

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025485.D
 Acq On : 18 Jul 2018 09:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 01:03:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	167181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77995	49.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.16%
7) Chloroethane-d5	1.68	69	67887	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.28	63	177738	50.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.86%
21) 2-Butanone-d5	4.17	46	150368	88.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	4.65	84	203954	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
26) 1,2-Dichloroethane-d4	5.31	65	136636	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.35	84	374917	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	122618	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.40%
41) Toluene-d8	7.57	98	357534	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%
43) trans-1,3-Dichloropropene-	7.85	79	62839	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.88%
47) 2-Hexanone-d5	8.31	63	108433	83.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178866	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	159879	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	142767	51.494	ug/L 99
3) Chloromethane	1.33	50	117161	47.753	ug/L 97
5) Vinyl chloride	1.41	62	120474	48.836	ug/L 99
6) Bromomethane	1.63	94	68984	51.307	ug/L 99
8) Chloroethane	1.70	64	73590	49.848	ug/L 100
9) Trichlorofluoromethane	1.89	101	183197	50.514	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	108661	55.184	ug/L 99
12) 1,1-Dichloroethene	2.29	96	93312	51.086	ug/L 99
13) Acetone	2.32	43	179297	121.415	ug/L 99
14) Carbon disulfide	2.48	76	280152	47.466	ug/L 100
15) Methyl Acetate	2.62	43	118260	43.333	ug/L 98
16) Methylene chloride	2.71	84	115434	48.325	ug/L 99
17) trans-1,2-Dichloroethene	2.99	96	107778	49.886	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	367238	47.972	ug/L 99
19) 1,1-Dichloroethane	3.45	63	209577	48.492	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	124634	47.117	ug/L 98
22) 2-Butanone	4.26	43	206088	101.390	ug/L 100

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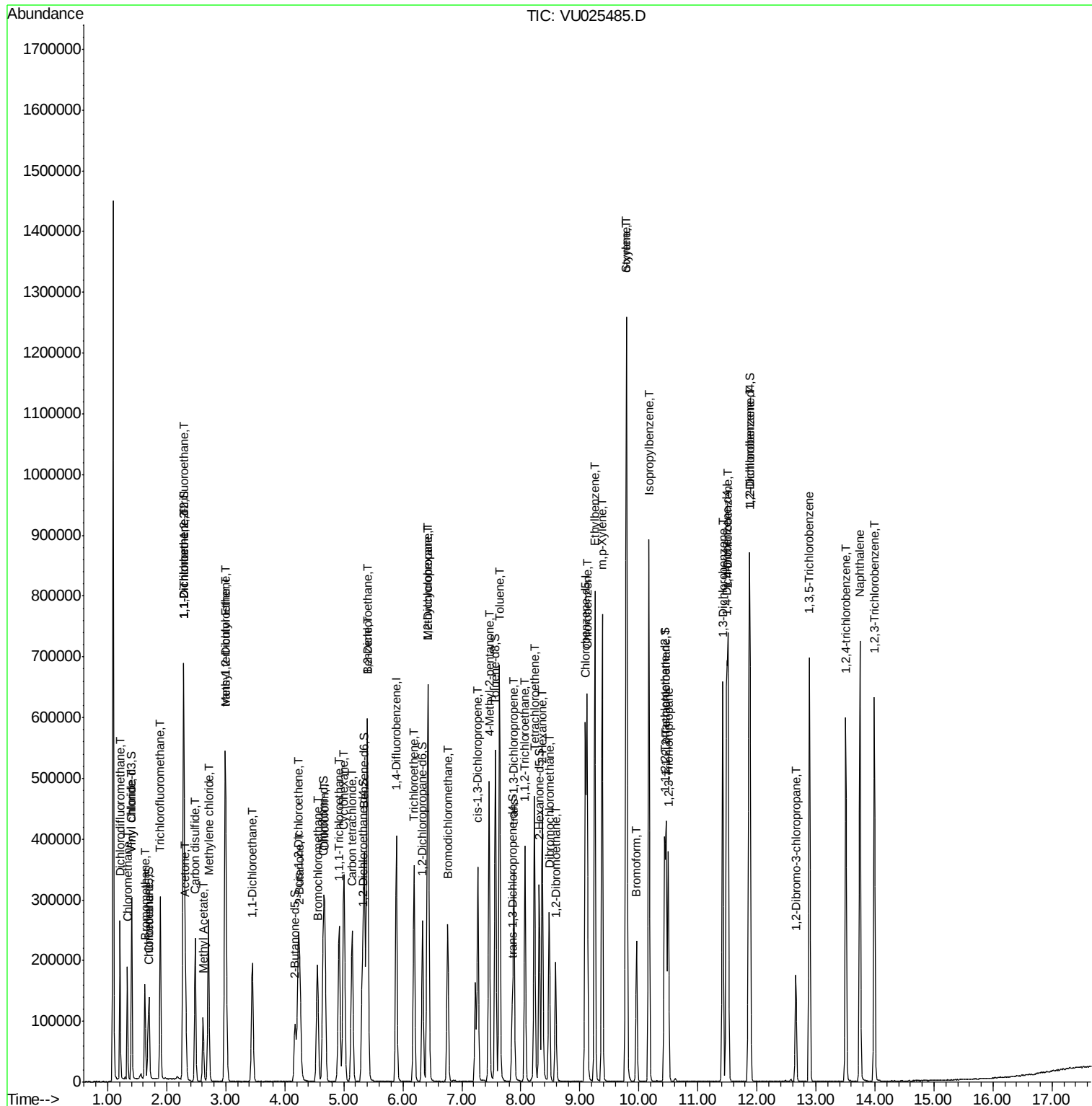
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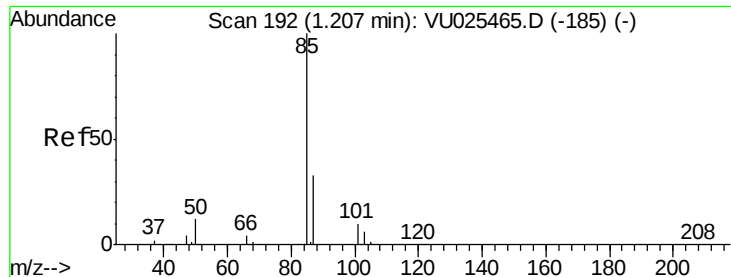
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	65755	49.595	ug/L	97
25) Chloroform	4.68	83	222594	49.014	ug/L	95
27) 1,2-Dichloroethane	5.41	62	182316	48.342	ug/L	98
29) Cyclohexane	5.00	56	181512	50.096	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	202773	48.427	ug/L	99
31) Carbon tetrachloride	5.14	117	182565	49.631	ug/L	100
33) Benzene	5.39	78	453981	48.771	ug/L	100
34) Trichloroethene	6.19	95	120105	48.741	ug/L	98
35) Methylcyclohexane	6.42	83	197251	52.724	ug/L	99
37) 1,2-Dichloropropane	6.44	63	126896	49.418	ug/L	99
38) Bromodichloromethane	6.76	83	166985	48.162	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	200018	50.274	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	326015	87.540	ug/L	99
42) Toluene	7.64	91	494219	49.794	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	190413	49.854	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	118087	48.503	ug/L	98
46) Tetrachloroethene	8.23	164	106151	51.639	ug/L	98
48) 2-Hexanone	8.36	43	288478	96.953	ug/L	99
49) Dibromochloromethane	8.48	129	142951	48.503	ug/L	98
50) 1,2-Dibromoethane	8.59	107	127210	47.339	ug/L	99
51) Chlorobenzene	9.12	112	331204	49.732	ug/L	99
52) Ethylbenzene	9.25	91	560644	50.602	ug/L	98
53) m,p-Xylene	9.38	106	216519	50.987	ug/L	95
54) o-xylene	9.78	106	214443	50.056	ug/L	98
55) Styrene	9.80	104	363088	51.315	ug/L	100
56) Isopropylbenzene	10.17	105	569839	51.363	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	194071	46.300	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	155868	45.645	ug/L	98
61) Bromoform	9.96	173	104983	44.517	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	269236	48.590	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	269845	48.191	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	280264	47.902	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	43390	39.629	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	216226	50.769	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	187006	49.242	ug/L	99
69) Naphthalene	13.74	128	573024	43.608	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	196815	48.052	ug/L	99

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

```
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#2

Dichlorodifluoromethane

Concen: 51.494 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025485.D

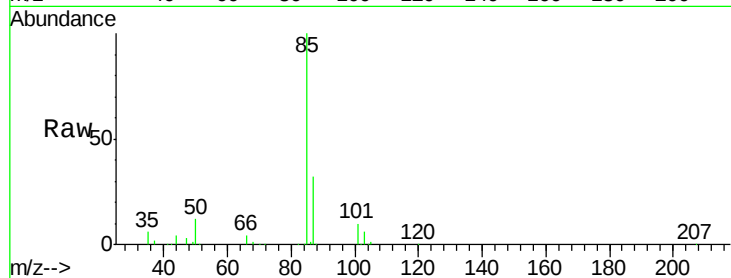
Acq: 18 Jul 2018 09:38

Tgt Ion: 85 Resp: 142767

Ion Ratio Lower Upper

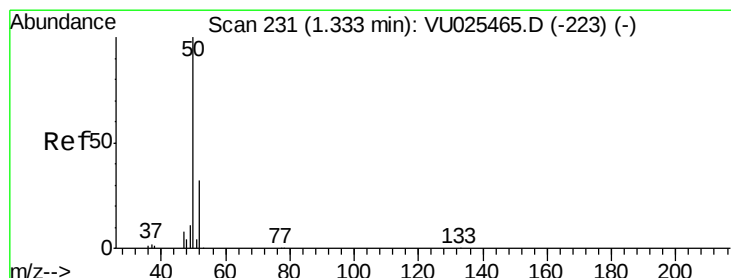
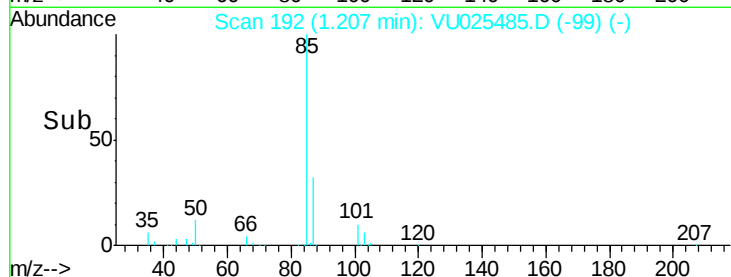
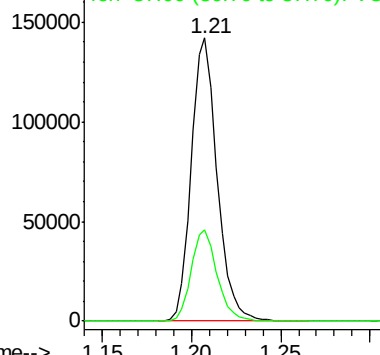
85 100

87 32.1 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: 47.753 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025485.D

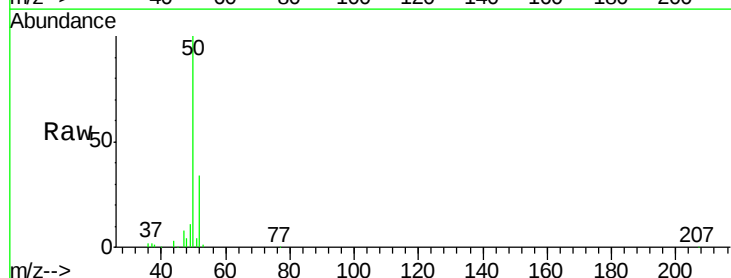
Acq: 18 Jul 2018 09:38

Tgt Ion: 50 Resp: 117161

Ion Ratio Lower Upper

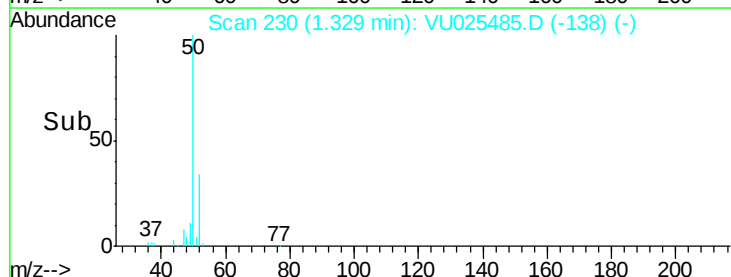
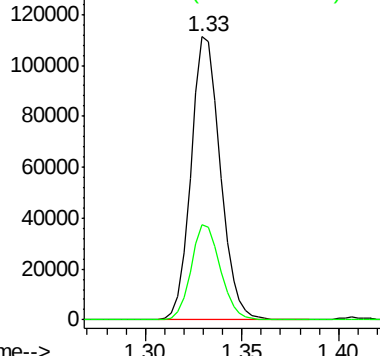
50 100

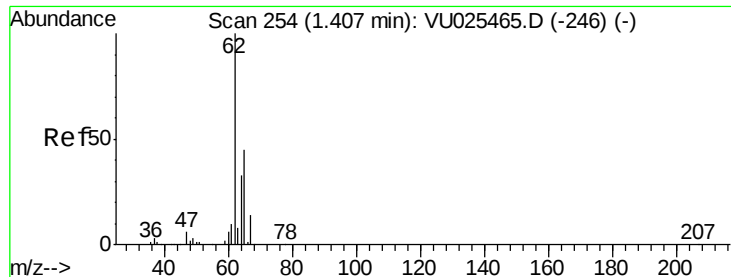
52 33.6 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 48.836 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025485.D

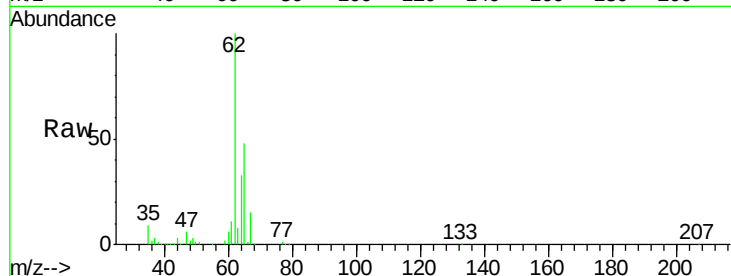
Acq: 18 Jul 2018 09:38

Tgt Ion: 62 Resp: 120474

Ion Ratio Lower Upper

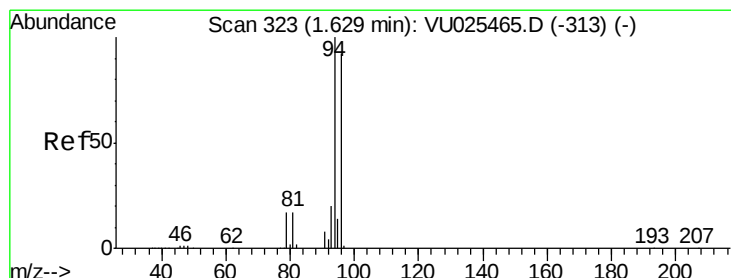
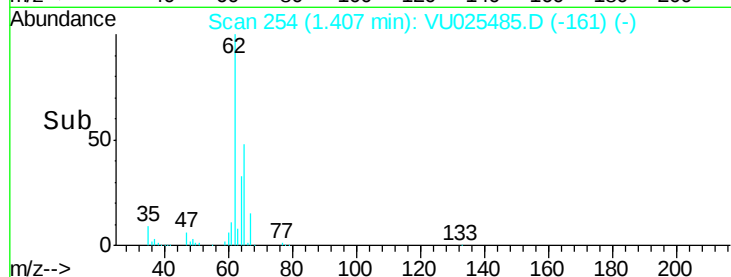
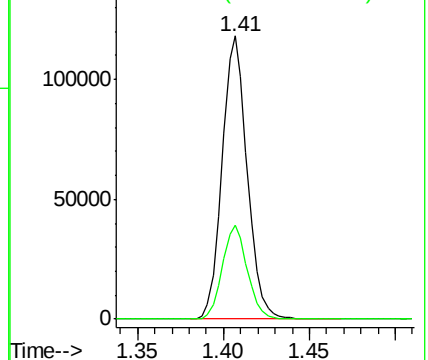
62 100

64 33.0 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: 51.307 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025485.D

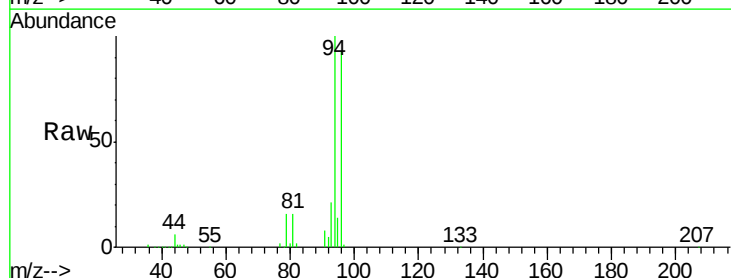
Acq: 18 Jul 2018 09:38

Tgt Ion: 94 Resp: 68984

Ion Ratio Lower Upper

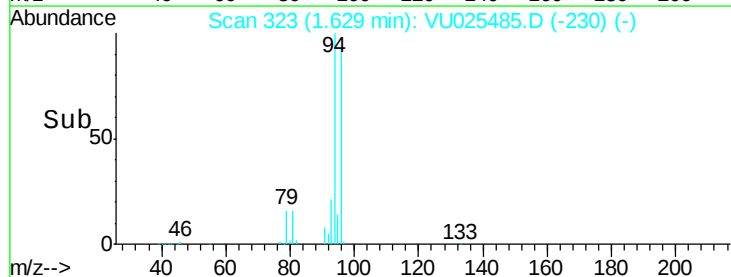
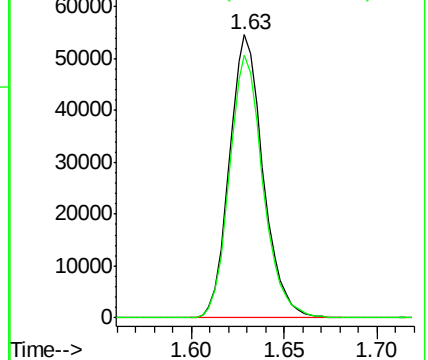
94 100

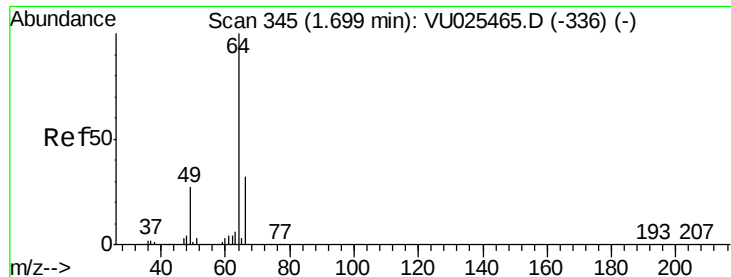
96 93.0 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 49.848 ug/L

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025485.D

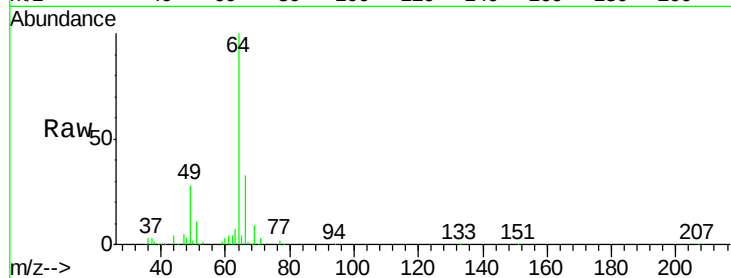
Acq: 18 Jul 2018 09:38

Tgt Ion: 64 Resp: 73590

Ion Ratio Lower Upper

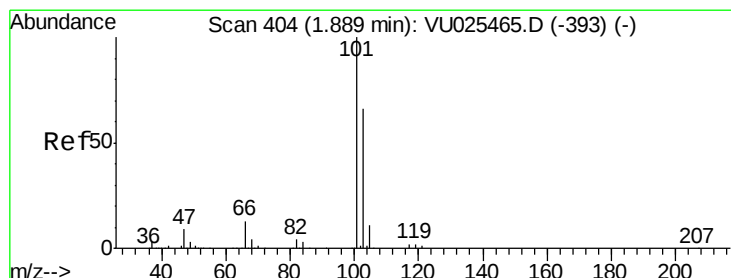
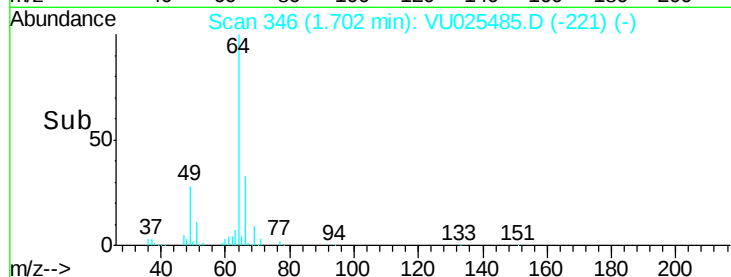
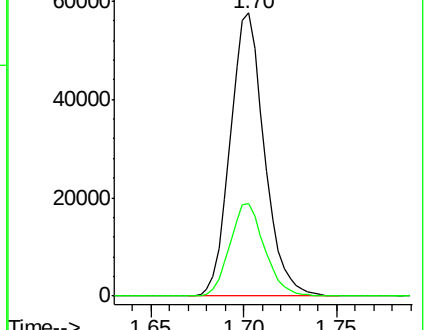
64 100

66 32.9 23.0 42.8



Abundance Ion 64.00 (63.70 to 64.70): VU025485.D (-221) (-)

Ion 66.00 (65.70 to 66.70): VU025485.D (-221) (-)



#9

Trichlorofluoromethane

Concen: 50.514 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025485.D

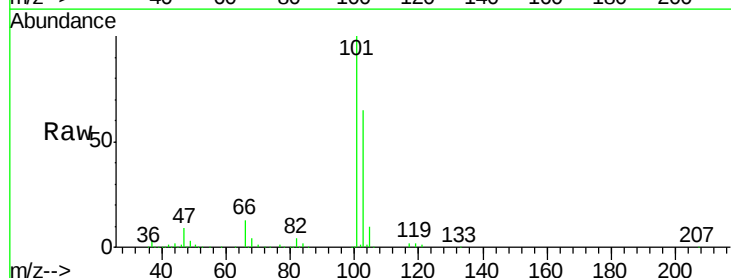
Acq: 18 Jul 2018 09:38

Tgt Ion: 101 Resp: 183197

Ion Ratio Lower Upper

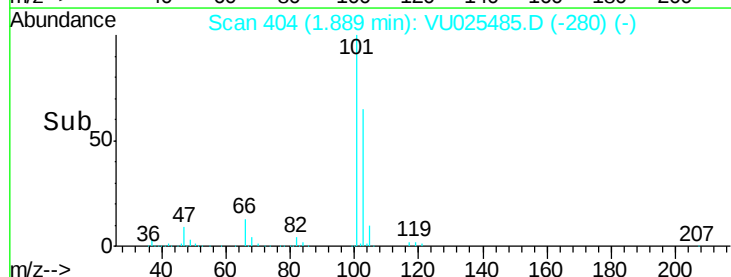
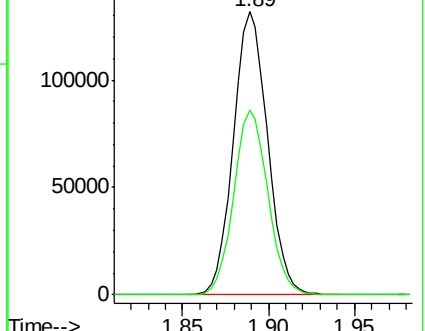
101 100

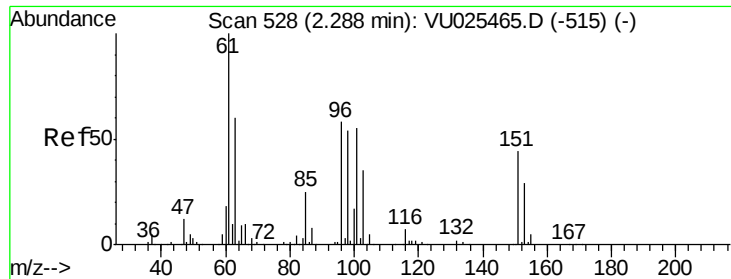
103 65.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU025485.D (-280) (-)

Ion 103.00 (102.70 to 103.70): VU025485.D (-280) (-)





#10

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

Concen: 55.184 ug/L

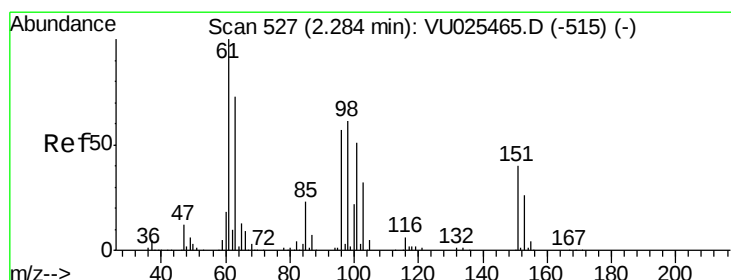
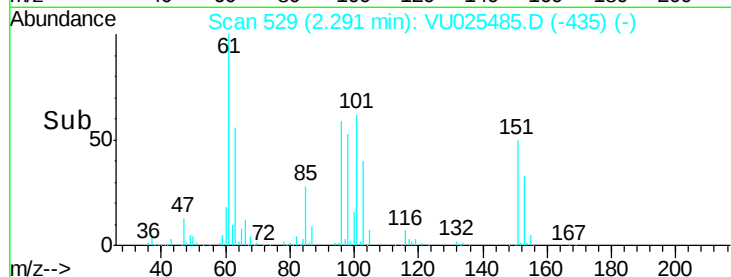
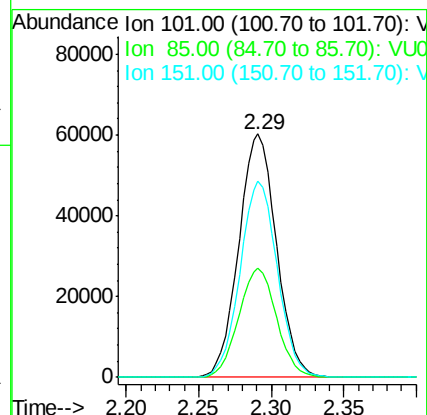
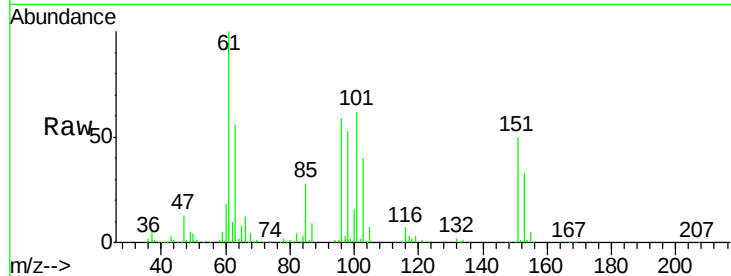
RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	101	Resp:	108661
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.4	53.2
151	80.0	65.0	97.4



#12

1,1-Dichloroethene

Concen: 51.086 ug/L

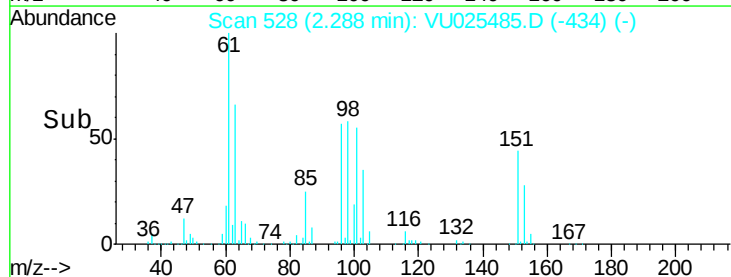
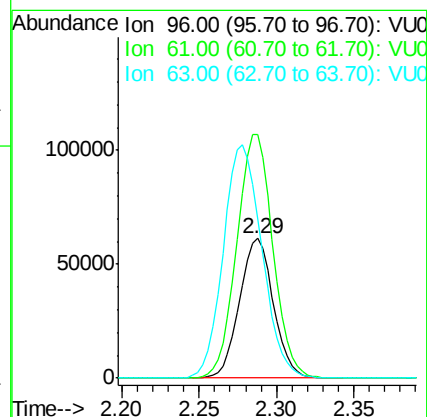
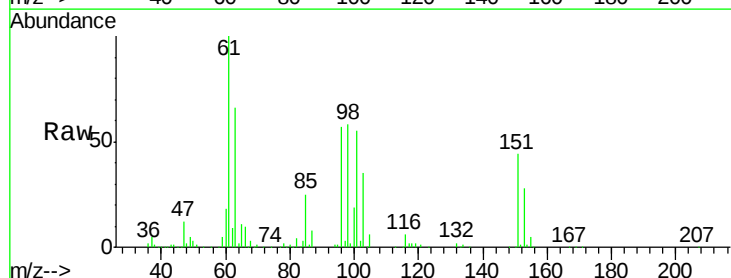
RT: 2.29 min Scan# 528

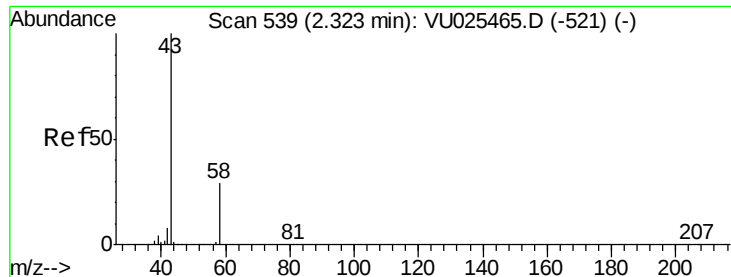
Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	96	Resp:	93312
Ion	Ratio	Lower	Upper
96	100		
61	174.4	120.6	224.0
63	114.4	79.3	147.3





#13

Acetone

Concen: 121.415 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025485.D

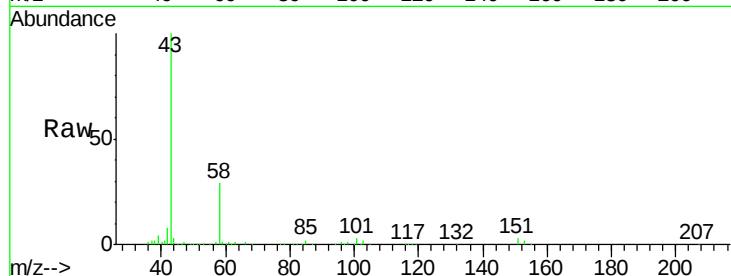
Acq: 18 Jul 2018 09:38

Tgt Ion: 43 Resp: 179297

Ion Ratio Lower Upper

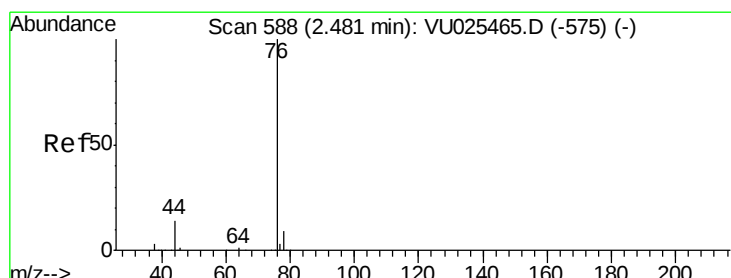
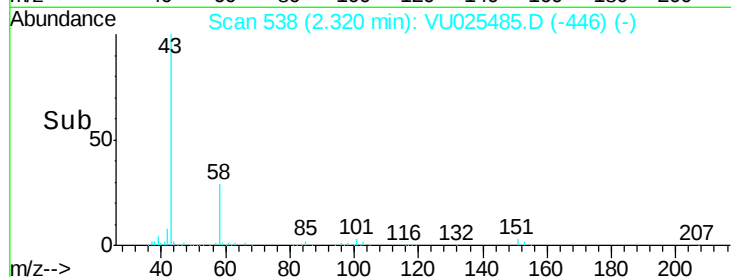
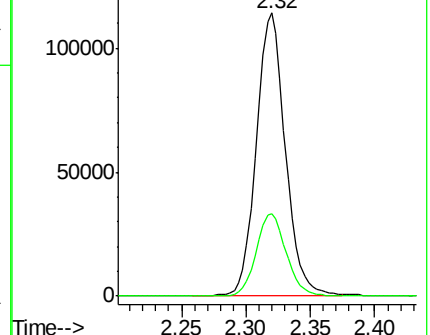
43 100

58 30.1 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 47.466 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025485.D

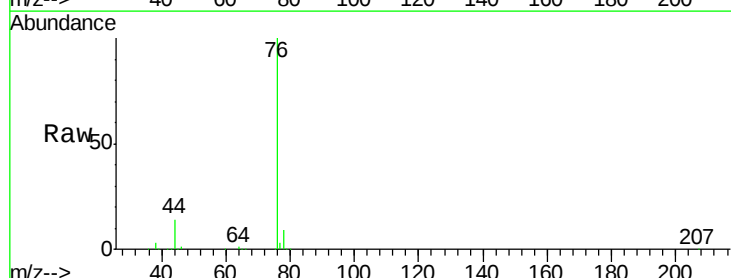
Acq: 18 Jul 2018 09:38

Tgt Ion: 76 Resp: 280152

Ion Ratio Lower Upper

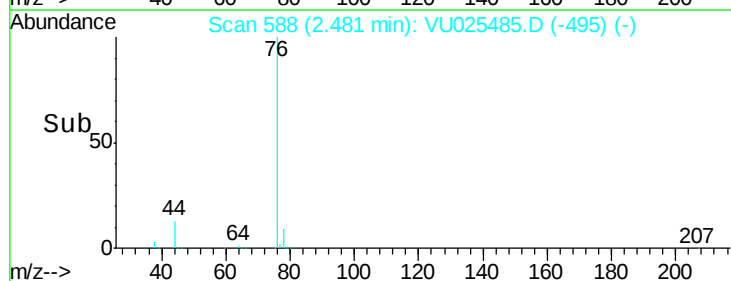
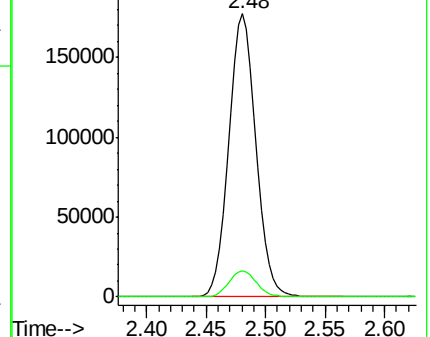
76 100

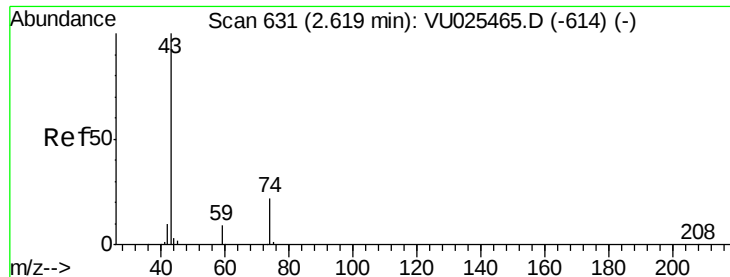
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

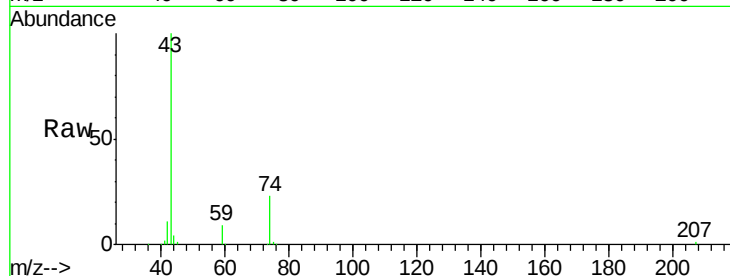
Ion 78.00 (77.70 to 78.70): VU0



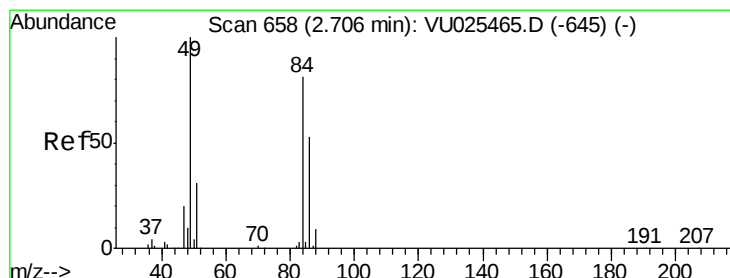
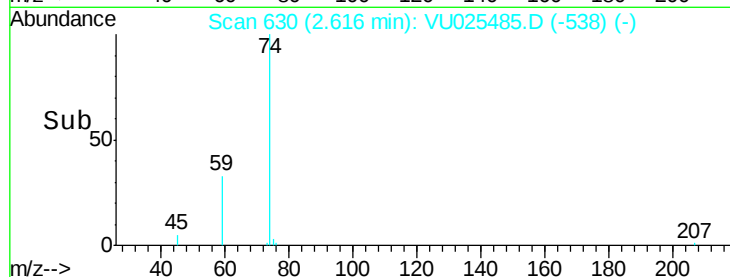
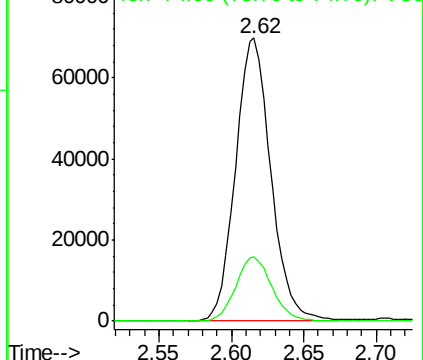


#15
Methyl Acetate
Concen: 43.333 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion: 43 Resp: 118260
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8

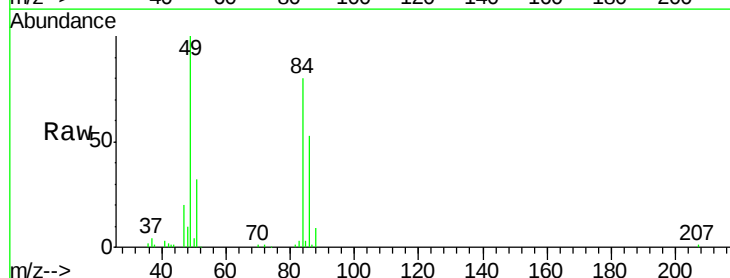


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

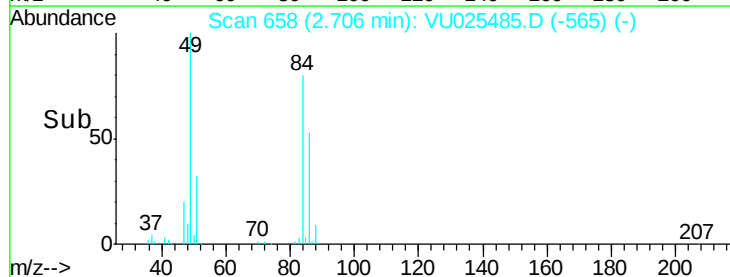
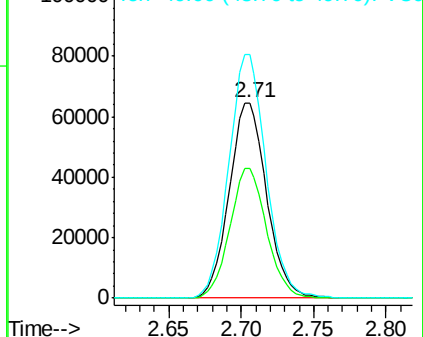


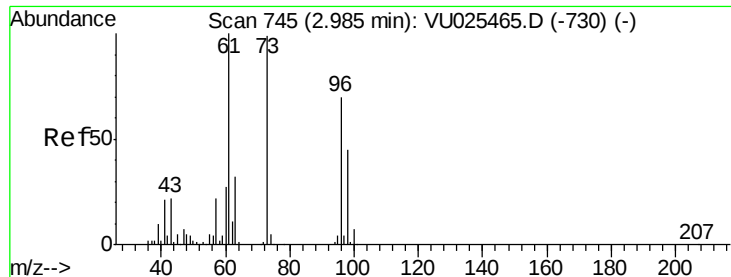
#16
Methylene chloride
Concen: 48.325 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion: 84 Resp: 115434
Ion Ratio Lower Upper
84 100
86 66.5 46.3 85.9
49 124.4 87.9 163.3



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 49.886 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

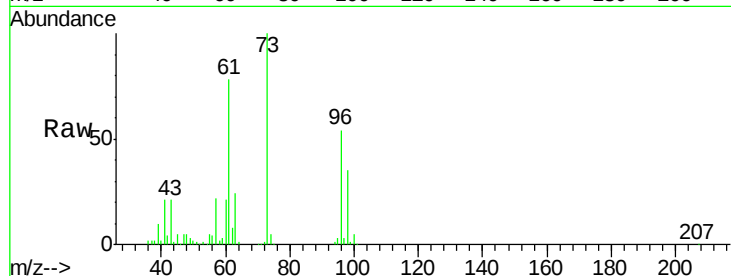
Tgt Ion: 96 Resp: 107778

Ion Ratio Lower Upper

96 100

61 144.5 103.6 192.4

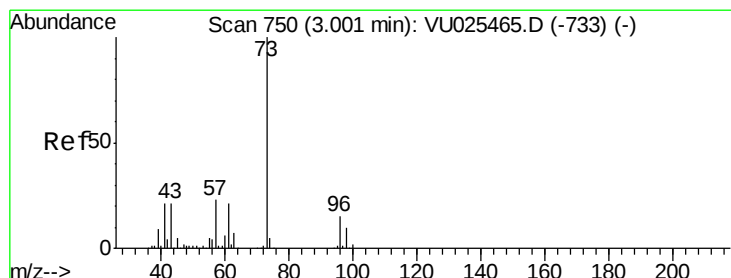
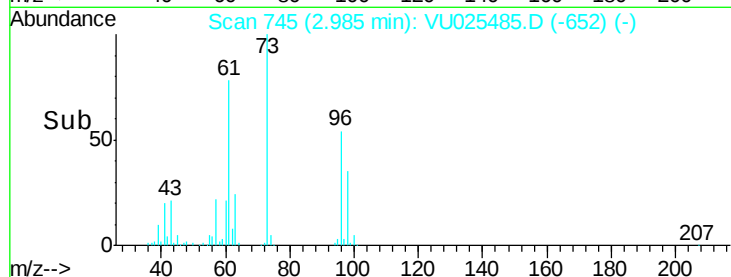
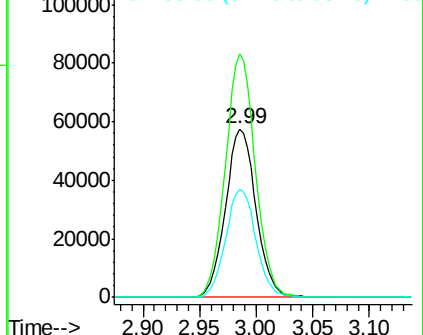
98 63.9 44.8 83.2



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



#18

Methyl tert-butyl Ether

Concen: 47.972 ug/L

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

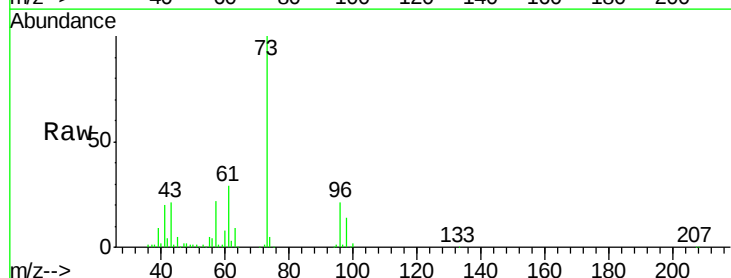
Tgt Ion: 73 Resp: 367238

Ion Ratio Lower Upper

73 100

43 20.9 16.6 24.8

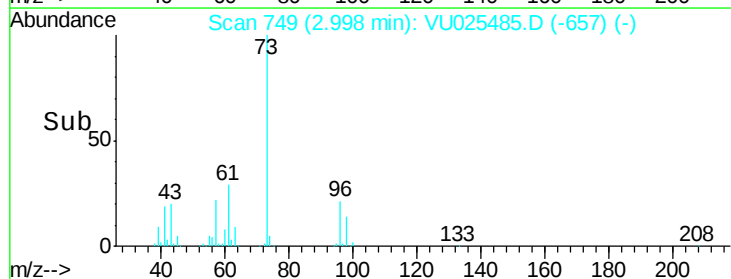
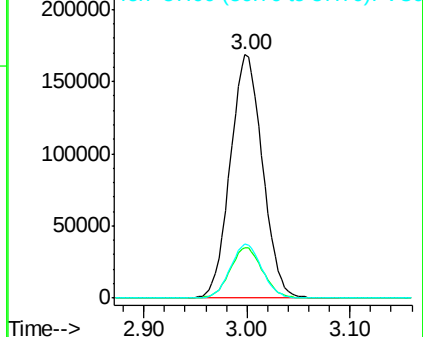
57 21.7 17.0 25.6

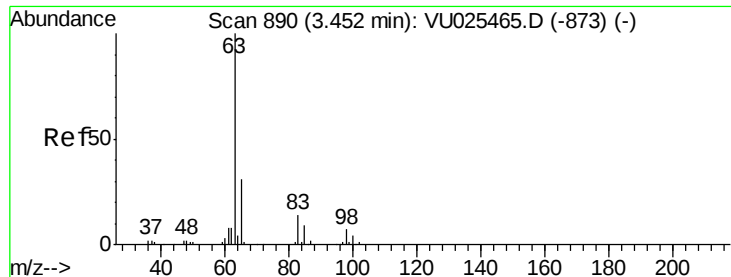


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

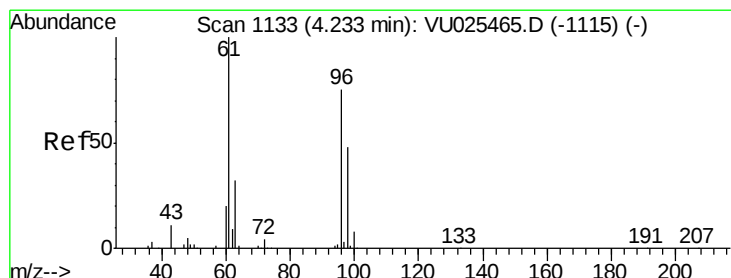
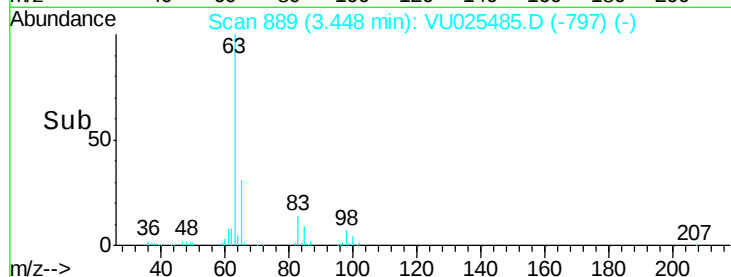
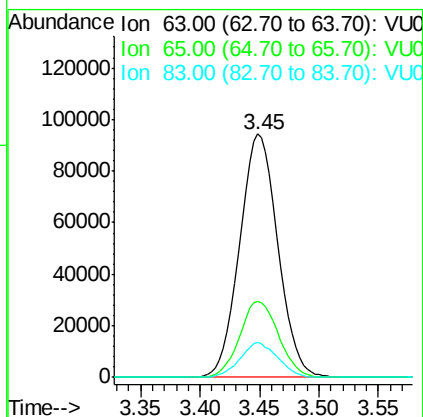
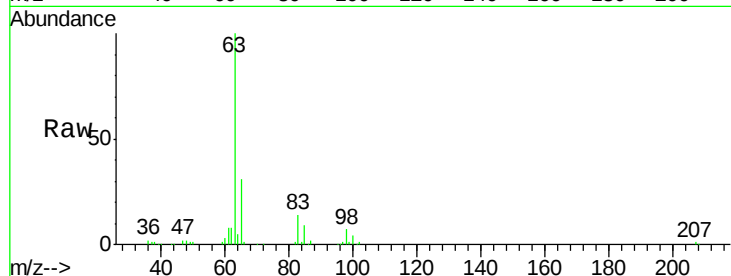
Ion 57.00 (56.70 to 57.70): VU0





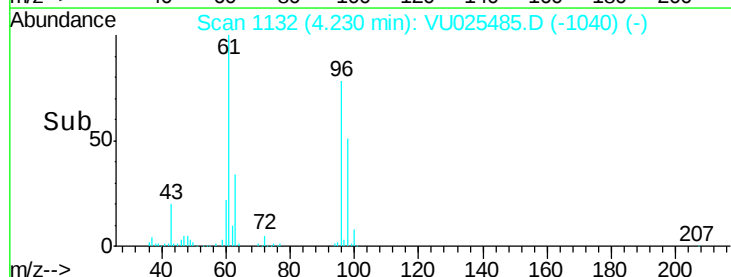
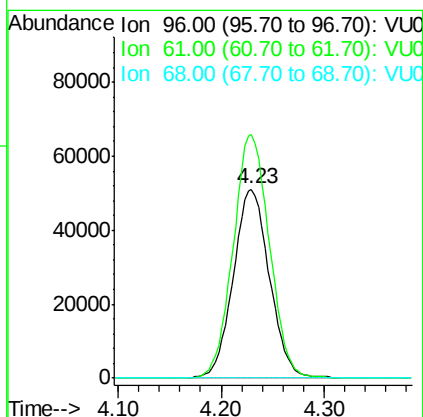
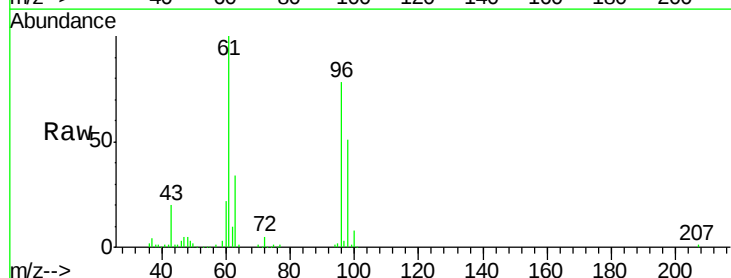
#19
 1,1-Dichloroethane
 Concen: 48.492 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

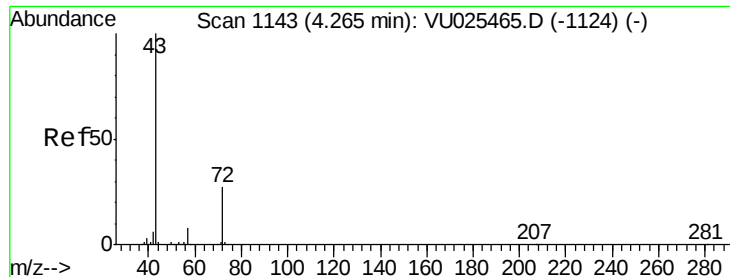
Tgt Ion:	63	Resp:	209577
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.7	42.1
83	14.4	9.9	18.3



#20
 cis-1,2-Dichloroethene
 Concen: 47.117 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

Tgt Ion:	96	Resp:	124634
Ion	Ratio	Lower	Upper
96	100		
61	129.0	91.7	170.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 101.390 ug/L

RT: 4.26 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VU025485.D

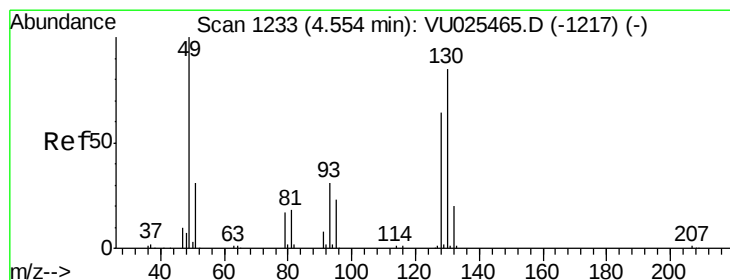
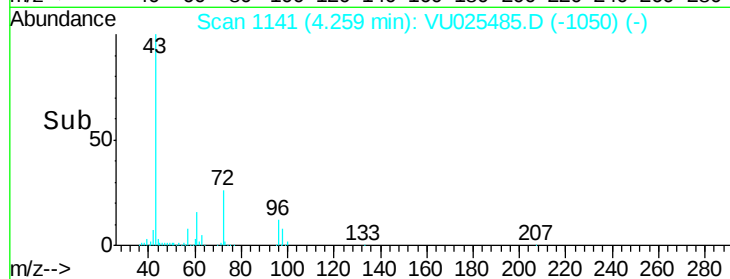
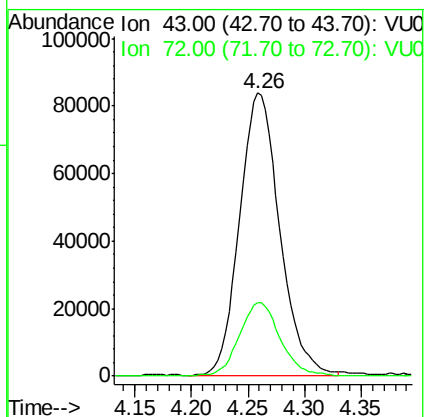
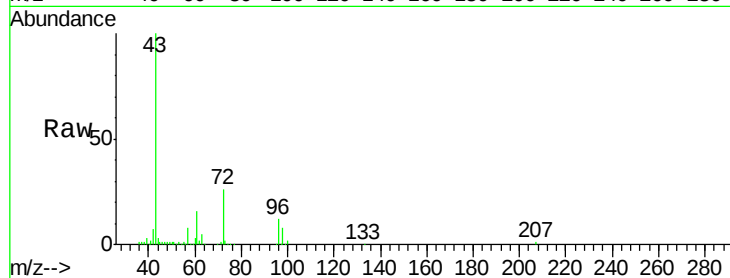
Acq: 18 Jul 2018 09:38

Tgt Ion: 43 Resp: 206088

Ion Ratio Lower Upper

43 100

72 26.7 13.4 40.2



#23

Bromochloromethane

Concen: 49.595 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion: 128 Resp: 65755

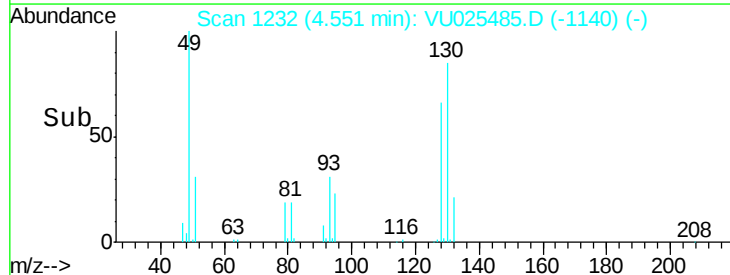
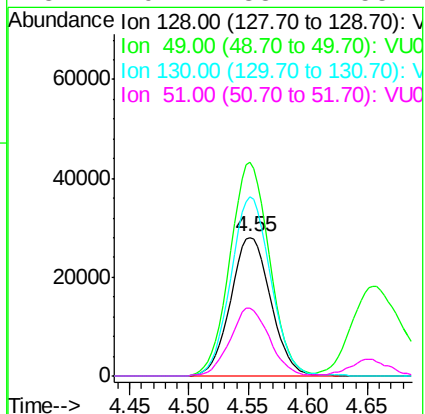
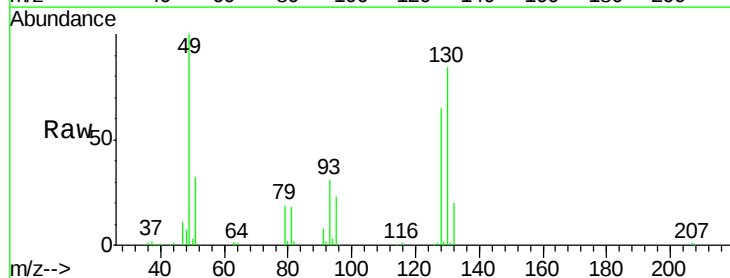
Ion Ratio Lower Upper

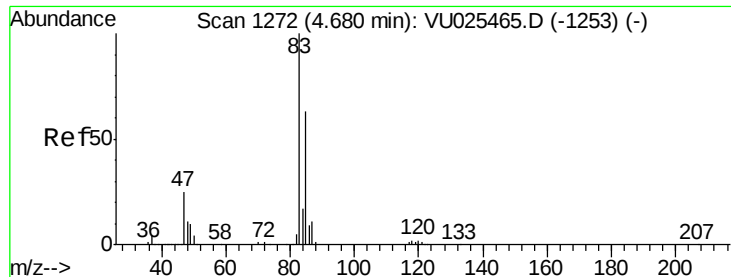
128 100

49 154.0 103.0 191.2

130 128.7 88.5 164.3

51 49.2 38.7 58.1





#25

Chloroform

Concen: 49.014 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025485.D

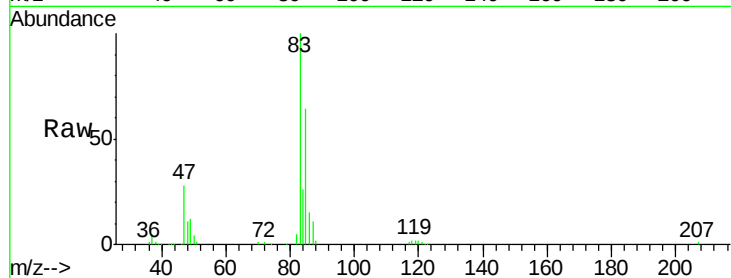
Acq: 18 Jul 2018 09:38

Tgt Ion: 83 Resp: 222594

Ion Ratio Lower Upper

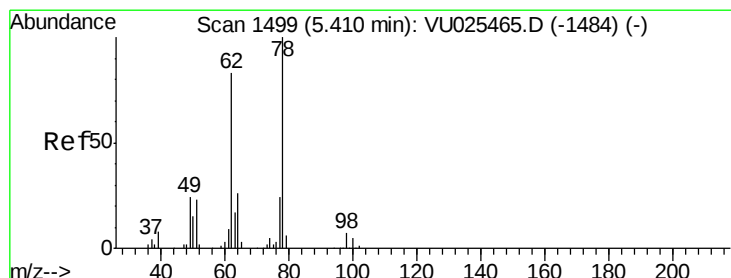
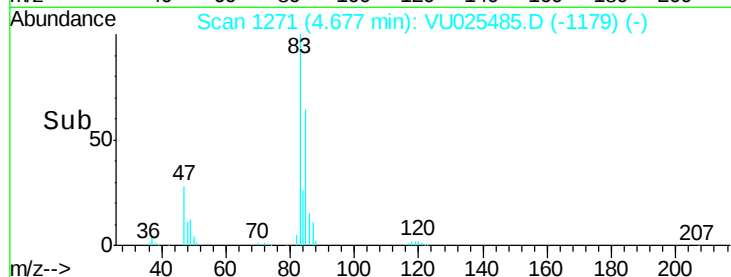
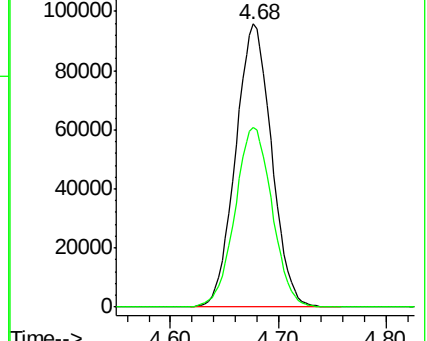
83 100

85 63.7 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 48.342 ug/L

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025485.D

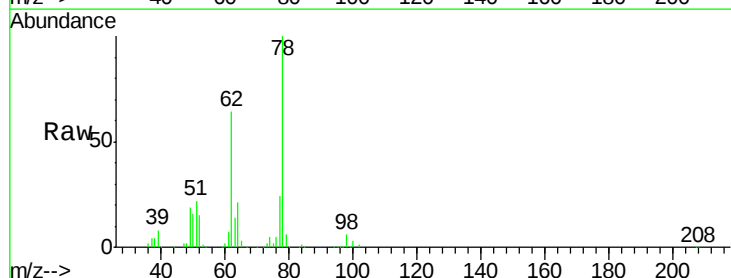
Acq: 18 Jul 2018 09:38

Tgt Ion: 62 Resp: 182316

Ion Ratio Lower Upper

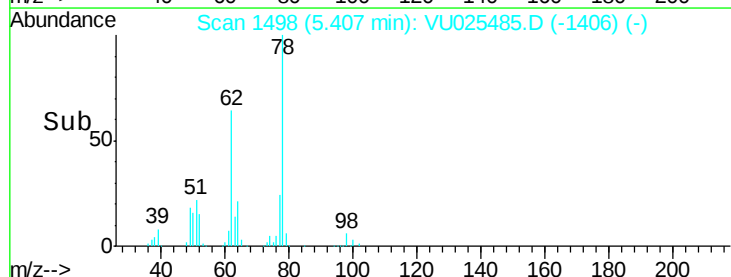
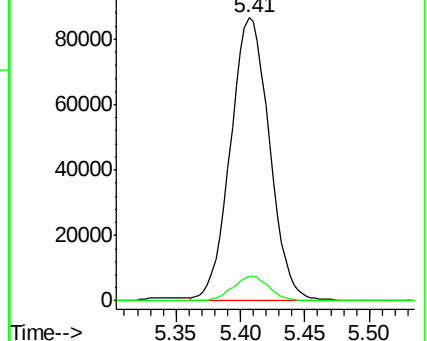
62 100

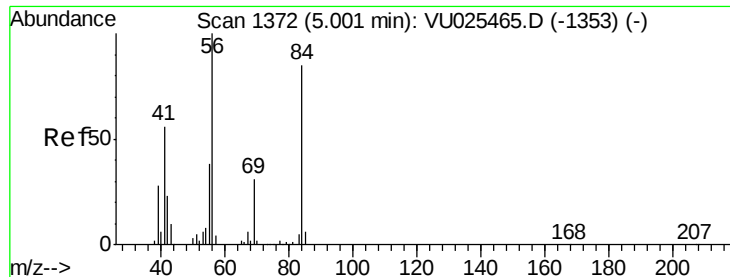
98 8.8 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

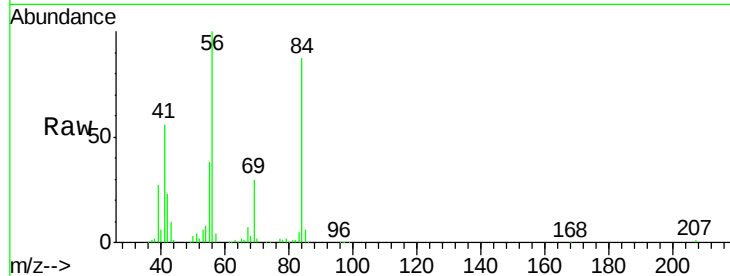
Ion 98.00 (97.70 to 98.70): VU0



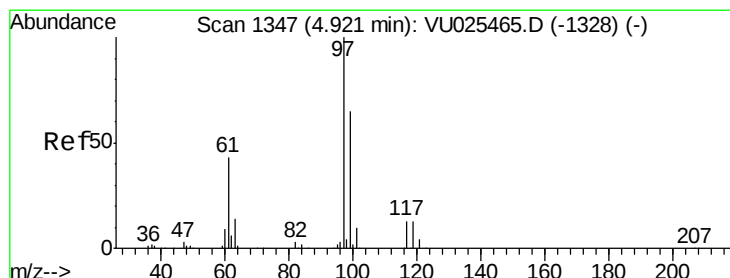
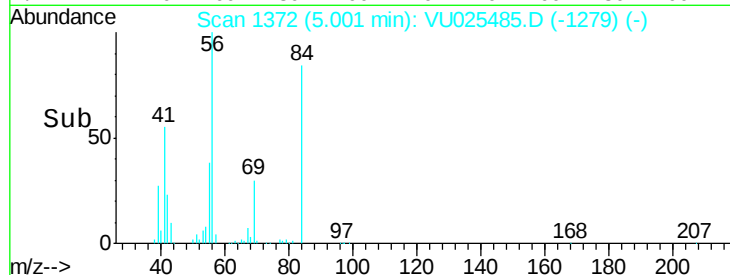
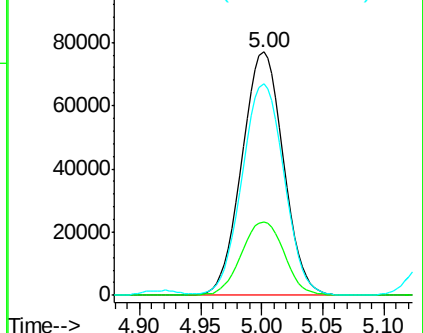


#29
Cyclohexane
Concen: 50.096 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.4
84	88.6	70.3	105.5

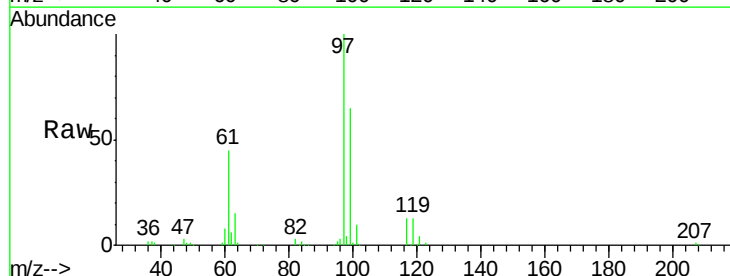


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

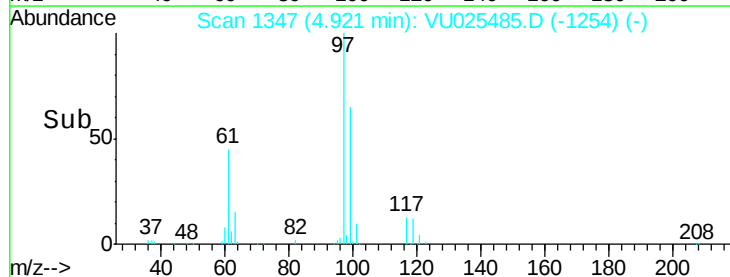
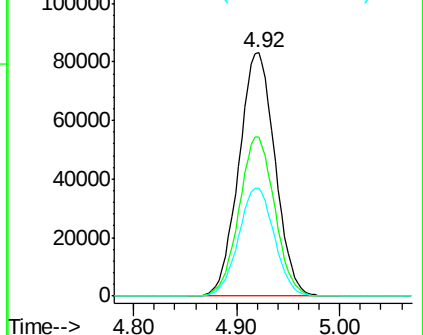


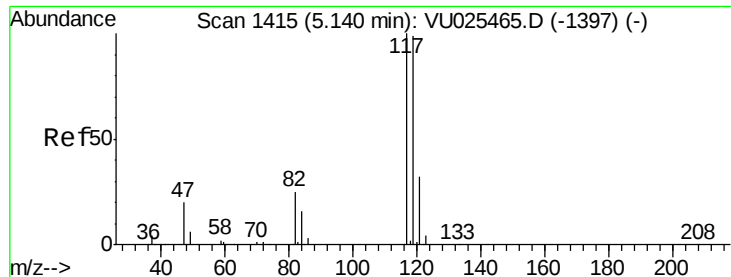
#30
1,1,1-Trichloroethane
Concen: 48.427 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	43.8	34.1	51.1



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 49.631 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025485.D

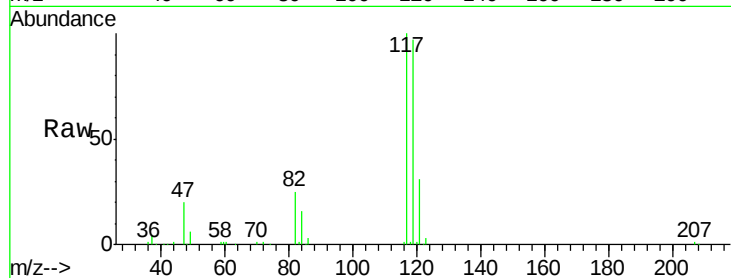
Acq: 18 Jul 2018 09:38

Tgt Ion: 117 Resp: 182565

Ion Ratio Lower Upper

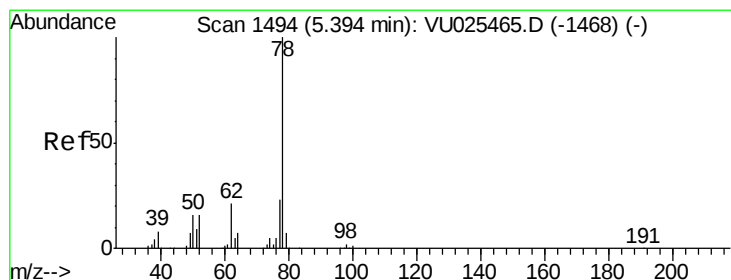
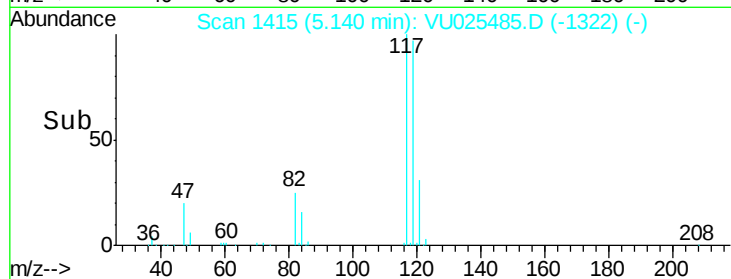
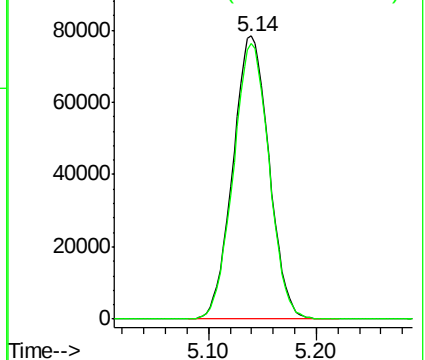
117 100

119 96.3 77.1 115.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 48.771 ug/L

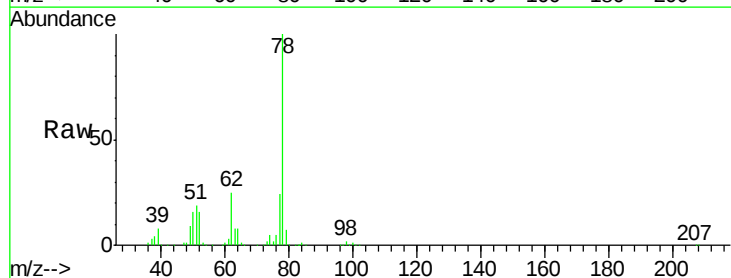
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

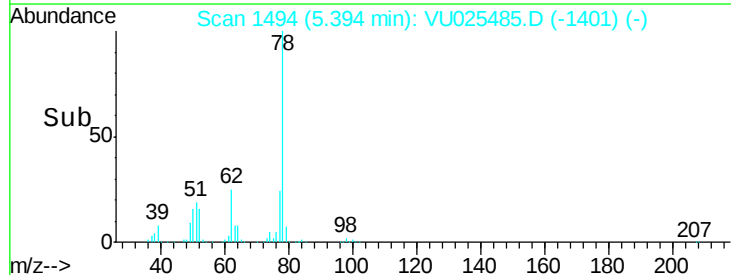
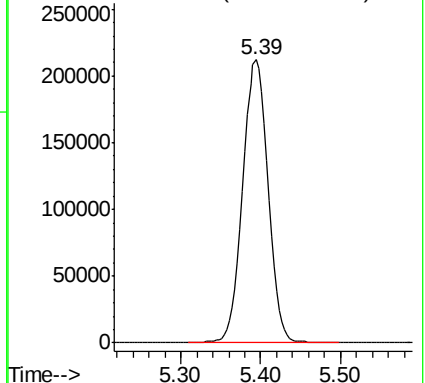
Lab File: VU025485.D

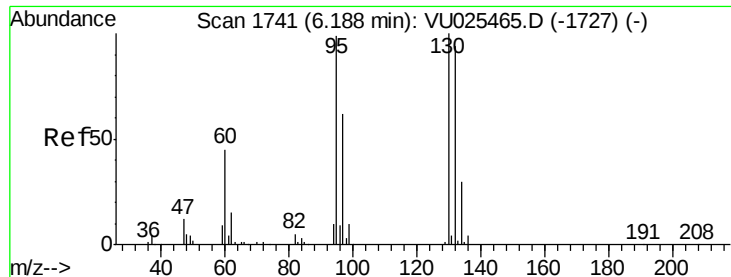
Acq: 18 Jul 2018 09:38

Tgt Ion: 78 Resp: 453981



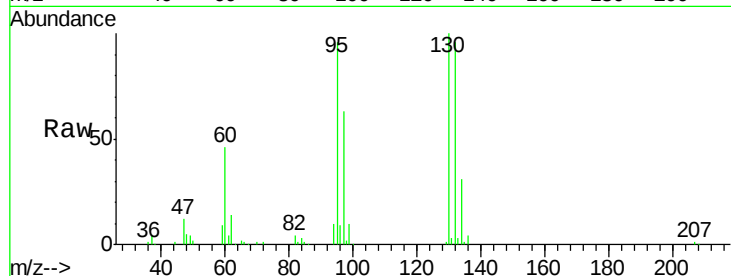
Abundance Ion 78.00 (77.70 to 78.70): VU0



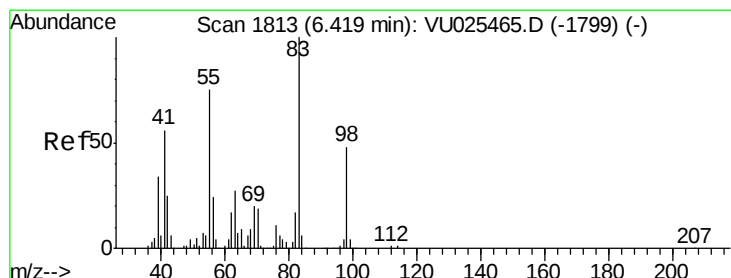
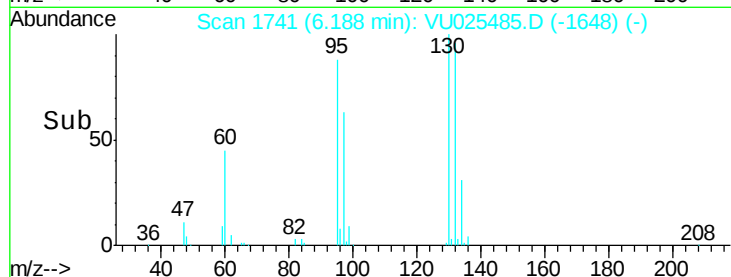
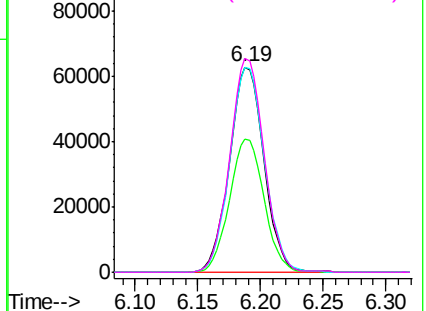


#34
 Trichloroethene
 Concen: 48.741 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

Tgt Ion:	95	Resp:	120105
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.9	85.3
132	100.0	68.2	126.6
130	104.2	71.8	133.4

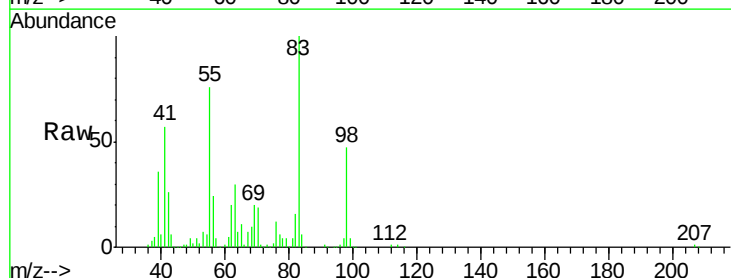


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

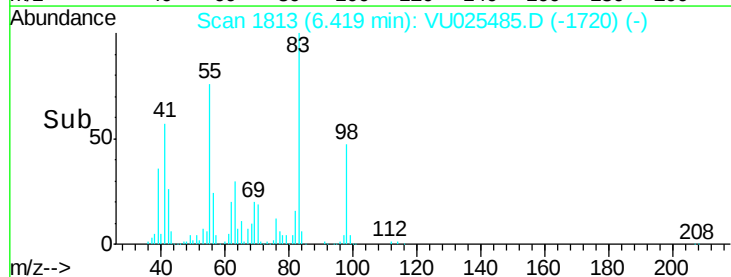
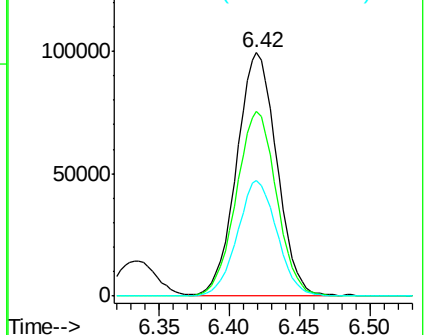


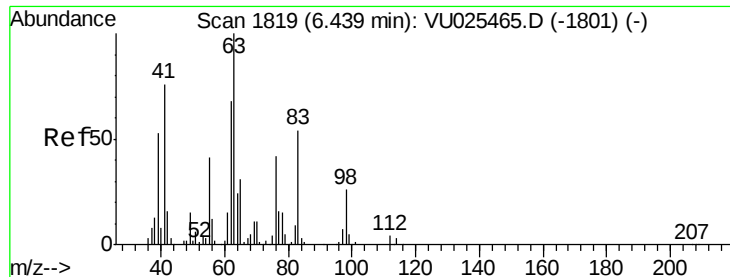
#35
 Methylcyclohexane
 Concen: 52.724 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

Tgt Ion:	83	Resp:	197251
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	47.0	38.7	58.1



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 49.418 ug/L

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025485.D

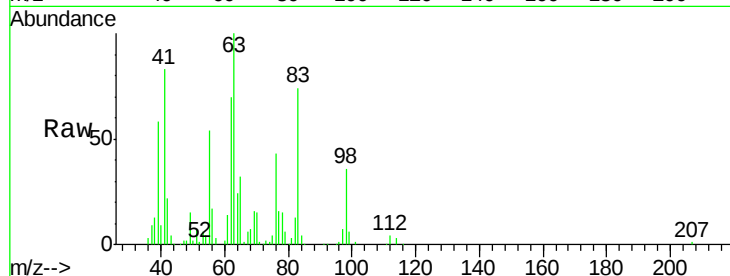
Acq: 18 Jul 2018 09:38

Tgt Ion: 63 Resp: 126896

Ion Ratio Lower Upper

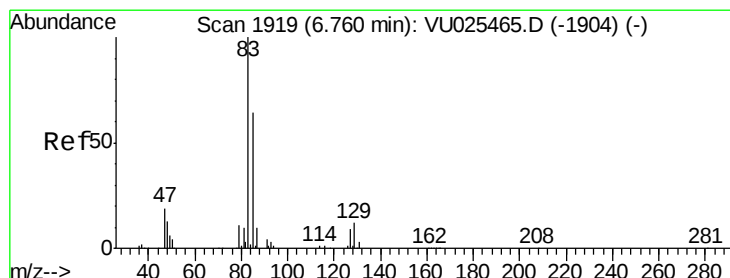
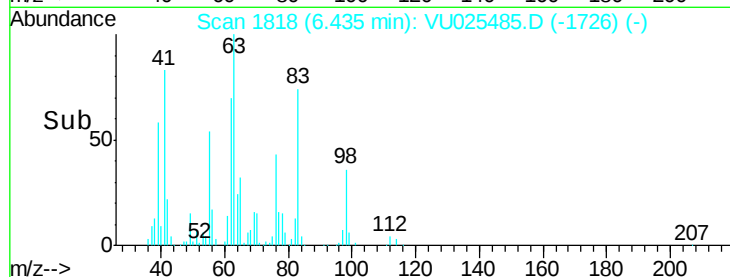
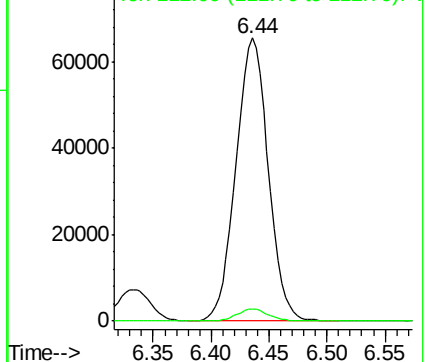
63 100

112 4.2 3.2 4.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 48.162 ug/L

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

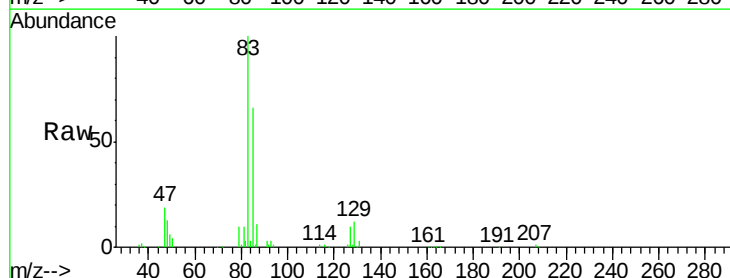
Tgt Ion: 83 Resp: 166985

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.2

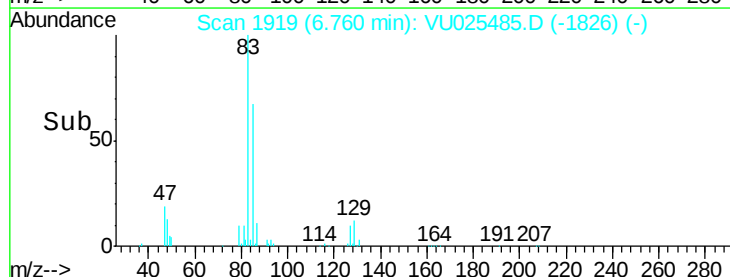
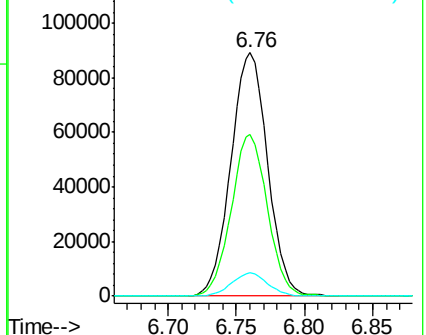
127 9.6 7.3 10.9

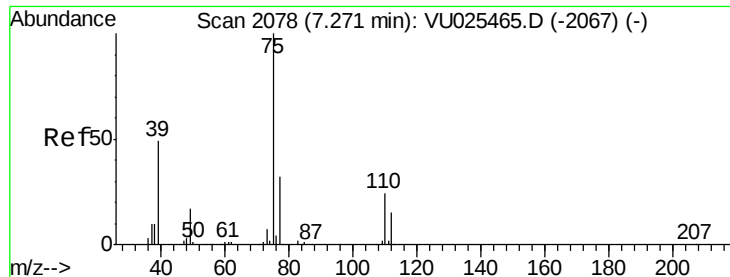


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V





#39

cis-1,3-Dichloropropene

Concen: 50.274 ug/L

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025485.D

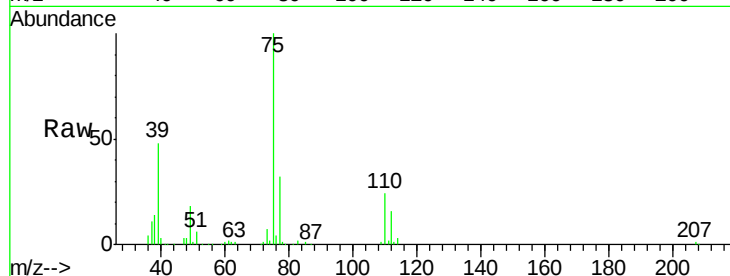
Acq: 18 Jul 2018 09:38

Tgt Ion: 75 Resp: 200018

Ion Ratio Lower Upper

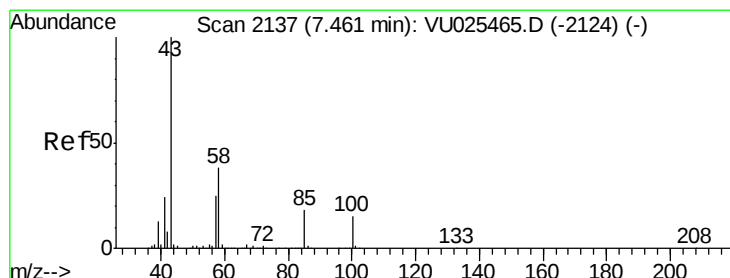
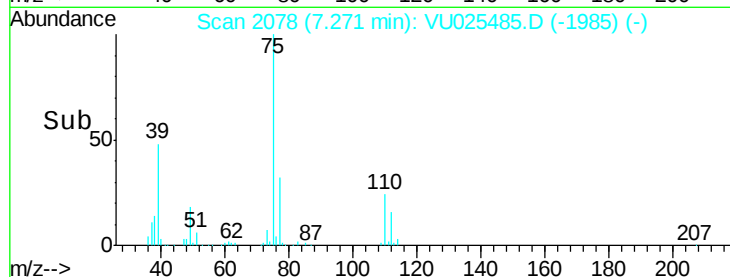
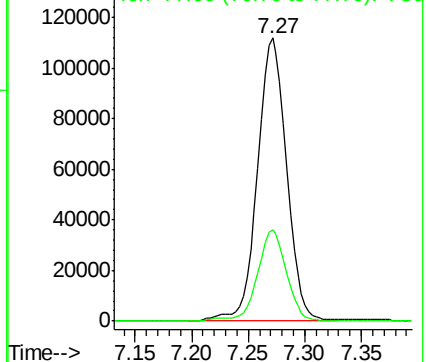
75 100

77 32.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#40

4-Methyl-2-pentanone

Concen: 87.540 ug/L

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

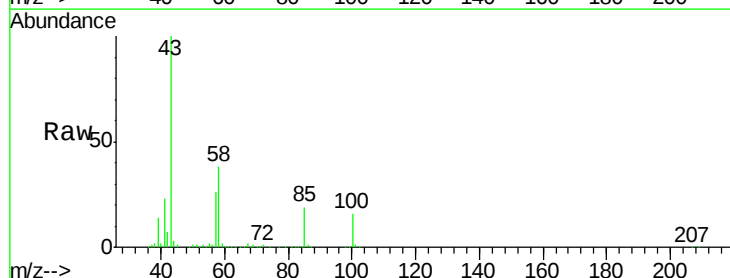
Tgt Ion: 43 Resp: 326015

Ion Ratio Lower Upper

43 100

58 38.3 30.9 46.3

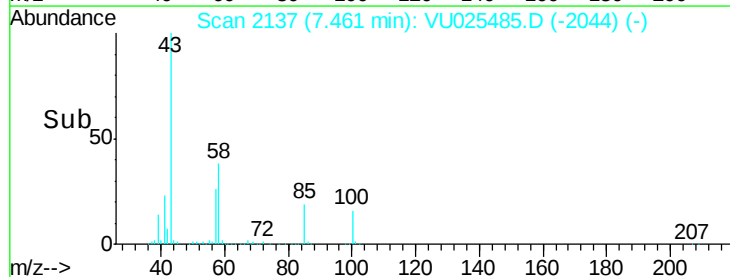
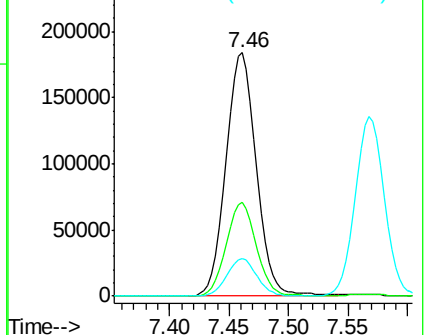
100 15.2 12.4 18.6

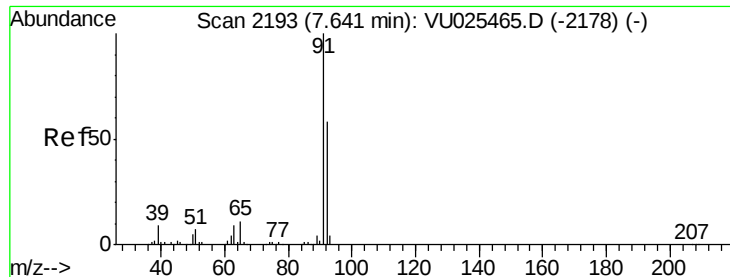


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#42

Toluene

Concen: 49.794 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025485.D

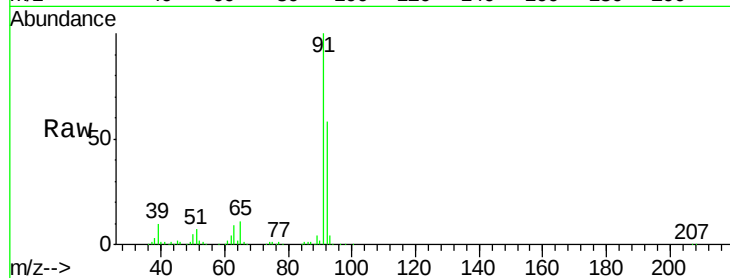
Acq: 18 Jul 2018 09:38

Tgt Ion: 91 Resp: 494219

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

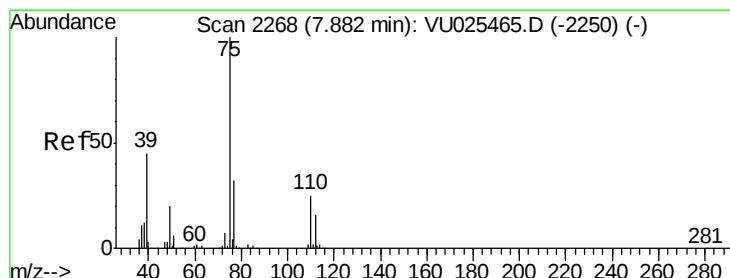
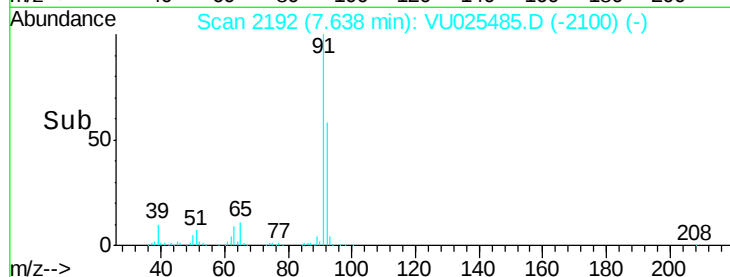
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 49.854 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025485.D

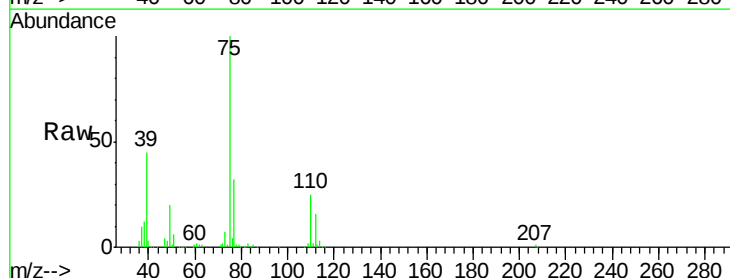
Acq: 18 Jul 2018 09:38

Tgt Ion: 75 Resp: 190413

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.88

120000

100000

80000

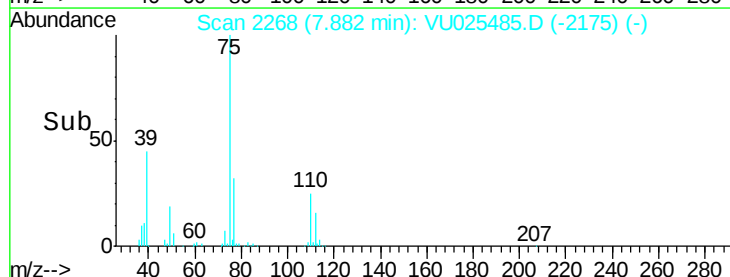
60000

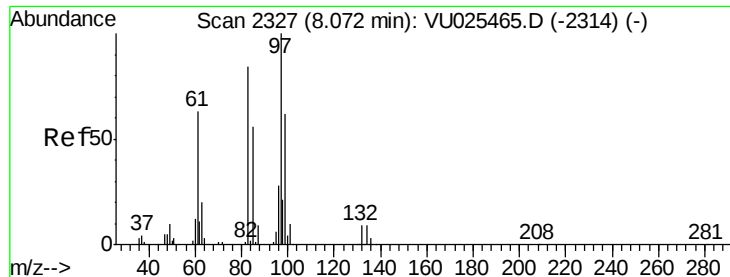
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 48.503 ug/L

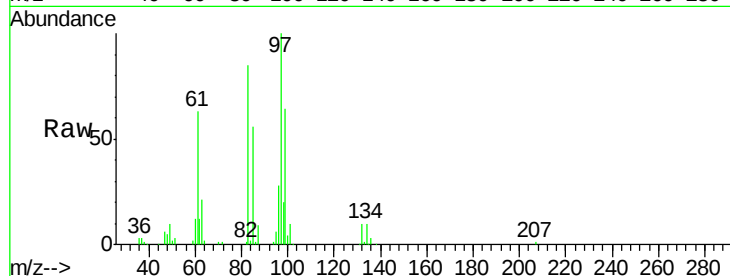
RT: 8.07 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	97	Resp:	118087
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.7	83.1
83	85.4	62.0	115.2
85	56.1	39.6	73.6

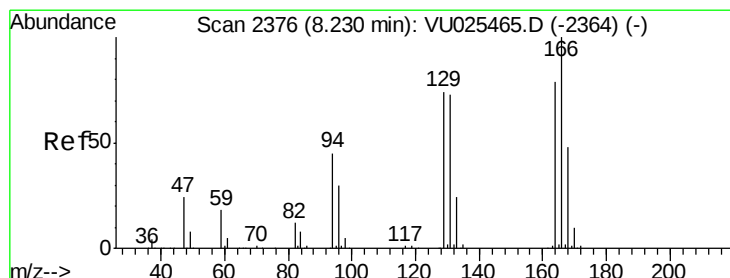
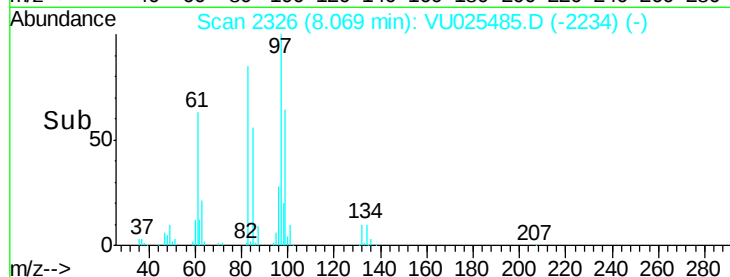
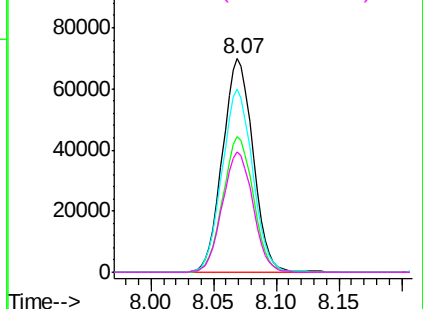


Abundance Ion 97.00 (96.70 to 97.70): VU025485.D (-2327) (-)

Ion 99.00 (98.70 to 99.70): VU025485.D (-2327) (-)

Ion 83.00 (82.70 to 83.70): VU025485.D (-2327) (-)

Ion 85.00 (84.70 to 85.70): VU025485.D (-2327) (-)



#46

Tetrachloroethene

Concen: 51.639 ug/L

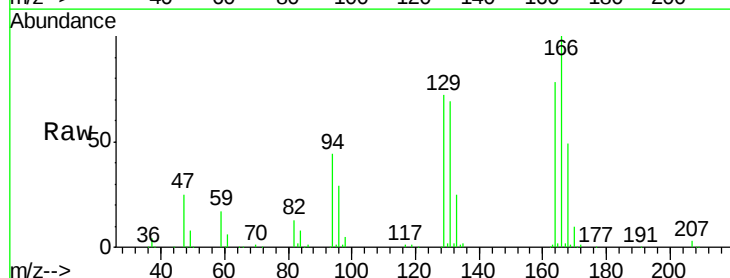
RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	164	Resp:	106151
Ion	Ratio	Lower	Upper
164	100		
129	93.2	66.5	123.5
131	88.4	63.7	118.3
166	128.8	90.8	168.6

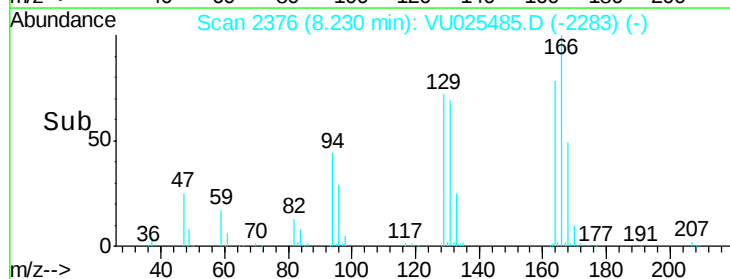
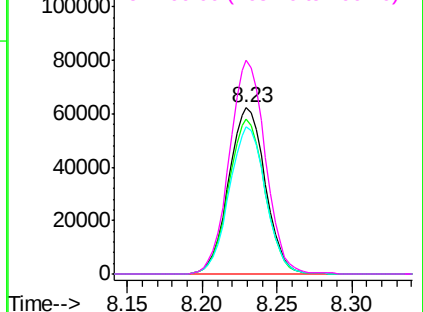


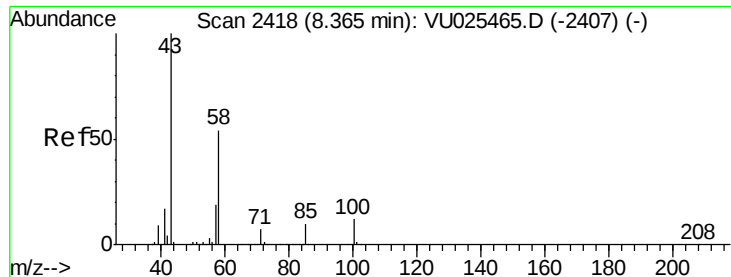
Abundance Ion 164.00 (163.70 to 164.70): VU025485.D (-2376) (-)

Ion 129.00 (128.70 to 129.70): VU025485.D (-2376) (-)

Ion 131.00 (130.70 to 131.70): VU025485.D (-2376) (-)

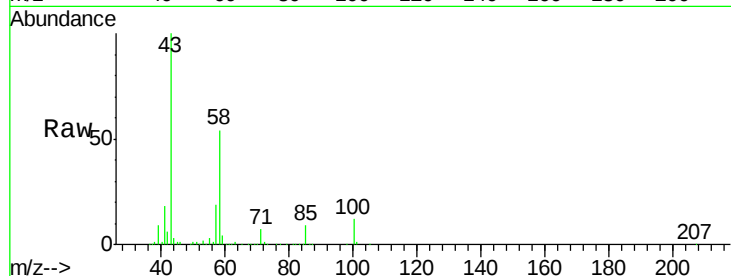
Ion 166.00 (165.70 to 166.70): VU025485.D (-2376) (-)



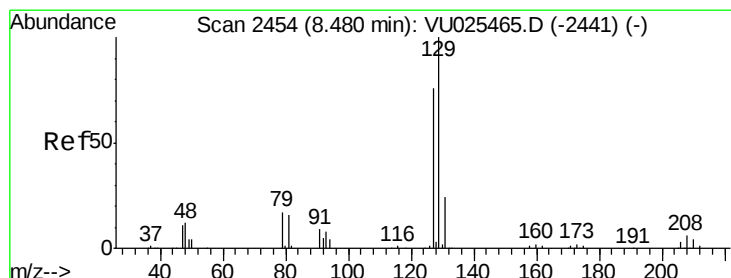
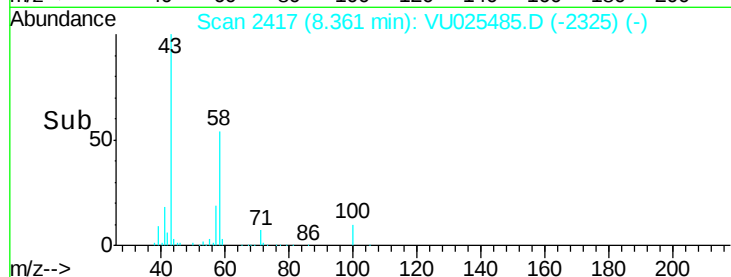
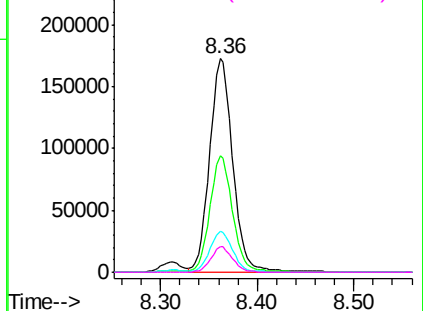


#48
2-Hexanone
Concen: 96.953 ug/L
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion:	43	Resp:	288478
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.3	63.5
57	18.3	15.6	23.4
100	11.2	9.3	13.9

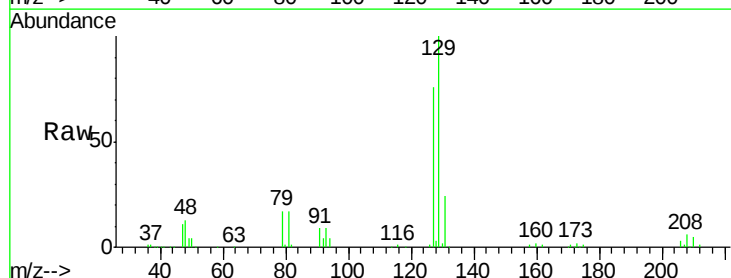


Abundance Ion 43.00 (42.70 to 43.70): VU025485.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU025485.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU025485.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU025485.D (-2325) (-)

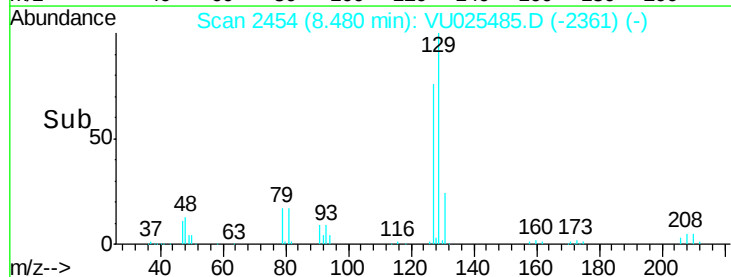
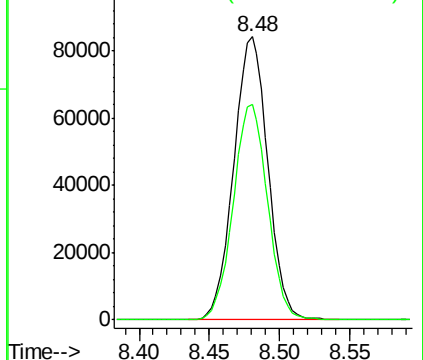


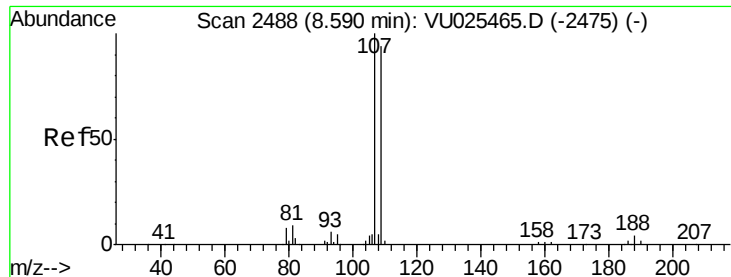
#49
Dibromochloromethane
Concen: 48.503 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion:	129	Resp:	142951
Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.4	97.2



Abundance Ion 129.00 (128.70 to 129.70): VU025485.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU025485.D (-2361) (-)





#50

1,2-Dibromoethane

Concen: 47.339 ug/L

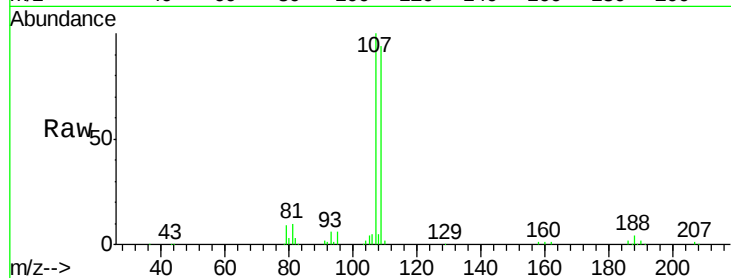
RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

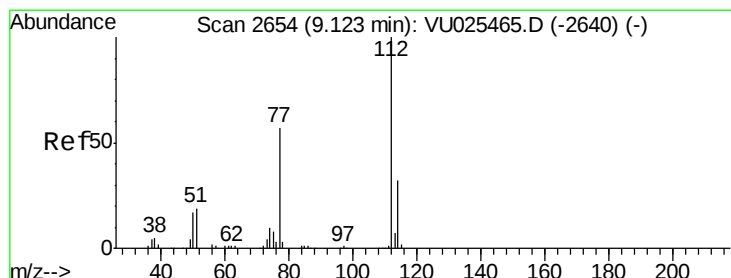
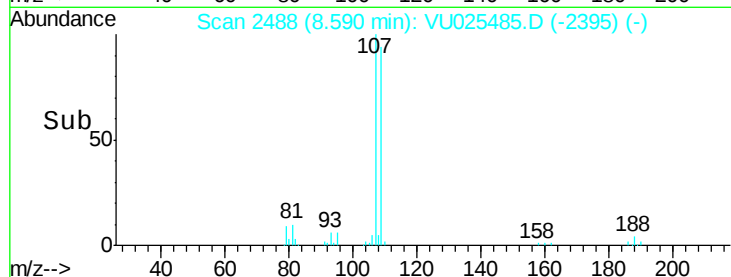
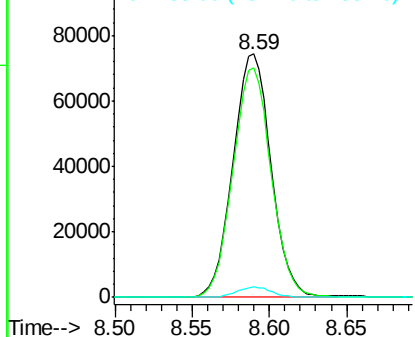
Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	107	Resp:	127210
Ion	Ratio	Lower	Upper
107	100		
109	94.4	66.5	123.5
188	4.1	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



#51

Chlorobenzene

Concen: 49.732 ug/L

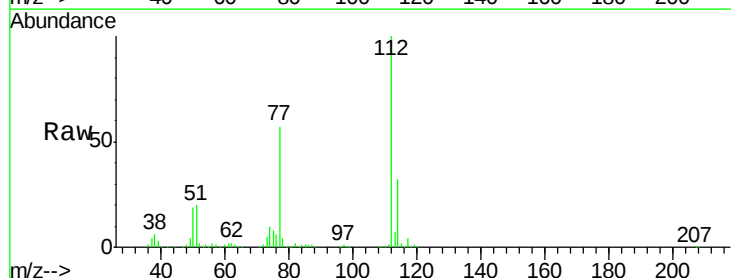
RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

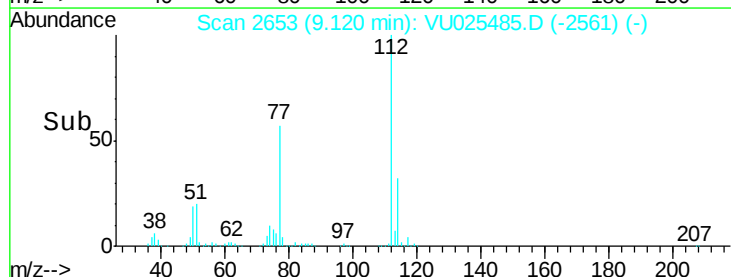
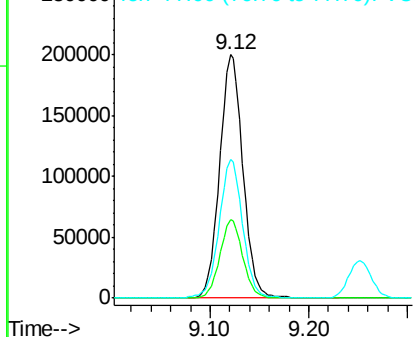
Lab File: VU025485.D

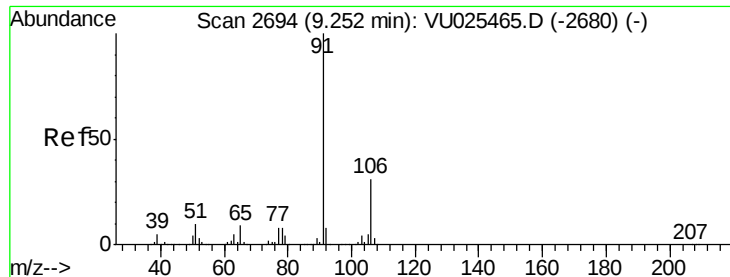
Acq: 18 Jul 2018 09:38

Tgt Ion:	112	Resp:	331204
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	56.9	45.8	68.8



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 50.602 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025485.D

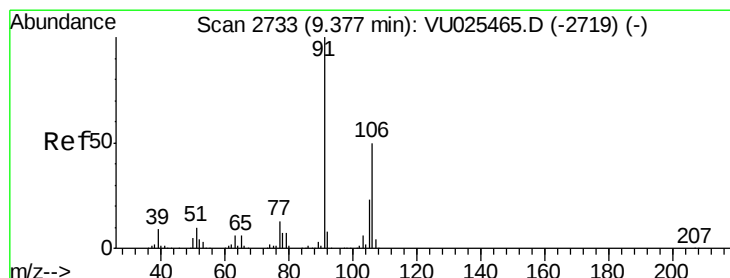
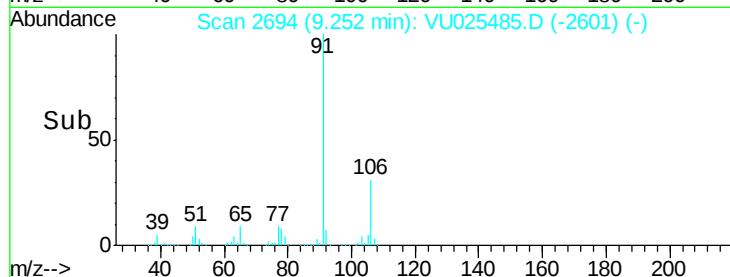
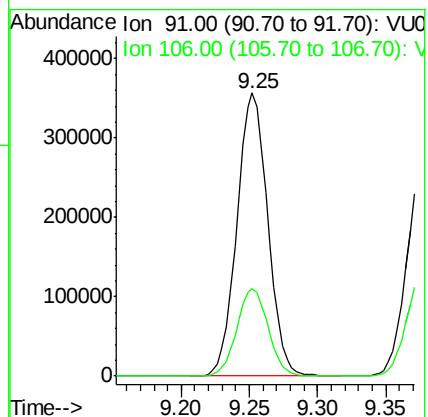
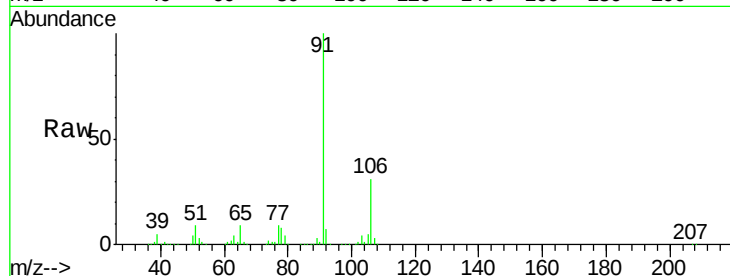
Acq: 18 Jul 2018 09:38

Tgt Ion: 91 Resp: 560644

Ion Ratio Lower Upper

91 100

106 31.1 22.4 41.6



#53

m,p-Xylene

Concen: 50.987 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025485.D

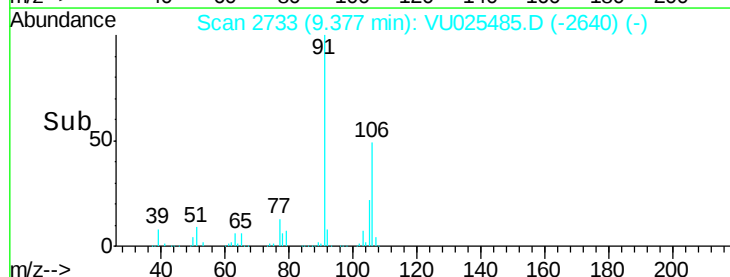
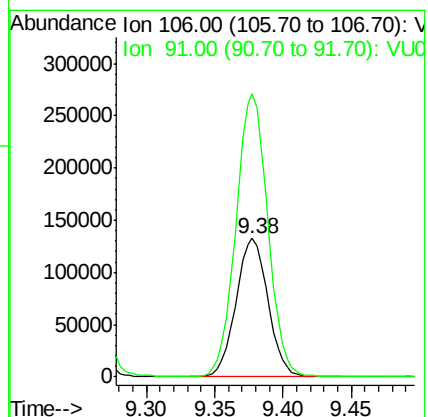
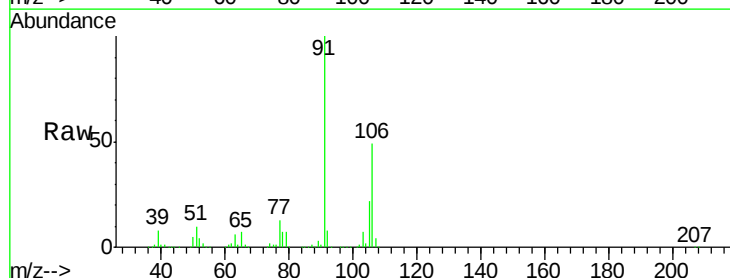
Acq: 18 Jul 2018 09:38

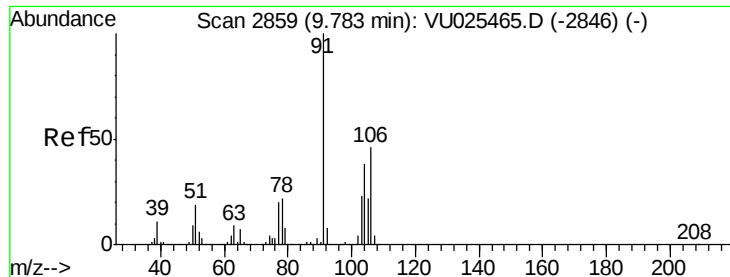
Tgt Ion: 106 Resp: 216519

Ion Ratio Lower Upper

106 100

91 204.8 138.6 257.4





#54

o-xylene

Concen: 50.056 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025485.D

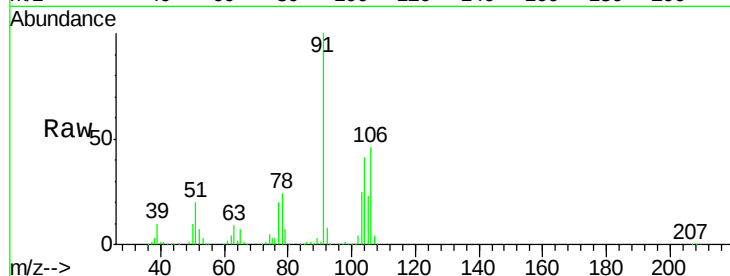
Acq: 18 Jul 2018 09:38

Tgt Ion:106 Resp: 214443

Ion Ratio Lower Upper

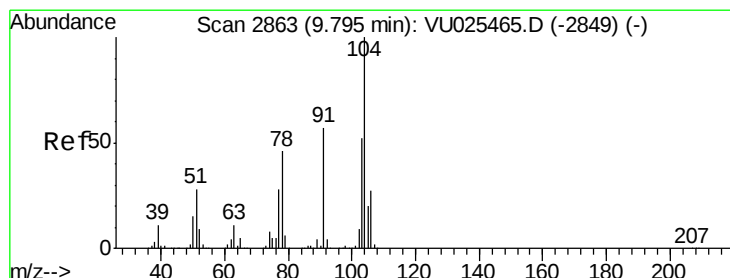
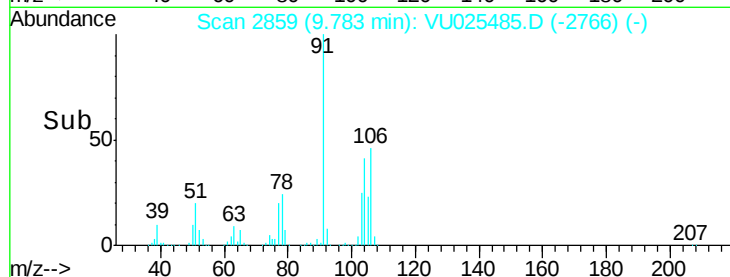
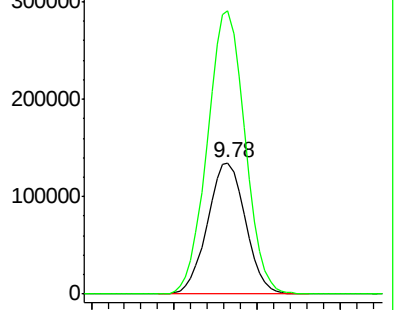
106 100

91 215.8 152.8 283.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 51.315 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU025485.D

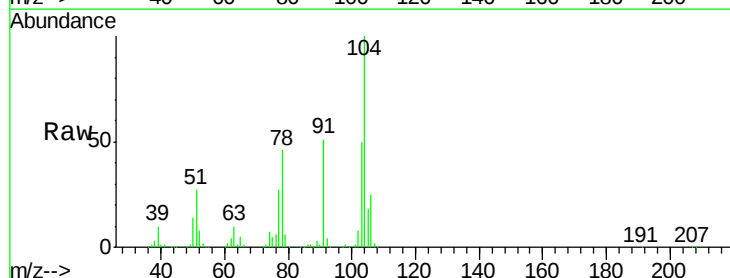
Acq: 18 Jul 2018 09:38

Tgt Ion:104 Resp: 363088

Ion Ratio Lower Upper

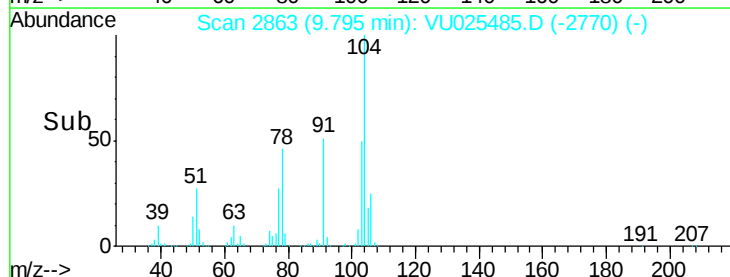
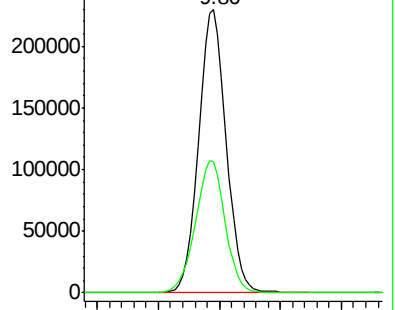
104 100

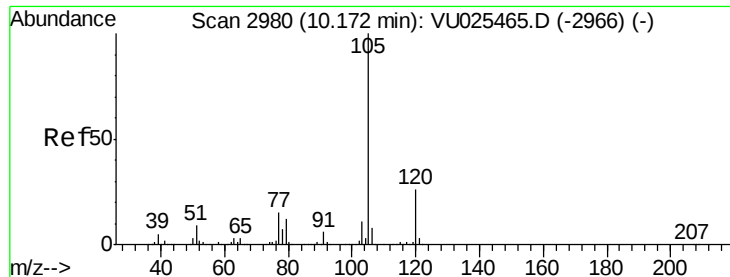
78 46.3 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 51.363 ug/L

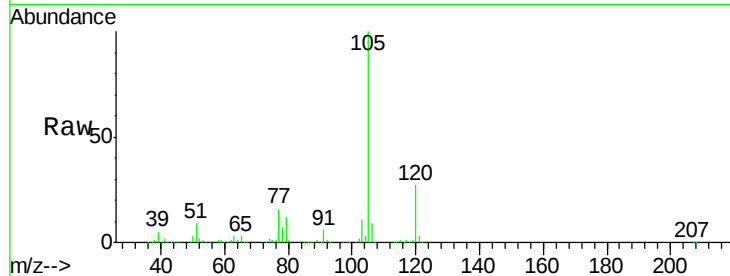
RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

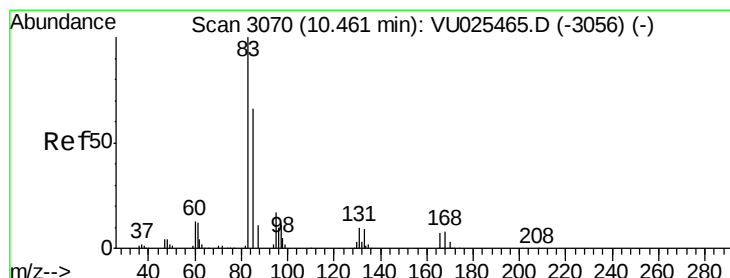
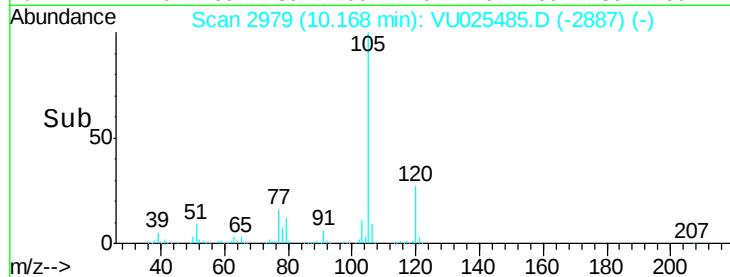
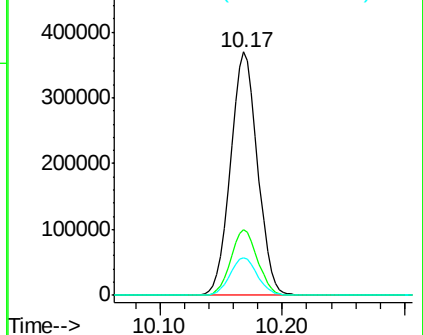
Tgt Ion:	105	Resp:	569839
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.6	32.4
77	15.8	12.6	19.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 46.300 ug/L

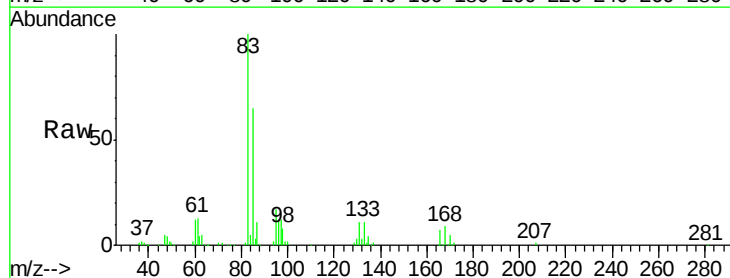
RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

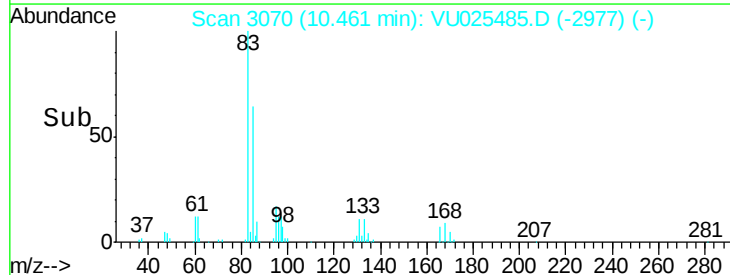
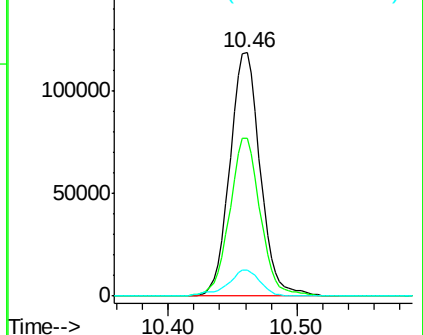
Tgt Ion:	83	Resp:	194071
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.9	83.5
131	10.6	8.9	13.3

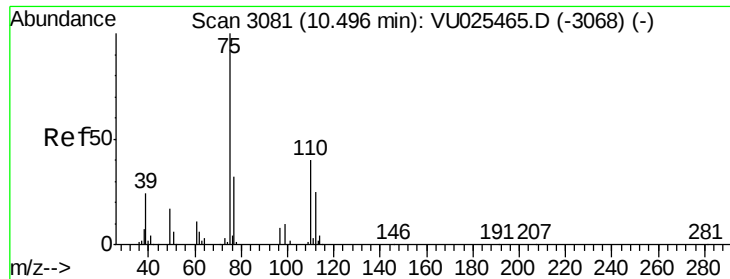


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

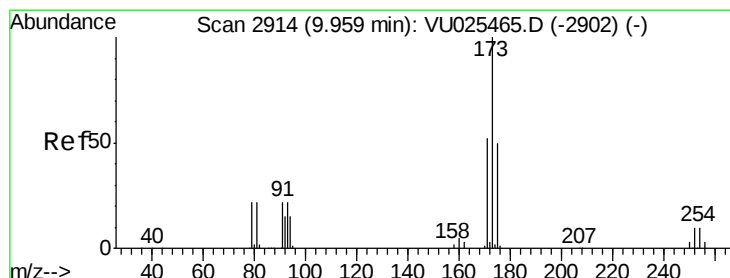
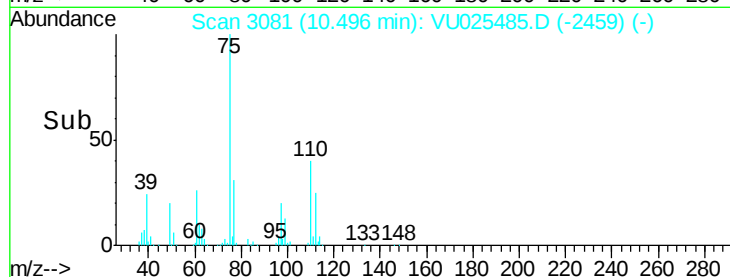
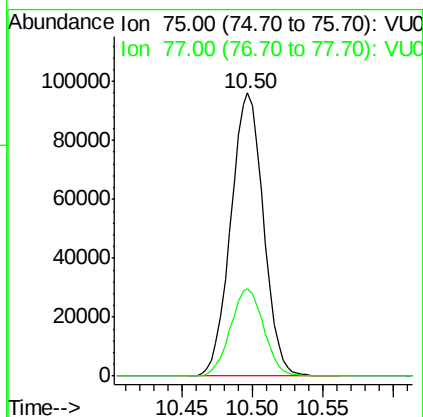
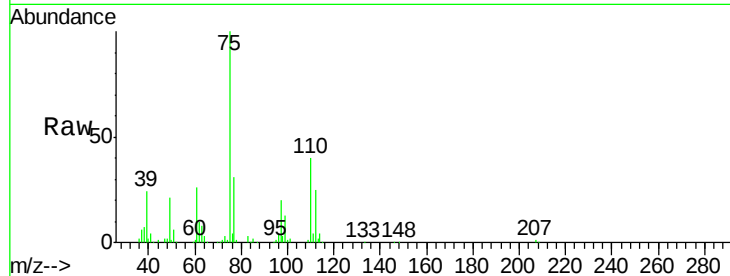
Ion 131.00 (130.70 to 131.70): V





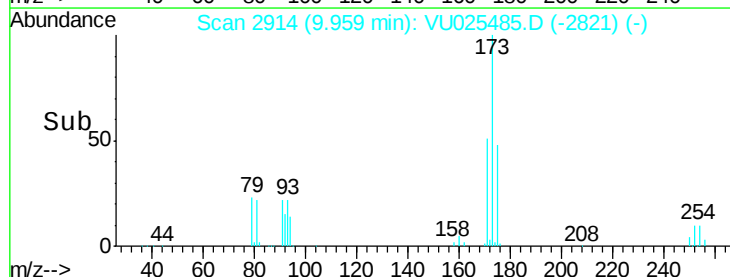
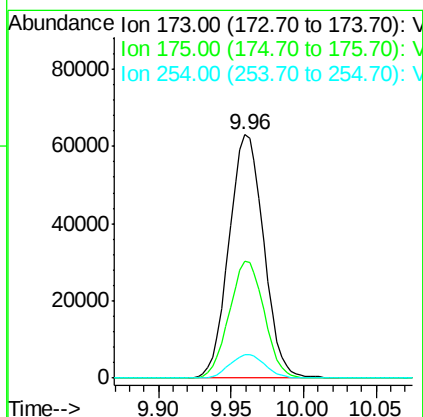
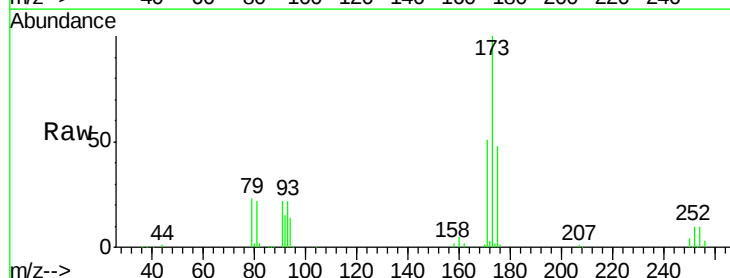
#59
 1,2,3-Trichloropropane
 Concen: 45.645 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

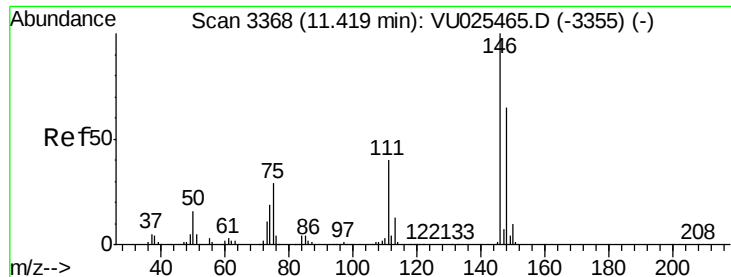
Tgt Ion: 75 Resp: 155868
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2



#61
 Bromoform
 Concen: 44.517 ug/L
 RT: 9.96 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

Tgt Ion: 173 Resp: 104983
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.1 58.7
 254 9.7 7.3 10.9





#62

1,3-Dichlorobenzene

Concen: 48.590 ug/L

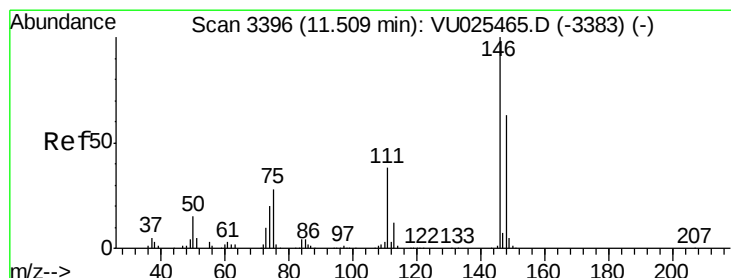
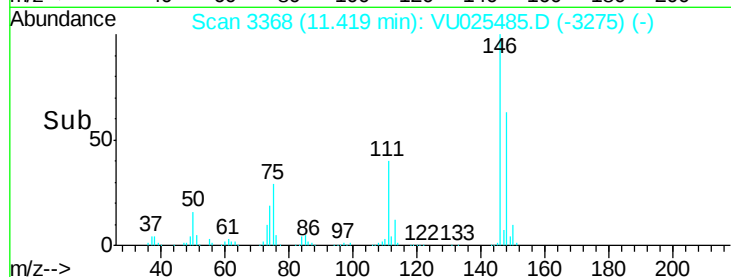
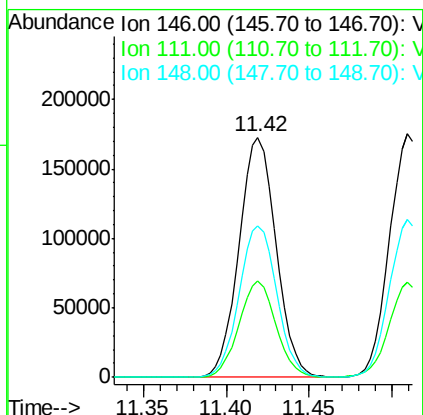
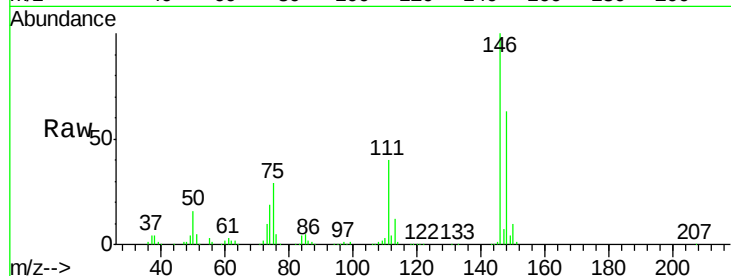
RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

Tgt Ion:	146	Resp:	269236
Ion	Ratio	Lower	Upper
146	100		
111	39.9	28.1	52.3
148	63.2	45.1	83.9



#63

1,4-Dichlorobenzene

Concen: 48.191 ug/L

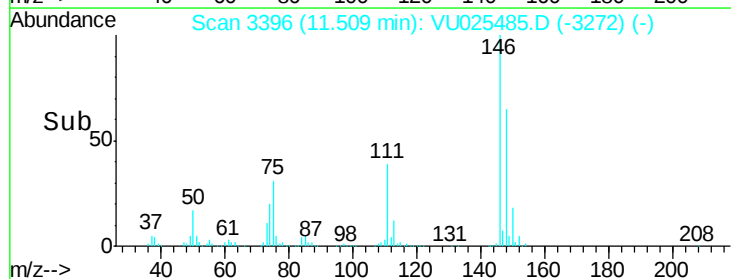
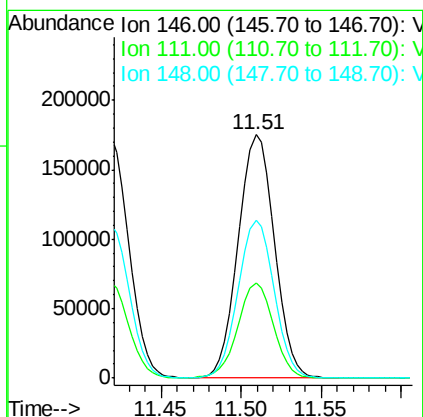
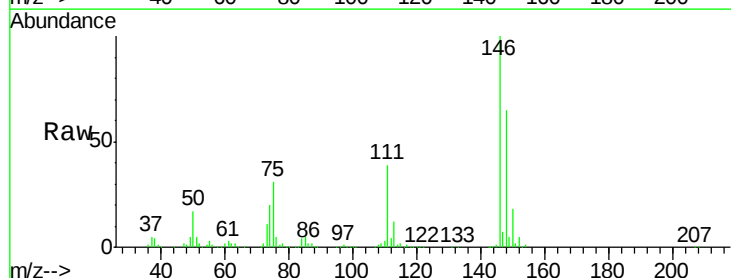
RT: 11.51 min Scan# 3396

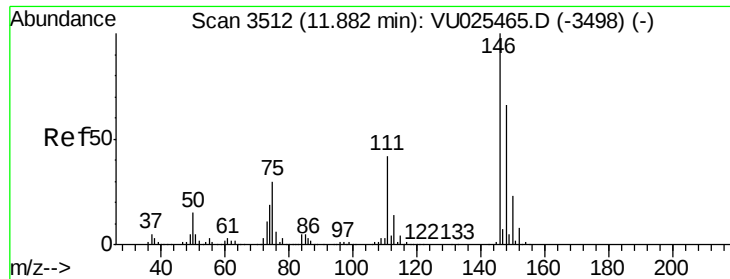
Delta R.T. 0.00 min

Lab File: VU025485.D

Acq: 18 Jul 2018 09:38

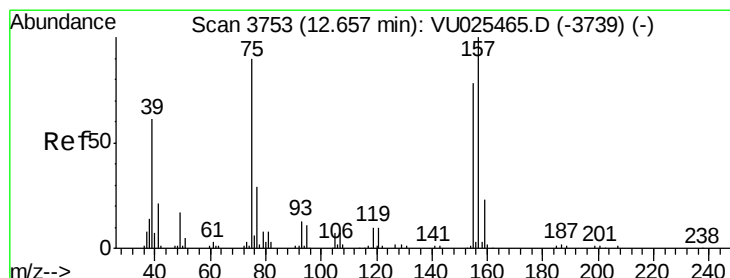
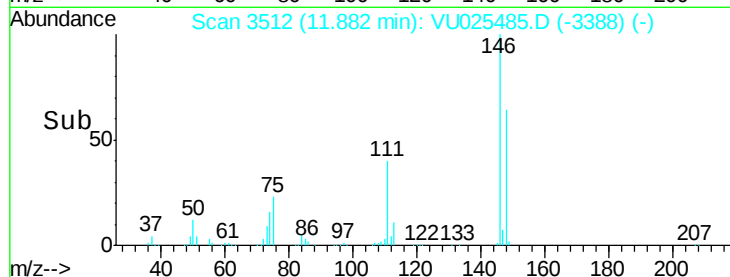
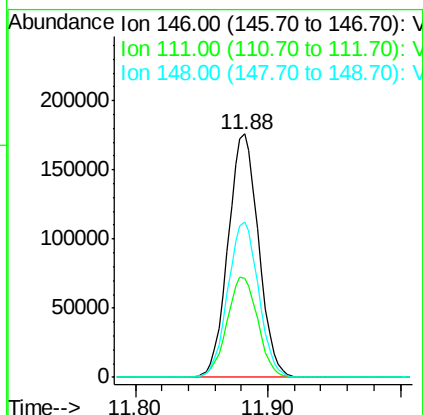
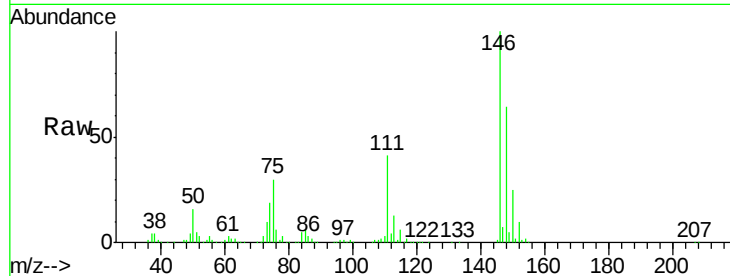
Tgt Ion:	146	Resp:	269845
Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.4	49.0
148	64.9	45.6	84.8





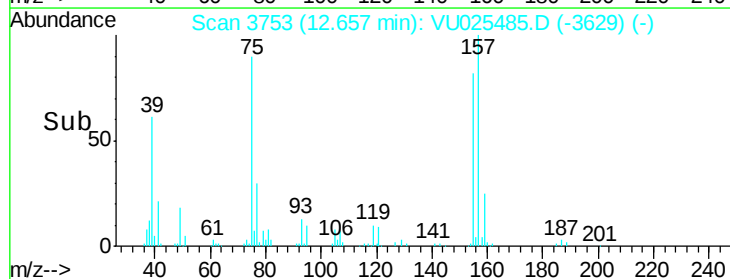
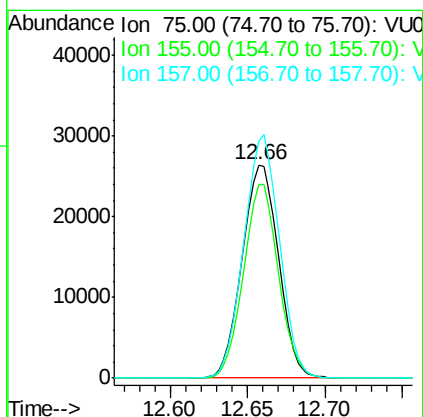
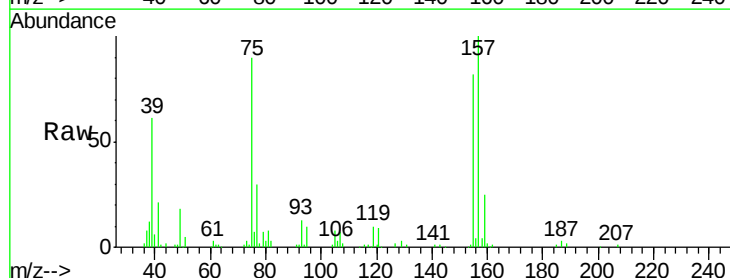
#65
 1,2-Dichlorobenzene
 Concen: 47.902 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

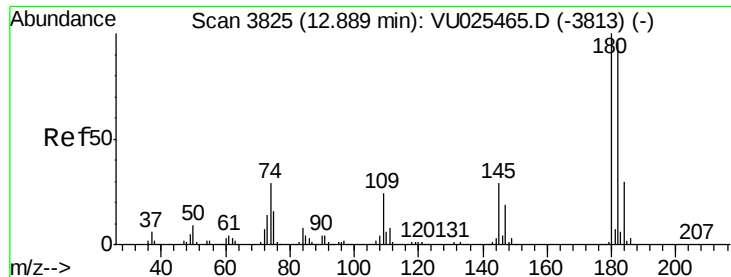
Tgt Ion: 146 Resp: 280264
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.8 50.6
 148 63.9 51.5 77.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 39.629 ug/L
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

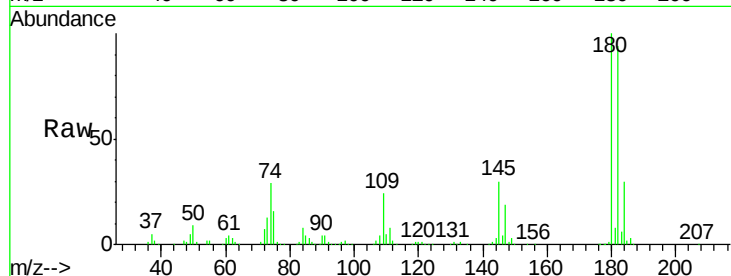
Tgt Ion: 75 Resp: 43390
 Ion Ratio Lower Upper
 75 100
 155 91.1 67.4 101.0
 157 111.4 87.9 131.9





#67
 1,3,5-Trichlorobenzene
 Concen: 50.769 ug/L
 RT: 12.89 min Scan# 3825
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

Tgt Ion:	180	Resp:	216226
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.1	112.7
184	30.3	24.6	36.8
145	29.5	23.1	34.7

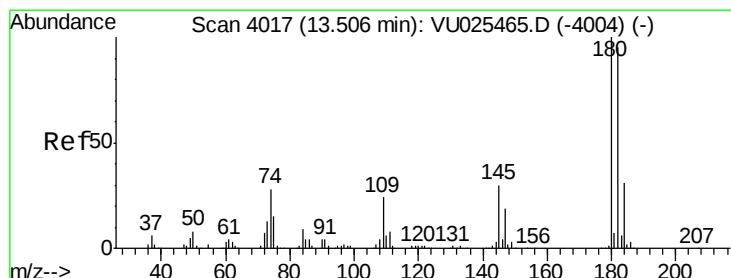
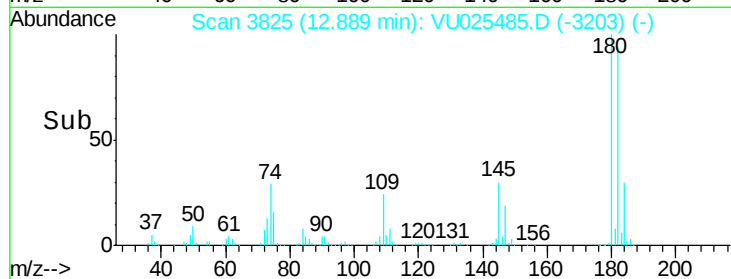
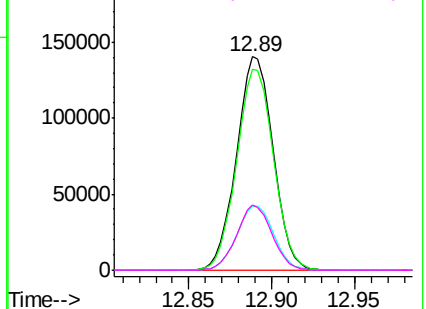


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

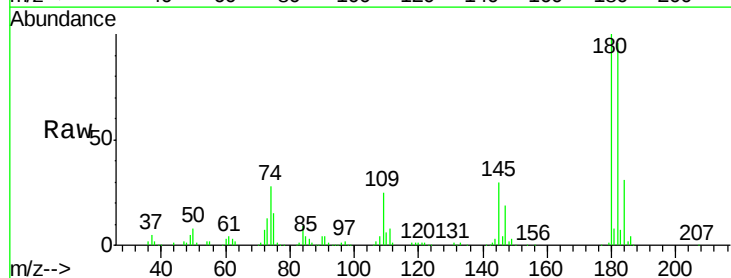
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 49.242 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025485.D
 Acq: 18 Jul 2018 09:38

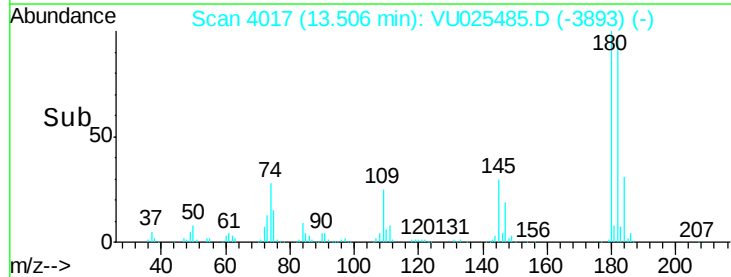
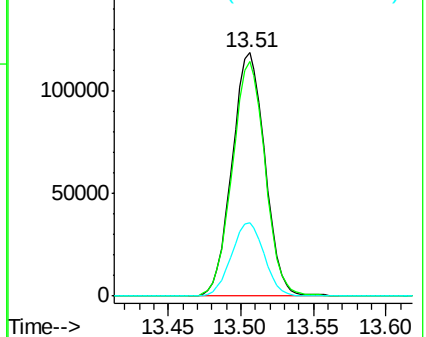
Tgt Ion:	180	Resp:	187006
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.6	115.0
145	30.2	23.4	35.2

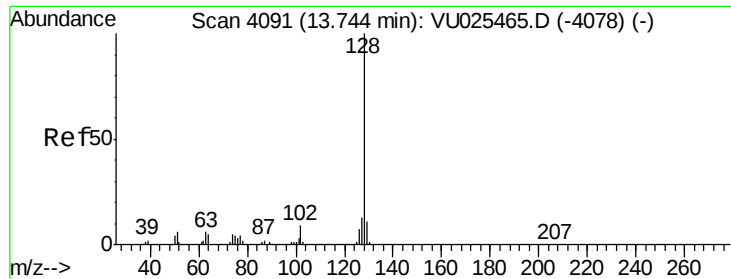


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

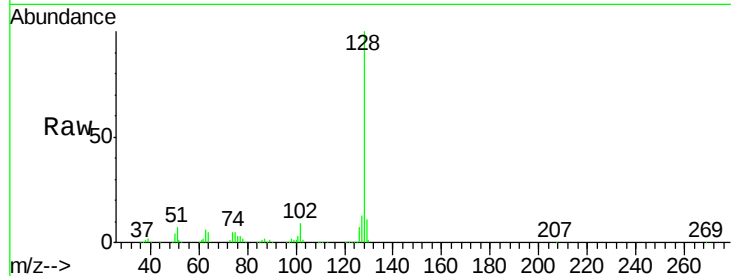
Ion 145.00 (144.70 to 145.70): V



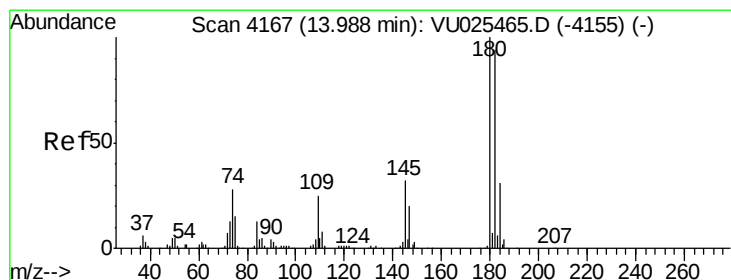
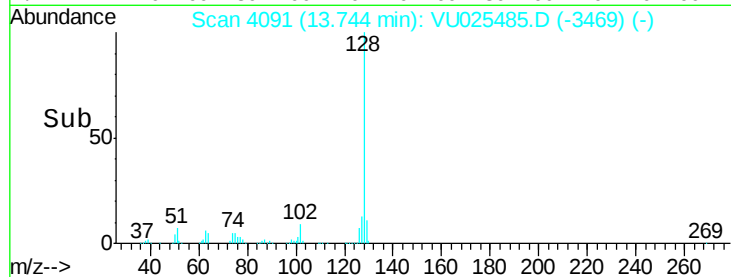
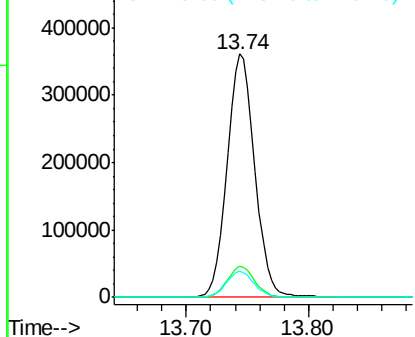


#69
Naphthalene
Concen: 43.608 ug/L
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.9	13.3

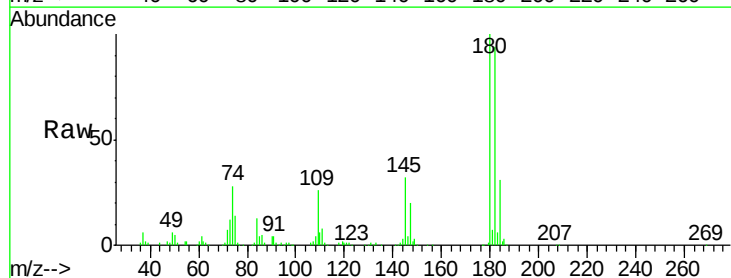


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 48.052 ug/L
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU025485.D
Acq: 18 Jul 2018 09:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.8
145	31.1	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

