

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009251.D
 Acq On : 23 Jan 2019 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 24 03:55:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	76190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	128433	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	120237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	62967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.08	65	47627	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	4.64	113	42508	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	7.36	98	163886	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	10.12	95	61667	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	28650	46.489	ug/l	96
3) Chloromethane	1.25	50	40156	48.406	ug/l	99
4) Vinyl Chloride	1.33	62	43161	45.792	ug/l	99
5) Bromomethane	1.53	94	26256	49.120	ug/l	99
6) Chloroethane	1.60	64	25860	49.089	ug/l	93
7) Trichlorofluoromethane	1.76	101	22032	33.307	ug/l	99
8) Diethyl Ether	1.96	74	21689	52.134	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.14	101	40769	49.602	ug/l	99
10) Methyl Iodide	2.26	142	62936	47.975	ug/l	99
11) Tert butyl alcohol	2.65	59	18067	329.562	ug/l	95
12) 1,1-Dichloroethene	2.14	96	39432	48.864	ug/l	94
13) Acrolein	2.05	56	13198	275.610	ug/l	98
14) Allyl chloride	2.42	41	62662	45.055	ug/l	98
15) Acrylonitrile	2.76	53	56633	314.268	ug/l	99
16) Acetone	2.17	43	60428	239.704	ug/l	99
17) Carbon Disulfide	2.32	76	114700	46.465	ug/l	100
18) Methyl Acetate	2.45	43	35834	53.219	ug/l	100
19) Methyl tert-butyl Ether	2.80	73	65075	51.950	ug/l	97
20) Methylene Chloride	2.53	84	43506	52.390	ug/l	98
21) trans-1,2-Dichloroethene	2.78	96	41166	47.348	ug/l	94
22) Diisopropyl ether	3.33	45	143808	48.558	ug/l	89
23) Vinyl Acetate	3.30	43	457994	285.014	ug/l	99
24) 1,1-Dichloroethane	3.22	63	86283	46.828	ug/l	98
25) 2-Butanone	4.01	43	87618	303.939	ug/l	98
26) 2,2-Dichloropropane	3.95	77	46216	44.569	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	52117	49.599	ug/l	97
28) Bromochloromethane	4.29	49	34432	50.639	ug/l	98
29) Tetrahydrofuran	4.38	42	54292	346.272	ug/l	96
30) Chloroform	4.42	83	89368	48.293	ug/l	100
31) Cyclohexane	4.72	56	78738	46.810	ug/l	95
32) 1,1,1-Trichloroethane	4.65	97	73342	47.022	ug/l	99
36) 1,1-Dichloropropene	4.87	75	67802	47.549	ug/l	100
37) Ethyl Acetate	4.12	43	35187	64.208	ug/l	98
38) Carbon Tetrachloride	4.87	117	68263	47.818	ug/l	99

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

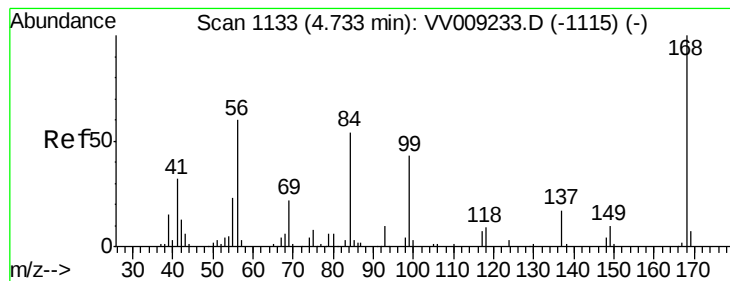
39) Methylcyclohexane	6.17	83	84471	50.024	ug/l	99
40) Benzene	5.14	78	194600	48.794	ug/l	99
41) Methacrylonitrile	4.31	41	20976	63.510	ug/l	98
42) 1,2-Dichloroethane	5.17	62	62368	49.966	ug/l	97
43) Isopropyl Acetate	5.32	43	69084	64.089	ug/l	98
44) Trichloroethene	5.96	130	51111	48.701	ug/l	96
45) 1,2-Dichloropropane	6.22	63	49055	51.135	ug/l	97
46) Dibromomethane	6.35	93	28074	57.032	ug/l	96
47) Bromodichloromethane	6.55	83	65655	50.474	ug/l	98
48) Methyl methacrylate	6.42	41	33803	61.454	ug/l	97
49) 1,4-Dioxane	6.41	88	8832	1408.519	ug/l	94
51) 4-Methyl-2-Pentanone	7.27	43	180187	329.376	ug/l	98
52) Toluene	7.43	92	124970	49.535	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	66090	52.203	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	74059	50.802	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	39524	56.987	ug/l	98
56) Ethyl methacrylate	7.83	69	49037	60.686	ug/l	99
57) 1,3-Dichloropropane	8.05	76	69792	55.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.93	63	1837	145.476	ug/l	99
59) 2-Hexanone	8.18	43	129721	327.847	ug/l	98
60) Dibromochloromethane	8.29	129	44919	55.315	ug/l	100
61) 1,2-Dibromoethane	8.40	107	39780	58.651	ug/l	99
64) Tetrachloroethene	8.02	164	43373	50.692	ug/l	98
65) Chlorobenzene	8.92	112	136961	48.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	47244	49.418	ug/l	99
67) Ethyl Benzene	9.05	91	239748	48.110	ug/l	99
68) m/p-Xylenes	9.18	106	182257	96.337	ug/l	98
69) o-Xylene	9.59	106	86019	49.042	ug/l	100
70) Styrene	9.60	104	143418	51.234	ug/l	98
71) Bromoform	9.77	173	27040	59.980	ug/l #	99
73) Isopropylbenzene	9.97	105	243435	46.818	ug/l	99
74) N-amyl acetate	9.84	43	59053	61.417	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	51355	58.585	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	40889	59.312	ug/l	96
77) Bromobenzene	10.26	156	55069	49.515	ug/l	96
78) n-propylbenzene	10.40	91	287131	46.581	ug/l	99
79) 2-Chlorotoluene	10.47	91	169387	45.543	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	204745	46.953	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	14451	59.321	ug/l	97
82) 4-Chlorotoluene	10.58	91	201859	46.080	ug/l	99
83) tert-Butylbenzene	10.91	119	198055	47.698	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	209607	47.649	ug/l	99
85) sec-Butylbenzene	11.13	105	257529	47.353	ug/l	100
86) p-Isopropyltoluene	11.29	119	227735	47.824	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	110452	47.830	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	113071	48.435	ug/l	99
89) n-Butylbenzene	11.70	91	220156	47.630	ug/l	99
90) Hexachloroethane	11.95	117	40062	47.310	ug/l	98
91) 1,2-Dichlorobenzene	11.69	146	100708	49.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9556	64.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	69697	53.113	ug/l	99
94) Hexachlorobutadiene	13.50	225	40963	50.366	ug/l	99
95) Naphthalene	13.55	128	140900	62.099	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	60686	54.613	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009251.D

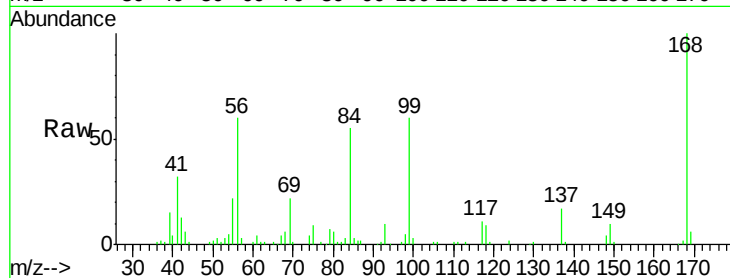
Acq: 23 Jan 2019 17:30

Tot Ion:168 Resp: 76190

Ion Ratio Lower Upper

168 100

99 59.5 50.9 76.3



Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

30000

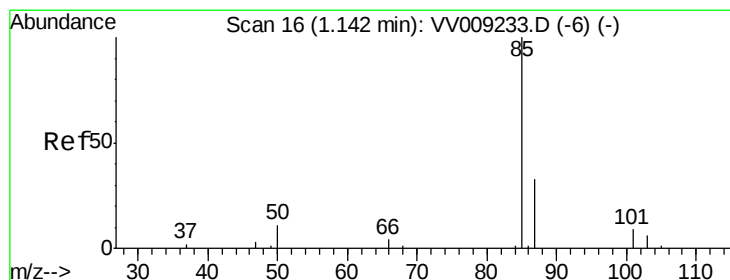
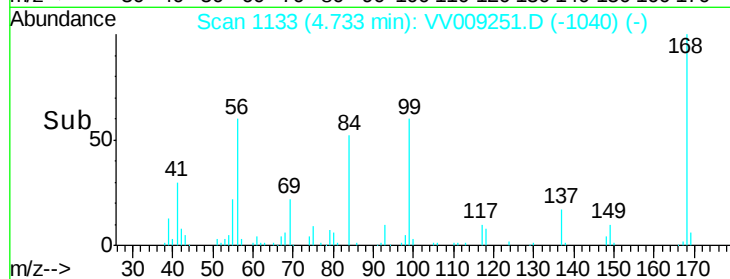
20000

10000

0

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.489 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009251.D

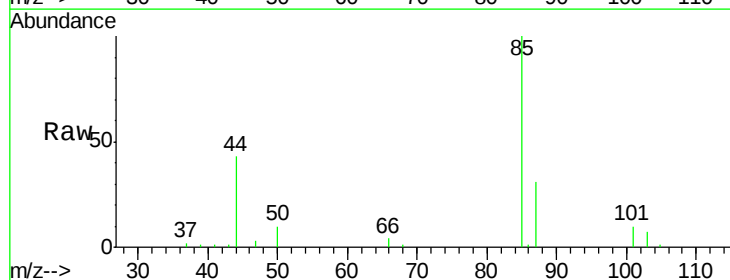
Acq: 23 Jan 2019 17:30

Tgt Ion: 85 Resp: 28650

Ion Ratio Lower Upper

85 100

87 30.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

12000

10000

8000

6000

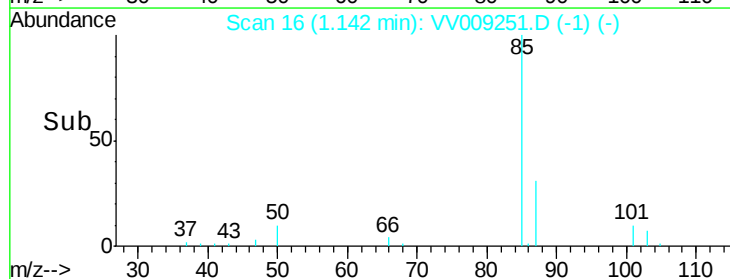
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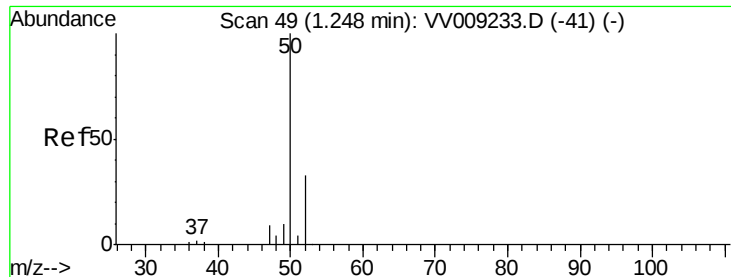
2000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.406 ug/l

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV009251.D

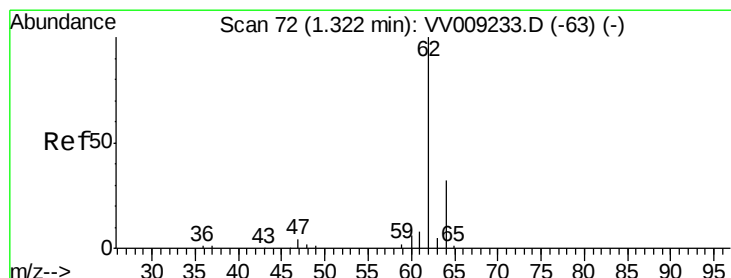
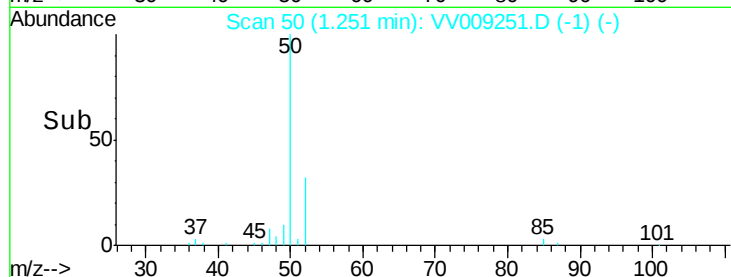
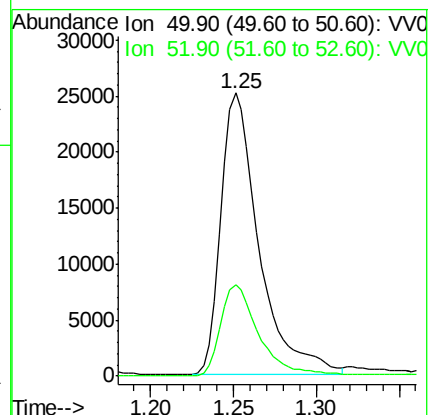
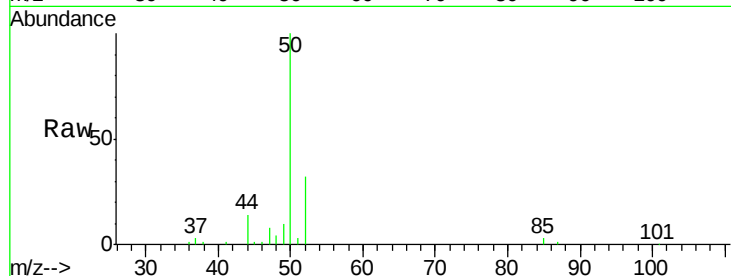
Acq: 23 Jan 2019 17:30

Tot Ion: 50 Resp: 40156

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



#4

Vinyl Chloride

Concen: 45.792 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009251.D

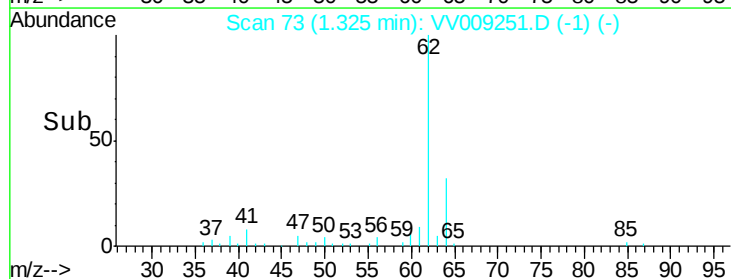
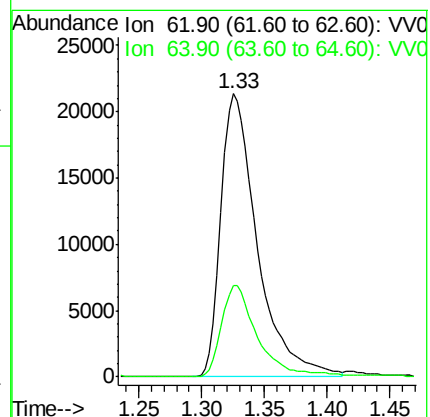
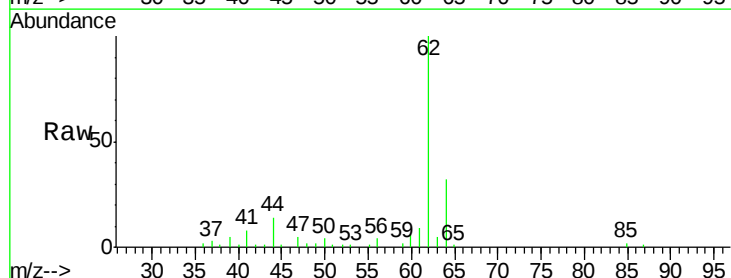
Acq: 23 Jan 2019 17:30

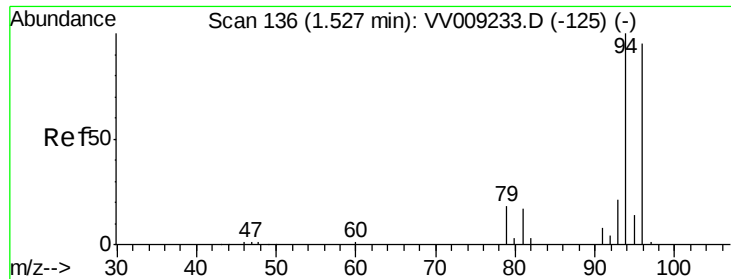
Tgt Ion: 62 Resp: 43161

Ion Ratio Lower Upper

62 100

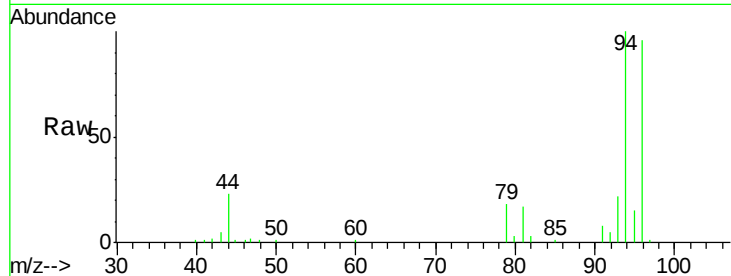
64 32.4 25.4 38.0



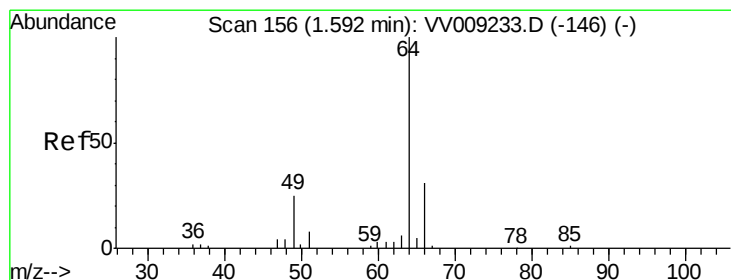
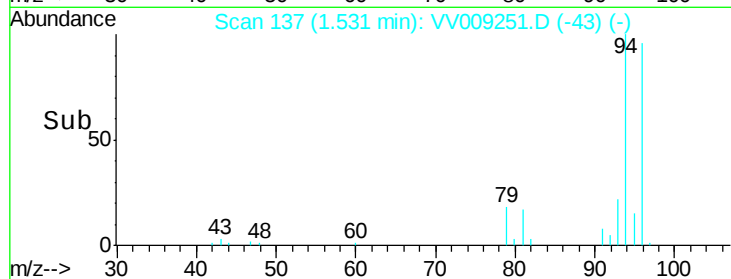
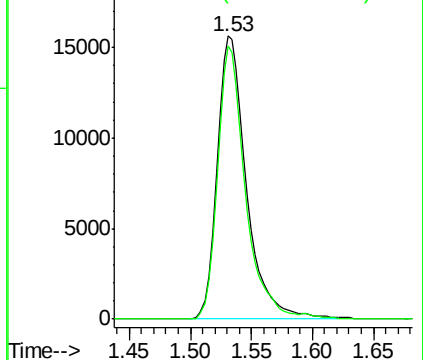


#5
Bromomethane
Concen: 49.120 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 94 Resp: 26256
Ion Ratio Lower Upper
94 100
96 96.4 76.3 114.5

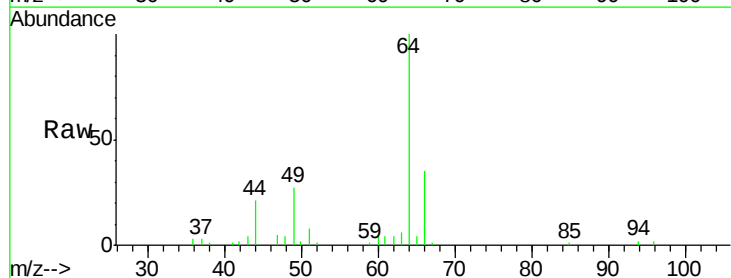


Abundance Ion 93.90 (93.60 to 94.60): VV0
Ion 95.90 (95.60 to 96.60): VV0

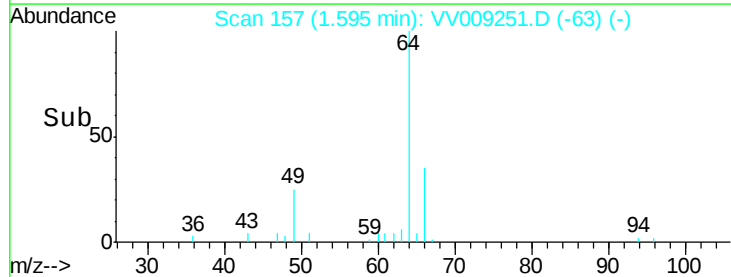
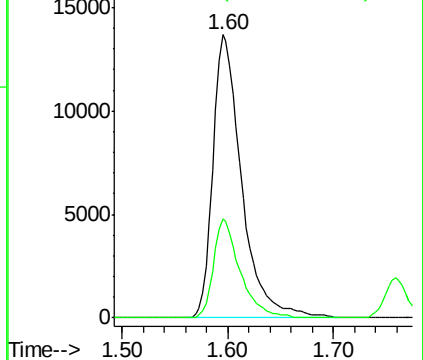


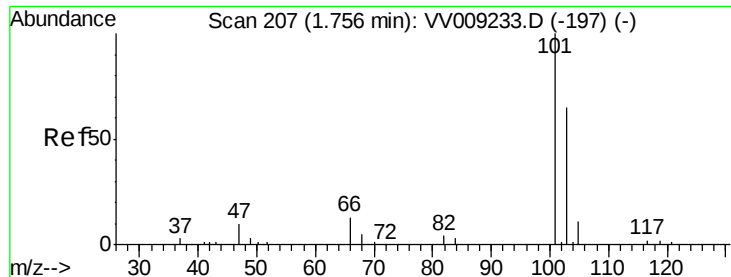
#6
Chloroethane
Concen: 49.089 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 64 Resp: 25860
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VV0
Ion 65.90 (65.60 to 66.60): VV0

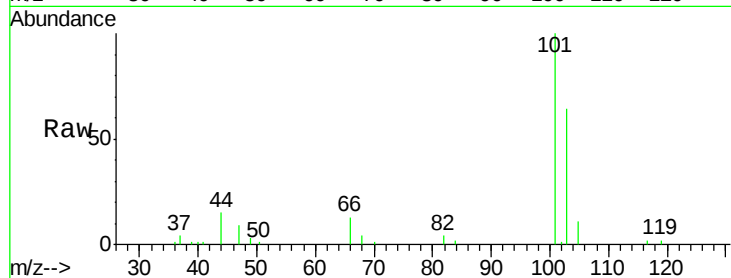




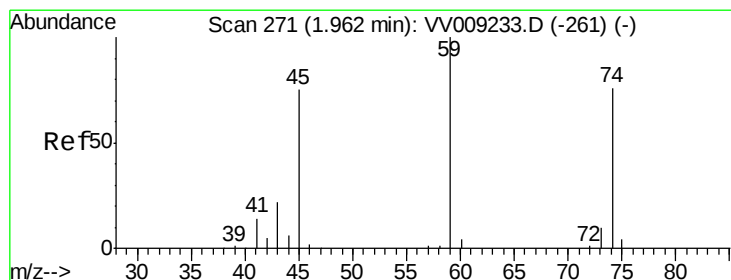
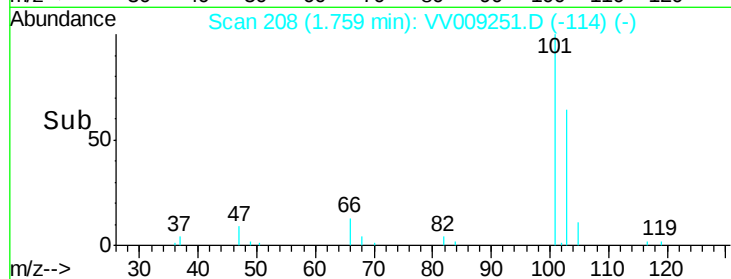
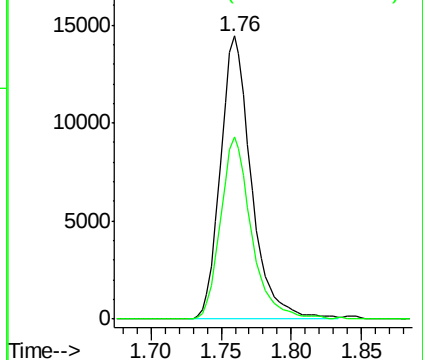
#7

Trichlorofluoromethane
Concen: 33.307 ug/l
RT: 1.76 min Scan# 208
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion:101 Resp: 22032
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4



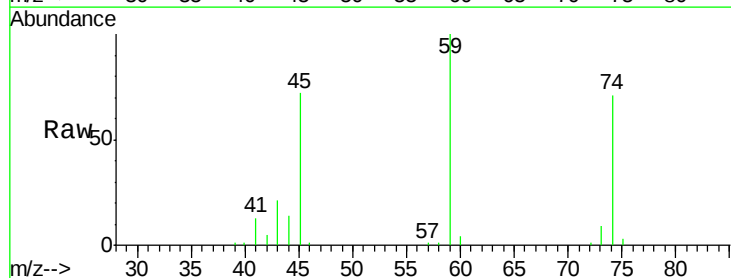
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



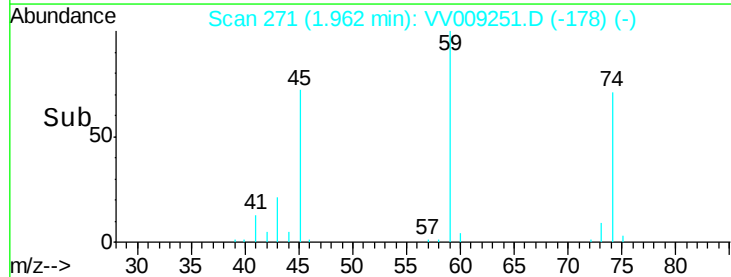
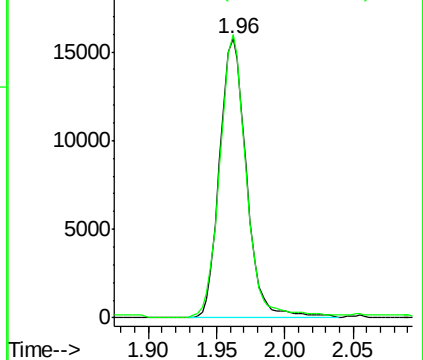
#8

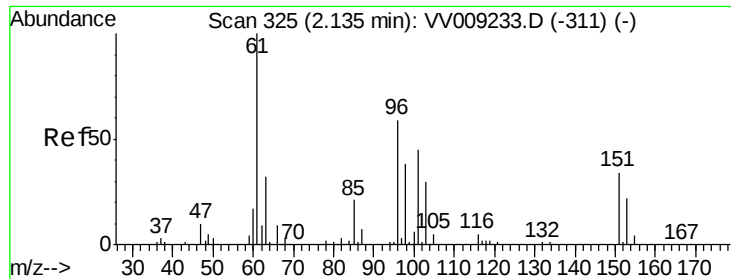
Diethyl Ether
Concen: 52.134 ug/l
RT: 1.96 min Scan# 271
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 74 Resp: 21689
Ion Ratio Lower Upper
74 100
45 100.6 49.1 147.3



Abundance Ion 74.00 (73.70 to 74.70): VV0
Ion 45.00 (44.70 to 45.70): VV0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.602 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

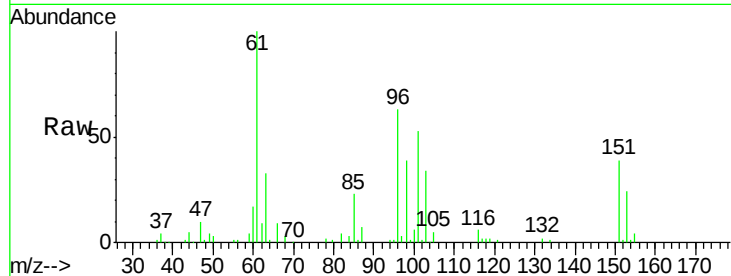
Tot Ion:101 Resp: 40769

Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.3	52.9
151	74.5	60.1	90.1

101 100

85 42.7 35.3 52.9

151 74.5 60.1 90.1



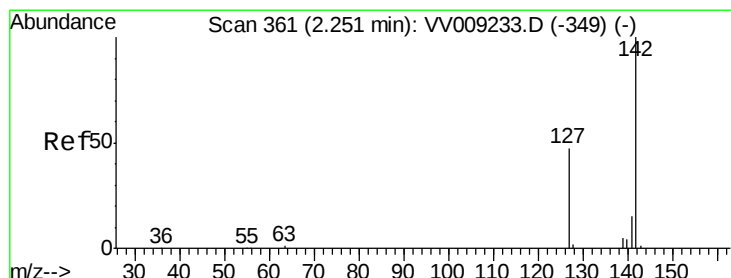
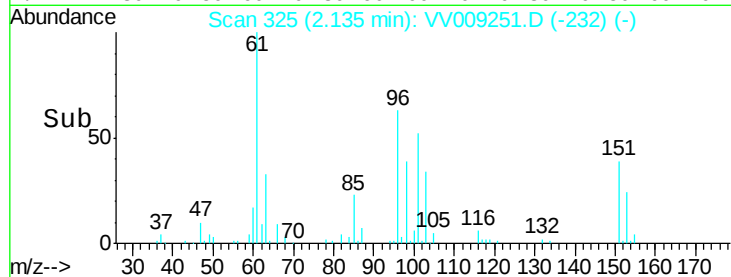
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V

2.14

Time-->



#10

Methyl Iodide

Concen: 47.975 ug/l

RT: 2.26 min Scan# 363

Delta R.T. 0.01 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

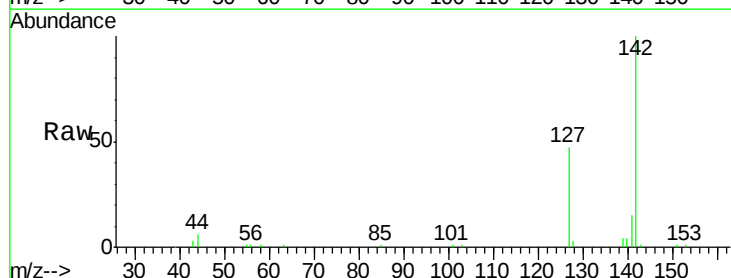
Tgt Ion:142 Resp: 62936

Ion	Ratio	Lower	Upper
142	100		
127	46.2	37.9	56.9
141	14.5	11.7	17.5

142 100

127 46.2 37.9 56.9

141 14.5 11.7 17.5



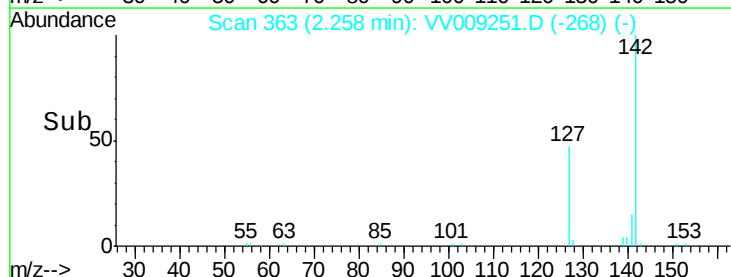
Abundance Ion 141.80 (141.50 to 142.50): V

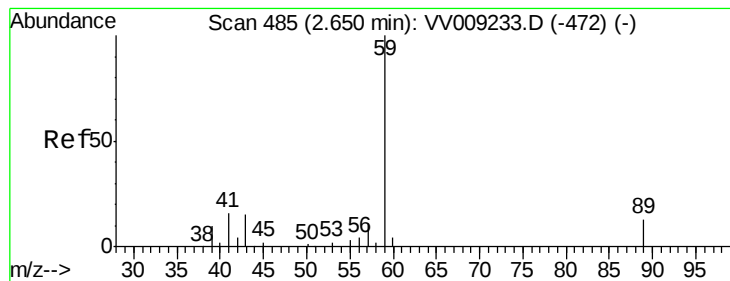
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.26

Time-->

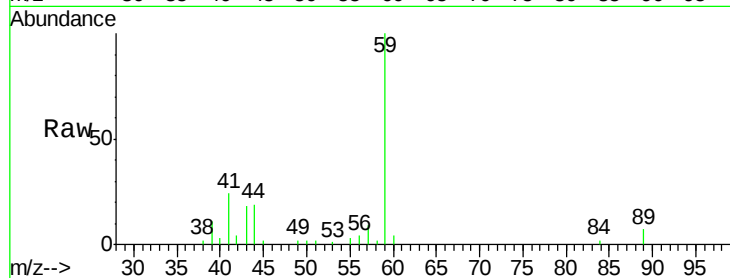




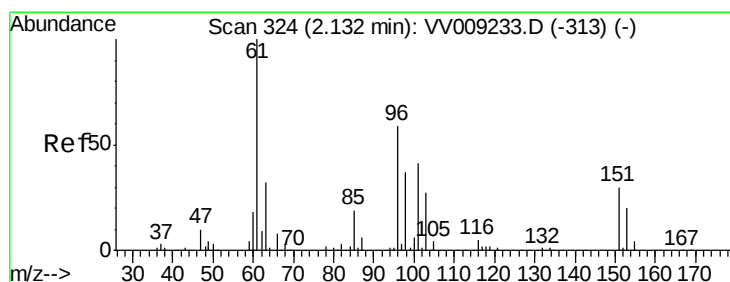
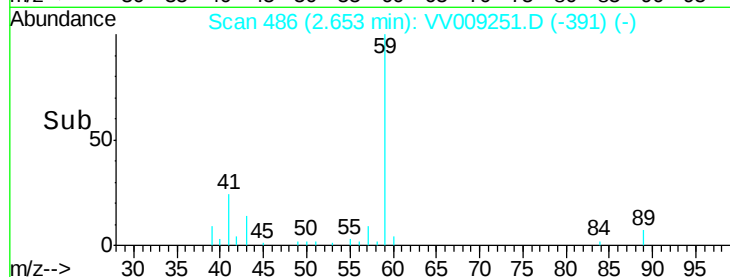
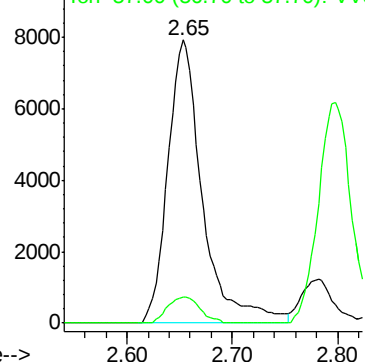
#11

Tert butyl alcohol
Concen: 329.562 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 59 Resp: 18067
Ion Ratio Lower Upper
59 100
57 8.7 8.4 12.6



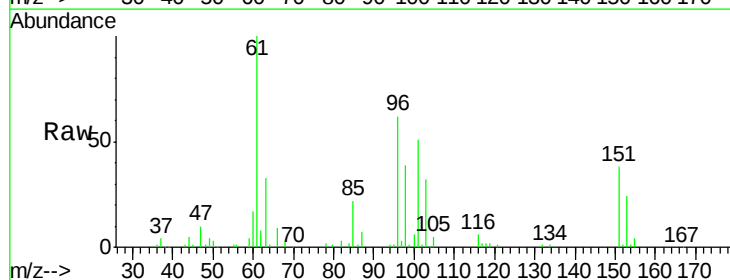
Abundance Ion 59.00 (58.70 to 59.70): VV0
Ion 57.00 (56.70 to 57.70): VV0



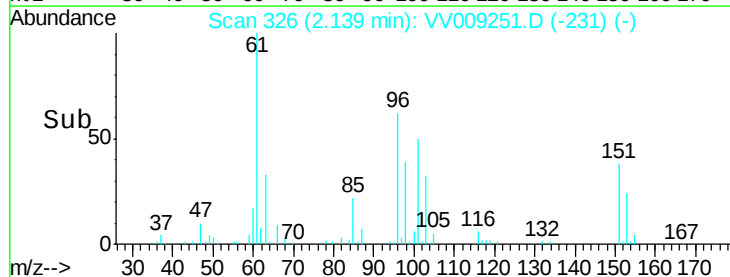
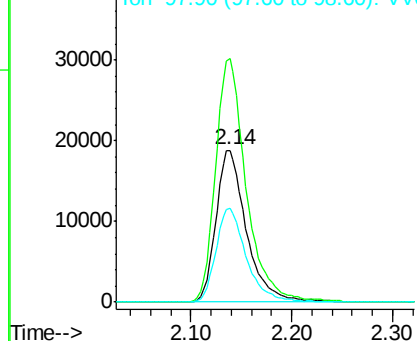
#12

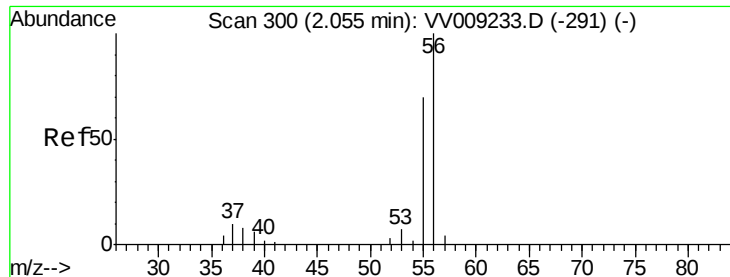
1,1-Dichloroethene
Concen: 48.864 ug/l
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 96 Resp: 39432
Ion Ratio Lower Upper
96 100
61 160.6 136.6 205.0
98 62.1 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0





#13

Acrolein

Concen: 275.610 ug/l

RT: 2.05 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009251.D

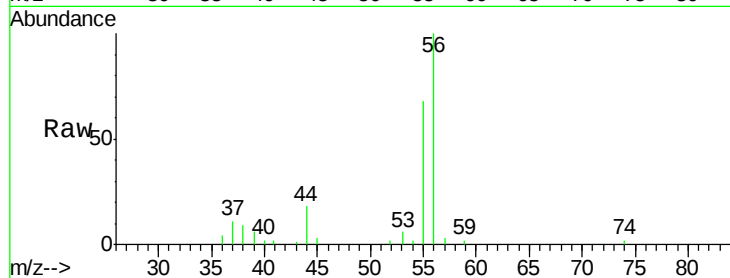
Acq: 23 Jan 2019 17:30

Tot Ion: 56 Resp: 13198

Ion Ratio Lower Upper

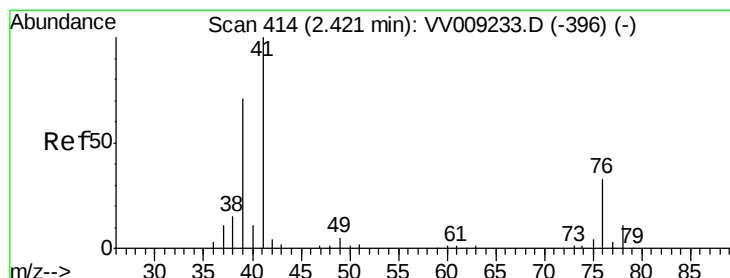
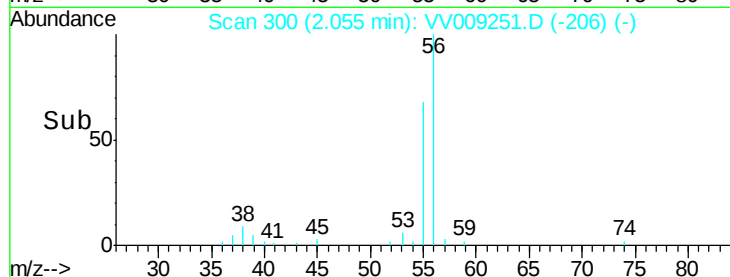
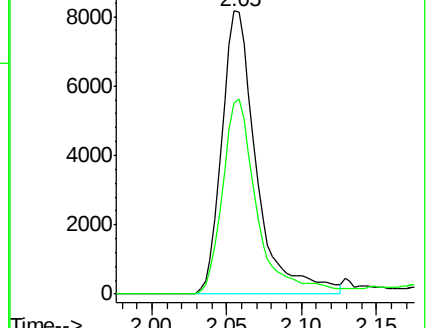
56 100

55 69.0 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009251.D (-206) (-)

Ion 55.00 (54.70 to 55.70): VV009251.D (-206) (-)



#14

Allyl chloride

Concen: 45.055 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

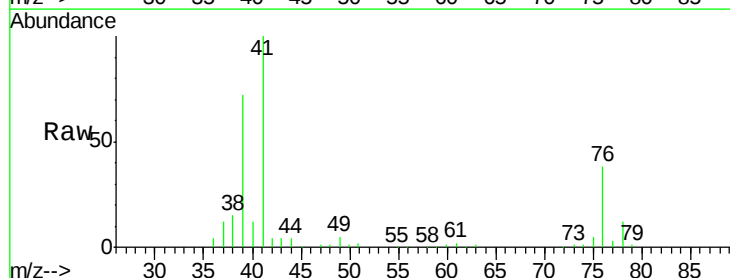
Tgt Ion: 41 Resp: 62662

Ion Ratio Lower Upper

41 100

39 68.8 55.1 82.7

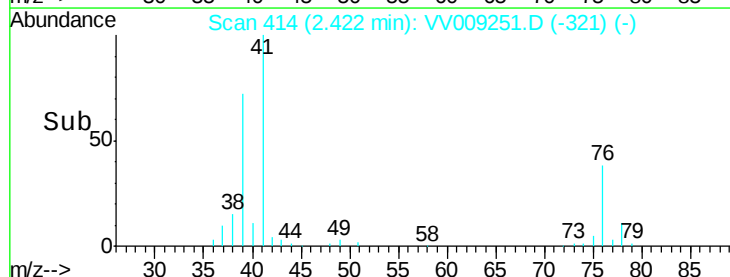
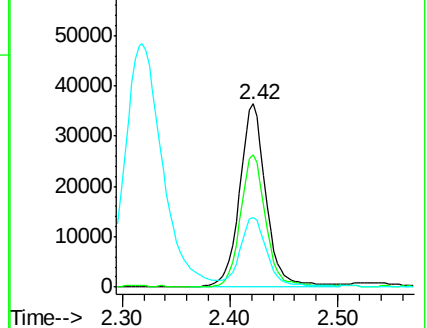
76 37.6 26.7 40.1

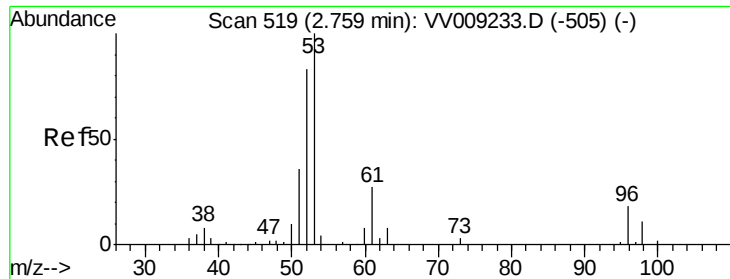


Abundance Ion 41.00 (40.70 to 41.70): VV009251.D (-321) (-)

Ion 39.00 (38.70 to 39.70): VV009251.D (-321) (-)

Ion 75.90 (75.60 to 76.60): VV009251.D (-321) (-)





#15

Acrylonitrile

Concen: 314.268 ug/l

RT: 2.76 min Scan# 519

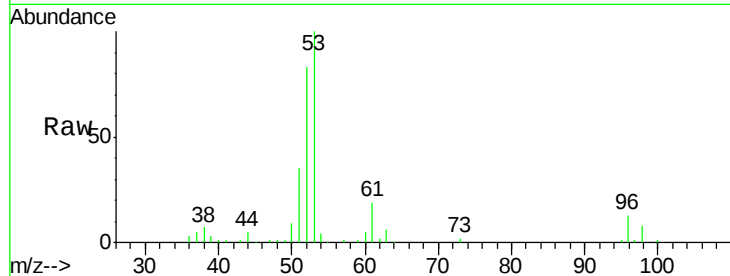
Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tot Ion: 53 Resp: 56633

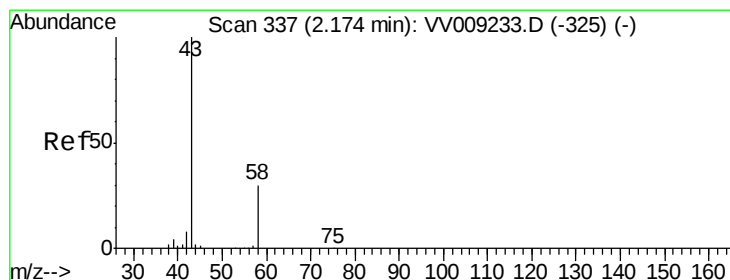
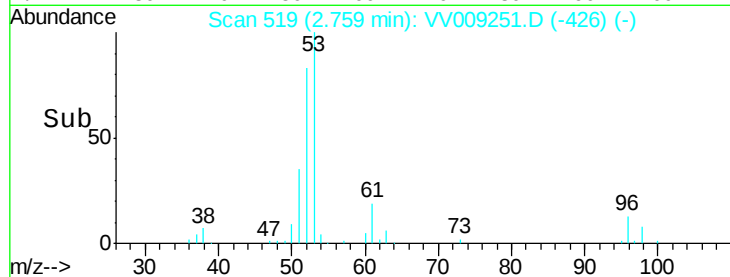
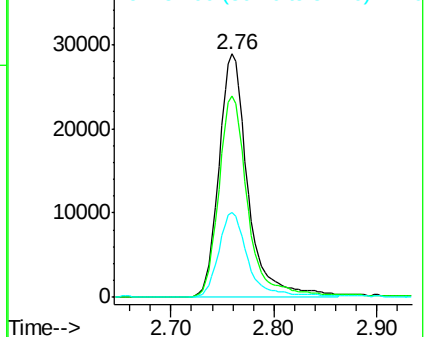
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.3	97.9
51	35.9	29.0	43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009233.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009233.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009233.D (-505) (-)



#16

Acetone

Concen: 239.704 ug/l

RT: 2.17 min Scan# 337

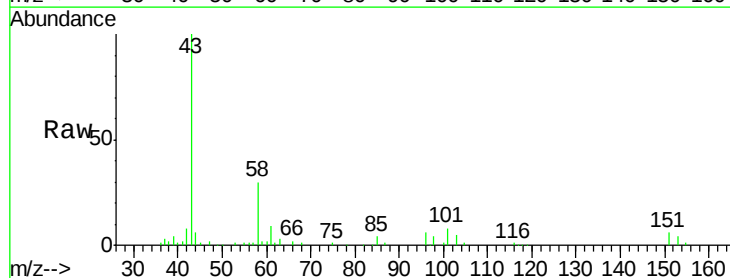
Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

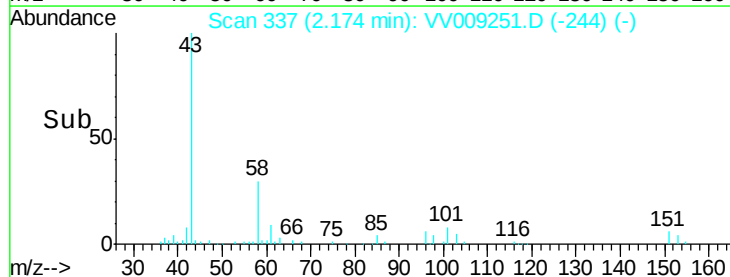
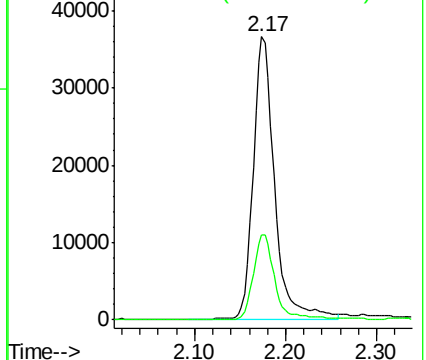
Tgt Ion: 43 Resp: 60428

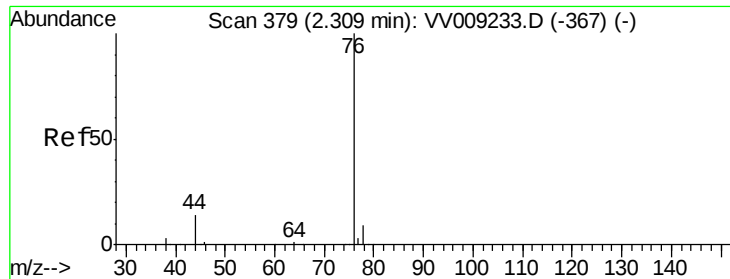
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.4	36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-325) (-)

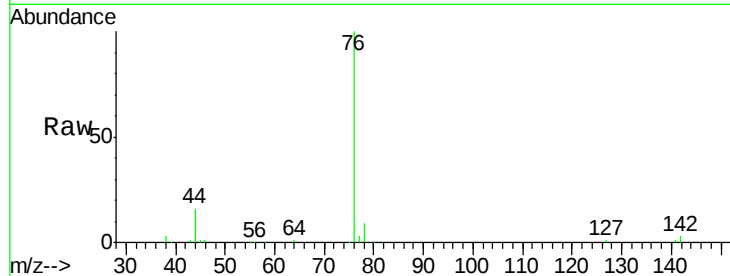
Ion 58.00 (57.70 to 58.70): VV009233.D (-325) (-)



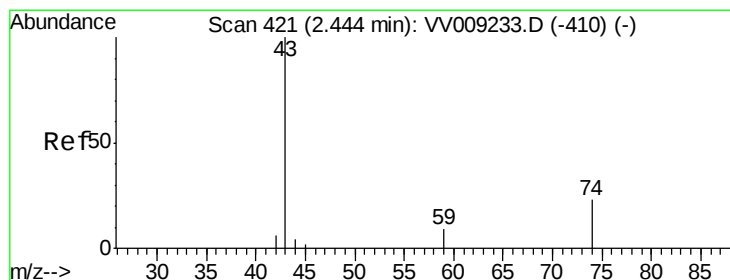
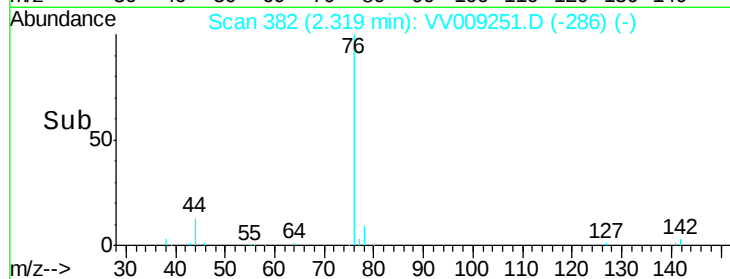
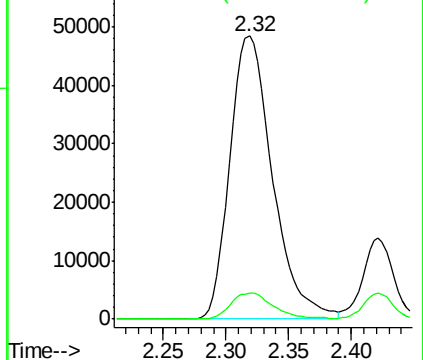


#17
Carbon Disulfide
Concen: 46.465 ug/l
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 76 Resp: 114700
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

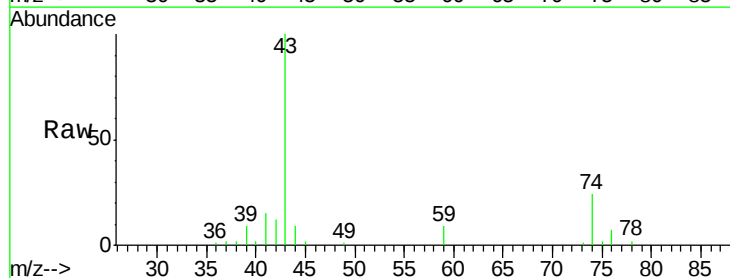


Abundance Ion 75.90 (75.60 to 76.60): VV0
Ion 77.90 (77.60 to 78.60): VV0

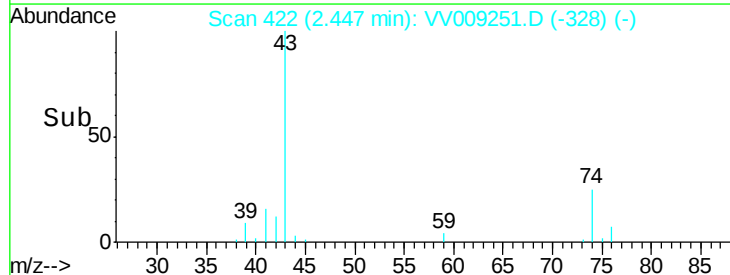
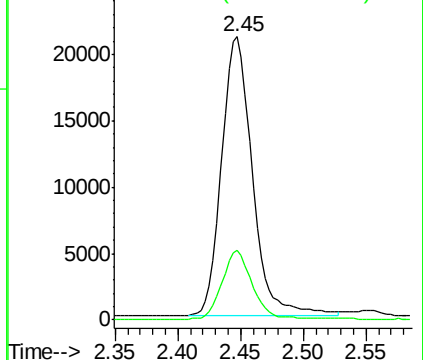


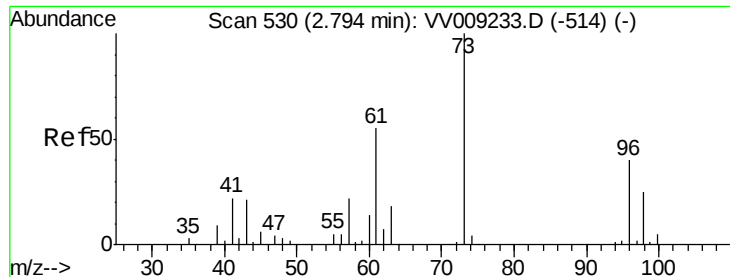
#18
Methyl Acetate
Concen: 53.219 ug/l
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 43 Resp: 35834
Ion Ratio Lower Upper
43 100
74 24.7 19.7 29.5



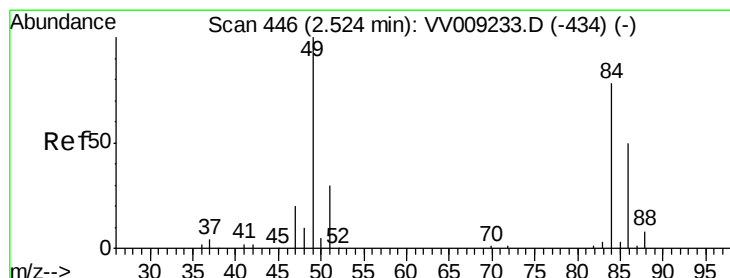
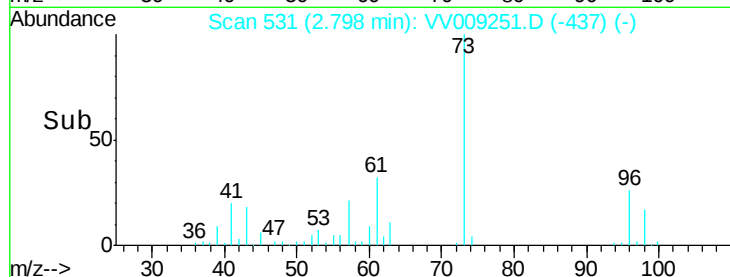
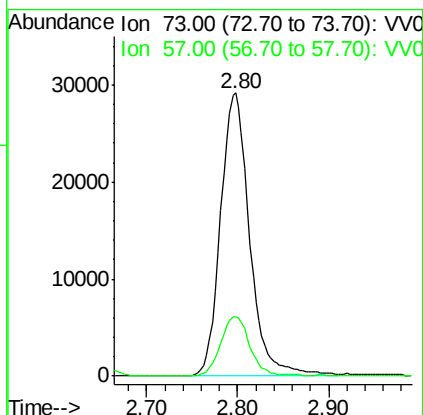
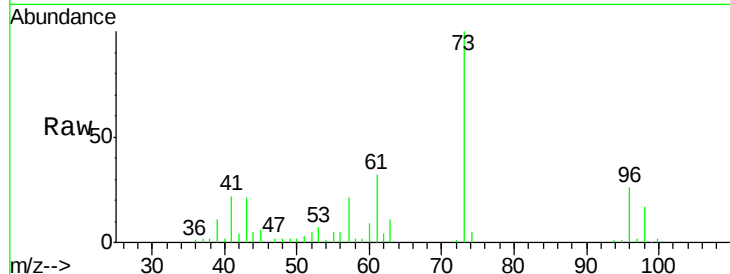
Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 74.00 (73.70 to 74.70): VV0





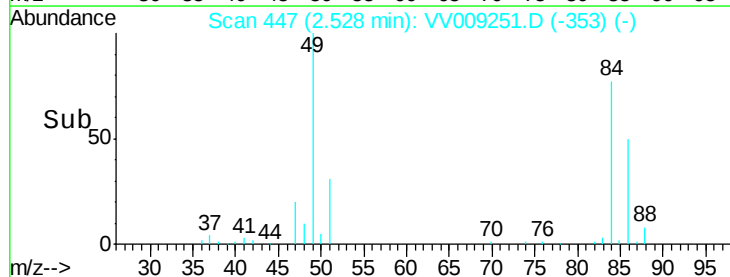
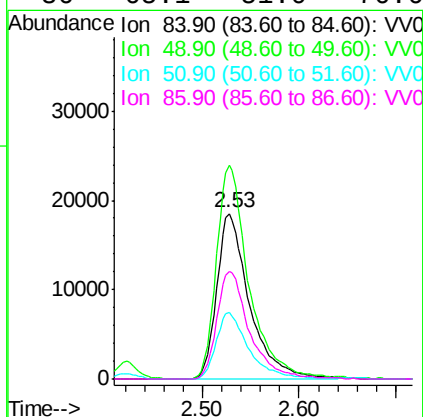
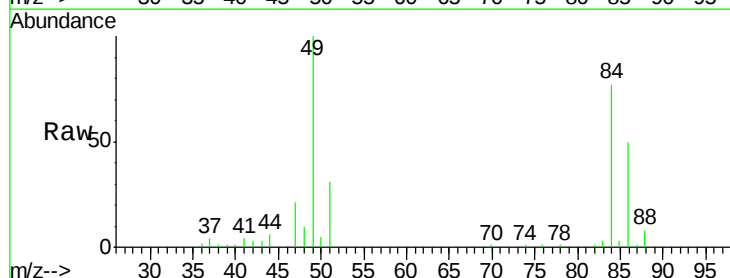
#19
Methvl tert-butvl Ether
Concen: 51.950 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

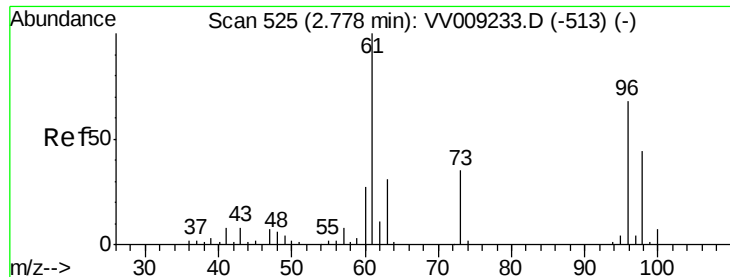
Tot Ion: 73 Resp: 65075
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 52.390 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 84 Resp: 43506
Ion Ratio Lower Upper
84 100
49 129.3 102.0 153.0
51 40.4 30.9 46.3
86 65.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.348 ug/l

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

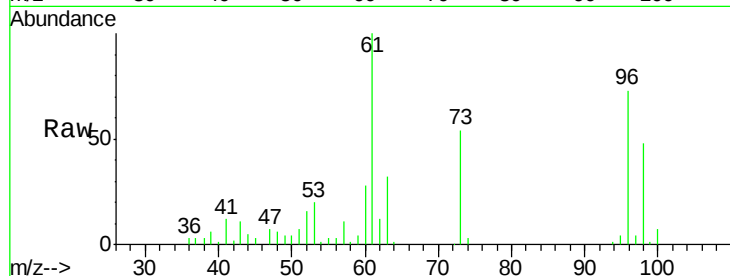
Tot Ion: 96 Resp: 41166

Ion Ratio Lower Upper

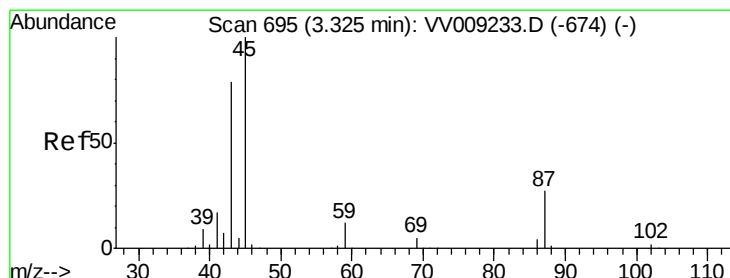
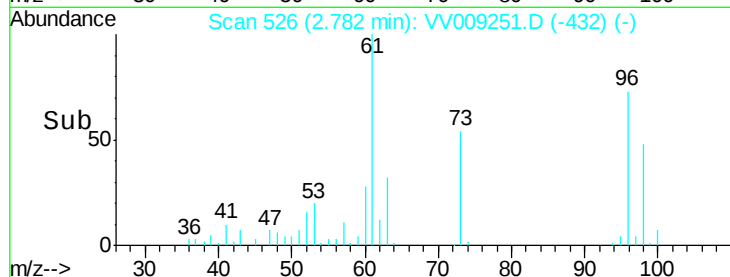
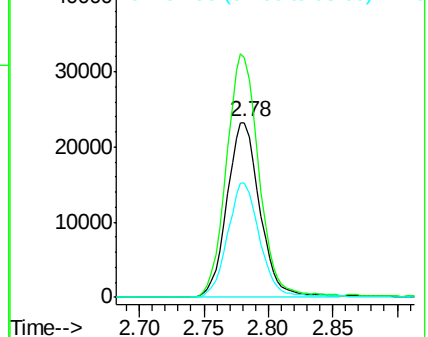
96 100

61 137.0 117.7 176.5

98 65.1 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



#22

Diisopropyl ether

Concen: 48.558 ug/l

RT: 3.33 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tgt Ion: 45 Resp: 143808

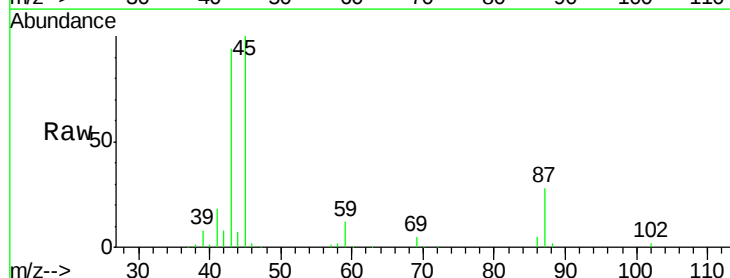
Ion Ratio Lower Upper

45 100

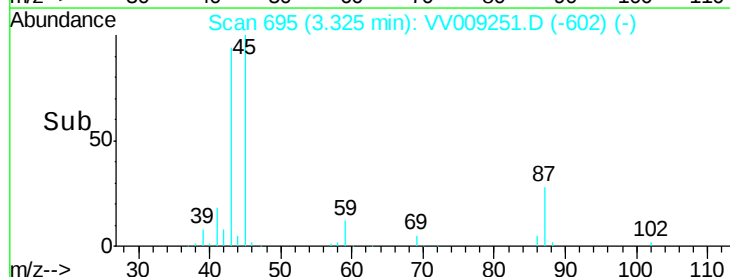
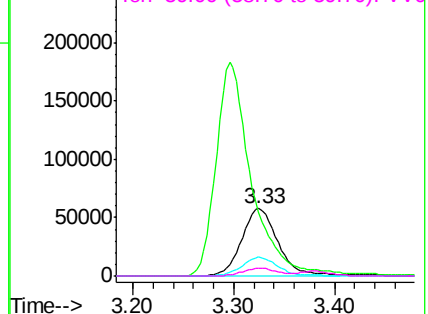
43 92.0 63.0 94.4

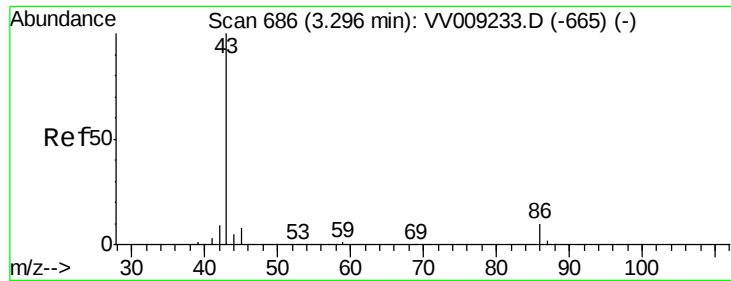
87 27.7 21.5 32.3

59 11.6 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 87.00 (86.70 to 87.70): VV0
Ion 59.00 (58.70 to 59.70): VV0





#23

Vinyl Acetate

Concen: 285.014 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009251.D

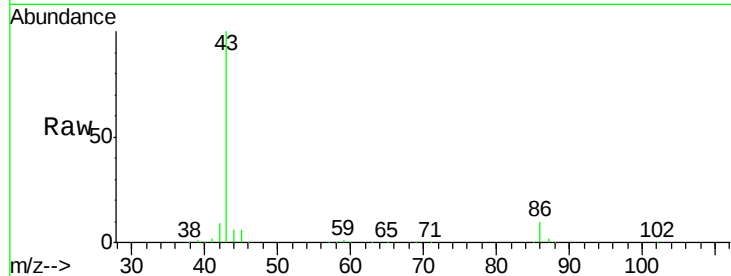
Acq: 23 Jan 2019 17:30

Tot Ion: 43 Resp: 457994

Ion Ratio Lower Upper

43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009251.D (-593) (-)

Ion 86.00 (85.70 to 86.70): VV009251.D (-593) (-)

3.30

200000

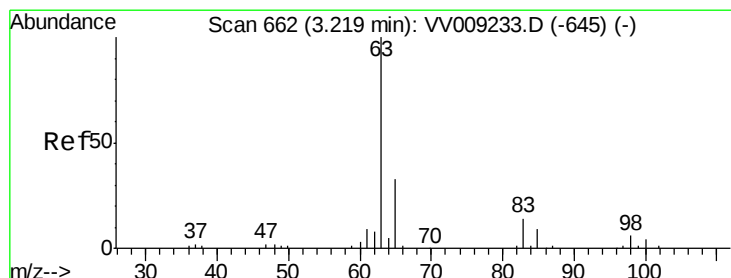
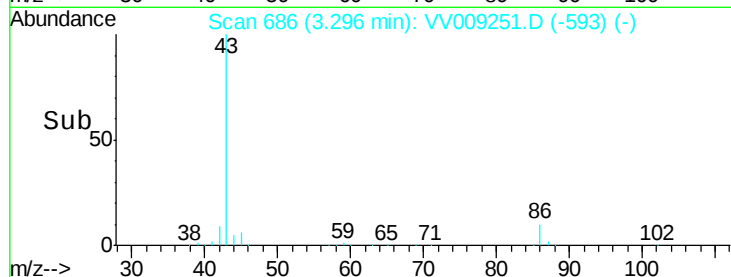
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.828 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

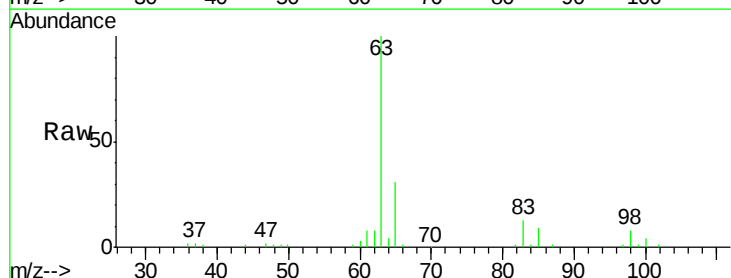
Tgt Ion: 63 Resp: 86283

Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV009251.D (-569) (-)

Ion 97.90 (97.60 to 98.60): VV009251.D (-569) (-)

Ion 99.90 (99.60 to 100.60): VV009251.D (-569) (-)

3.22

50000

40000

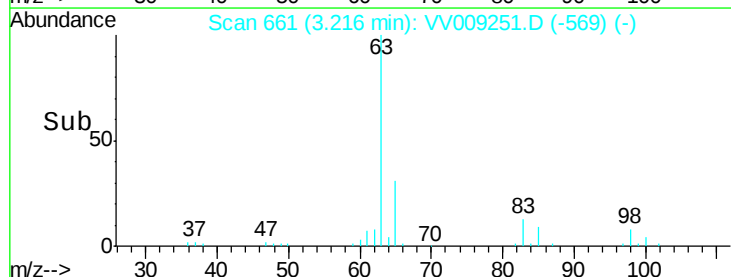
30000

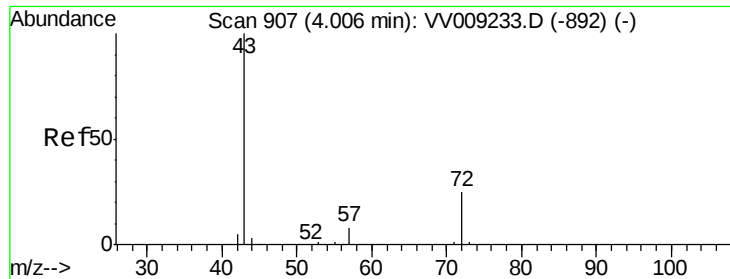
20000

10000

0

Time-->





#25

2-Butanone

Concen: 303.939 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.01 min

Lab File: VV009251.D

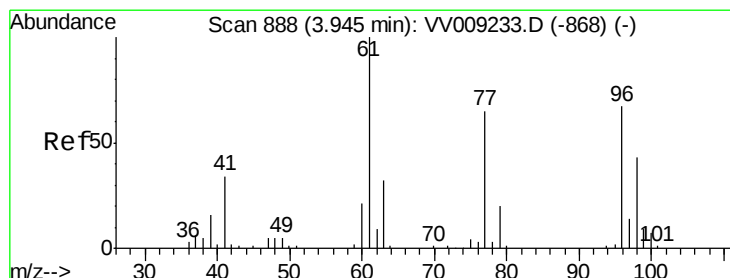
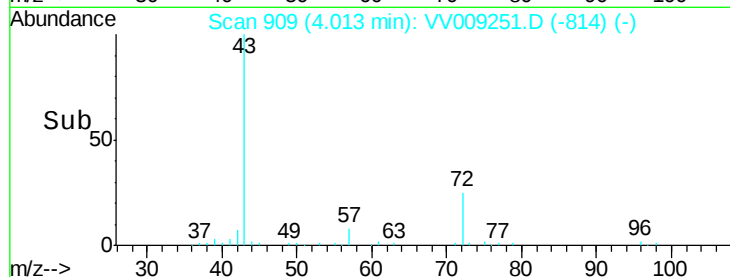
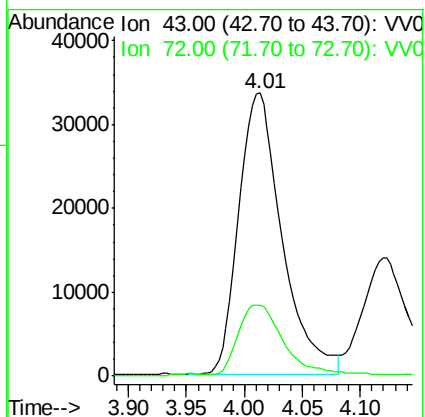
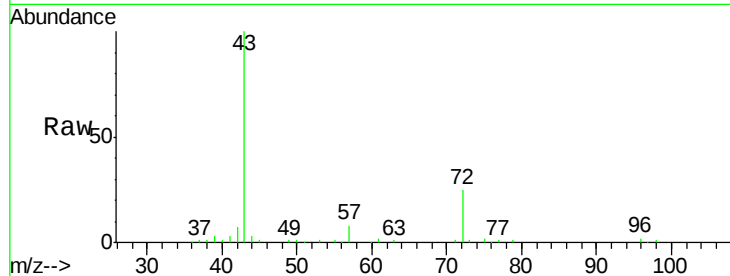
Acq: 23 Jan 2019 17:30

Tot Ion: 43 Resp: 87618

Ion Ratio Lower Upper

43 100

72 24.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 44.569 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009251.D

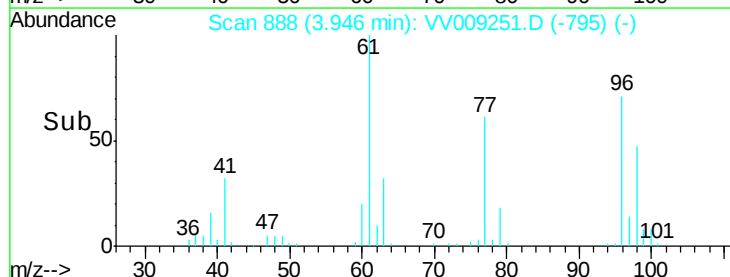
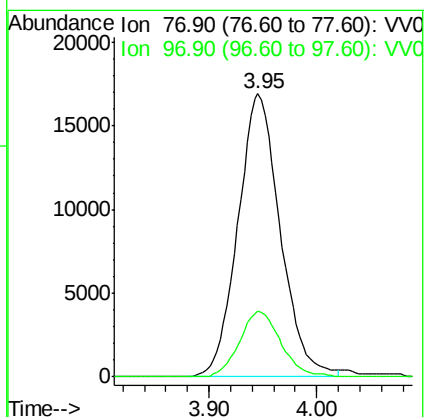
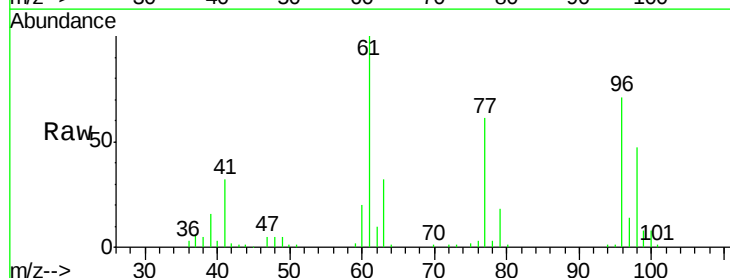
Acq: 23 Jan 2019 17:30

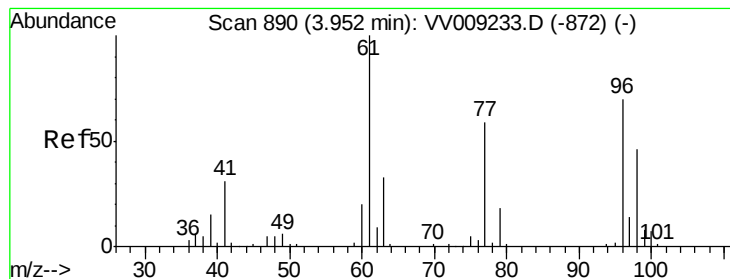
Tgt Ion: 77 Resp: 46216

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.599 ug/l

RT: 3.95 min Scan# 890

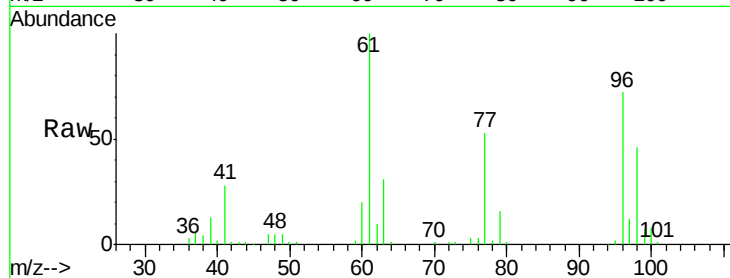
Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tot Ion: 96 Resp: 52117

Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	296.4
98	64.8	0.0	130.0

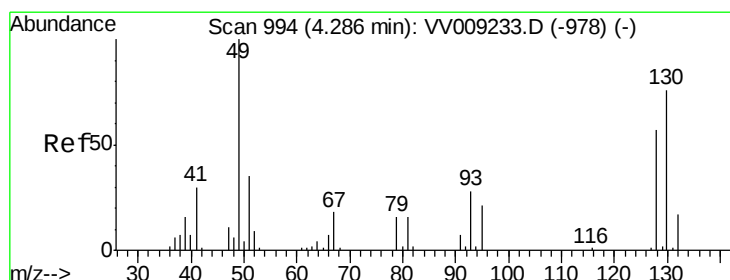
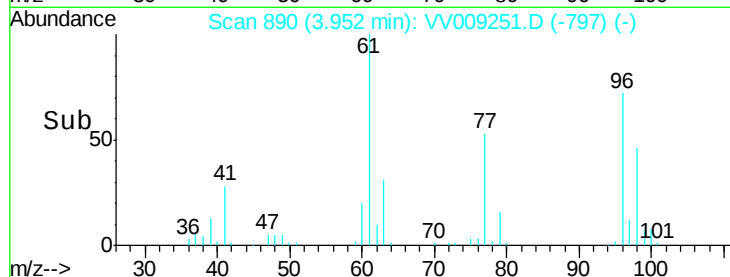
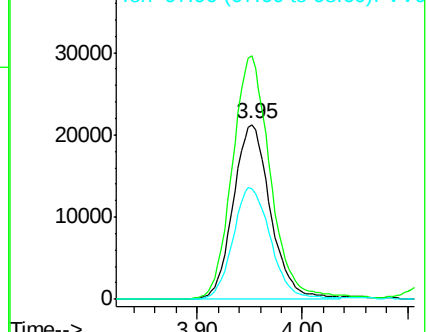


Abundance

Ion 95.90 (95.60 to 96.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

Ion 97.90 (97.60 to 98.60): VV0



#28

Bromochloromethane

Concen: 50.639 ug/l

RT: 4.29 min Scan# 994

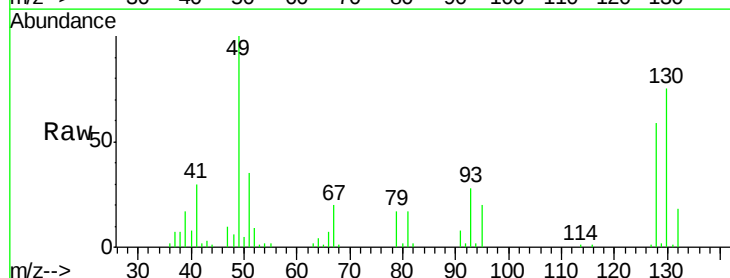
Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tgt Ion: 49 Resp: 34432

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	76.7	60.2	90.4

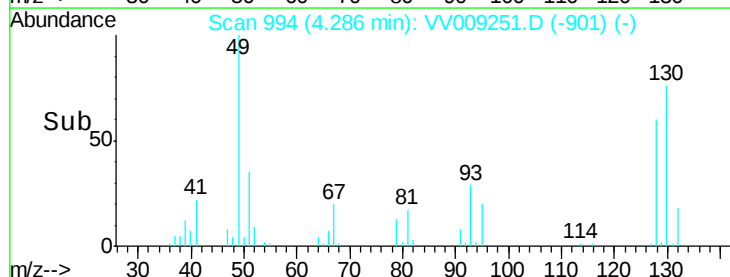
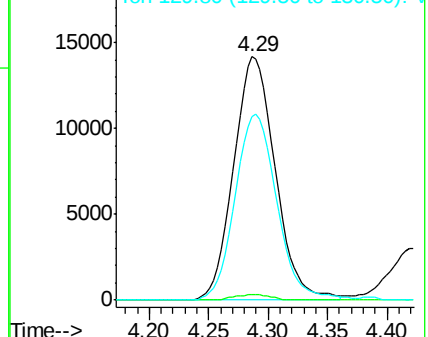


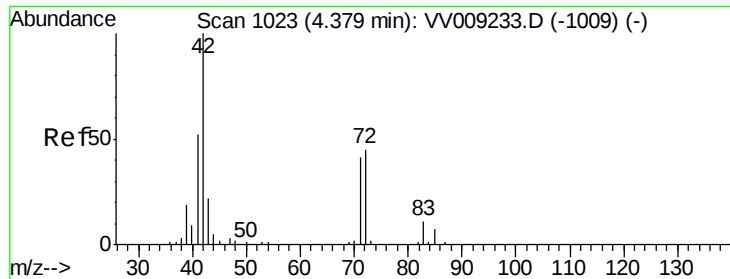
Abundance

Ion 48.90 (48.60 to 49.60): VV0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 346.272 ug/l

RT: 4.38 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

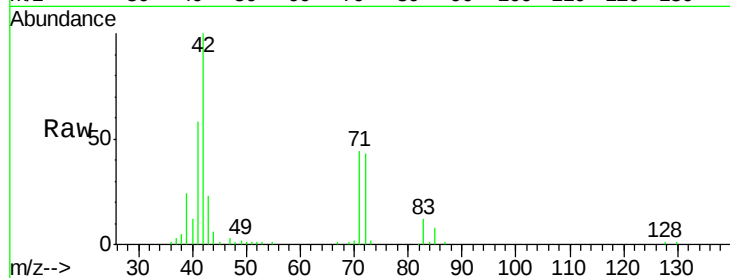
Tot Ion: 42 Resp: 54292

Ion Ratio Lower Upper

42 100

72 45.6 37.7 56.5

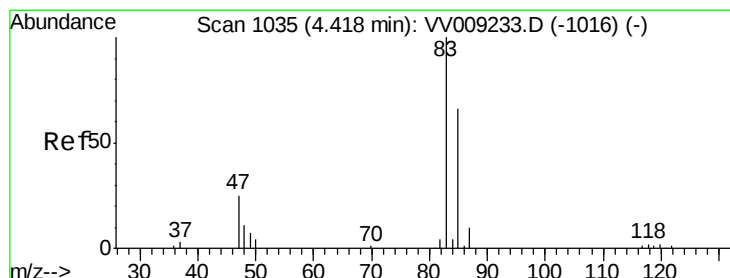
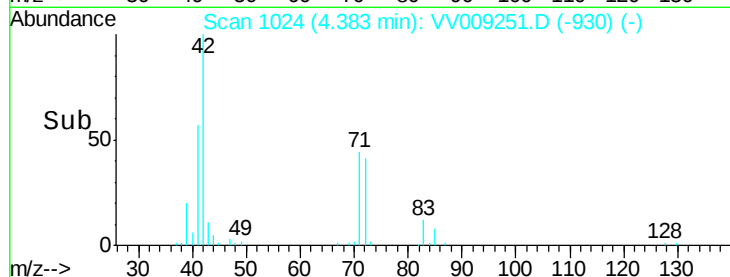
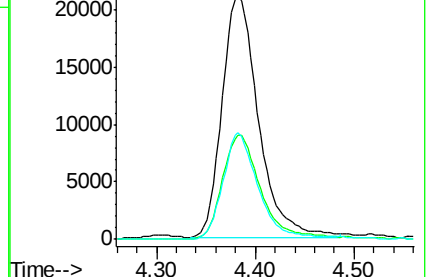
71 42.4 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VV009233.D (-1009) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-1009) (-)

Ion 71.00 (70.70 to 71.70): VV009233.D (-1009) (-)



#30

Chloroform

Concen: 48.293 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009251.D

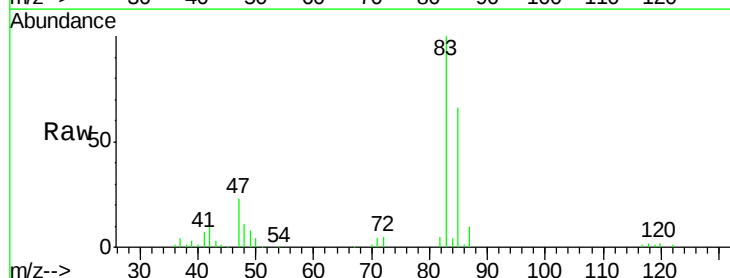
Acq: 23 Jan 2019 17:30

Tgt Ion: 83 Resp: 89368

Ion Ratio Lower Upper

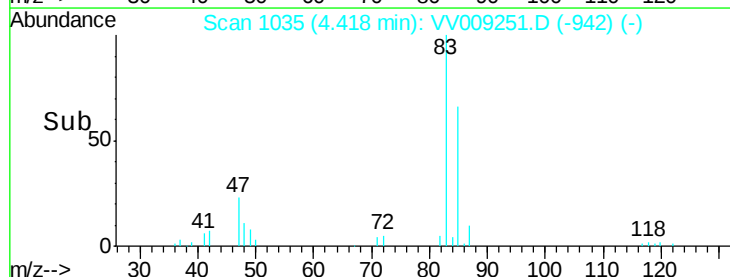
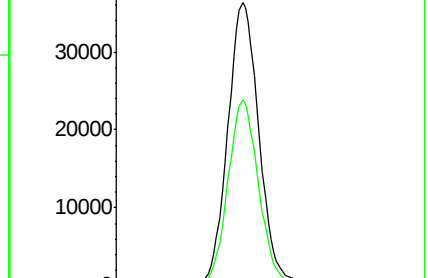
83 100

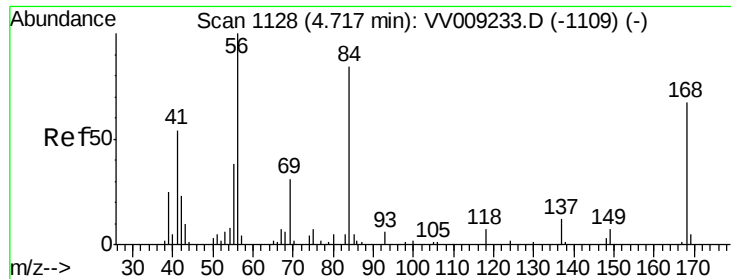
85 65.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1016) (-)

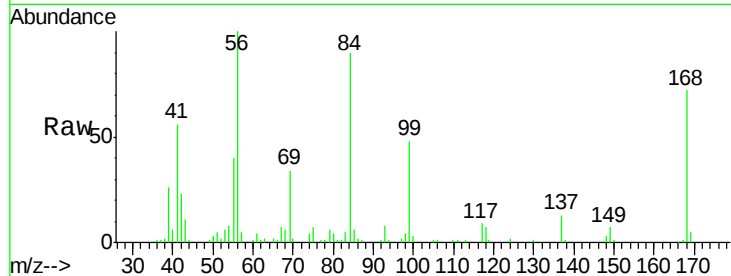
Ion 84.90 (84.60 to 85.60): VV009233.D (-1016) (-)



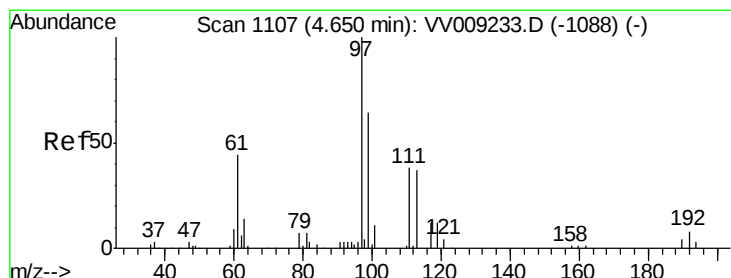
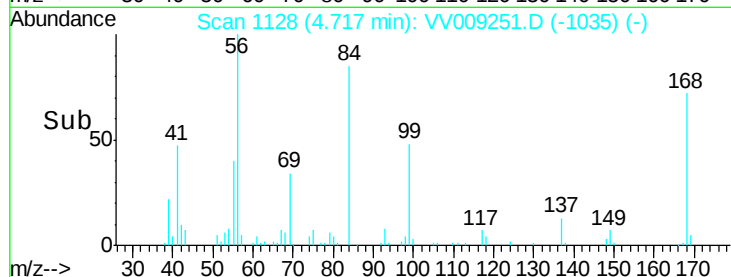
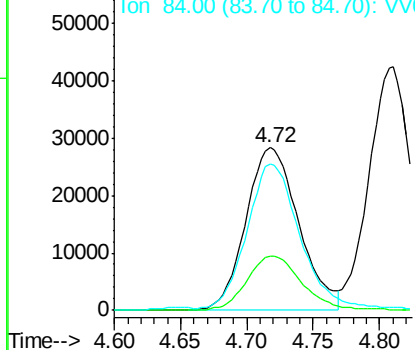


#31
Cyclohexane
Concen: 46.810 ug/l
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 56 Resp: 78738
Ion Ratio Lower Upper
56 100
69 33.5 25.1 37.7
84 88.8 67.3 100.9

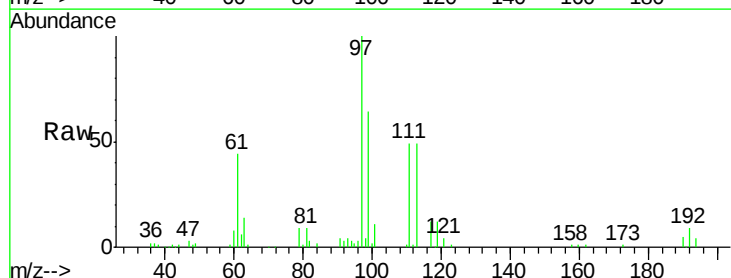


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

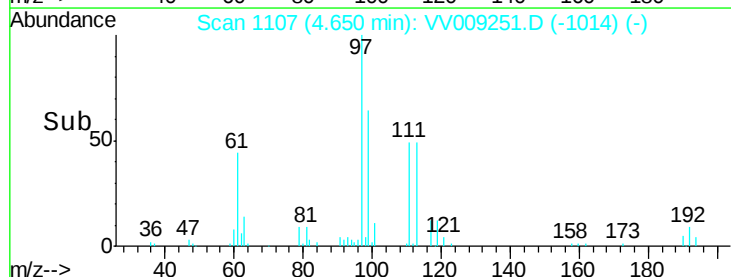
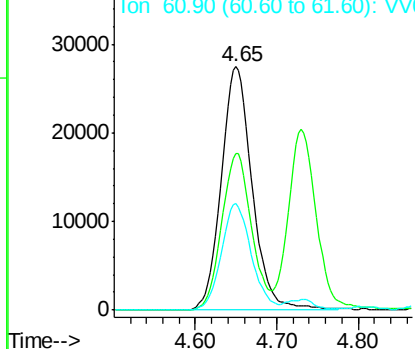


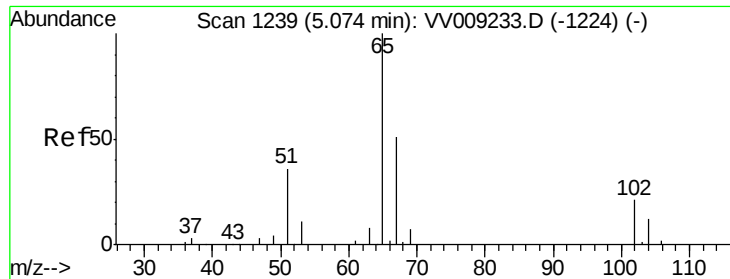
#32
1,1,1-Trichloroethane
Concen: 47.022 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 97 Resp: 73342
Ion Ratio Lower Upper
97 100
99 61.6 50.2 75.2
61 42.5 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0





#33

1,2-Dichloroethane-d4

Concen: 51.259 ug/l

RT: 5.08 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV009251.D

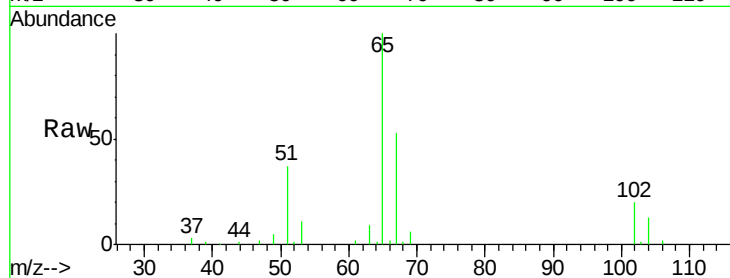
Acq: 23 Jan 2019 17:30

Tot Ion: 65 Resp: 47627

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VV009233.D (-1224) (-)

Ion 66.90 (66.60 to 67.60): VV009233.D (-1224) (-)

5.08

25000

20000

15000

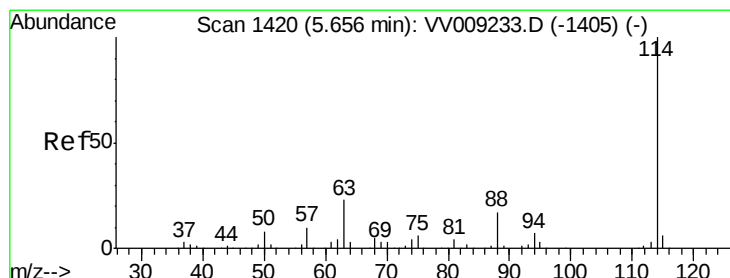
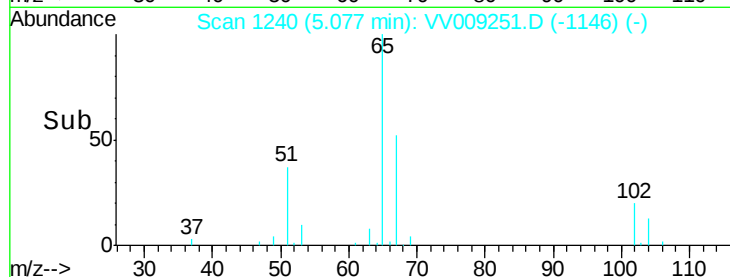
10000

5000

0

Time-->

5.00 5.05 5.10 5.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

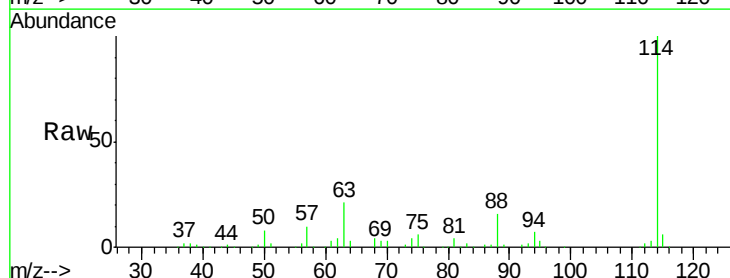
Tgt Ion: 114 Resp: 128433

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.2

88 16.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VV009233.D (-1405) (-)

Ion 63.00 (62.70 to 63.70): VV009233.D (-1405) (-)

Ion 87.90 (87.60 to 88.60): VV009233.D (-1405) (-)

5.66

80000

60000

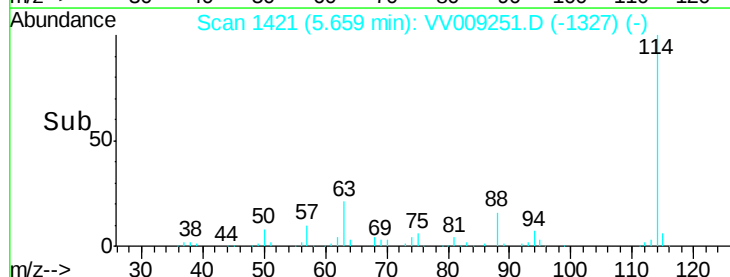
40000

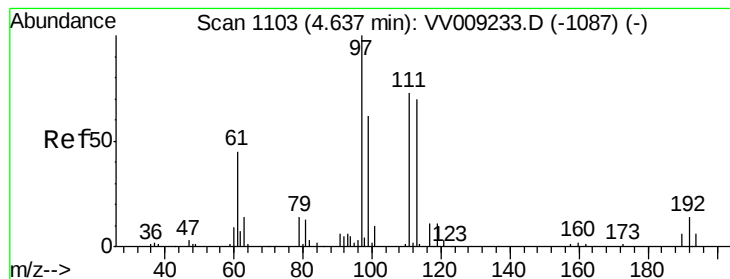
20000

0

Time-->

5.60 5.70 5.80





#35

Dibromofluoromethane

Concen: 50.863 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

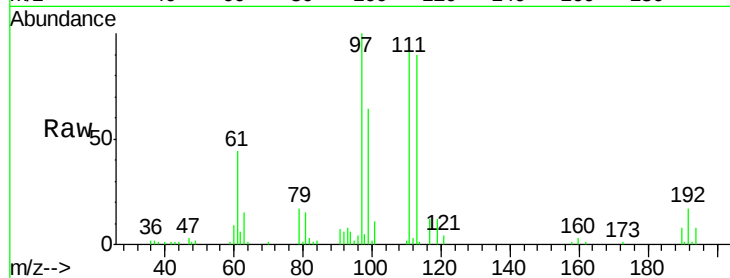
Tot Ion: 113 Resp: 42508

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

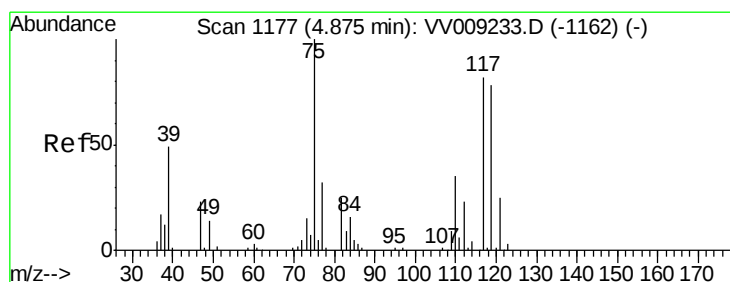
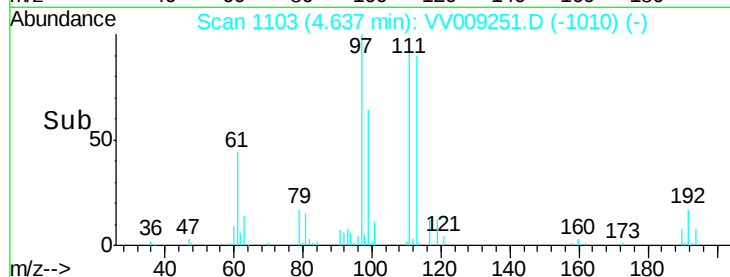
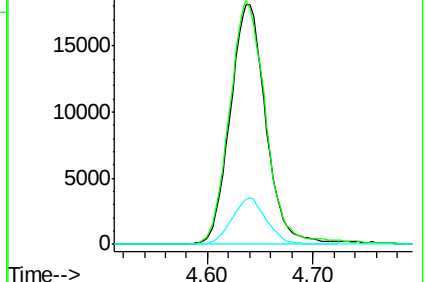
192 18.5 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.549 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

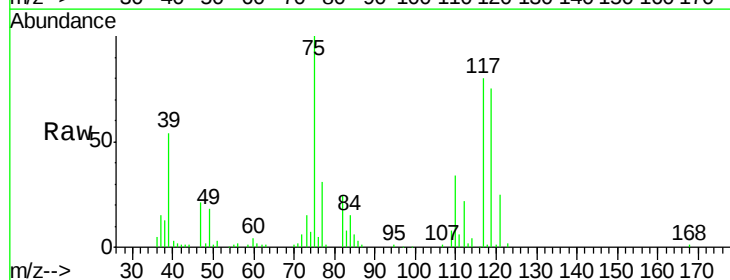
Tgt Ion: 75 Resp: 67802

Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.5

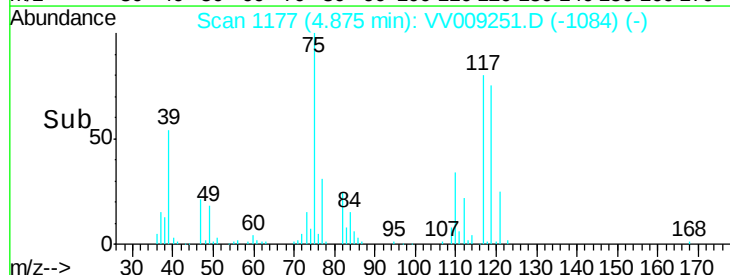
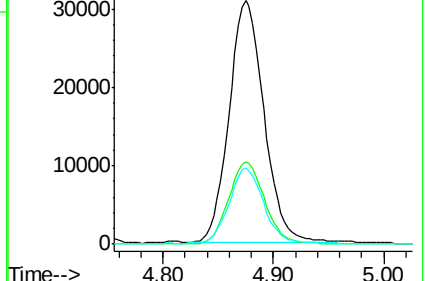
77 31.7 25.5 38.3

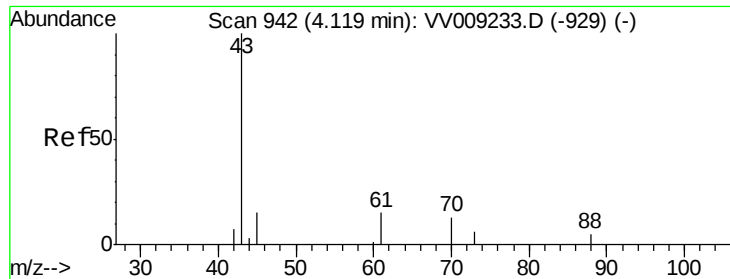


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

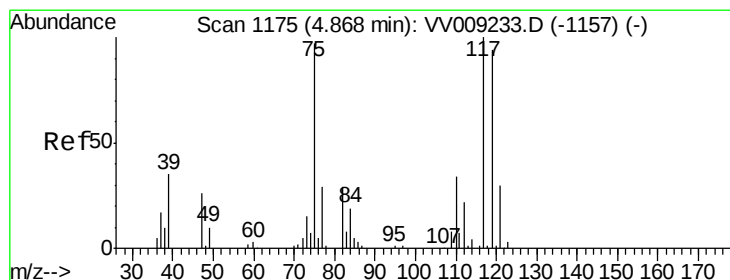
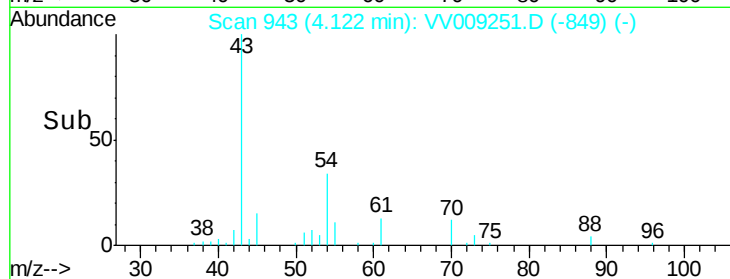
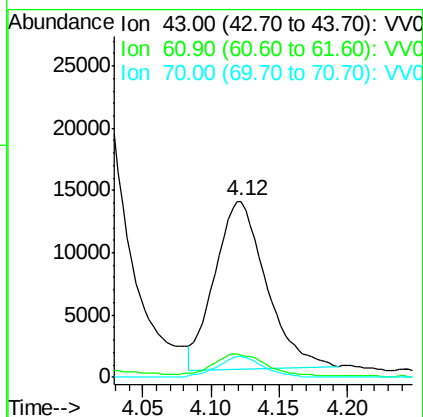
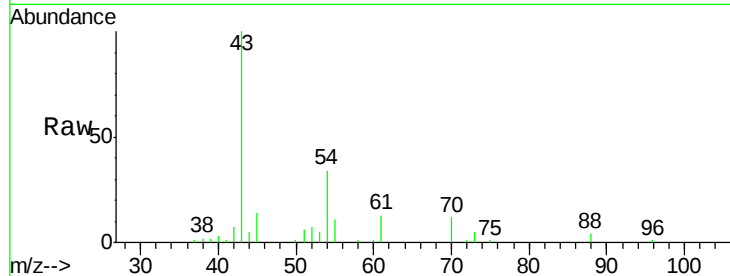
Ion 76.90 (76.60 to 77.60): VV0





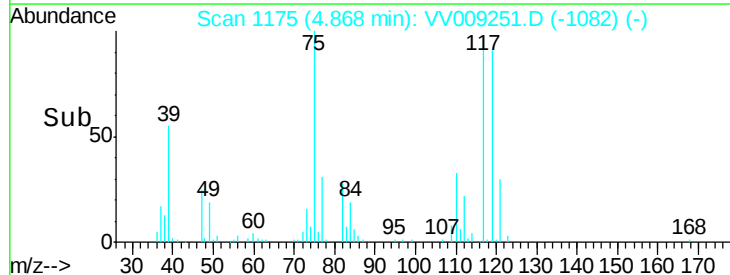
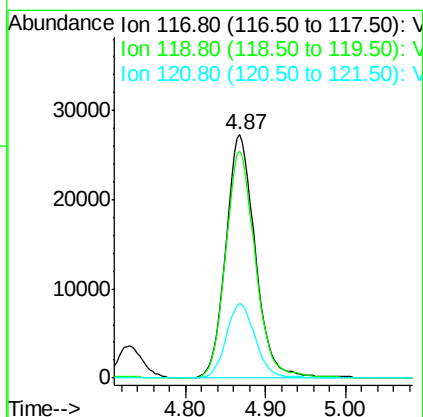
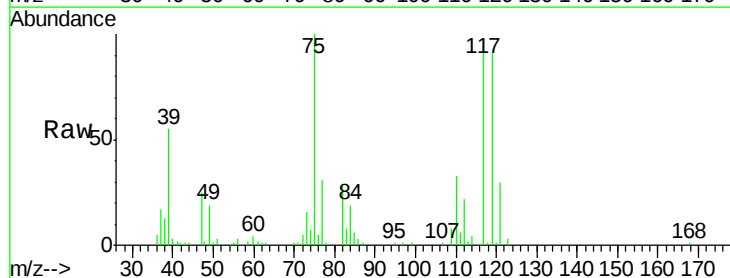
#37
Ethyl Acetate
Concen: 64.208 ug/l
RT: 4.12 min Scan# 943
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

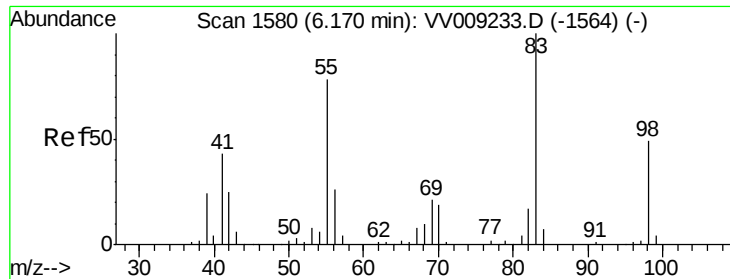
Tot Ion: 43 Resp: 35187
Ion Ratio Lower Upper
43 100
61 14.1 12.0 18.0
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.818 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 117 Resp: 68263
Ion Ratio Lower Upper
117 100
119 93.3 75.4 113.2
121 30.6 24.2 36.2





#39

Methvlcvclohexane

Concen: 50.024 ug/l

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

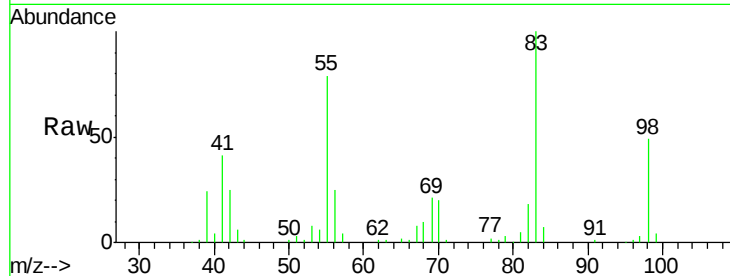
Tot Ion: 83 Resp: 84471

Ion Ratio Lower Upper

83 100

55 79.2 62.8 94.2

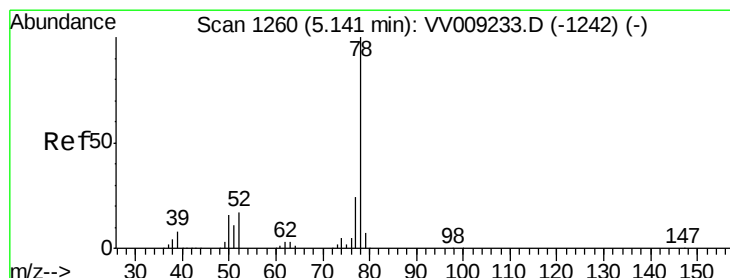
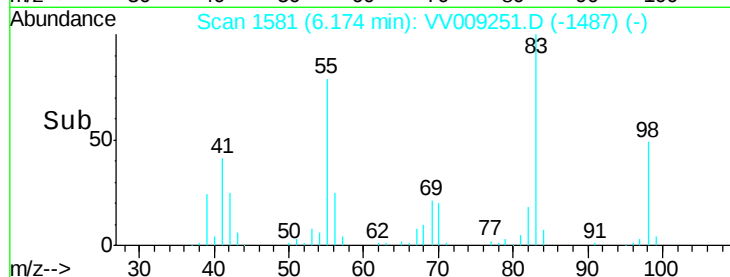
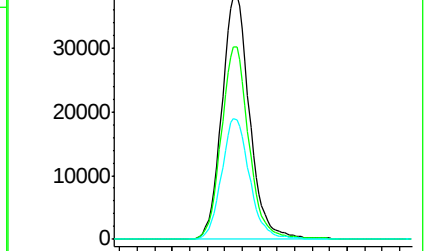
98 49.0 39.1 58.7



Abundance Ion 83.00 (82.70 to 83.70): VV009233.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV009233.D (-1564) (-)



#40

Benzene

Concen: 48.794 ug/l

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV009251.D

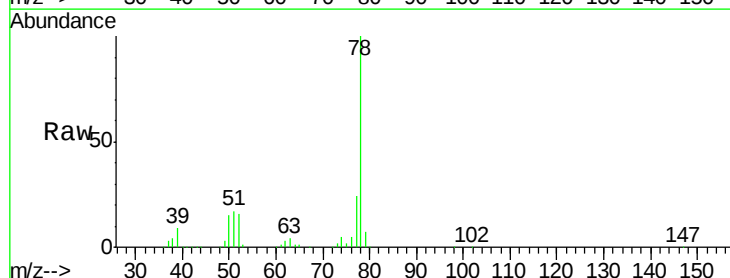
Acq: 23 Jan 2019 17:30

Tgt Ion: 78 Resp: 194600

Ion Ratio Lower Upper

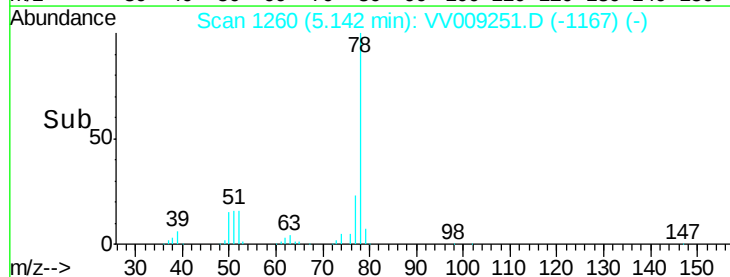
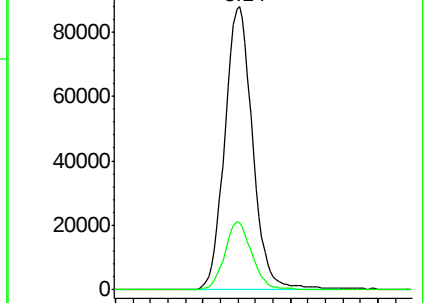
78 100

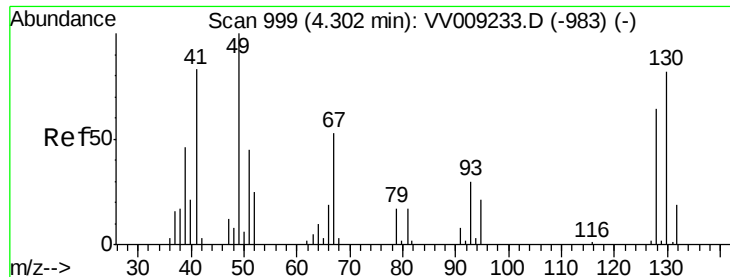
77 23.7 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VV009233.D (-1242) (-)

Ion 77.00 (76.70 to 77.70): VV009233.D (-1242) (-)





#41

Methacrylonitrile

Concen: 63.510 ug/l

RT: 4.31 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tot Ion: 41 Resp: 20976

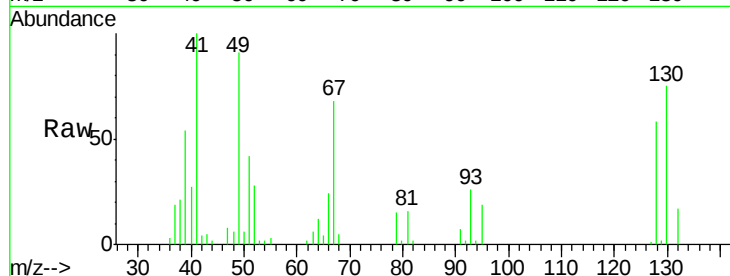
Ion Ratio Lower Upper

41 100

39 54.6 45.4 68.0

67 70.4 55.5 83.3

52 31.6 25.2 37.8

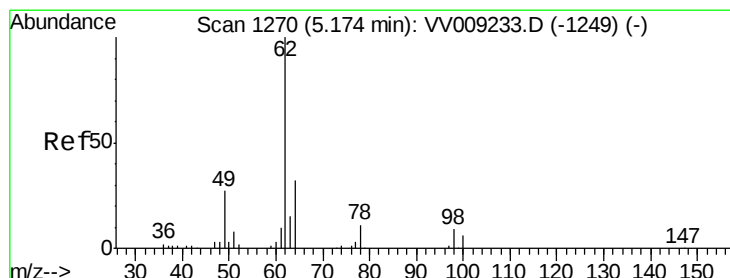
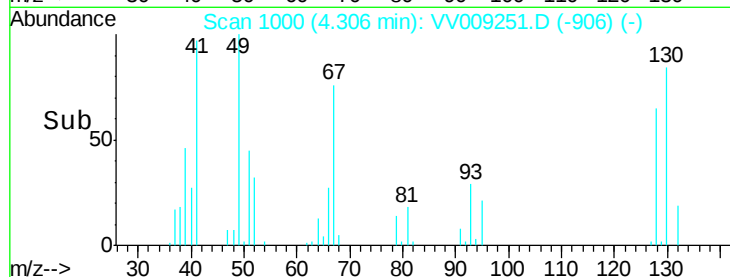
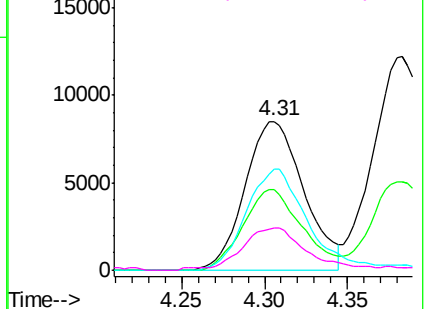


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 67.00 (66.70 to 67.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#42

1,2-Dichloroethane

Concen: 49.966 ug/l

RT: 5.17 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VV009251.D

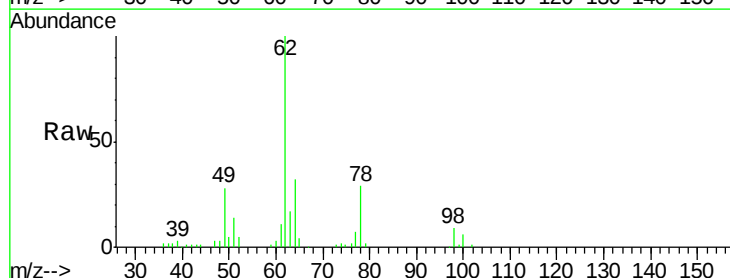
Acq: 23 Jan 2019 17:30

Tgt Ion: 62 Resp: 62368

Ion Ratio Lower Upper

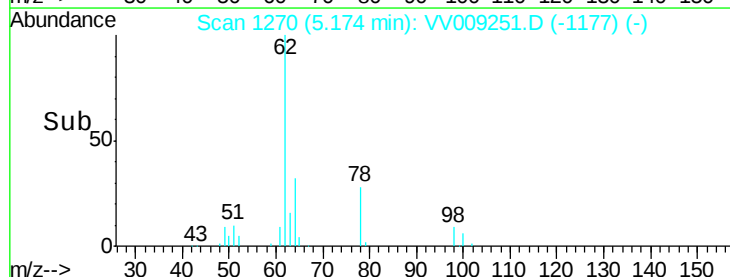
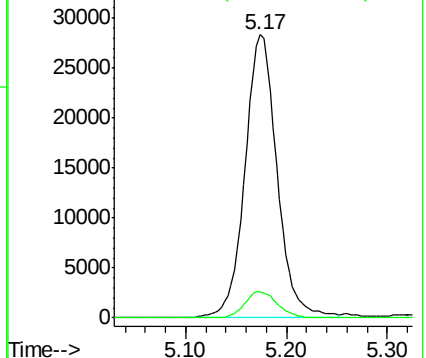
62 100

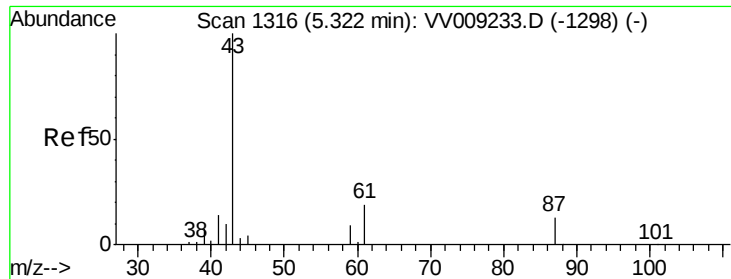
98 9.3 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 64.089 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

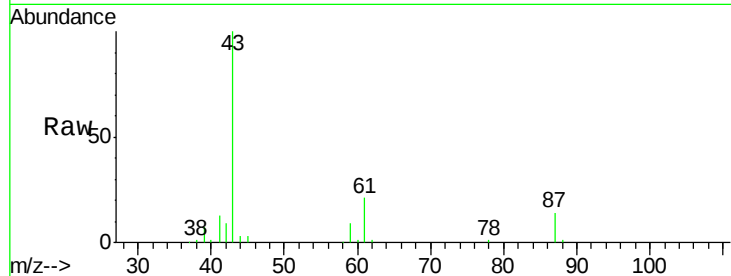
Tot Ion: 43 Resp: 69084

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

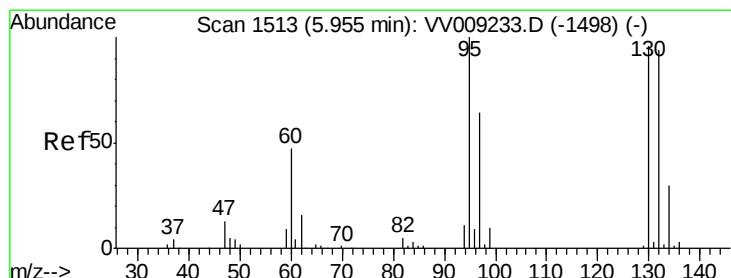
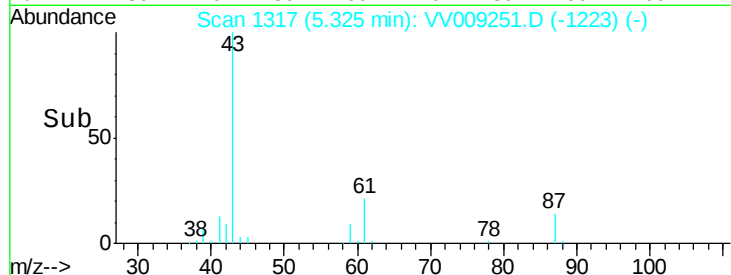
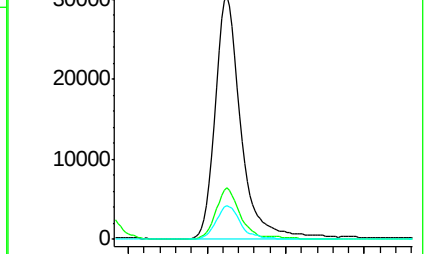
87 13.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1298) (-)

Ion 61.00 (60.70 to 61.70): VV009233.D (-1298) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-1298) (-)



#44

Trichloroethene

Concen: 48.701 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009251.D

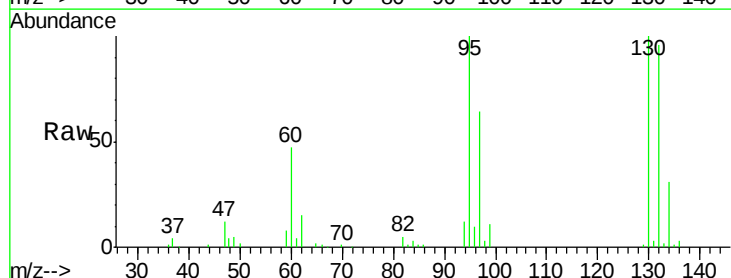
Acq: 23 Jan 2019 17:30

Tgt Ion: 130 Resp: 51111

Ion Ratio Lower Upper

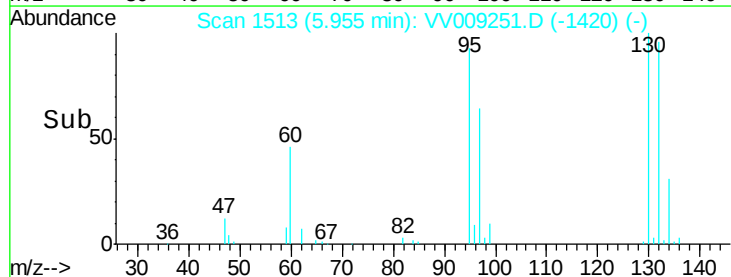
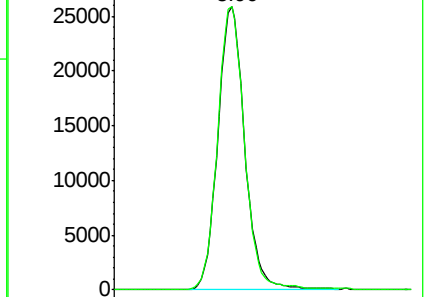
130 100

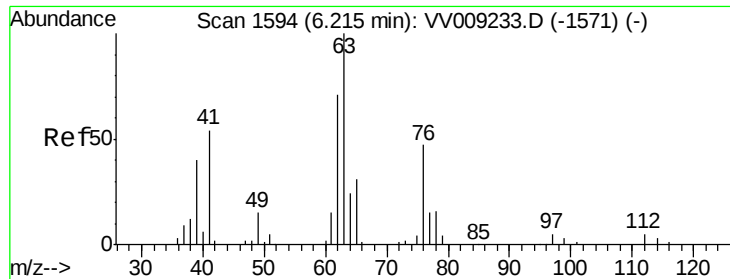
95 100.0 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)

Ion 94.90 (94.60 to 95.60): VV009233.D (-1498) (-)





#45

1,2-Dichloropropane

Concen: 51.135 ug/l

RT: 6.22 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VV009251.D

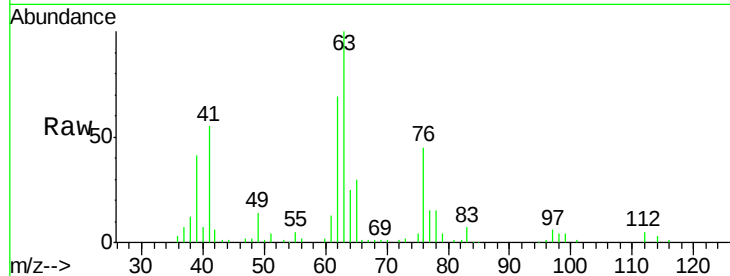
Acq: 23 Jan 2019 17:30

Tot Ion: 63 Resp: 49055

Ion Ratio Lower Upper

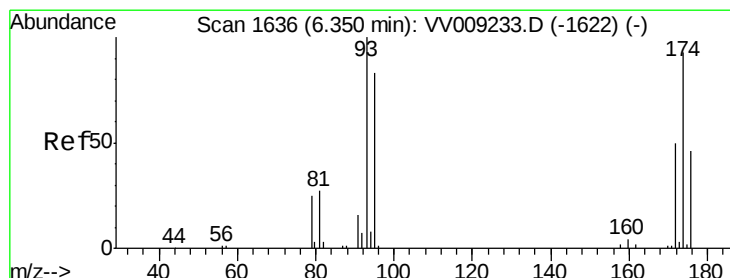
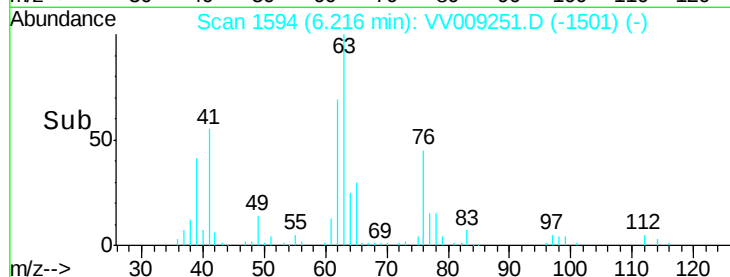
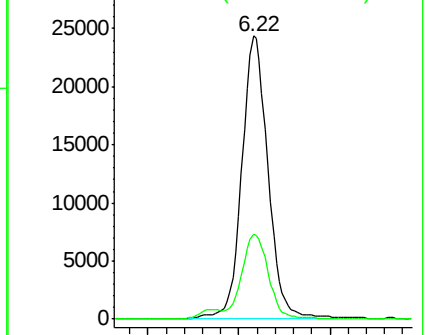
63 100

65 29.9 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VV009251.D (-1501) (-)

Ion 64.90 (64.60 to 65.60): VV009251.D (-1501) (-)



#46

Dibromomethane

Concen: 57.032 ug/l

RT: 6.35 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

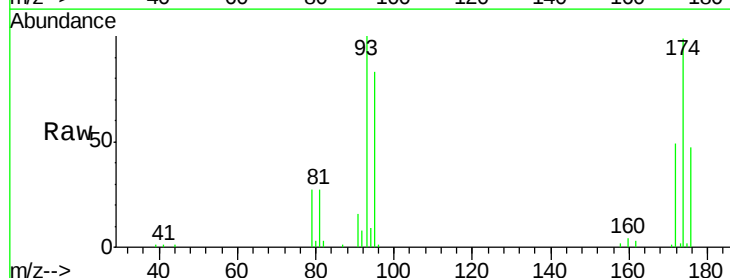
Tgt Ion: 93 Resp: 28074

Ion Ratio Lower Upper

93 100

95 83.4 64.6 97.0

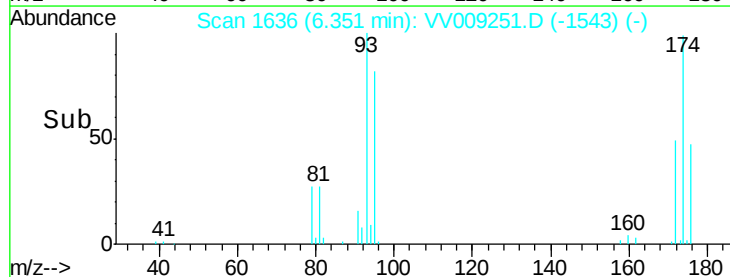
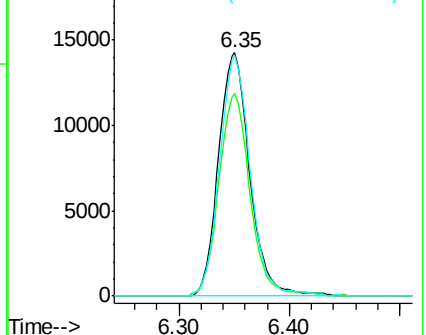
174 96.8 74.0 111.0

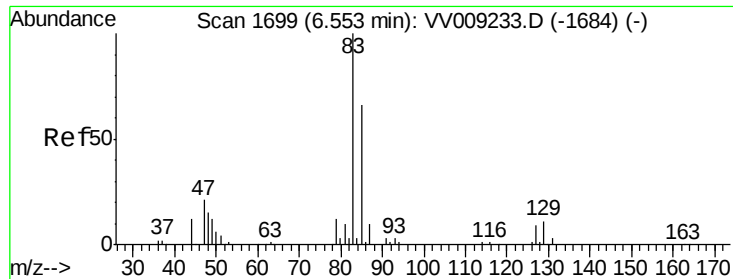


Abundance Ion 92.80 (92.50 to 93.50): VV009251.D (-1543) (-)

Ion 94.80 (94.50 to 95.50): VV009251.D (-1543) (-)

Ion 173.70 (173.40 to 174.40): VV009251.D (-1543) (-)





#47

Bromodichloromethane

Concen: 50.474 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

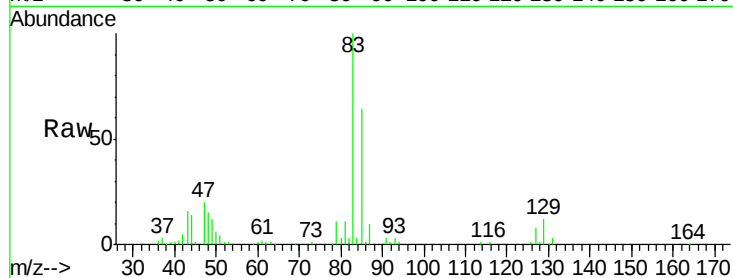
Tot Ion: 83 Resp: 65655

Ion Ratio Lower Upper

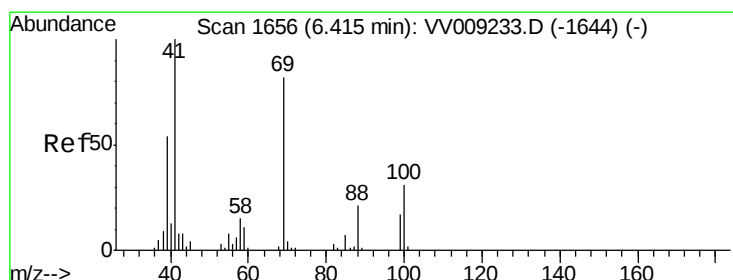
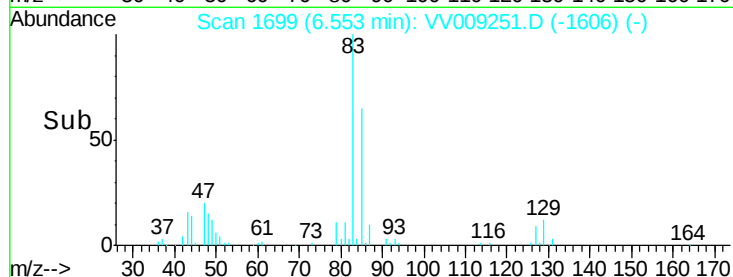
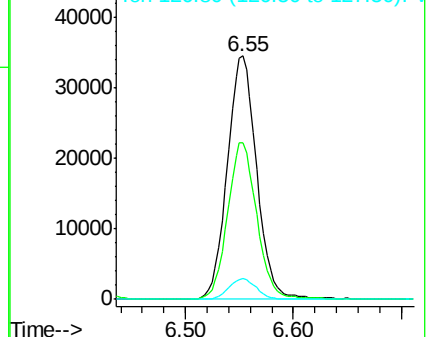
83 100

85 64.1 52.6 78.8

127 8.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV0
Ion 84.90 (84.60 to 85.60): VV0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 61.454 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

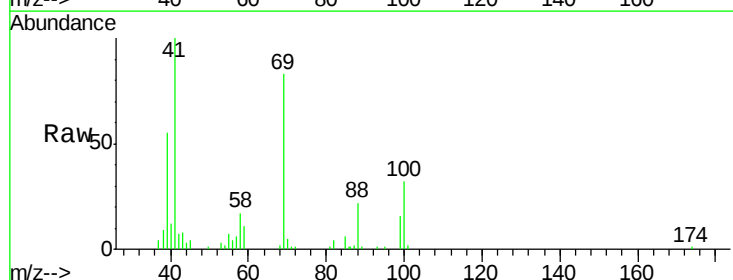
Tgt Ion: 41 Resp: 33803

Ion Ratio Lower Upper

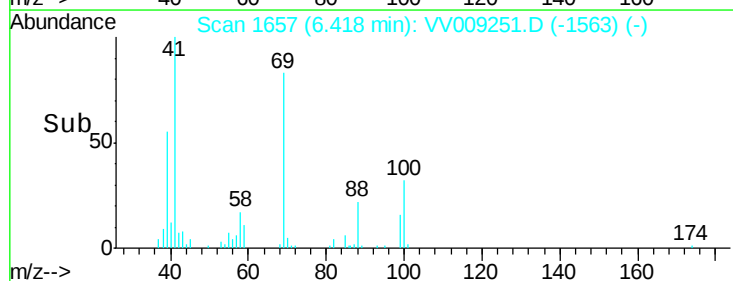
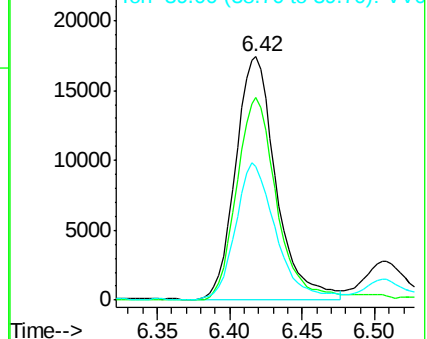
41 100

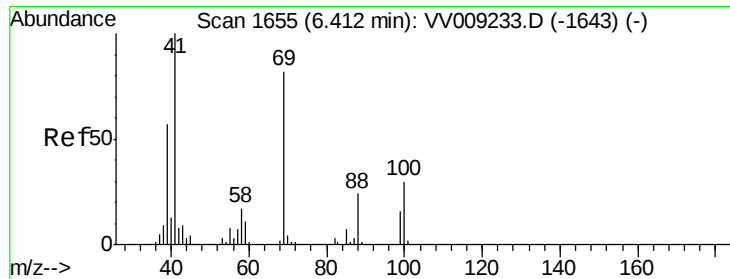
69 84.1 65.8 98.6

39 56.5 43.4 65.0



Abundance Ion 41.00 (40.70 to 41.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 39.00 (38.70 to 39.70): VV0





#49

1,4-Dioxane

Concen: 1408.519 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

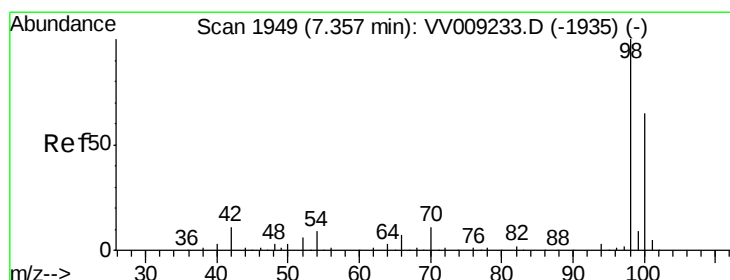
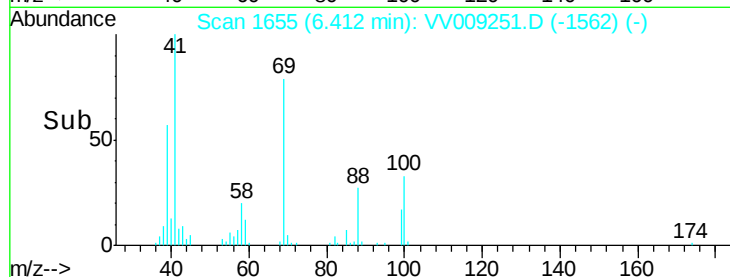
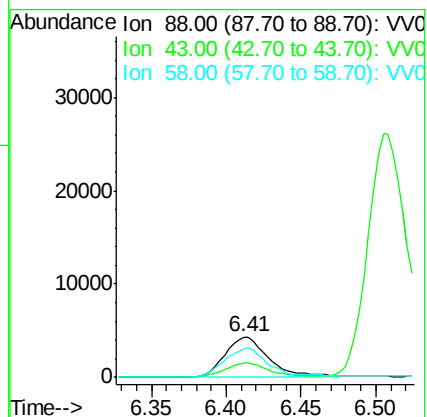
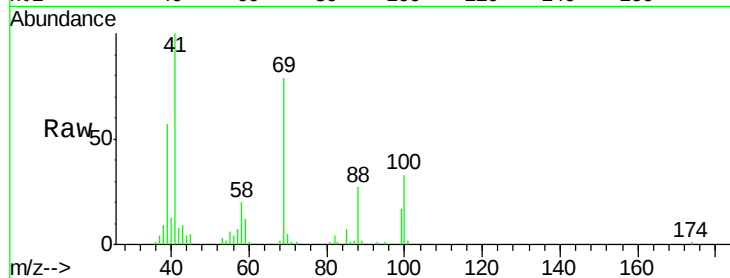
Tot Ion: 88 Resp: 8832

Ion Ratio Lower Upper

88 100

43 37.3 31.9 47.9

58 71.1 62.0 93.0



#50

Toluene-d8

Concen: 50.385 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009251.D

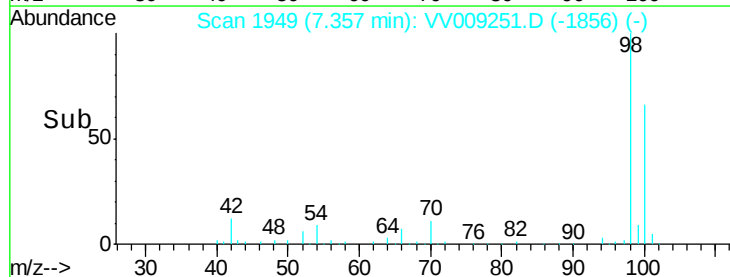
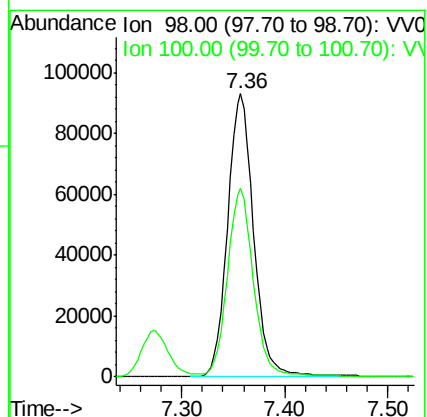
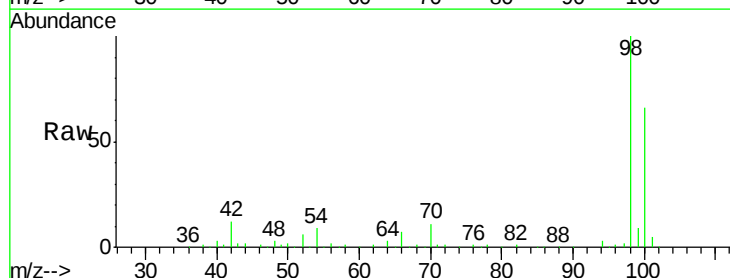
Acq: 23 Jan 2019 17:30

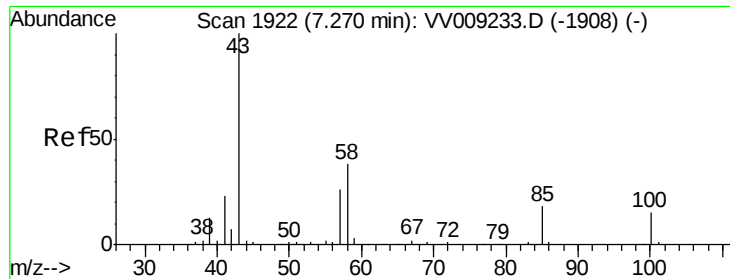
Tgt Ion: 98 Resp: 163886

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 329.376 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009251.D

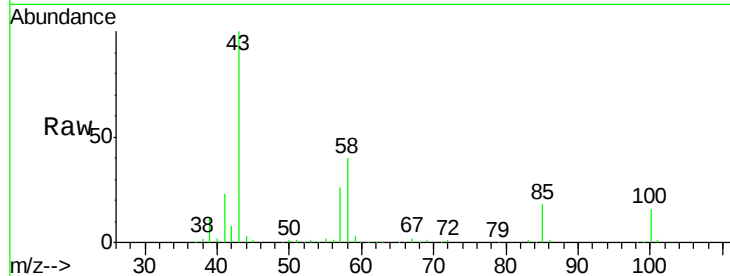
Acq: 23 Jan 2019 17:30

Tot Ion: 43 Resp: 180187

Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1908) (-)

7.27

100000

80000

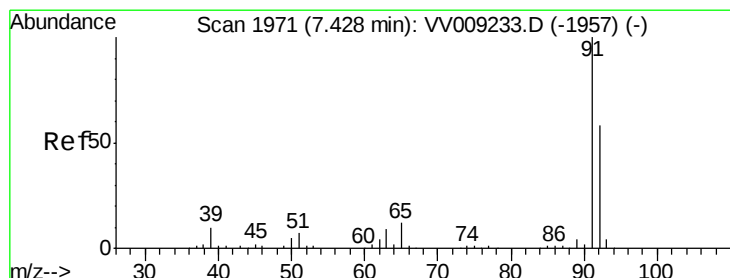
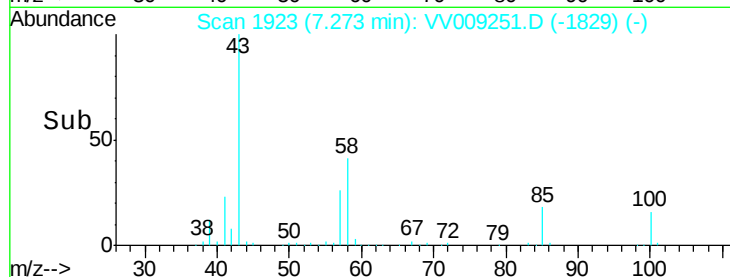
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 49.535 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009251.D

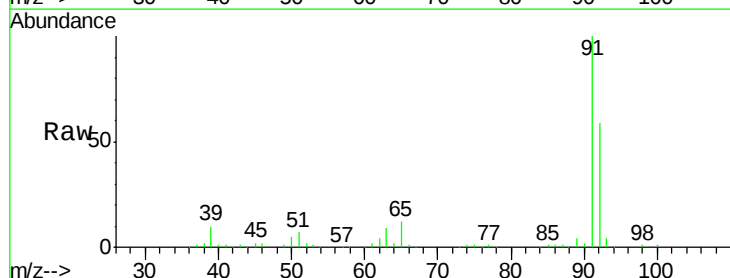
Acq: 23 Jan 2019 17:30

Tgt Ion: 92 Resp: 124970

Ion Ratio Lower Upper

92 100

91 169.6 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)

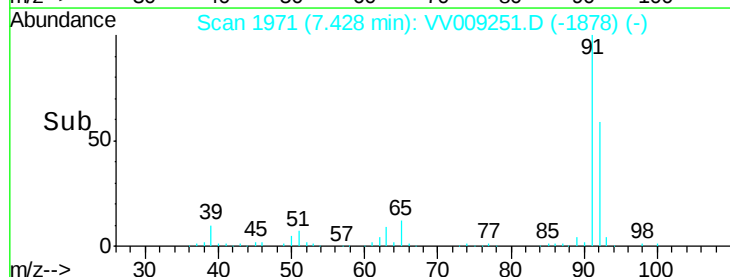
7.43

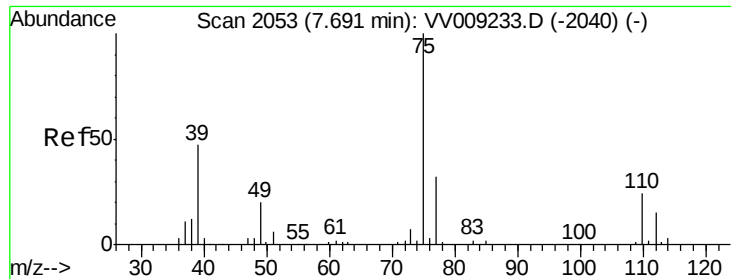
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.203 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009251.D

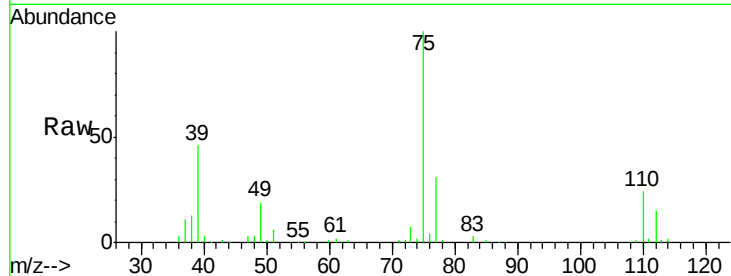
Acq: 23 Jan 2019 17:30

Tot Ion: 75 Resp: 66090

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

7.69

40000

30000

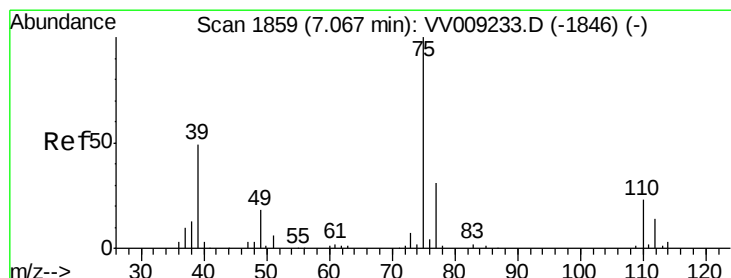
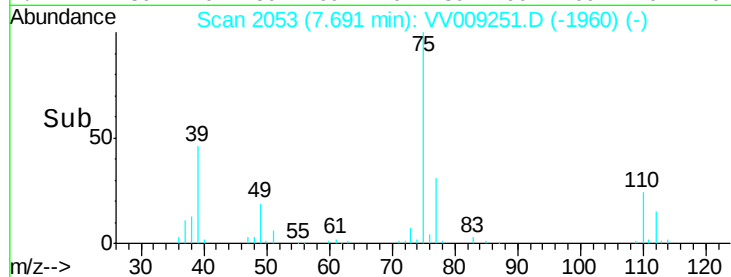
20000

10000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.802 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

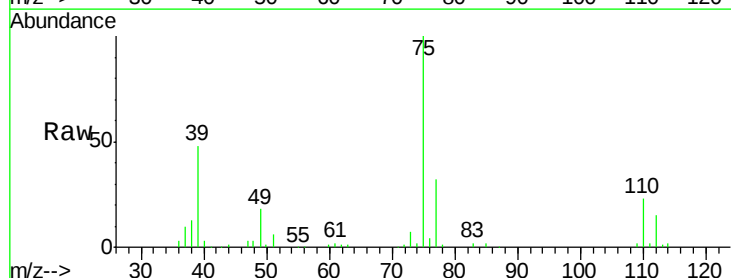
Tgt Ion: 75 Resp: 74059

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 48.2 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0

7.07

50000

40000

30000

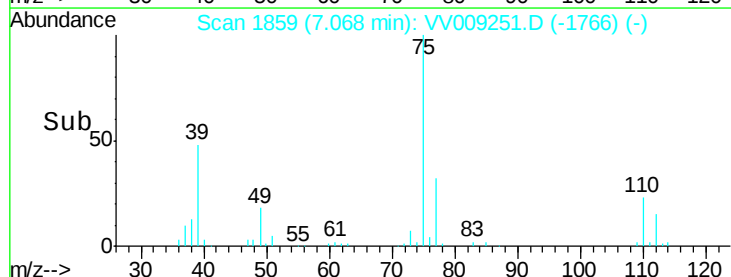
20000

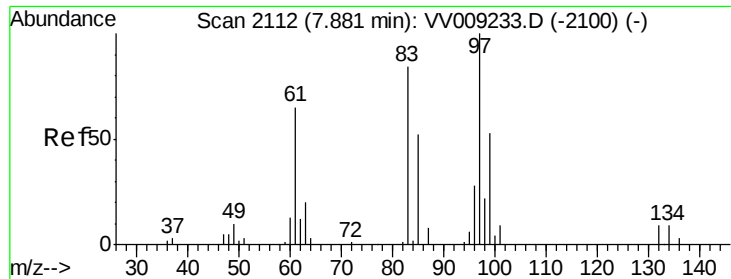
10000

0

7.00 7.05 7.10 7.15 7.20

Time-->

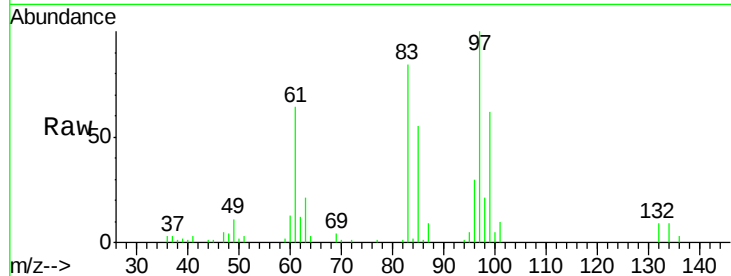




#55
1,1,2-Trichloroethane
Concen: 56.987 ug/l
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 97 Resp: 39524

Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.0
85	55.2	42.6	64.0
99	61.6	51.1	76.7

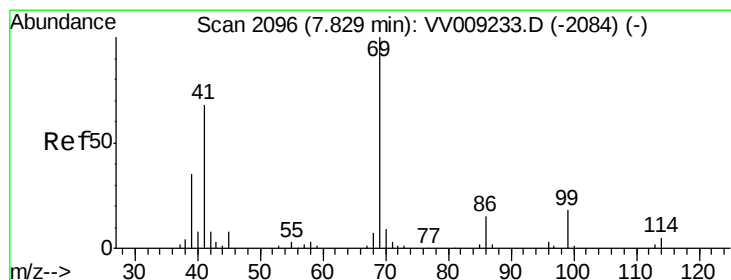
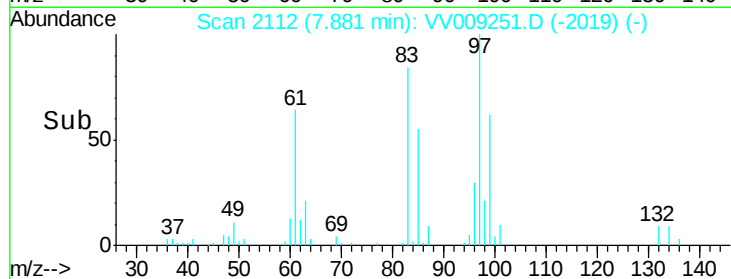
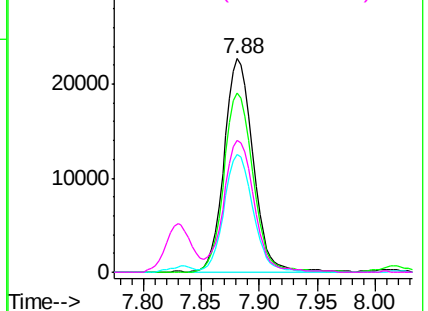


Abundance Ion 96.90 (96.60 to 97.60): VV0

Ion 82.90 (82.60 to 83.60): VV0

Ion 84.90 (84.60 to 85.60): VV0

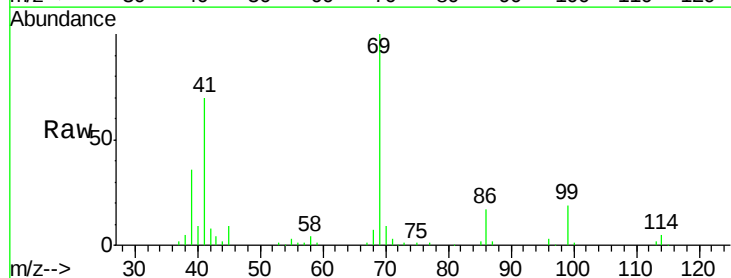
Ion 98.90 (98.60 to 99.60): VV0



#56
Ethyl methacrylate
Concen: 60.686 ug/l
RT: 7.83 min Scan# 2096
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 69 Resp: 49037

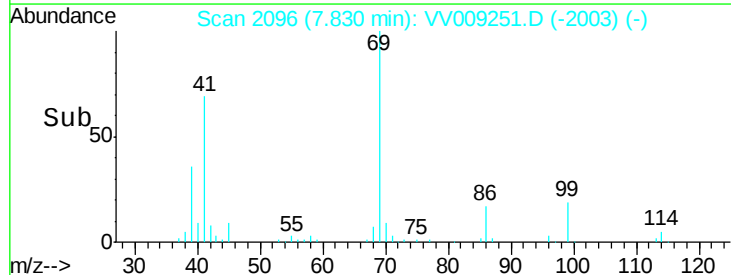
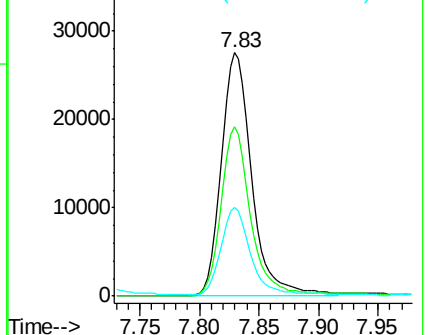
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.0	81.0
39	34.0	26.8	40.2

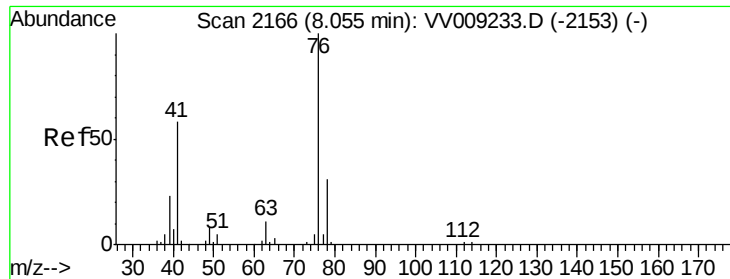


Abundance Ion 69.00 (68.70 to 69.70): VV0

Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0





#57

1,3-Dichloropropane

Concen: 55.579 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009251.D

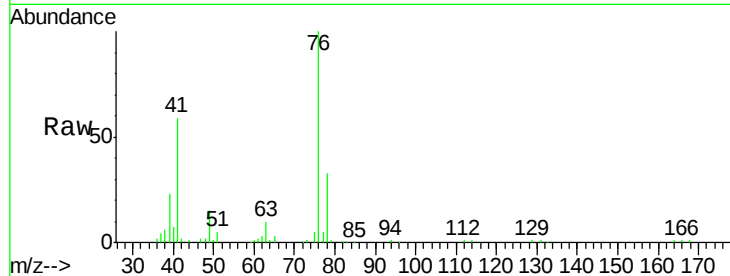
Acq: 23 Jan 2019 17:30

Tot Ion: 76 Resp: 69792

Ion Ratio Lower Upper

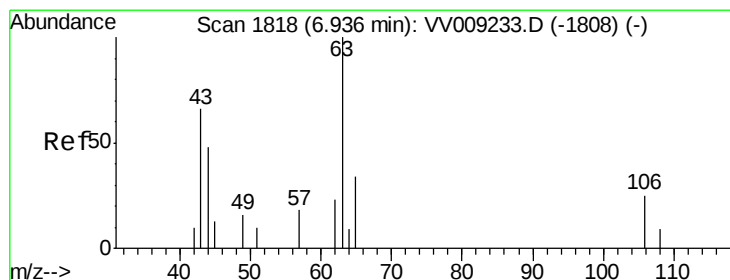
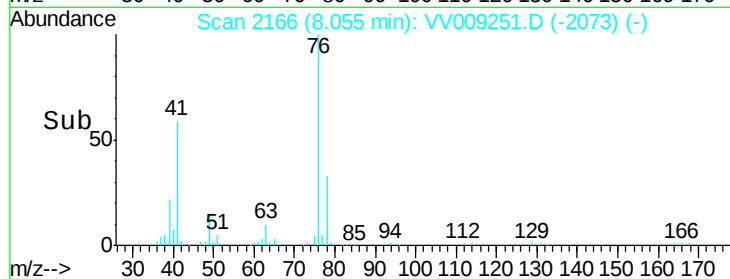
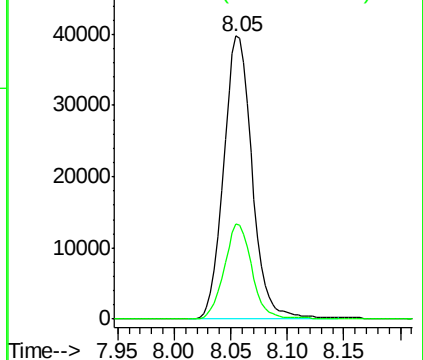
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#58

2-Chloroethyl Vinyl ether

Concen: 145.476 ug/l

RT: 6.93 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VV009251.D

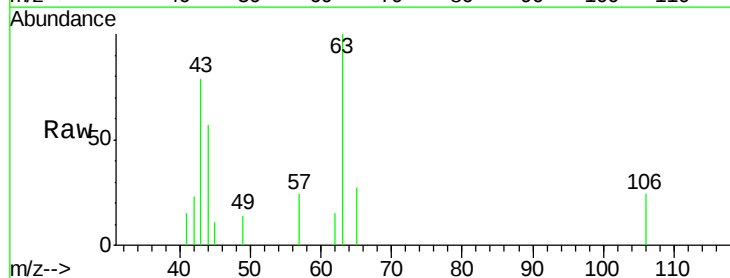
Acq: 23 Jan 2019 17:30

Tgt Ion: 63 Resp: 1837

Ion Ratio Lower Upper

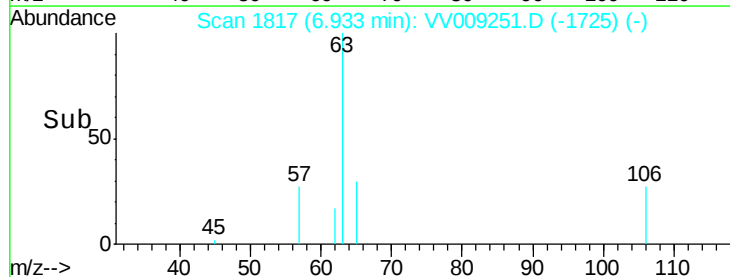
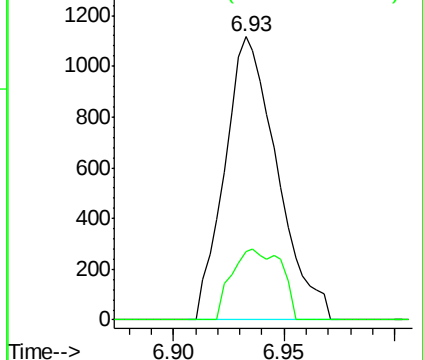
63 100

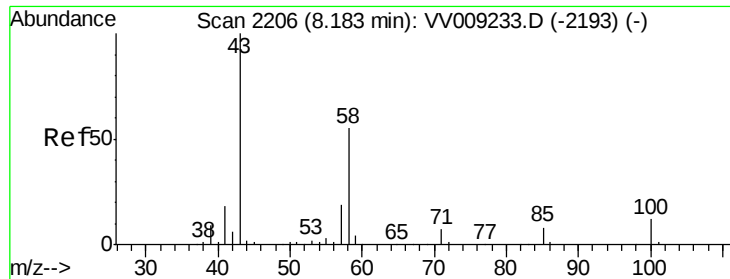
106 23.5 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 327.847 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009251.D

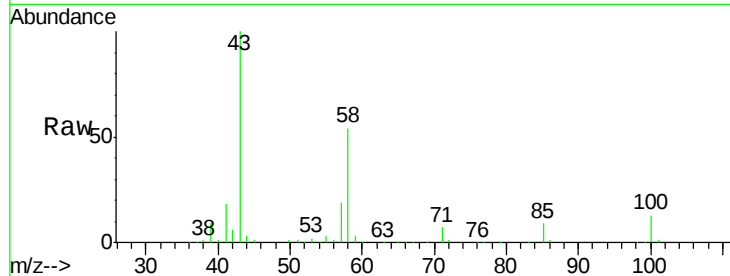
Acq: 23 Jan 2019 17:30

Tot Ion: 43 Resp: 129721

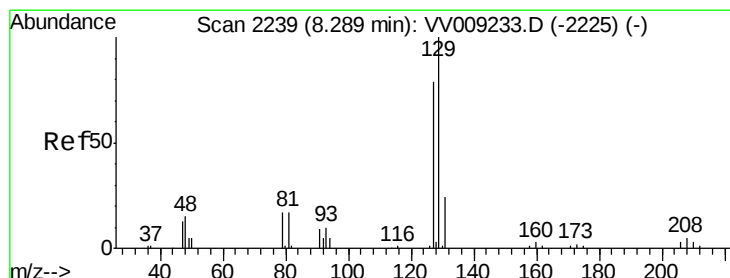
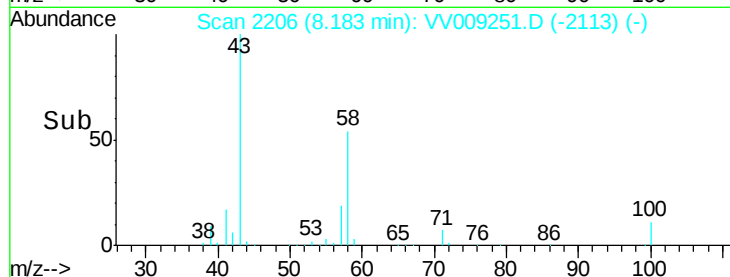
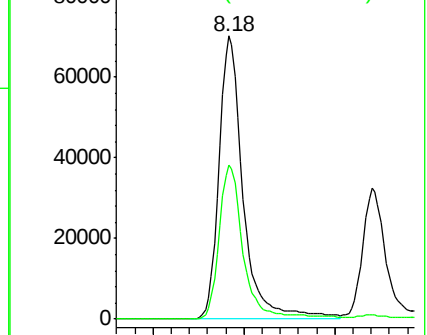
Ion Ratio Lower Upper

43 100

58 53.2 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-2193) (-)



#60

Dibromochloromethane

Concen: 55.315 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009251.D

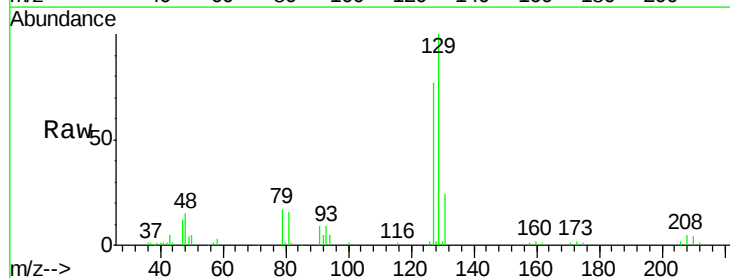
Acq: 23 Jan 2019 17:30

Tgt Ion: 129 Resp: 44919

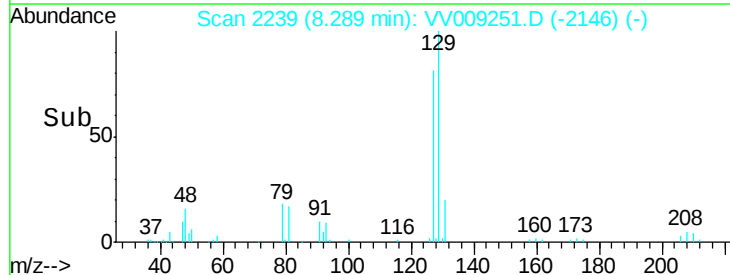
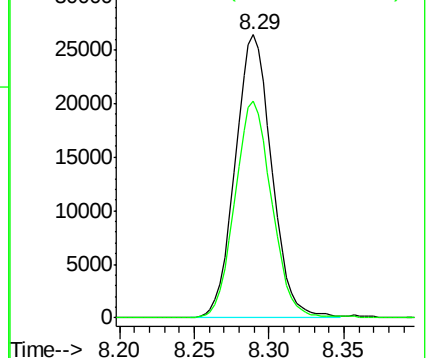
Ion Ratio Lower Upper

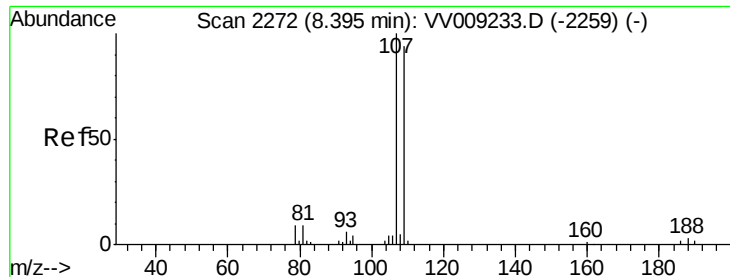
129 100

127 77.3 38.8 116.4



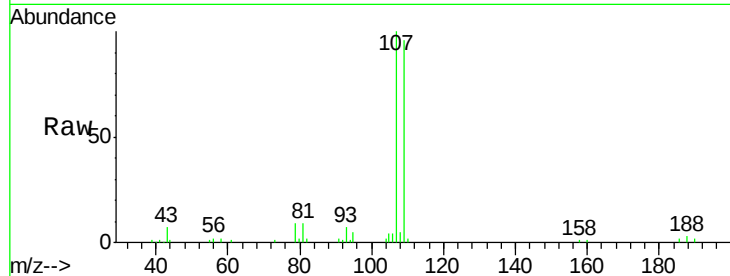
Abundance Ion 128.80 (128.50 to 129.50): VV009233.D (-2225) (-)



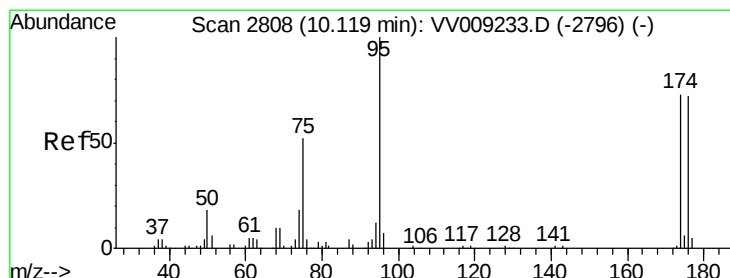
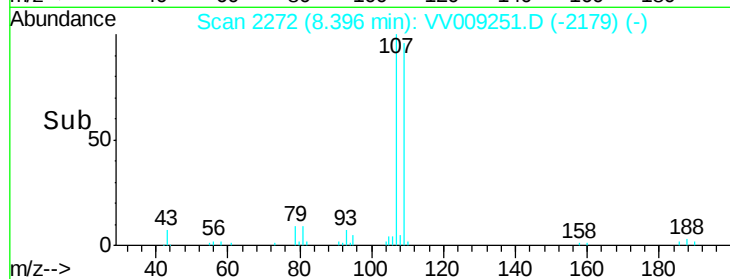
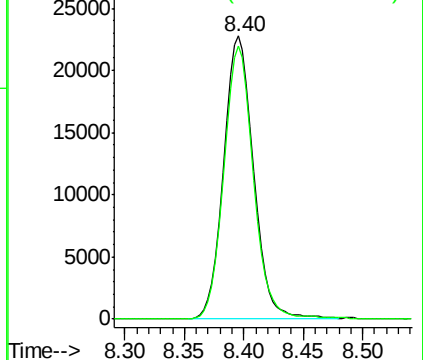


#61
 1,2-Dibromoethane
 Concen: 58.651 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tot Ion: 107 Resp: 39780
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.2 114.2

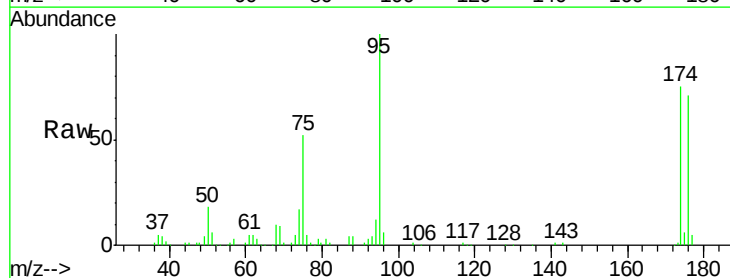


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

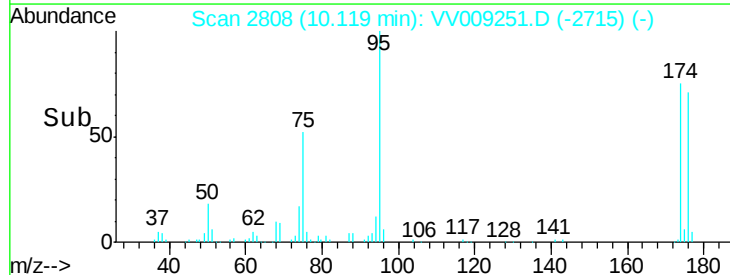
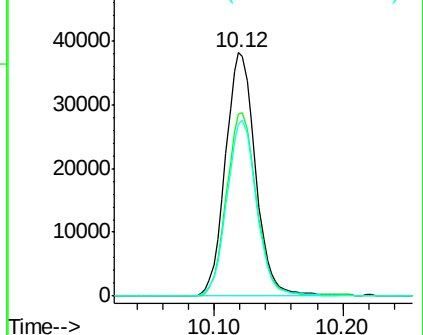


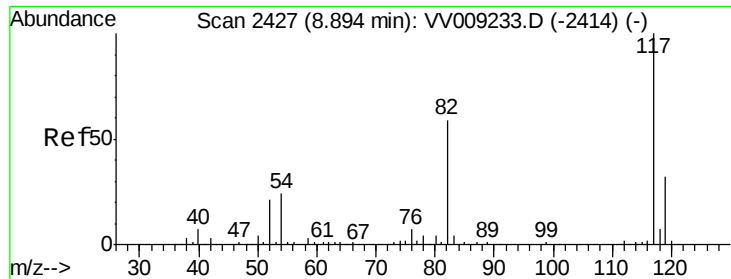
#62
 4-Bromofluorobenzene
 Concen: 50.313 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tgt Ion: 95 Resp: 61667
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 148.2
 176 71.6 0.0 143.0



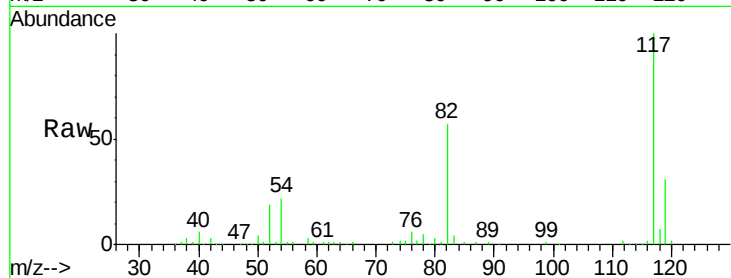
Abundance Ion 94.90 (94.60 to 95.60): VV0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.0	70.6
119	30.9	25.4	38.2

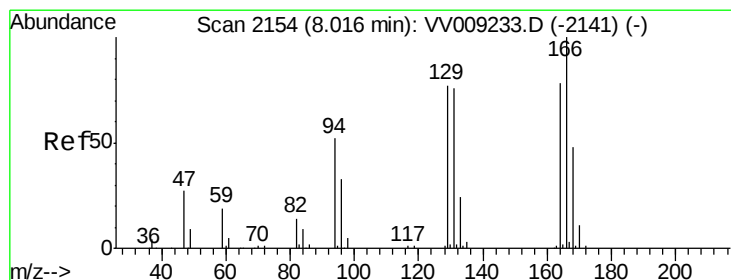
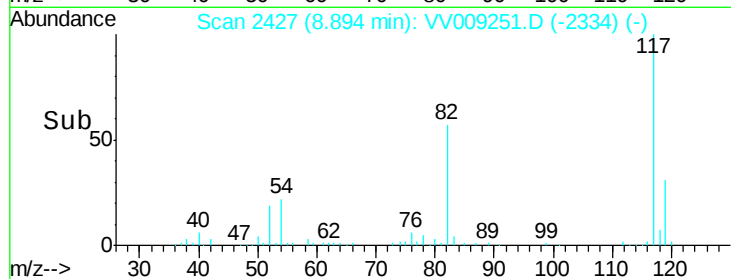
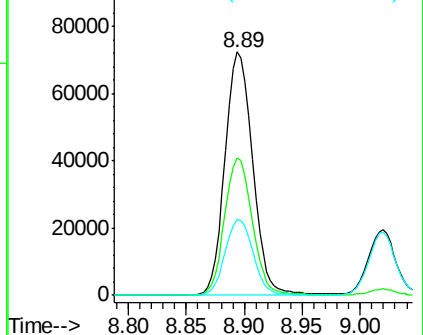


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.692 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.1	153.1
129	98.9	78.1	117.1
131	94.6	78.0	117.0

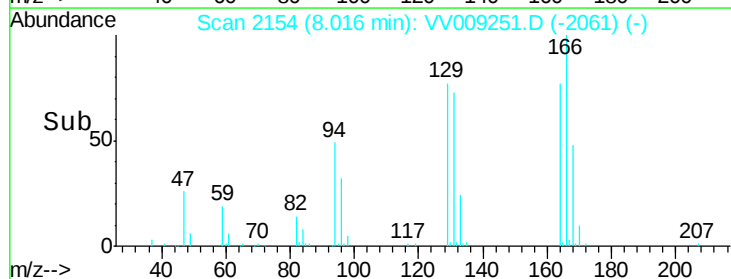
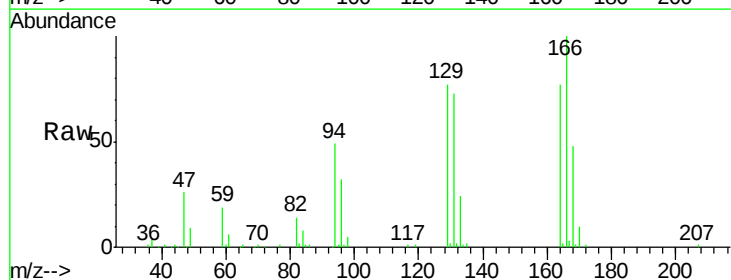
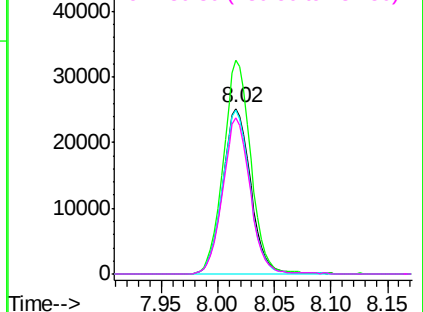
Abundance

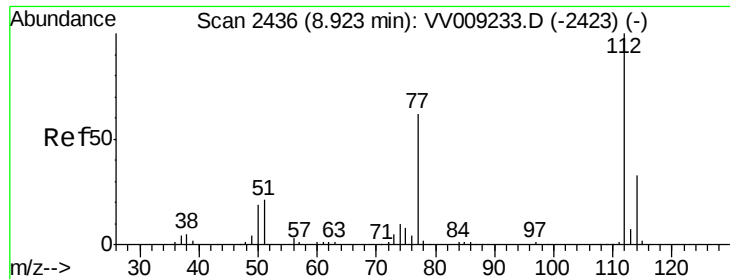
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

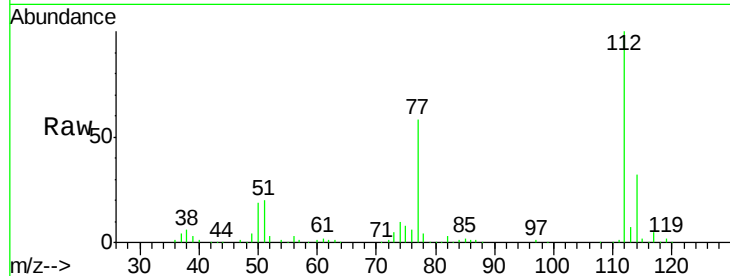
Ion 130.80 (130.50 to 131.50): V



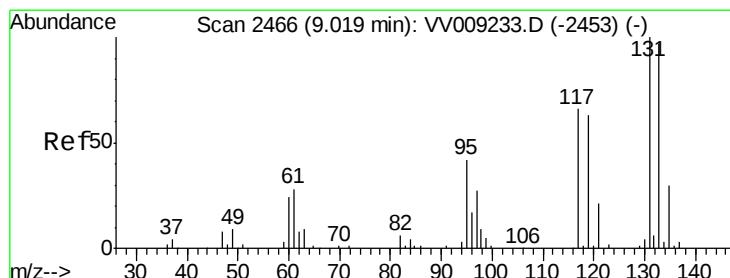
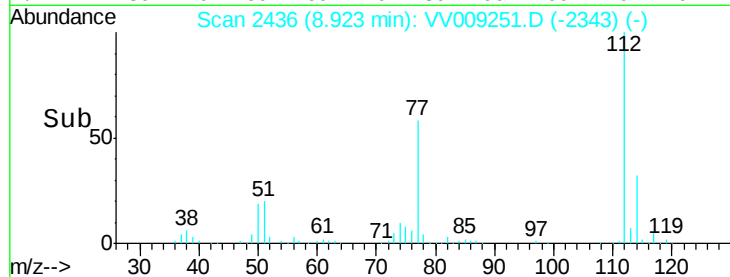
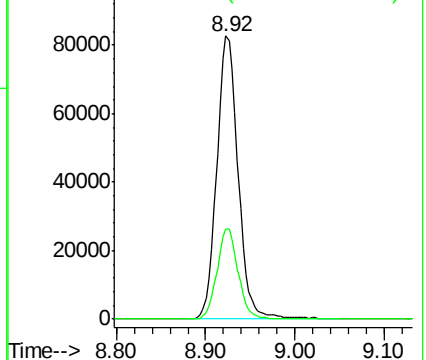


#65
Chlorobenzene
Concen: 48.963 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion:112 Resp: 136961
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

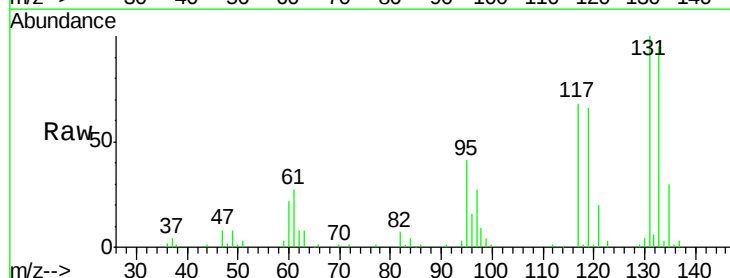


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

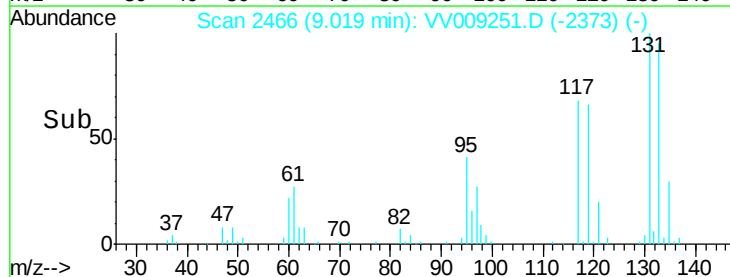
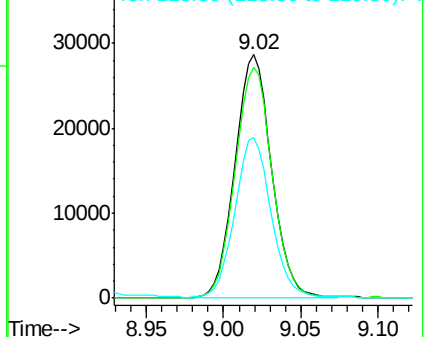


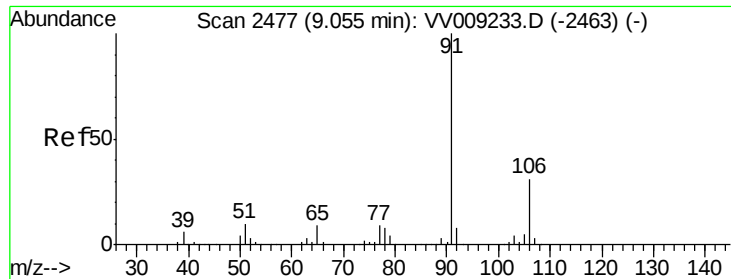
#66
1,1,1,2-Tetrachloroethane
Concen: 49.418 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion:131 Resp: 47244
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.9
119 64.3 31.2 93.6



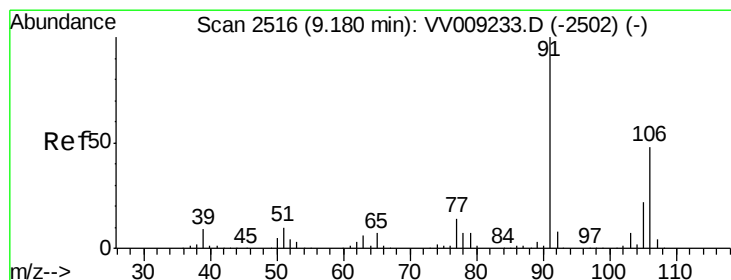
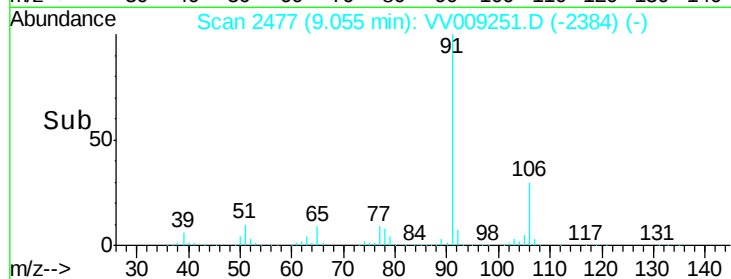
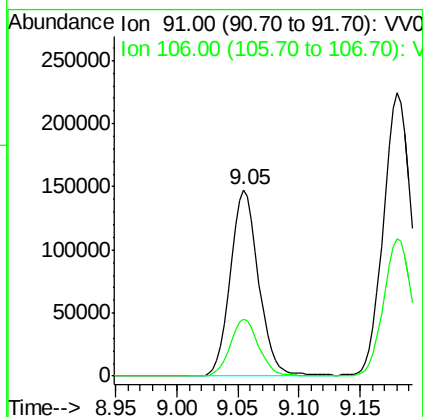
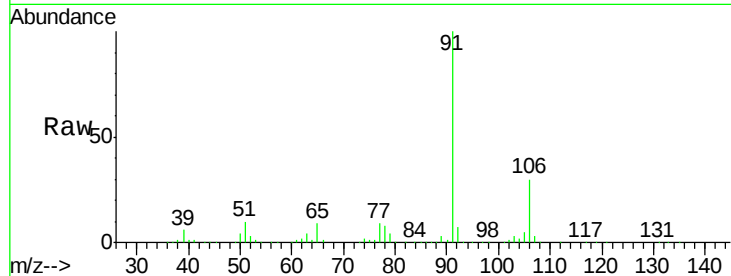
Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





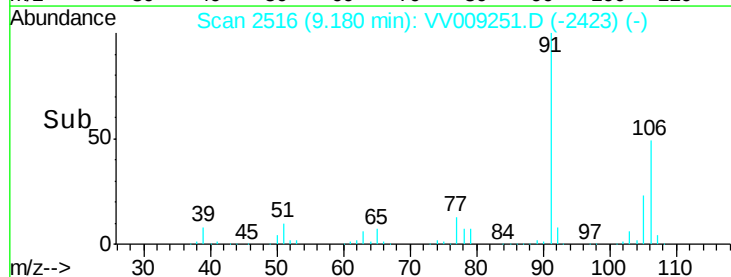
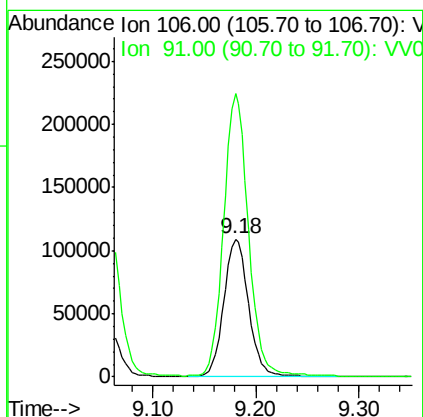
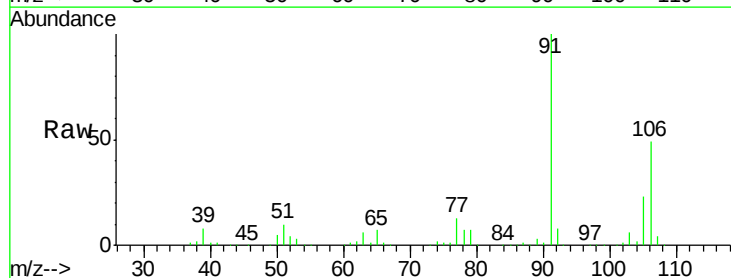
#67
Ethyl Benzene
Concen: 48.110 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

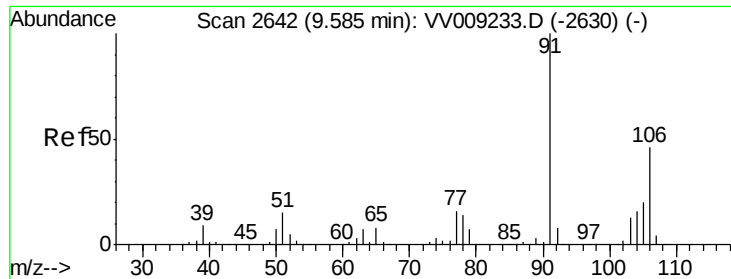
Tot Ion: 91 Resp: 239748
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 96.337 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

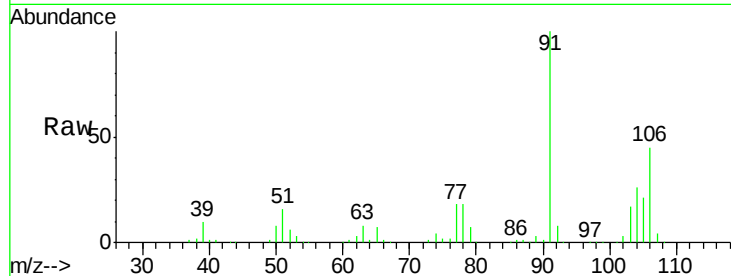
Tgt Ion: 106 Resp: 182257
Ion Ratio Lower Upper
106 100
91 206.4 167.1 250.7



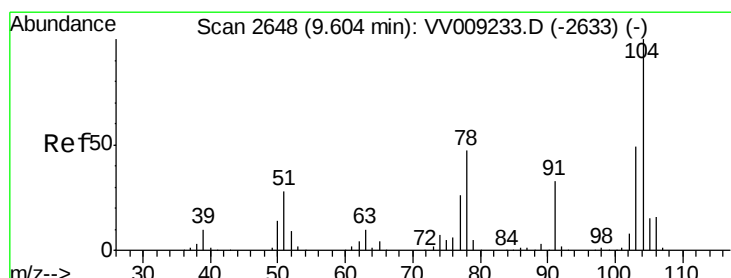
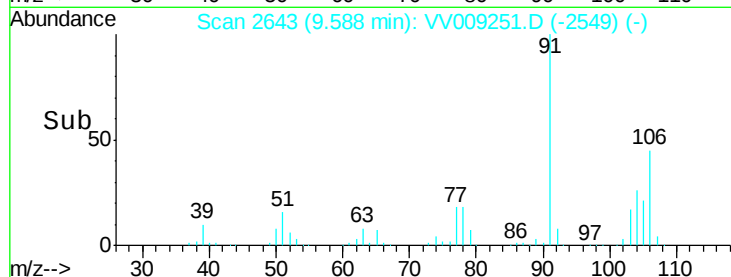
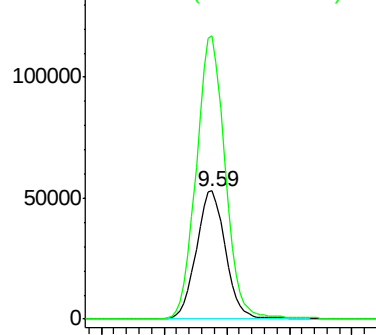


#69
o-Xylene
Concen: 49.042 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion:106 Resp: 86019
Ion Ratio Lower Upper
106 100
91 218.3 109.3 327.8

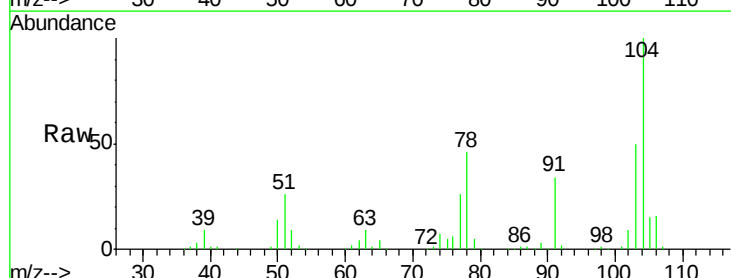


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

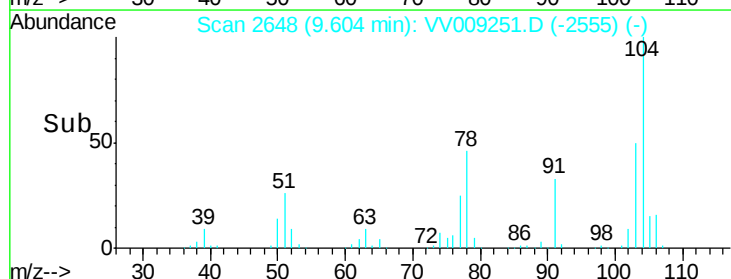
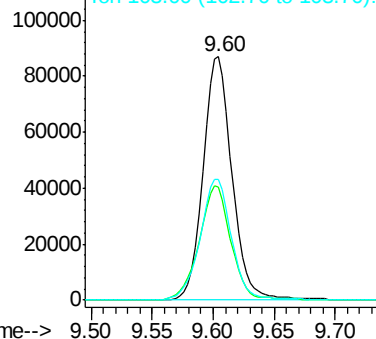


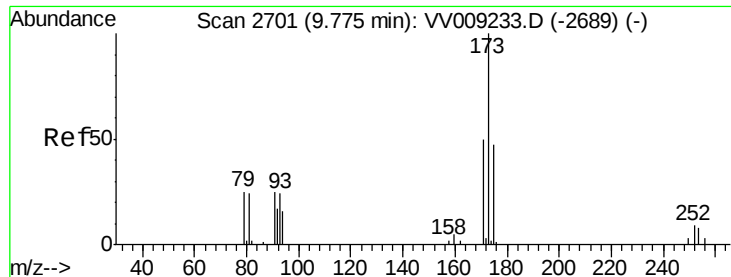
#70
Styrene
Concen: 51.234 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion:104 Resp: 143418
Ion Ratio Lower Upper
104 100
78 52.0 43.1 64.7
103 54.4 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 59.980 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

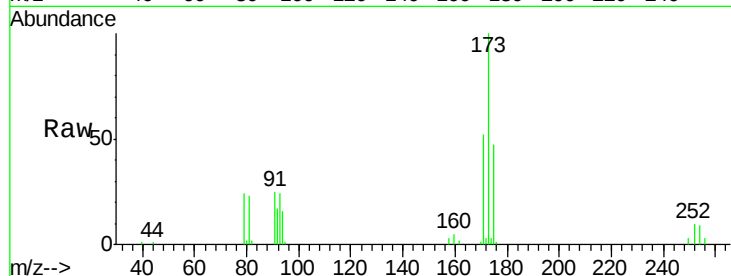
Tot Ion:173 Resp: 27040

Ion Ratio Lower Upper

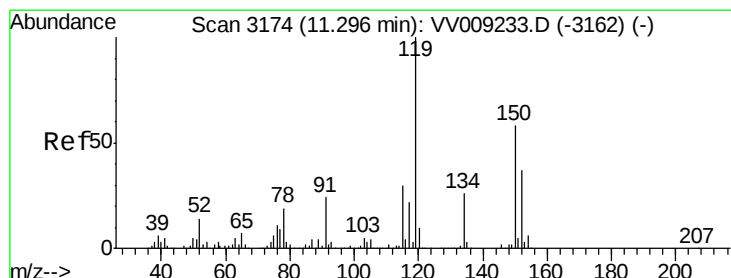
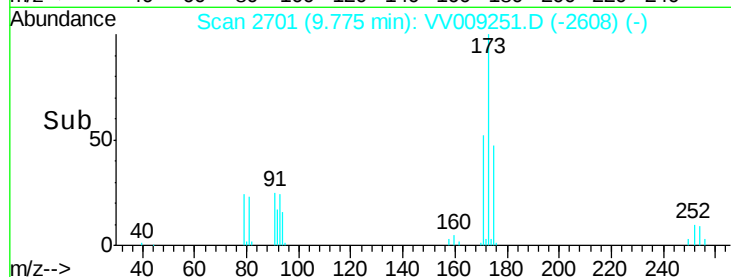
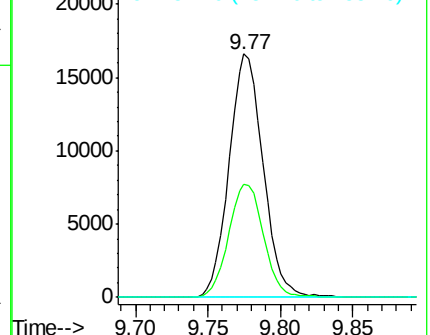
173 100

175 47.5 23.4 70.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

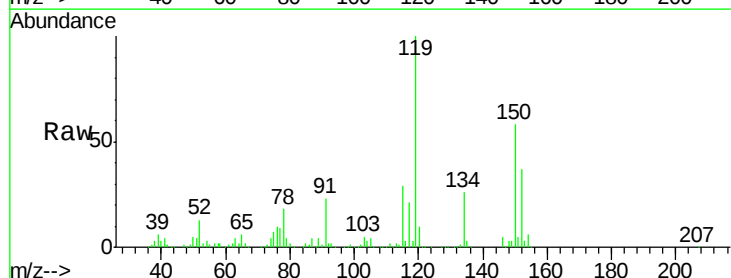
Tgt Ion:152 Resp: 62967

Ion Ratio Lower Upper

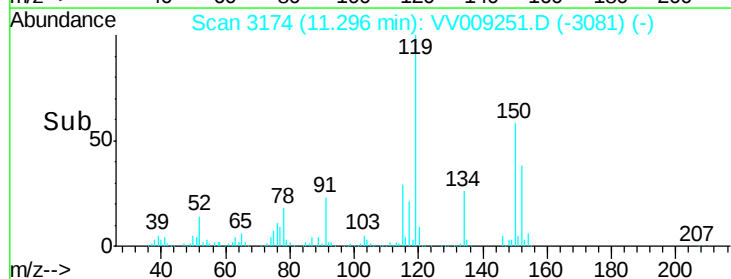
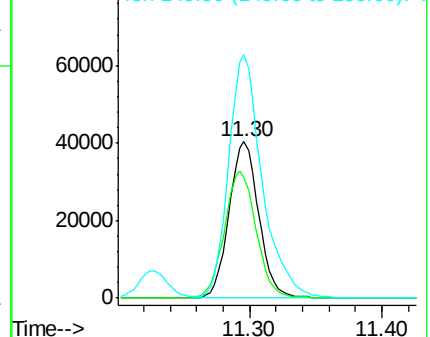
152 100

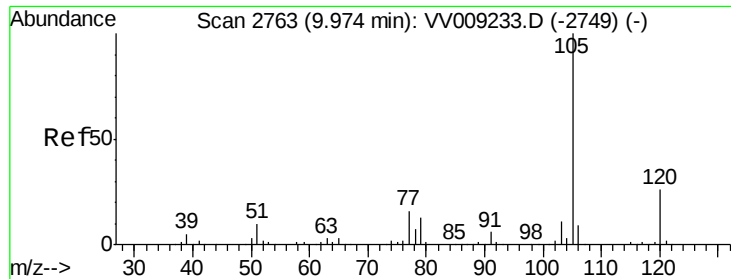
115 86.7 45.0 134.8

150 175.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.818 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009251.D

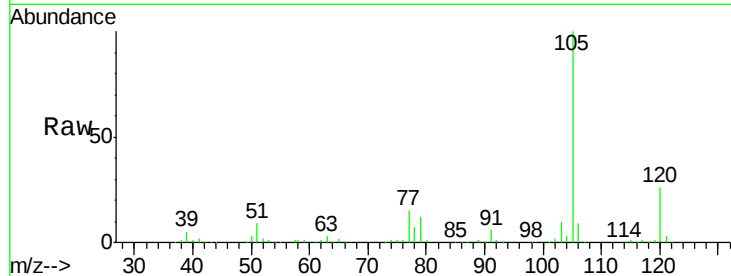
Acq: 23 Jan 2019 17:30

Tot Ion: 105 Resp: 243435

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

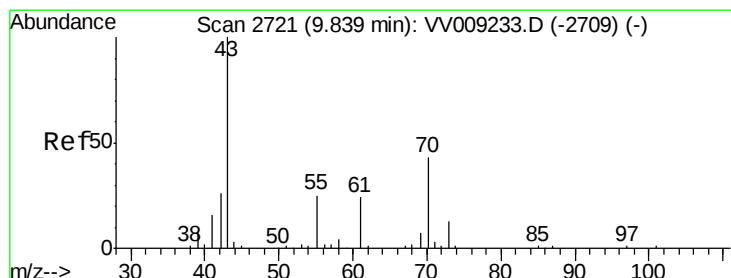
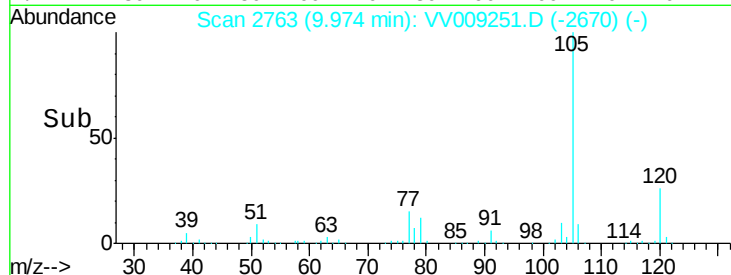
100000

50000

0

9.90 9.97 10.00

Time-->



#74

N-ethyl acetate

Concen: 61.417 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

Tgt Ion: 43 Resp: 59053

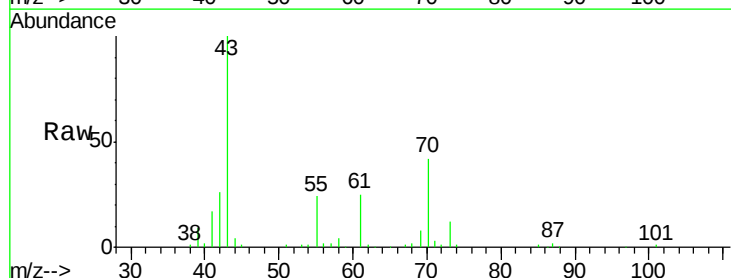
Ion Ratio Lower Upper

43 100

70 43.1 33.0 49.6

55 24.6 18.7 28.1

61 22.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

50000

40000

30000

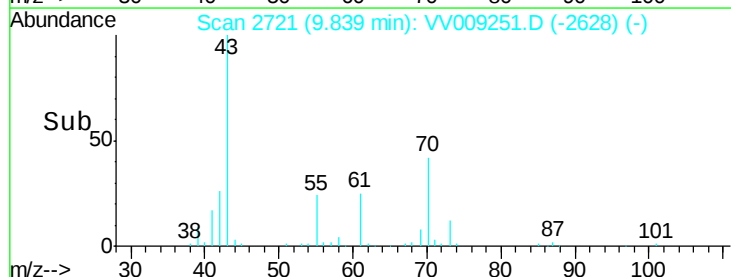
20000

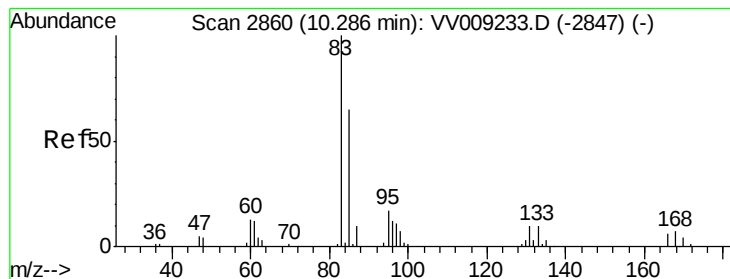
10000

0

9.80 9.84 9.90 10.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.585 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

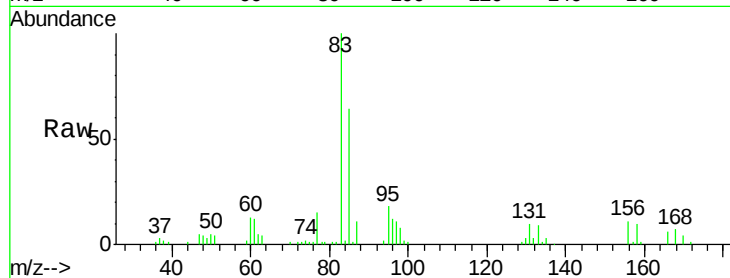
Tot Ion: 83 Resp: 51355

Ion Ratio Lower Upper

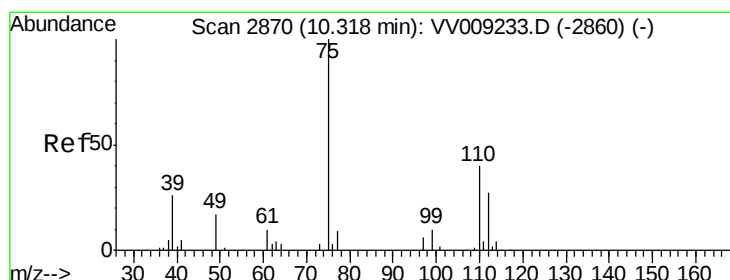
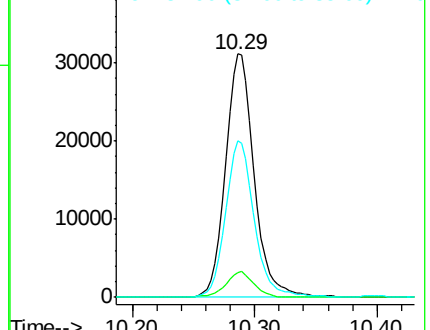
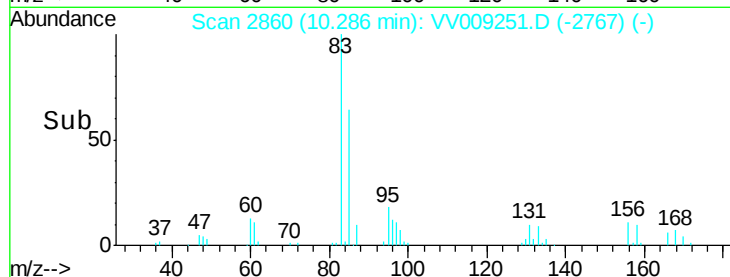
83 100

131 10.5 5.1 15.3

85 64.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009251.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 59.312 ug/l

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV009251.D

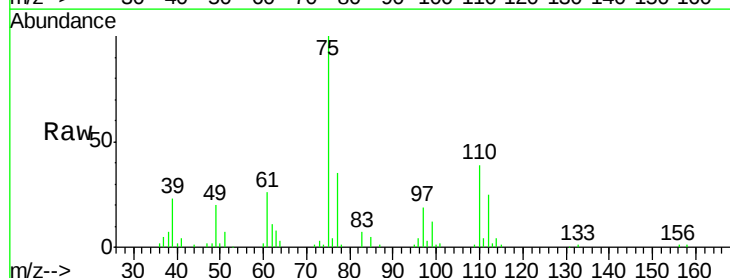
Acq: 23 Jan 2019 17:30

Tgt Ion: 75 Resp: 40889

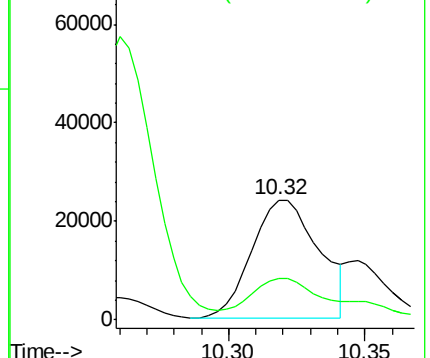
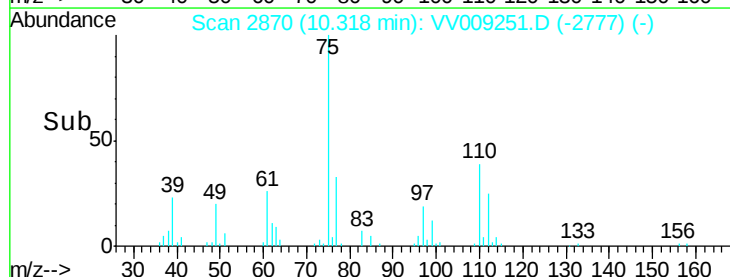
Ion Ratio Lower Upper

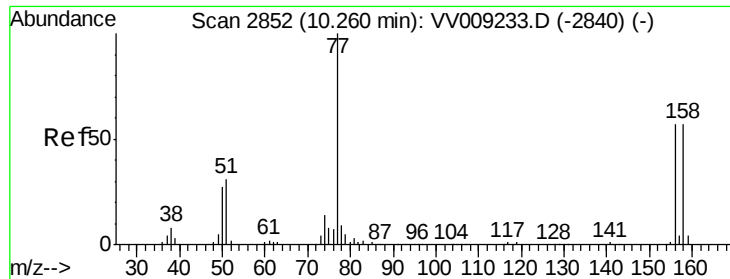
75 100

77 46.8 24.6 73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009251.D (-2777) (-)





#77

Bromobenzene

Concen: 49.515 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

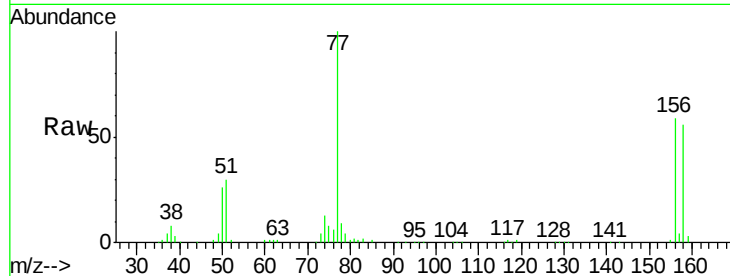
Tot Ion:156 Resp: 55069

Ion Ratio Lower Upper

156 100

77 165.4 86.0 258.0

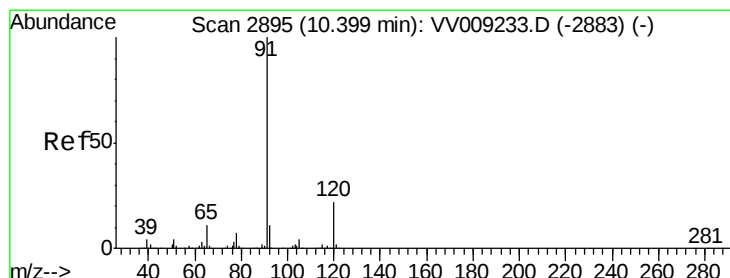
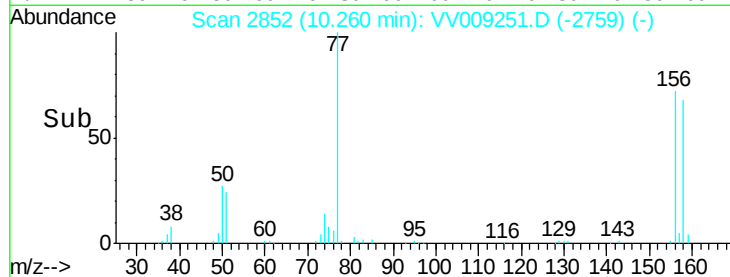
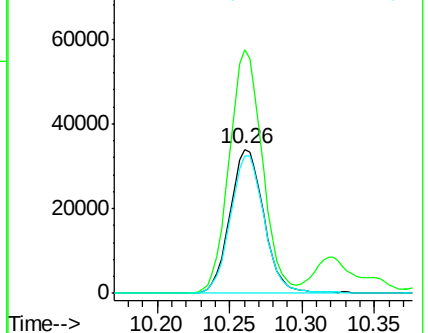
158 96.0 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.581 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009251.D

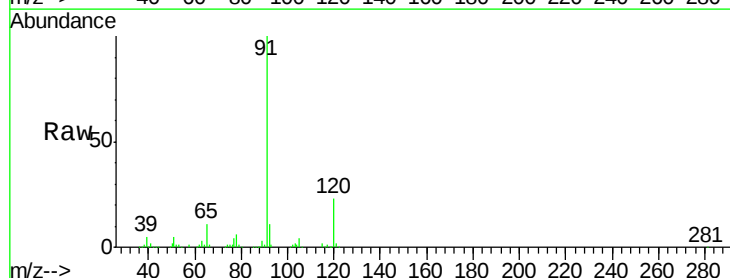
Acq: 23 Jan 2019 17:30

Tgt Ion: 91 Resp: 287131

Ion Ratio Lower Upper

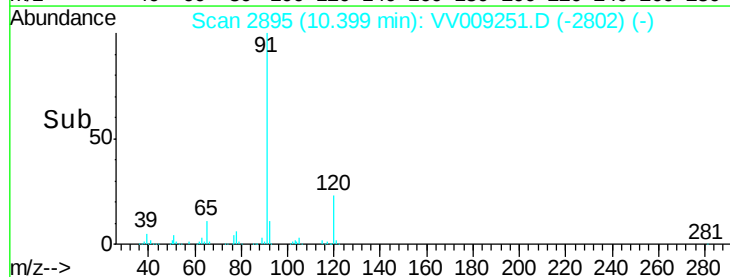
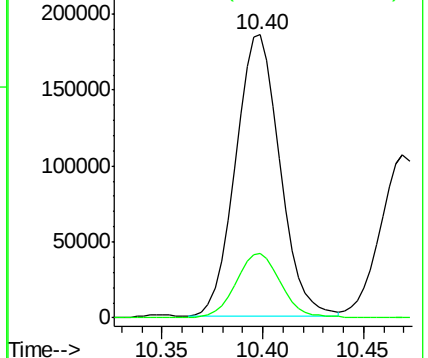
91 100

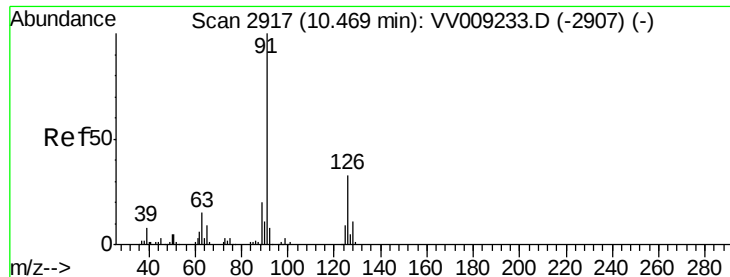
120 23.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

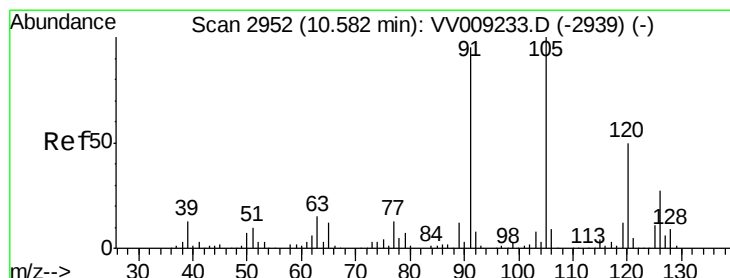
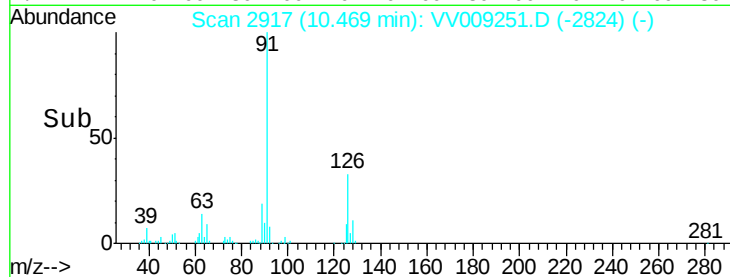
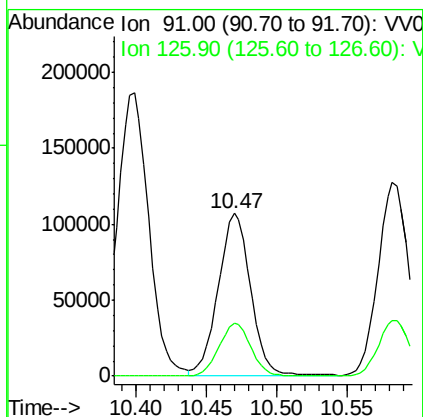
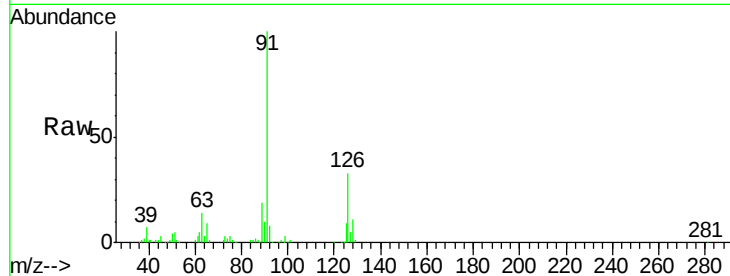
Ion 120.00 (119.70 to 120.70): V





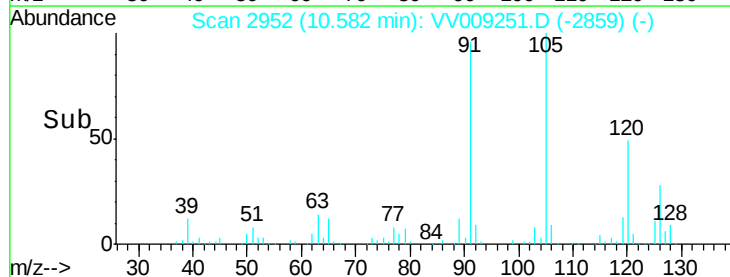
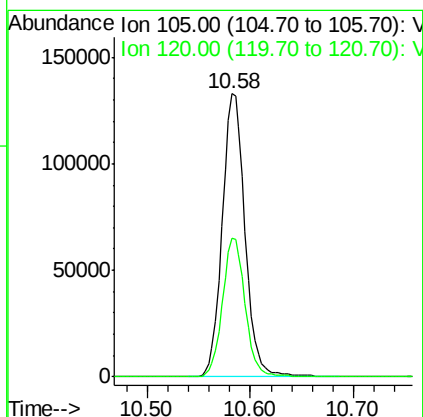
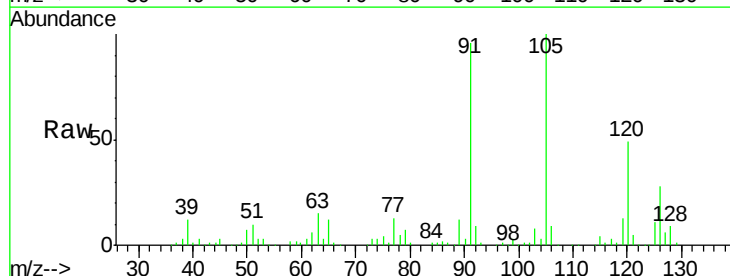
#79
 2-Chlorotoluene
 Concen: 45.543 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

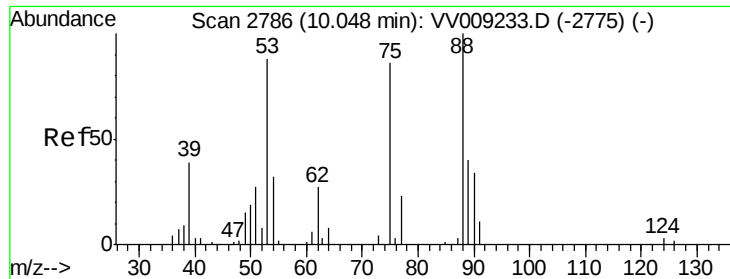
Tot Ion: 91 Resp: 169387
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 46.953 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

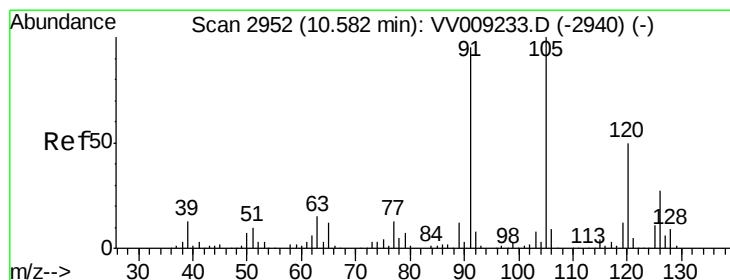
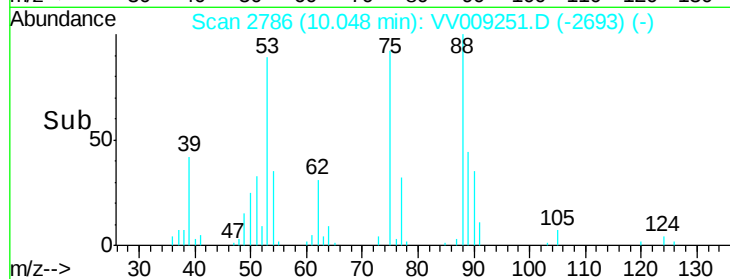
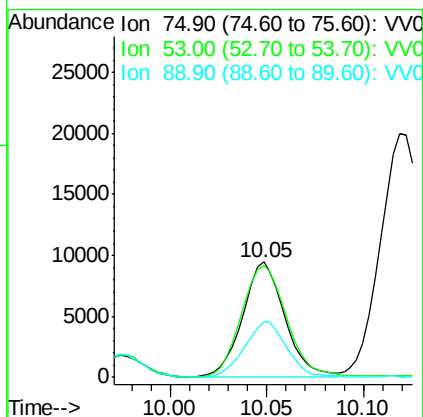
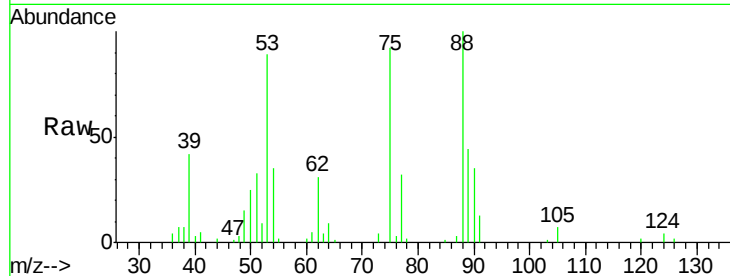
Tgt Ion: 105 Resp: 204745
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 73.0





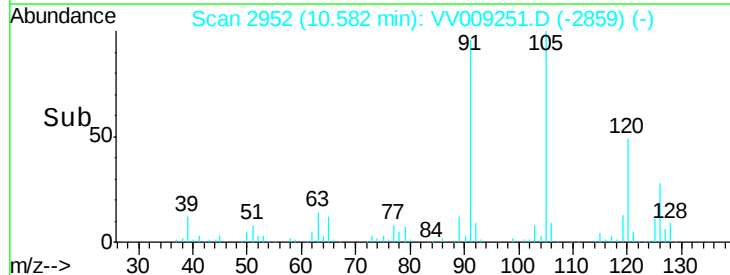
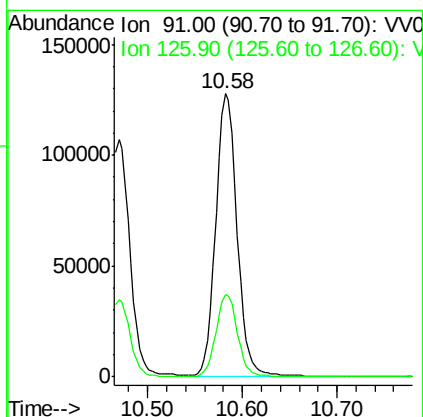
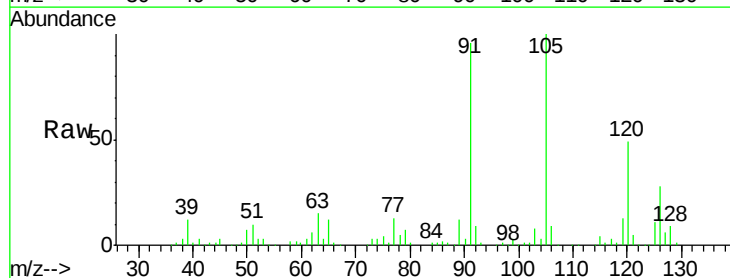
#81
trans-1,4-Dichloro-2-butene
Concen: 59.321 ug/l
RT: 10.05 min Scan# 2786
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

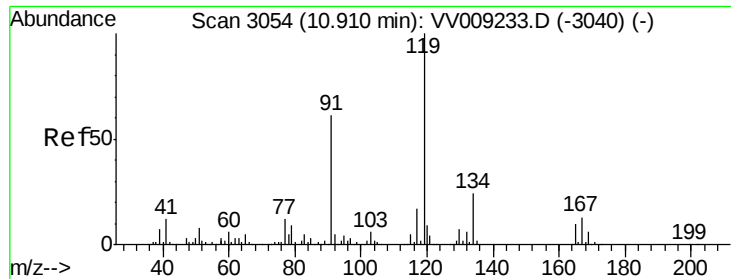
Tot Ion: 75 Resp: 14451
Ion Ratio Lower Upper
75 100
53 104.5 82.1 123.1
89 48.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 46.080 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 91 Resp: 201859
Ion Ratio Lower Upper
91 100
126 29.4 14.3 42.9





#83

tert-Butylbenzene

Concen: 47.698 ug/l

RT: 10.91 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

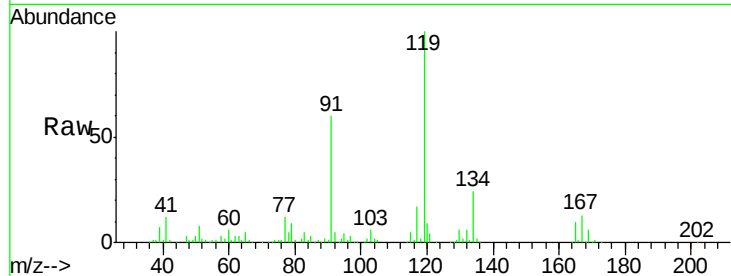
Tot Ion:119 Resp: 198055

Ion	Ratio	Lower	Upper
119	100		
91	58.6	30.0	90.1
134	23.6	11.9	35.7

119 100

91 58.6 30.0 90.1

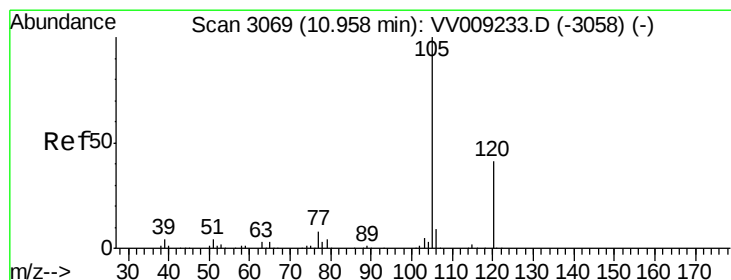
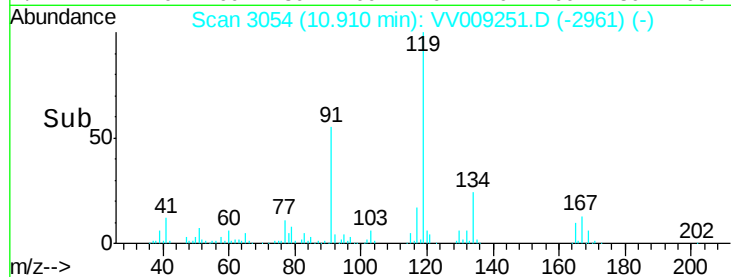
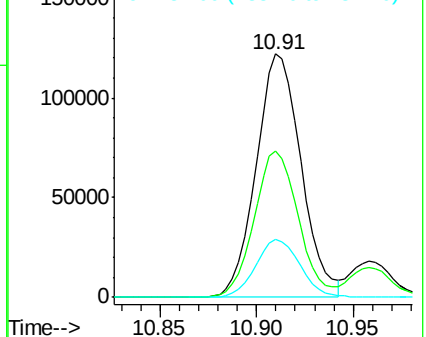
134 23.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.649 ug/l

RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VV009251.D

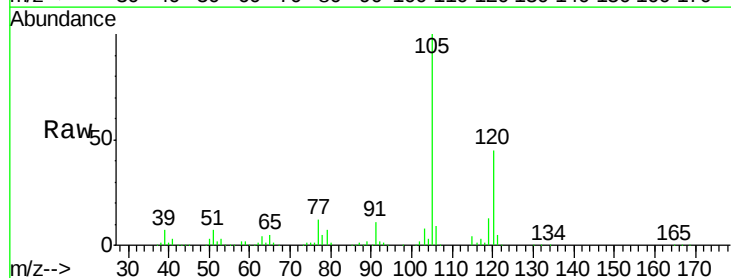
Acq: 23 Jan 2019 17:30

Tgt Ion:105 Resp: 209607

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.7

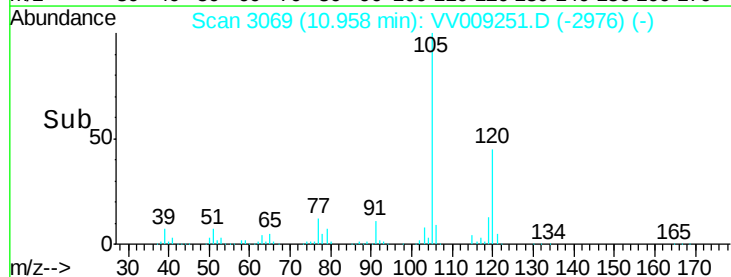
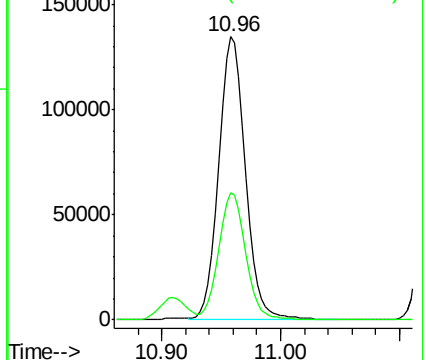
105 100

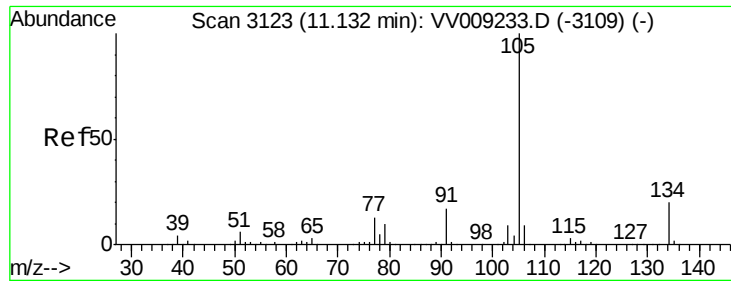
120 45.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

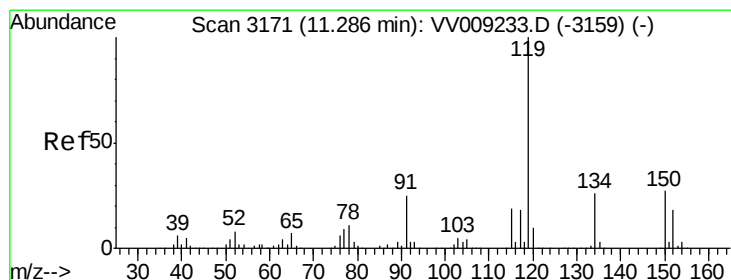
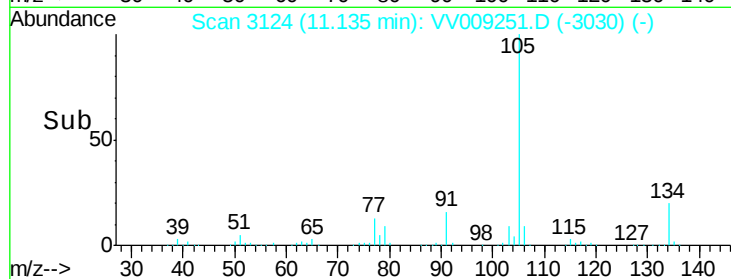
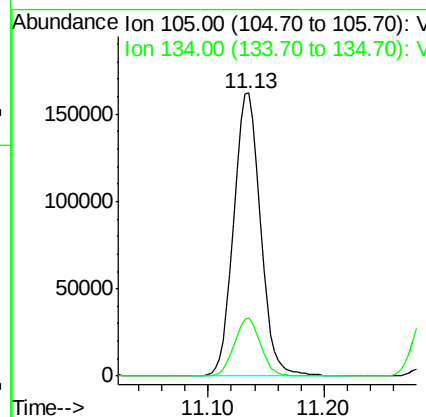
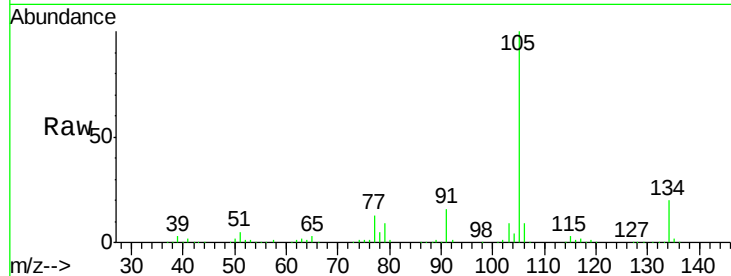
Ion 120.00 (119.70 to 120.70): V





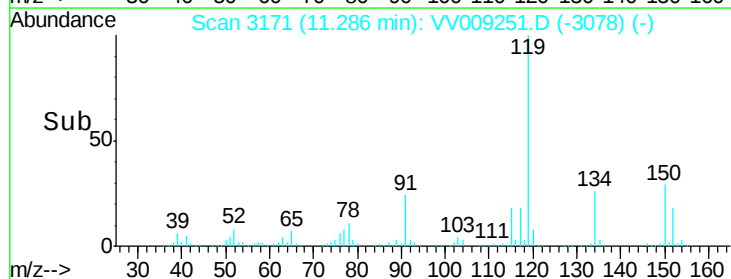
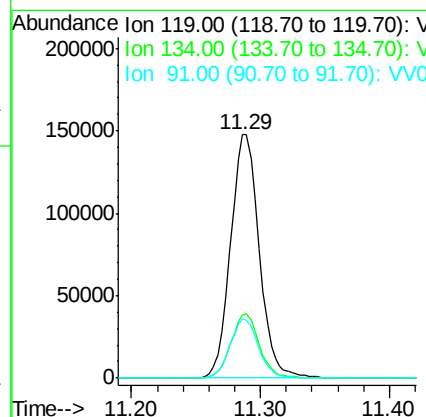
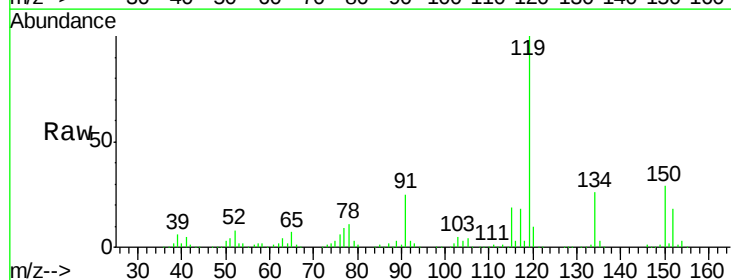
#85
 sec-Butylbenzene
 Concen: 47.353 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

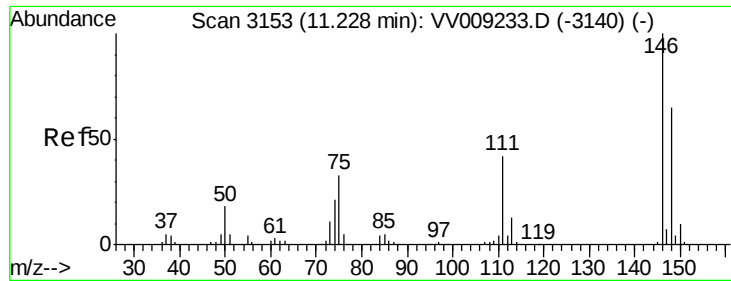
Tot Ion:105 Resp: 257529
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.824 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

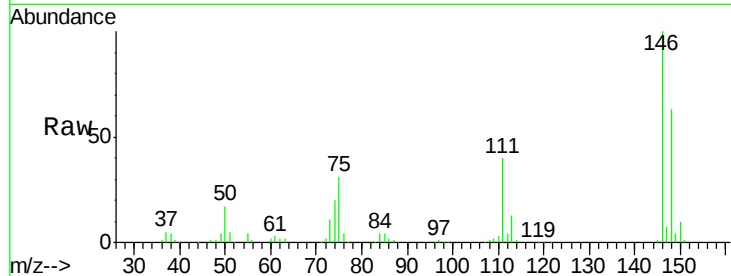
Tgt Ion:119 Resp: 227735
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.2 12.4 37.2



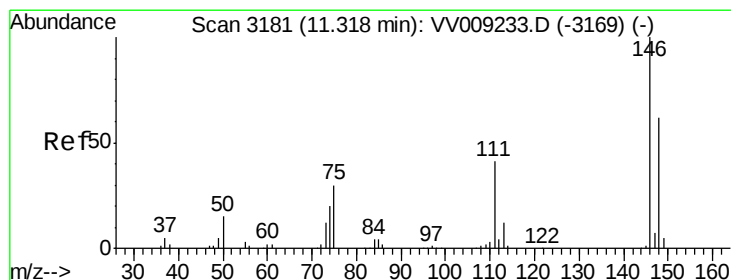
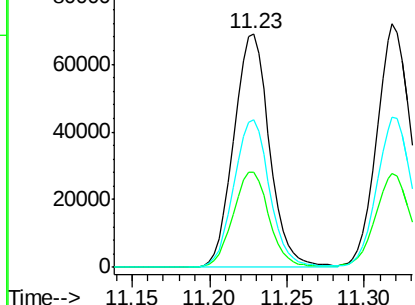
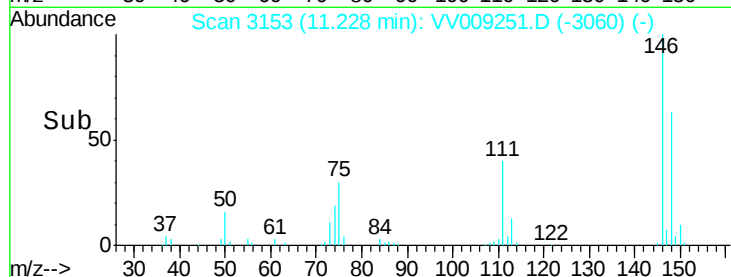


#87
 1,3-Dichlorobenzene
 Concen: 47.830 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.4
148	63.4	32.1	96.3

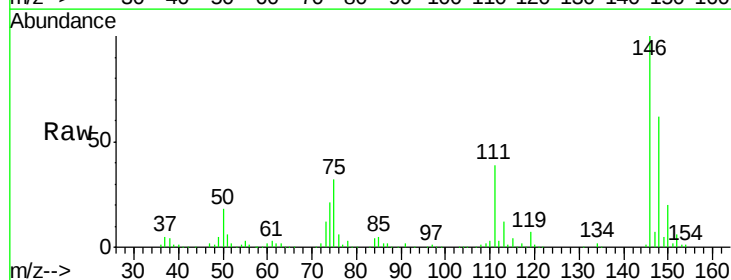


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

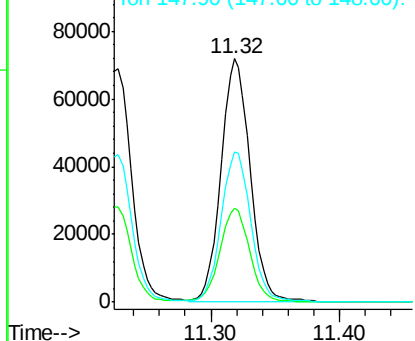
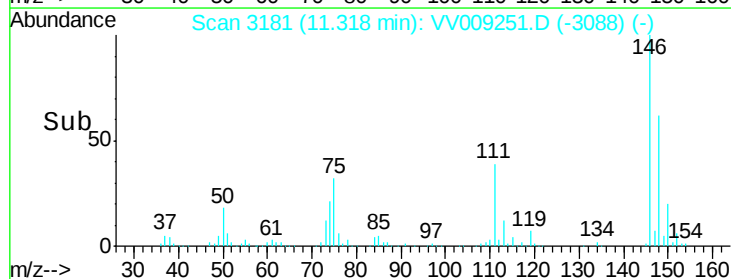


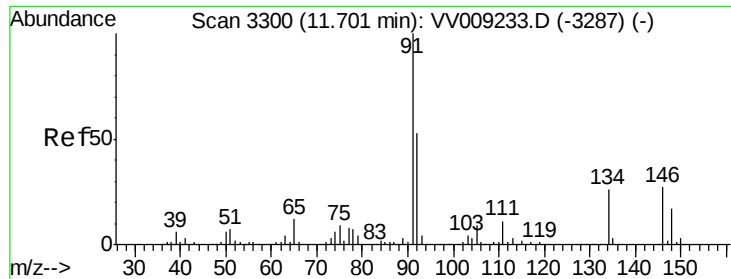
#88
 1,4-Dichlorobenzene
 Concen: 48.435 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.5
148	63.1	31.4	94.3



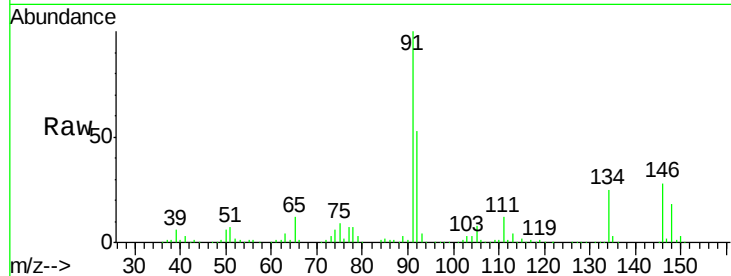
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



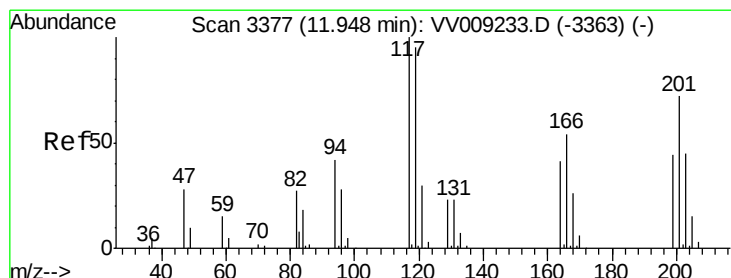
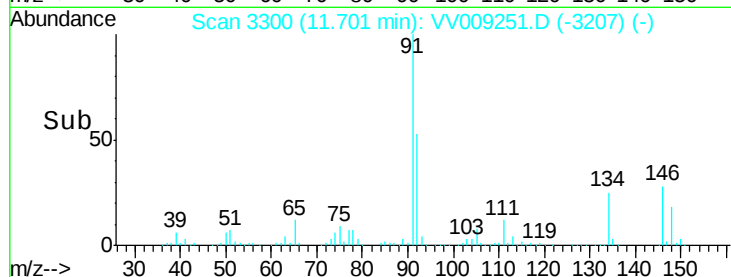
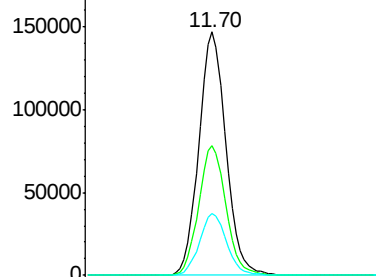


#89
n-Butylbenzene
Concen: 47.630 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tot Ion: 91 Resp: 220156
Ion Ratio Lower Upper
91 100
92 53.4 27.2 81.5
134 25.5 12.6 37.8

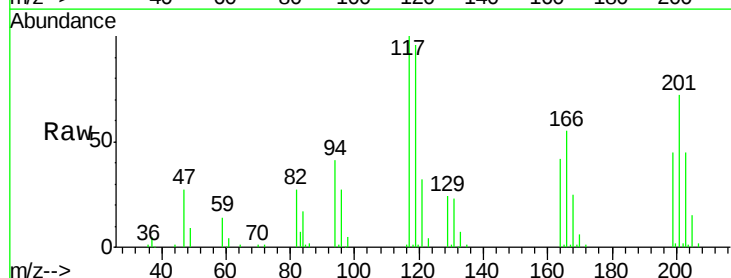


Abundance Ion 91.00 (90.70 to 91.70): VV009251.D (-3287) (-)
Ion 92.00 (91.70 to 92.70): VV009251.D (-3287) (-)
Ion 134.00 (133.70 to 134.70): VV009251.D (-3287) (-)

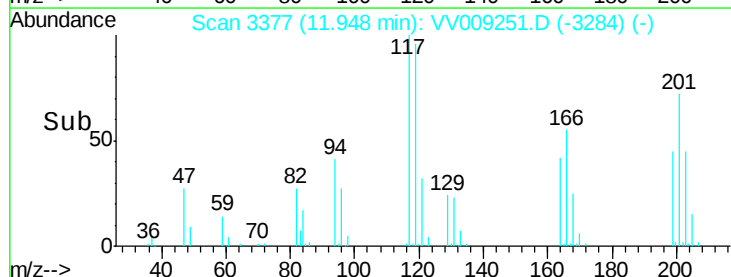
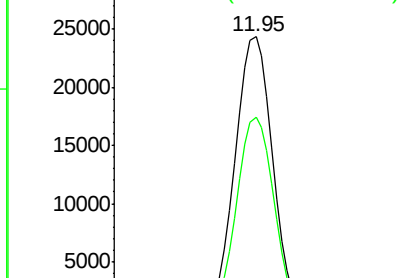


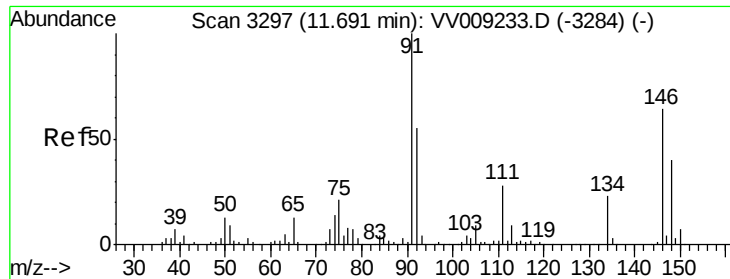
#90
Hexachloroethane
Concen: 47.310 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009251.D
Acq: 23 Jan 2019 17:30

Tgt Ion: 117 Resp: 40062
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6



Abundance Ion 116.80 (116.50 to 117.50): VV009251.D (-3284) (-)
Ion 200.70 (200.40 to 201.40): VV009251.D (-3284) (-)





#91

1,2-Dichlorobenzene

Concen: 49.404 ug/l

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

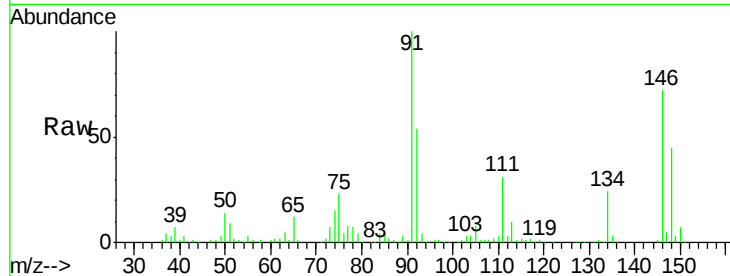
Tot Ion:146 Resp: 100708

Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.8

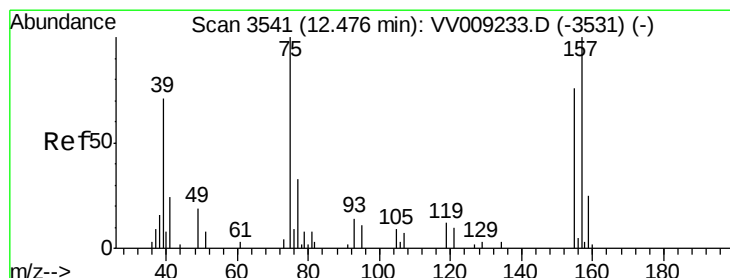
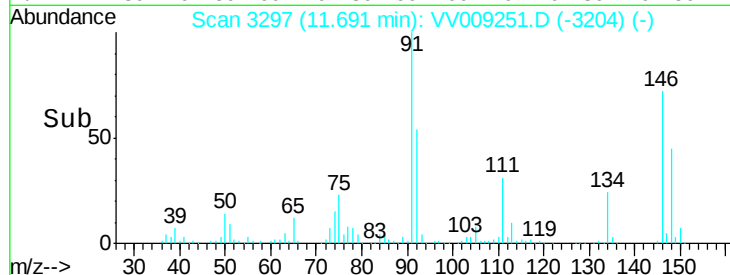
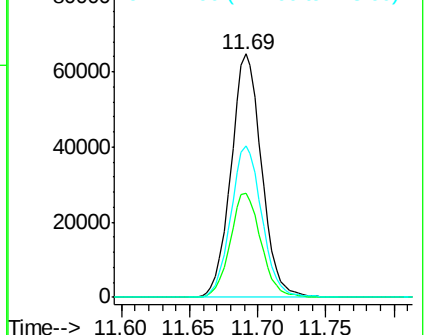
148 63.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.934 ug/l

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

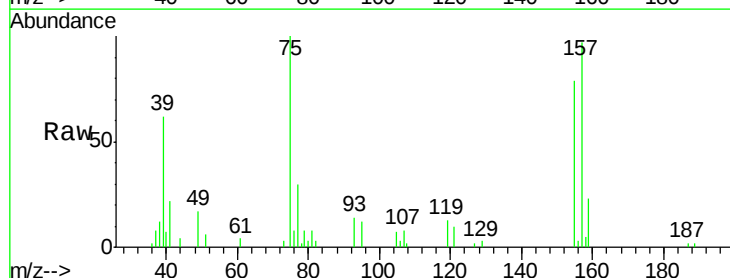
Tgt Ion: 75 Resp: 9556

Ion Ratio Lower Upper

75 100

155 77.4 38.0 114.0

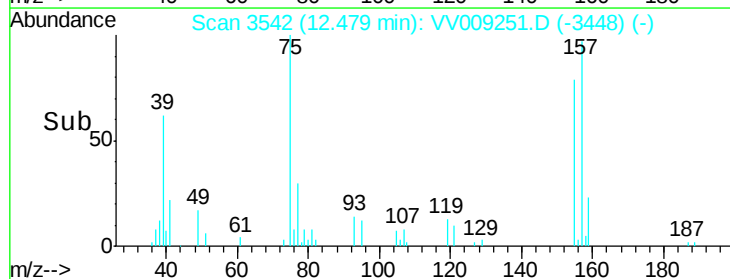
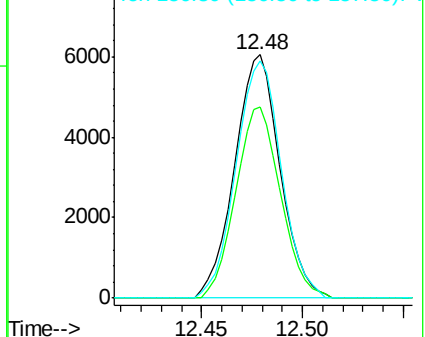
157 97.2 50.8 152.4

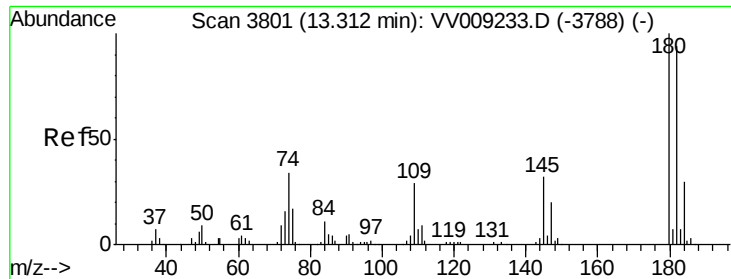


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 154.80 (154.50 to 155.50): V

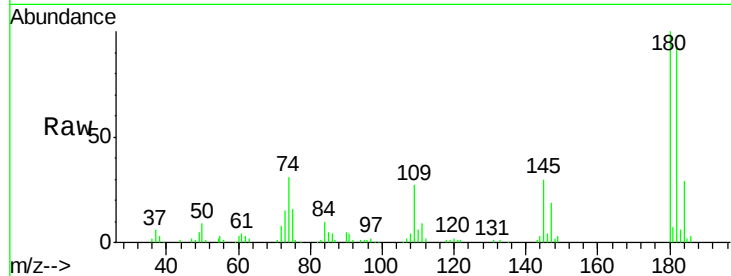
Ion 156.80 (156.50 to 157.50): V



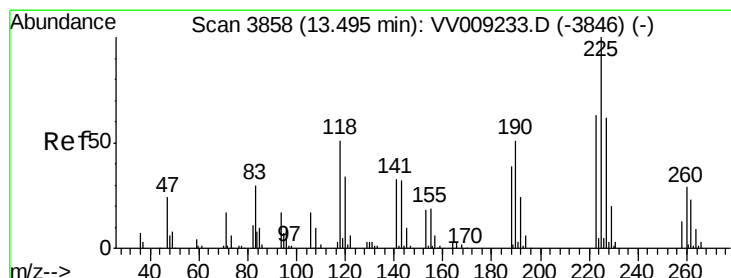
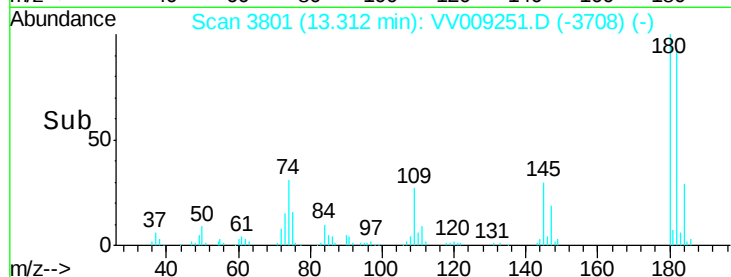
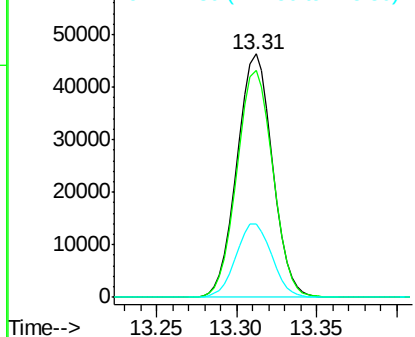


#93
 1,2,4-Trichlorobenzene
 Concen: 53.113 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tot Ion:180 Resp: 69697
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.1 141.4
 145 30.5 16.0 48.0

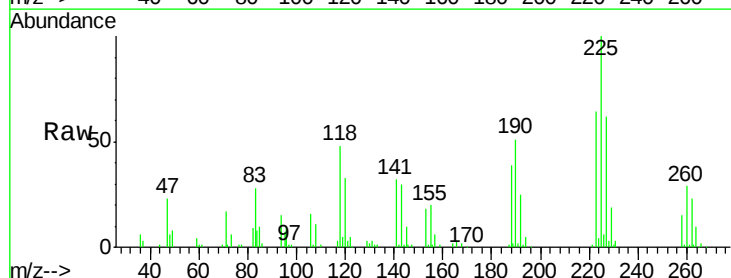


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

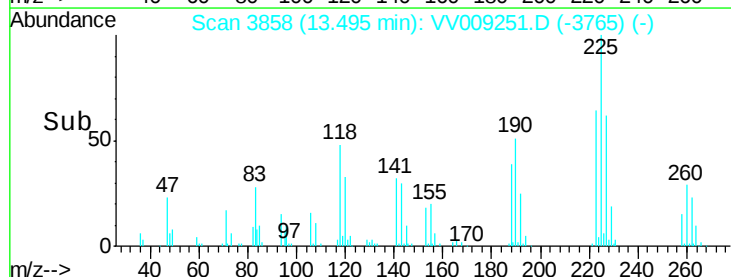
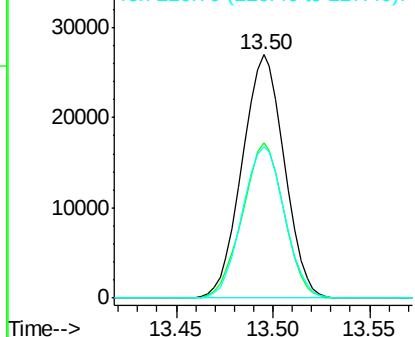


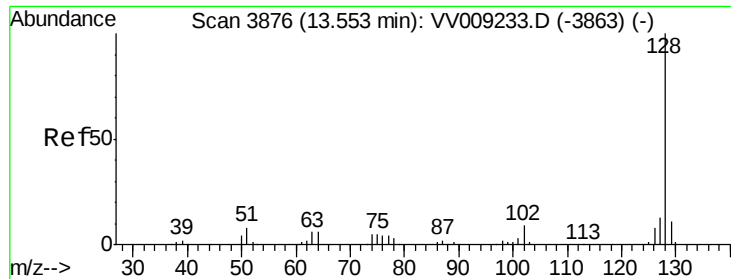
#94
 Hexachlorobutadiene
 Concen: 50.366 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009251.D
 Acq: 23 Jan 2019 17:30

Tgt Ion:225 Resp: 40963
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.7 95.1
 227 62.4 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 62.099 ug/l

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

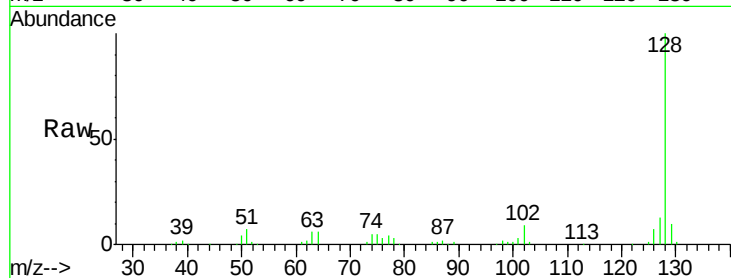
Tot Ion:128 Resp: 140900

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

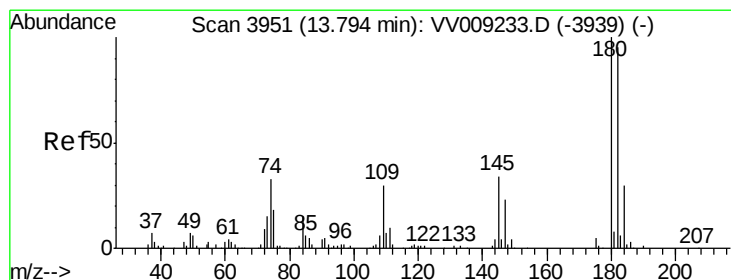
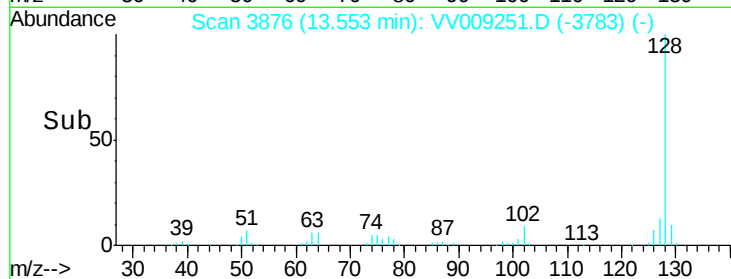
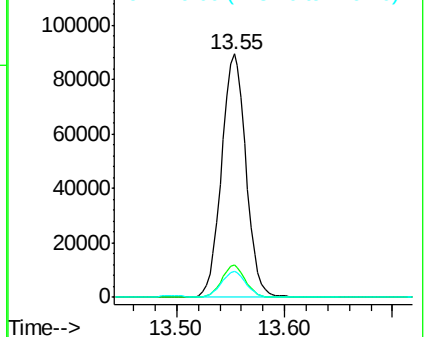
129 10.6 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 54.613 ug/l

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV009251.D

Acq: 23 Jan 2019 17:30

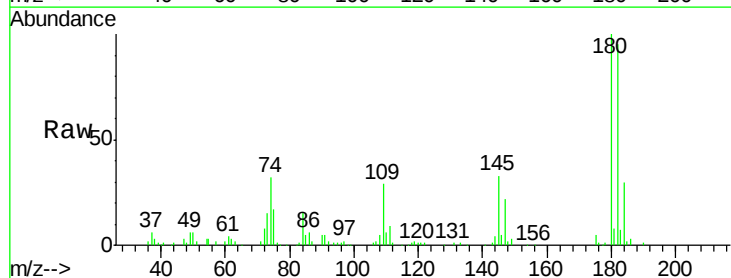
Tgt Ion:180 Resp: 60686

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 33.3 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

