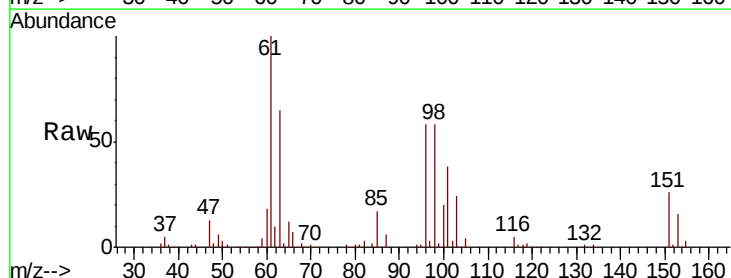
Tgt Ion: 96 Resp: 33967

Ion Ratio Lower Upper

96 100

61 172.5 116.2 215.8

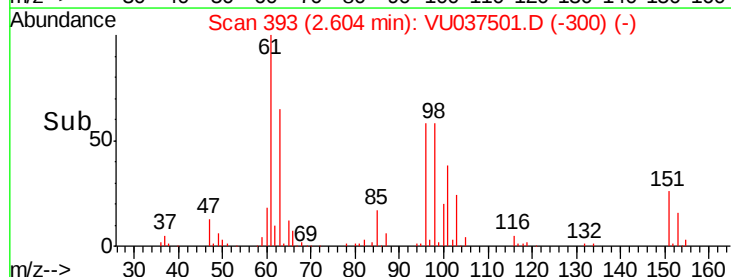
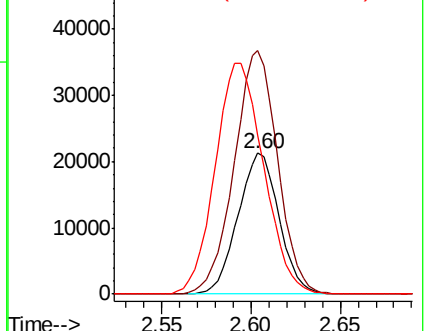
63 112.8 79.2 147.0

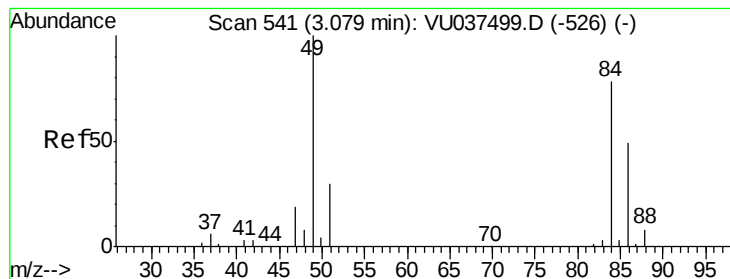


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methvlene chloride

Concen: 3.154 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

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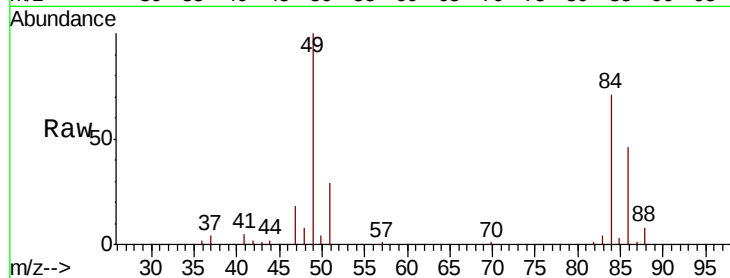
Tot Ion: 84 Resp: 22012

Ion Ratio Lower Upper

84 100

86 65.0 44.7 82.9

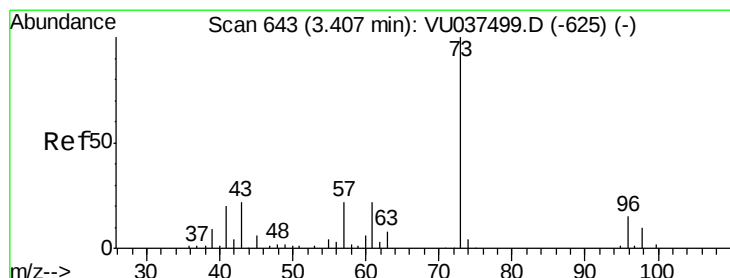
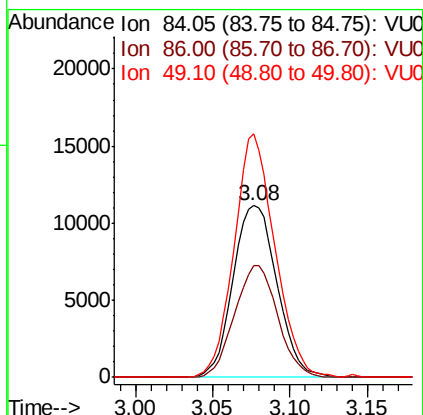
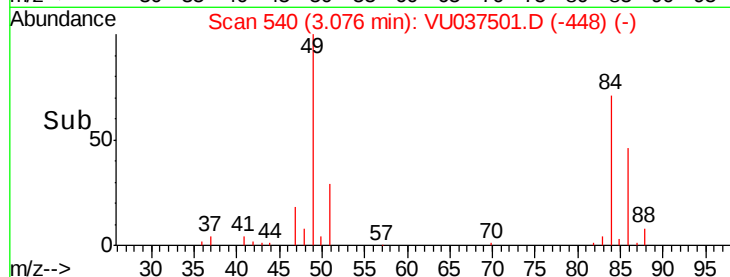
49 141.7 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#17

Methyl tert-butyl Ether

Concen: 5.110 ug/L

RT: 3.40 min Scan# 642

Delta R.T. -0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

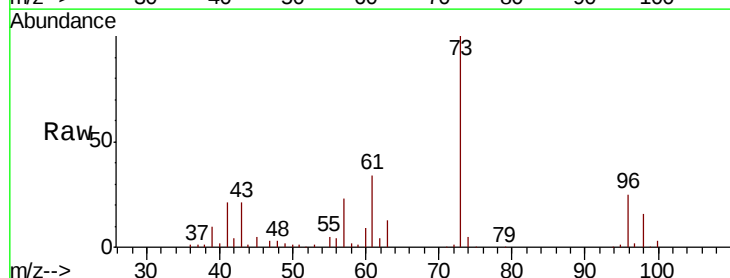
Tgt Ion: 73 Resp: 88249

Ion Ratio Lower Upper

73 100

43 21.4 17.4 26.2

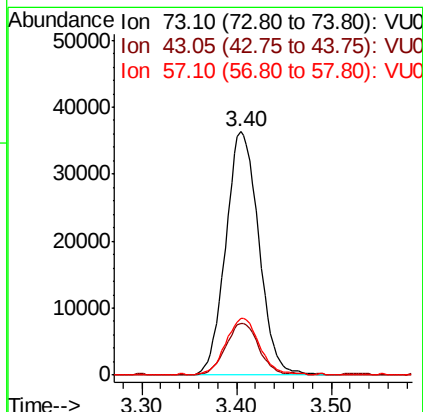
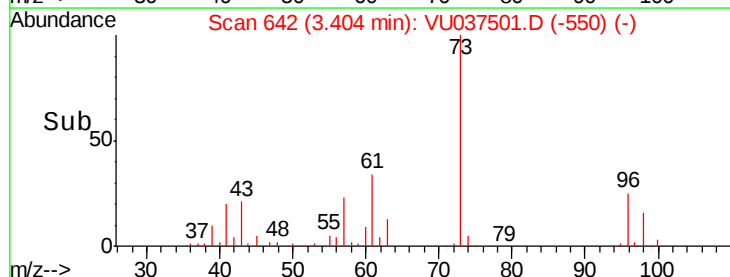
57 23.9 19.3 28.9

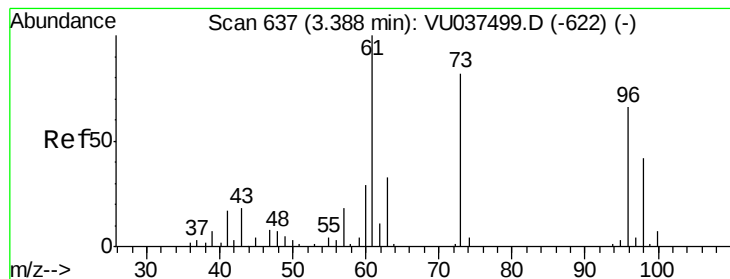


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 6.327 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

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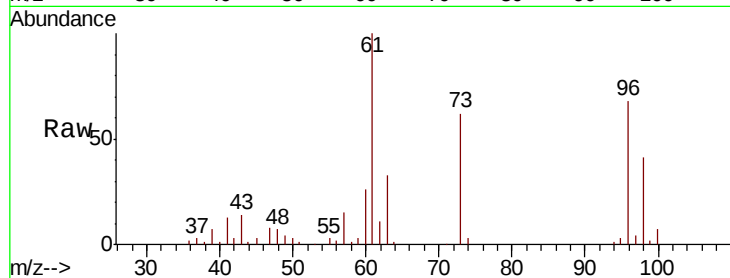
Tot Ion: 96 Resp: 41345

Ion Ratio Lower Upper

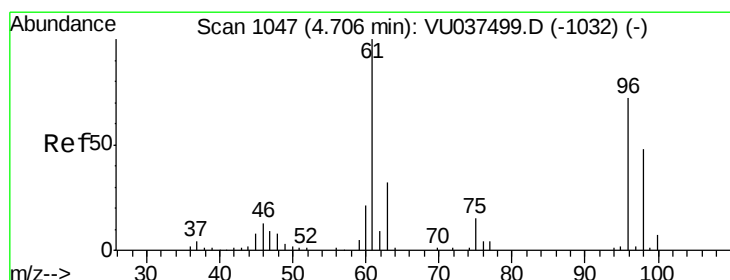
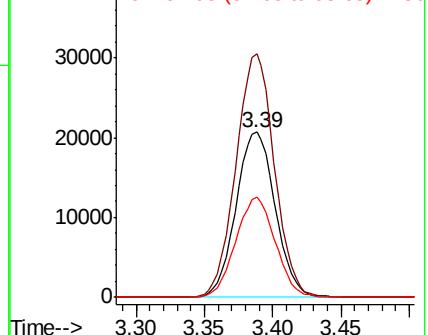
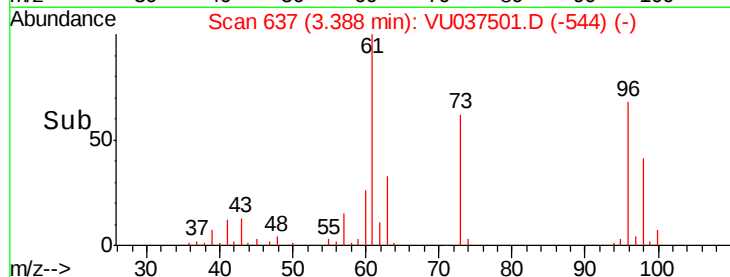
96 100

61 147.3 105.3 195.6

98 60.4 42.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VU037501.D (-544) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.059 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

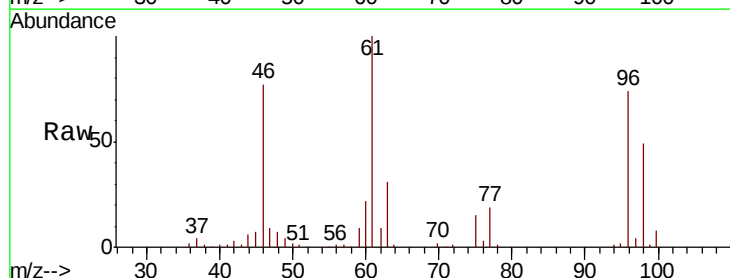
Tgt Ion: 96 Resp: 44021

Ion Ratio Lower Upper

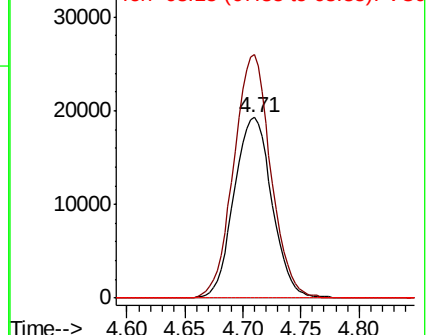
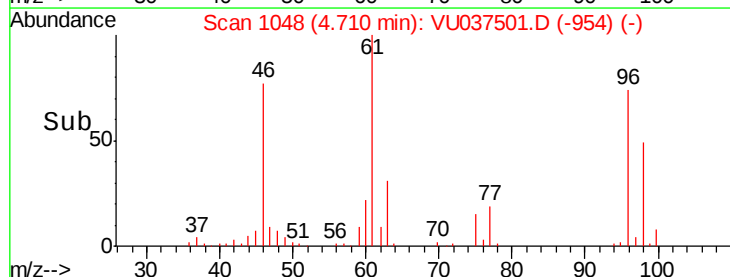
96 100

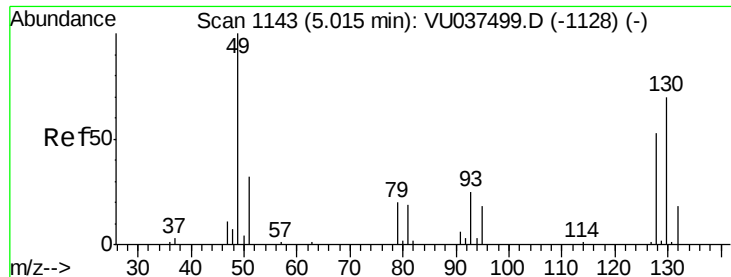
61 134.9 89.1 165.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037501.D (-954) (-)

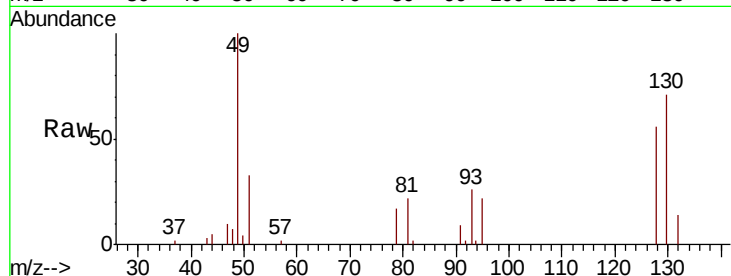




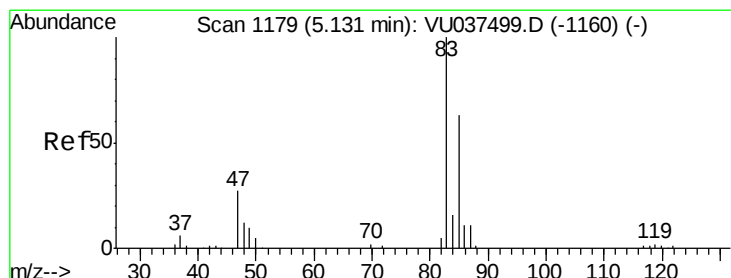
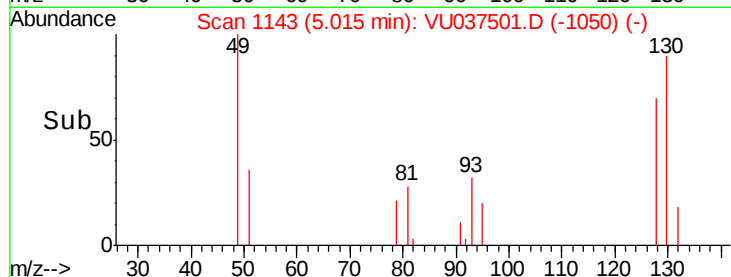
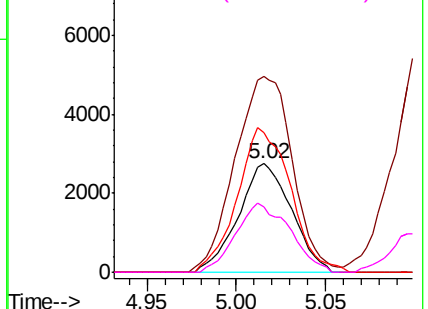
#23
Bromochloromethane
Concen: 1.897 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 5686
Ion Ratio Lower Upper
128 100
49 187.7 132.4 245.8
130 128.6 88.6 164.6
51 60.3 45.4 68.0

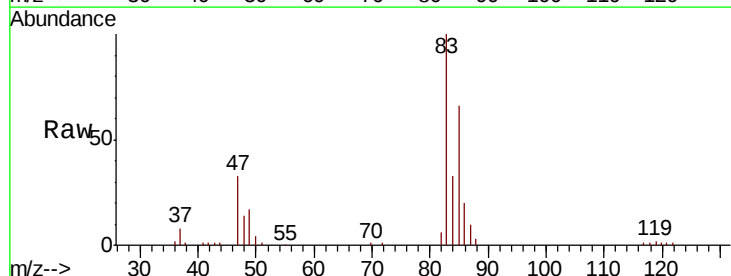


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VU0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VU0

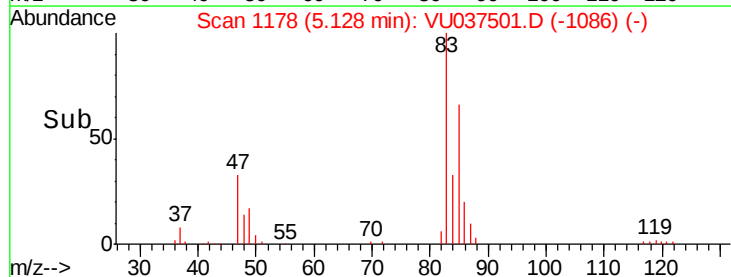
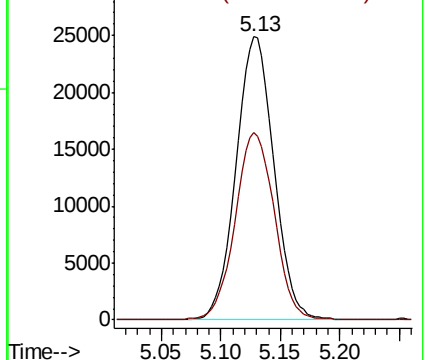


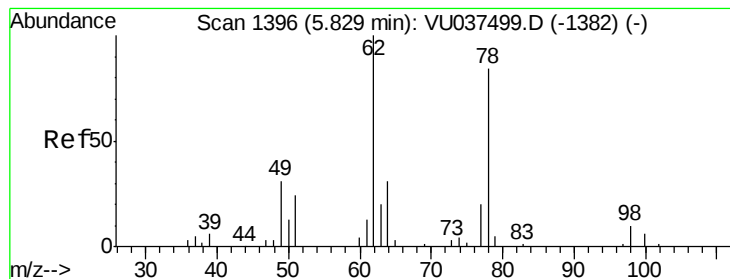
#25
Chloroform
Concen: 4.397 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Tgt Ion: 83 Resp: 54910
Ion Ratio Lower Upper
83 100
85 66.0 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 4.627 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

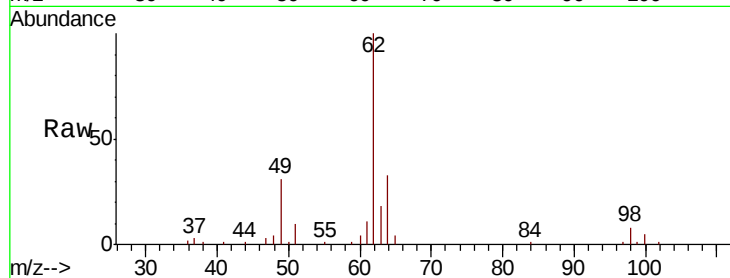
ClientSampleId :

Tot Ion: 62 Resp: 39105

Ion Ratio Lower Upper

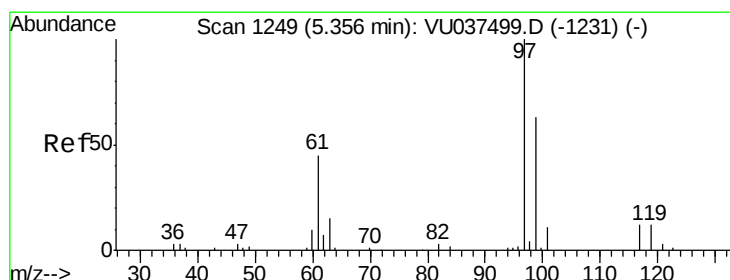
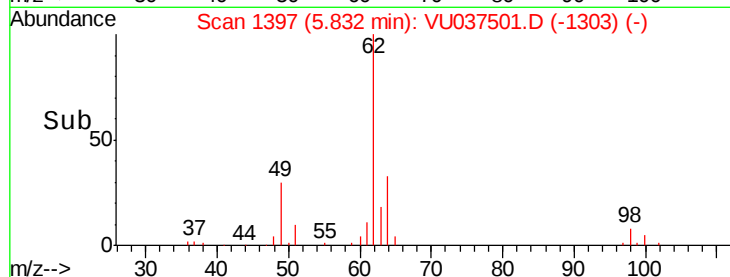
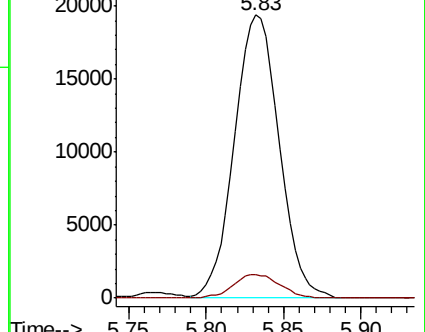
62 100

98 8.3 6.3 9.5



Abundance Ion 62.00 (61.70 to 62.70): VU037499.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU037499.D (-1382) (-)



#29

1,1,1-Trichloroethane

Concen: 4.891 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

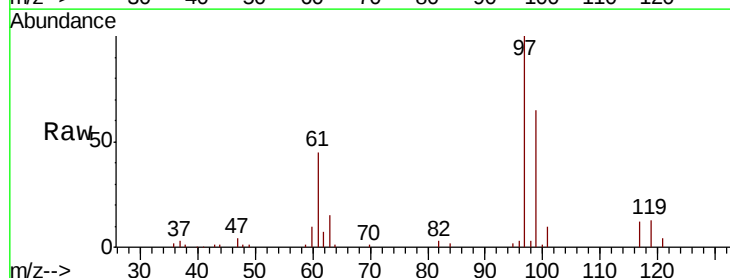
Tgt Ion: 97 Resp: 54641

Ion Ratio Lower Upper

97 100

99 63.8 50.9 76.3

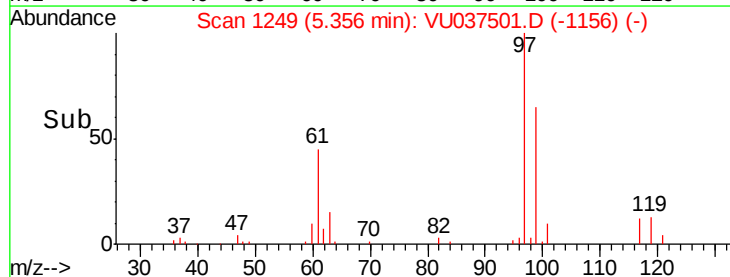
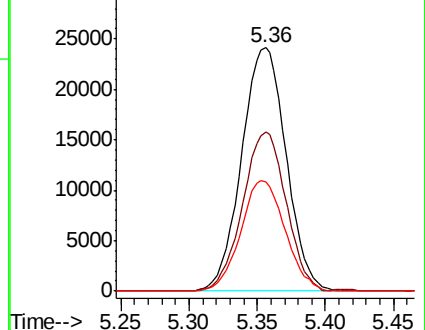
61 45.2 36.5 54.7

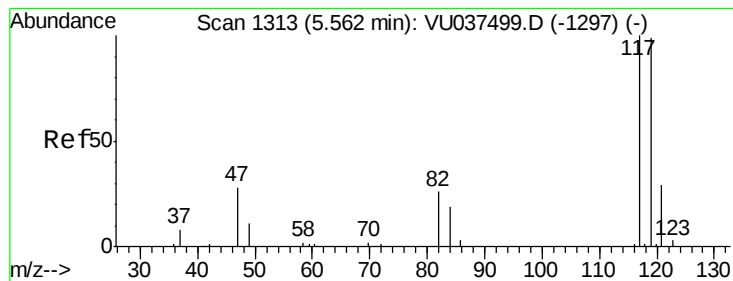


Abundance Ion 96.95 (96.65 to 97.65): VU037499.D (-1231) (-)

Ion 99.05 (98.75 to 99.75): VU037499.D (-1231) (-)

Ion 61.05 (60.75 to 61.75): VU037499.D (-1231) (-)





#31

Carbon tetrachloride

Concen: 4.841 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

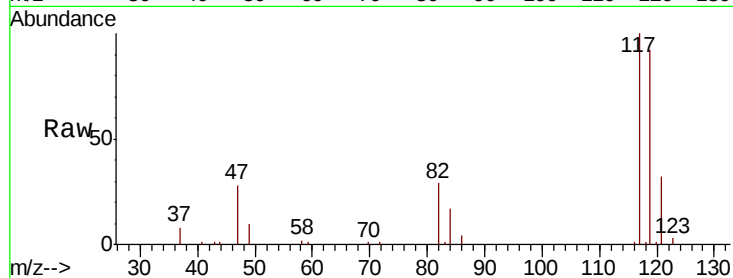
ClientSampleId :

Tot Ion:117 Resp: 44571

Ion Ratio Lower Upper

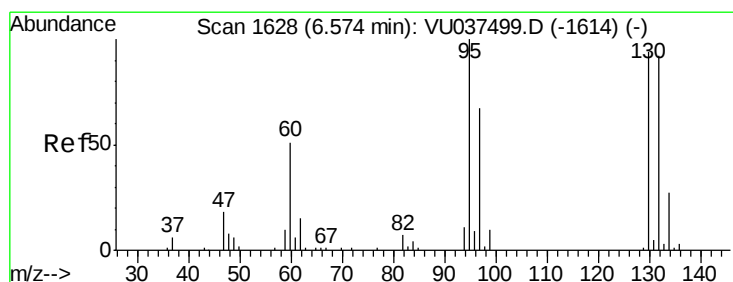
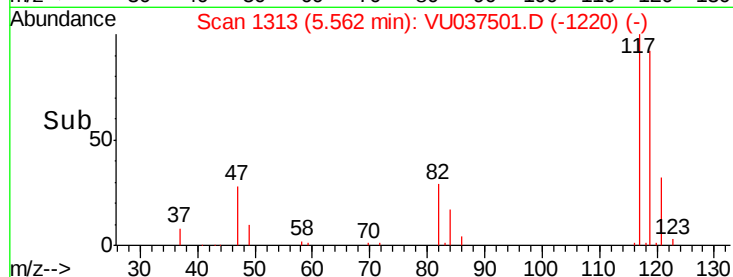
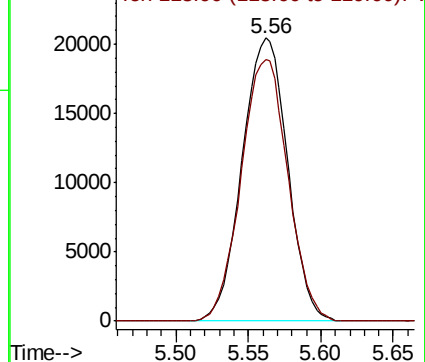
117 100

119 95.2 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 7.859 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Tgt Ion: 95 Resp: 57397

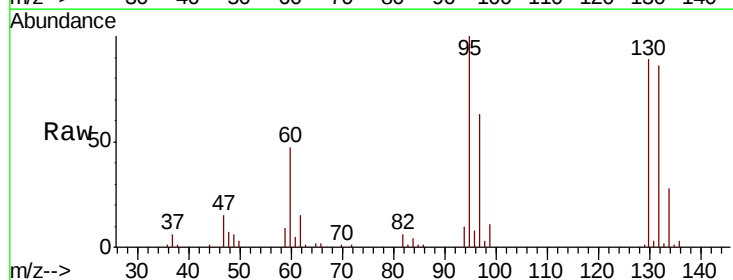
Ion Ratio Lower Upper

95 100

97 63.2 41.8 77.6

132 86.1 59.8 111.0

130 88.7 65.0 120.8

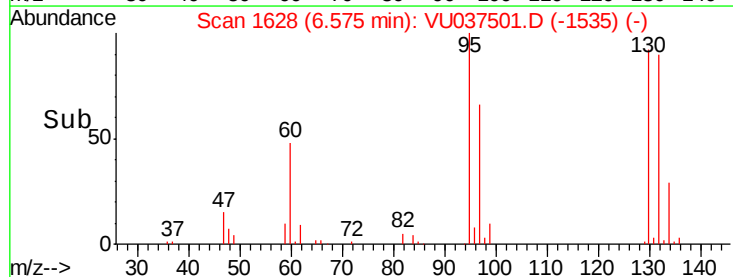
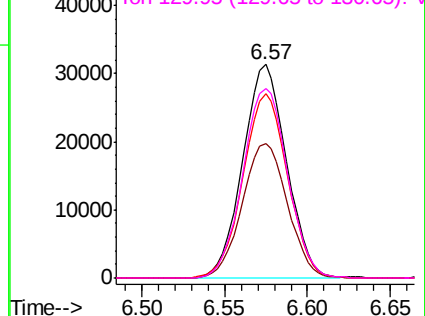


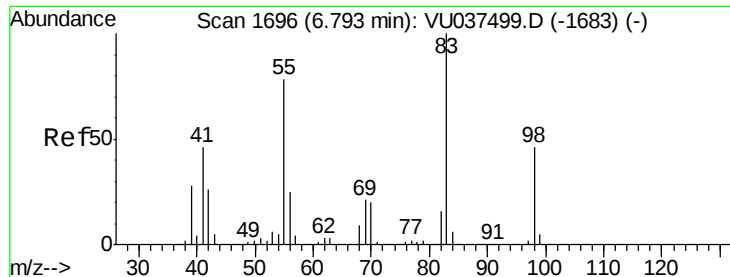
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

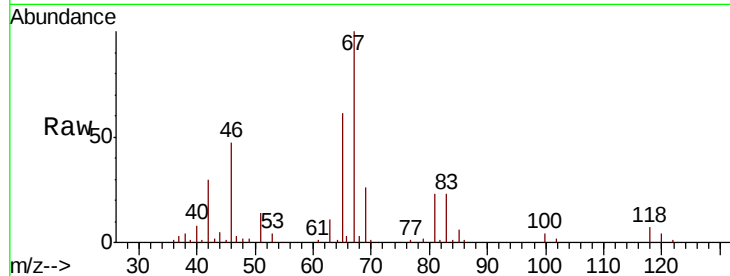




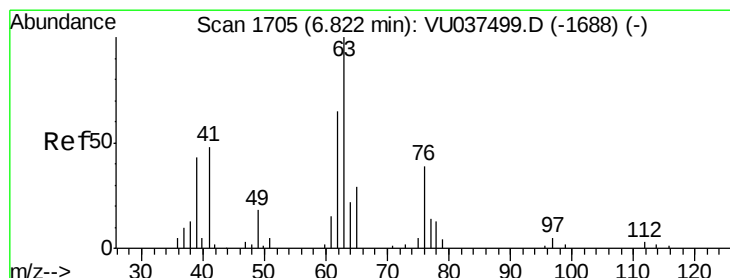
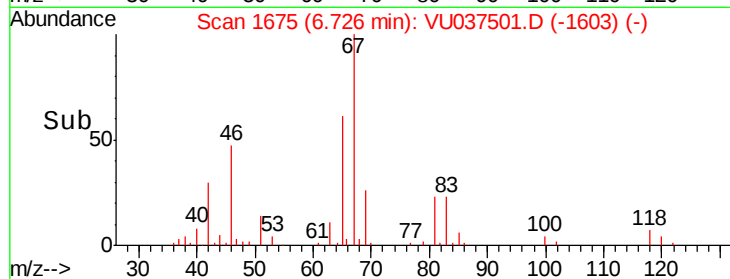
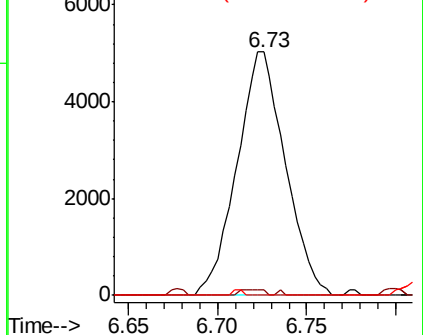
#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9506
Ion Ratio Lower Upper
83 100
55 1.2 64.4 96.6#
98 0.0 38.2 57.2#

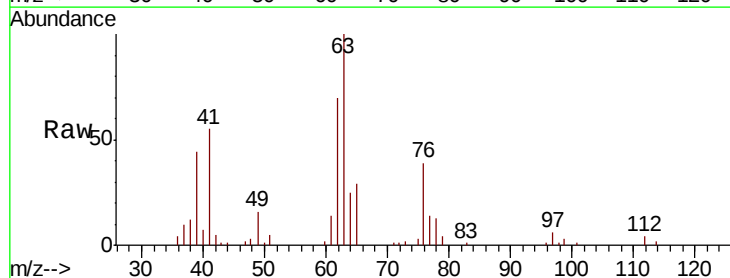


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

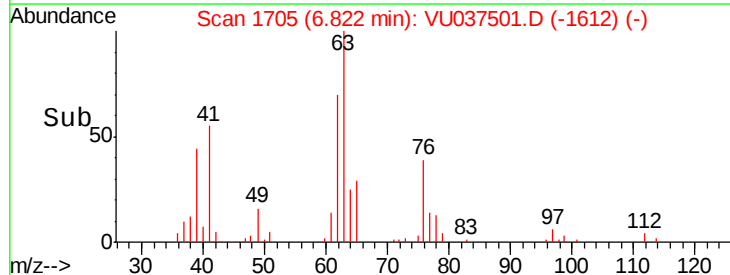
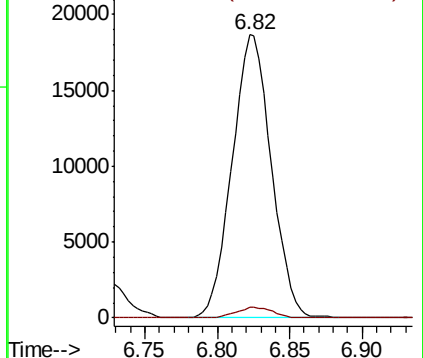


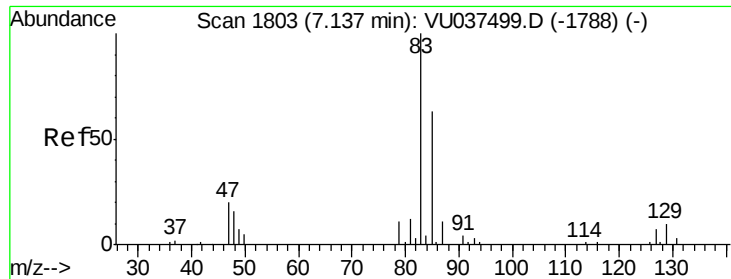
#37
1,2-Dichloropropane
Concen: 4.811 ug/L
RT: 6.82 min Scan# 1705
Delta R.T. 0.00 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Tgt Ion: 63 Resp: 34976
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 1.989 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

ClientSampleId :

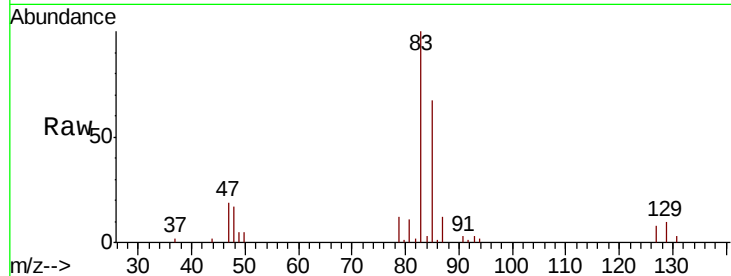
Tot Ion: 83 Resp: 19113

Ion Ratio Lower Upper

83 100

85 66.7 42.7 79.3

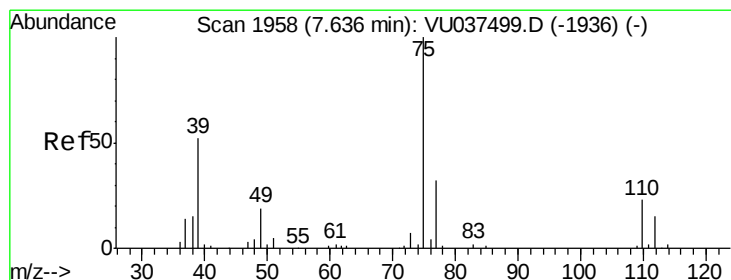
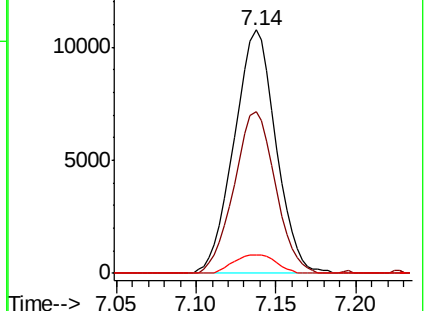
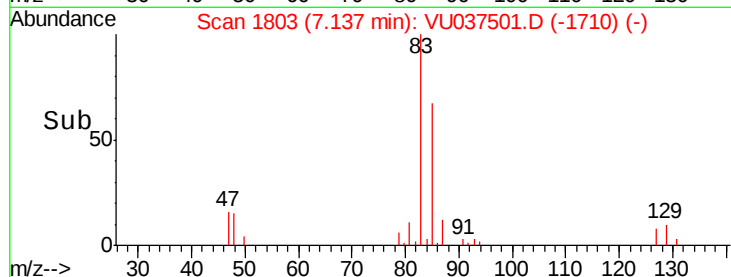
127 7.6 6.9 10.3



Abundance Ion 82.95 (82.65 to 83.65): VU037501.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU037501.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU037501.D (-1710) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.764 ug/L

RT: 7.64 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VU037501.D

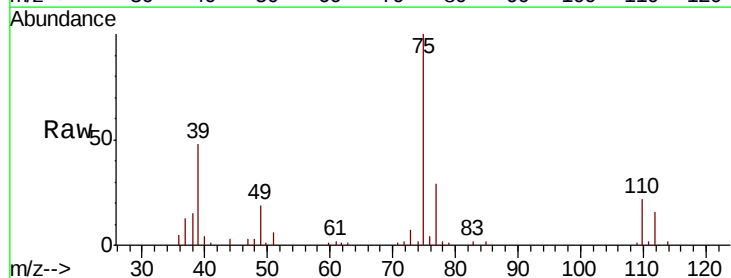
Acq: 31 Mar 2020 16:08

Tgt Ion: 75 Resp: 19932

Ion Ratio Lower Upper

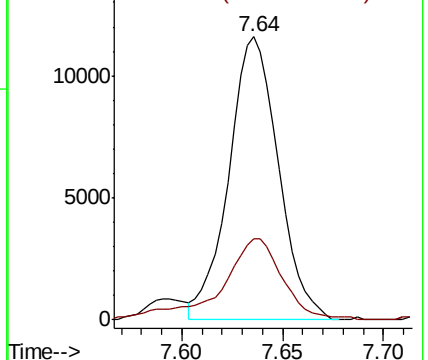
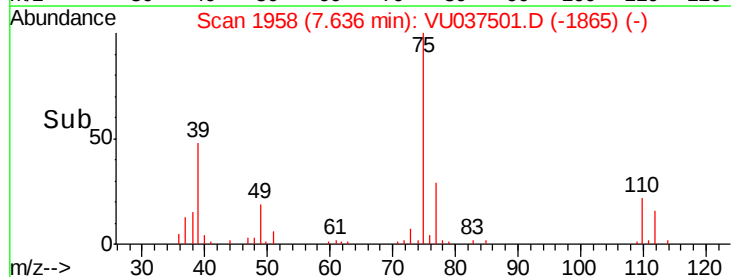
75 100

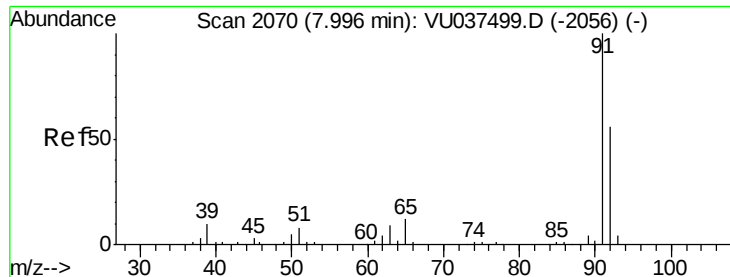
77 28.9 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VU037501.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037501.D (-1865) (-)





#42

Toluene

Concen: 2.941 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

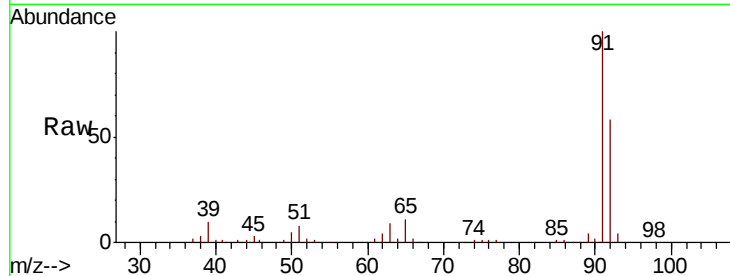
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 85034

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU037499.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU037499.D (-2056) (-)

8.00

50000

40000

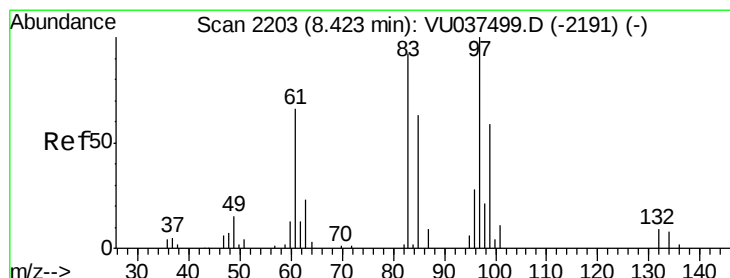
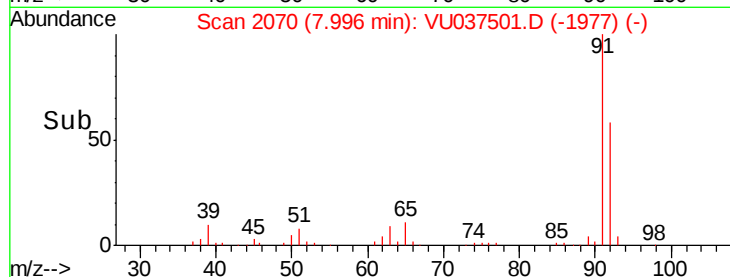
30000

20000

10000

0

Time--> 7.90 7.95 8.00 8.05



#45

1,1,2-Trichloroethane

Concen: 7.668 ug/L

RT: 8.43 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Tgt Ion: 97 Resp: 39768

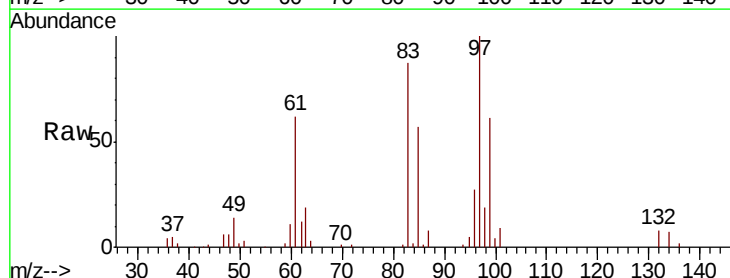
Ion Ratio Lower Upper

97 100

99 61.4 41.6 77.2

83 86.6 61.5 114.1

85 57.3 39.3 73.1



Abundance Ion 96.95 (96.65 to 97.65): VU037499.D (-2191) (-)

Ion 99.05 (98.75 to 99.75): VU037499.D (-2191) (-)

Ion 82.95 (82.65 to 83.65): VU037499.D (-2191) (-)

Ion 85.00 (84.70 to 85.70): VU037499.D (-2191) (-)

8.43

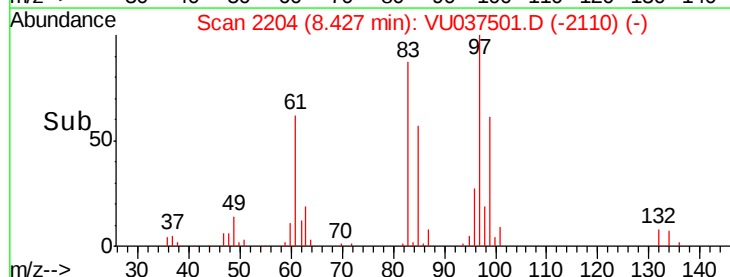
30000

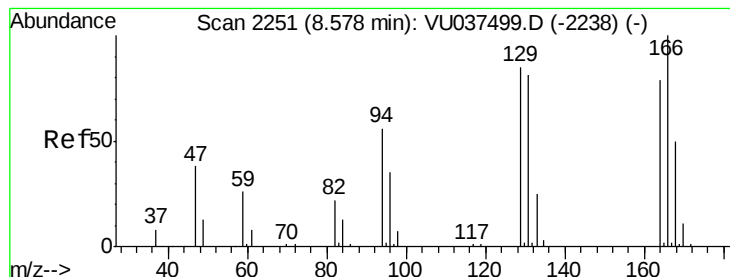
20000

10000

0

Time--> 8.35 8.40 8.45 8.50





#47

Tetrachloroethene

Concen: 4.767 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 22847

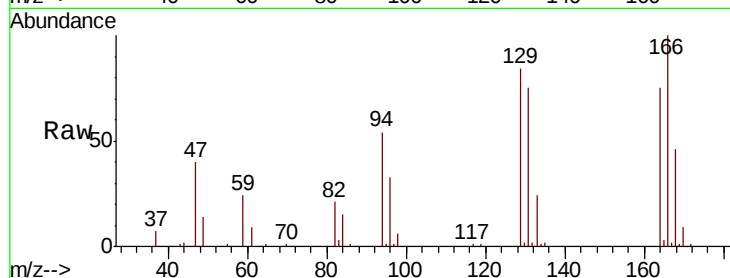
Ion Ratio Lower Upper

164 100

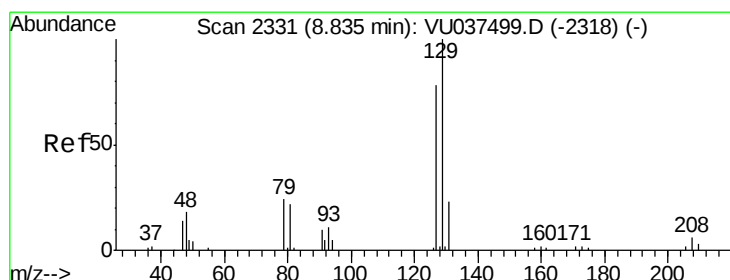
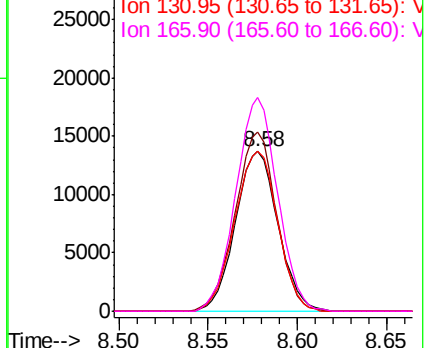
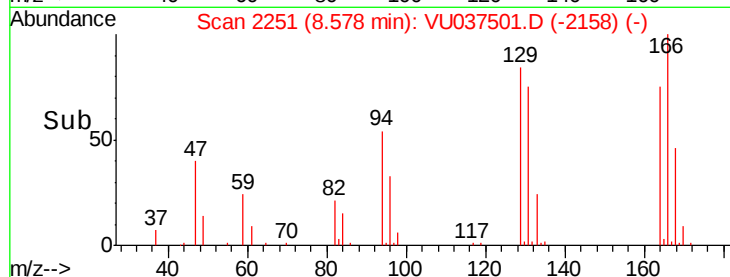
129 112.2 71.3 132.3

131 100.5 67.9 126.1

166 133.8 87.0 161.6



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.495 ug/L

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037501.D

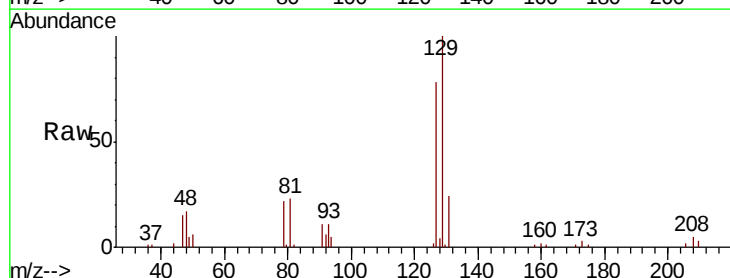
Acq: 31 Mar 2020 16:08

Tgt Ion:129 Resp: 34887

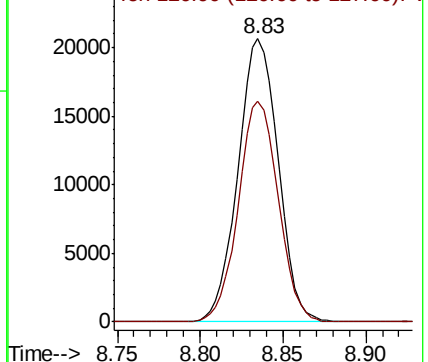
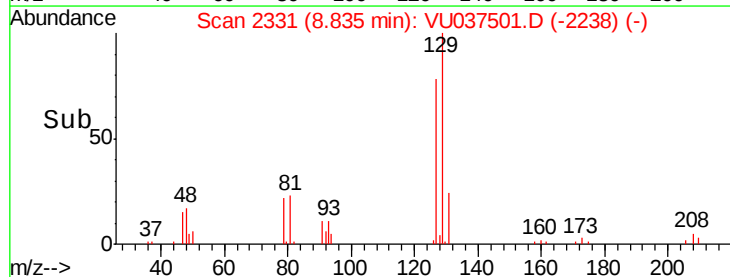
Ion Ratio Lower Upper

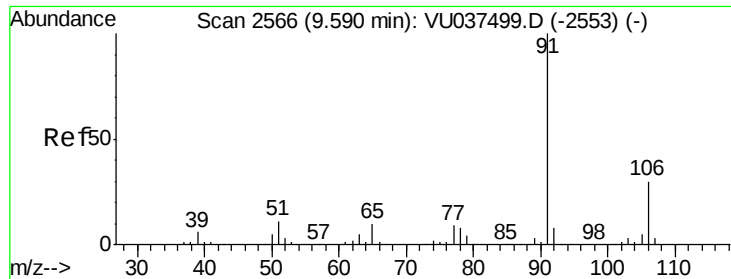
129 100

127 78.1 49.4 91.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

Ethylbenzene

Concen: 9.678 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

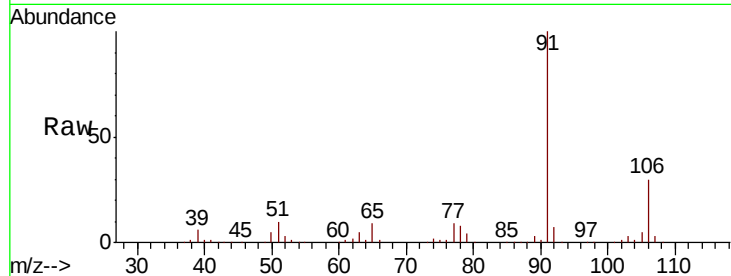
ClientSampleId :

Tot Ion: 91 Resp: 325156

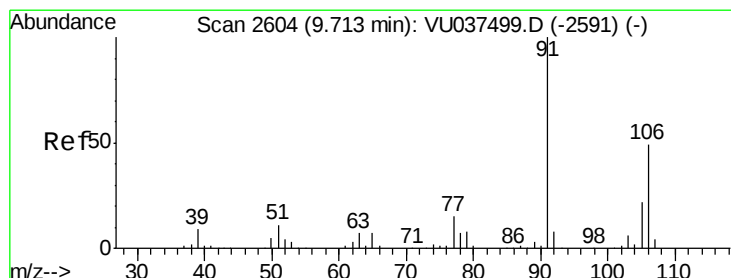
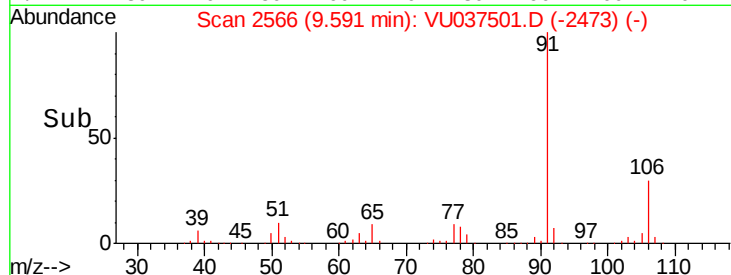
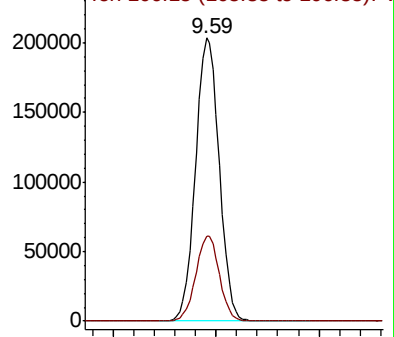
Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU037499.D (-2553) (-)



#53

m,p-Xylene

Concen: 7.765 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.12 min

Lab File: VU037501.D

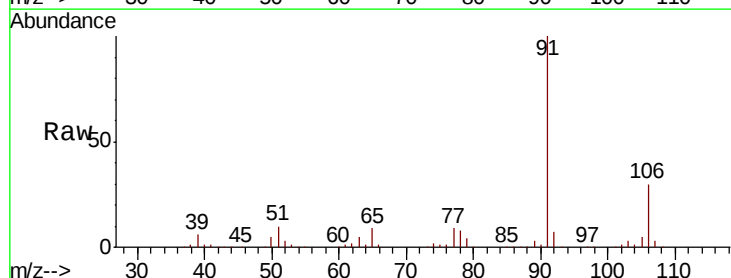
Acq: 31 Mar 2020 16:08

Tgt Ion: 106 Resp: 96989

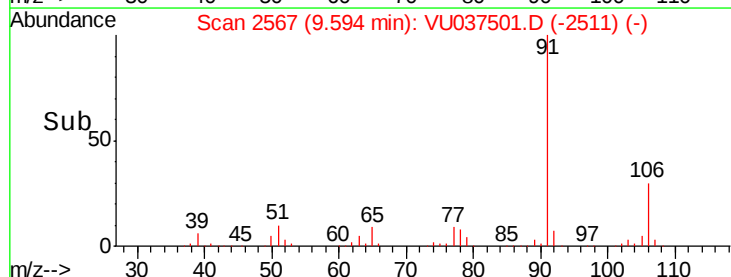
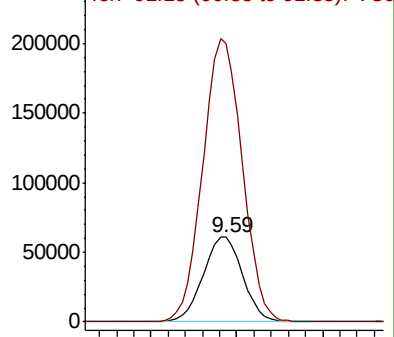
Ion Ratio Lower Upper

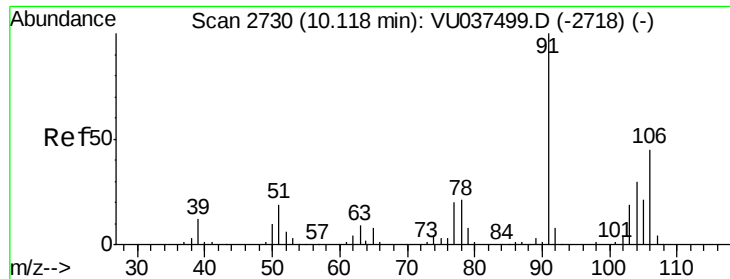
106 100

91 329.0 146.8 272.6#



Abundance Ion 106.15 (105.85 to 106.85): VU037499.D (-2591) (-)

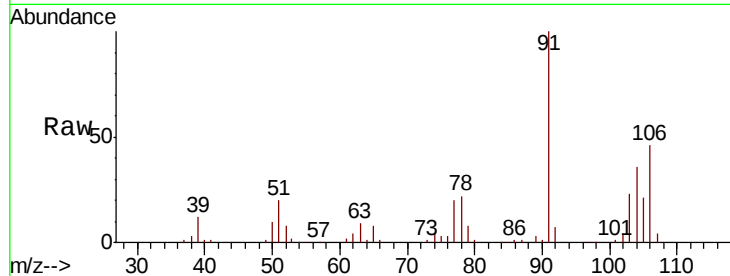




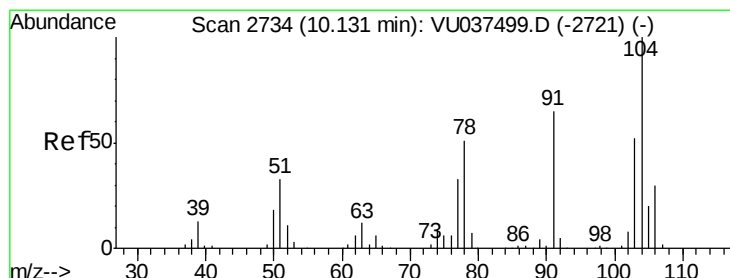
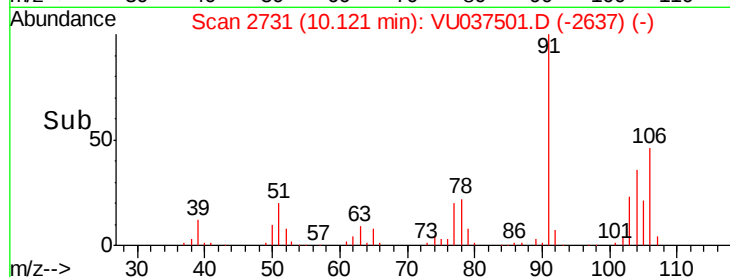
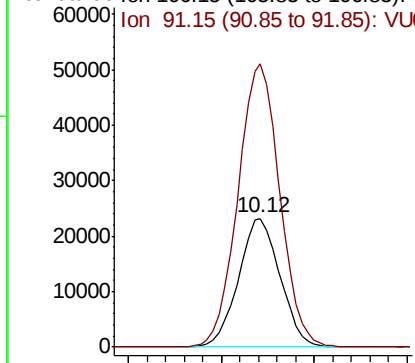
#54
o-Xylene
Concen: 3.045 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 36050
Ion Ratio Lower Upper
106 100
91 219.6 155.6 289.0

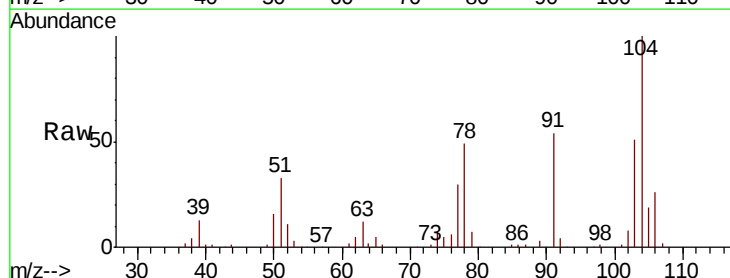


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

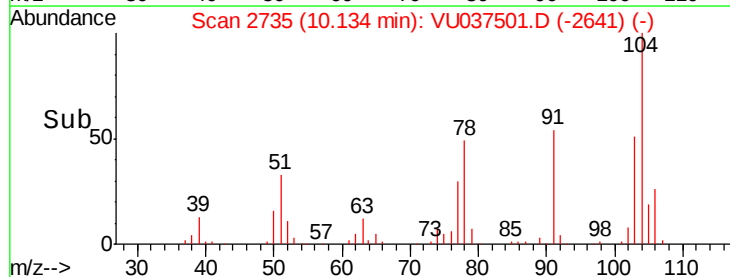
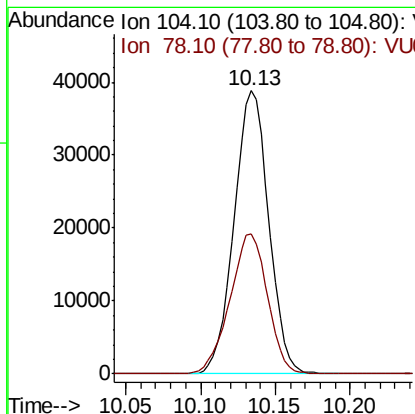


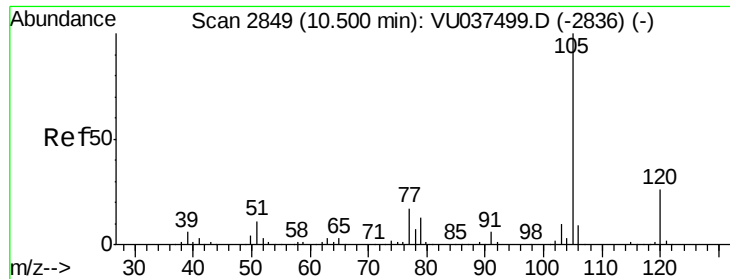
#55
Styrene
Concen: 3.034 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037501.D
Acq: 31 Mar 2020 16:08

Tgt Ion:104 Resp: 62536
Ion Ratio Lower Upper
104 100
78 49.3 35.7 66.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 6.855 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

Instrument :

MSVOA_U

ClientSampleId :

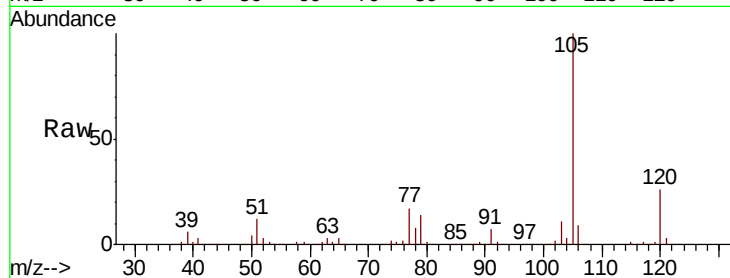
Tot Ion:105 Resp: 219050

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

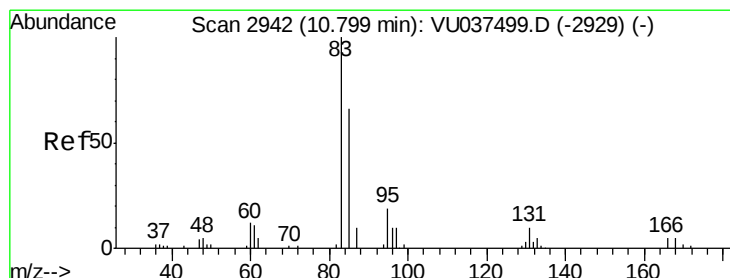
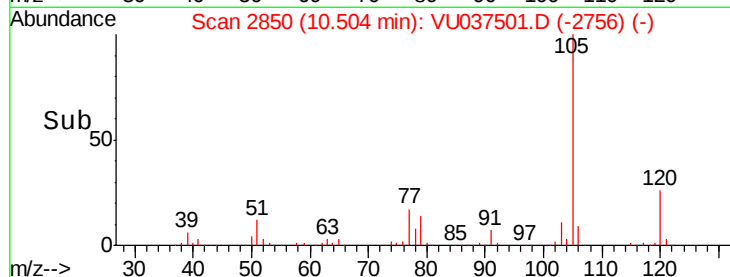
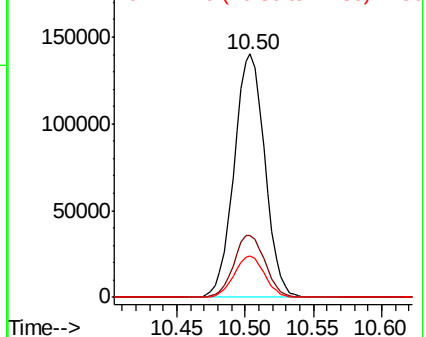
77 16.8 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.527 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037501.D

Acq: 31 Mar 2020 16:08

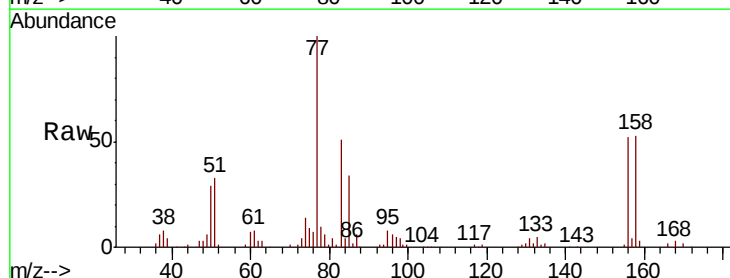
Tgt Ion: 83 Resp: 31890

Ion Ratio Lower Upper

83 100

85 66.8 45.9 85.3

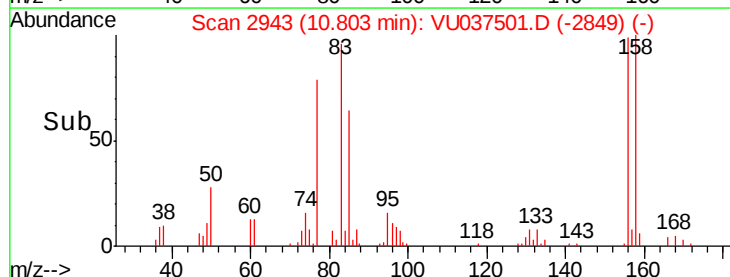
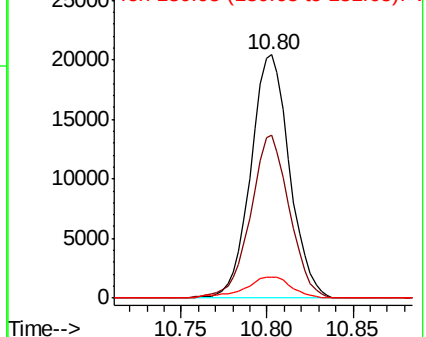
131 8.7 6.5 9.7

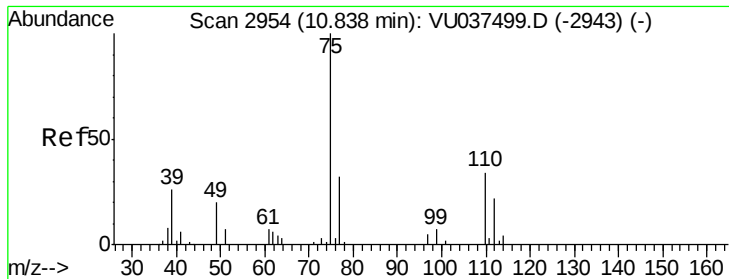


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

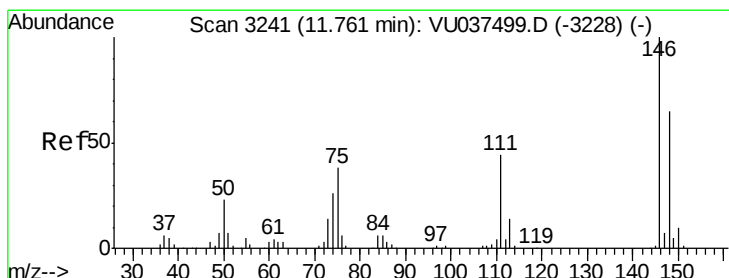
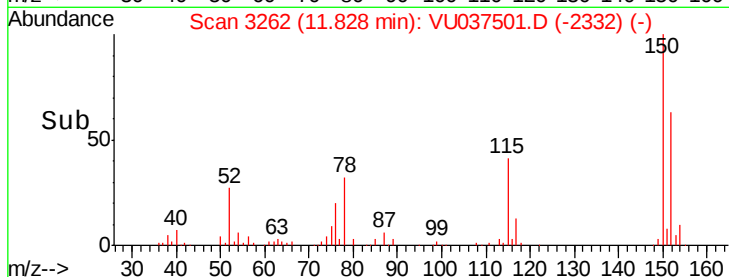
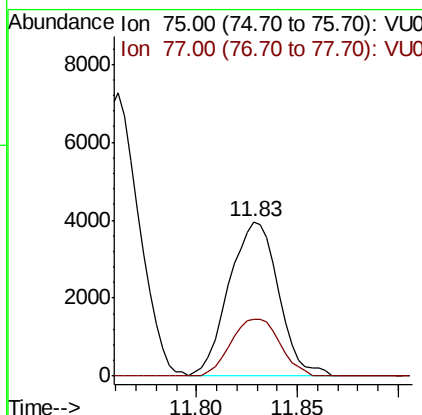
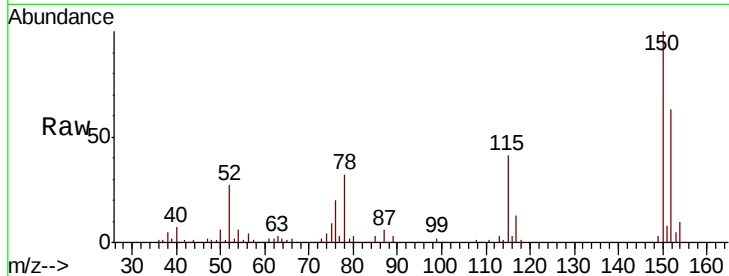




#59
 1,2,3-Trichloropropane
 Concen: 1.362 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037501.D
 Acq: 31 Mar 2020 16:08

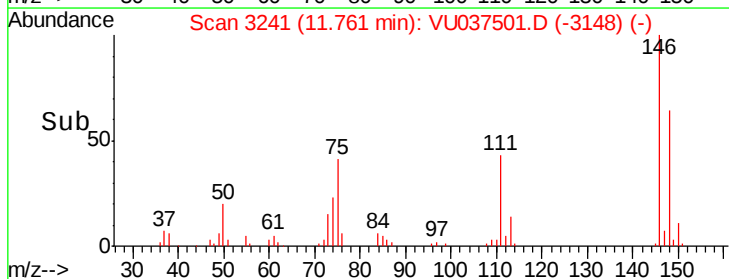
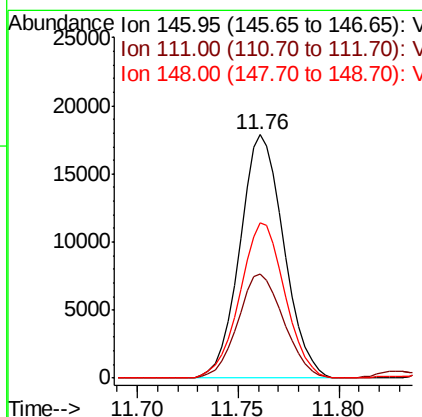
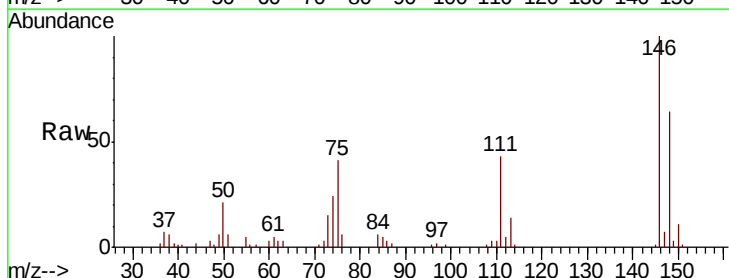
Instrument :
 MSVOA_U
 ClientSampled :

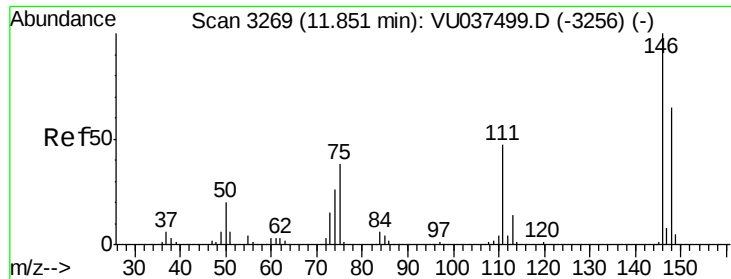
Tot Ion: 75 Resp: 6808
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.2 39.2



#62
 1,3-Dichlorobenzene
 Concen: 1.896 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037501.D
 Acq: 31 Mar 2020 16:08

Tgt Ion: 146 Resp: 27282
 Ion Ratio Lower Upper
 146 100
 111 43.0 31.4 58.2
 148 63.7 44.9 83.5

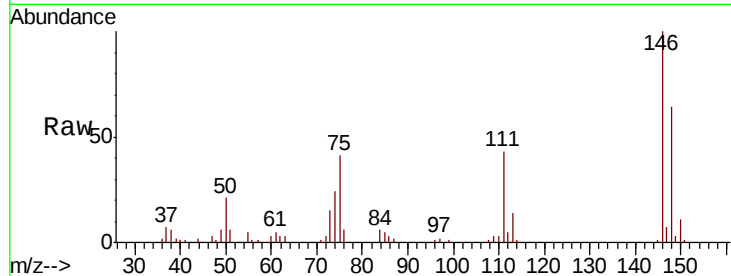




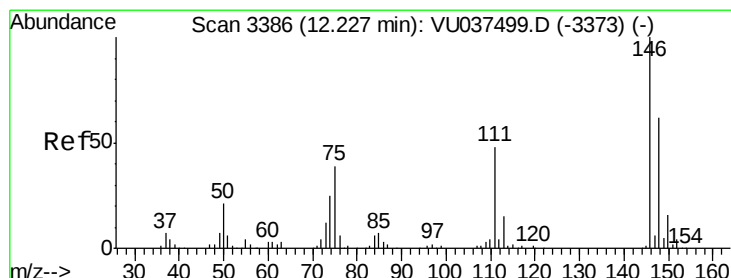
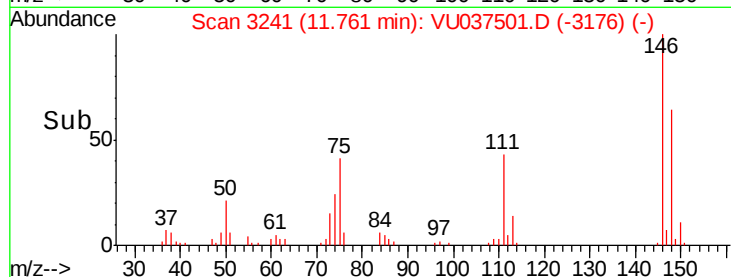
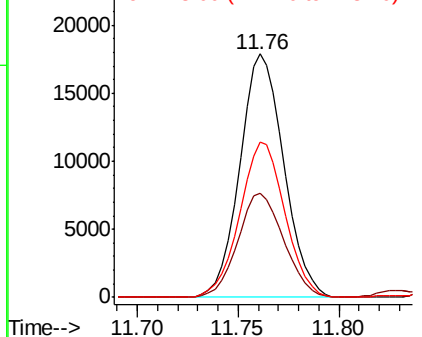
#63
 1,4-Dichlorobenzene
 Concen: 1.873 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.09 min
 Lab File: VU037501.D
 Acq: 31 Mar 2020 16:08

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 27282
 Ion Ratio Lower Upper
 146 100
 111 43.0 29.7 55.1
 148 63.7 44.4 82.4

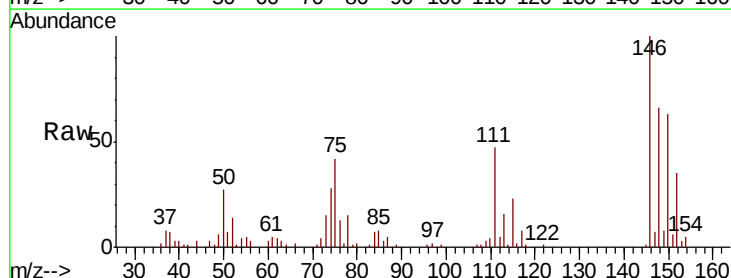


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#65
 1,2-Dichlorobenzene
 Concen: 1.930 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037501.D
 Acq: 31 Mar 2020 16:08

Tgt Ion:146 Resp: 26140
 Ion Ratio Lower Upper
 146 100
 111 47.2 38.9 58.3
 148 65.7 51.2 76.8



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

