

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025493.D
 Acq On : 18 Jul 2018 13:19
 Operator : MD/SY
 Sample : J3986-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 19 01:08:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67411	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.76%
7) Chloroethane-d5	1.67	69	62192	45.90	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	182999	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
21) 2-Butanone-d5	4.18	46	138392	81.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.77%
24) Chloroform-d	4.65	84	192806	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	127481	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.34	84	349687	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.33	67	114439	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.57	98	330031	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	59301	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.31	63	107002	82.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170547	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	149667	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	67944	24.488	ug/L 99
3) Chloromethane	1.33	50	60213	24.523	ug/L 99
5) Vinyl chloride	1.40	62	125117	50.679	ug/L 98
6) Bromomethane	1.61	94	16559	12.306	ug/L 97
8) Chloroethane	1.69	64	39791	26.933	ug/L 97
9) Trichlorofluoromethane	1.88	101	163538	45.059	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	45800	23.242	ug/L 97
12) 1,1-Dichloroethene	2.28	96	125318	68.556	ug/L 96
13) Acetone	2.32	43	1850	1.252	ug/L 88
16) Methylene chloride	2.70	84	100152	41.896	ug/L 96
17) trans-1,2-Dichloroethene	2.98	96	44389	20.530	ug/L 98
19) 1,1-Dichloroethane	3.45	63	268753	62.136	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	102386	38.676	ug/L 99
23) Bromochloromethane	4.55	128	53948	40.659	ug/L 95
25) Chloroform	4.68	83	253291	55.731	ug/L 98
27) 1,2-Dichloroethane	5.41	62	254568	67.448	ug/L 98
30) 1,1,1-Trichloroethane	4.92	97	81863	19.751	ug/L 99

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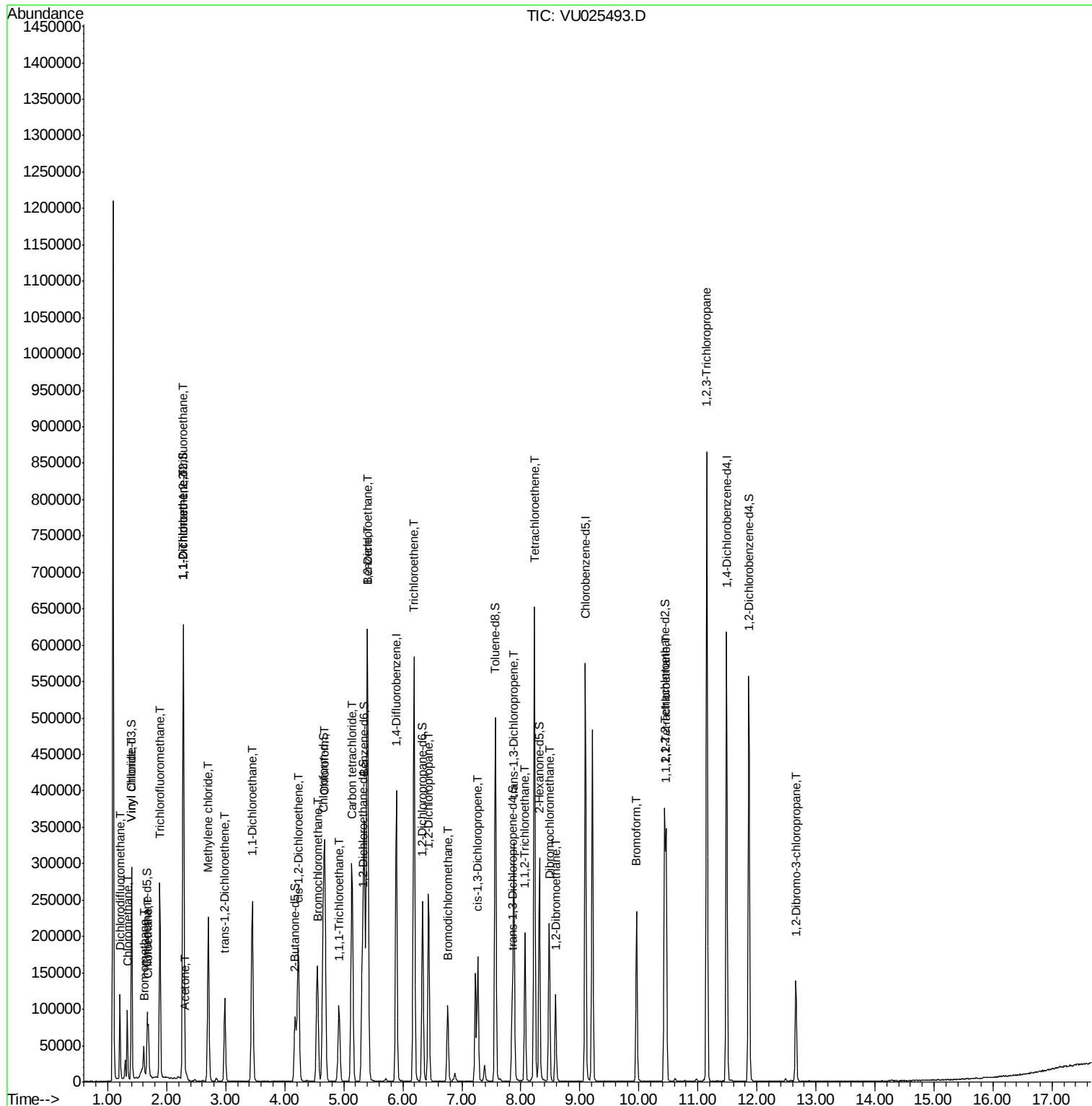
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

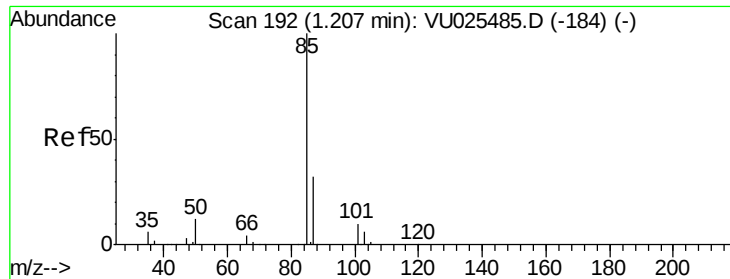
31) Carbon tetrachloride	5.14	117	220125	60.454	ug/L	100
33) Benzene	5.39	78	417883	45.351	ug/L	100
34) Trichloroethene	6.19	95	195764	80.257	ug/L	96
37) 1,2-Dichloropropane	6.44	63	97986	38.549	ug/L	99
38) Bromodichloromethane	6.76	83	66635	19.415	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	99487	25.261	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	178830	47.300	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	61789	25.639	ug/L	99
46) Tetrachloroethene	8.23	164	146774	72.131	ug/L	97
49) Dibromochloromethane	8.48	129	109917	37.676	ug/L	96
50) 1,2-Dibromoethane	8.59	107	75575	28.411	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	150501	36.272	ug/L	98
59) 1,2,3-Trichloropropane	11.15	75	4711	1.394	ug/L #	1
61) Bromoform	9.96	173	105759	47.246	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	33296	32.037	ug/L	97

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

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Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 10      Sample Multiplier: 1
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#2

Dichlorodifluoromethane

Concen: 24.488 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025493.D

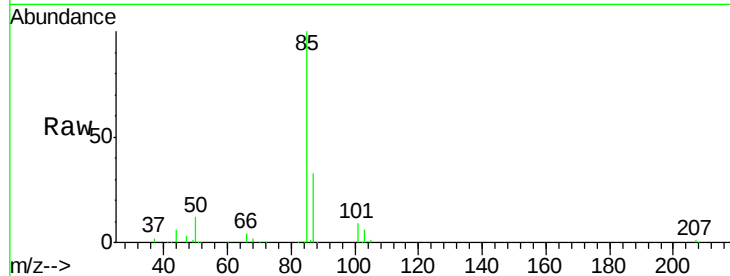
Acq: 18 Jul 2018 13:19

Tgt Ion: 85 Resp: 67944

Ion Ratio Lower Upper

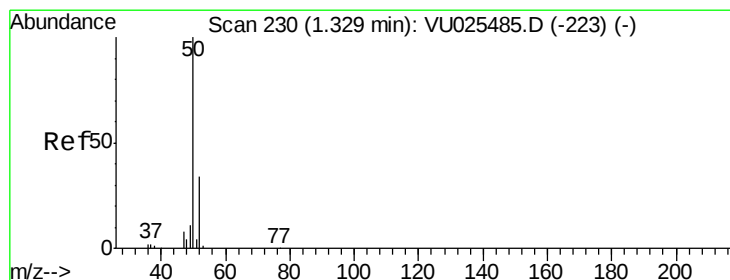
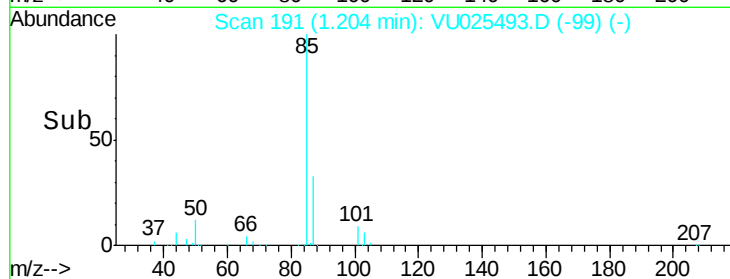
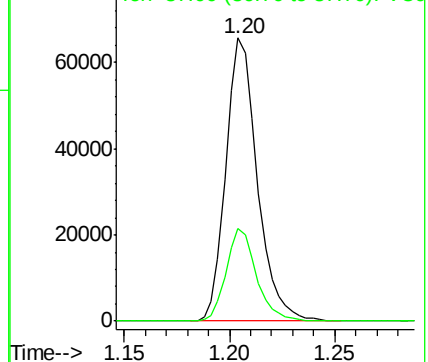
85 100

87 31.6 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 24.523 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025493.D

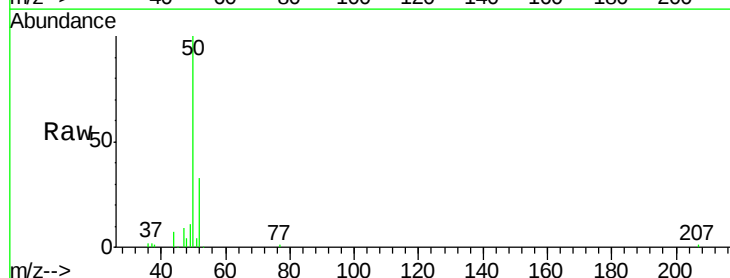
Acq: 18 Jul 2018 13:19

Tgt Ion: 50 Resp: 60213

Ion Ratio Lower Upper

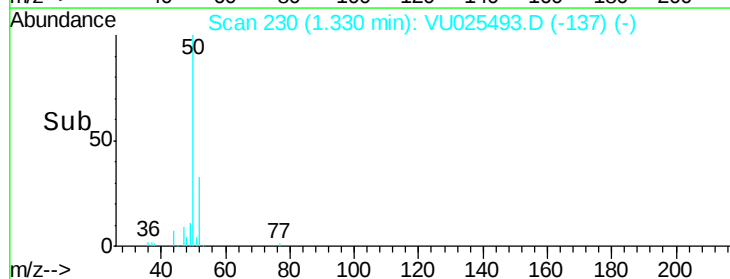
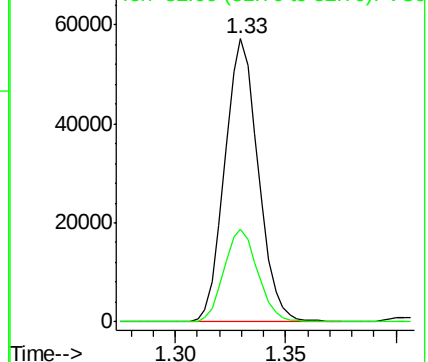
50 100

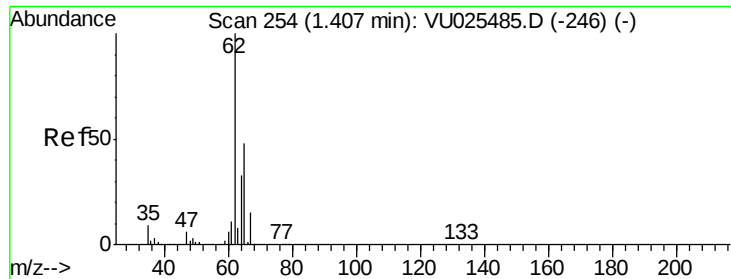
52 32.8 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 50.679 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025493.D

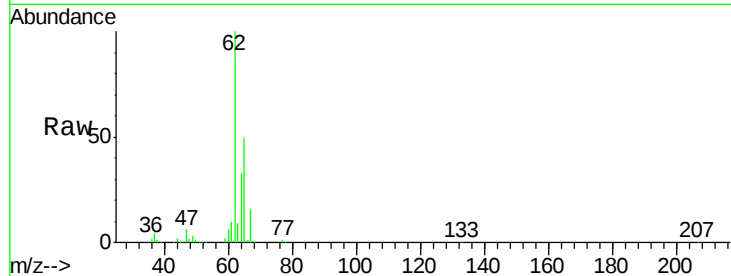
Acq: 18 Jul 2018 13:19

Tgt Ion: 62 Resp: 125117

Ion Ratio Lower Upper

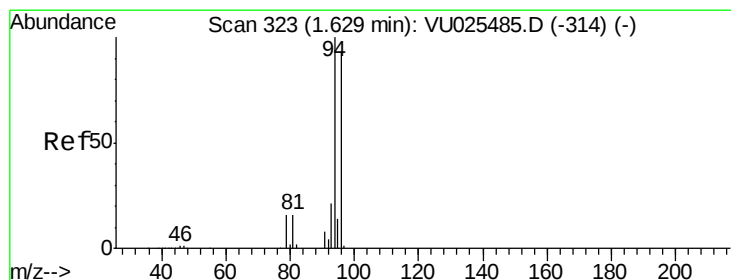
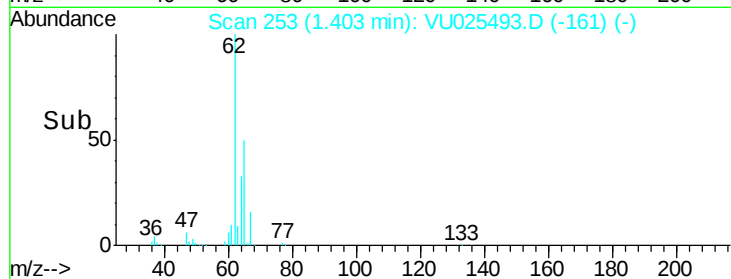
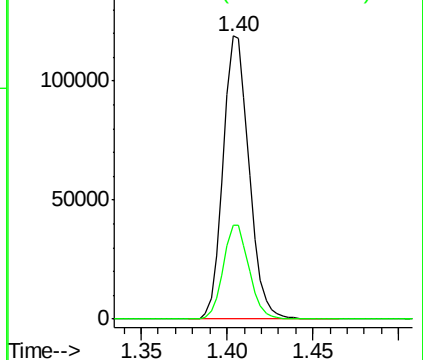
62 100

64 33.2 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 12.306 ug/L

RT: 1.61 min Scan# 318

Delta R.T. -0.02 min

Lab File: VU025493.D

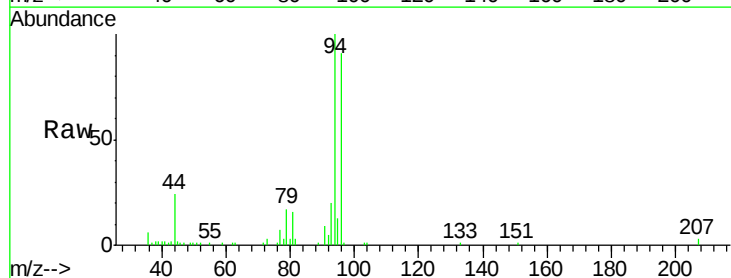
Acq: 18 Jul 2018 13:19

Tgt Ion: 94 Resp: 16559

Ion Ratio Lower Upper

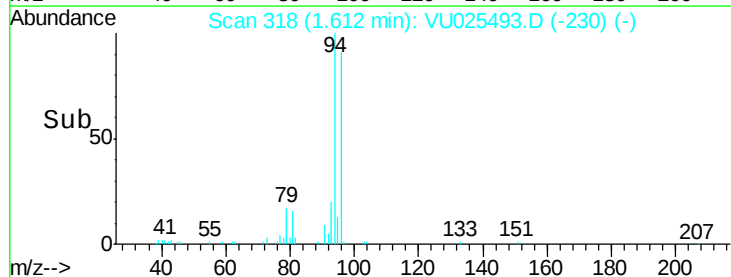
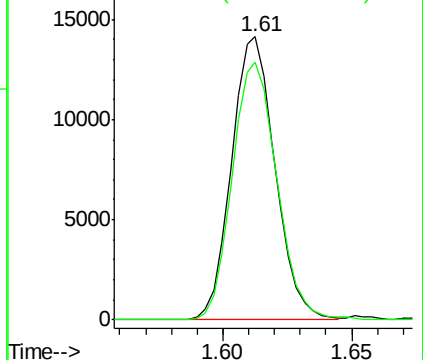
94 100

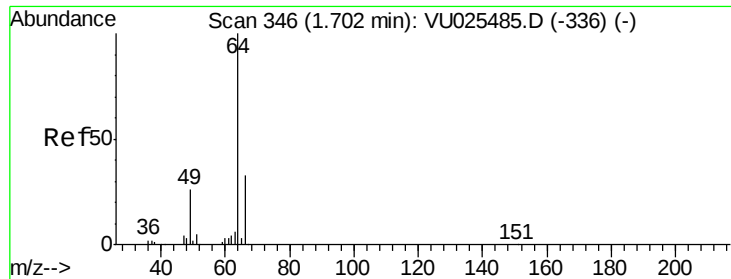
96 90.9 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 26.933 ug/L

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025493.D

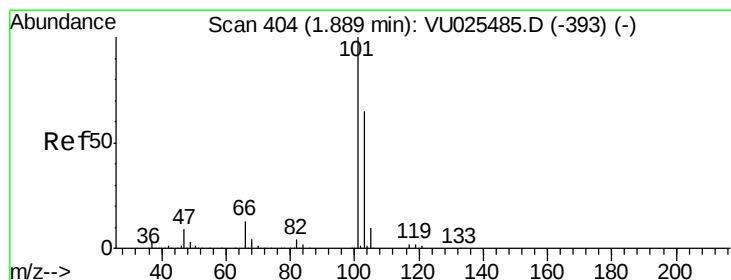
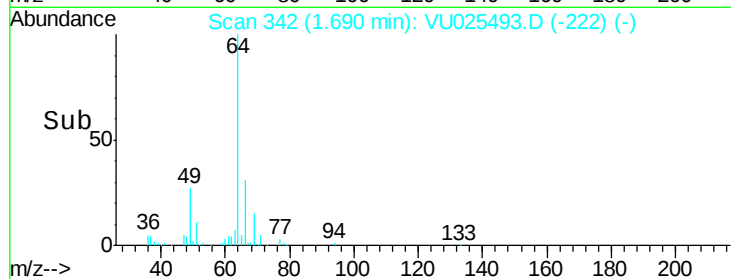
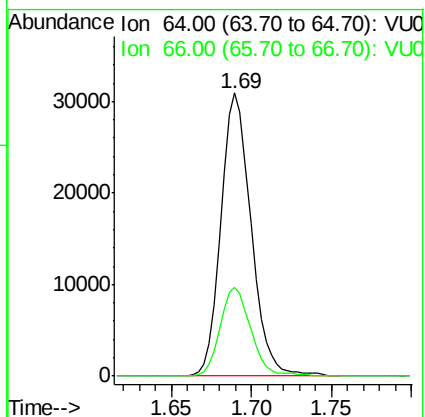
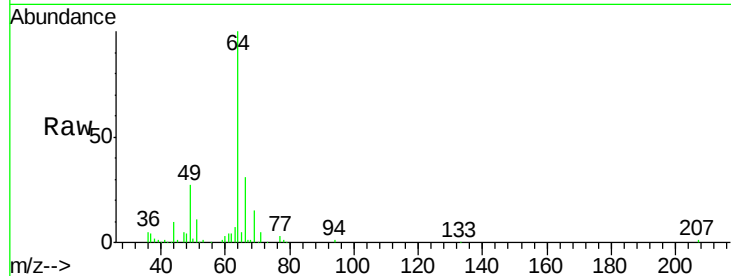
Acq: 18 Jul 2018 13:19

Tgt Ion: 64 Resp: 39791

Ion Ratio Lower Upper

64 100

66 31.5 23.0 42.8



#9

Trichlorofluoromethane

Concen: 45.059 ug/L

RT: 1.88 min Scan# 402

Delta R.T. -0.01 min

Lab File: VU025493.D

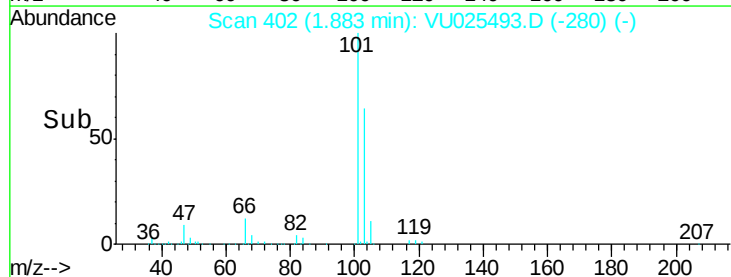
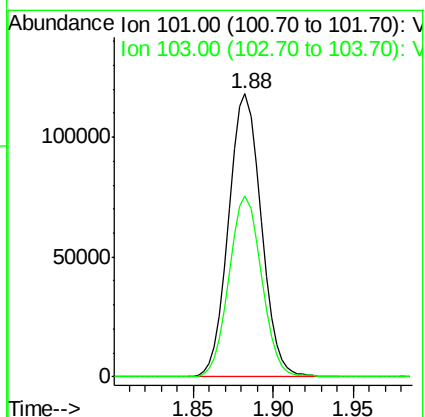
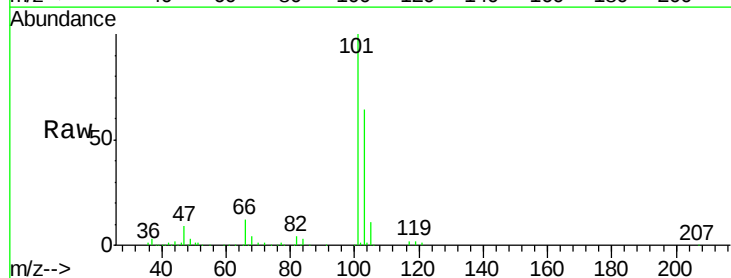
Acq: 18 Jul 2018 13:19

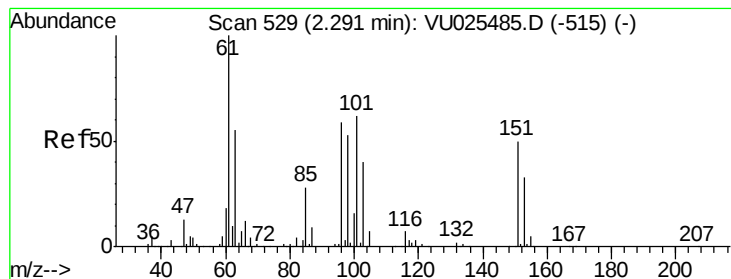
Tgt Ion: 101 Resp: 163538

Ion Ratio Lower Upper

101 100

103 64.0 52.3 78.5





#10

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

Concen: 23.242 ug/L

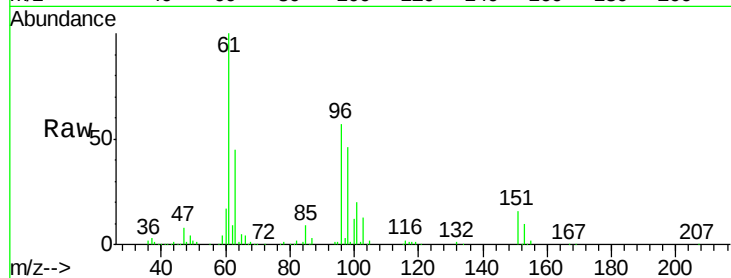
RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

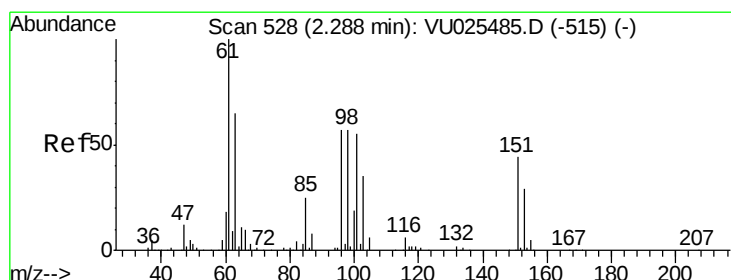
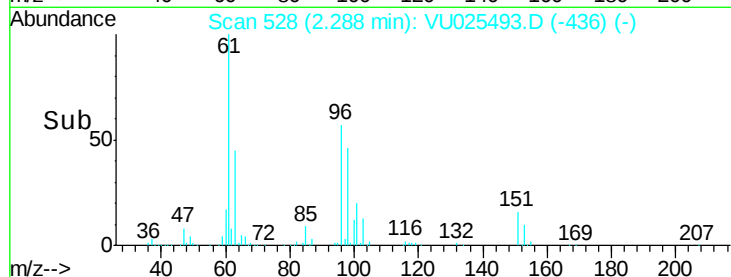
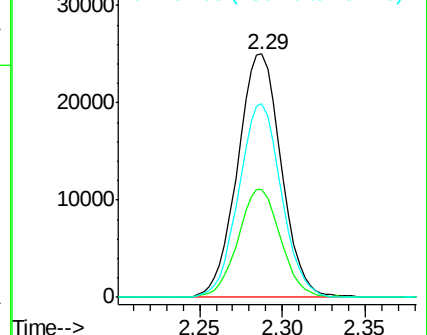
Tgt Ion:	101	Resp:	45800
Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.4	53.2
151	77.6	65.0	97.4



Abundance Ion 101.00 (100.70 to 101.70): VU025485.D (-515) (-)

Ion 85.00 (84.70 to 85.70): VU025485.D (-515) (-)

Ion 151.00 (150.70 to 151.70): VU025485.D (-515) (-)



#12

1,1-Dichloroethene

Concen: 68.556 ug/L

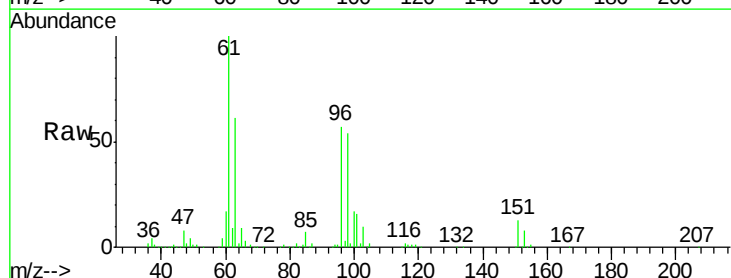
RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

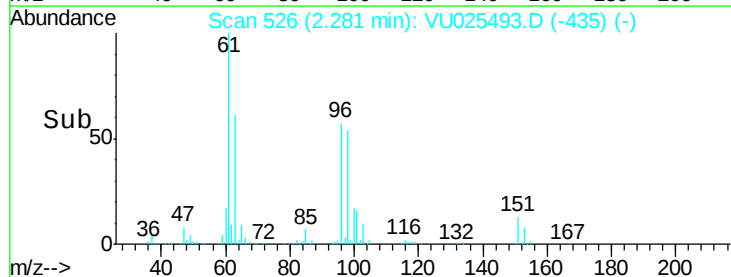
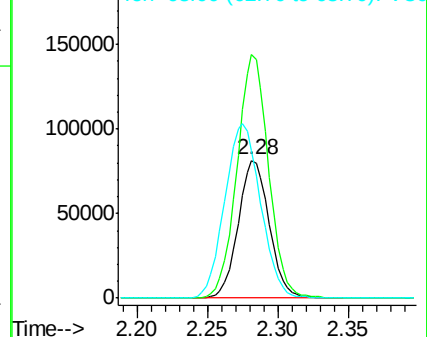
Tgt Ion:	96	Resp:	125318
Ion	Ratio	Lower	Upper
96	100		
61	176.9	120.6	224.0
63	107.5	79.3	147.3

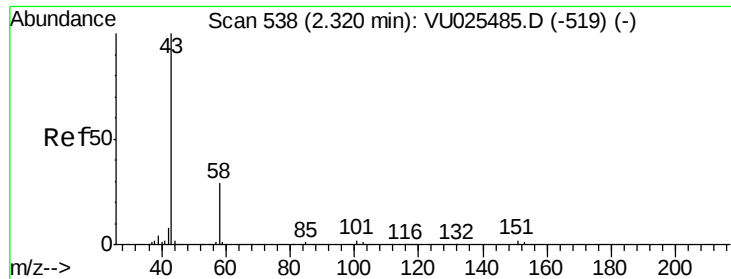


Abundance Ion 96.00 (95.70 to 96.70): VU025485.D (-515) (-)

Ion 61.00 (60.70 to 61.70): VU025485.D (-515) (-)

Ion 63.00 (62.70 to 63.70): VU025485.D (-515) (-)





#13

Acetone

Concen: 1.252 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025493.D

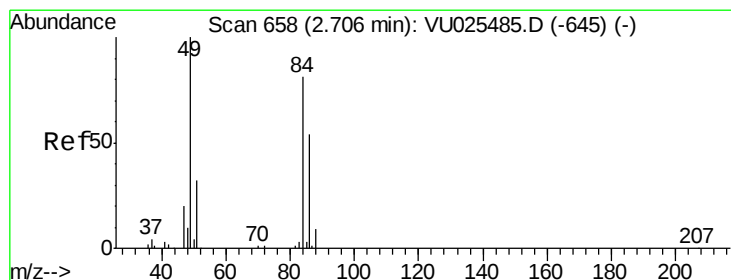
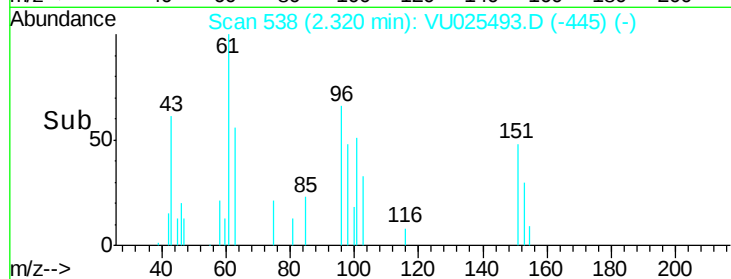
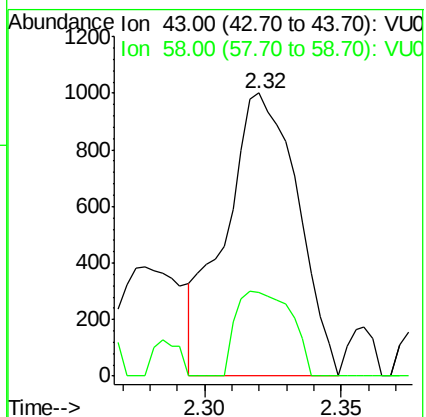
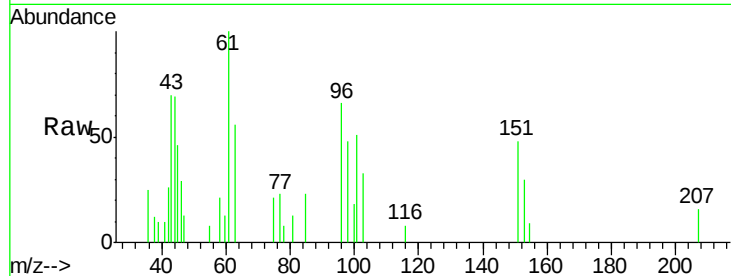
Acq: 18 Jul 2018 13:19

Tgt Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

58 23.0 0.0 59.0



#16

Methylene chloride

Concen: 41.896 ug/L

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

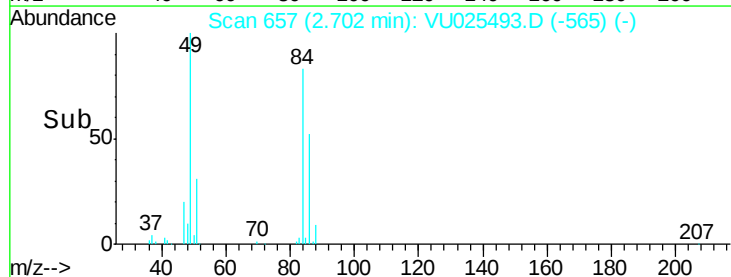
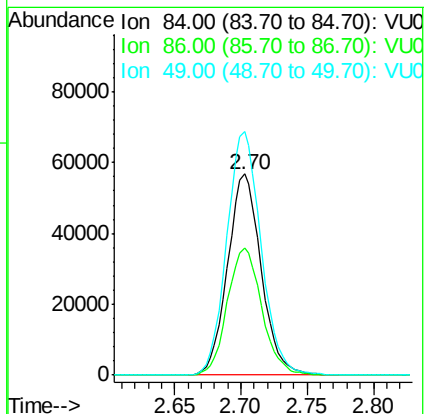
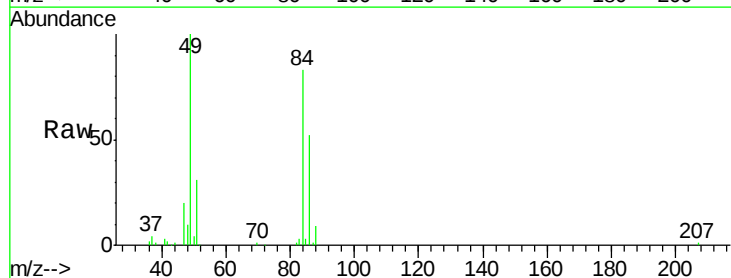
Tgt Ion: 84 Resp: 100152

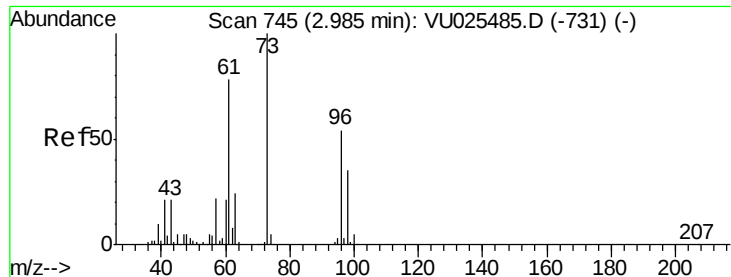
Ion Ratio Lower Upper

84 100

86 63.4 46.3 85.9

49 121.0 87.9 163.3





#17

trans-1,2-Dichloroethene

Concen: 20.530 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

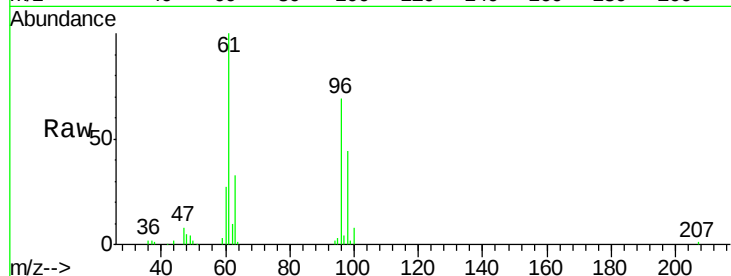
Tgt Ion: 96 Resp: 44389

Ion Ratio Lower Upper

96 100

61 144.1 103.6 192.4

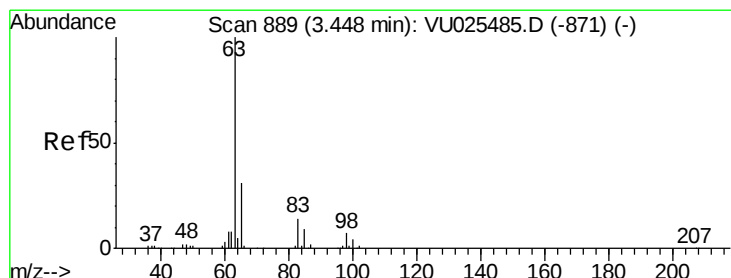
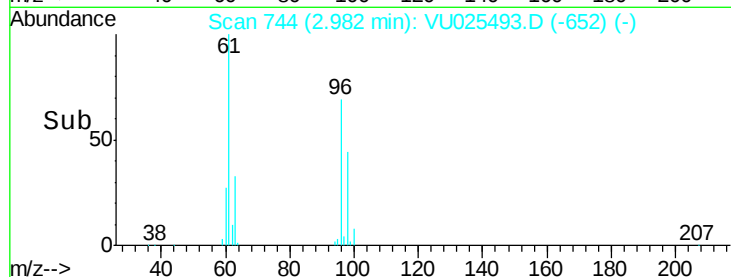
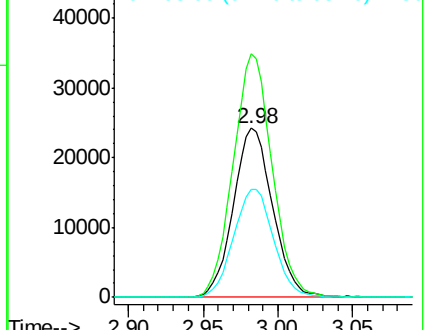
98 63.5 44.8 83.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#19

1,1-Dichloroethane

Concen: 62.136 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

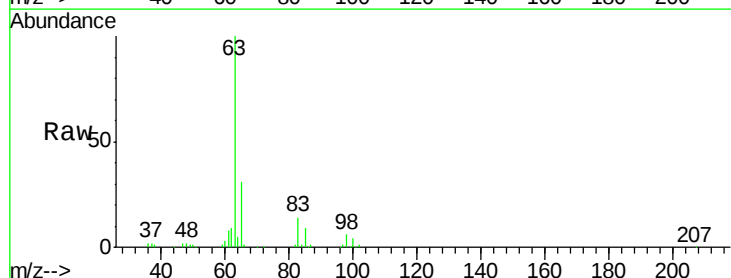
Tgt Ion: 63 Resp: 268753

Ion Ratio Lower Upper

63 100

65 30.9 22.7 42.1

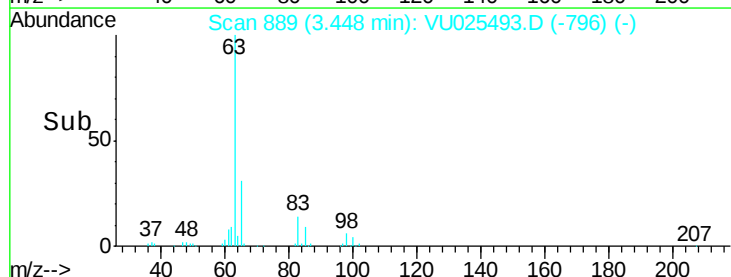
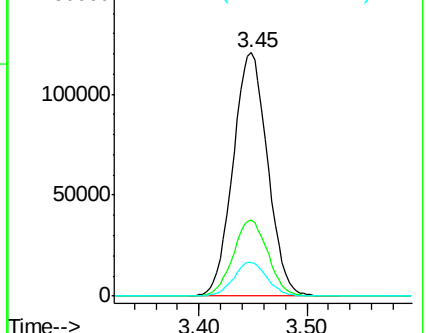
83 13.9 9.9 18.3

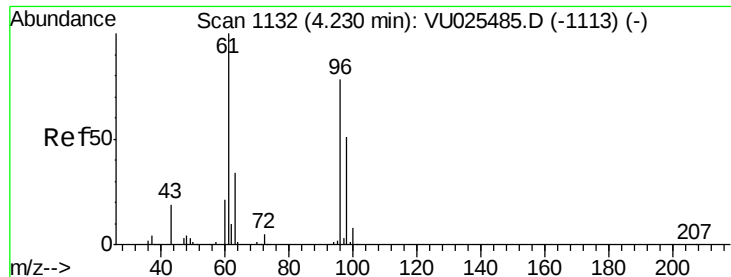


Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

Ion 83.00 (82.70 to 83.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 38.676 ug/L

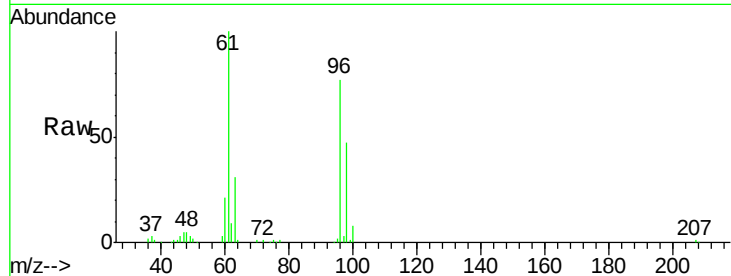
RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

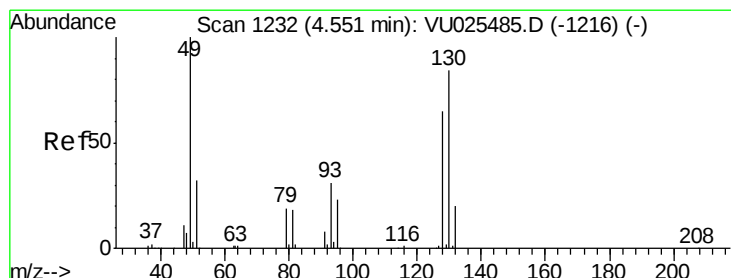
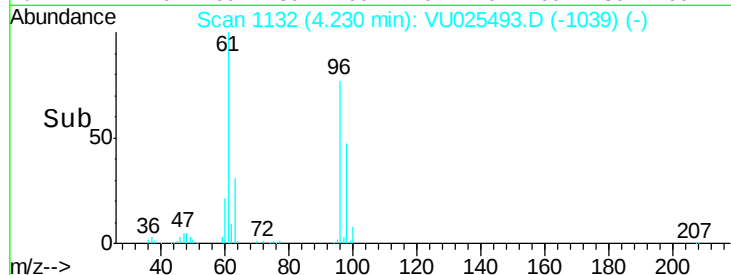
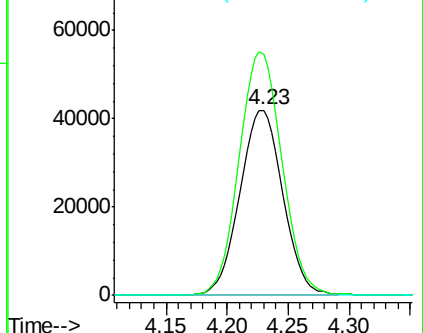
Tgt Ion:	96	Resp:	102386
Ion	Ratio	Lower	Upper
96	100		
61	130.0	91.7	170.3
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025493.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU025493.D (-1039) (-)

Ion 68.00 (67.70 to 68.70): VU025493.D (-1039) (-)



#23

Bromochloromethane

Concen: 40.659 ug/L

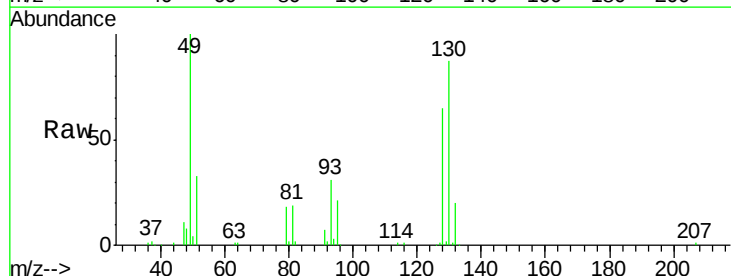
RT: 4.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

Tgt Ion:	128	Resp:	53948
Ion	Ratio	Lower	Upper
128	100		
49	152.8	103.0	191.2
130	133.1	88.5	164.3
51	50.0	38.7	58.1

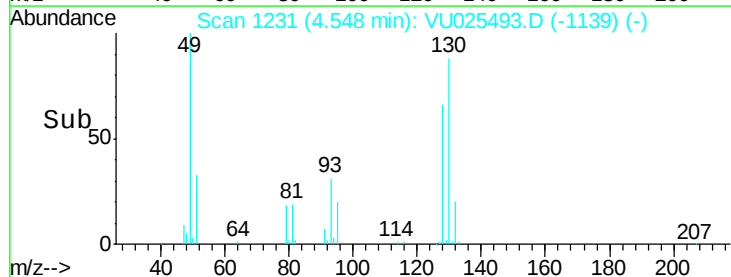
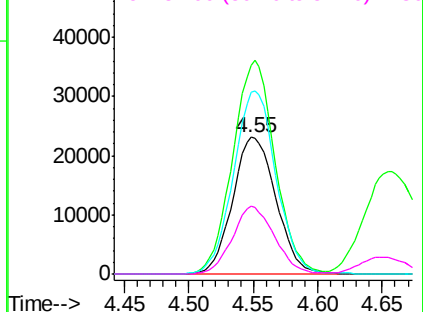


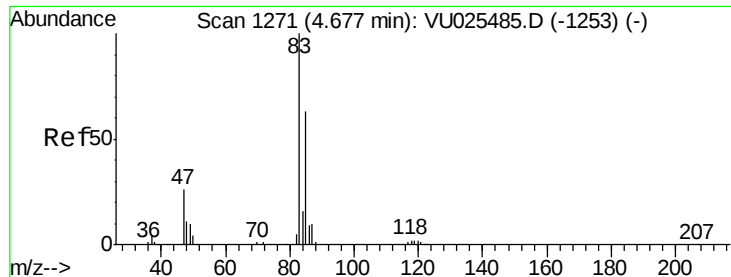
Abundance Ion 128.00 (127.70 to 128.70): VU025493.D (-1139) (-)

Ion 49.00 (48.70 to 49.70): VU025493.D (-1139) (-)

Ion 130.00 (129.70 to 130.70): VU025493.D (-1139) (-)

Ion 51.00 (50.70 to 51.70): VU025493.D (-1139) (-)





#25

Chloroform

Concen: 55.731 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025493.D

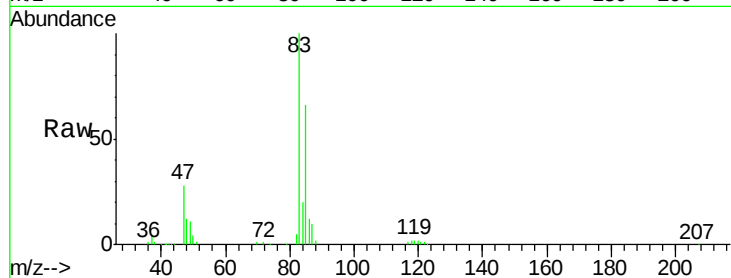
Acq: 18 Jul 2018 13:19

Tgt Ion: 83 Resp: 253291

Ion Ratio Lower Upper

83 100

85 66.1 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.68

120000

100000

80000

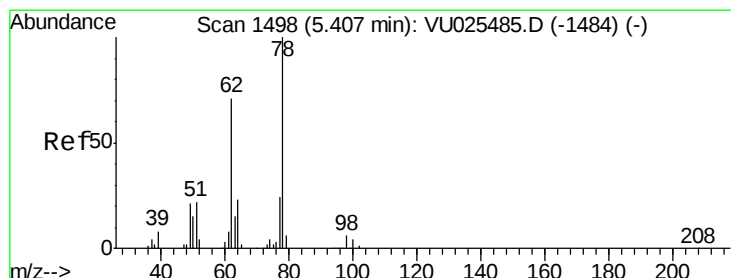
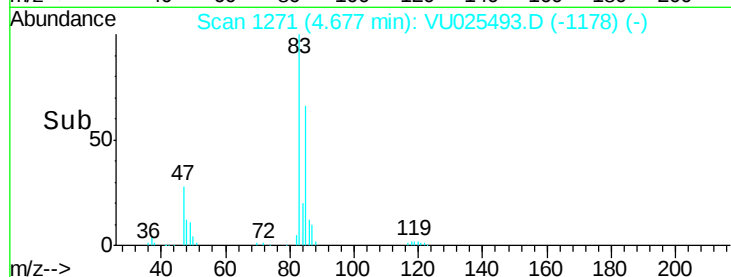
60000

40000

20000

0

Time--> 4.55 4.60 4.65 4.70 4.75



#27

1,2-Dichloroethane

Concen: 67.448 ug/L

RT: 5.41 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VU025493.D

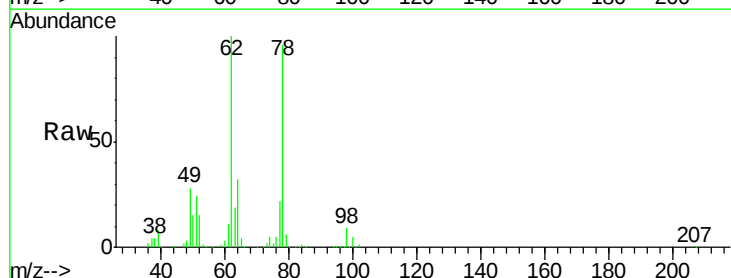
Acq: 18 Jul 2018 13:19

Tgt Ion: 62 Resp: 254568

Ion Ratio Lower Upper

62 100

98 8.8 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

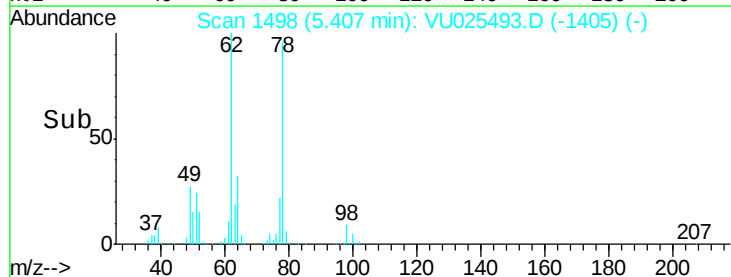
5.41

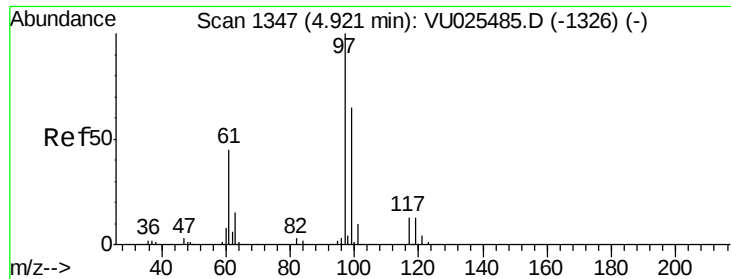
100000

50000

0

Time--> 5.30 5.35 5.40 5.45 5.50





#30

1,1,1-Trichloroethane

Concen: 19.751 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

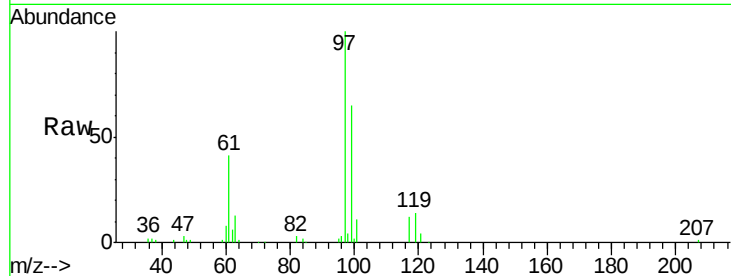
Tgt Ion: 97 Resp: 81863

Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

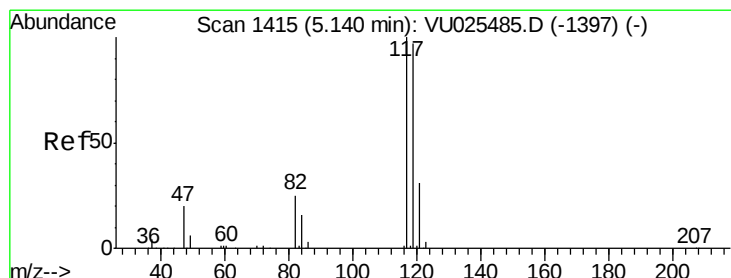
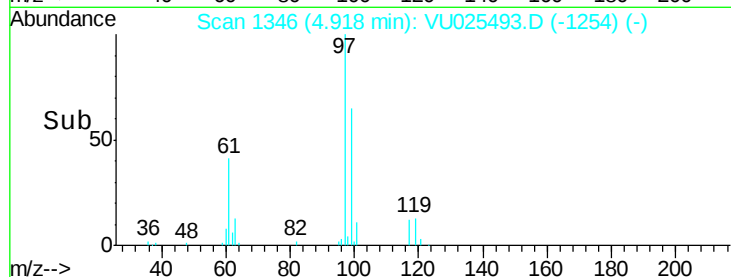
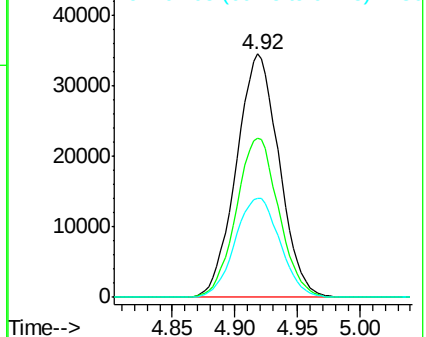
61 42.7 34.1 51.1



Abundance Ion 97.00 (96.70 to 97.70): VU025485.D (-1326) (-)

Ion 99.00 (98.70 to 99.70): VU025485.D (-1326) (-)

Ion 61.05 (60.75 to 61.75): VU025485.D (-1326) (-)



#31

Carbon tetrachloride

Concen: 60.454 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VU025493.D

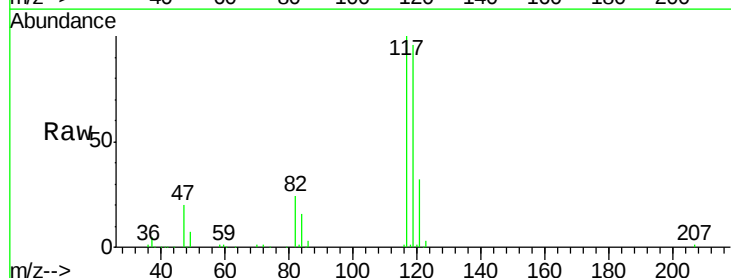
Acq: 18 Jul 2018 13:19

Tgt Ion: 117 Resp: 220125

Ion Ratio Lower Upper

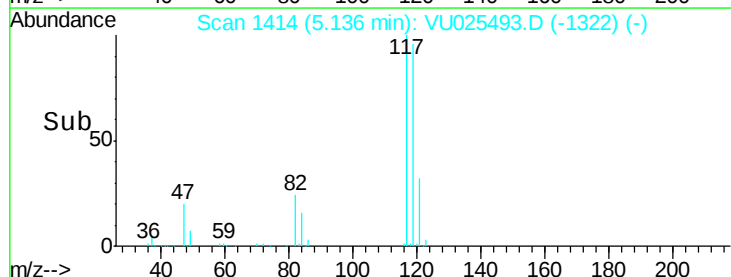
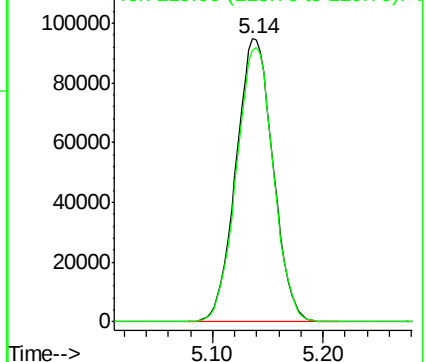
117 100

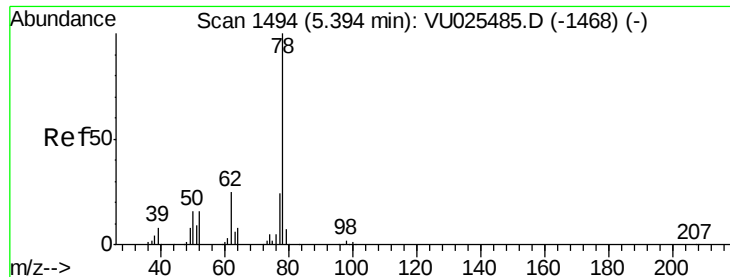
119 96.7 77.1 115.7



Abundance Ion 117.00 (116.70 to 117.70): VU025485.D (-1397) (-)

Ion 119.00 (118.70 to 119.70): VU025485.D (-1397) (-)





#33

Benzene

Concen: 45.351 ug/L

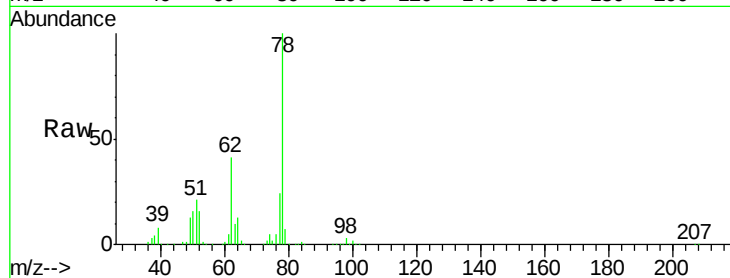
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

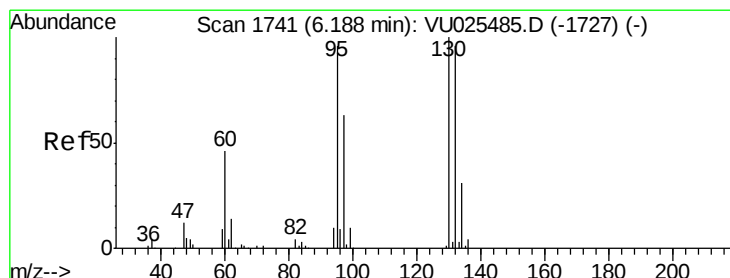
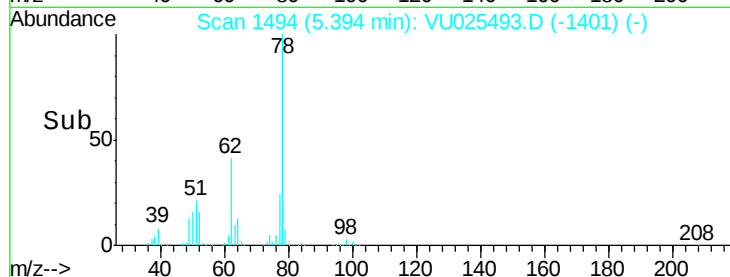
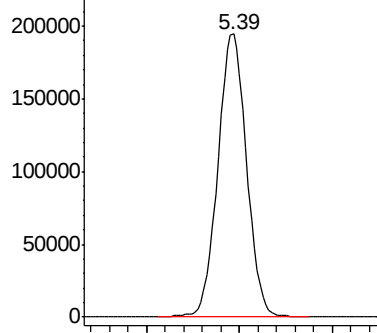
Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

Tgt Ion: 78 Resp: 417883



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 80.257 ug/L

RT: 6.19 min Scan# 1741

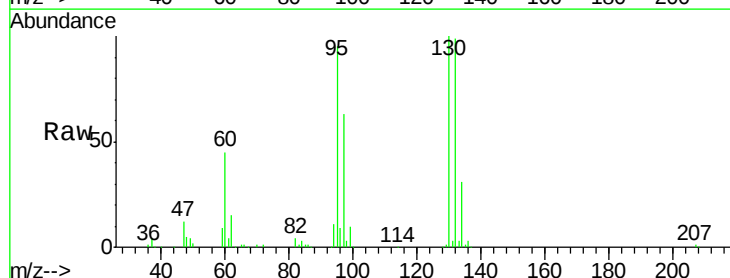
Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

Tgt Ion: 95 Resp: 195764

Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.9	85.3
132	104.9	68.2	126.6
130	105.6	71.8	133.4

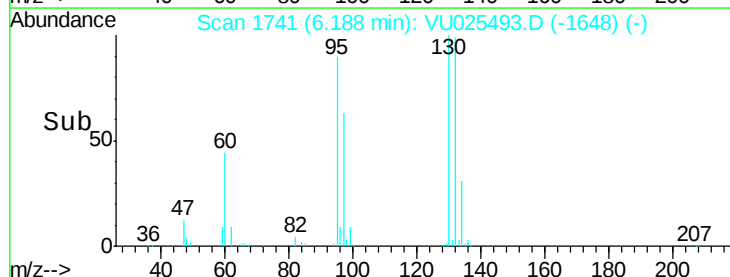


Abundance Ion 95.00 (94.70 to 95.70): VU0

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

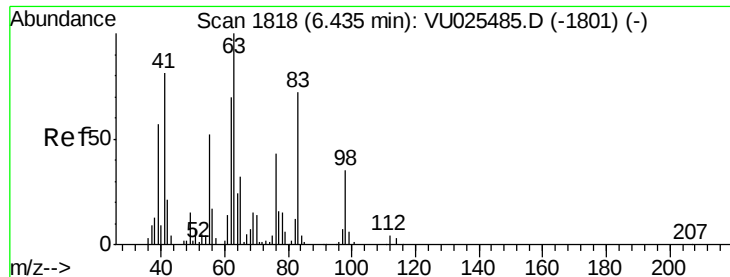


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 38.549 ug/L

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025493.D

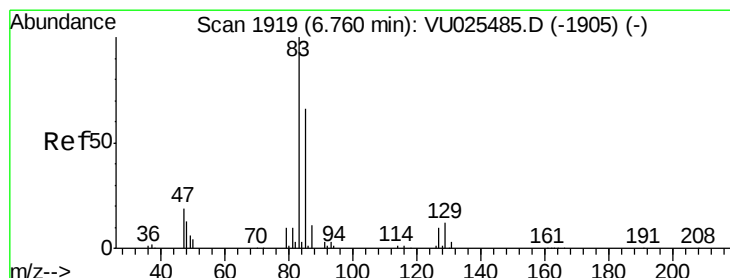
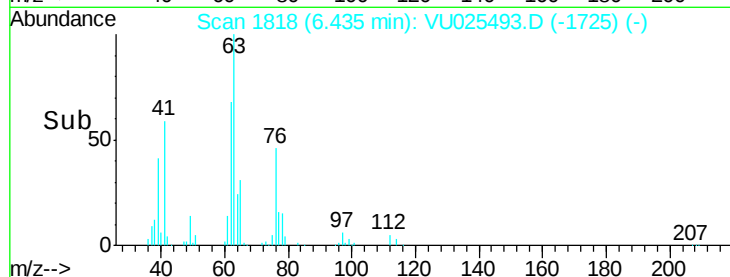
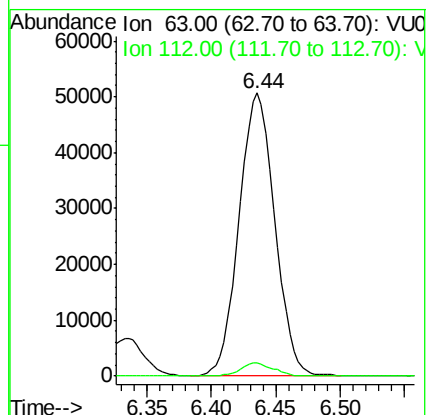
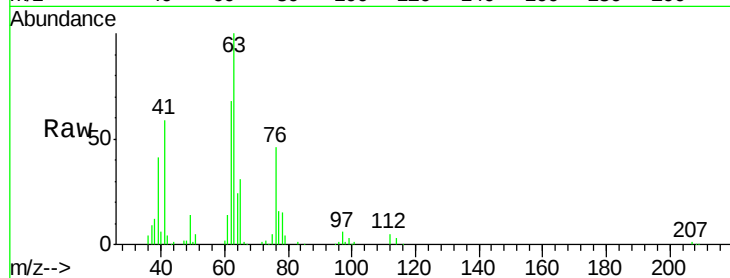
Acq: 18 Jul 2018 13:19

Tgt Ion: 63 Resp: 97986

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 19.415 ug/L

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

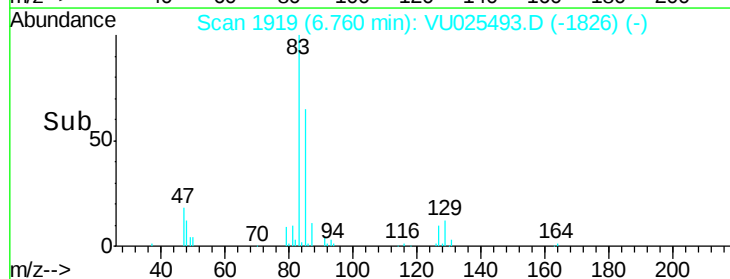
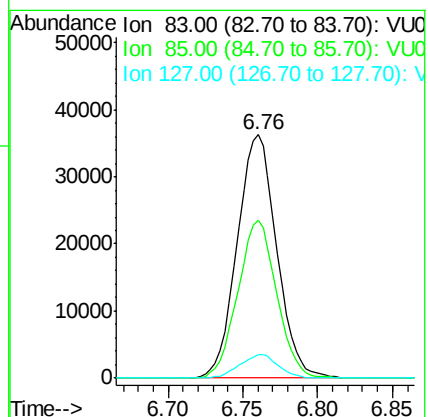
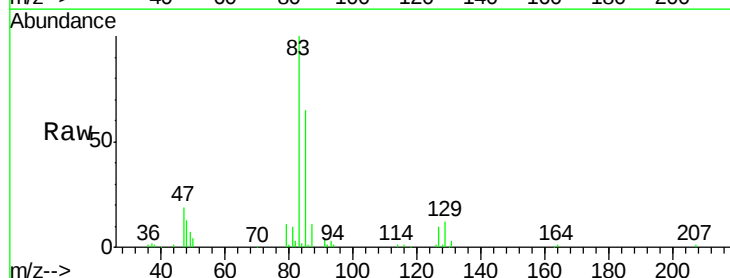
Tgt Ion: 83 Resp: 66635

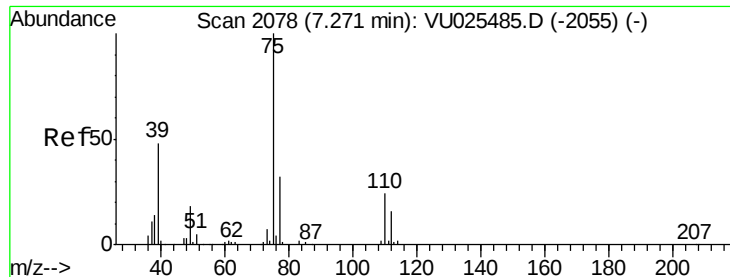
Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2

127 9.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 25.261 ug/L

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025493.D

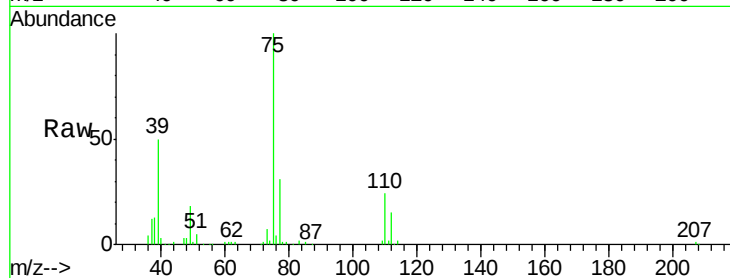
Acq: 18 Jul 2018 13:19

Tgt Ion: 75 Resp: 99487

Ion Ratio Lower Upper

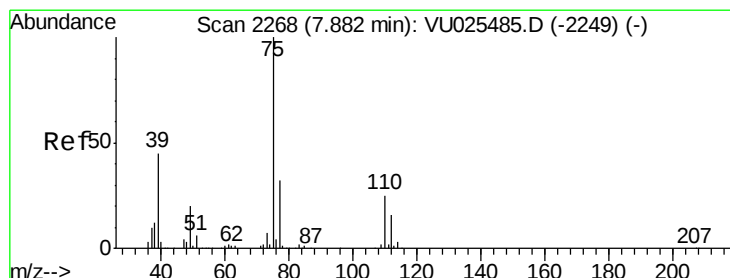
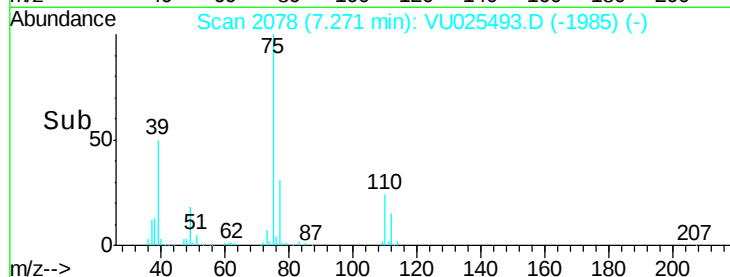
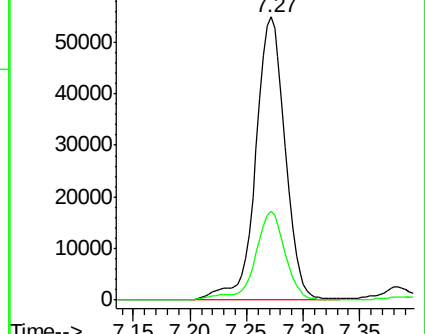
75 100

77 31.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 47.300 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025493.D

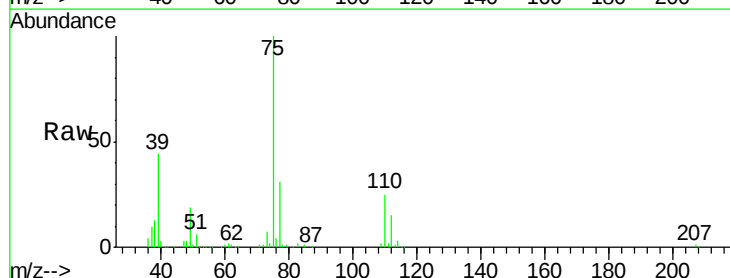
Acq: 18 Jul 2018 13:19

Tgt Ion: 75 Resp: 178830

Ion Ratio Lower Upper

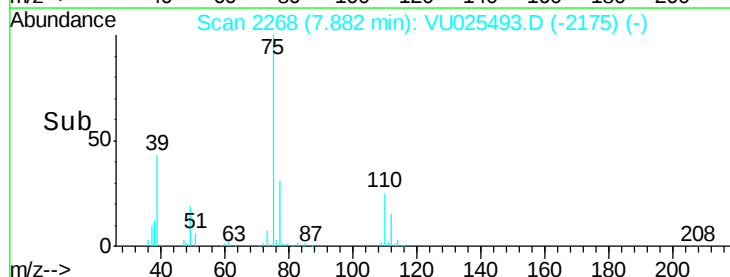
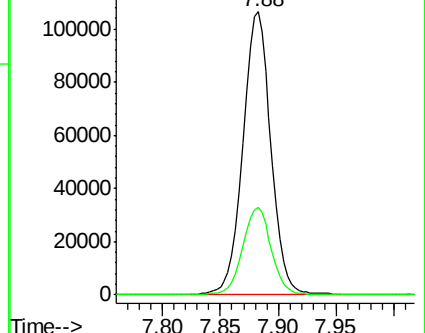
75 100

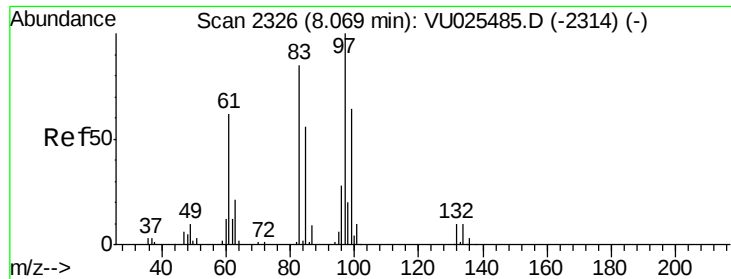
77 30.7 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

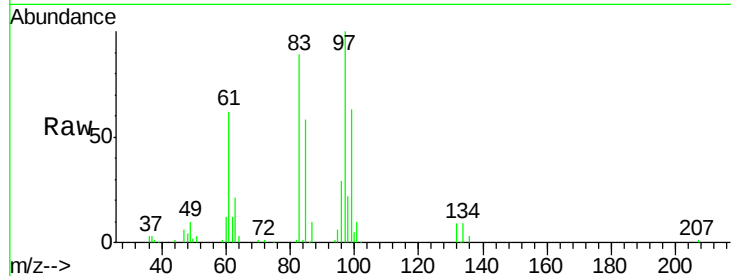
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 25.639 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025493.D
 Acq: 18 Jul 2018 13:19

Tgt Ion:	97	Resp:	61789
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.7	83.1
83	88.6	62.0	115.2
85	57.5	39.6	73.6



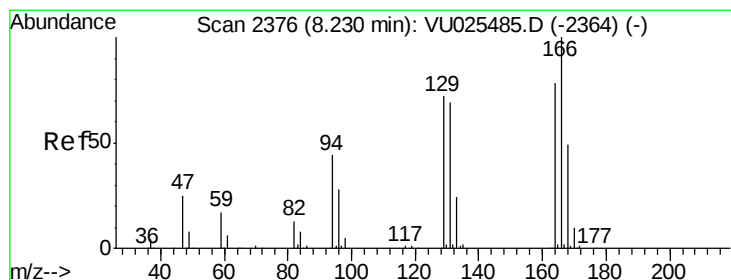
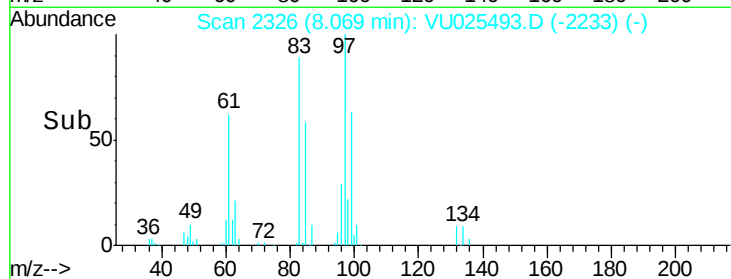
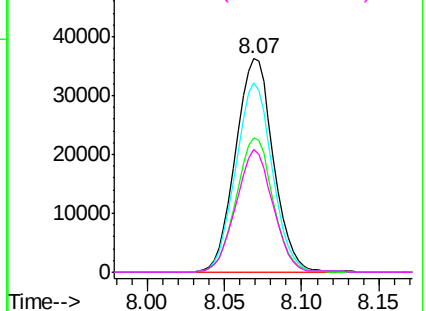
Abundance

Ion 97.00 (96.70 to 97.70): VU025493.D (-2283) (-)

Ion 99.00 (98.70 to 99.70): VU025493.D (-2283) (-)

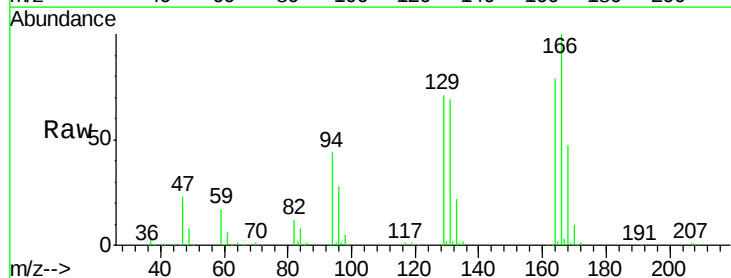
Ion 83.00 (82.70 to 83.70): VU025493.D (-2283) (-)

Ion 85.00 (84.70 to 85.70): VU025493.D (-2283) (-)



#46
 Tetrachloroethene
 Concen: 72.131 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU025493.D
 Acq: 18 Jul 2018 13:19

Tgt Ion:	164	Resp:	146774
Ion	Ratio	Lower	Upper
164	100		
129	90.4	66.5	123.5
131	88.4	63.7	118.3
166	127.4	90.8	168.6



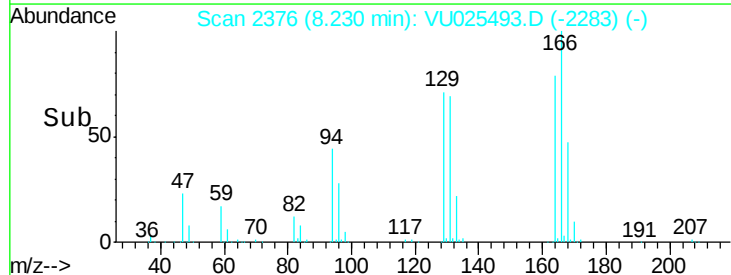
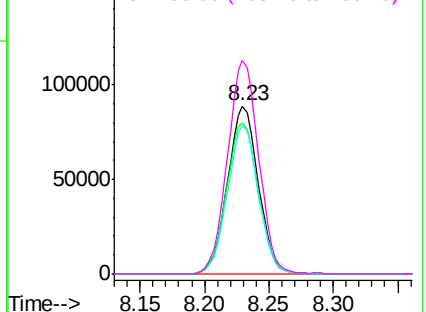
Abundance

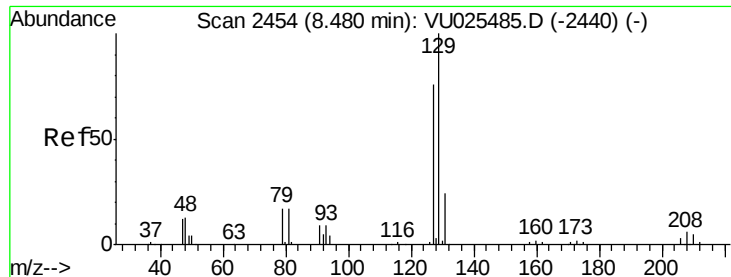
Ion 164.00 (163.70 to 164.70): VU025493.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU025493.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU025493.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU025493.D (-2283) (-)





#49

Dibromochloromethane

Concen: 37.676 ug/L

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025493.D

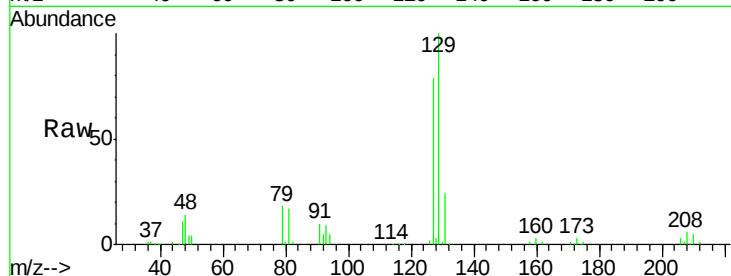
Acq: 18 Jul 2018 13:19

Tgt Ion:129 Resp: 109917

Ion Ratio Lower Upper

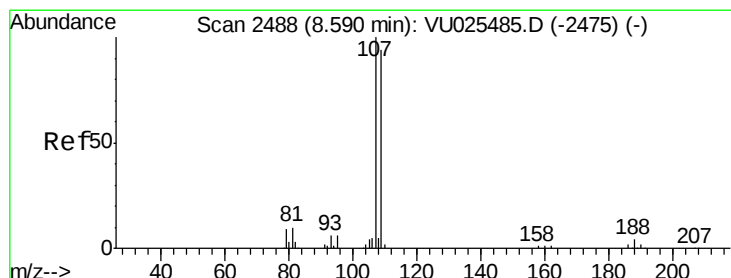
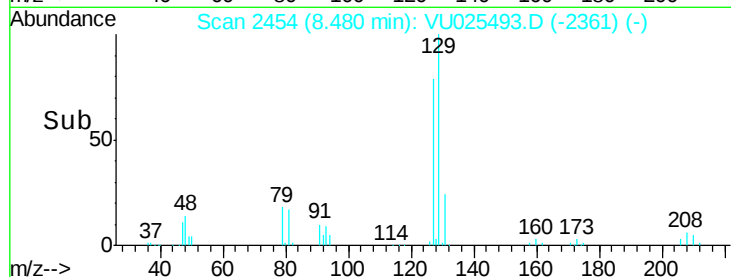
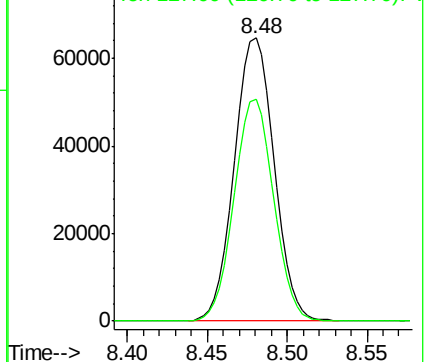
129 100

127 78.5 52.4 97.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 28.411 ug/L

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

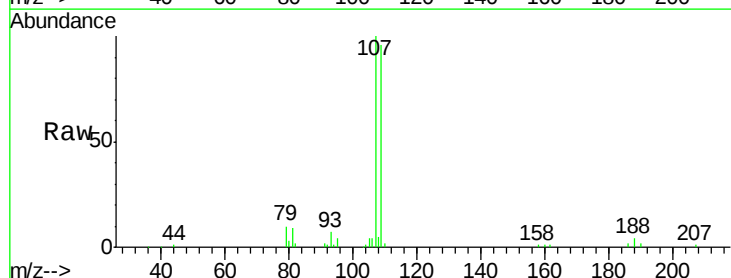
Tgt Ion:107 Resp: 75575

Ion Ratio Lower Upper

107 100

109 95.8 66.5 123.5

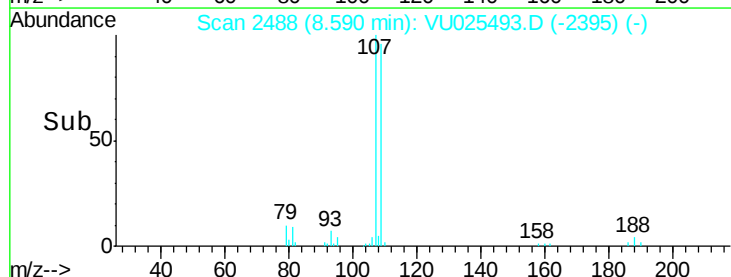
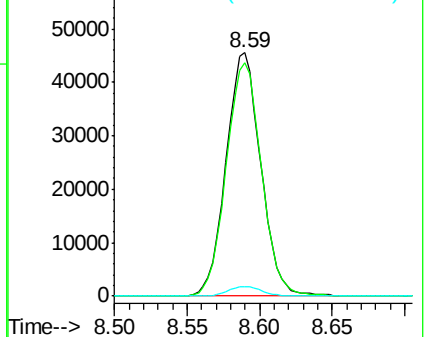
188 4.0 3.4 5.0

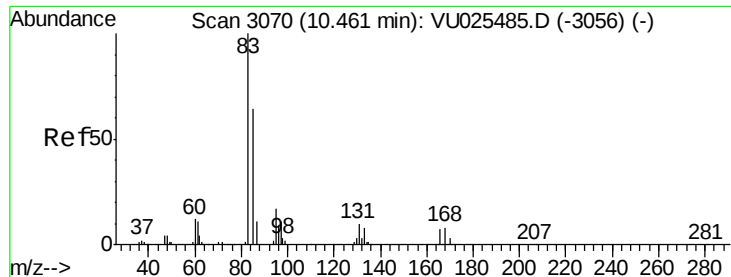


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#58

1,1,2,2-Tetrachloroethane

Concen: 36.272 ug/L

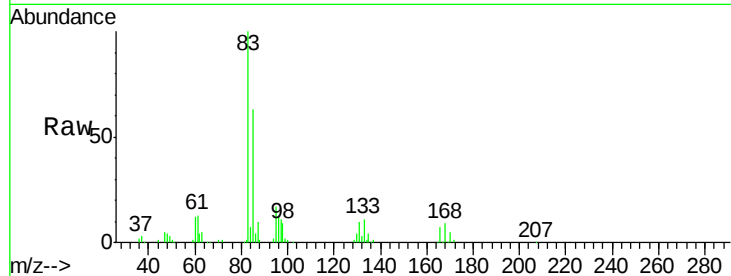
RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

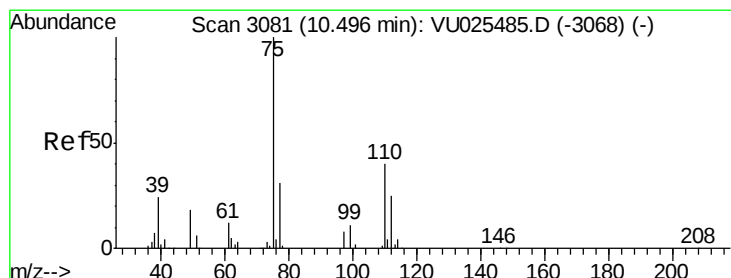
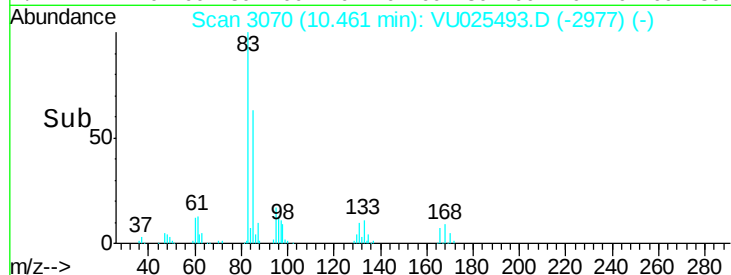
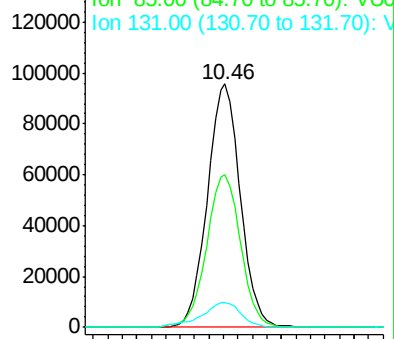
Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

Tgt Ion:	83	Resp:	150501
Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.9	83.5
131	10.4	8.9	13.3



Abundance Ion 83.00 (82.70 to 83.70): VU025485.D (-3056) (-)



#59

1,2,3-Trichloropropane

Concen: 1.394 ug/L

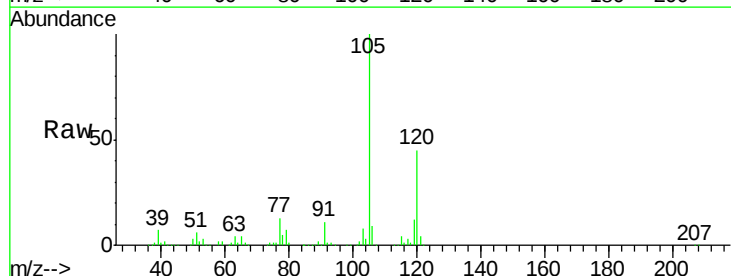
RT: 11.15 min Scan# 3284

Delta R.T. 0.65 min

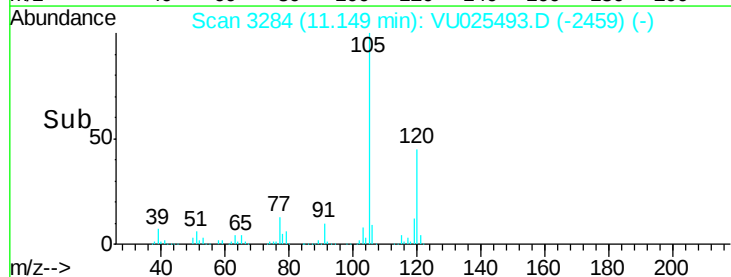
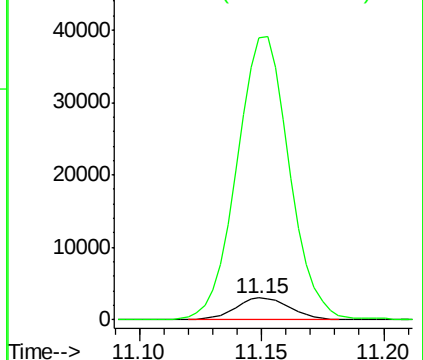
Lab File: VU025493.D

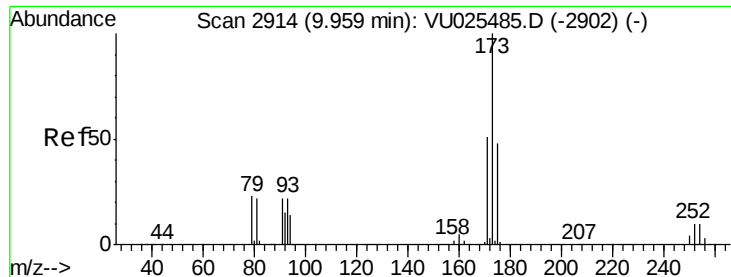
Acq: 18 Jul 2018 13:19

Tgt Ion:	75	Resp:	4711
Ion	Ratio	Lower	Upper
75	100		
77	1239.8	26.2	39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU025485.D (-3068) (-)





#61

Bromoform

Concen: 47.246 ug/L

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

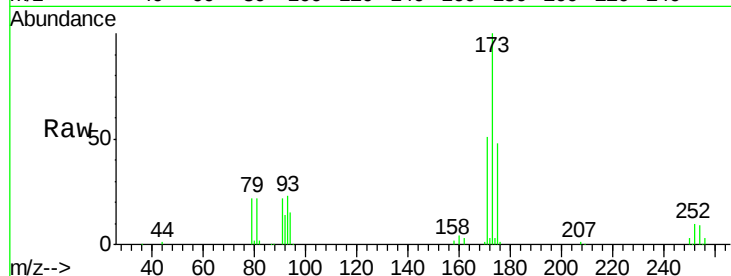
Tgt Ion: 173 Resp: 105759

Ion Ratio Lower Upper

173 100

175 48.1 39.1 58.7

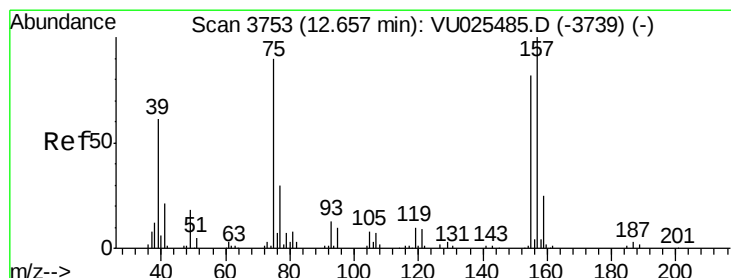
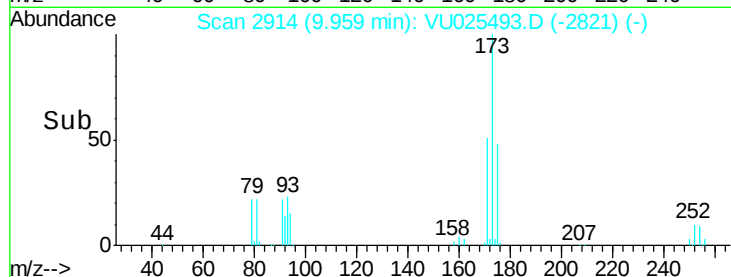
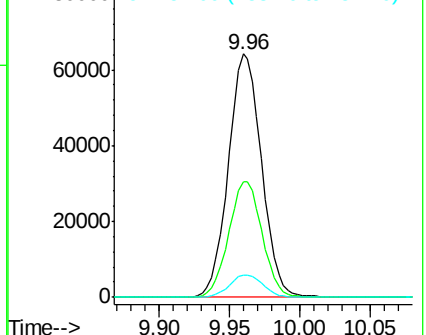
254 9.4 7.3 10.9



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 32.037 ug/L

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU025493.D

Acq: 18 Jul 2018 13:19

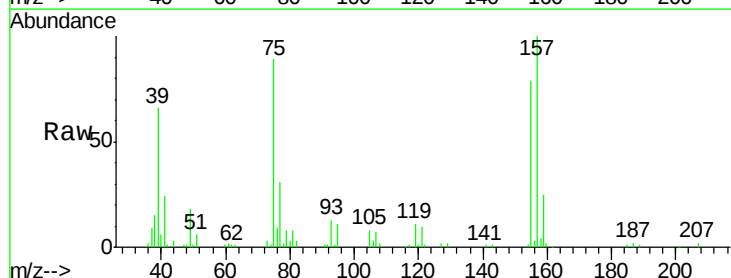
Tgt Ion: 75 Resp: 33296

Ion Ratio Lower Upper

75 100

155 87.9 67.4 101.0

157 111.9 87.9 131.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

