

Data File : VV006085.D
Acq On : 27 May 2018 14:19
Operator : SY/MD
Sample : VSTD05072
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 27 23:59:00 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	252680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111098	57.00	ug/L	0.00
7) Chloroethane-d5	1.55	69	37235	30.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	199616	55.36	ug/L	0.00
21) 2-Butanone-d5	3.95	46	105048	97.85	ug/L	0.00
24) Chloroform-d	4.41	84	195058	54.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	127590	54.04	ug/L	0.00
32) Benzene-d6	5.10	84	405035	58.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	132411	59.10	ug/L	0.00
41) Toluene-d8	7.36	98	381644	59.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	58421	57.75	ug/L	0.00
47) 2-Hexanone-d5	8.15	63	108988	123.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	193047	62.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	167767	59.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	98691	42.75	ug/L	100
3) Chloromethane	1.26	50	108037	42.55	ug/L	100
5) Vinyl chloride	1.32	62	110855	48.55	ug/L	100
6) Bromomethane	1.51	94	37841	39.46	ug/L	100
8) Chloroethane	1.57	64	25920	22.42	ug/L	100
9) Trichlorofluoromethane	1.74	101	144704	45.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90590	50.20	ug/L	100
12) 1,1-Dichloroethene	2.13	96	81836	49.26	ug/L	100
13) Acetone	2.20	43	119058	104.69	ug/L	100
14) Carbon disulfide	2.31	76	225353	46.18	ug/L	100
15) Methyl Acetate	2.46	43	108016	46.60	ug/L	100
16) Methylene chloride	2.54	84	93445	47.39	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	86935	48.81	ug/L	100
18) Methyl tert-butyl Ether	2.82	73	289784	48.36	ug/L	100
19) 1,1-Dichloroethane	3.23	63	165589	45.87	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	95378	45.41	ug/L	100
22) 2-Butanone	4.04	43	158000	98.92	ug/L	100
23) Bromochloromethane	4.30	128	47940	46.70	ug/L	100
25) Chloroform	4.43	83	163585	43.64	ug/L	100
27) 1,2-Dichloroethane	5.19	62	129333	42.63	ug/L	100
29) Cyclohexane	4.72	56	148562	48.27	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	135982	42.34	ug/L	100
31) Carbon tetrachloride	4.88	117	119476	43.07	ug/L	100
33) Benzene	5.15	78	372589	47.59	ug/L	100
34) Trichloroethene	5.96	95	90709	45.29	ug/L	100
35) Methylcyclohexane	6.18	83	155519	49.29	ug/L	100
37) 1,2-Dichloropropane	6.23	63	102121	48.42	ug/L	100
38) Bromodichloromethane	6.56	83	118388	44.27	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	145782	47.47	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	277501	99.39	ug/L	100

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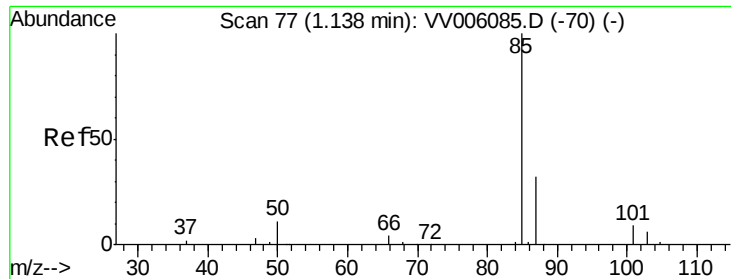
Quant Time: May 27 23:59:00 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	389805	47.99	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	134873	46.84	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	92771	46.58	ug/L	100
46) Tetrachloroethene	8.02	164	77725	50.25	ug/L	100
48) 2-Hexanone	8.20	43	236150	108.19	ug/L	100
49) Dibromochloromethane	8.30	129	98355	46.82	ug/L	100
50) 1,2-Dibromoethane	8.40	107	94358	46.10	ug/L	100
51) Chlorobenzene	8.93	112	251274	46.29	ug/L	100
52) Ethylbenzene	9.06	91	423723	47.54	ug/L	100
53) m,p-Xylene	9.19	106	163231	49.31	ug/L	100
54) o-xylene	9.59	106	160762	49.34	ug/L	100
55) Styrene	9.61	104	279456	50.00	ug/L	100
56) Isopropylbenzene	9.98	105	424260	48.78	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	168880	50.79	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	129664	48.29	ug/L	100
61) Bromoform	9.79	173	75712	47.04	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	205596	46.28	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	215794	46.29	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	230577	48.04	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	30062	39.14	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	164359	50.74	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	132622	50.24	ug/L	100
69) Naphthalene	13.56	128	369783	46.40	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	145300	50.18	ug/L	100

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 42.75 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006085.D

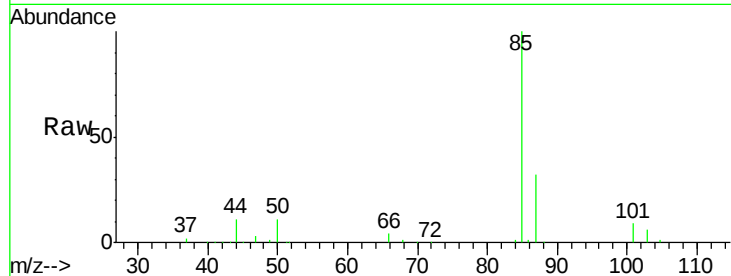
Acq: 27 May 2018 14:19

Tgt Ion: 85 Resp: 98691

Ion Ratio Lower Upper

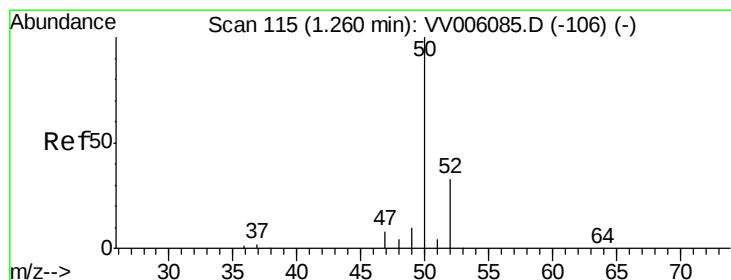
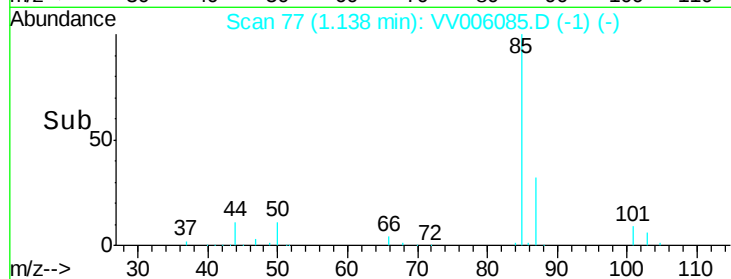
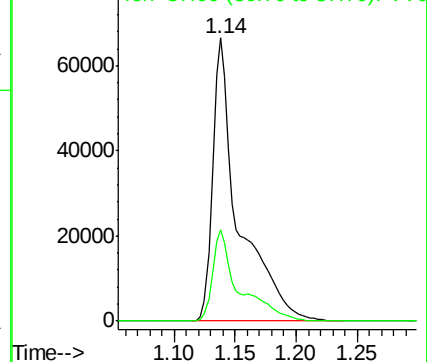
85 100

87 23.3 18.6 28.0



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 42.55 ug/L

RT: 1.26 min Scan# 115

Delta R.T. 0.00 min

Lab File: VV006085.D

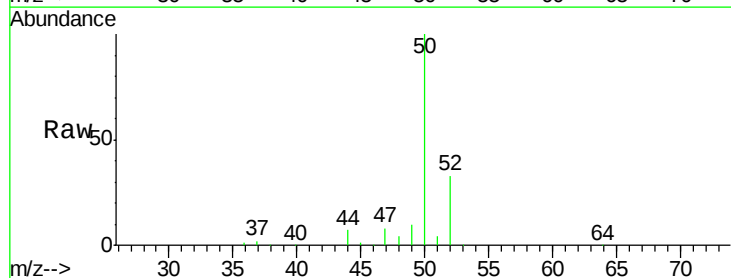
Acq: 27 May 2018 14:19

Tgt Ion: 50 Resp: 108037

Ion Ratio Lower Upper

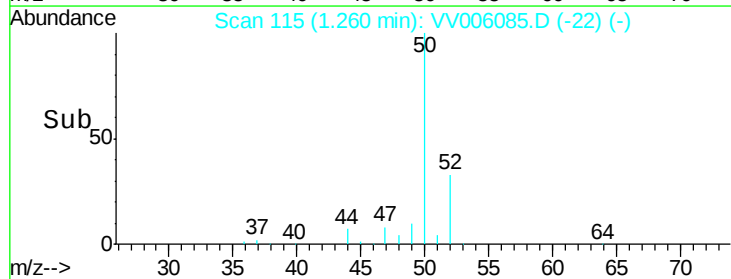
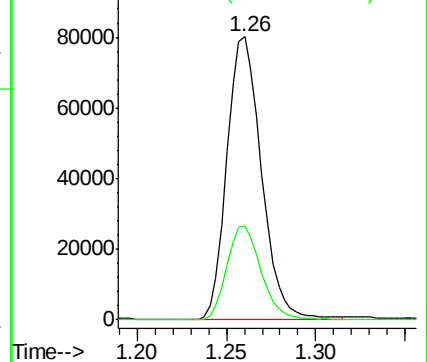
50 100

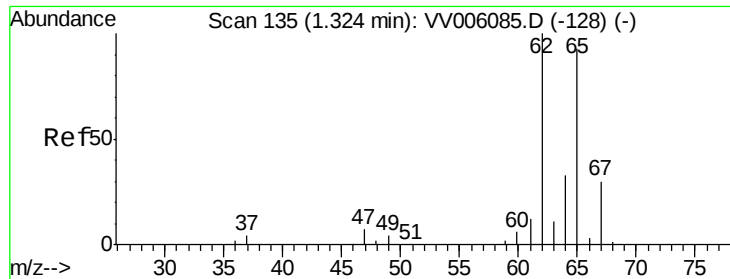
52 33.1 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 48.55 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006085.D

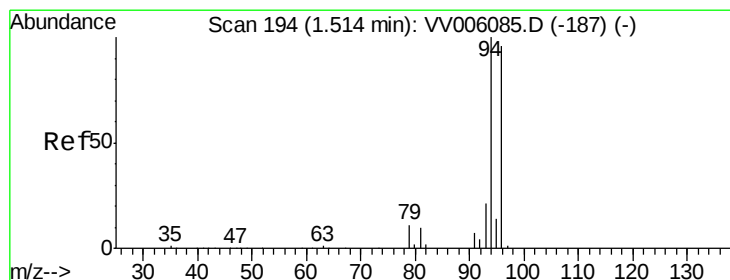
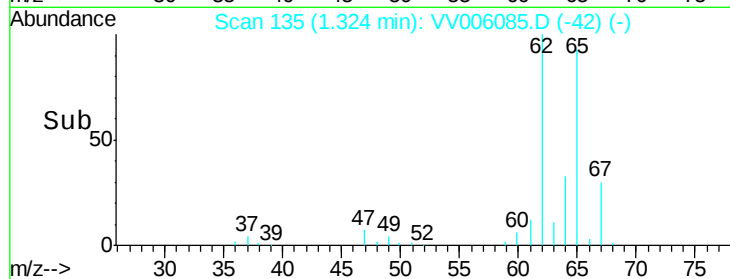
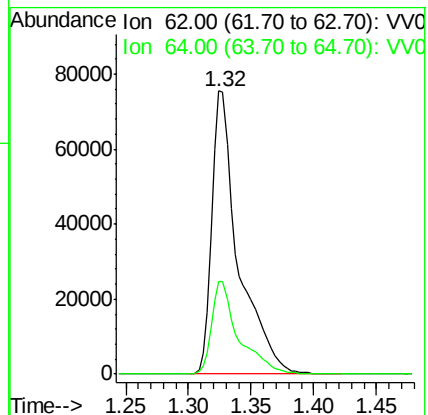
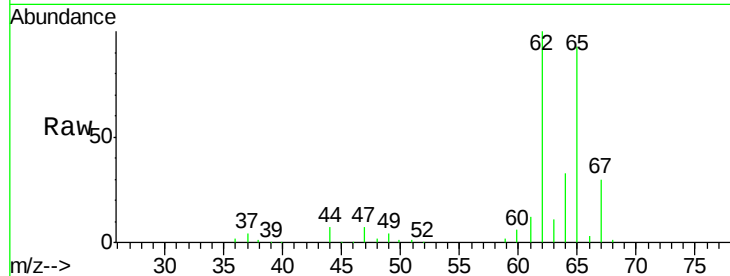
Acq: 27 May 2018 14:19

Tgt Ion: 62 Resp: 110855

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 39.46 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006085.D

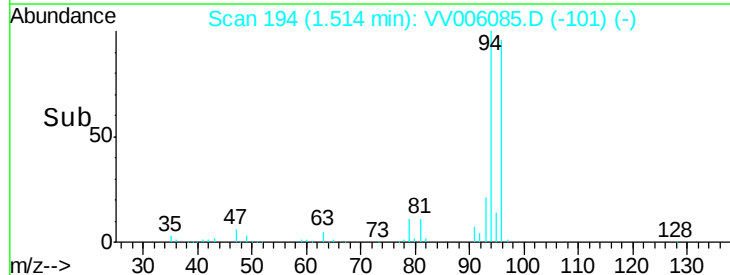
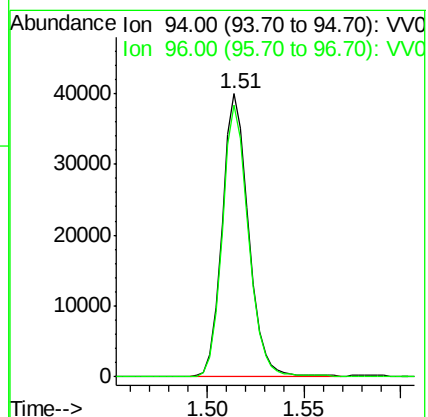
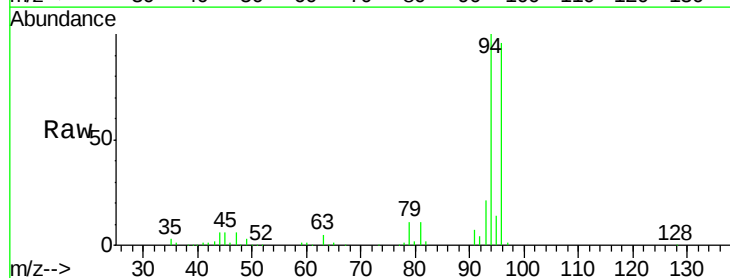
Acq: 27 May 2018 14:19

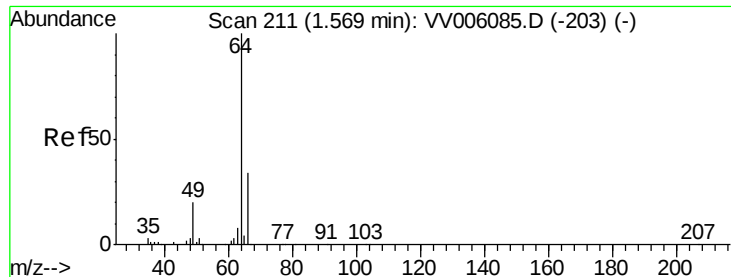
Tgt Ion: 94 Resp: 37841

Ion Ratio Lower Upper

94 100

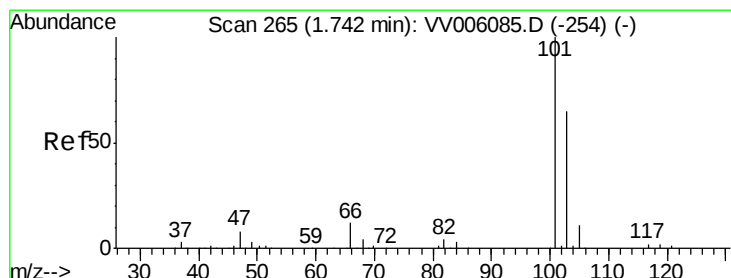
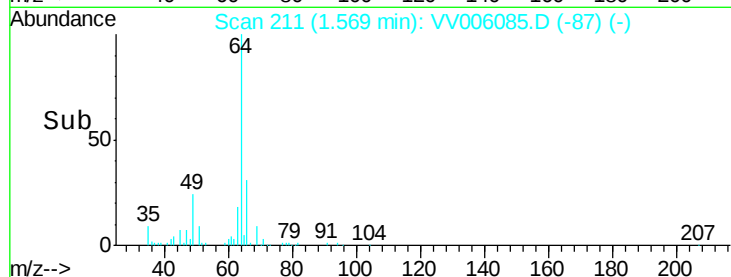
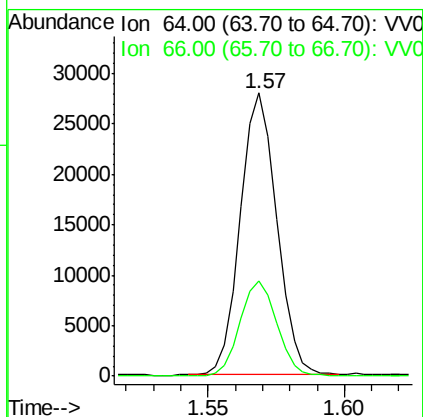
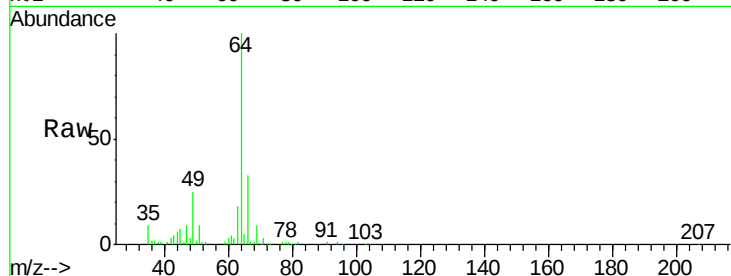
96 96.2 67.3 125.1





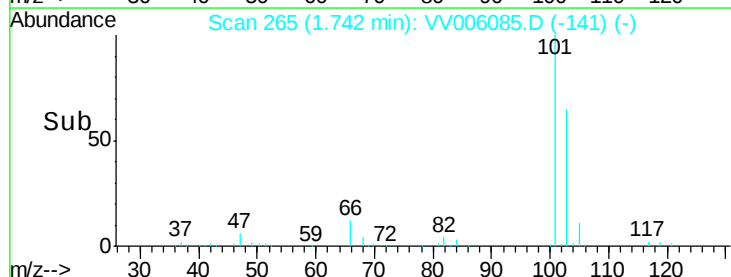
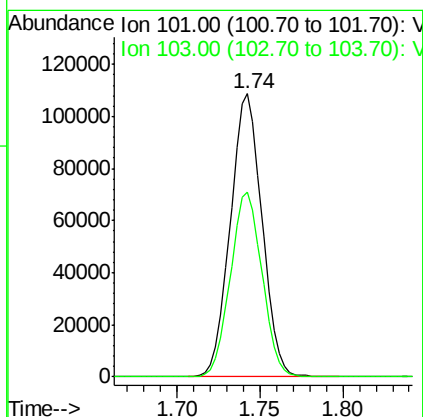
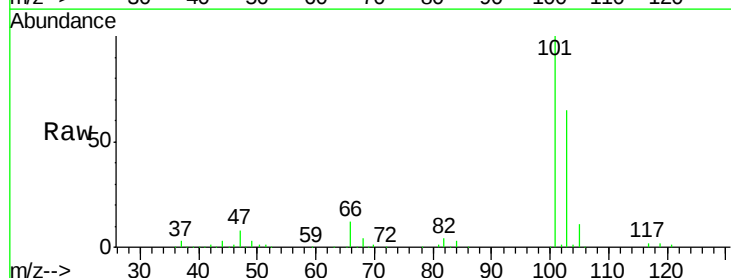
#8
Chloroethane
Concen: 22.42 ug/L
RT: 1.57 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

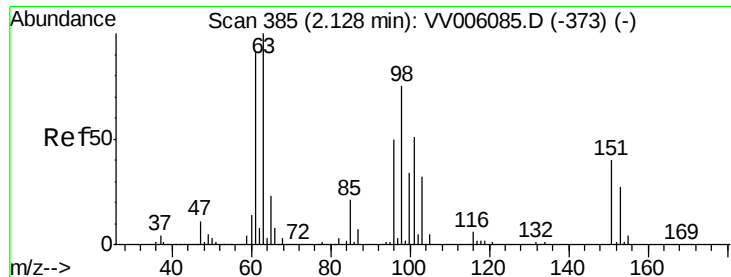
Tgt Ion: 64 Resp: 25920
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 45.92 ug/L
RT: 1.74 min Scan# 265
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion: 101 Resp: 144704
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4





#10

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

Concen: 50.20 ug/L

RT: 2.13 min Scan# 385

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

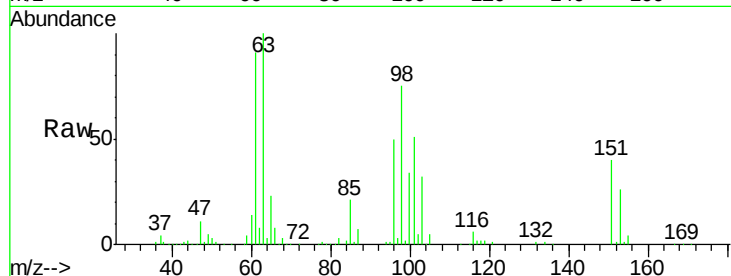
Tgt Ion: 101 Resp: 90590

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

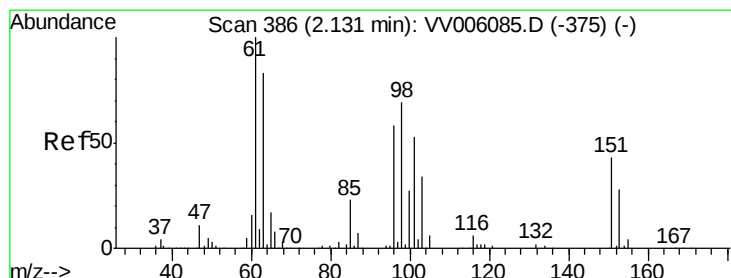
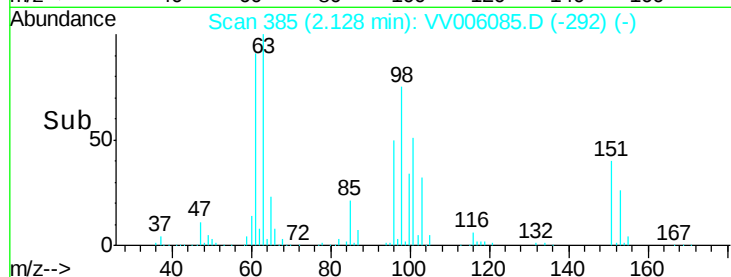
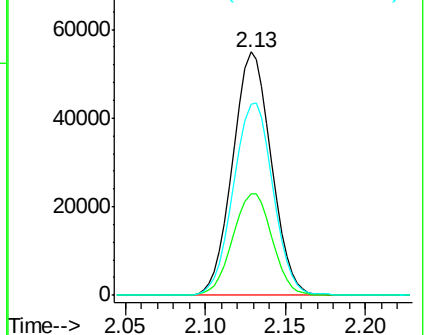
151 80.9 64.7 97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006085.D (-373) (-)

Ion 85.00 (84.70 to 85.70): VV006085.D (-373) (-)

Ion 151.00 (150.70 to 151.70): VV006085.D (-373) (-)



#12

1,1-Dichloroethene

Concen: 49.26 ug/L

RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

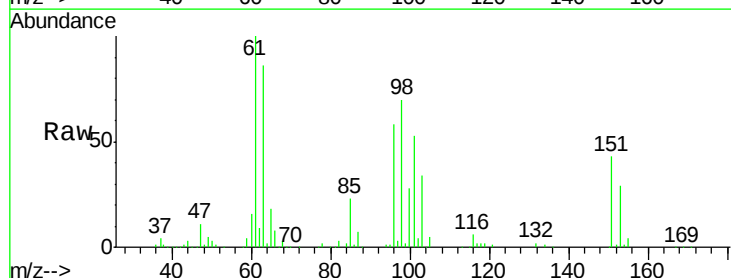
Tgt Ion: 96 Resp: 81836

Ion Ratio Lower Upper

96 100

61 172.2 120.5 223.9

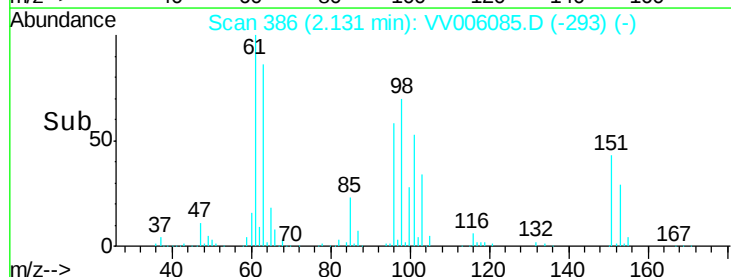
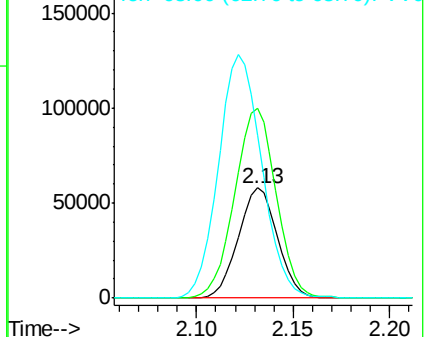
63 147.6 103.3 191.9

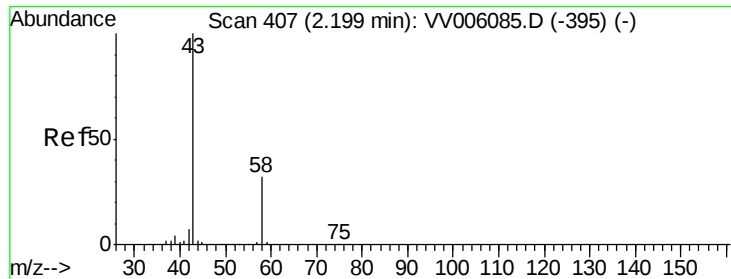


Abundance Ion 96.00 (95.70 to 96.70): VV006085.D (-375) (-)

Ion 61.00 (60.70 to 61.70): VV006085.D (-375) (-)

Ion 63.00 (62.70 to 63.70): VV006085.D (-375) (-)





#13

Acetone

Concen: 104.69 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV006085.D

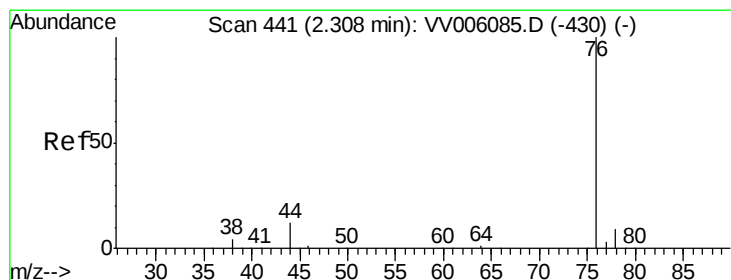
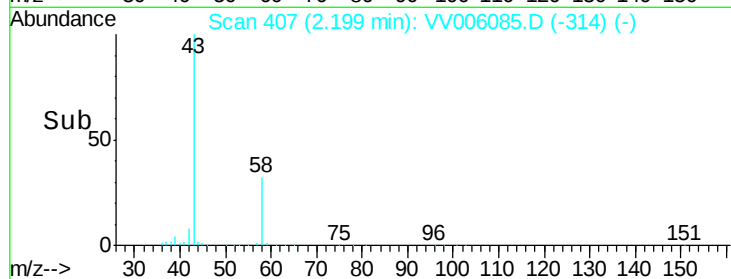
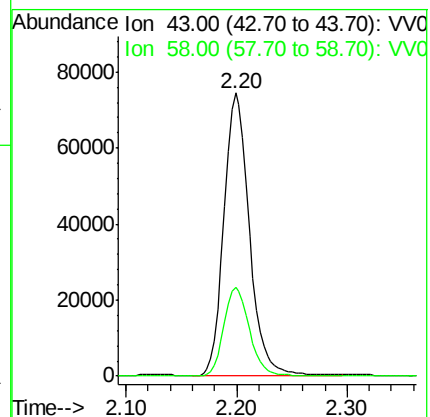
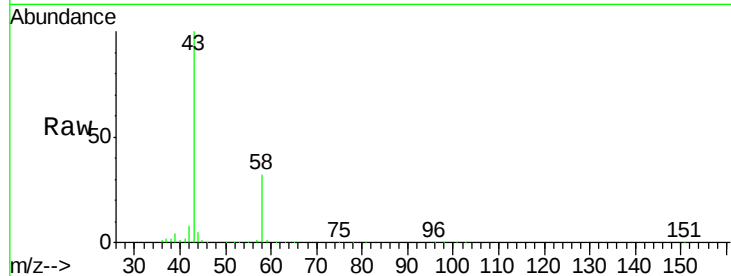
Acq: 27 May 2018 14:19

Tgt Ion: 43 Resp: 119058

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.4



#14

Carbon disulfide

Concen: 46.18 ug/L

RT: 2.31 min Scan# 441

Delta R.T. 0.00 min

Lab File: VV006085.D

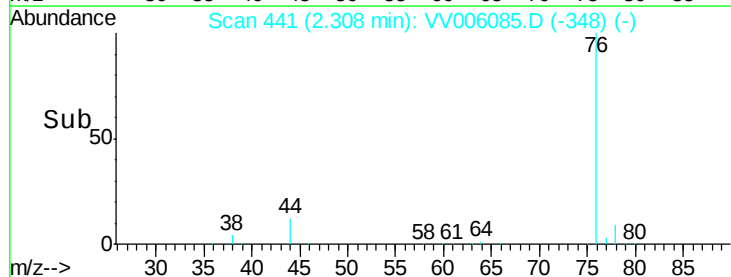
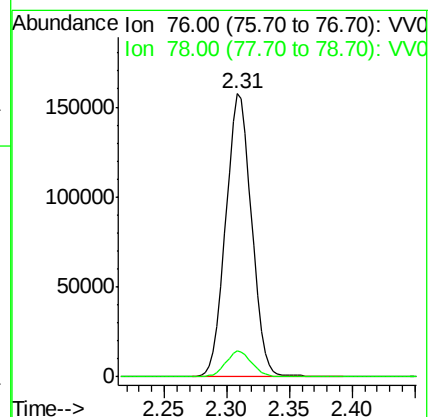
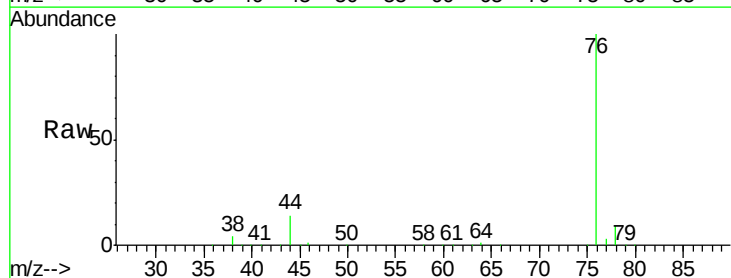
Acq: 27 May 2018 14:19

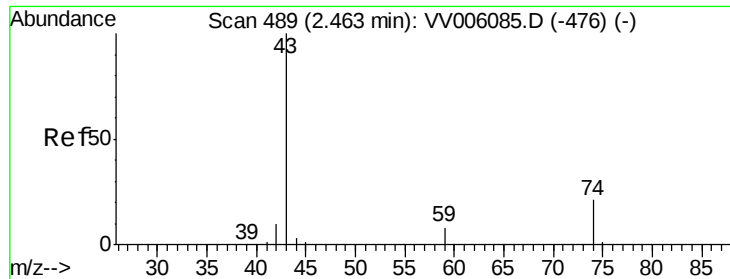
Tgt Ion: 76 Resp: 225353

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 46.60 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006085.D

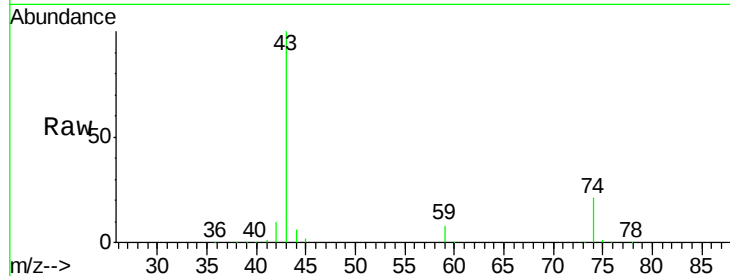
Acq: 27 May 2018 14:19

Tgt Ion: 43 Resp: 108016

Ion Ratio Lower Upper

43 100

74 22.0 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-476) (-)

Ion 74.00 (73.70 to 74.70): VV006085.D (-476) (-)

2.46

60000

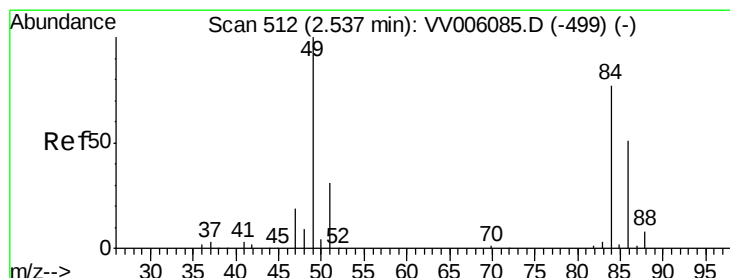
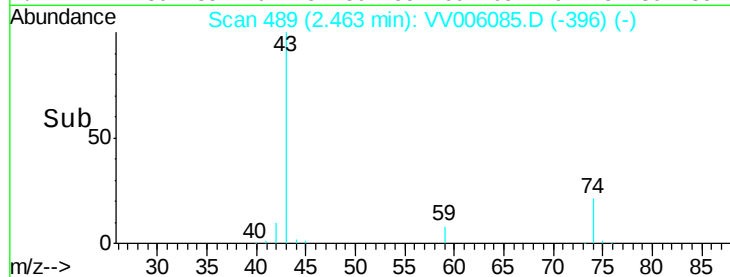
40000

20000

0

Time-->

2.40 2.45 2.50 2.55



#16

Methylene chloride

Concen: 47.39 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

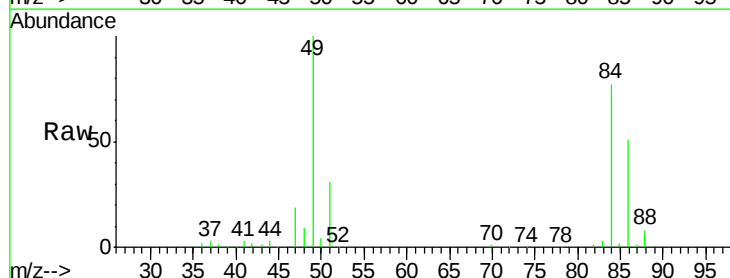
Tgt Ion: 84 Resp: 93445

Ion Ratio Lower Upper

84 100

86 66.1 46.3 85.9

49 129.6 90.7 168.5



Abundance Ion 84.00 (83.70 to 84.70): VV006085.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV006085.D (-499) (-)

Ion 49.00 (48.70 to 49.70): VV006085.D (-499) (-)

2.54

80000

60000

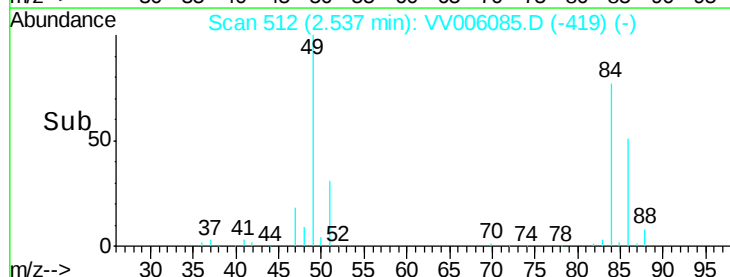
40000

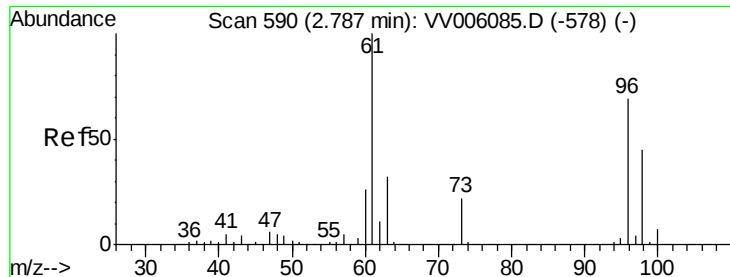
20000

0

Time-->

2.45 2.50 2.55 2.60 2.65





#17

trans-1,2-Dichloroethene

Concen: 48.81 ug/L

RT: 2.79 min Scan# 590

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

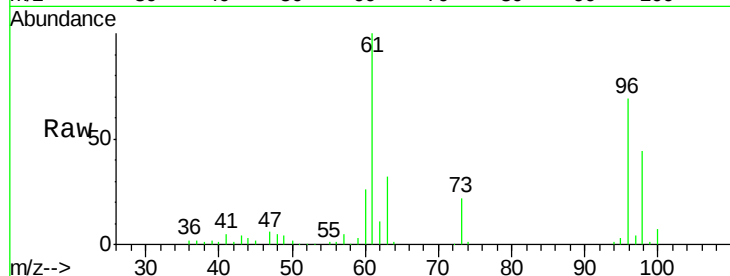
Tgt Ion: 96 Resp: 86935

Ion Ratio Lower Upper

96 100

61 145.8 102.1 189.5

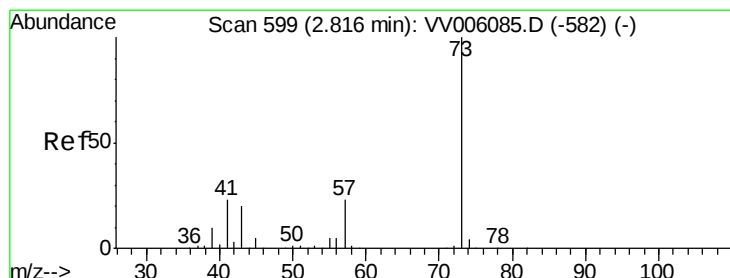
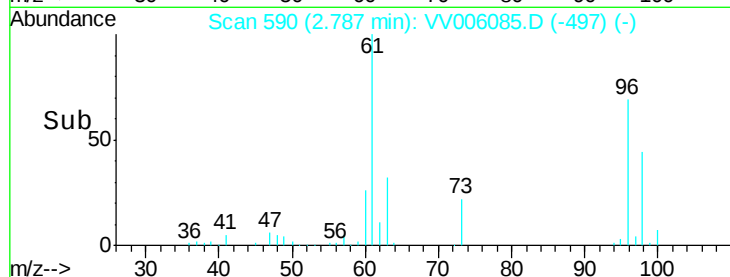
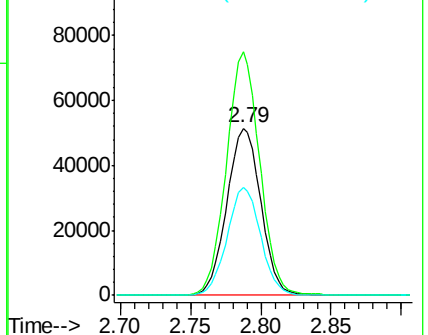
98 64.8 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VV006085.D (-578) (-)

Ion 61.00 (60.70 to 61.70): VV006085.D (-578) (-)

Ion 98.00 (97.70 to 98.70): VV006085.D (-578) (-)



#18

Methyl tert-butyl Ether

Concen: 48.36 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

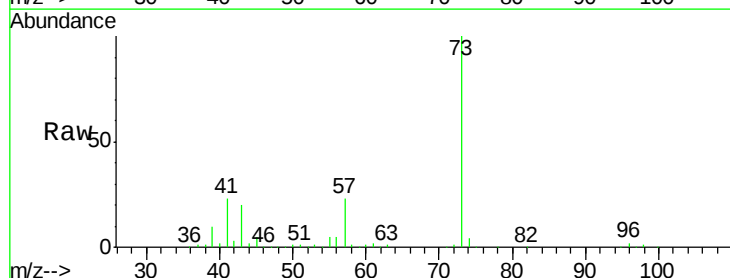
Tgt Ion: 73 Resp: 289784

Ion Ratio Lower Upper

73 100

43 19.9 15.9 23.9

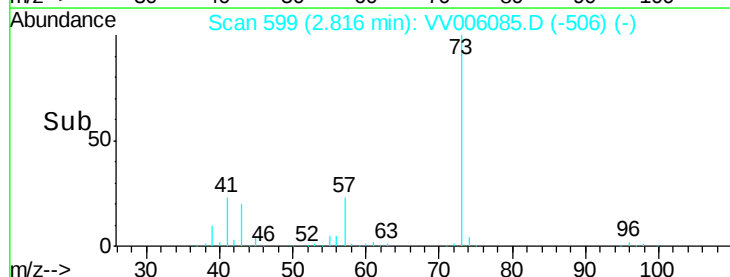
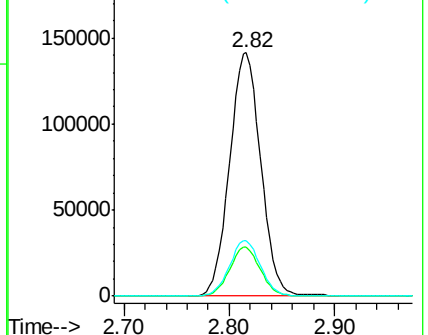
57 22.8 18.2 27.4

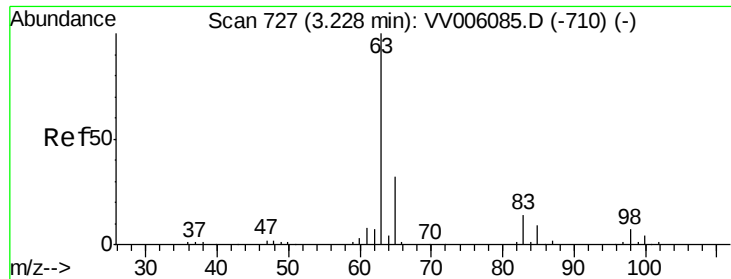


Abundance Ion 73.00 (72.70 to 73.70): VV006085.D (-582) (-)

Ion 43.00 (42.70 to 43.70): VV006085.D (-582) (-)

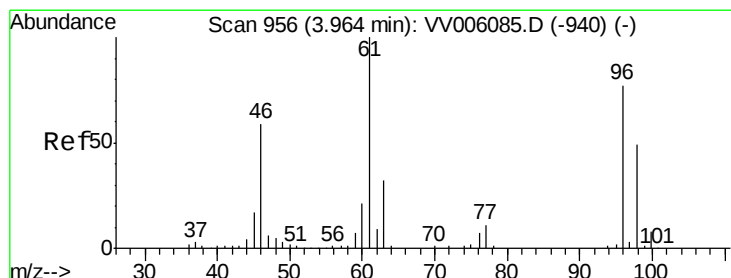
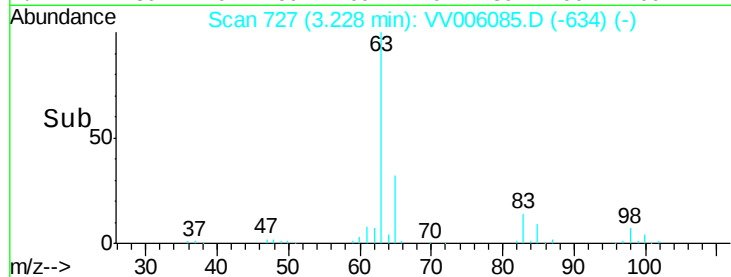
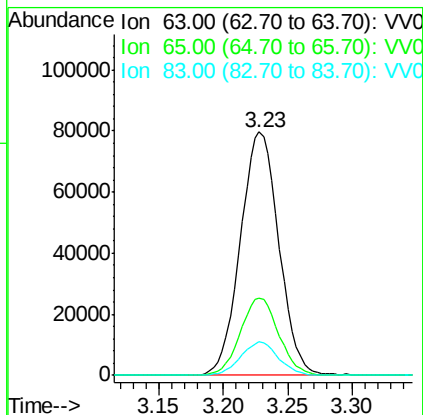
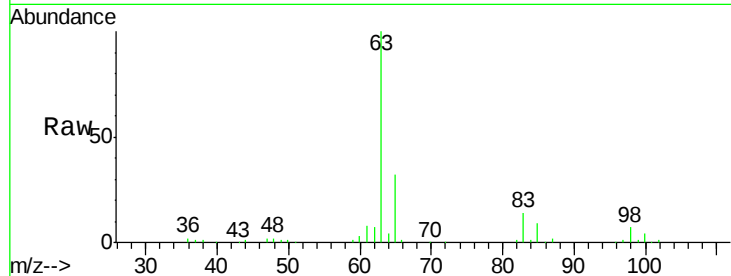
Ion 57.00 (56.70 to 57.70): VV006085.D (-582) (-)





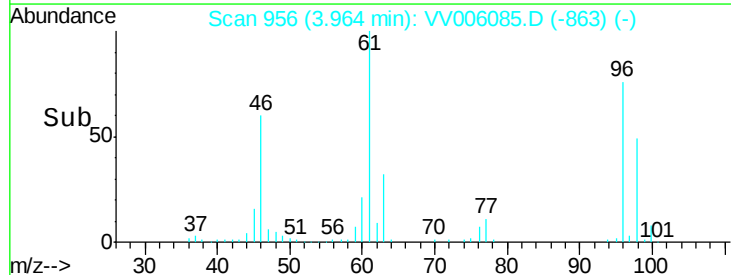
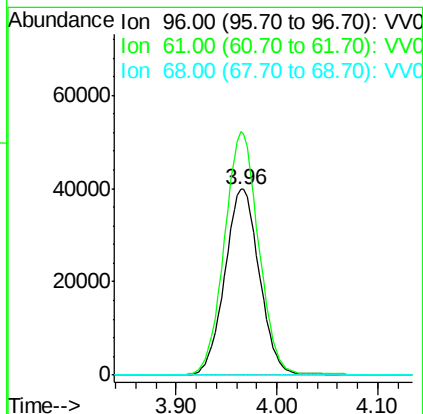
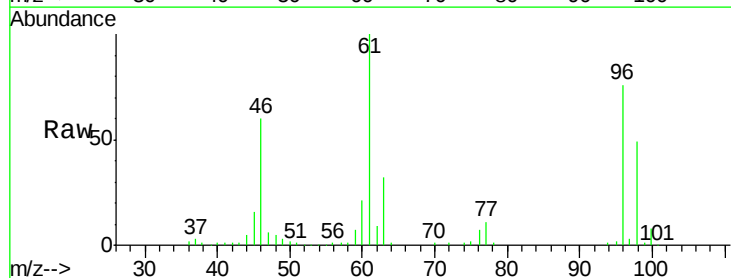
#19
 1,1-Dichloroethane
 Concen: 45.87 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

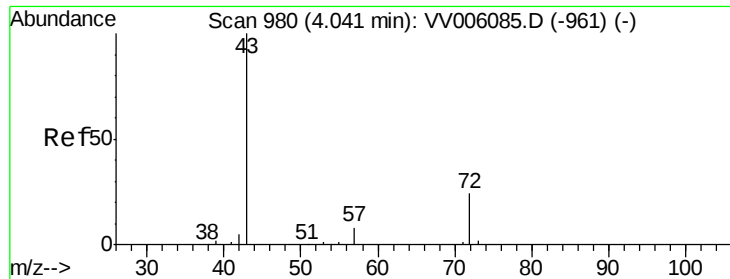
Tgt Ion: 63 Resp: 165589
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.3 41.5
 83 13.6 9.5 17.7



#20
 cis-1,2-Dichloroethene
 Concen: 45.41 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion: 96 Resp: 95378
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.7 170.3
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 98.92 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV006085.D

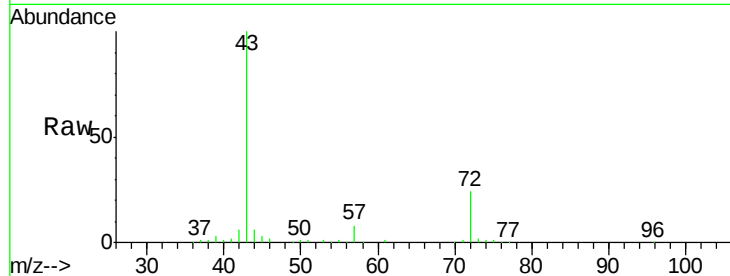
Acq: 27 May 2018 14:19

Tgt Ion: 43 Resp: 158000

Ion Ratio Lower Upper

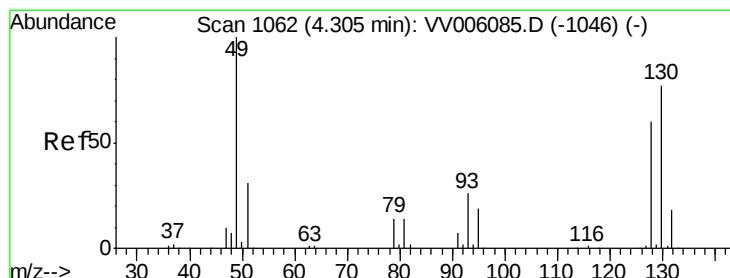
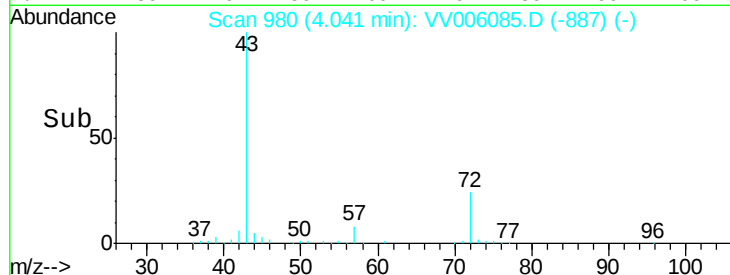
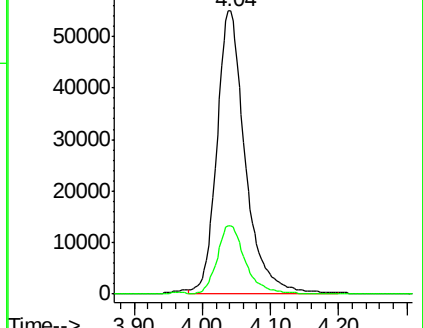
43 100

72 23.7 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VV006085.D (-961) (-)



#23

Bromochloromethane

Concen: 46.70 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

Tgt Ion: 128 Resp: 47940

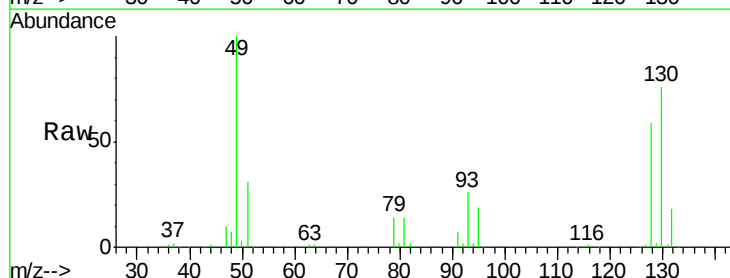
Ion Ratio Lower Upper

128 100

49 168.7 118.1 219.3

130 128.7 90.1 167.3

51 52.4 41.9 62.9

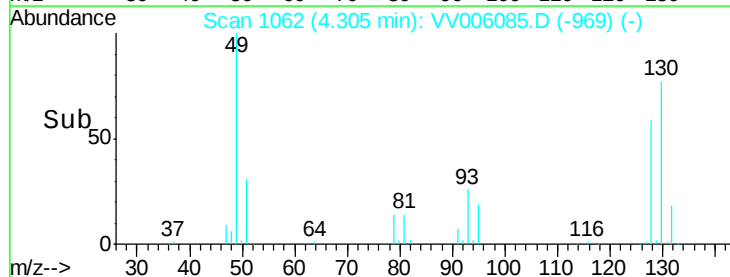
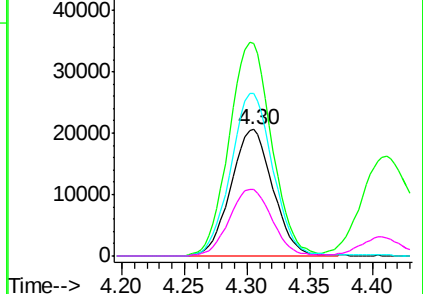


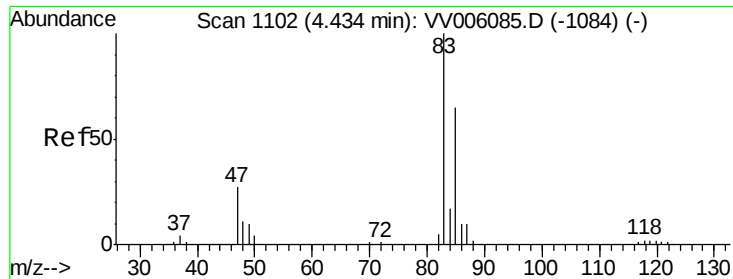
Abundance Ion 128.00 (127.70 to 128.70): VV006085.D (-1046) (-)

Ion 49.00 (48.70 to 49.70): VV006085.D (-1046) (-)

Ion 130.00 (129.70 to 130.70): VV006085.D (-1046) (-)

Ion 51.00 (50.70 to 51.70): VV006085.D (-1046) (-)





#25

Chloroform

Concen: 43.64 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006085.D

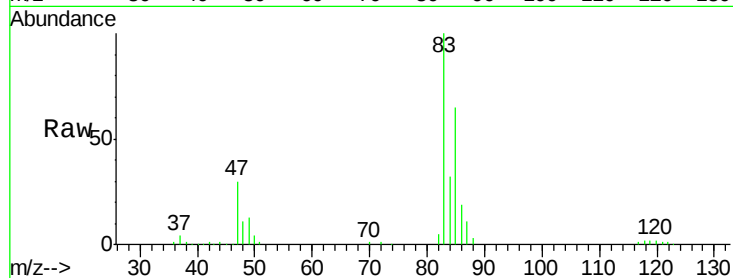
Acq: 27 May 2018 14:19

Tgt Ion: 83 Resp: 163585

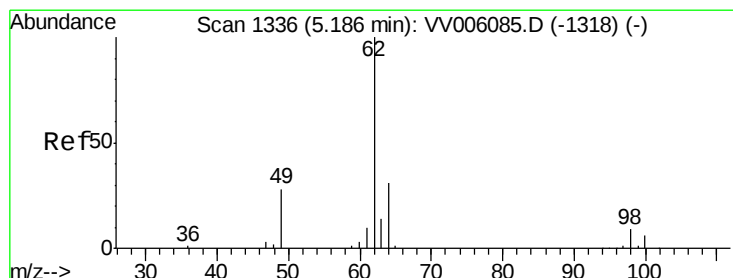
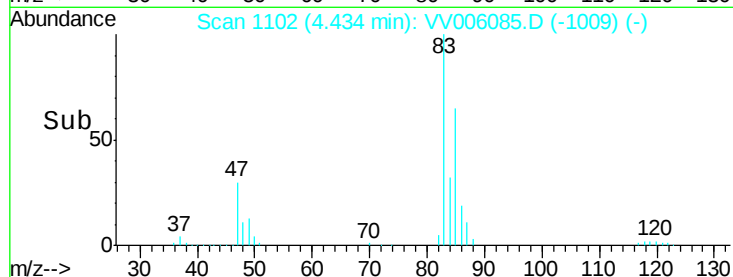
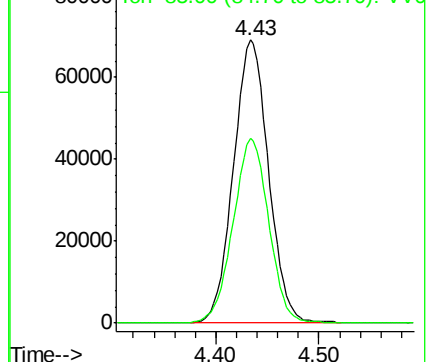
Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV006085.D (-1084) (-)



#27

1,2-Dichloroethane

Concen: 42.63 ug/L

RT: 5.19 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VV006085.D

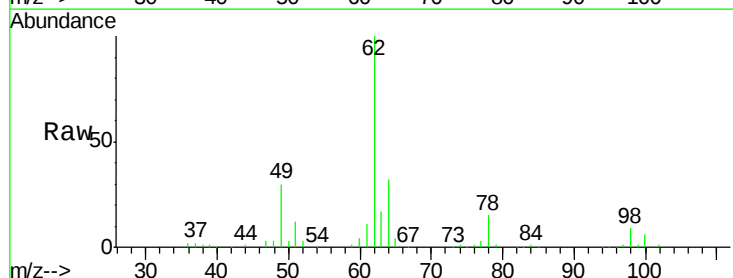
Acq: 27 May 2018 14:19

Tgt Ion: 62 Resp: 129333

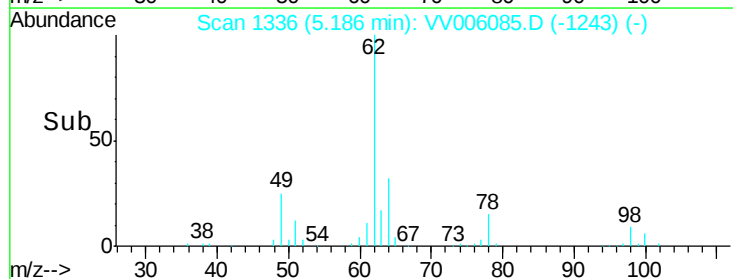
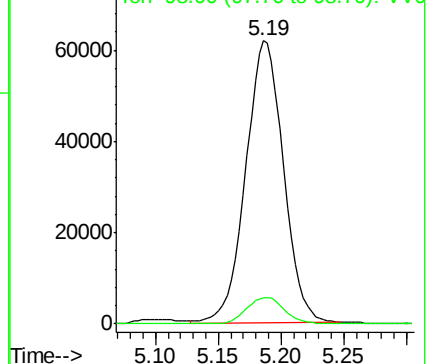
Ion Ratio Lower Upper

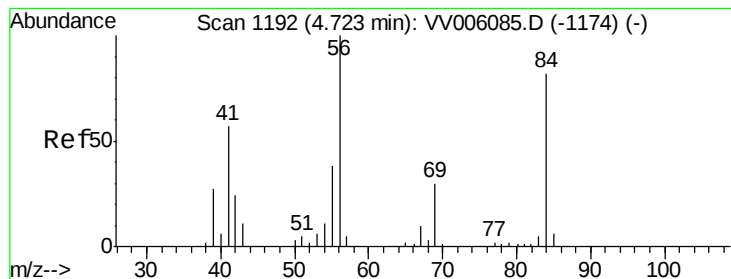
62 100

98 9.2 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV006085.D (-1318) (-)





#29

Cyclohexane

Concen: 48.27 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

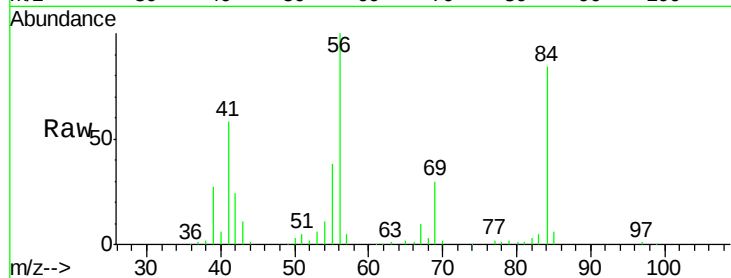
Tgt Ion: 56 Resp: 148562

Ion Ratio Lower Upper

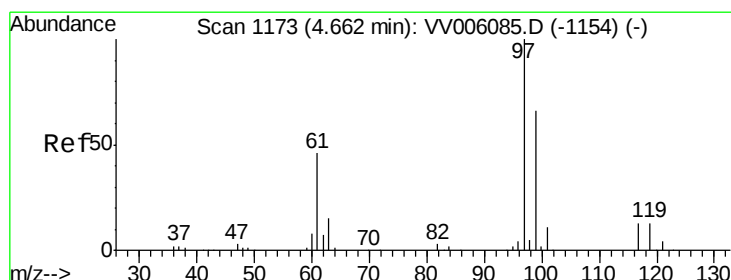
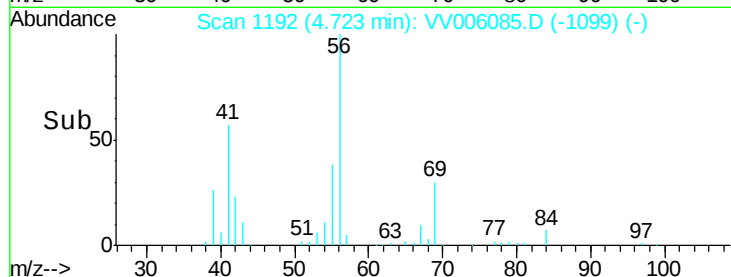
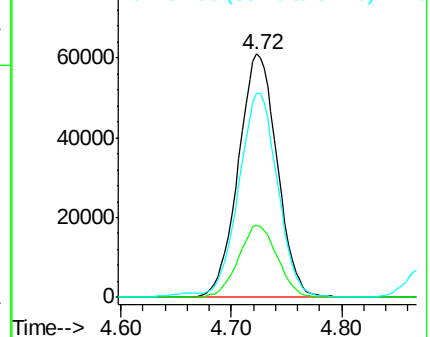
56 100

69 29.7 23.8 35.6

84 83.9 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 42.34 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

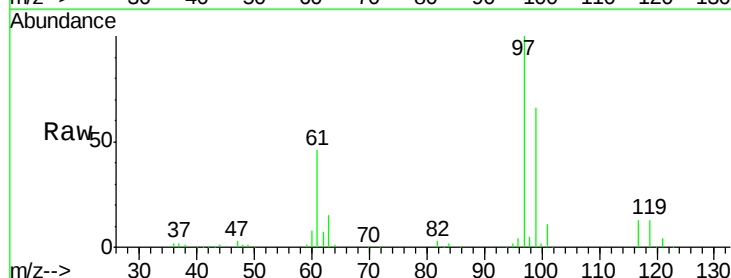
Tgt Ion: 97 Resp: 135982

Ion Ratio Lower Upper

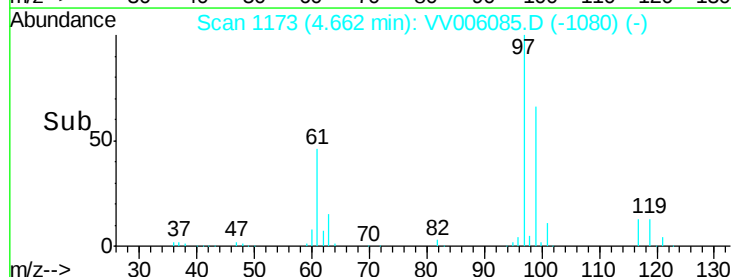
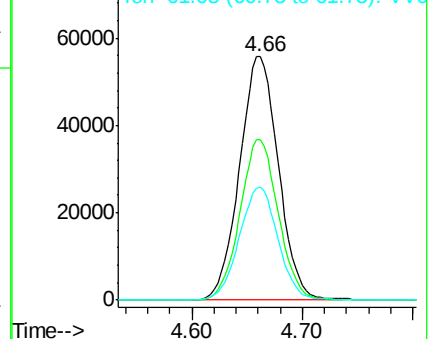
97 100

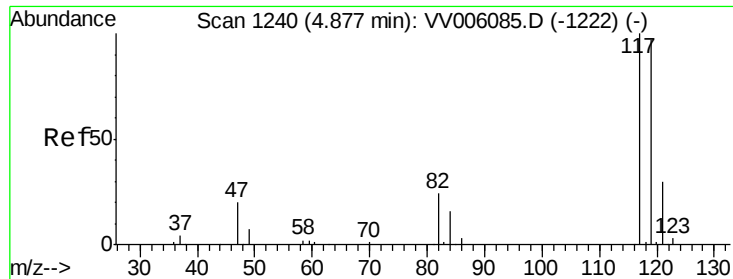
99 64.9 51.9 77.9

61 46.3 37.0 55.6



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 43.07 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006085.D

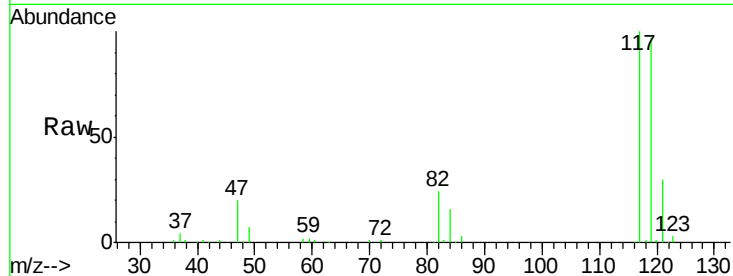
Acq: 27 May 2018 14:19

Tgt Ion:117 Resp: 119476

Ion Ratio Lower Upper

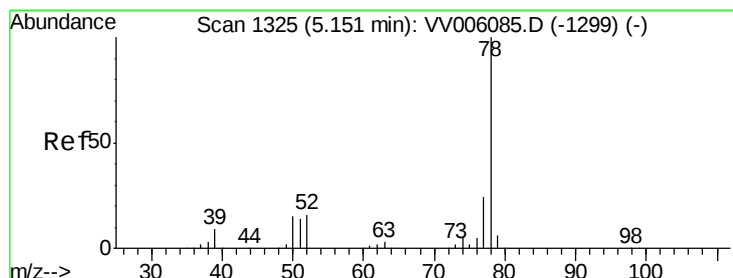
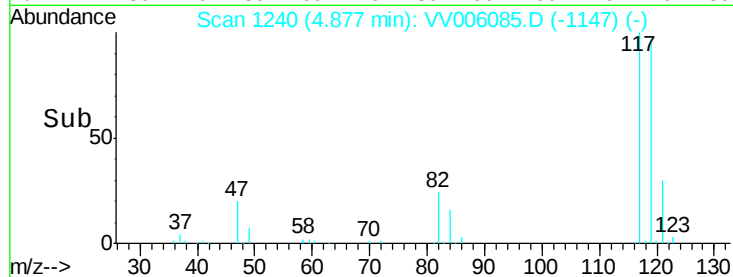
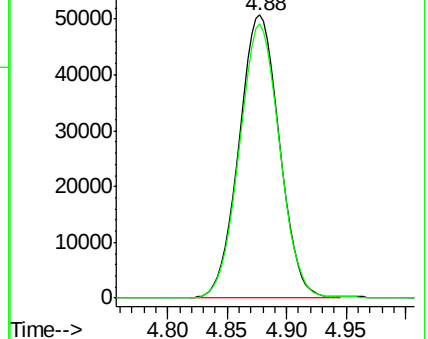
117 100

119 96.5 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 47.59 ug/L

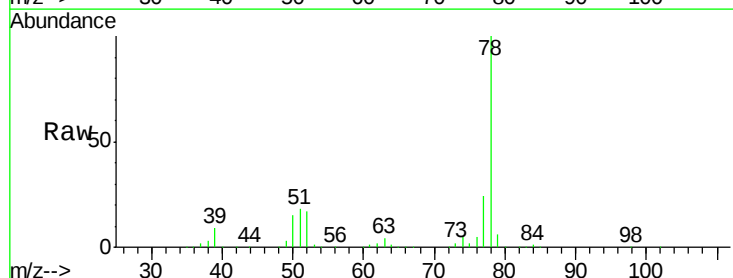
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

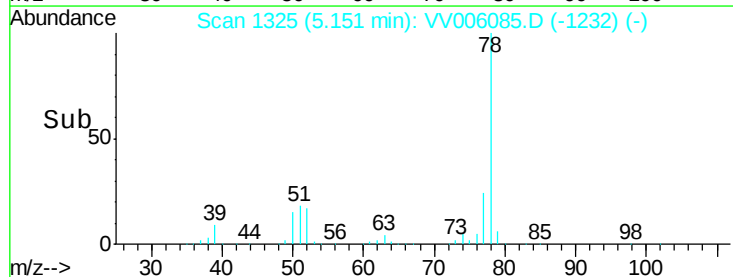
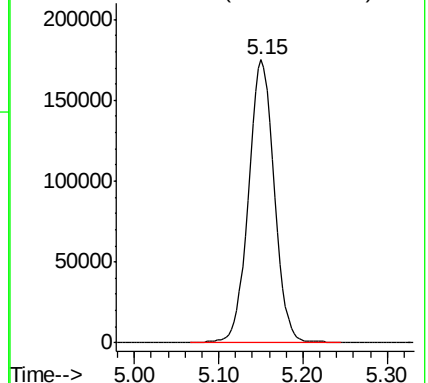
Lab File: VV006085.D

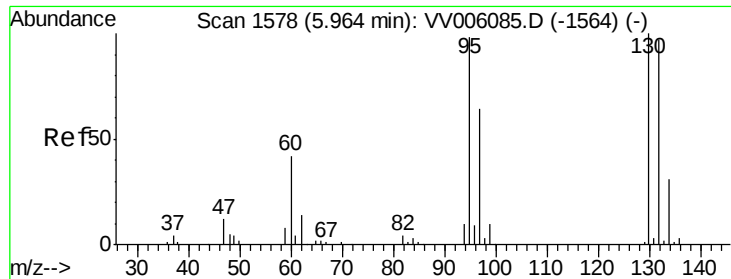
Acq: 27 May 2018 14:19

Tgt Ion: 78 Resp: 372589



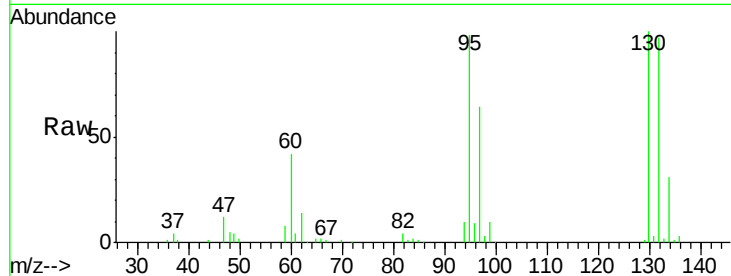
Abundance Ion 78.00 (77.70 to 78.70): VV0



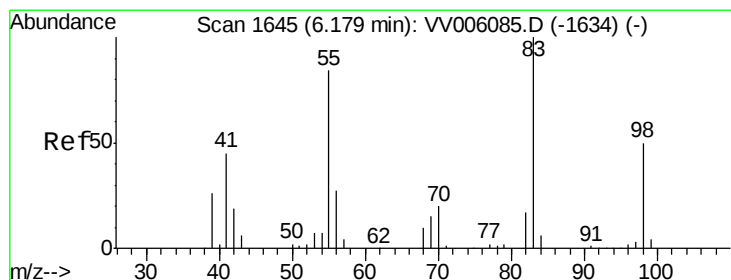
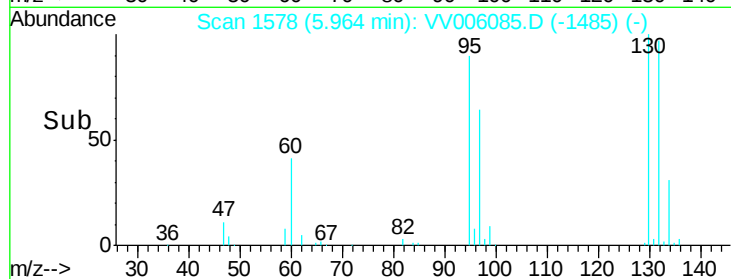
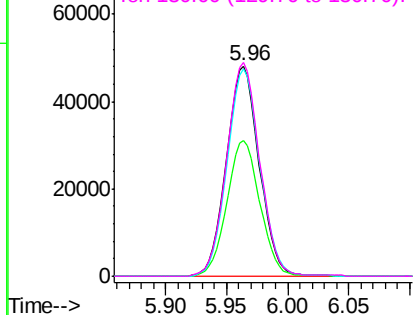


#34
 Trichloroethene
 Concen: 45.29 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion:	95	Resp:	90709
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.4	84.4
132	98.6	69.0	128.2
130	101.7	71.2	132.2

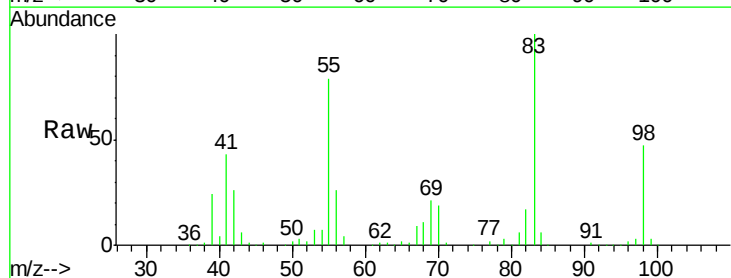


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

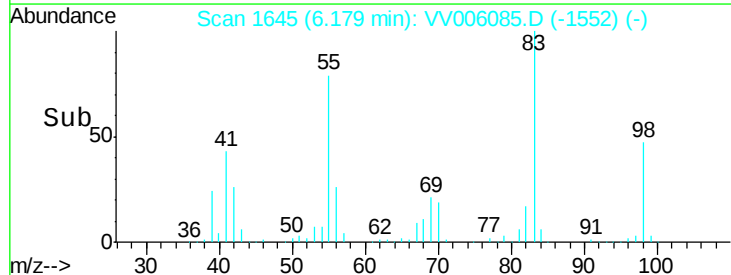
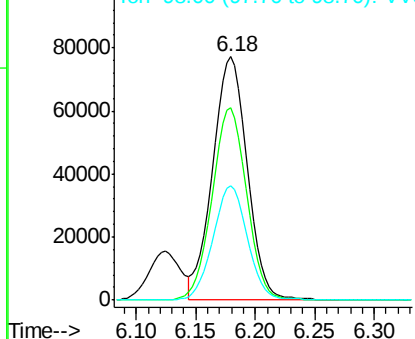


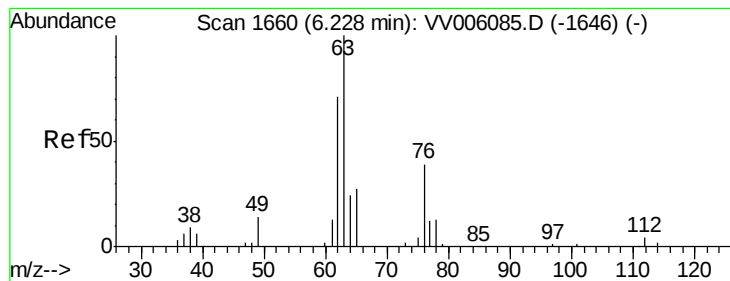
#35
 Methylcyclohexane
 Concen: 49.29 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion:	83	Resp:	155519
Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.8	94.2
98	46.9	37.5	56.3



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 48.42 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VV006085.D

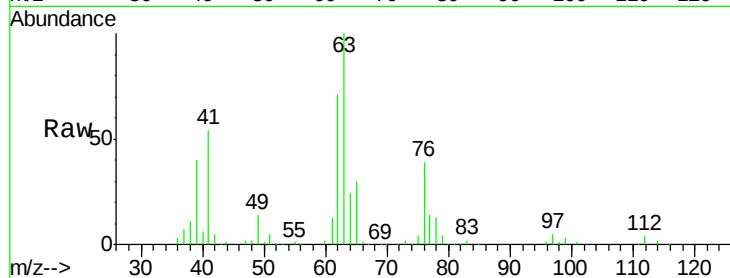
Acq: 27 May 2018 14:19

Tgt Ion: 63 Resp: 102121

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8

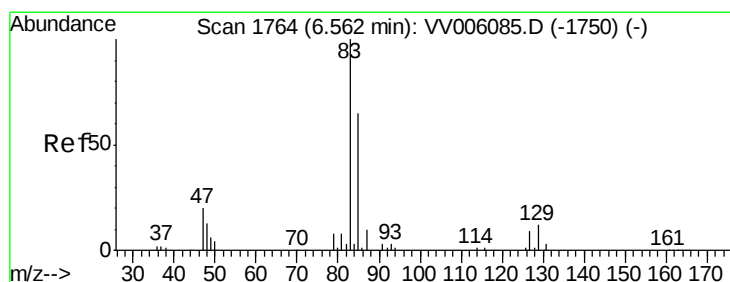
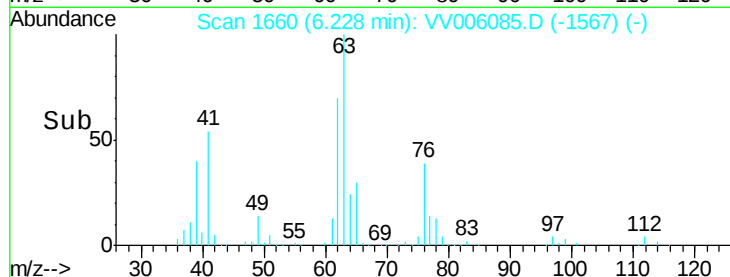


Abundance Ion 63.00 (62.70 to 63.70): VV006085.D (-1646) (-)

Ion 112.00 (111.70 to 112.70): VV006085.D (-1646) (-)

6.23

Time-->



#38

Bromodichloromethane

Concen: 44.27 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

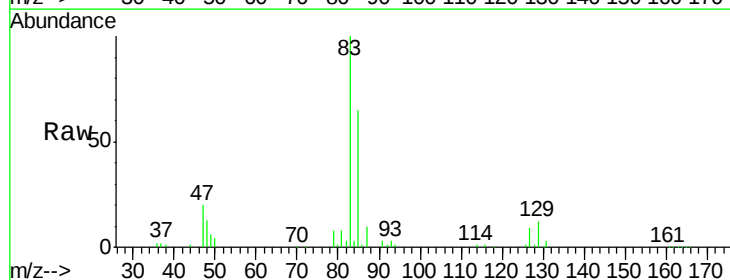
Tgt Ion: 83 Resp: 118388

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

127 8.6 6.9 10.3



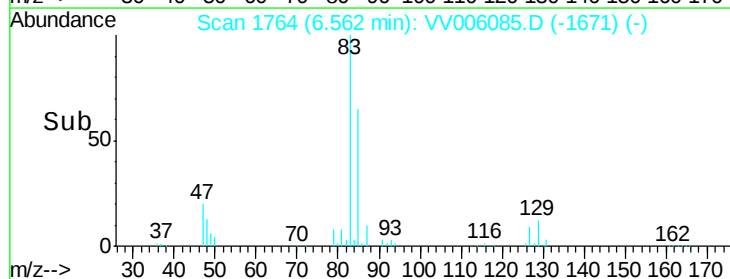
Abundance Ion 83.00 (82.70 to 83.70): VV006085.D (-1750) (-)

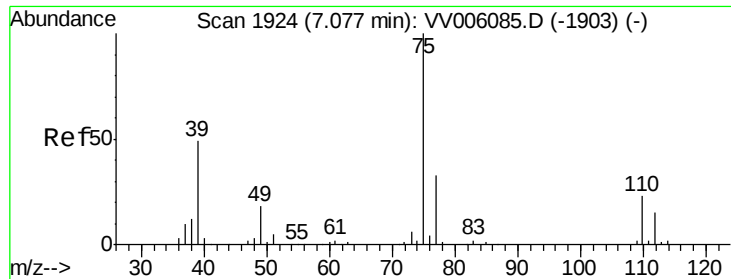
Ion 85.00 (84.70 to 85.70): VV006085.D (-1750) (-)

Ion 127.00 (126.70 to 127.70): VV006085.D (-1750) (-)

6.56

Time-->





#39

cis-1,3-Dichloropropene

Concen: 47.47 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV006085.D

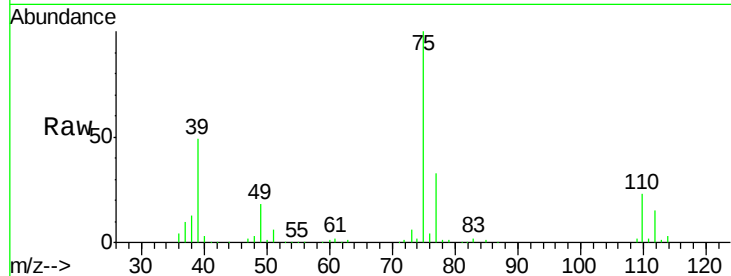
Acq: 27 May 2018 14:19

Tgt Ion: 75 Resp: 145782

Ion Ratio Lower Upper

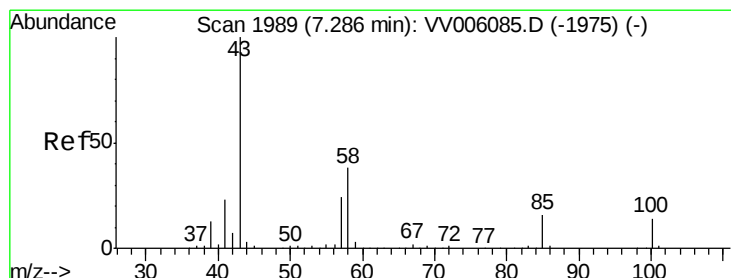
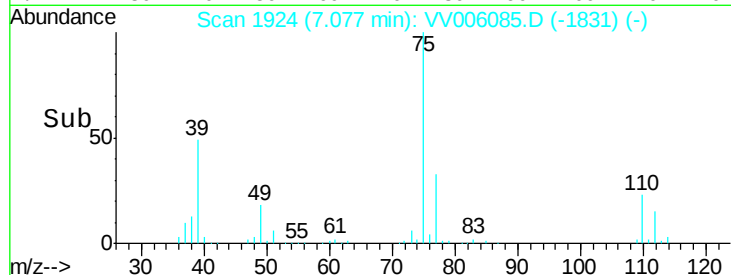
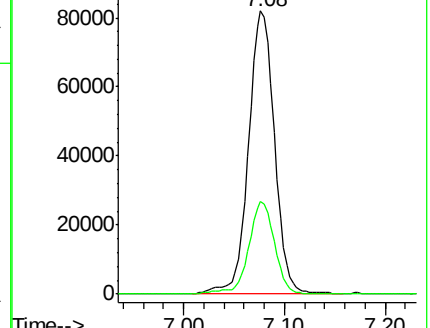
75 100

77 32.6 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV006085.D (-1903) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-1903) (-)



#40

4-Methyl-2-pentanone

Concen: 99.39 ug/L

RT: 7.29 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

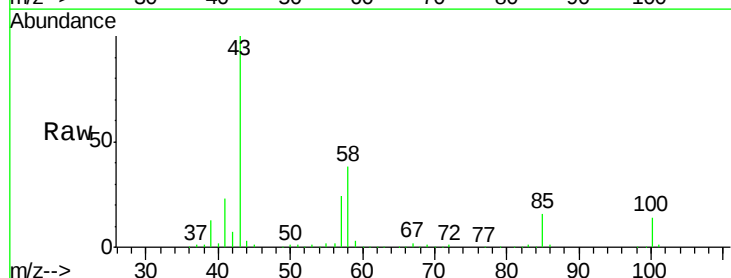
Tgt Ion: 43 Resp: 277501

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5

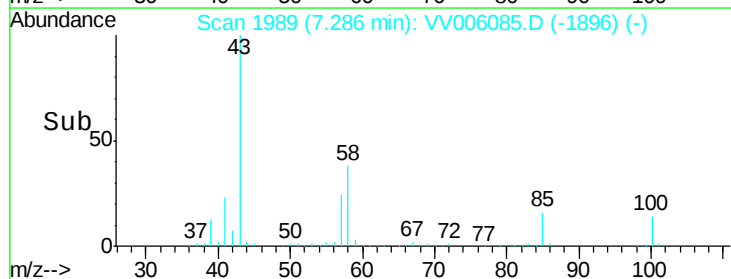
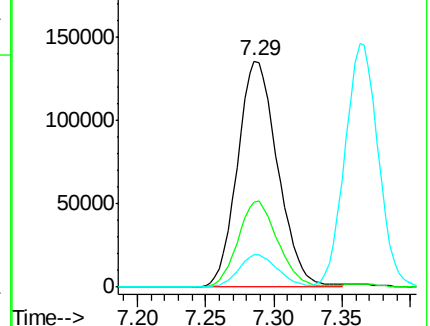
100 14.0 11.2 16.8

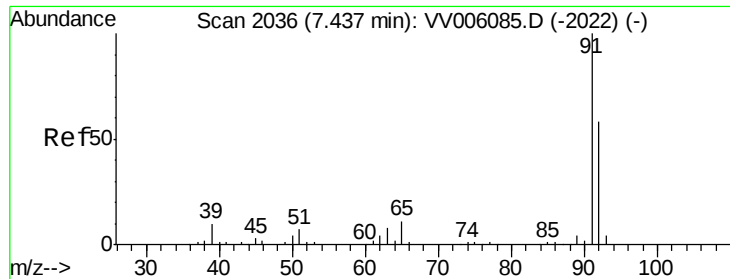


Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-1989) (-)

Ion 58.00 (57.70 to 58.70): VV006085.D (-1989) (-)

Ion 100.00 (99.70 to 100.70): VV006085.D (-1989) (-)





#42

Toluene

Concen: 47.99 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006085.D

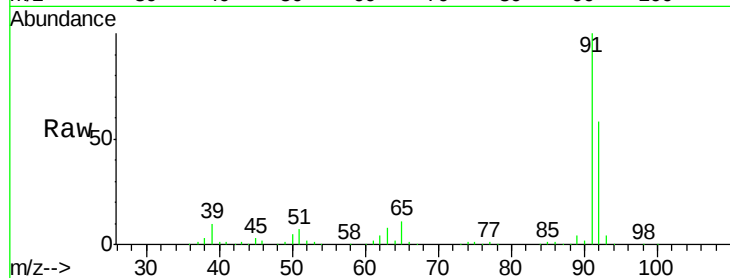
Acq: 27 May 2018 14:19

Tgt Ion: 91 Resp: 389805

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV006085.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006085.D (-2022) (-)

7.44

250000

200000

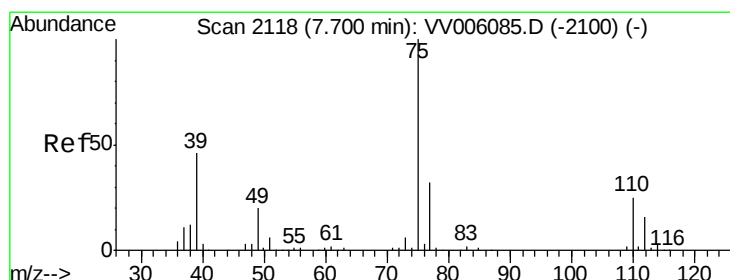
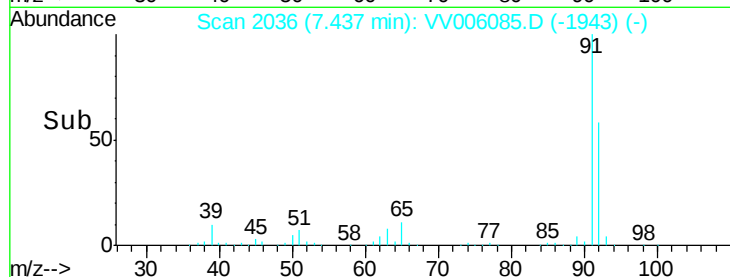
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 46.84 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006085.D

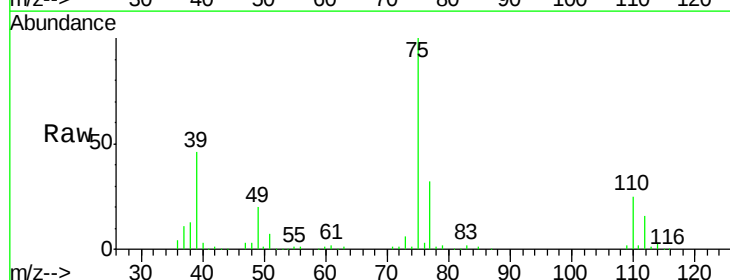
Acq: 27 May 2018 14:19

Tgt Ion: 75 Resp: 134873

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV006085.D (-2100) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-2100) (-)

7.70

80000

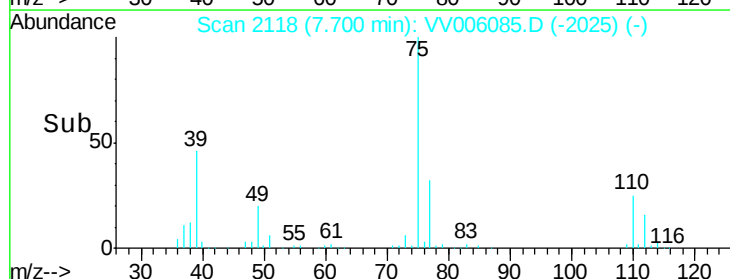
60000

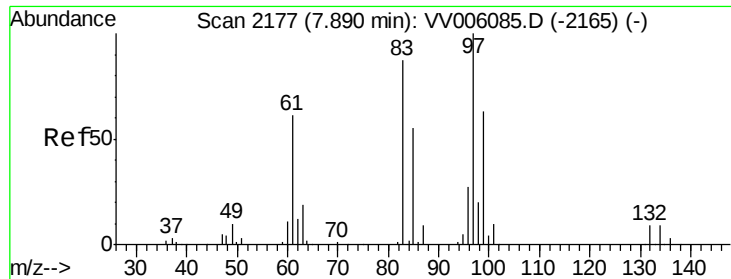
40000

20000

0

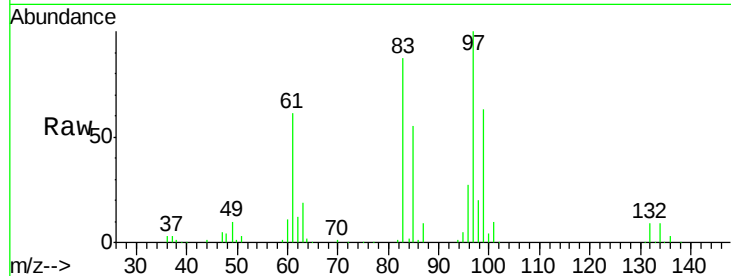
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 46.58 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion:	97	Resp:	92771
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	87.2	61.0	113.4
85	55.1	38.6	71.6



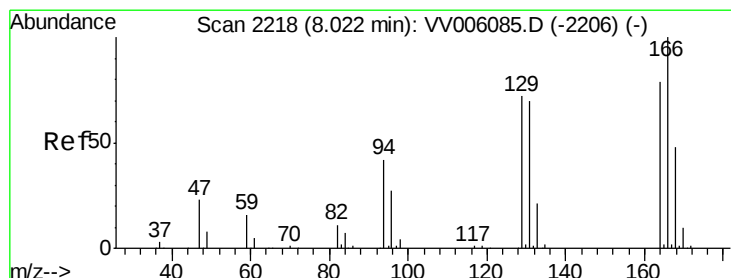
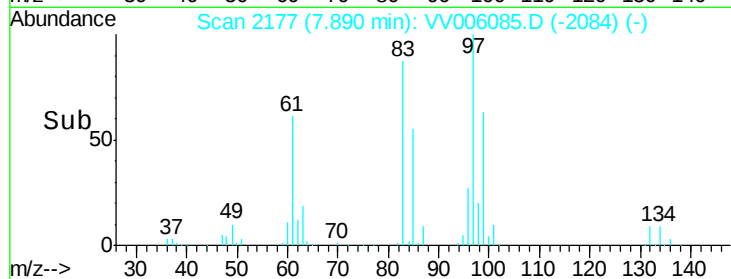
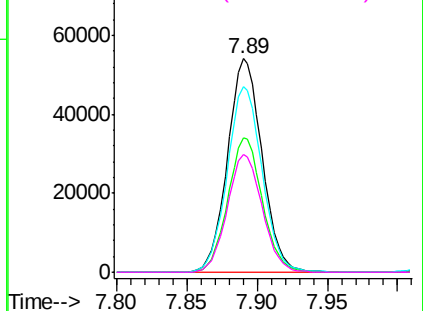
Abundance

Ion 97.00 (96.70 to 97.70): VV006085.D (-2165) (-)

Ion 99.00 (98.70 to 99.70): VV006085.D (-2165) (-)

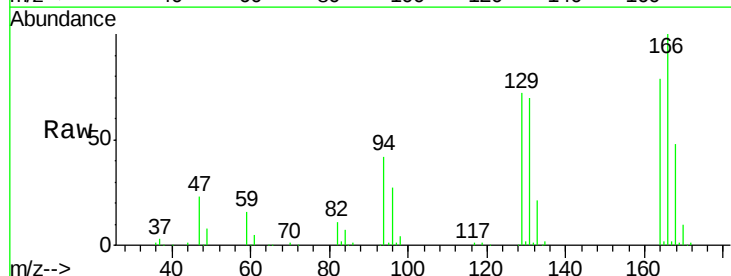
Ion 83.00 (82.70 to 83.70): VV006085.D (-2165) (-)

Ion 85.00 (84.70 to 85.70): VV006085.D (-2165) (-)



#46
 Tetrachloroethene
 Concen: 50.25 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion:	164	Resp:	77725
Ion	Ratio	Lower	Upper
164	100		
129	91.3	63.9	118.7
131	88.0	61.6	114.4
166	126.2	88.3	164.1



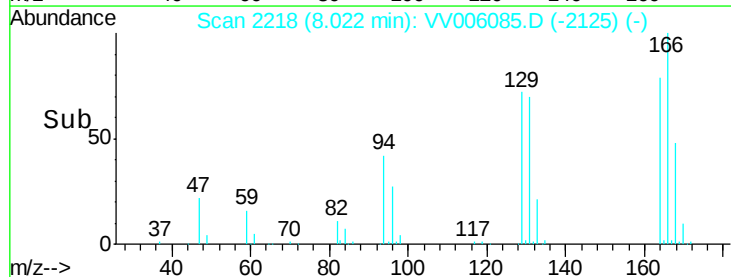
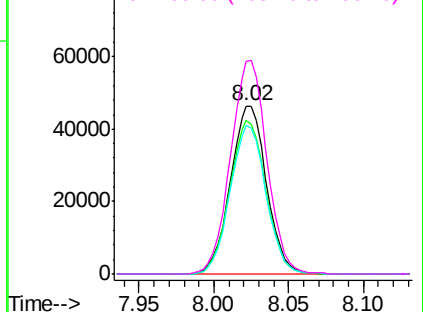
Abundance

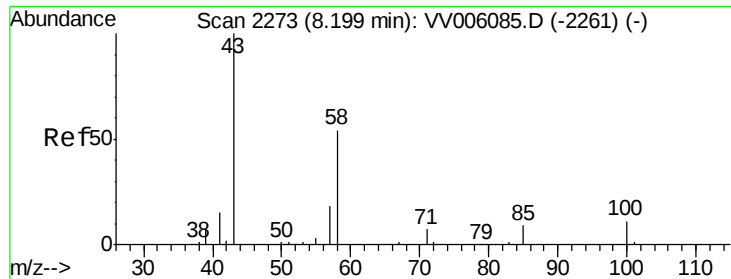
Ion 164.00 (163.70 to 164.70): VV006085.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV006085.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV006085.D (-2206) (-)

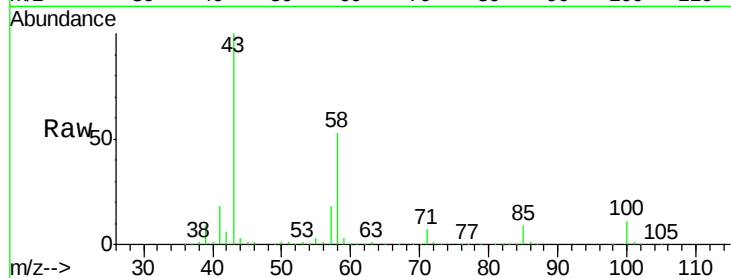
Ion 166.00 (165.70 to 166.70): VV006085.D (-2206) (-)



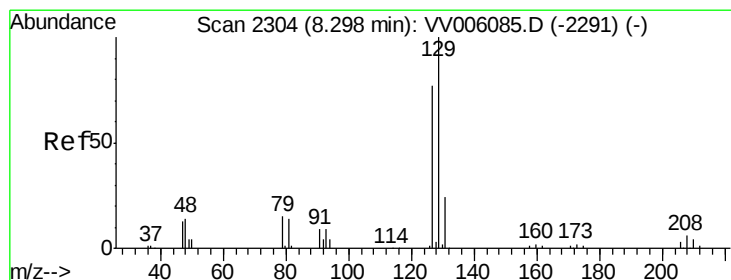
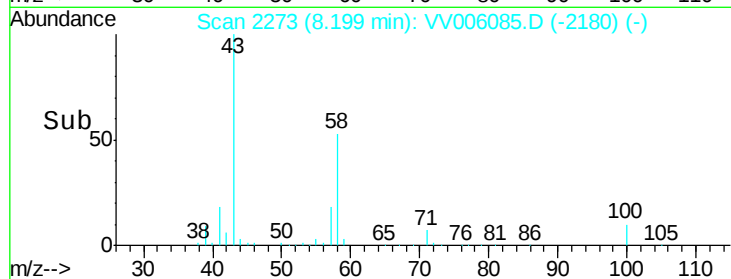
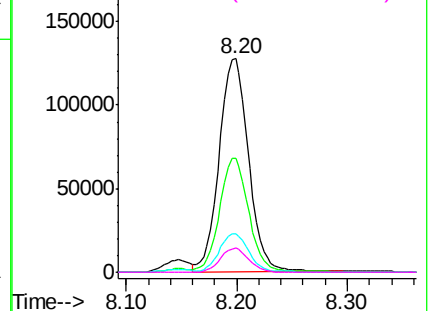


#48
2-Hexanone
Concen: 108.19 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion: 43 Resp: 236150
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.4
57 18.1 14.5 21.7
100 10.9 8.7 13.1

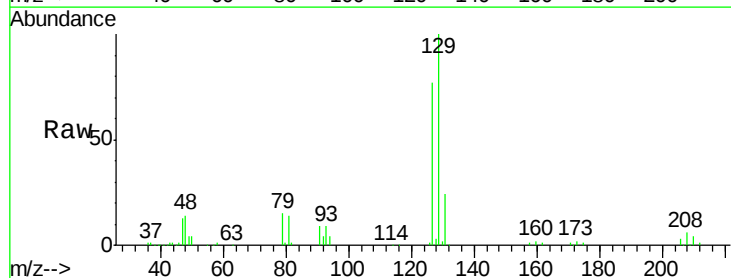


Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-2261) (-)
Ion 58.00 (57.70 to 58.70): VV006085.D (-2261) (-)
Ion 57.00 (56.70 to 57.70): VV006085.D (-2261) (-)
Ion 100.00 (99.70 to 100.70): VV006085.D (-2261) (-)

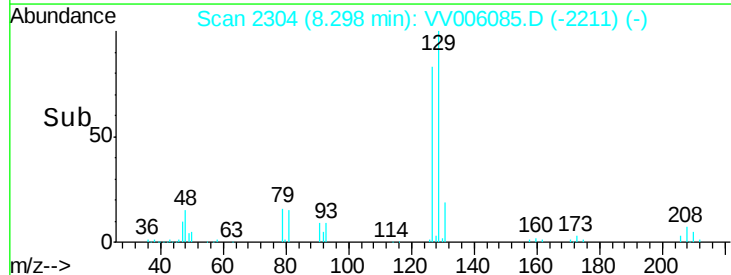
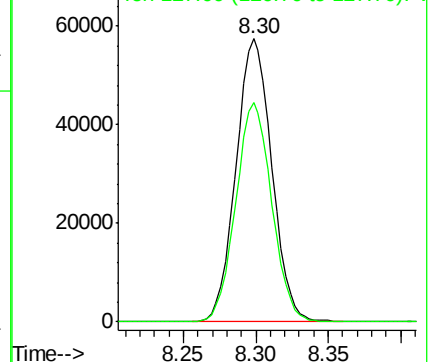


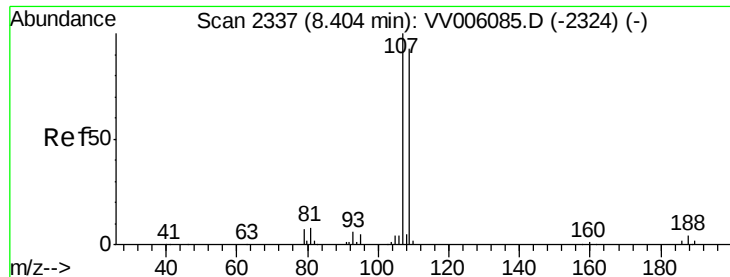
#49
Dibromochloromethane
Concen: 46.82 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion: 129 Resp: 98355
Ion Ratio Lower Upper
129 100
127 77.3 54.1 100.5



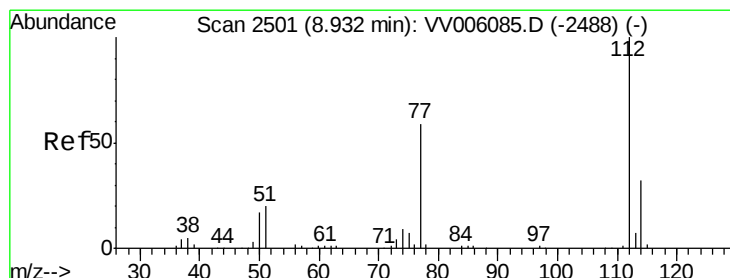
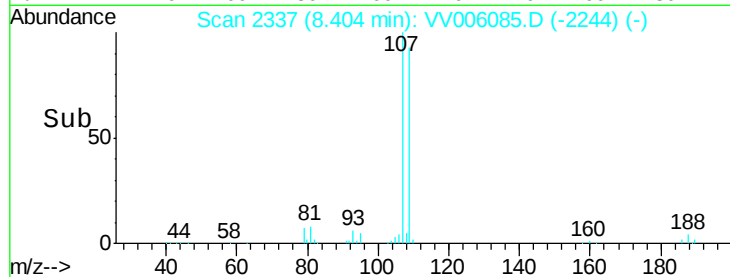
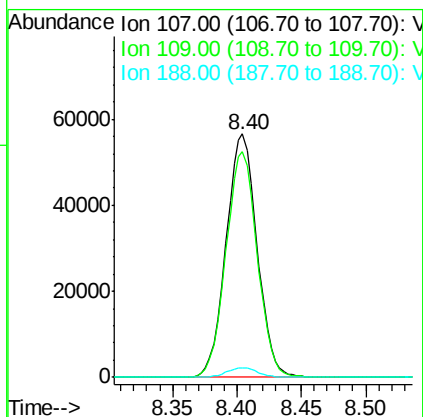
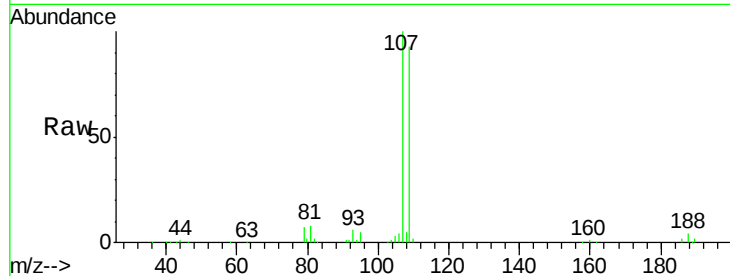
Abundance Ion 129.00 (128.70 to 129.70): VV006085.D (-2291) (-)
Ion 127.00 (126.70 to 127.70): VV006085.D (-2291) (-)





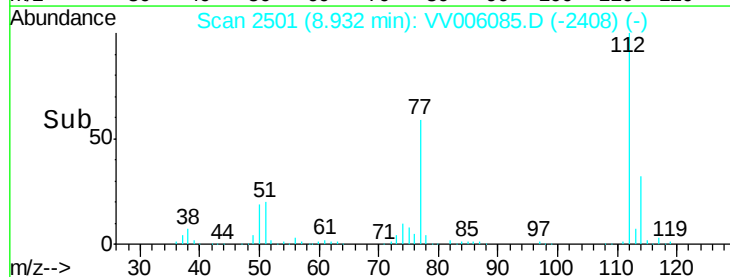
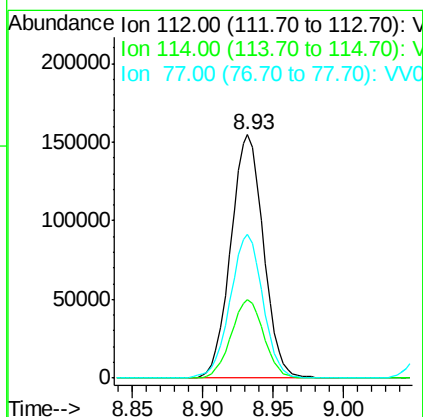
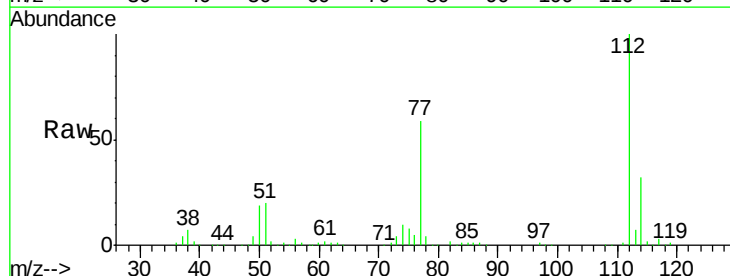
#50
 1,2-Dibromoethane
 Concen: 46.10 ug/L
 RT: 8.40 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

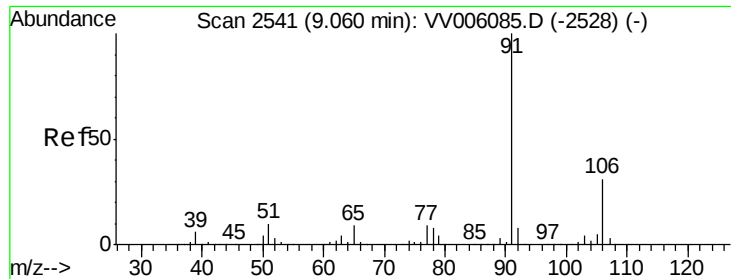
Tgt Ion:107 Resp: 94358
 Ion Ratio Lower Upper
 107 100
 109 92.6 64.8 120.4
 188 3.9 3.1 4.7



#51
 Chlorobenzene
 Concen: 46.29 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion:112 Resp: 251274
 Ion Ratio Lower Upper
 112 100
 114 32.3 22.6 42.0
 77 59.0 47.2 70.8





#52

Ethylbenzene

Concen: 47.54 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006085.D

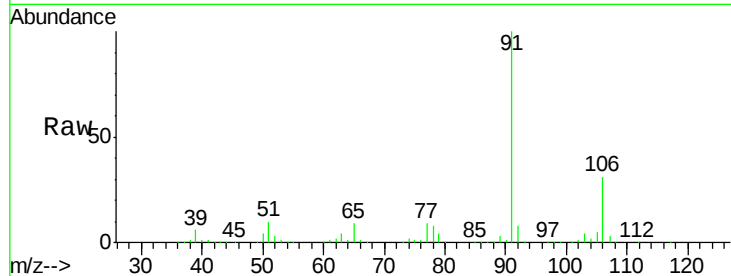
Acq: 27 May 2018 14:19

Tgt Ion: 91 Resp: 423723

Ion Ratio Lower Upper

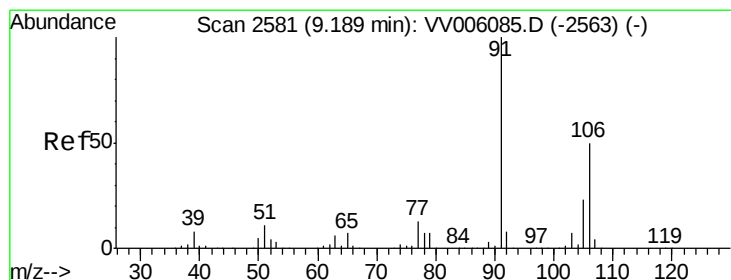
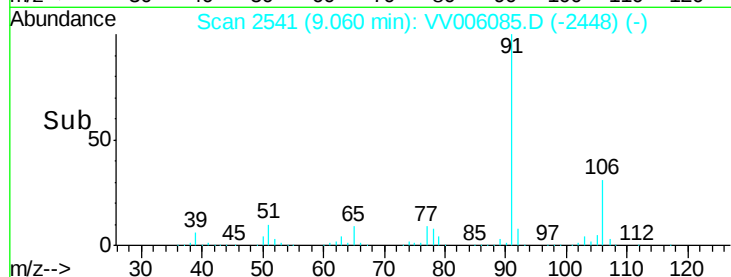
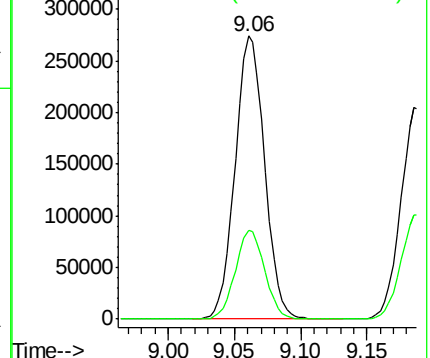
91 100

106 31.2 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 49.31 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006085.D

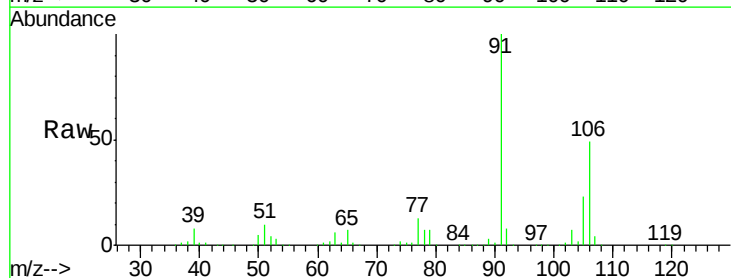
Acq: 27 May 2018 14:19

Tgt Ion: 106 Resp: 163231

Ion Ratio Lower Upper

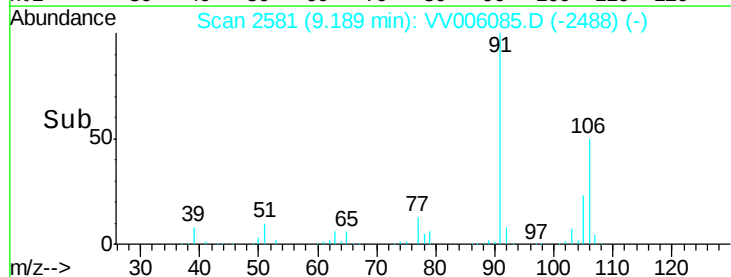
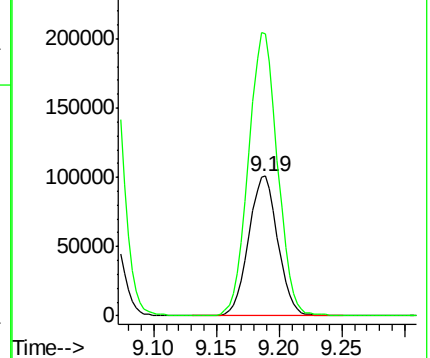
106 100

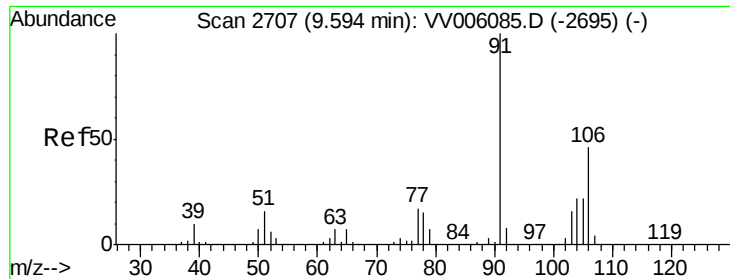
91 202.1 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): V

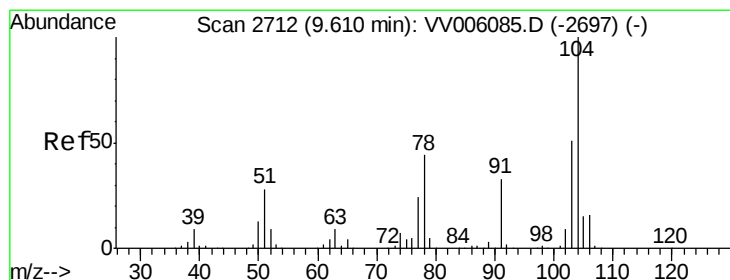
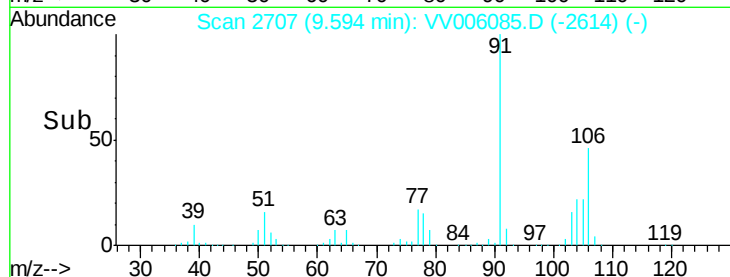
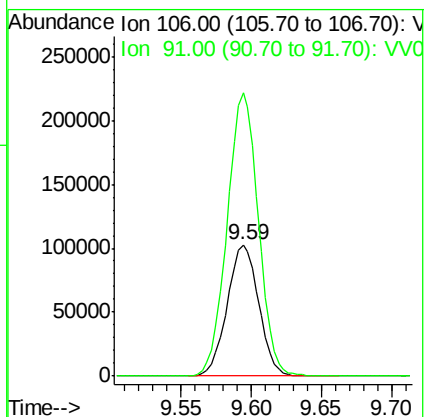
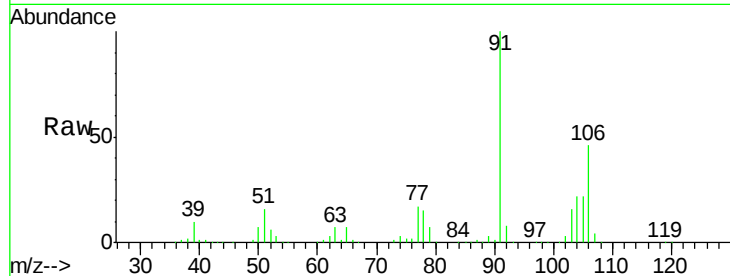
Ion 91.00 (90.70 to 91.70): VV0





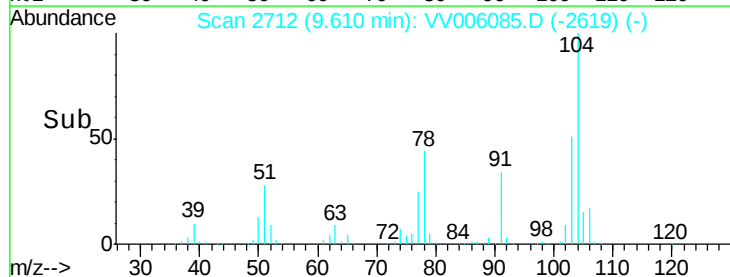
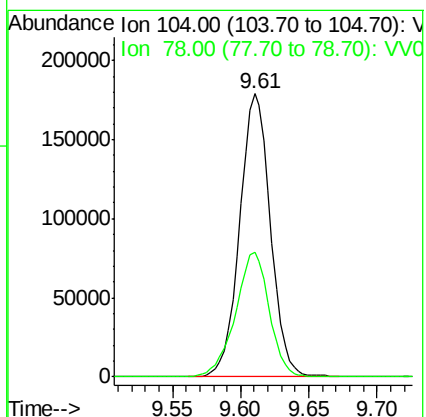
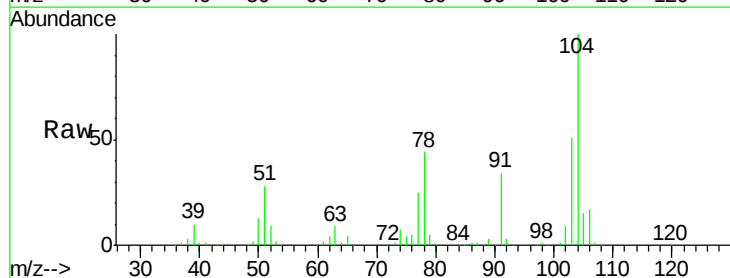
#54
o-xylene
Concen: 49.34 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

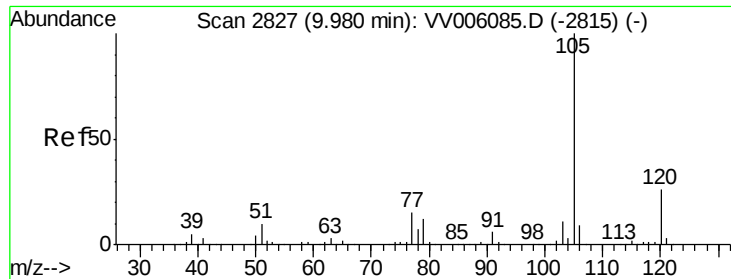
Tgt Ion:106 Resp: 160762
Ion Ratio Lower Upper
106 100
91 215.7 151.0 280.4



#55
Styrene
Concen: 50.00 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion:104 Resp: 279456
Ion Ratio Lower Upper
104 100
78 44.0 30.8 57.2





#56

Isopropylbenzene

Concen: 48.78 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

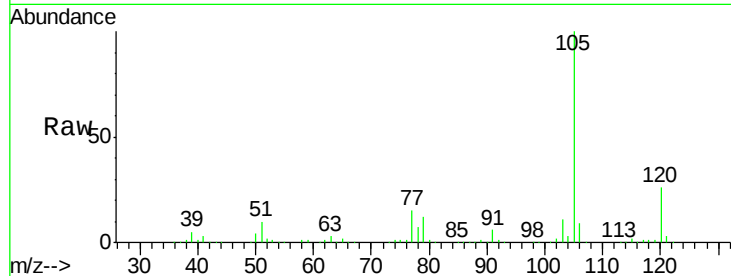
Tgt Ion: 105 Resp: 424260

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

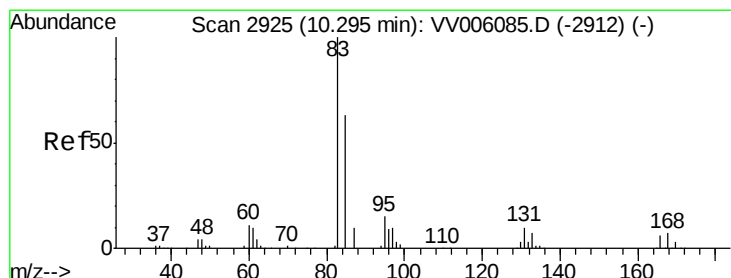
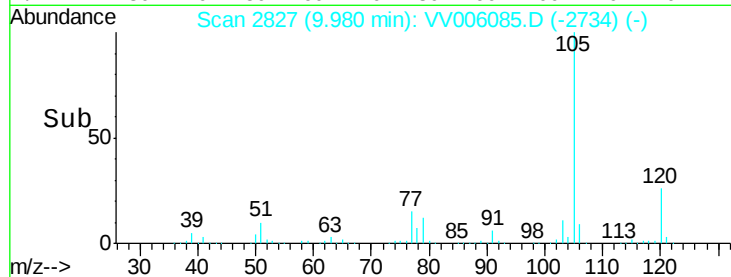
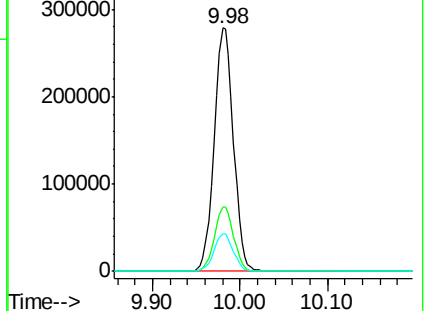
77 15.5 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006085.D (-2815) (-)

Ion 120.00 (119.70 to 120.70): VV006085.D (-2815) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-2815) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 50.79 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

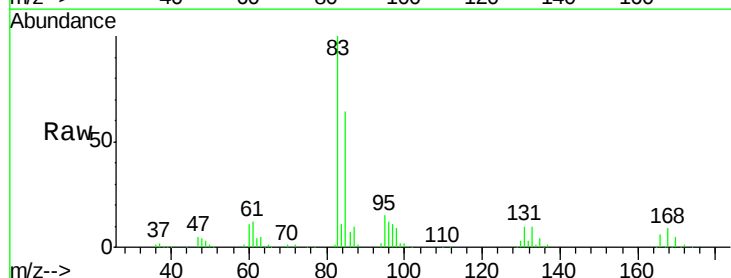
Tgt Ion: 83 Resp: 168880

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

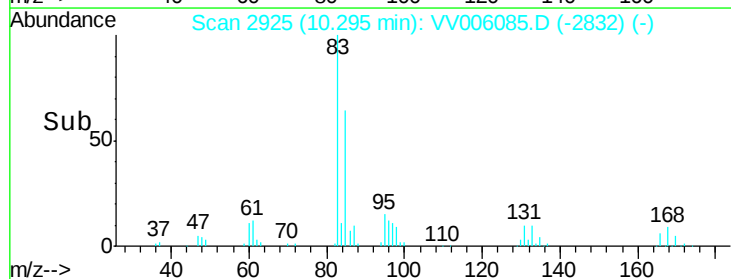
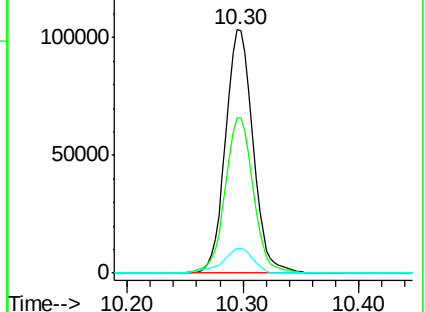
131 9.9 7.9 11.9

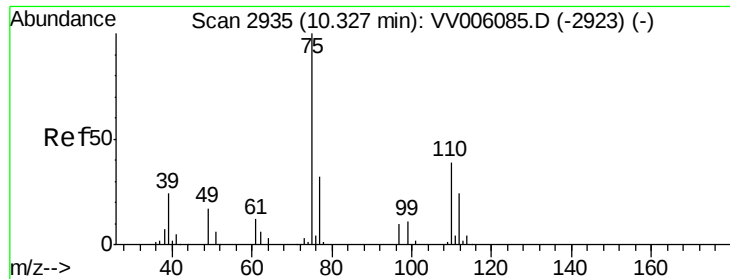


Abundance Ion 83.00 (82.70 to 83.70): VV006085.D (-2912) (-)

Ion 85.00 (84.70 to 85.70): VV006085.D (-2912) (-)

Ion 131.00 (130.70 to 131.70): VV006085.D (-2912) (-)





#59

1,2,3-Trichloropropane

Concen: 48.29 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. 0.00 min

Lab File: VV006085.D

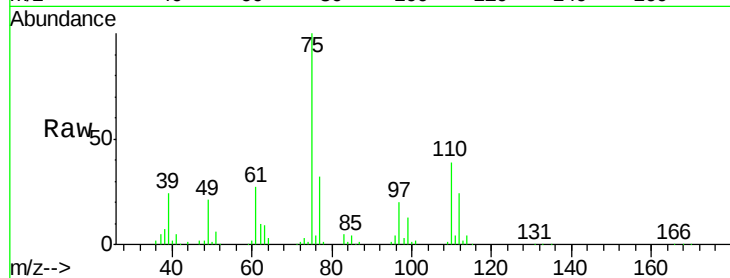
Acq: 27 May 2018 14:19

Tgt Ion: 75 Resp: 129664

Ion Ratio Lower Upper

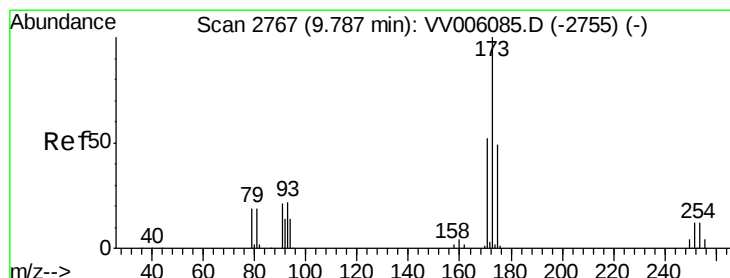
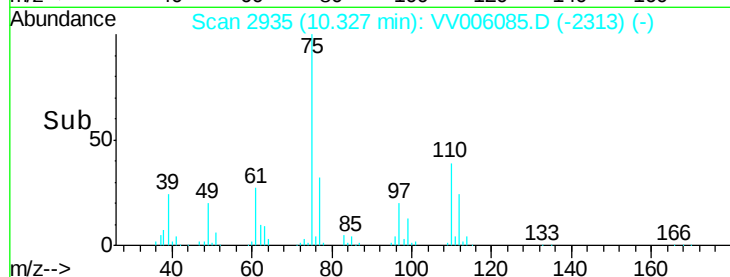
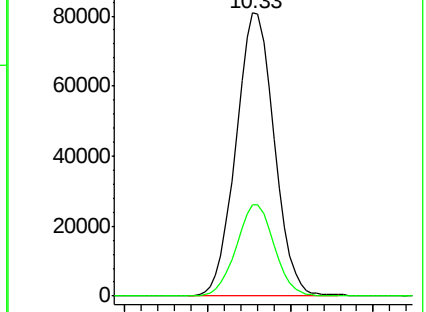
75 100

77 32.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV006085.D (-2923) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-2923) (-)



#61

Bromoform

Concen: 47.04 ug/L

RT: 9.79 min Scan# 2767

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

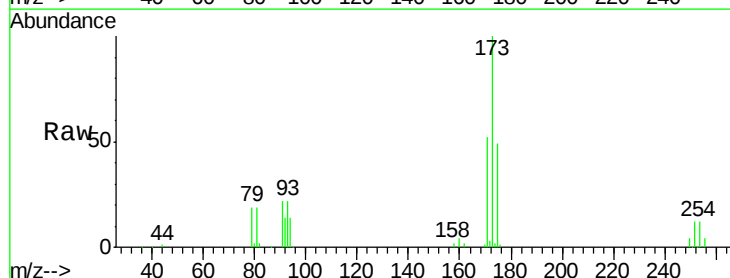
Tgt Ion: 173 Resp: 75712

Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

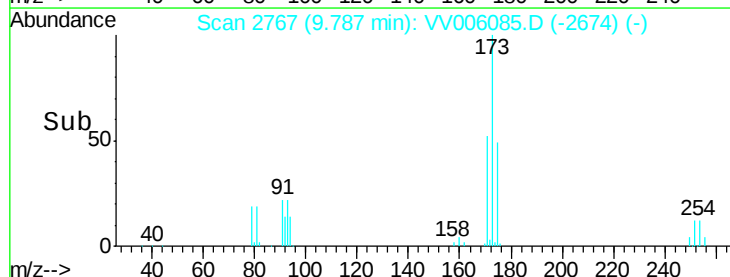
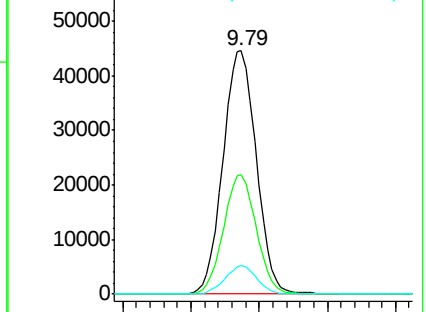
254 11.0 8.8 13.2

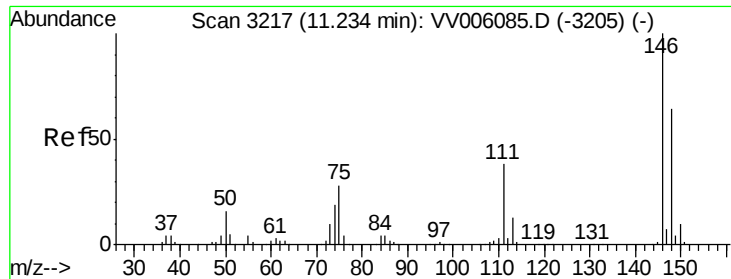


Abundance Ion 173.00 (172.70 to 173.70): VV006085.D (-2755) (-)

Ion 175.00 (174.70 to 175.70): VV006085.D (-2755) (-)

Ion 254.00 (253.70 to 254.70): VV006085.D (-2755) (-)





#62

1,3-Dichlorobenzene

Concen: 46.28 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

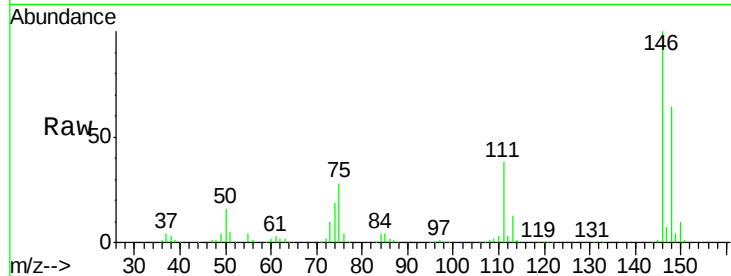
Tgt Ion:146 Resp: 205596

Ion Ratio Lower Upper

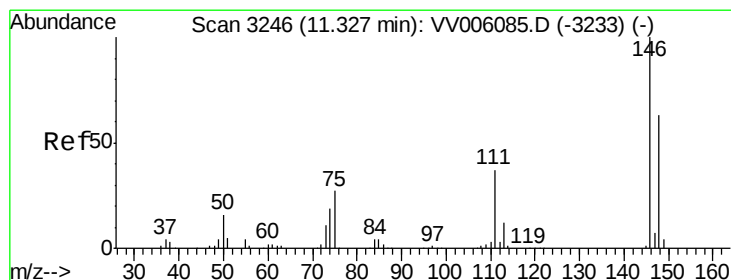
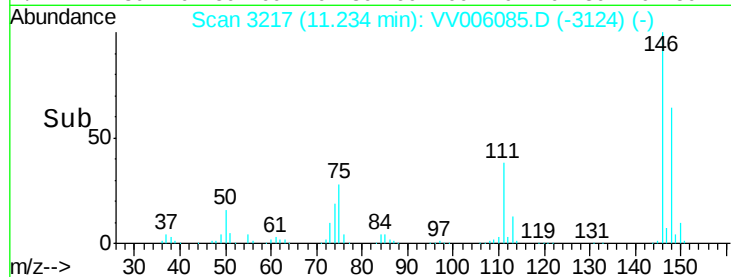
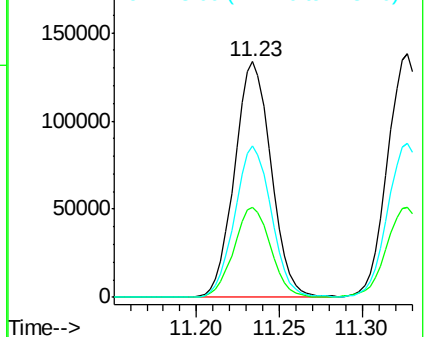
146 100

111 38.4 26.9 49.9

148 64.2 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 46.29 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

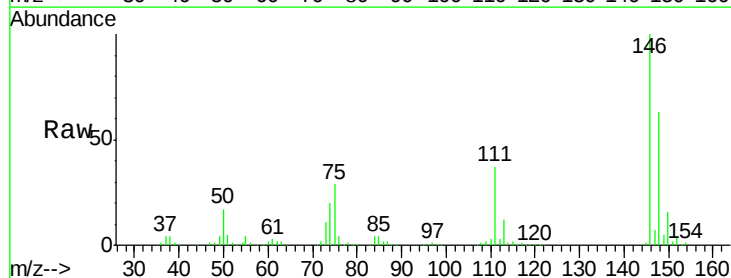
Tgt Ion:146 Resp: 215794

Ion Ratio Lower Upper

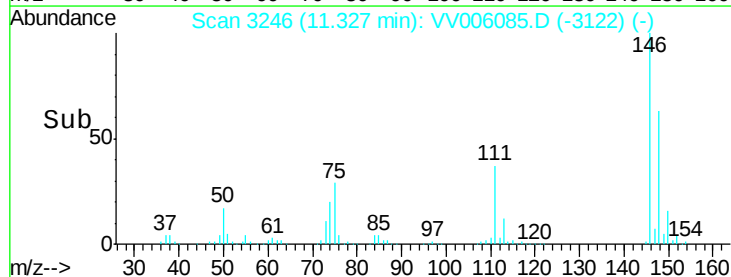
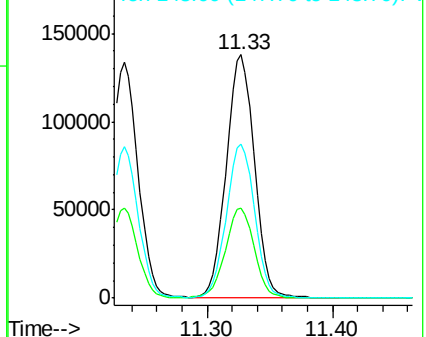
146 100

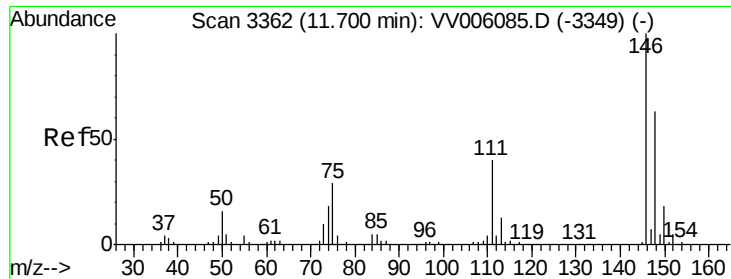
111 37.2 26.0 48.4

148 63.5 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 48.04 ug/L

RT: 11.70 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

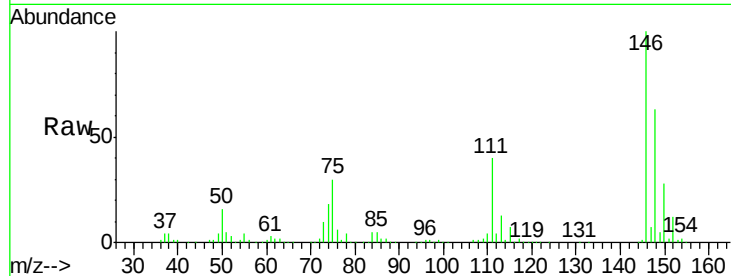
Tgt Ion: 146 Resp: 230577

Ion Ratio Lower Upper

146 100

111 39.8 31.8 47.8

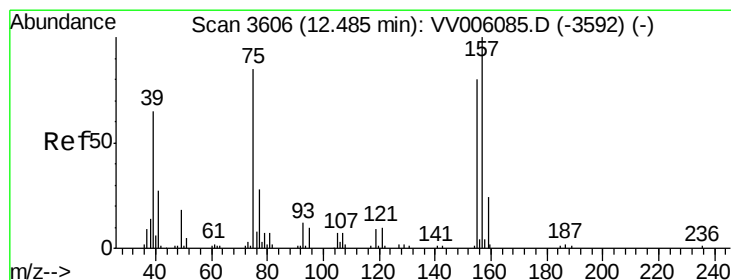
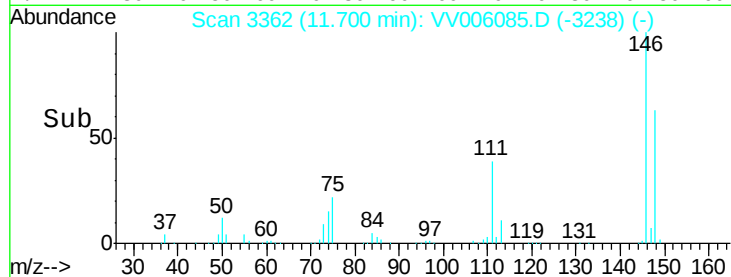
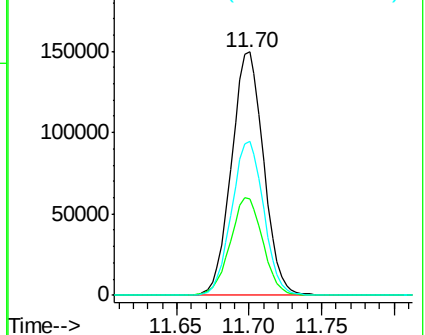
148 63.3 50.6 76.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 39.14 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006085.D

Acq: 27 May 2018 14:19

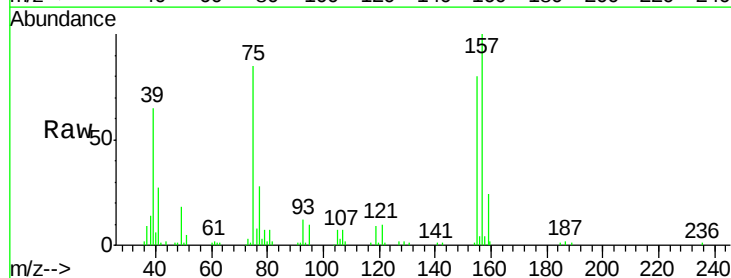
Tgt Ion: 75 Resp: 30062

Ion Ratio Lower Upper

75 100

155 94.9 75.9 113.9

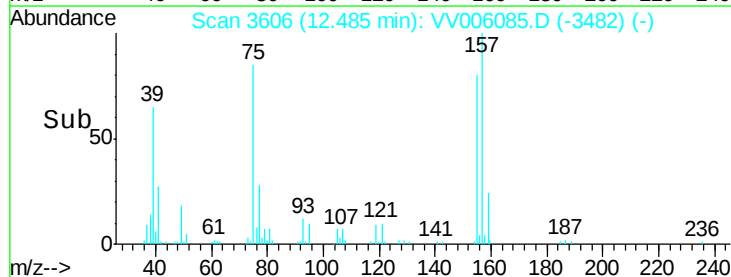
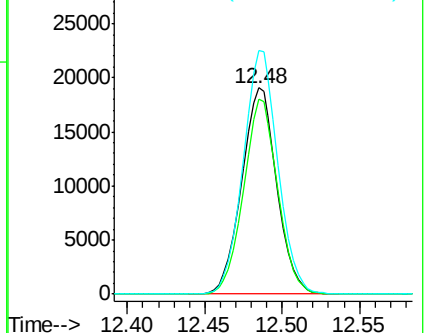
157 118.2 94.6 141.8

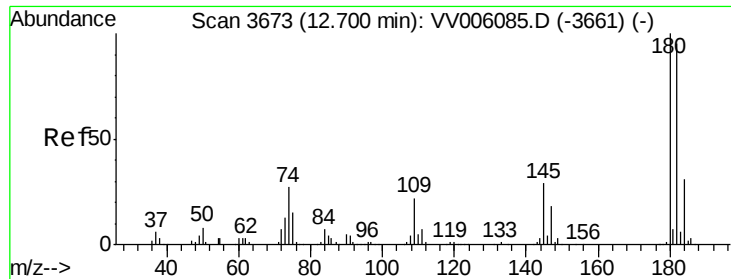


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

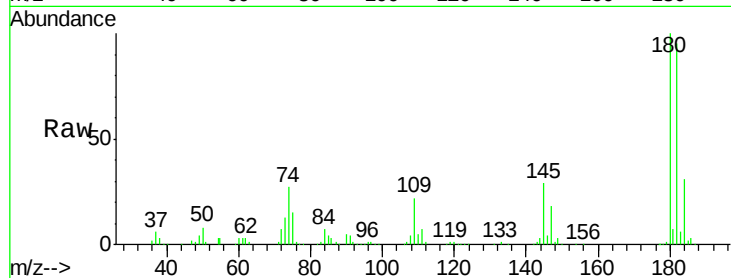
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 50.74 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
184	30.8	24.6	37.0
145	28.1	22.5	33.7

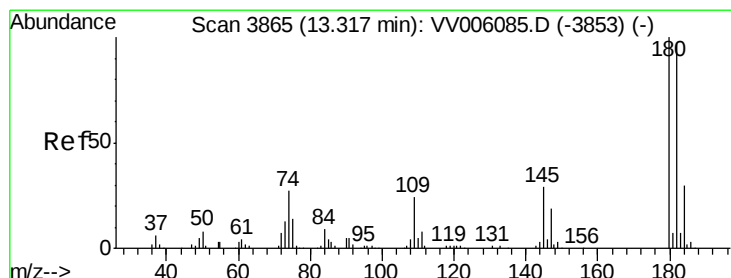
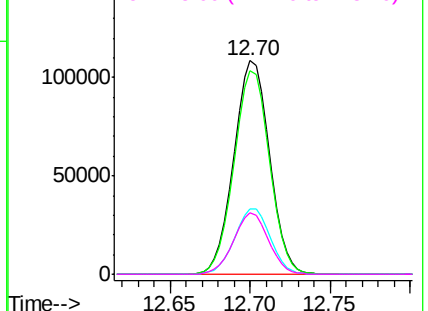
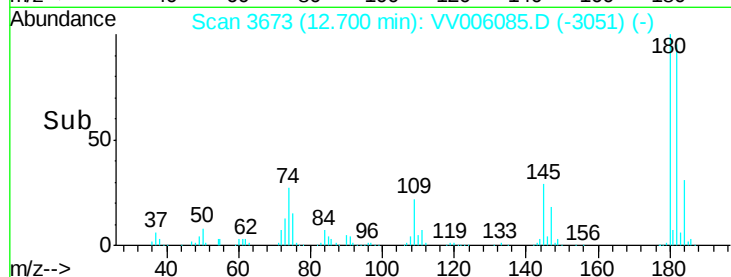


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

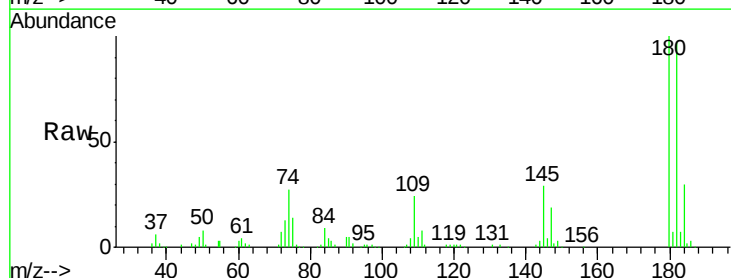
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.24 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006085.D
 Acq: 27 May 2018 14:19

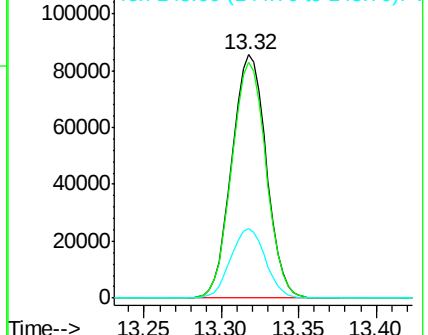
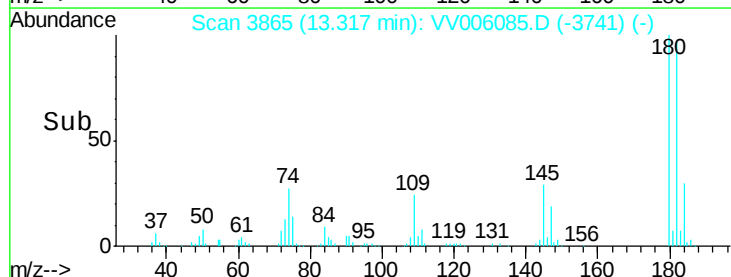
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	28.8	23.0	34.6

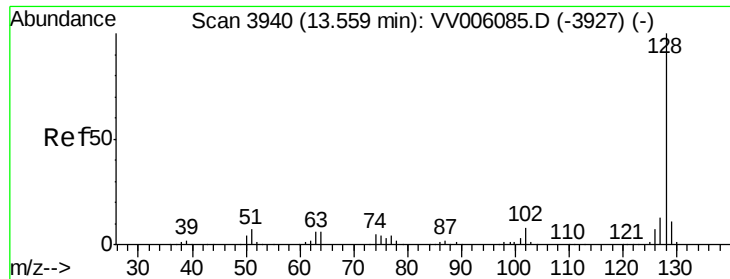


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

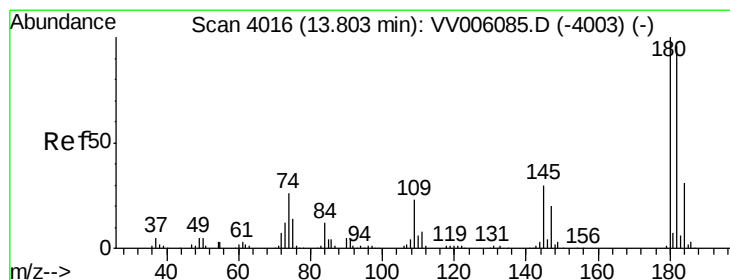
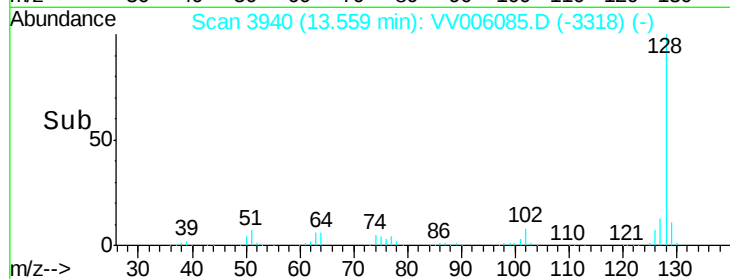
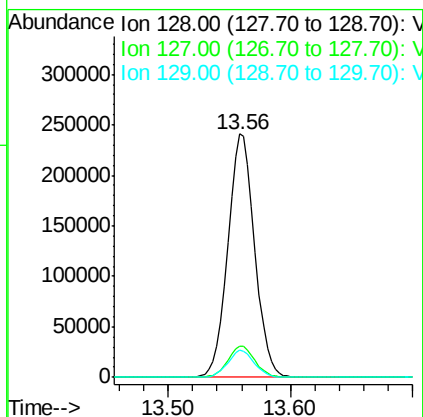
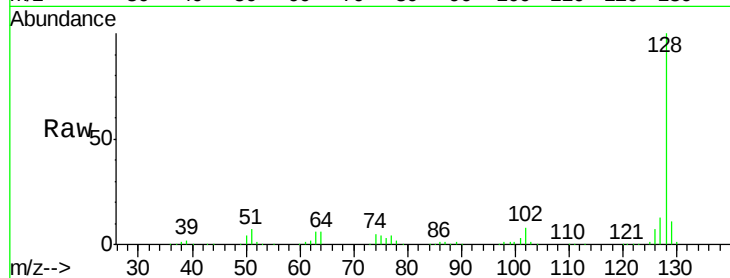
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 46.40 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion:128 Resp: 369783
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 50.18 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006085.D
Acq: 27 May 2018 14:19

Tgt Ion:180 Resp: 145300
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 30.0 24.0 36.0

