

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009246.D
 Acq On : 23 Jan 2019 14:11
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 04:14:36 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	89325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	155840	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	139902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	68020	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	53113	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	4.63	113	48068	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	7.36	98	184917	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	10.12	95	65412	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	1692	2.342	ug/l	86
3) Chloromethane	1.25	50	2239	2.302	ug/l	94
4) Vinyl Chloride	1.32	62	2268	2.052	ug/l	91
5) Bromomethane	1.53	94	1634	2.607	ug/l	98
6) Chloroethane	1.60	64	1368	2.215	ug/l	97
7) Trichlorofluoromethane	1.76	101	1342	1.730	ug/l	98
8) Diethyl Ether	1.96	74	1126	2.309	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	2.14	101	2227	2.311	ug/l	89
10) Methyl Iodide	2.25	142	3532	2.296	ug/l #	96
11) Tert butyl alcohol	2.65	59	2526	18.577	ug/l #	72
12) 1,1-Dichloroethene	2.14	96	2280	2.410	ug/l	84
13) Acrolein	2.06	56	870	Below Cal		92
14) Allyl chloride	2.42	41	3629	2.226	ug/l	97
15) Acrylonitrile	2.76	53	2665	12.614	ug/l	95
16) Acetone	2.18	43	3894	13.175	ug/l	90
17) Carbon Disulfide	2.31	76	6196	2.141	ug/l #	93
18) Methyl Acetate	2.44	43	2545	3.224	ug/l #	87
19) Methyl tert-butyl Ether	2.80	73	3546	2.415	ug/l	91
20) Methylene Chloride	2.52	84	6435	2.690	ug/l	94
21) trans-1,2-Dichloroethene	2.78	96	2092	2.052	ug/l	98
22) Diisopropyl ether	3.32	45	7697	2.217	ug/l	93
23) Vinyl Acetate	3.30	43	19701	10.457	ug/l	95
24) 1,1-Dichloroethane	3.22	63	4714	2.182	ug/l	96
25) 2-Butanone	4.02	43	3601	10.655	ug/l	94
26) 2,2-Dichloropropane	3.94	77	2251	1.852	ug/l	95
27) cis-1,2-Dichloroethene	3.95	96	2740	2.224	ug/l	90
28) Bromochloromethane	4.29	49	1597	2.003	ug/l #	98
29) Tetrahydrofuran	4.39	42	2188	11.903	ug/l	93
30) Chloroform	4.42	83	4834	2.228	ug/l	92
31) Cyclohexane	4.72	56	5889	2.986	ug/l #	77
32) 1,1,1-Trichloroethane	4.65	97	3859	2.110	ug/l	96
36) 1,1-Dichloropropene	4.87	75	3986	2.304	ug/l	92
37) Ethyl Acetate	4.13	43	1415	2.128	ug/l #	67
38) Carbon Tetrachloride	4.86	117	3227	1.863	ug/l	85

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

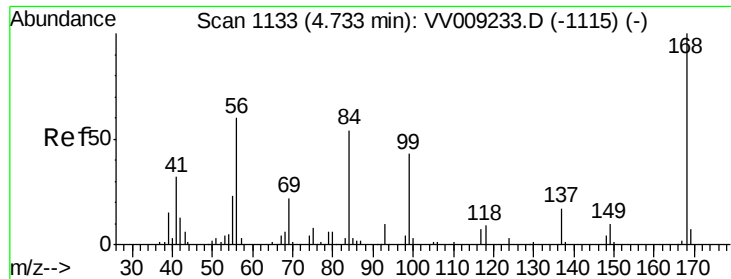
39) Methylcyclohexane	6.17	83	4304	2.101	ug/l	93
40) Benzene	5.14	78	10485	2.167	ug/l	98
41) Methacrylonitrile	4.30	41	853	2.128	ug/l #	78
42) 1,2-Dichloroethane	5.17	62	3195	2.110	ug/l	81
43) Isopropyl Acetate	5.32	43	2949	2.255	ug/l #	88
44) Trichloroethene	5.96	130	2639	2.072	ug/l	94
45) 1,2-Dichloropropane	6.22	63	2437	2.094	ug/l	96
46) Dibromomethane	6.35	93	1206	2.019	ug/l	92
47) Bromodichloromethane	6.55	83	3135	1.986	ug/l	94
48) Methyl methacrylate	6.42	41	1342	2.011	ug/l	89
49) 1,4-Dioxane	6.41	88	232	30.492	ug/l #	19
51) 4-Methyl-2-Pentanone	7.27	43	7237	10.902	ug/l	99
52) Toluene	7.43	92	6656	2.174	ug/l	98
53) t-1,3-Dichloropropene	7.69	75	2989	1.946	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	3211	1.815	ug/l	92
55) 1,1,2-Trichloroethane	7.88	97	1762	2.094	ug/l	94
56) Ethyl methacrylate	7.83	69	1963	2.002	ug/l	97
57) 1,3-Dichloropropane	8.06	76	3240	2.126	ug/l	95
59) 2-Hexanone	8.19	43	4881	10.166	ug/l	88
60) Dibromochloromethane	8.29	129	1897	1.925	ug/l	94
61) 1,2-Dibromoethane	8.40	107	1578	1.917	ug/l	99
64) Tetrachloroethene	8.02	164	2247	2.257	ug/l	91
65) Chlorobenzene	8.92	112	7154	2.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	2433	2.187	ug/l	93
67) Ethyl Benzene	9.05	91	12067	2.081	ug/l	100
68) m/p-Xylenes	9.18	106	9118	4.142	ug/l	95
69) o-Xylene	9.59	106	3957	1.939	ug/l	93
70) Stvrene	9.60	104	6306	1.936	ug/l	95
71) Bromoform	9.77	173	906	1.727	ug/l #	91
73) Isopropylbenzene	9.97	105	11262	2.005	ug/l	98
74) N-amyl acetate	9.84	43	2015	1.940	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	10.29	83	2141	2.261	ug/l	91
76) 1,2,3-Trichloropropane	10.32	75	1845m	2.477	ug/l	
77) Bromobenzene	10.26	156	2692	2.241	ug/l	94
78) n-propylbenzene	10.40	91	14468	2.173	ug/l	98
79) 2-Chlorotoluene	10.47	91	8925	2.221	ug/l	93
80) 1,3,5-Trimethylbenzene	10.58	105	9475	2.011	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.04	75	394m	1.497	ug/l	
82) 4-Chlorotoluene	10.58	91	9969	2.107	ug/l	97
83) tert-Butylbenzene	10.91	119	9294	2.072	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	9432	1.985	ug/l	99
85) sec-Butylbenzene	11.13	105	11919	2.029	ug/l	100
86) p-Isopropyltoluene	11.29	119	10266	1.996	ug/l	96
87) 1,3-Dichlorobenzene	11.23	146	5551	2.225	ug/l	96
88) 1,4-Dichlorobenzene	11.32	146	6267	2.485	ug/l	87
89) n-Butylbenzene	11.70	91	10248	2.052	ug/l	99
90) Hexachloroethane	11.95	117	1871	2.045	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	4994	2.268	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	260	1.635	ug/l	94
93) 1,2,4-Trichlorobenzene	13.31	180	3118	2.200	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.50	225	2119	2.412	ug/l	96
95) Naphthalene	13.56	128	5032	2.053	ug/l	96
96) 1,2,3-Trichlorobenzene	13.80	180	2750	2.291	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009246.D

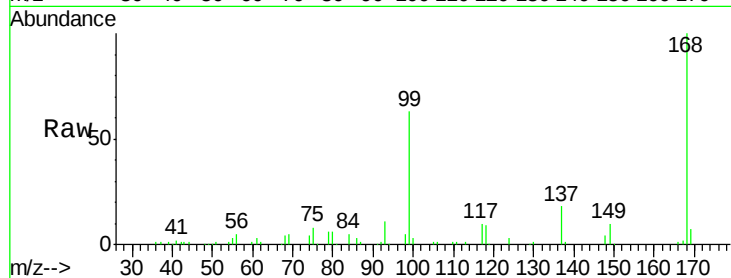
Acq: 23 Jan 2019 14:11

Tot Ion:168 Resp: 89325

Ion Ratio Lower Upper

168 100

99 62.2 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

40000

30000

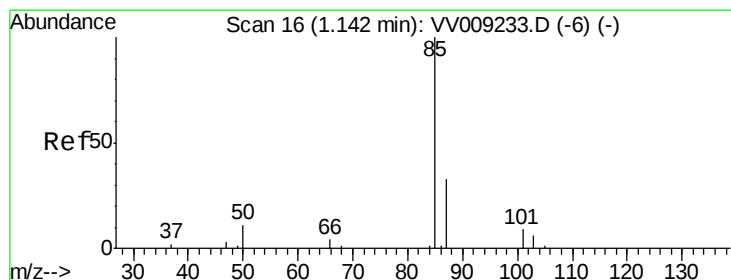
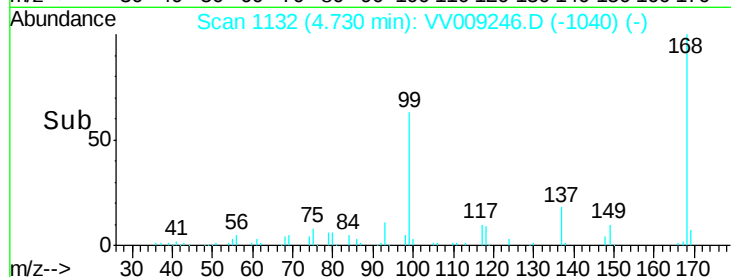
20000

10000

0

4.60 4.70 4.80 4.90

Time-->



#2

Dichlorodifluoromethane

Concen: 2.342 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009246.D

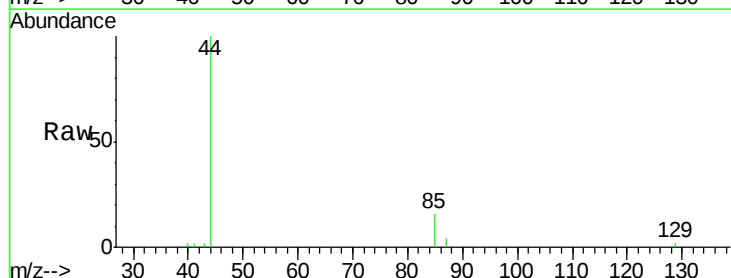
Acq: 23 Jan 2019 14:11

Tgt Ion: 85 Resp: 1692

Ion Ratio Lower Upper

85 100

87 25.4 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

1000

800

600

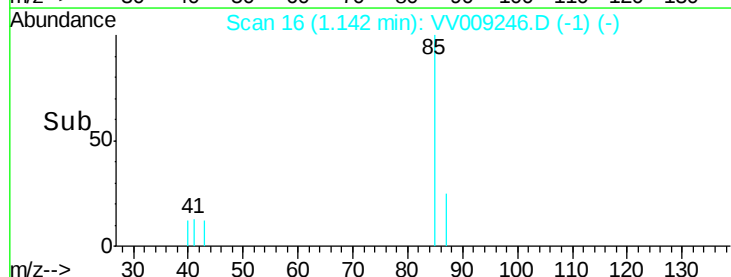
400

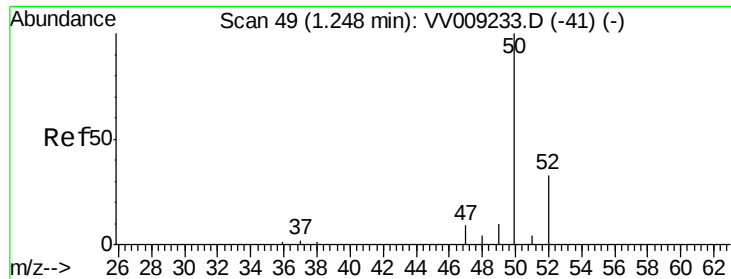
200

0

1.10 1.15 1.20

Time-->





#3

Chloromethane

Concen: 2.302 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009246.D

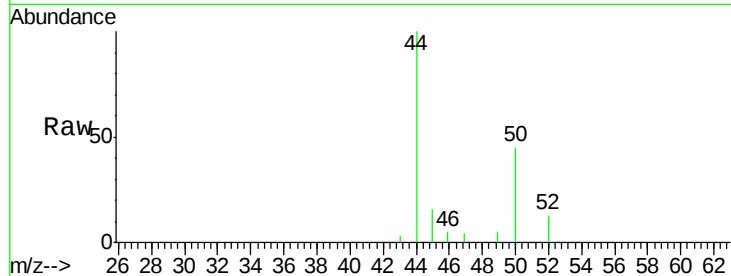
Acq: 23 Jan 2019 14:11

Tot Ion: 50 Resp: 2239

Ion Ratio Lower Upper

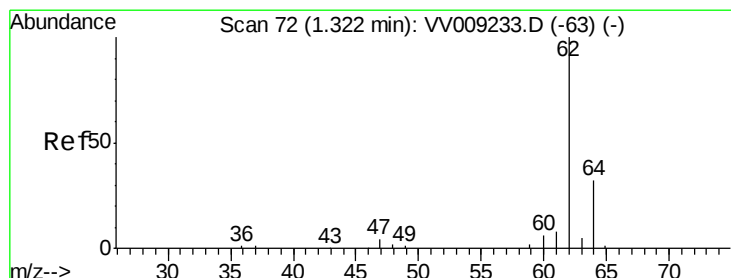
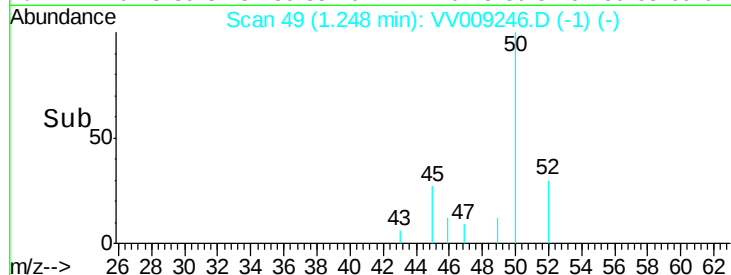
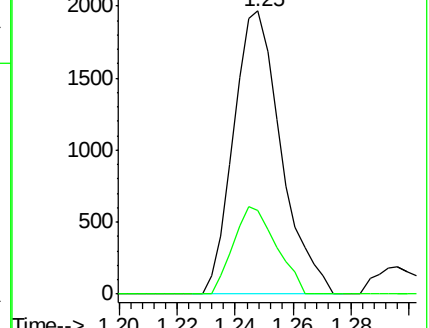
50 100

52 29.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009233.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VV009246.D (-1) (-)



#4

Vinyl Chloride

Concen: 2.052 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009246.D

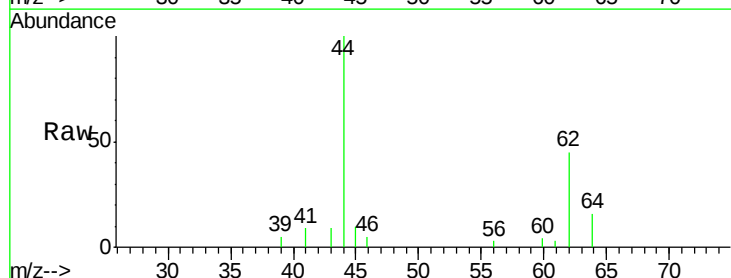
Acq: 23 Jan 2019 14:11

Tgt Ion: 62 Resp: 2268

Ion Ratio Lower Upper

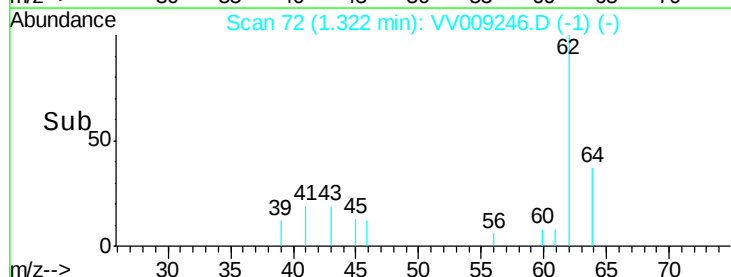
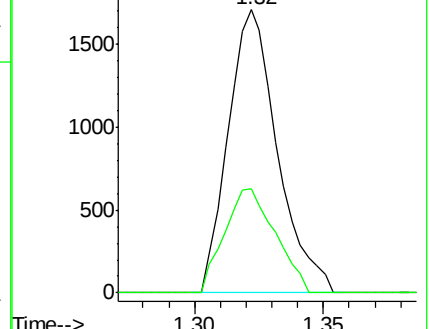
62 100

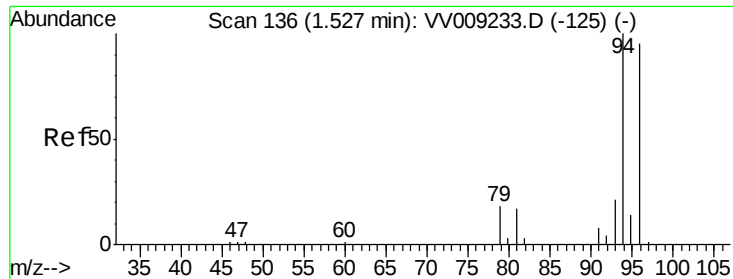
64 36.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VV009233.D (-63) (-)

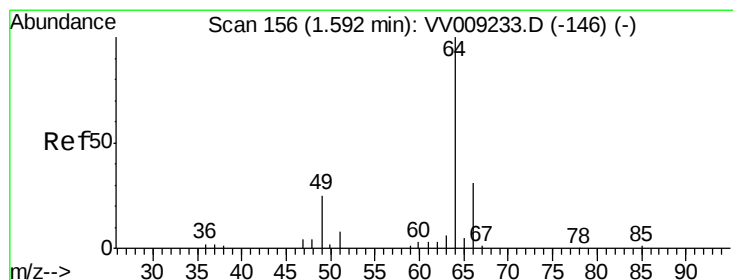
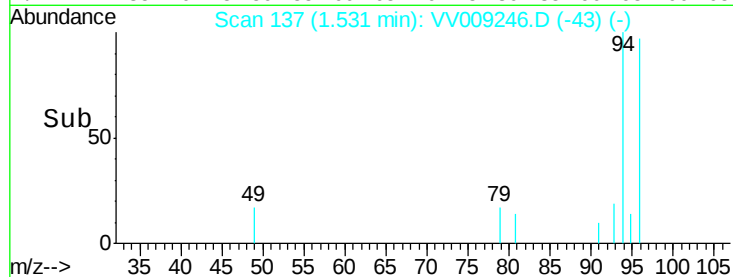
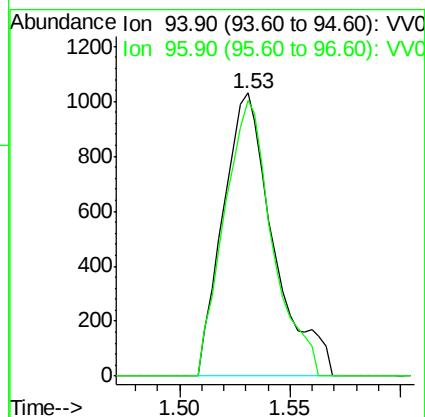
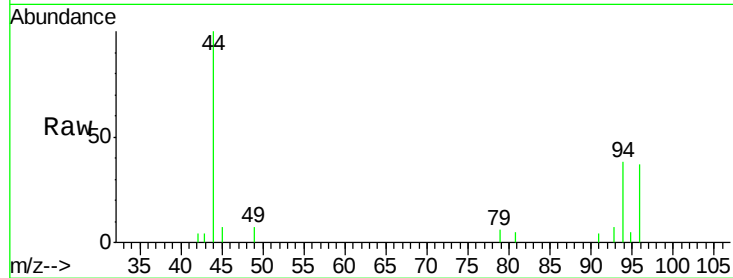
Ion 63.90 (63.60 to 64.60): VV009246.D (-1) (-)





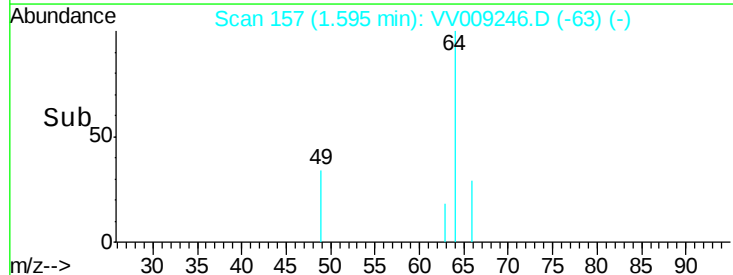
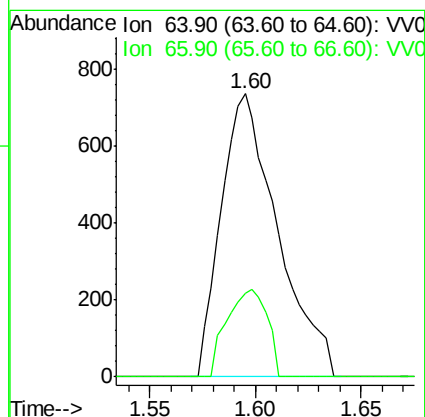
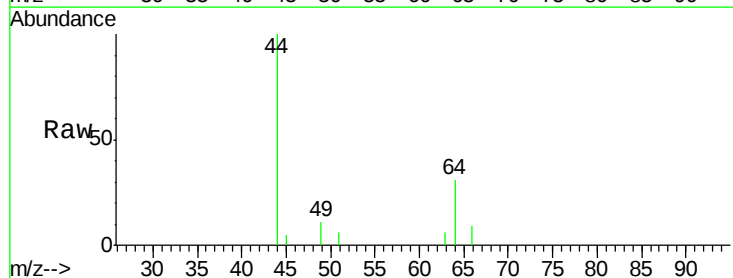
#5
Bromomethane
Concen: 2.607 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

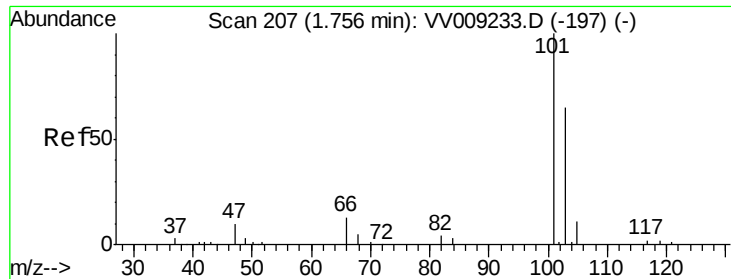
Tot Ion: 94 Resp: 1634
Ion Ratio Lower Upper
94 100
96 97.4 76.3 114.5



#6
Chloroethane
Concen: 2.215 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 64 Resp: 1368
Ion Ratio Lower Upper
64 100
66 29.5 25.1 37.7

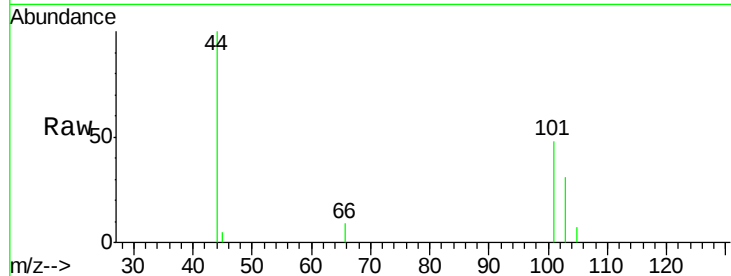




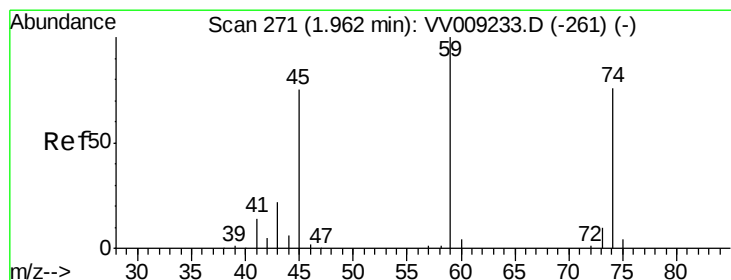
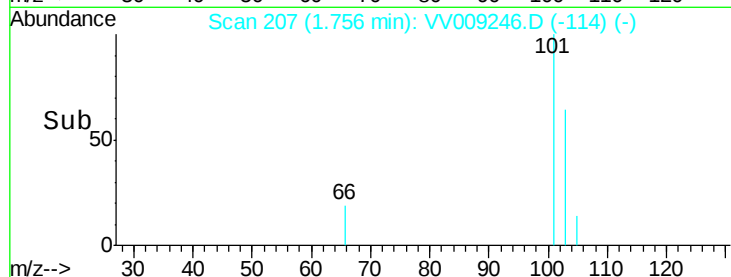
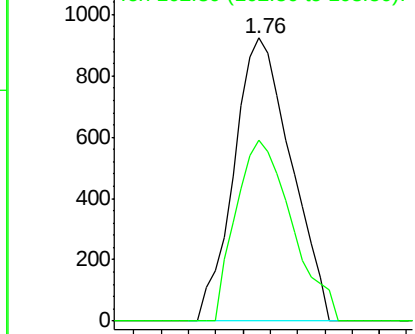
#7

Trichlorofluoromethane
 Concen: 1.730 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tot Ion:101 Resp: 1342
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4



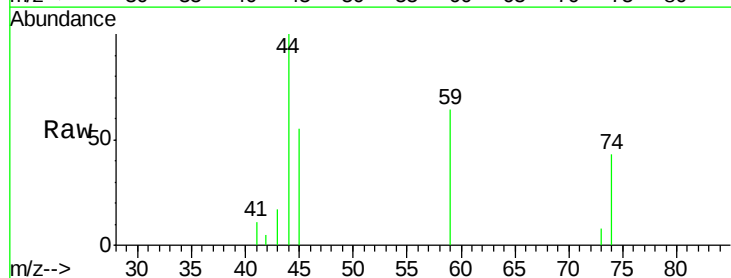
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



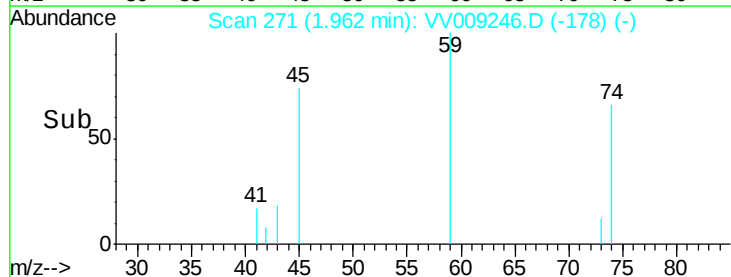
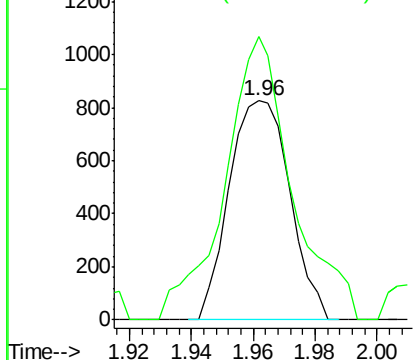
#8

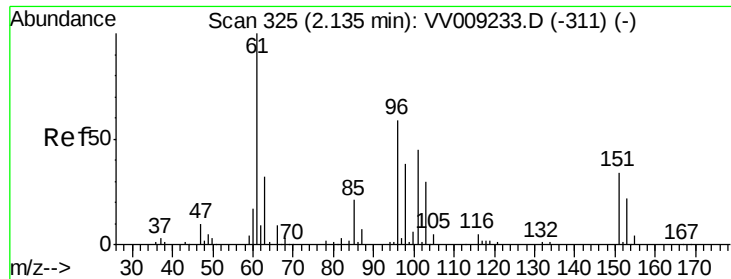
Diethyl Ether
 Concen: 2.309 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion: 74 Resp: 1126
 Ion Ratio Lower Upper
 74 100
 45 143.5 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: 2.311 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

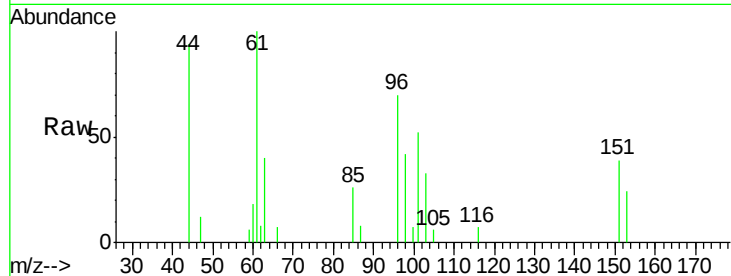
Tot Ion:101 Resp: 2227

Ion	Ratio	Lower	Upper
101	100		
85	39.4	35.3	52.9
151	64.3	60.1	90.1

101 100

85 39.4 35.3 52.9

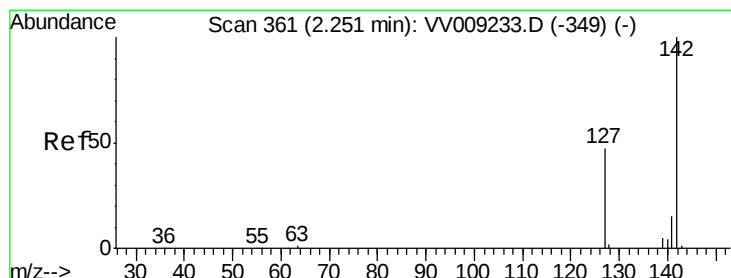
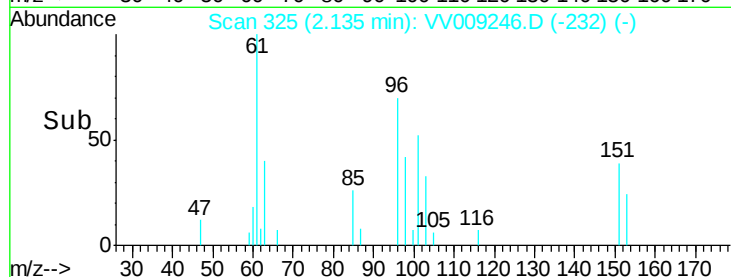
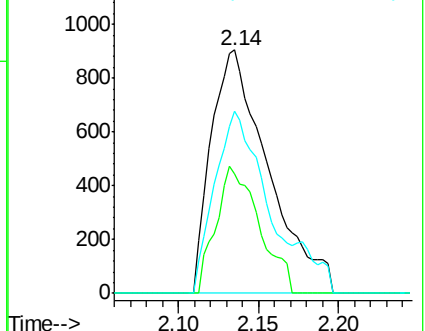
151 64.3 60.1 90.1



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



#10

Methyl Iodide

Concen: 2.296 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

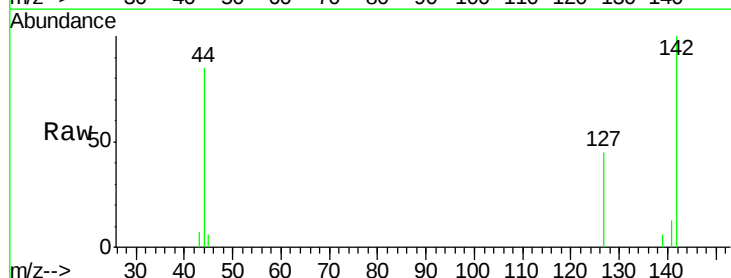
Tgt Ion:142 Resp: 3532

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.9	56.9
141	9.8	11.7	17.5

142 100

127 46.5 37.9 56.9

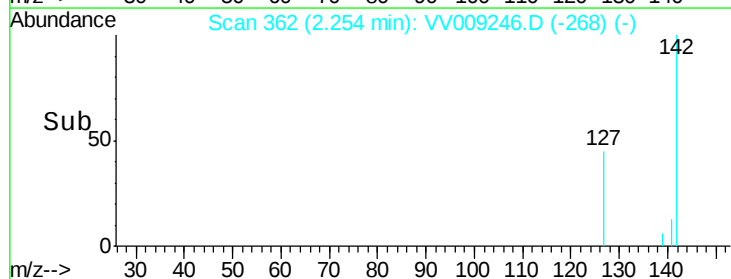
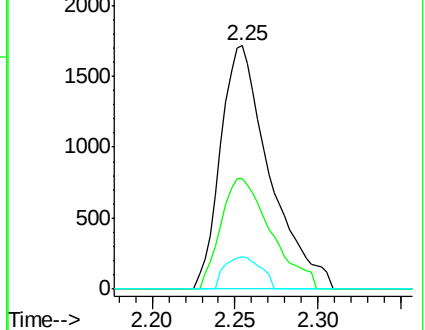
141 9.8 11.7 17.5#

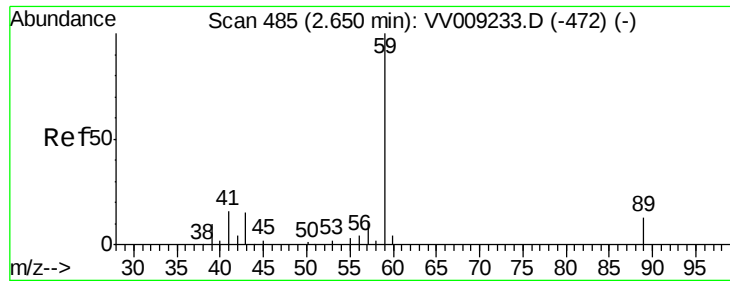


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

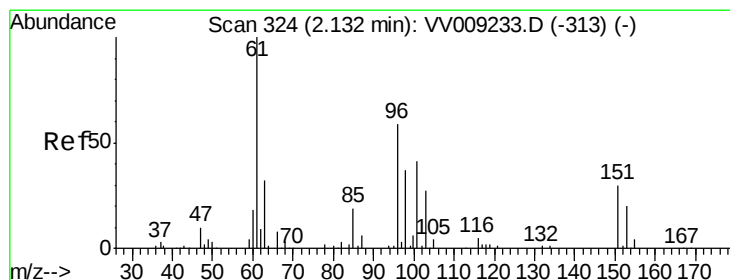
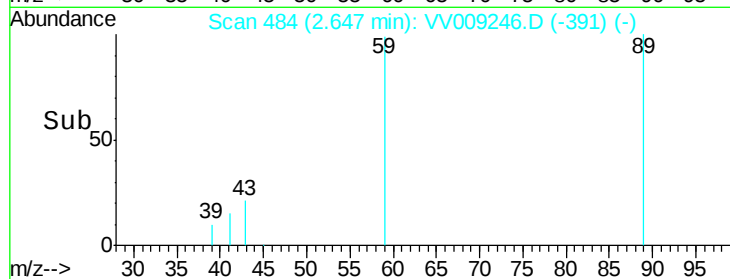
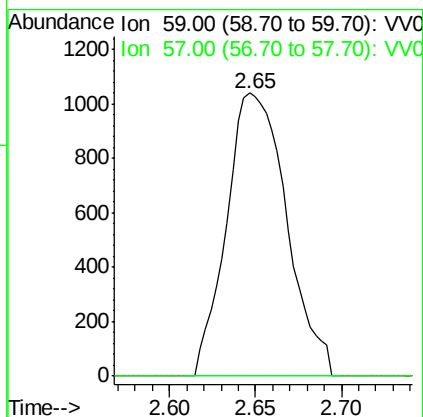
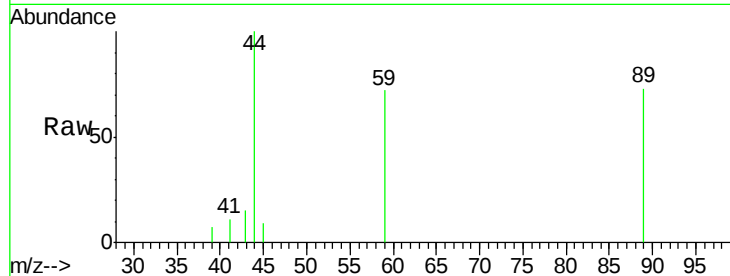
Ion 140.80 (140.50 to 141.50): V





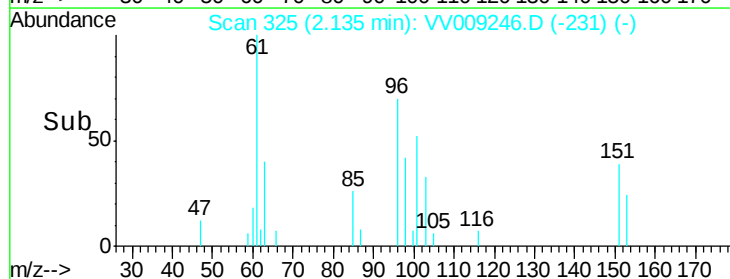
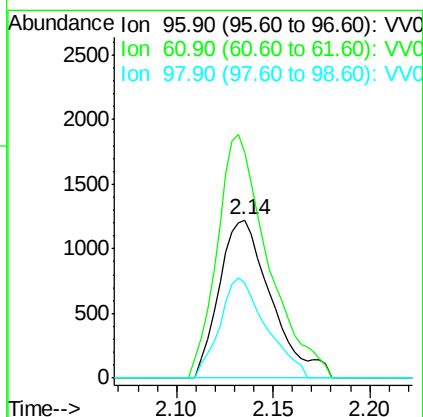
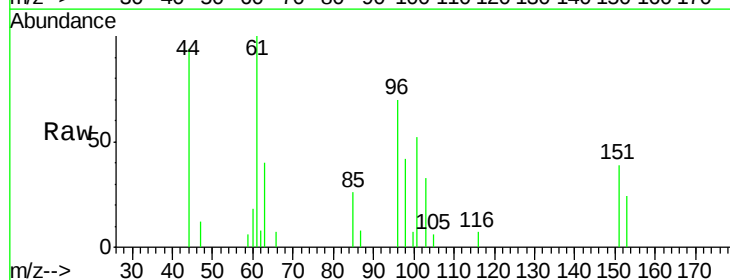
#11
Tert butyl alcohol
Concen: 18.577 ug/l
RT: 2.65 min Scan# 484
Delta R.T. -0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

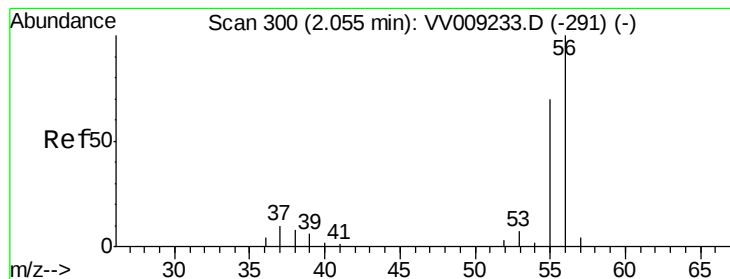
Tot Ion: 59 Resp: 2526
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 2.410 ug/l
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 96 Resp: 2280
Ion Ratio Lower Upper
96 100
61 142.8 136.6 205.0
98 60.1 50.6 75.8





#13

Acrolein

Concen: Below Cal

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009246.D

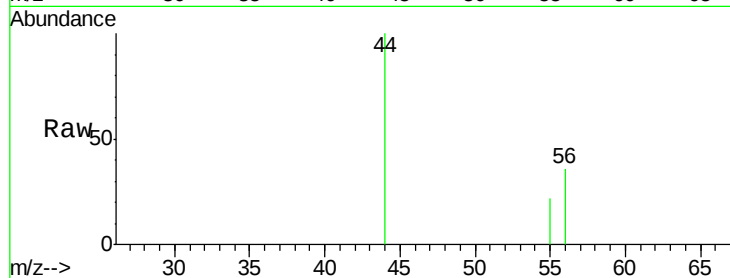
Acq: 23 Jan 2019 14:11

Tot Ion: 56 Resp: 870

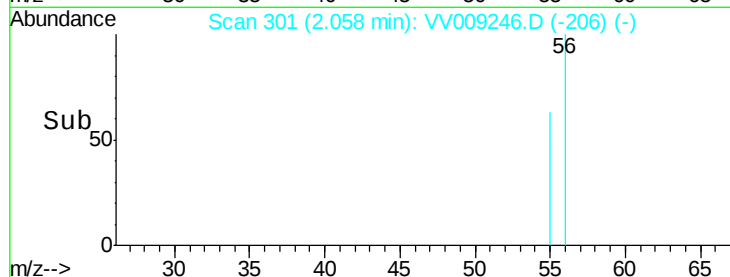
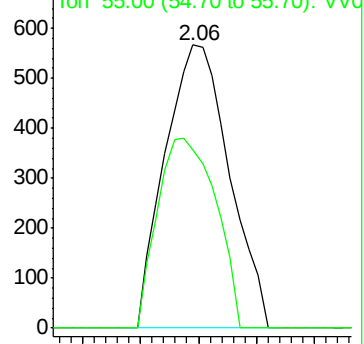
Ion Ratio Lower Upper

56 100

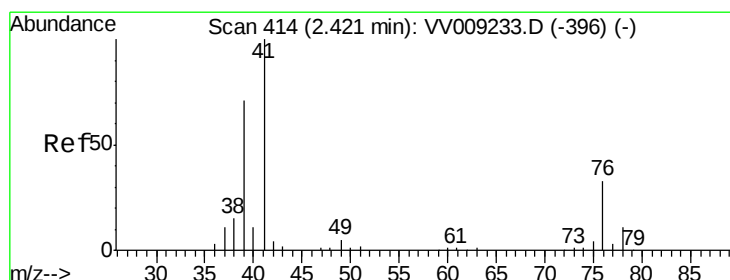
55 61.0 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009246.D (-206) (-)



Time-->



#14

Allyl chloride

Concen: 2.226 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

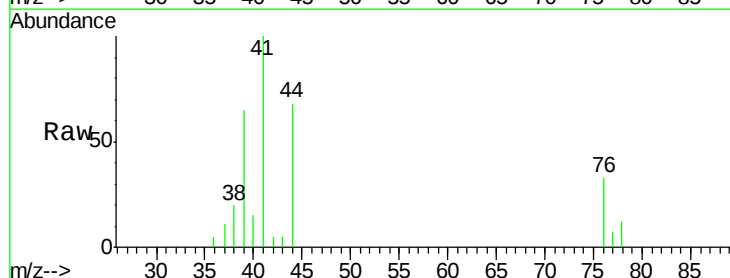
Tgt Ion: 41 Resp: 3629

Ion Ratio Lower Upper

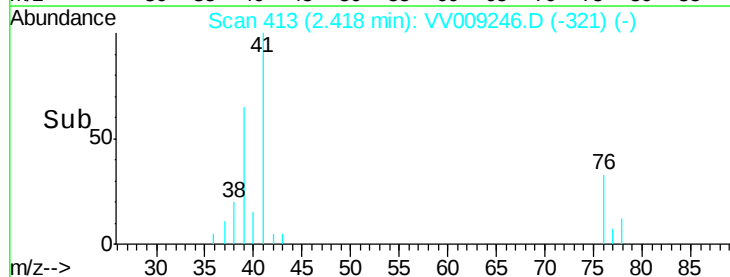
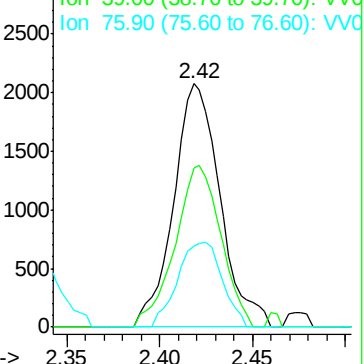
41 100

39 65.4 55.1 82.7

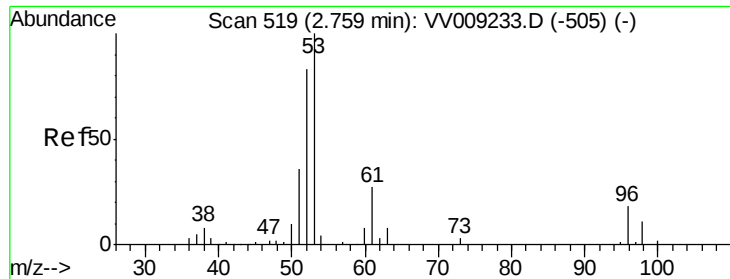
76 33.4 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009246.D (-321) (-)



Time-->



#15

Acrylonitrile

Concen: 12.614 ug/l

RT: 2.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

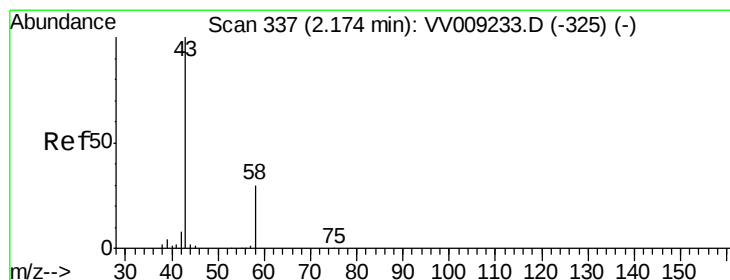
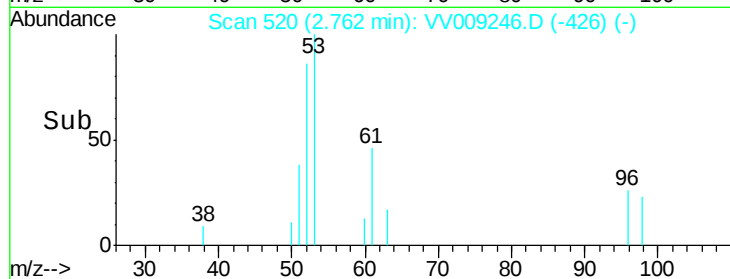
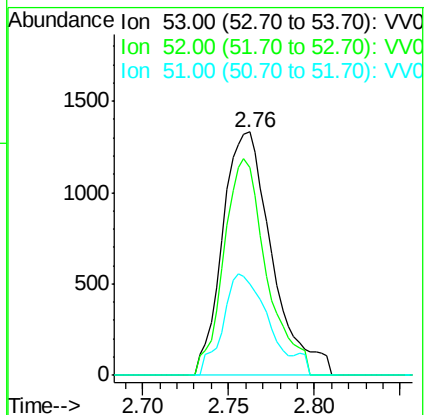
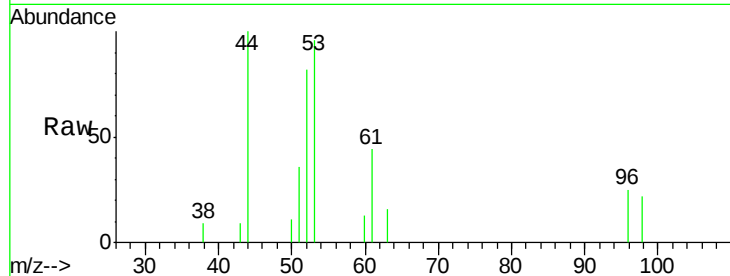
Tot Ion: 53 Resp: 2665

Ion Ratio Lower Upper

53 100

52 77.0 65.3 97.9

51 38.8 29.0 43.4



#16

Acetone

Concen: 13.175 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009246.D

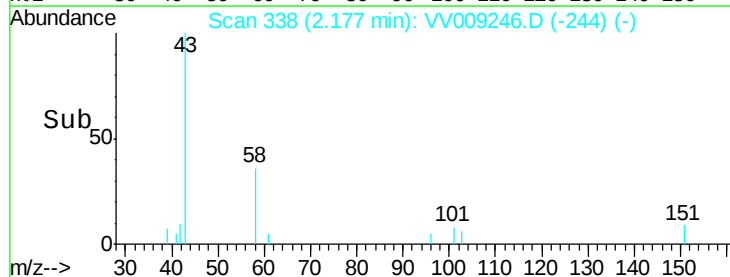
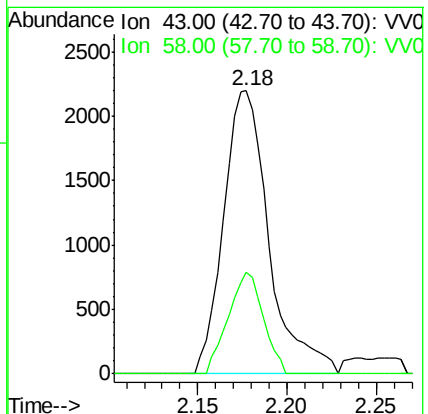
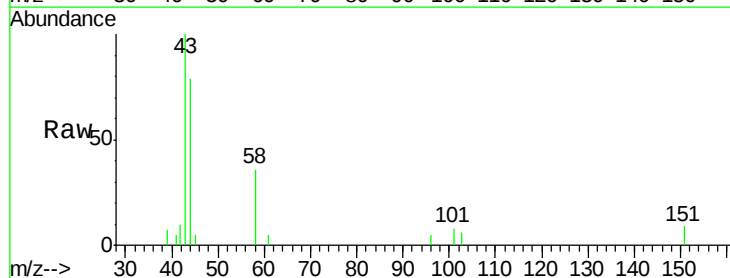
Acq: 23 Jan 2019 14:11

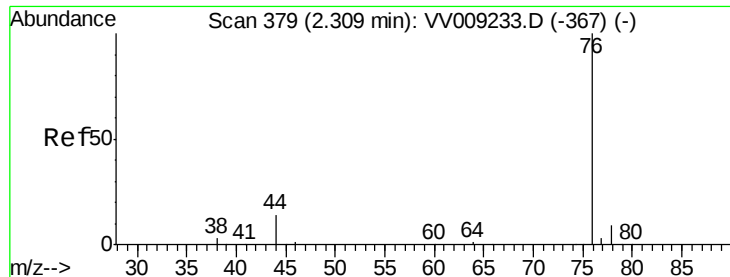
Tgt Ion: 43 Resp: 3894

Ion Ratio Lower Upper

43 100

58 35.9 24.4 36.6





#17

Carbon Disulfide

Concen: 2.141 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009246.D

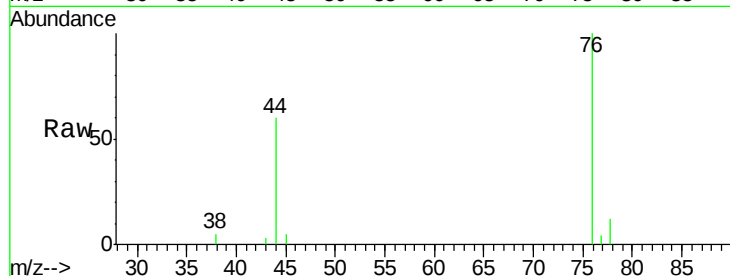
Acq: 23 Jan 2019 14:11

Tot Ion: 76 Resp: 6196

Ion Ratio Lower Upper

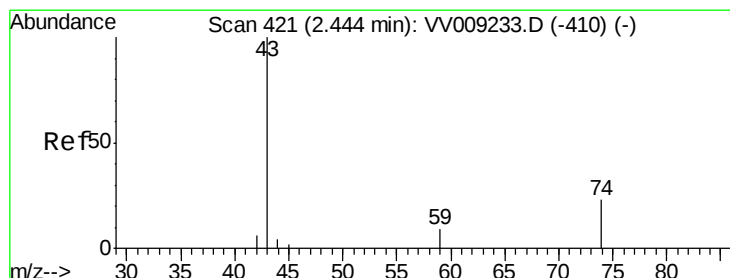
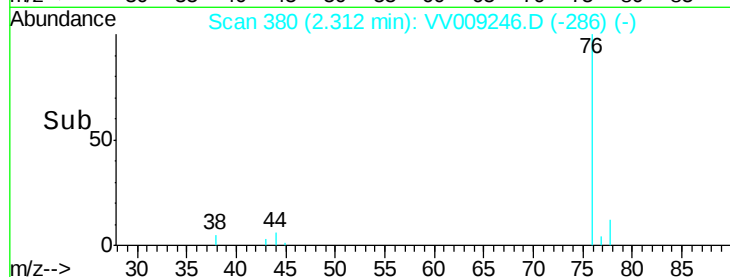
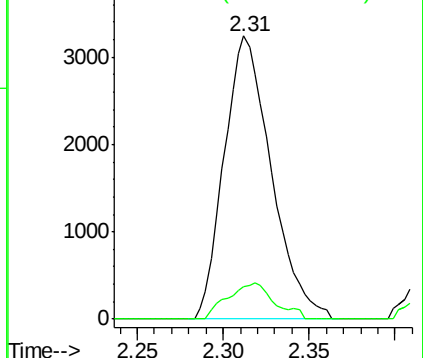
76 100

78 11.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009246.D (-286) (-)



#18

Methyl Acetate

Concen: 3.224 ug/l

RT: 2.44 min Scan# 421

Delta R.T. 0.00 min

Lab File: VV009246.D

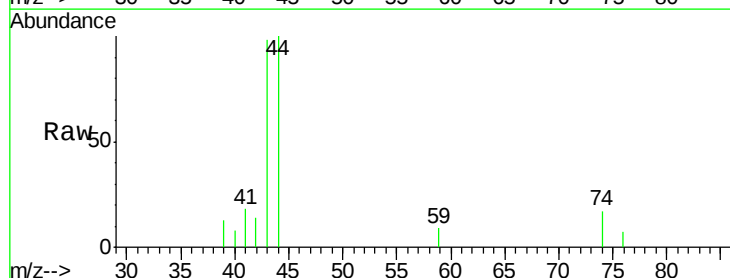
Acq: 23 Jan 2019 14:11

Tgt Ion: 43 Resp: 2545

Ion Ratio Lower Upper

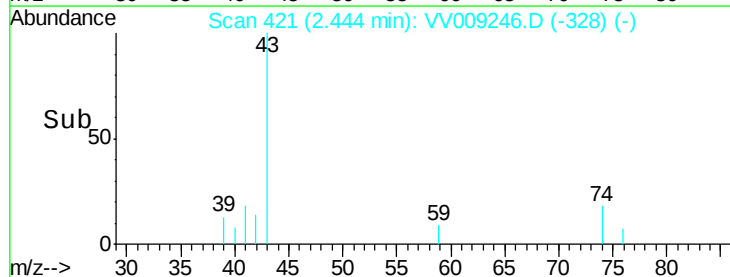
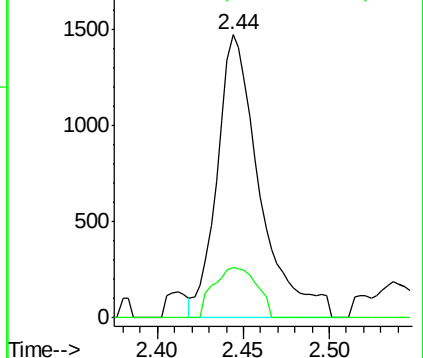
43 100

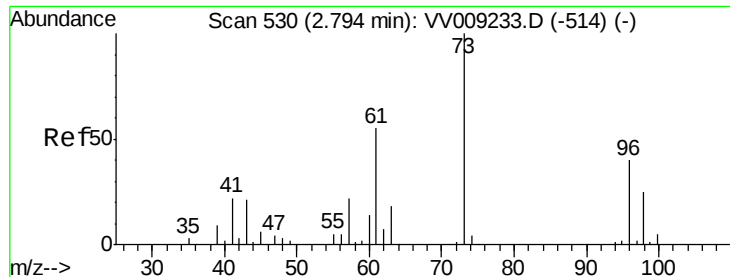
74 18.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-410) (-)

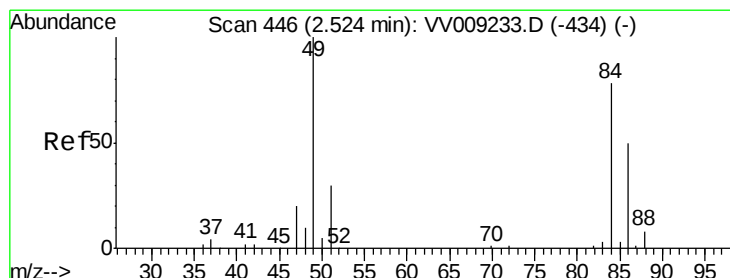
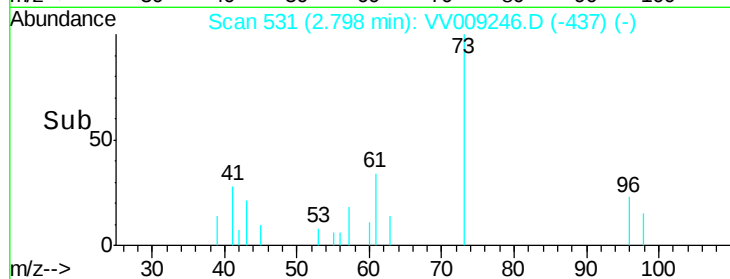
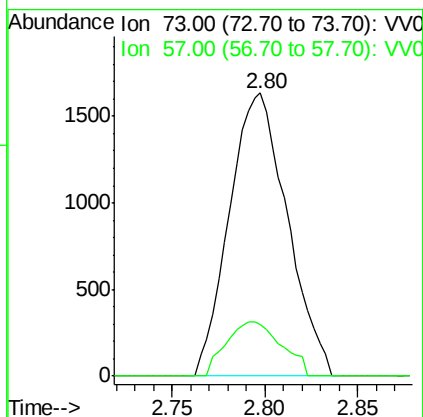
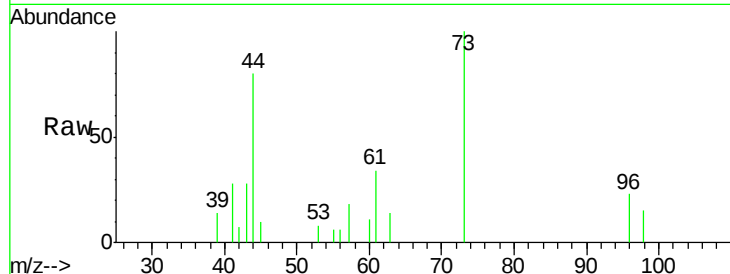
Ion 74.00 (73.70 to 74.70): VV009246.D (-328) (-)





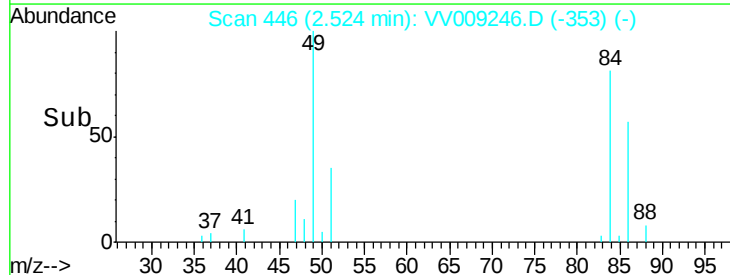
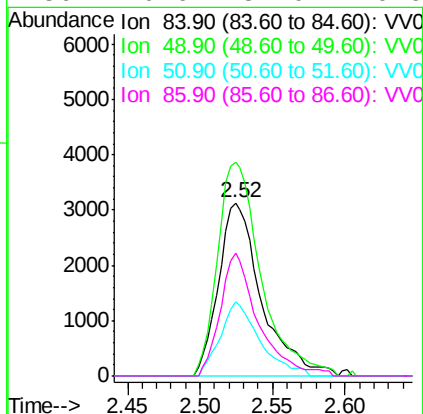
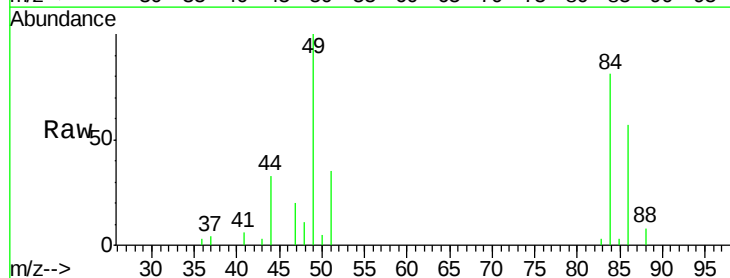
#19
Methyl tert-butyl Ether
Concen: 2.415 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

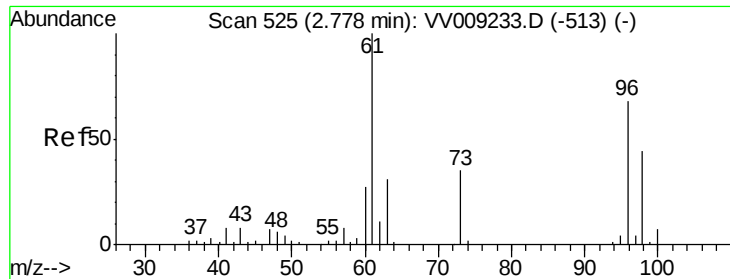
Tot Ion: 73 Resp: 3546
Ion Ratio Lower Upper
73 100
57 18.4 18.0 27.0



#20
Methylene Chloride
Concen: 2.690 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 84 Resp: 6435
Ion Ratio Lower Upper
84 100
49 123.2 102.0 153.0
51 42.5 30.9 46.3
86 70.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 2.052 ug/l

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

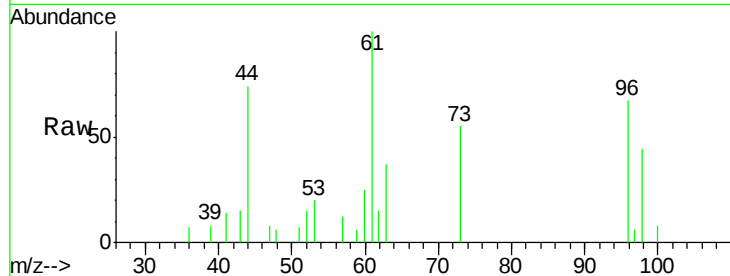
Tot Ion: 96 Resp: 2092

Ion Ratio Lower Upper

96 100

61 149.3 117.7 176.5

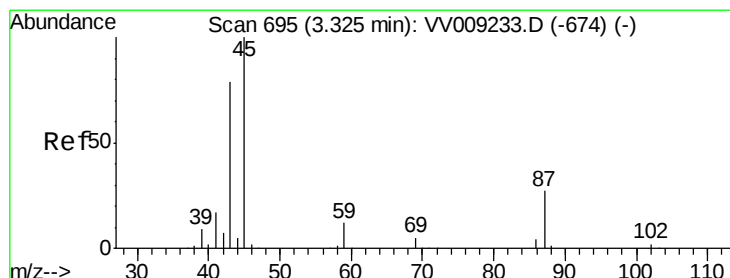
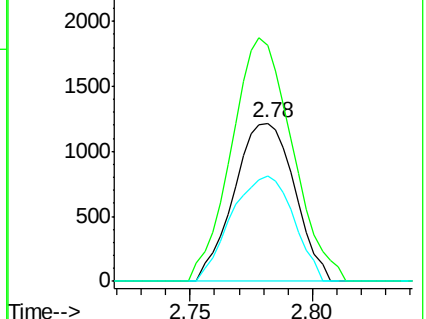
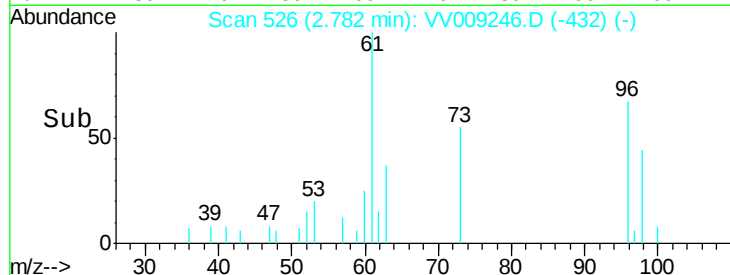
98 66.4 51.5 77.3



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: 2.217 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tgt Ion: 45 Resp: 7697

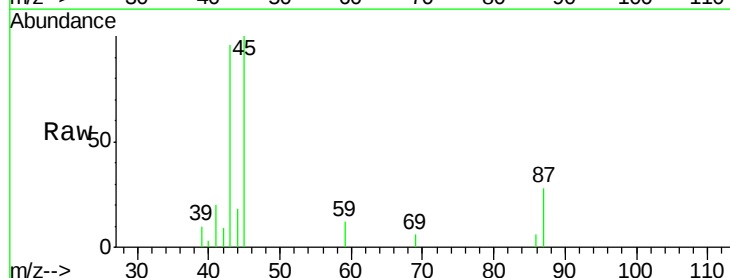
Ion Ratio Lower Upper

45 100

43 87.9 63.0 94.4

87 27.6 21.5 32.3

59 11.5 9.3 13.9

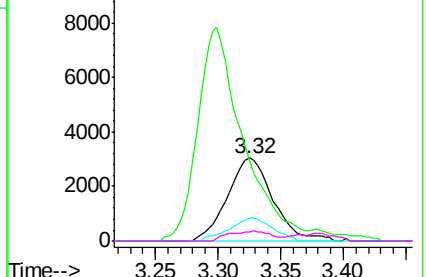
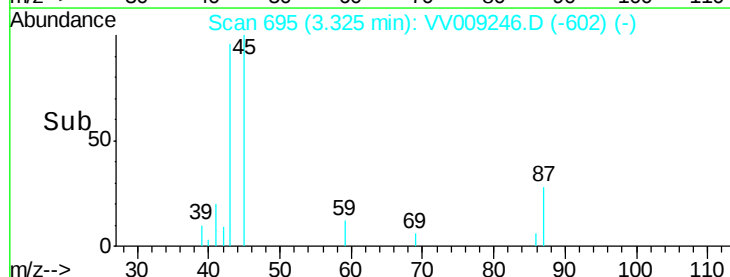


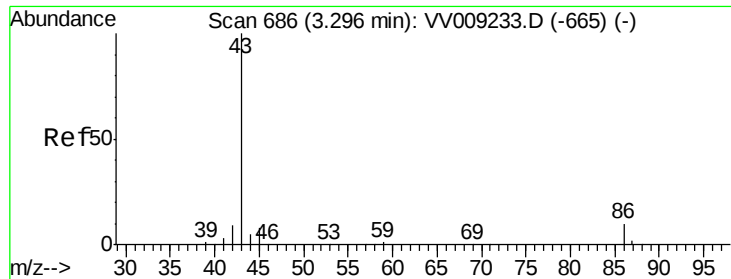
Abundance Ion 45.00 (44.70 to 45.70): VV0

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: 10.457 ug/l

RT: 3.30 min Scan# 687

Delta R.T. 0.00 min

Lab File: VV009246.D

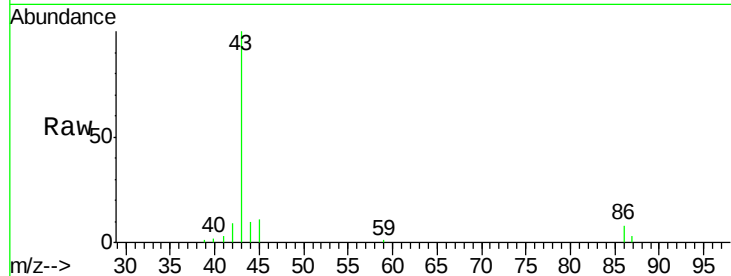
Acq: 23 Jan 2019 14:11

Tot Ion: 43 Resp: 19701

Ion Ratio Lower Upper

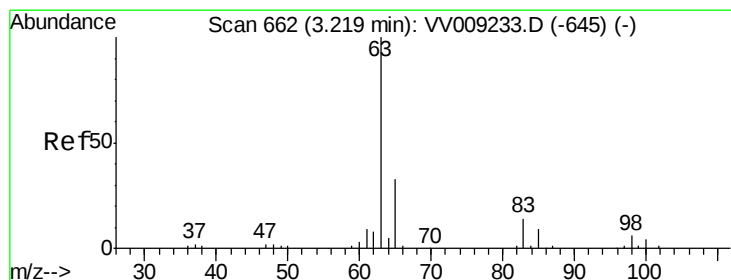
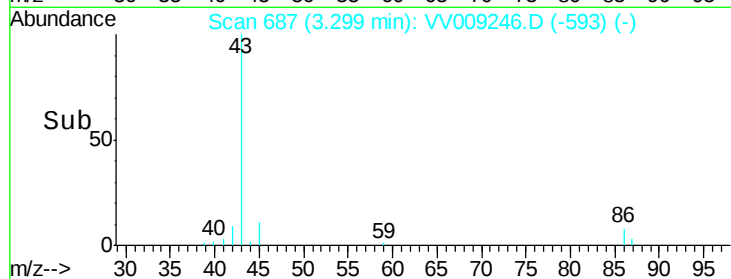
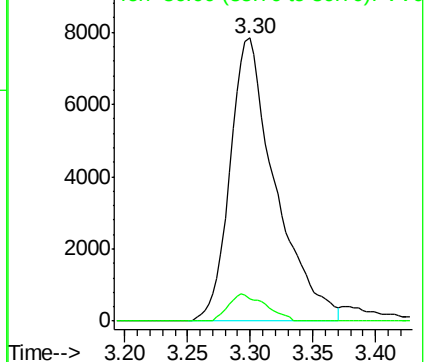
43 100

86 8.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#24

1,1-Dichloroethane

Concen: 2.182 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

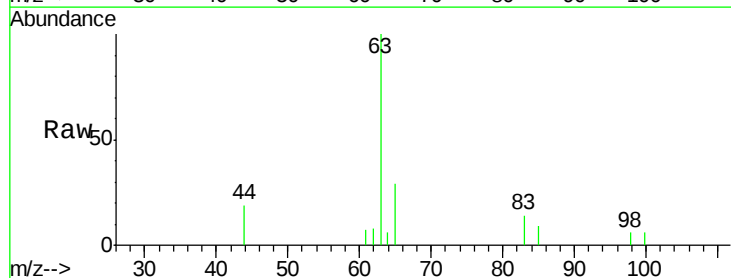
Tgt Ion: 63 Resp: 4714

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

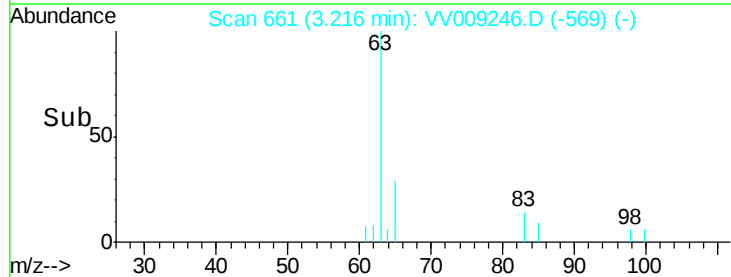
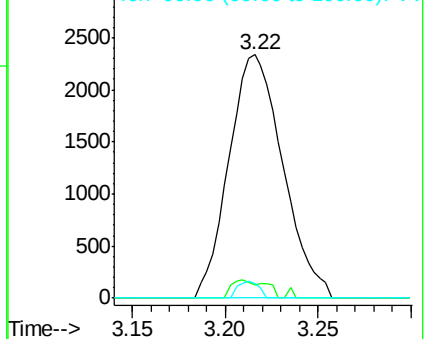
100 6.2 2.2 6.6

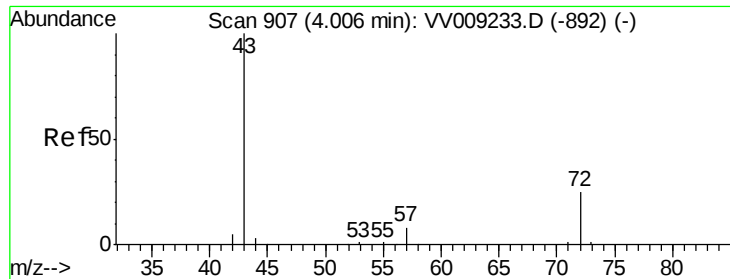


Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 97.90 (97.60 to 98.60): VV0

Ion 99.90 (99.60 to 100.60): VV0





#25

2-Butanone

Concen: 10.655 ug/l

RT: 4.02 min Scan# 910

Delta R.T. 0.01 min

Lab File: VV009246.D

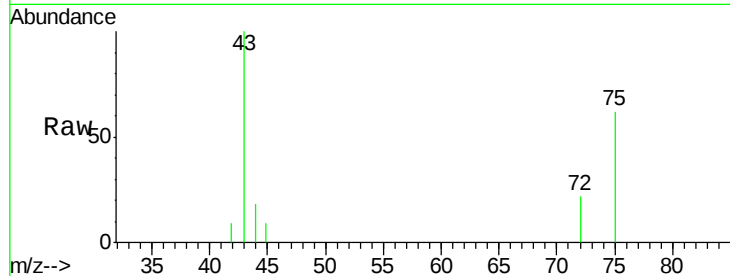
Acq: 23 Jan 2019 14:11

Tot Ion: 43 Resp: 3601

Ion Ratio Lower Upper

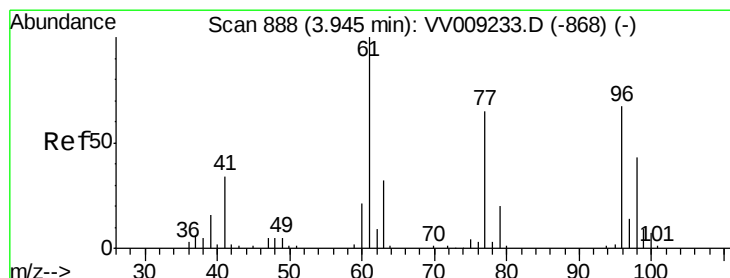
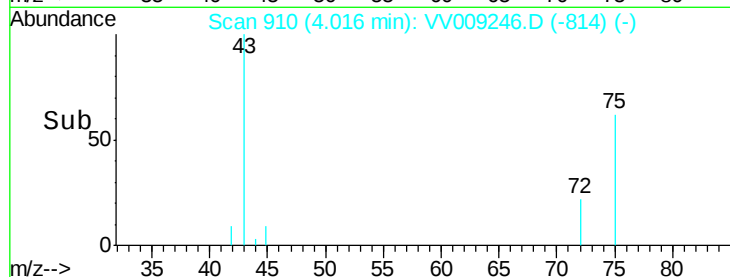
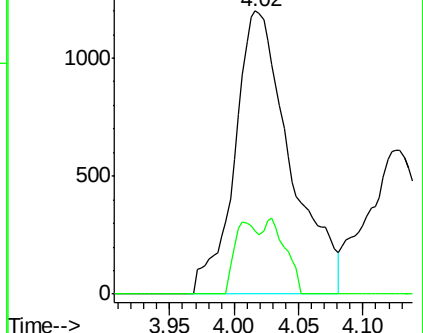
43 100

72 22.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-892) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-892) (-)



#26

2,2-Dichloropropane

Concen: 1.852 ug/l

RT: 3.94 min Scan# 887

Delta R.T. -0.00 min

Lab File: VV009246.D

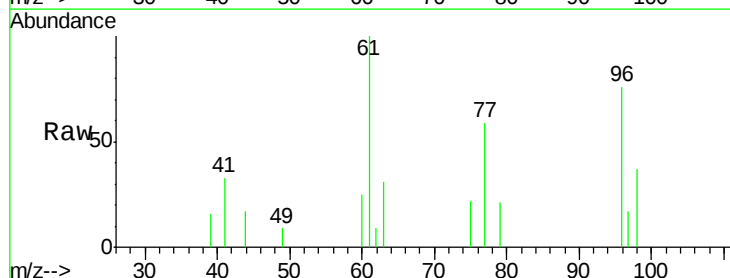
Acq: 23 Jan 2019 14:11

Tgt Ion: 77 Resp: 2251

Ion Ratio Lower Upper

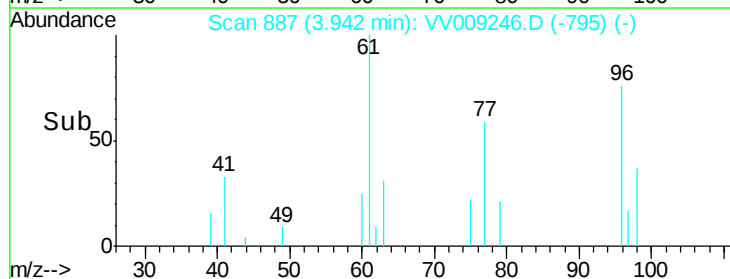
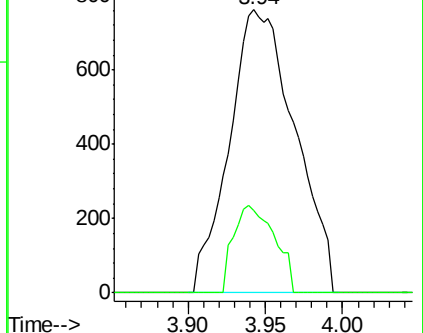
77 100

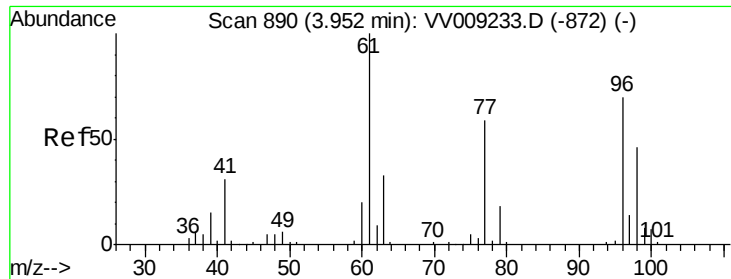
97 19.1 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009233.D (-868) (-)

Ion 96.90 (96.60 to 97.60): VV009233.D (-868) (-)





#27

cis-1,2-Dichloroethene

Concen: 2.224 ug/l

RT: 3.95 min Scan# 890

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

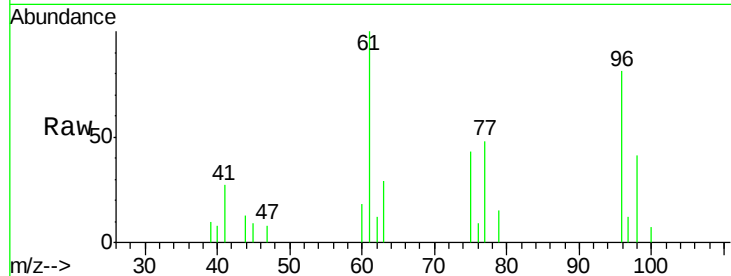
Tot Ion: 96 Resp: 2740

Ion Ratio Lower Upper

96 100

61 137.2 0.0 296.4

98 55.3 0.0 130.0

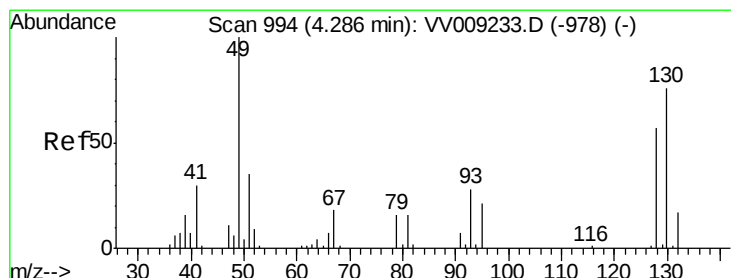
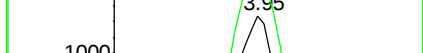
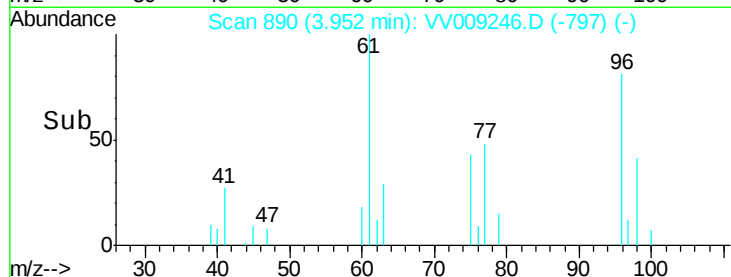


Abundance Ion 95.90 (95.60 to 96.60): VV009233.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-872) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-872) (-)

Time-->



#28

Bromochloromethane

Concen: 2.003 ug/l

RT: 4.29 min Scan# 994

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

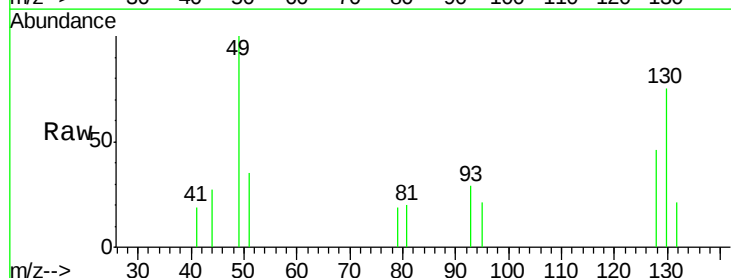
Tgt Ion: 49 Resp: 1597

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 73.5 60.2 90.4

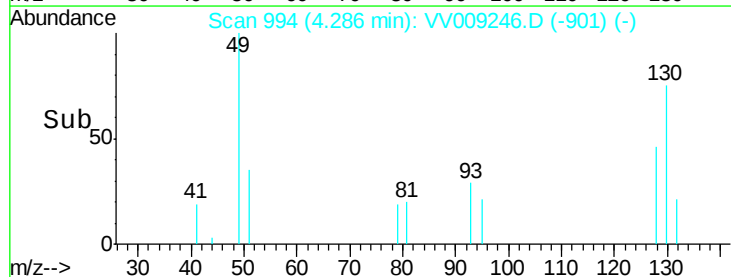


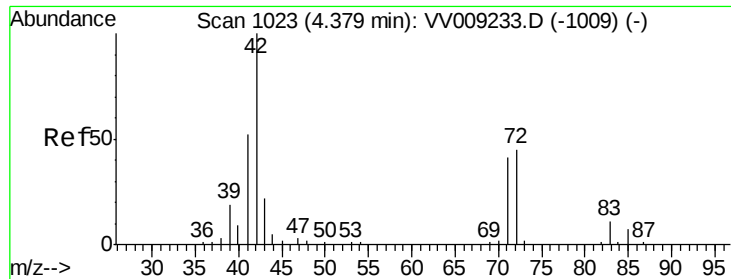
Abundance Ion 48.90 (48.60 to 49.60): VV009233.D (-978) (-)

Ion 128.80 (128.50 to 129.50): VV009233.D (-978) (-)

Ion 129.80 (129.50 to 130.50): VV009233.D (-978) (-)

Time-->





#29

Tetrahydrofuran

Concen: 11.903 ug/l

RT: 4.39 min Scan# 1025

Delta R.T. 0.01 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

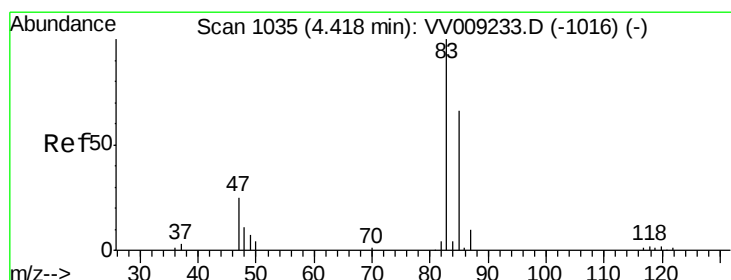
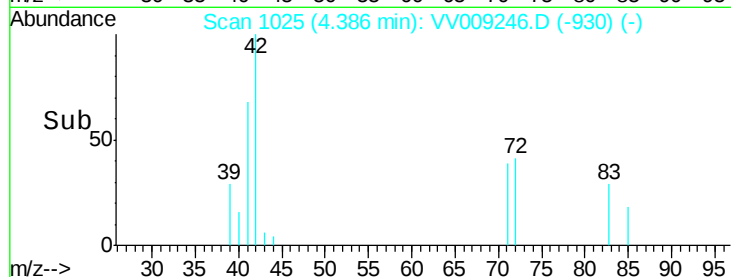
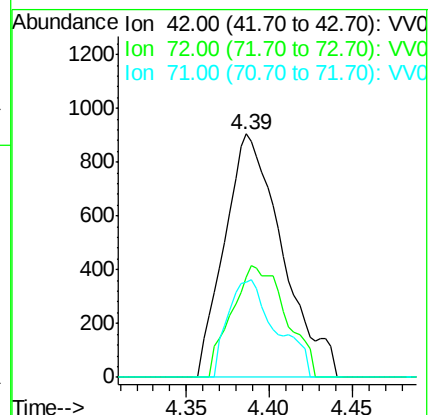
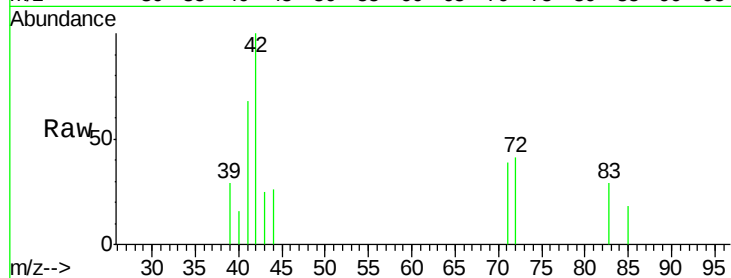
Tot Ion: 42 Resp: 2188

Ion Ratio Lower Upper

42 100

72 43.3 37.7 56.5

71 33.5 31.5 47.3



#30

Chloroform

Concen: 2.228 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009246.D

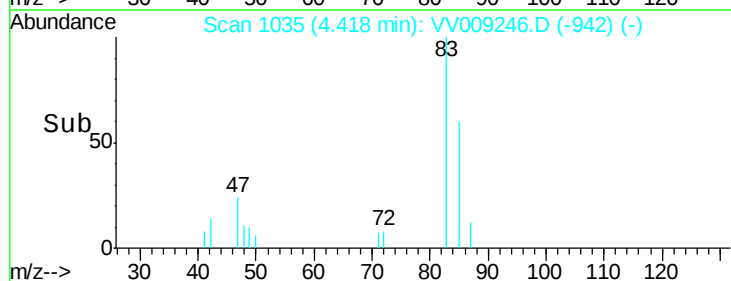
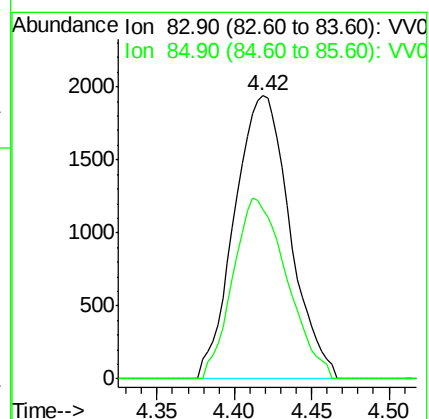
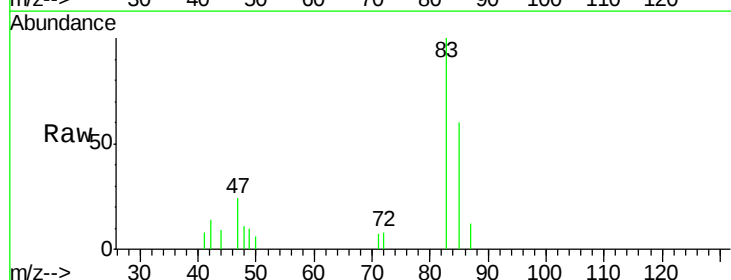
Acq: 23 Jan 2019 14:11

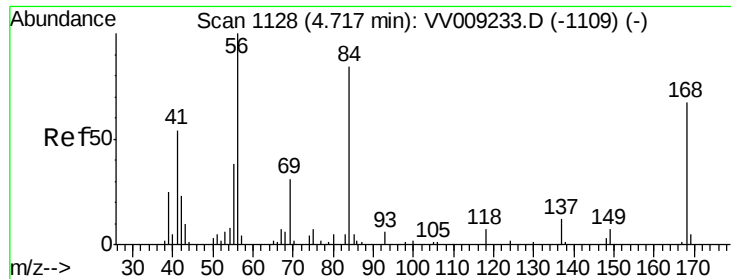
Tgt Ion: 83 Resp: 4834

Ion Ratio Lower Upper

83 100

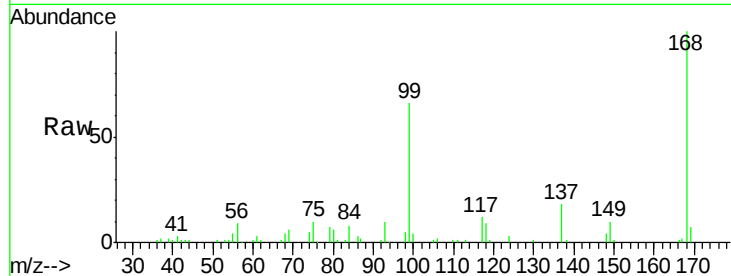
85 59.8 52.6 79.0



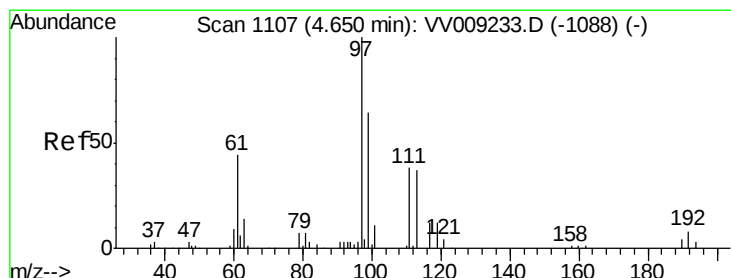
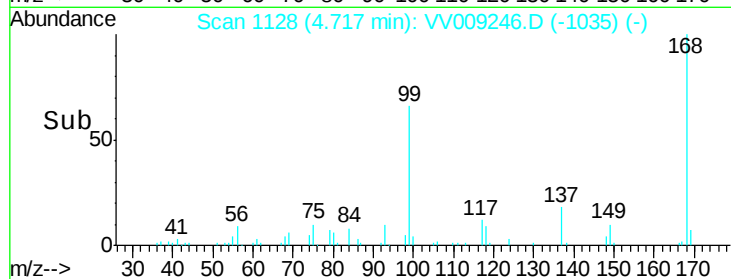
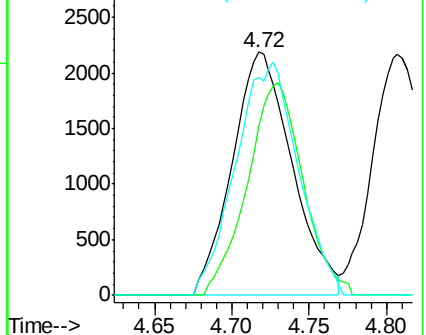


#31
Cyclohexane
Concen: 2.986 ug/l
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion: 56 Resp: 5889
Ion Ratio Lower Upper
56 100
69 69.8 25.1 37.7#
84 89.3 67.3 100.9

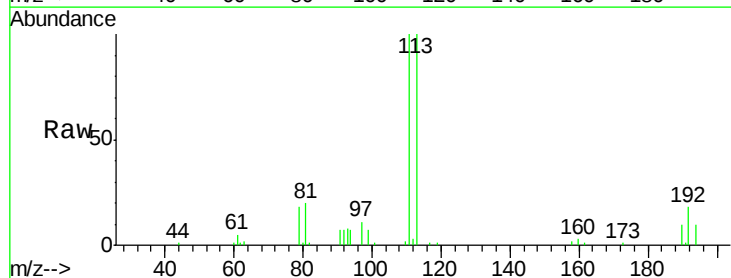


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

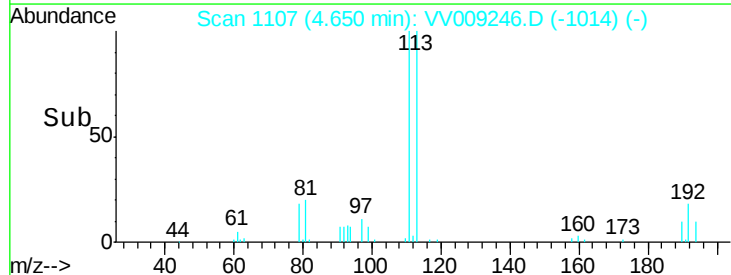
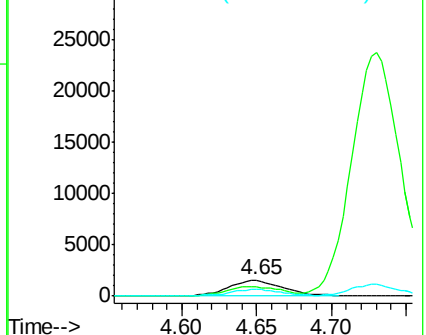


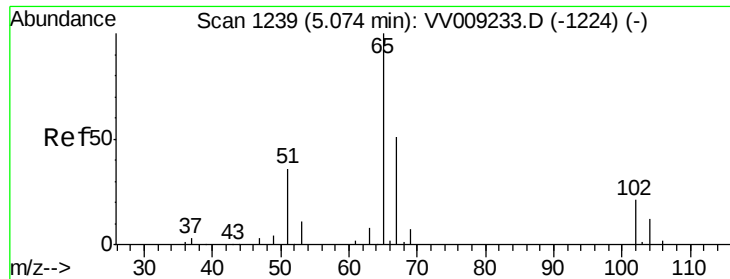
#32
1,1,1-Trichloroethane
Concen: 2.110 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 97 Resp: 3859
Ion Ratio Lower Upper
97 100
99 60.8 50.2 75.2
61 39.9 34.7 52.1



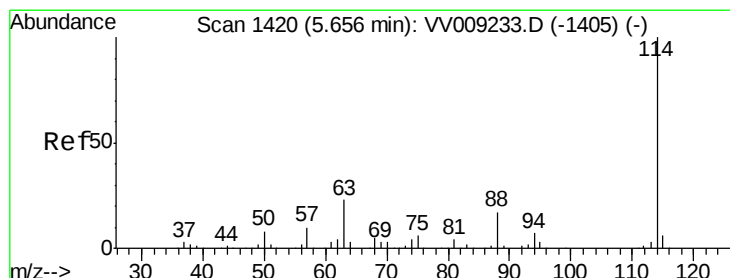
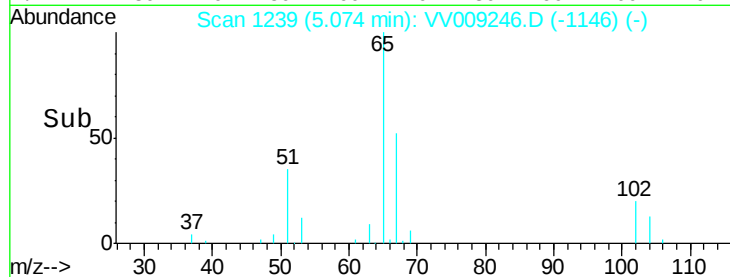
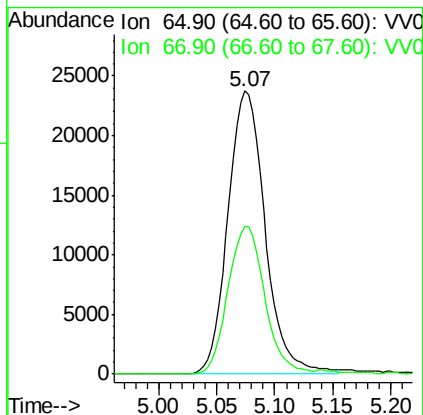
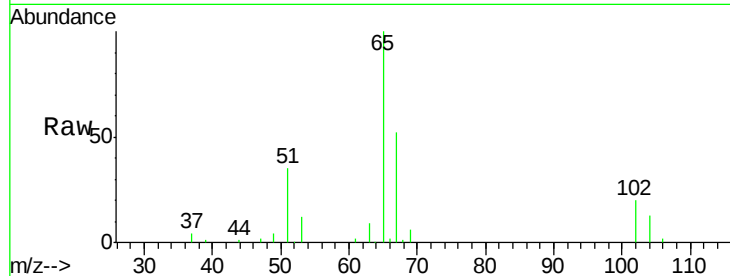
Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0





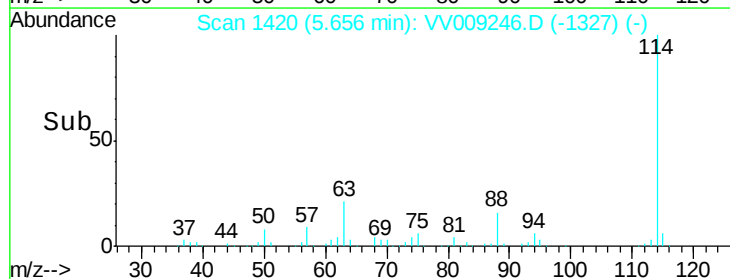
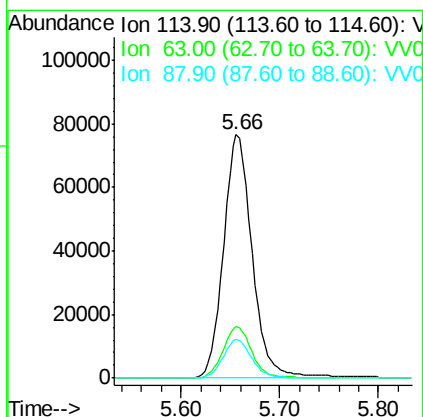
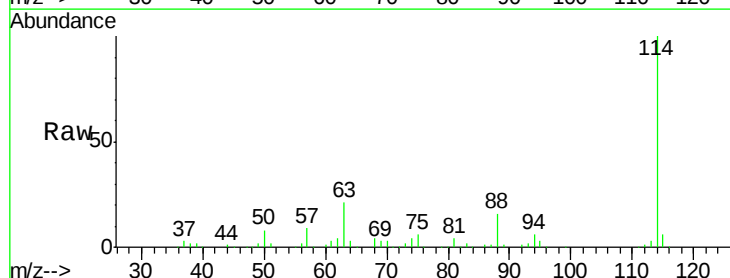
#33
 1,2-Dichloroethane-d4
 Concen: 48.758 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

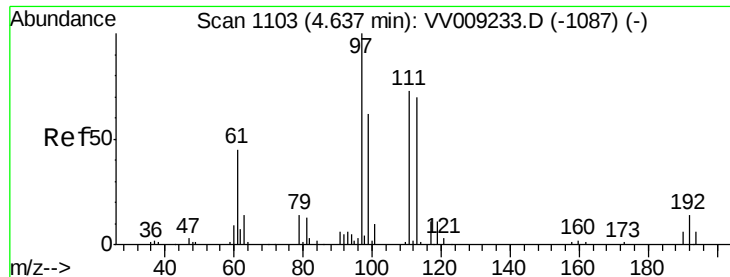
Tot Ion: 65 Resp: 53113
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion: 114 Resp: 155840
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.2
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.401 ug/l

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

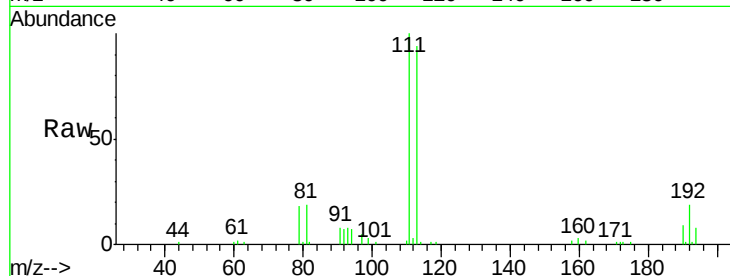
Tot Ion:113 Resp: 48068

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

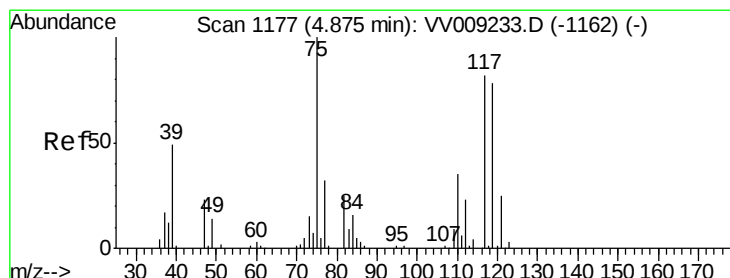
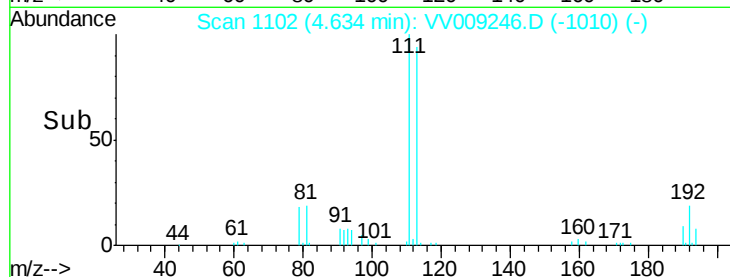
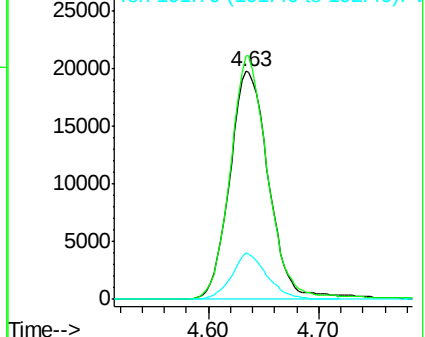
192 18.4 15.0 22.6



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: 2.304 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

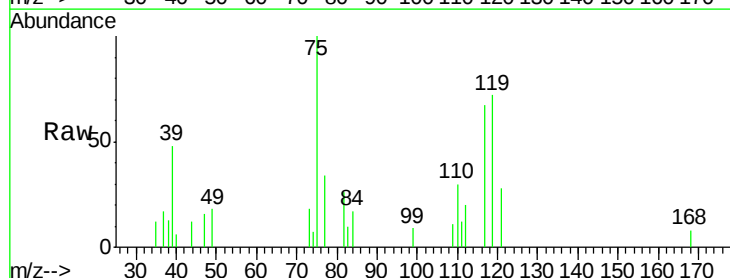
Tgt Ion: 75 Resp: 3986

Ion Ratio Lower Upper

75 100

110 27.4 17.5 52.5

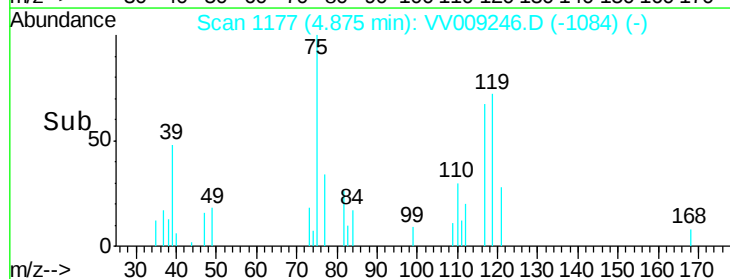
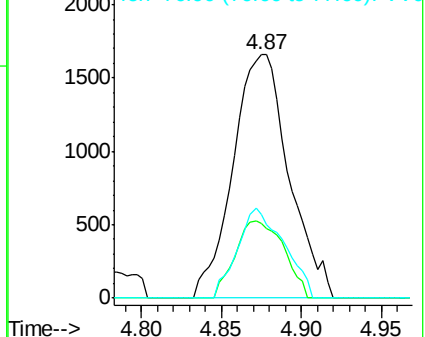
77 30.5 25.5 38.3

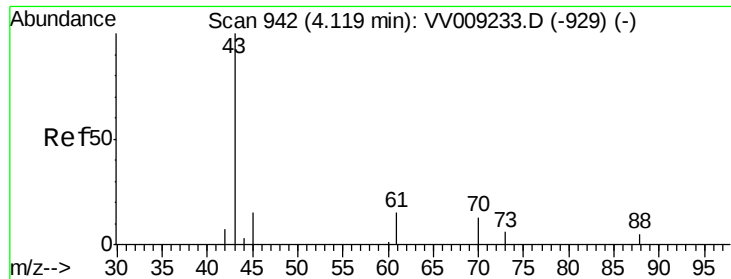


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VV0





#37

Ethyl Acetate

Concen: 2.128 ug/l

RT: 4.13 min Scan# 944

Delta R.T. 0.01 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

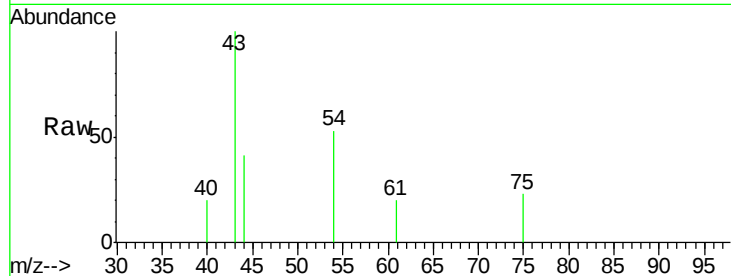
Tot Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

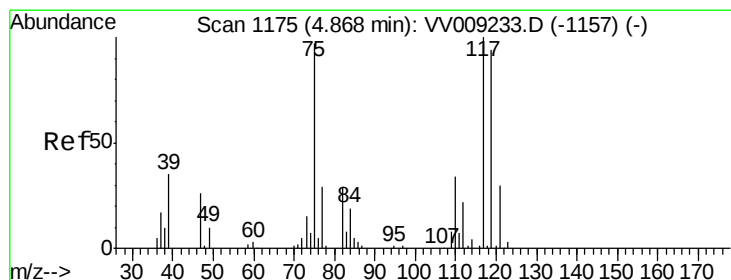
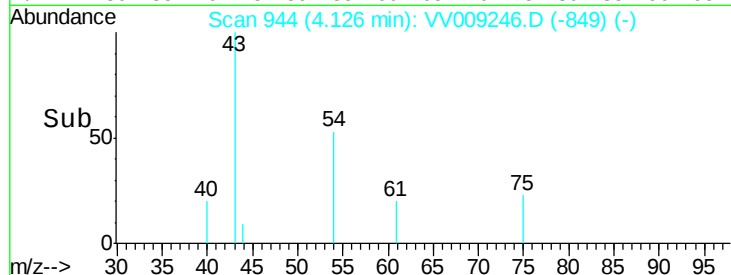
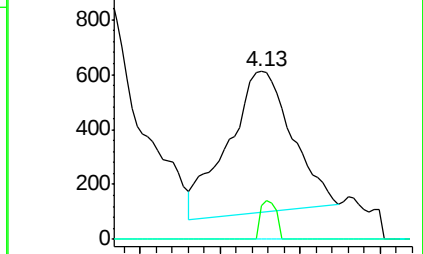
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-929) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-929) (-)

Ion 70.00 (69.70 to 70.70): VV009233.D (-929) (-)



#38

Carbon Tetrachloride

Concen: 1.863 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

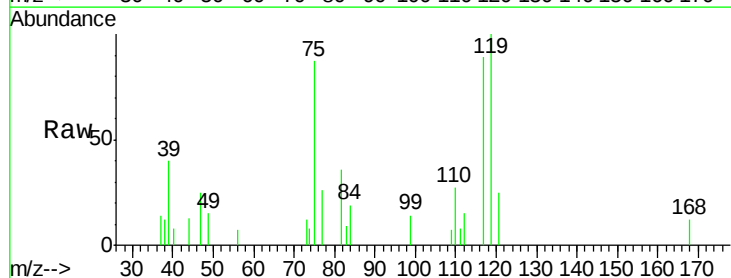
Tgt Ion: 117 Resp: 3227

Ion Ratio Lower Upper

117 100

119 112.2 75.4 113.2

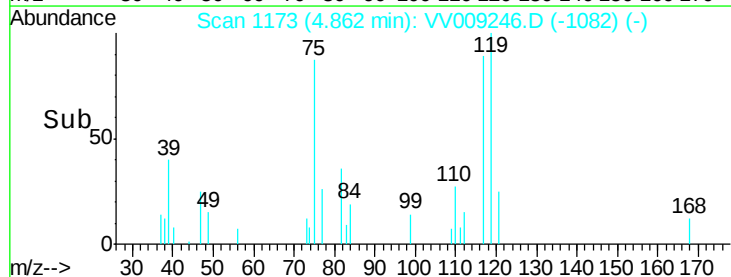
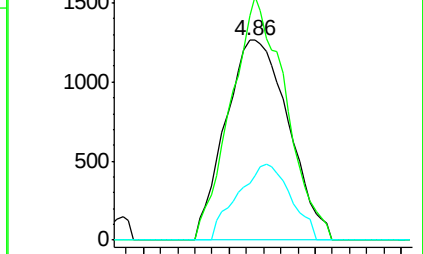
121 28.2 24.2 36.2

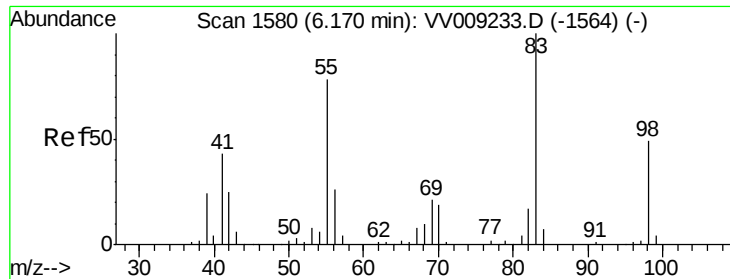


Abundance Ion 116.80 (116.50 to 117.50): VV009233.D (-1157) (-)

Ion 118.80 (118.50 to 119.50): VV009233.D (-1157) (-)

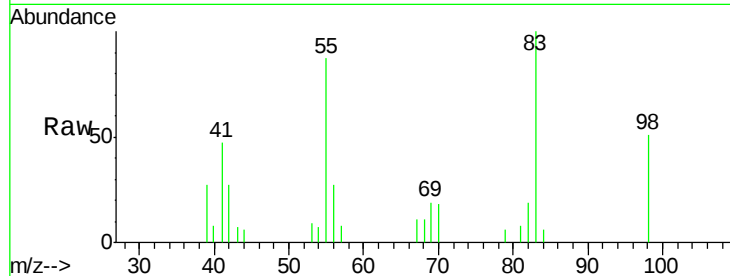
Ion 120.80 (120.50 to 121.50): VV009233.D (-1157) (-)



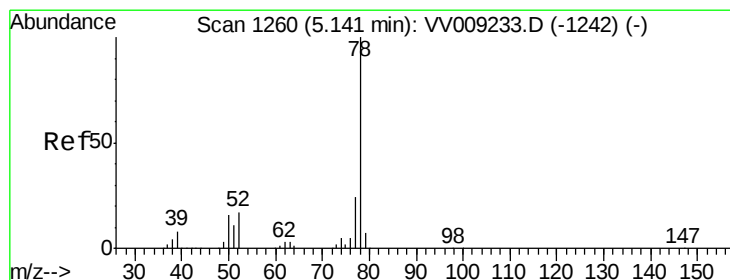
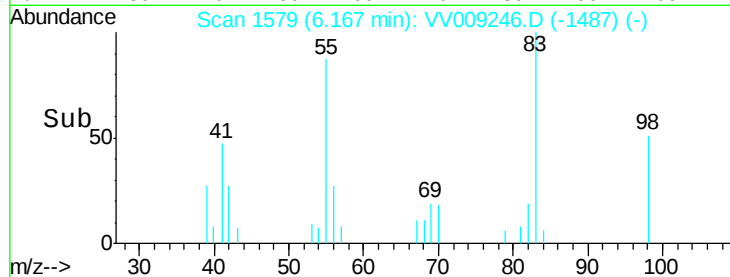
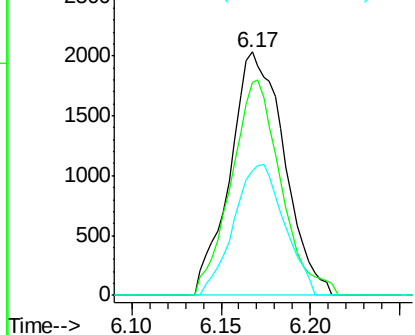


#39
Methvlcvclohexane
Concen: 2.101 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion: 83 Resp: 4304
Ion Ratio Lower Upper
83 100
55 87.3 62.8 94.2
98 51.0 39.1 58.7

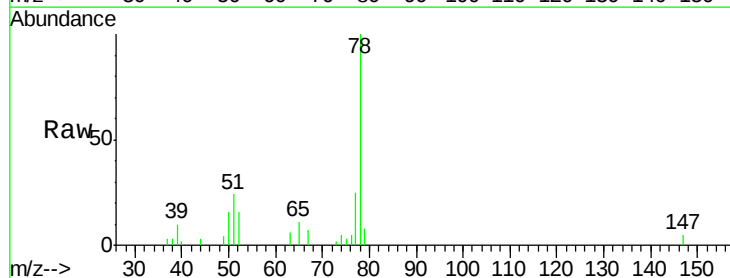


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

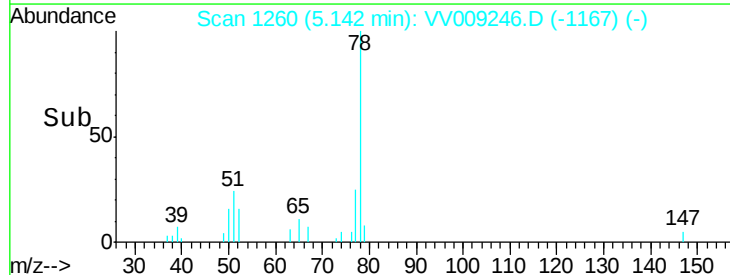
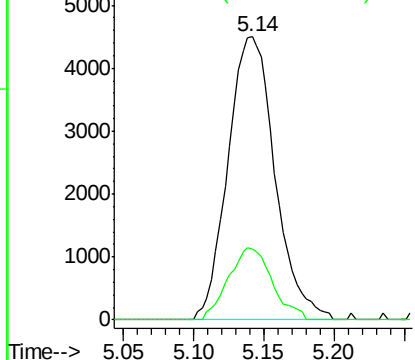


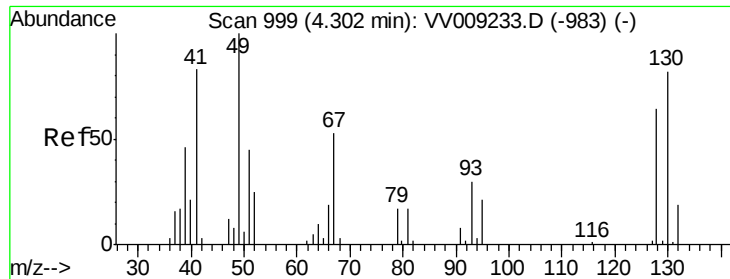
#40
Benzene
Concen: 2.167 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 78 Resp: 10485
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.2



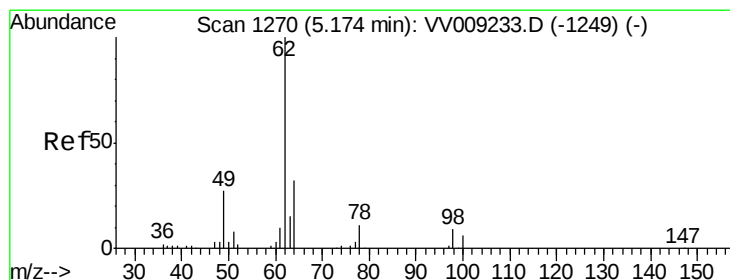
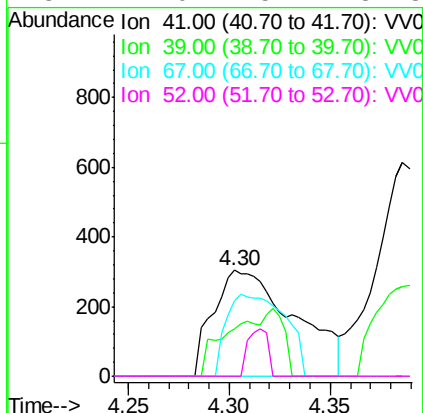
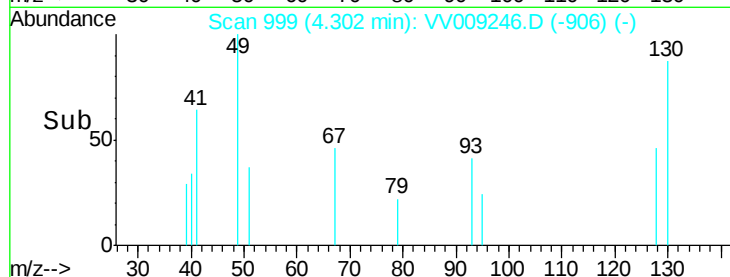
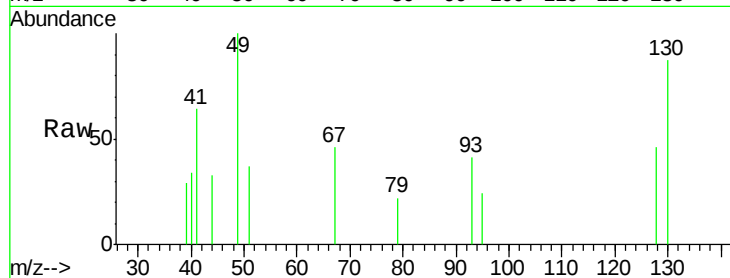
Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





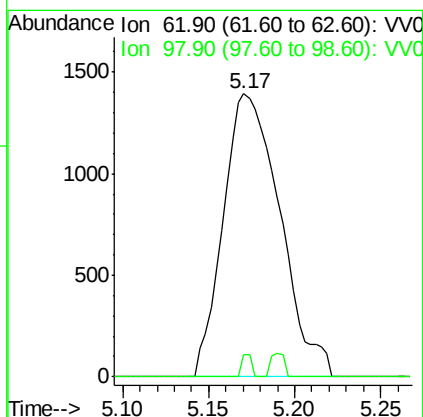
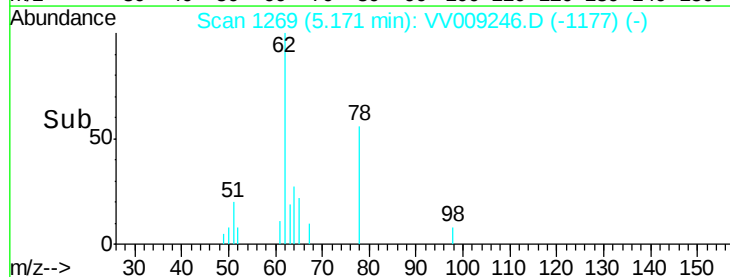
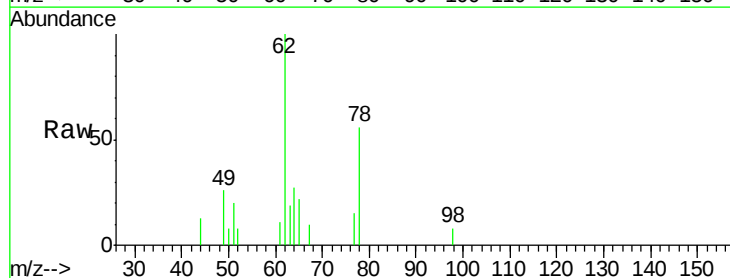
#41
Methacrylonitrile
Concen: 2.128 ug/l
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

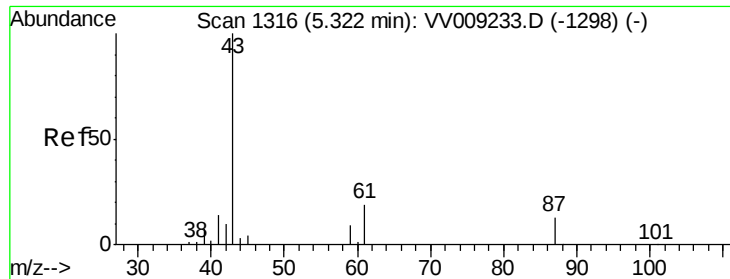
Tot Ion: 41 Resp: 853
Ion Ratio Lower Upper
41 100
39 42.3 45.4 68.0#
67 56.2 55.5 83.3
52 11.0 25.2 37.8#



#42
1,2-Dichloroethane
Concen: 2.110 ug/l
RT: 5.17 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 62 Resp: 3195
Ion Ratio Lower Upper
62 100
98 1.3 0.0 16.4





#43

Isopropyl Acetate

Concen: 2.255 ug/l

RT: 5.32 min Scan# 1317

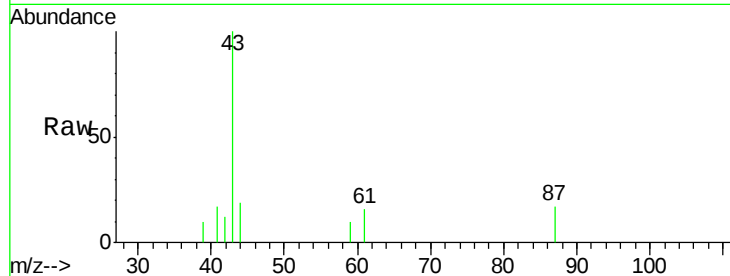
Delta R.T. 0.00 min

Lab File: VV009246.D

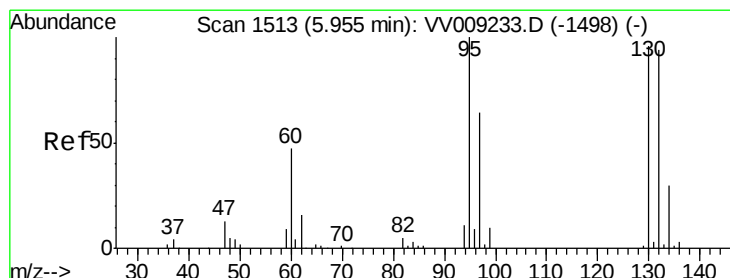
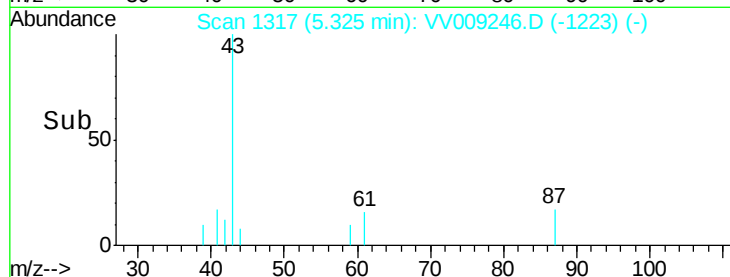
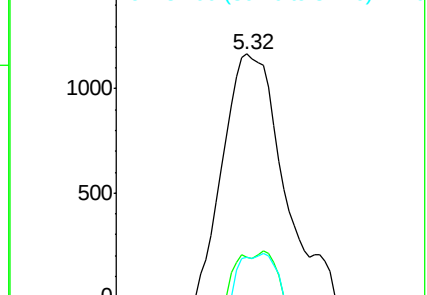
Acq: 23 Jan 2019 14:11

Tot Ion: 43 Resp: 2949

Ion	Ratio	Lower	Upper
43	100		
61	11.6	15.4	23.0#
87	10.2	9.9	14.9



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



#44

Trichloroethene

Concen: 2.072 ug/l

RT: 5.96 min Scan# 1513

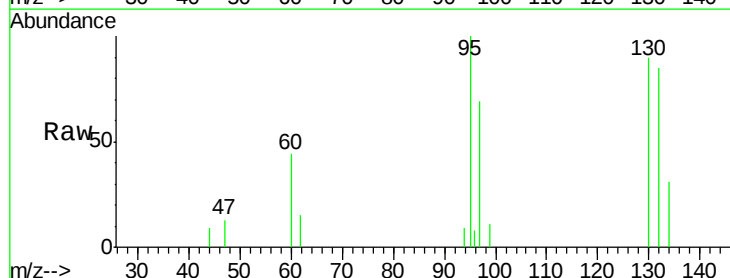
Delta R.T. 0.00 min

Lab File: VV009246.D

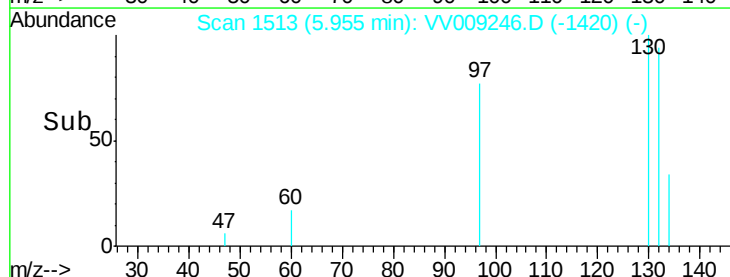
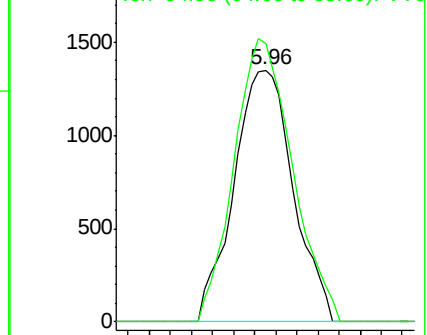
Acq: 23 Jan 2019 14:11

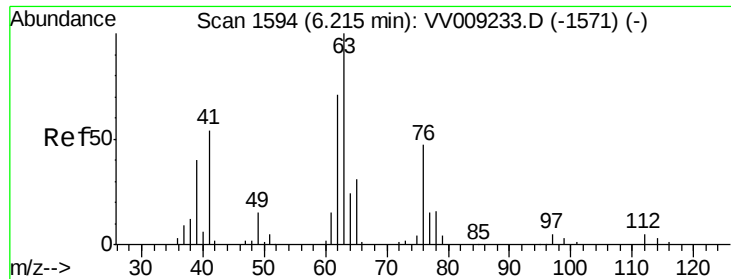
Tgt Ion: 130 Resp: 2639

Ion	Ratio	Lower	Upper
130	100		
95	110.7	0.0	208.2



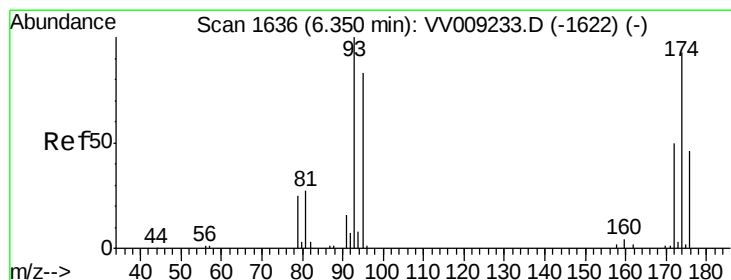
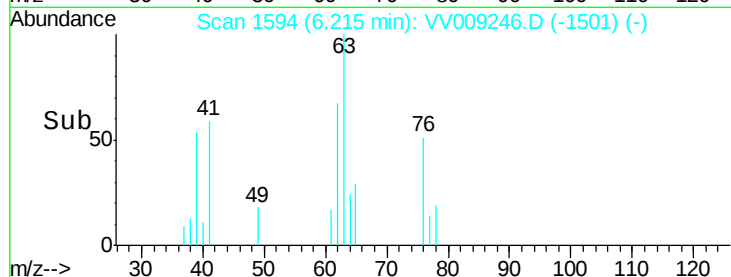
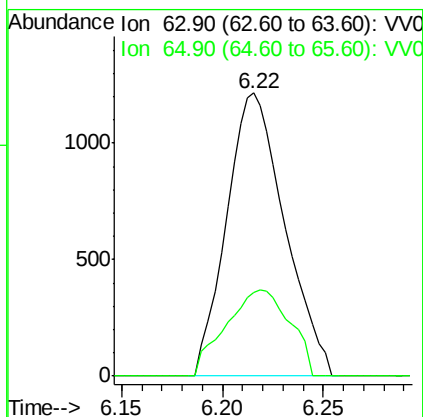
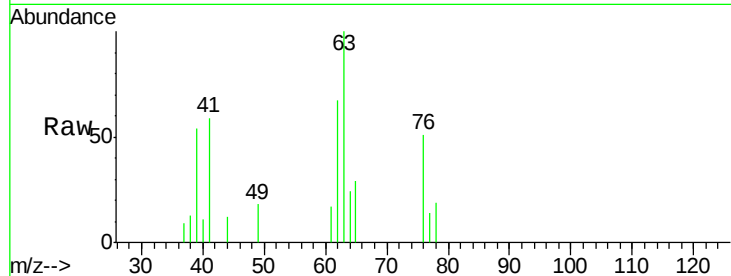
Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)





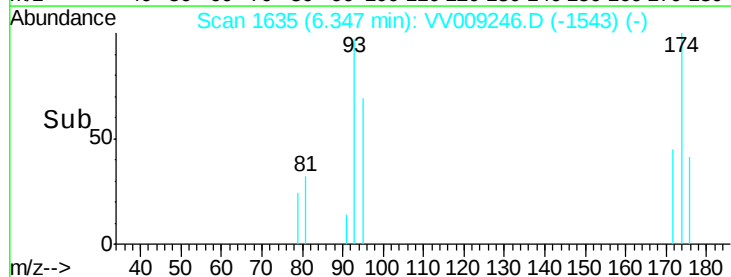
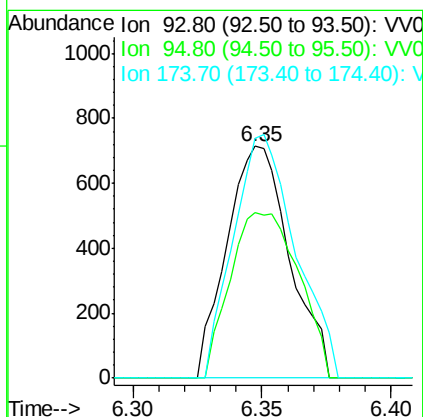
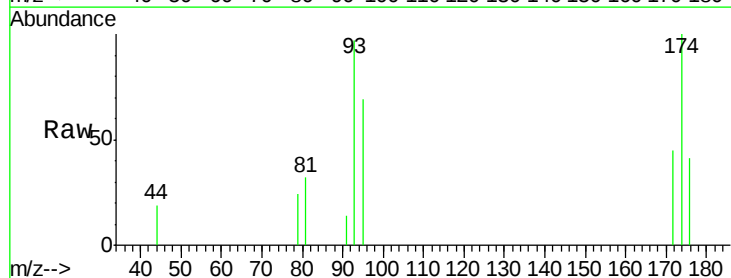
#45
 1,2-Dichloropropane
 Concen: 2.094 ug/l
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

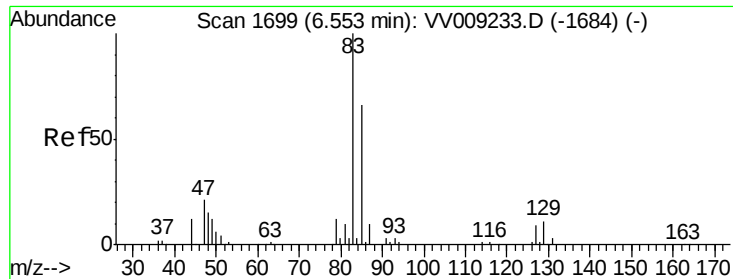
Tot Ion: 63 Resp: 2437
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.1 37.7



#46
 Dibromomethane
 Concen: 2.019 ug/l
 RT: 6.35 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion: 93 Resp: 1206
 Ion Ratio Lower Upper
 93 100
 95 78.0 64.6 97.0
 174 104.6 74.0 111.0





#47

Bromodichloromethane

Concen: 1.986 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

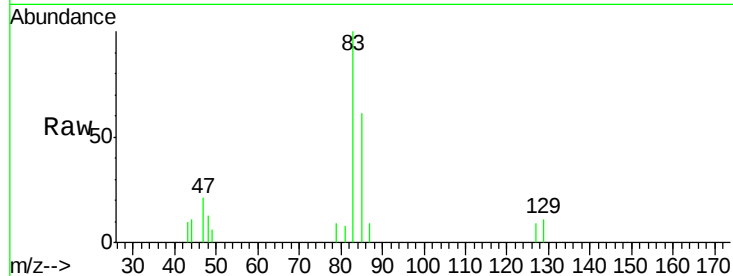
Tot Ion: 83 Resp: 3135

Ion Ratio Lower Upper

83 100

85 60.8 52.6 78.8

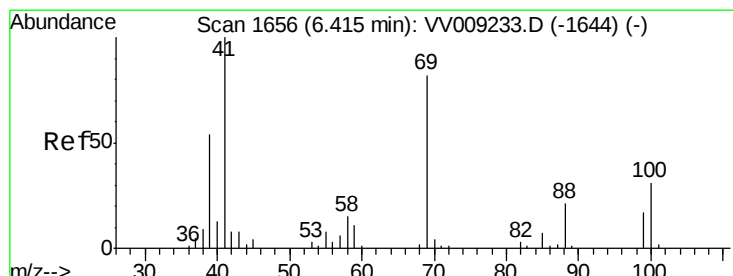
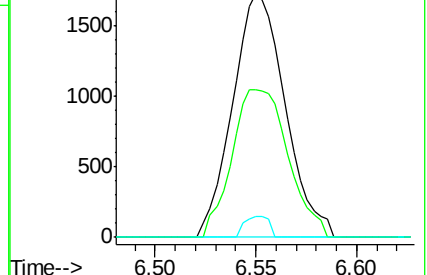
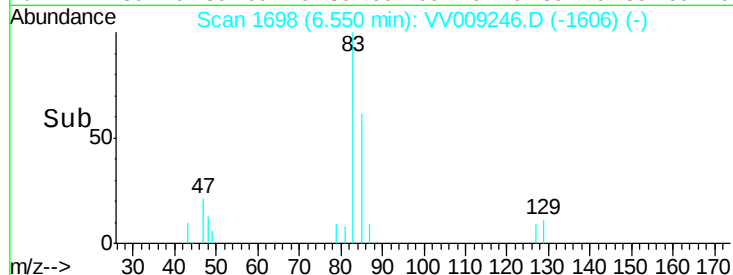
127 8.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009246.D (-1606) (-)

Ion 84.90 (84.60 to 85.60): VV009246.D (-1606) (-)

Ion 126.80 (126.50 to 127.50): VV009246.D (-1606) (-)



#48

Methyl methacrylate

Concen: 2.011 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

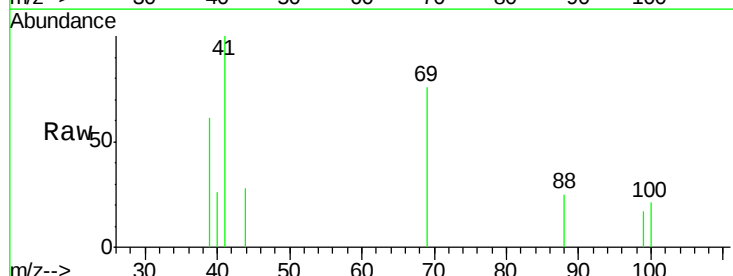
Tgt Ion: 41 Resp: 1342

Ion Ratio Lower Upper

41 100

69 66.4 65.8 98.6

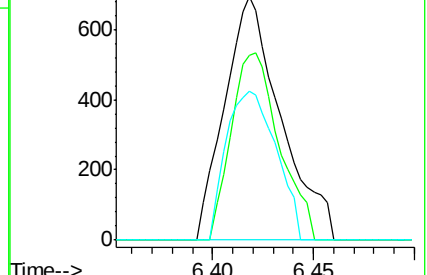
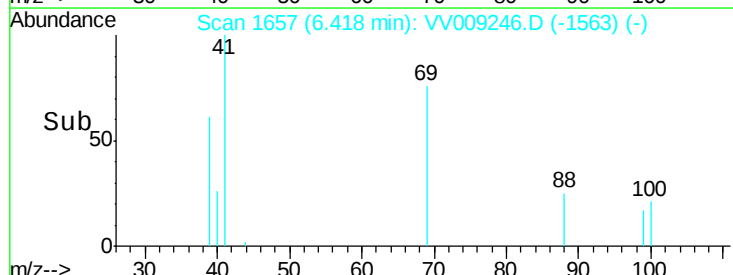
39 54.9 43.4 65.0

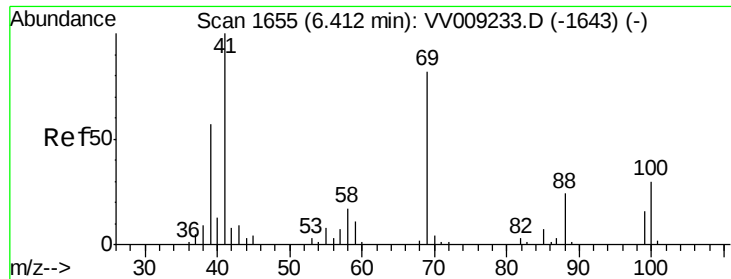


Abundance Ion 41.00 (40.70 to 41.70): VV009246.D (-1563) (-)

Ion 69.00 (68.70 to 69.70): VV009246.D (-1563) (-)

Ion 39.00 (38.70 to 39.70): VV009246.D (-1563) (-)





#49

1,4-Dioxane

Concen: 30.492 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

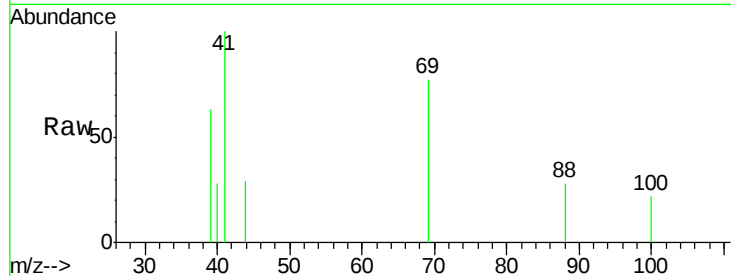
Tot Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 0.0 31.9 47.9#

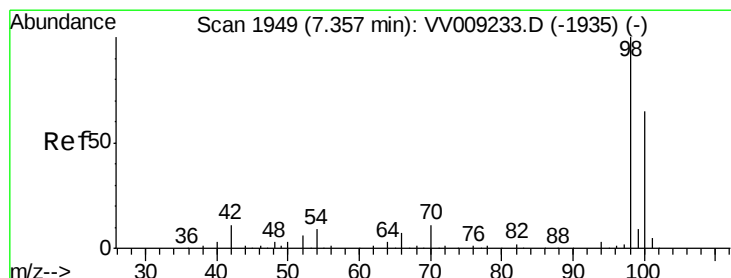
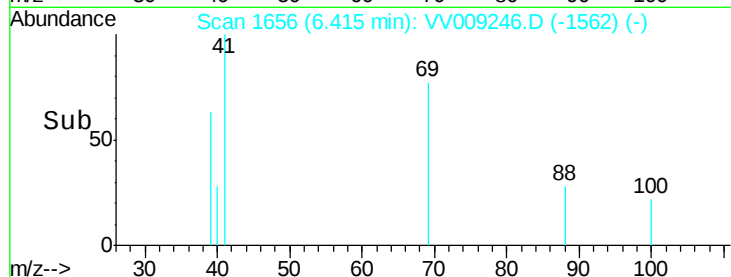
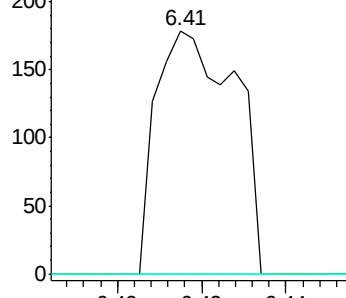
58 0.0 62.0 93.0#



Abundance Ion 88.00 (87.70 to 88.70): VV009233.D (-1643) (-)

Ion 43.00 (42.70 to 43.70): VV009233.D (-1643) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1643) (-)



#50

Toluene-d8

Concen: 46.852 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009246.D

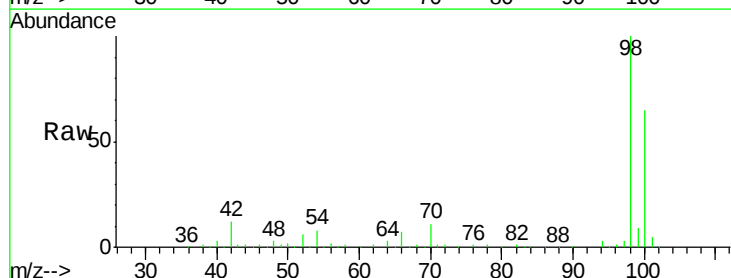
Acq: 23 Jan 2019 14:11

Tgt Ion: 98 Resp: 184917

Ion Ratio Lower Upper

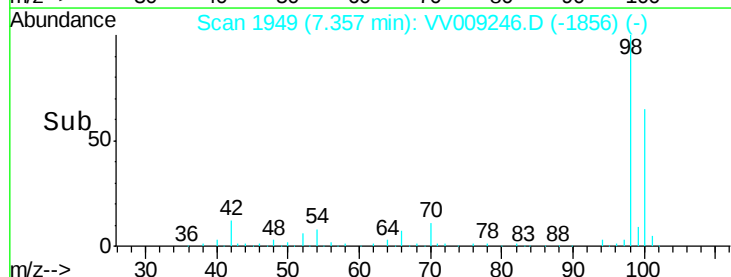
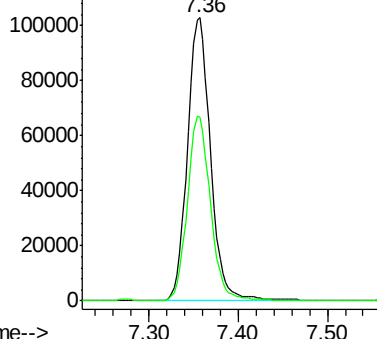
98 100

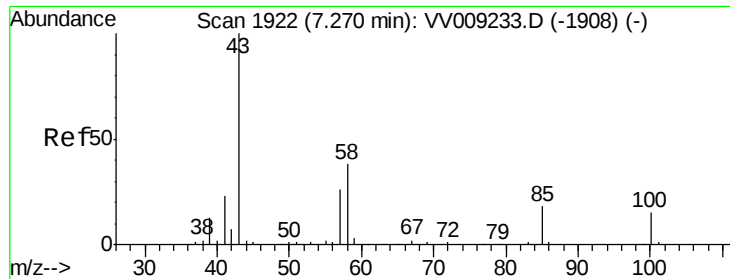
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VV009233.D (-1935) (-)

Ion 100.00 (99.70 to 100.70): VV009233.D (-1935) (-)





#51

4-Methyl-2-Pentanone

Concen: 10.902 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009246.D

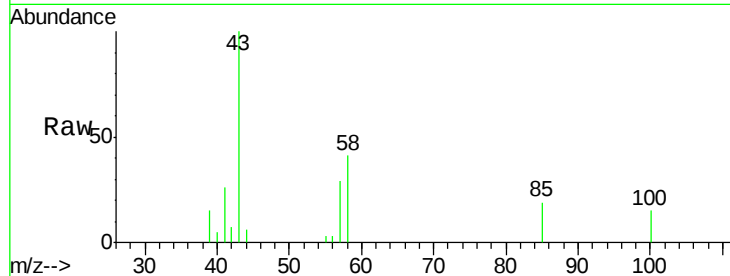
Acq: 23 Jan 2019 14:11

Tot Ion: 43 Resp: 7237

Ion Ratio Lower Upper

43 100

58 38.6 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

4000

3000

2000

1000

0

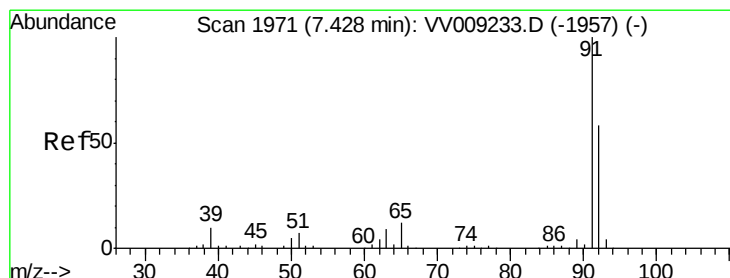
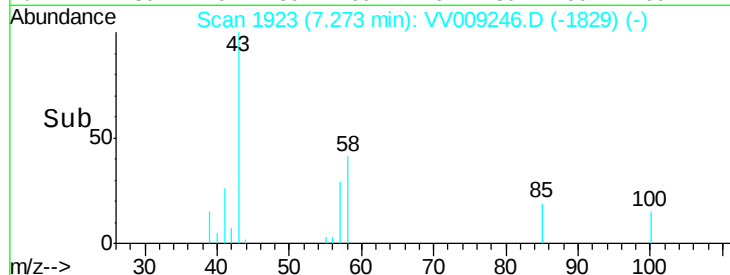
Time-->

7.20

7.25

7.30

7.35



#52

Toluene

Concen: 2.174 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009246.D

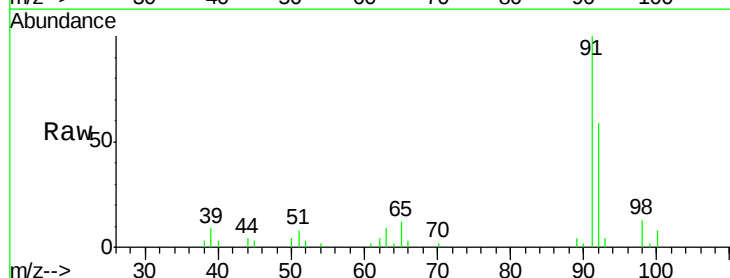
Acq: 23 Jan 2019 14:11

Tgt Ion: 92 Resp: 6656

Ion Ratio Lower Upper

92 100

91 173.7 137.2 205.8



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

6000

4000

2000

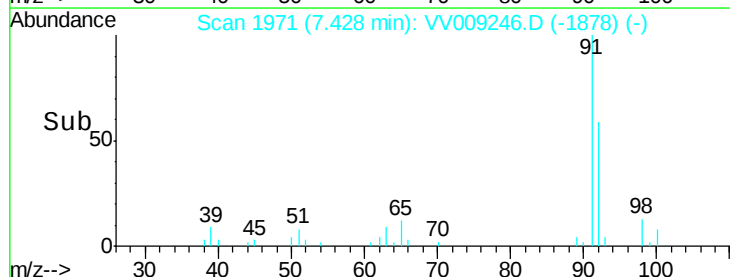
0

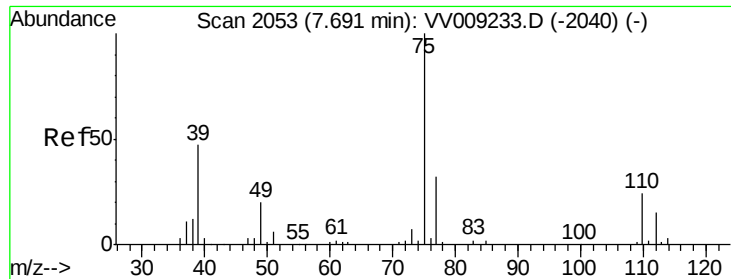
Time-->

7.40

7.45

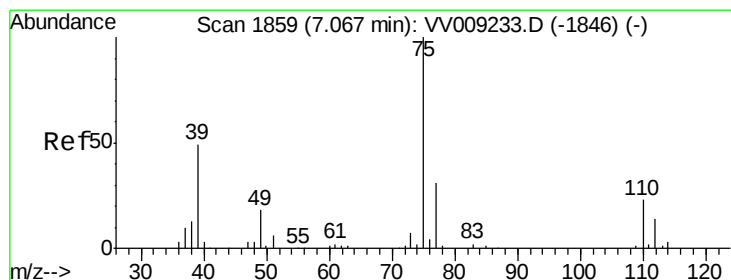
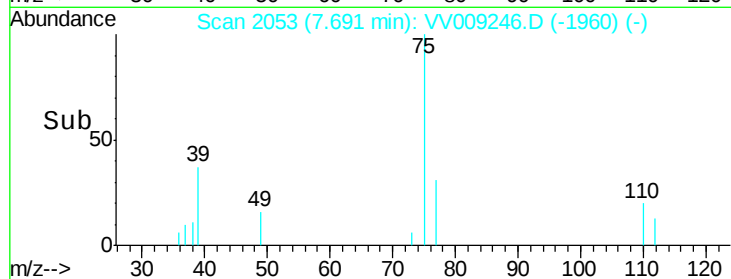
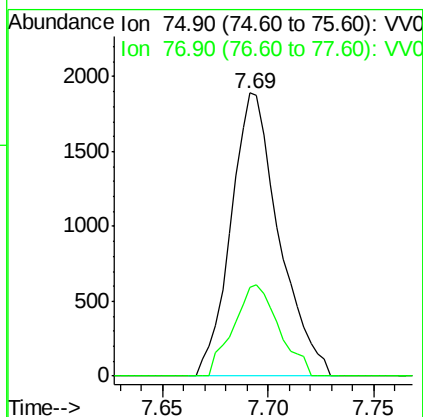
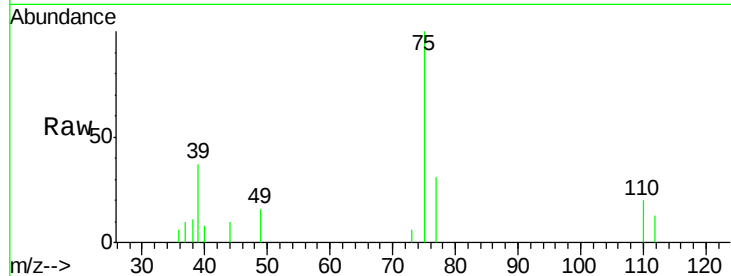
7.50





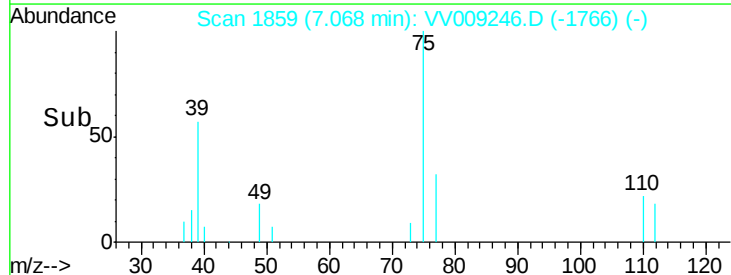
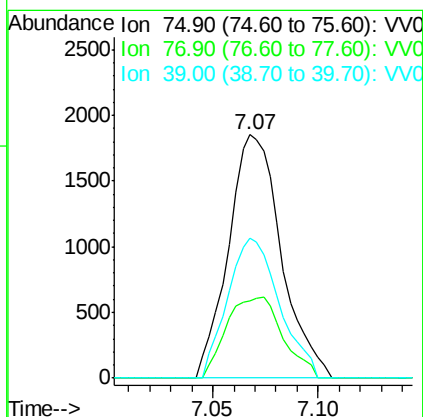
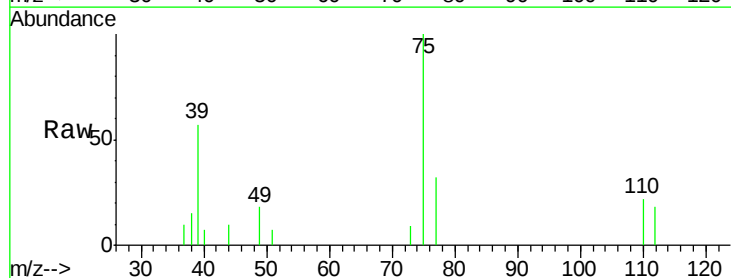
#53
t-1,3-Dichloropropene
Concen: 1.946 ug/l
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

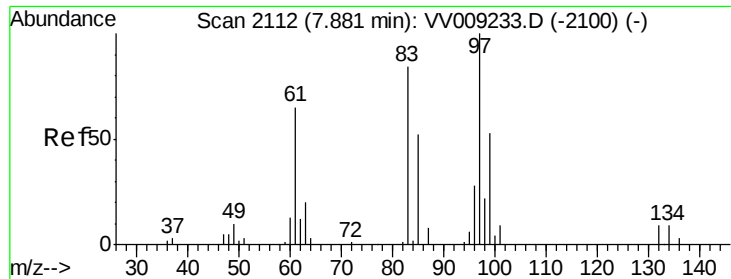
Tot Ion: 75 Resp: 2989
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 1.815 ug/l
RT: 7.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 75 Resp: 3211
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 57.3 38.8 58.2

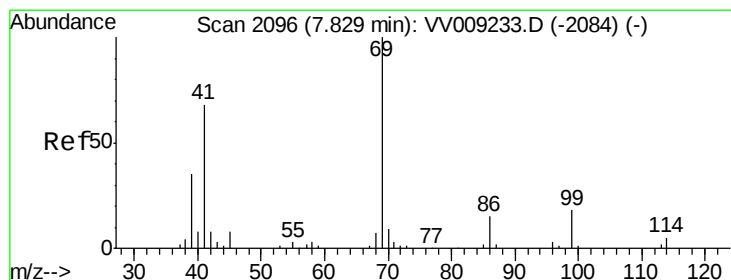
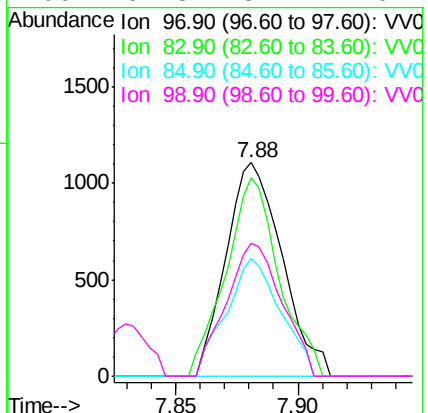
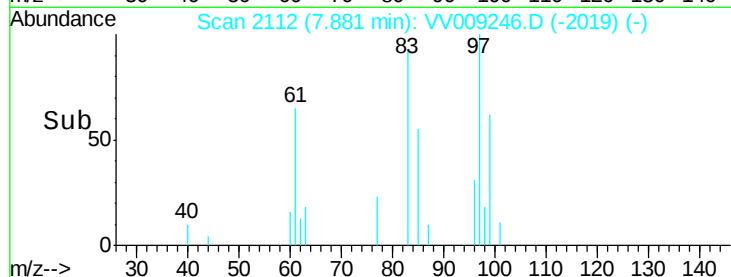
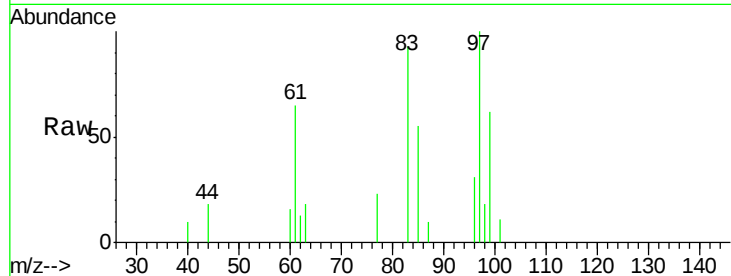




#55
1,1,2-Trichloroethane
Concen: 2.094 ug/l
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion: 97 Resp: 1762

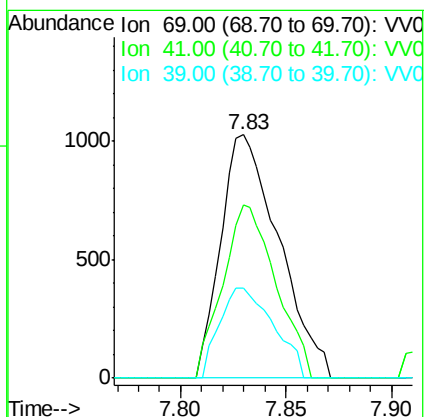
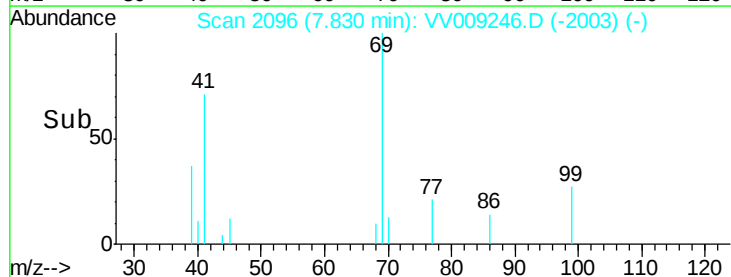
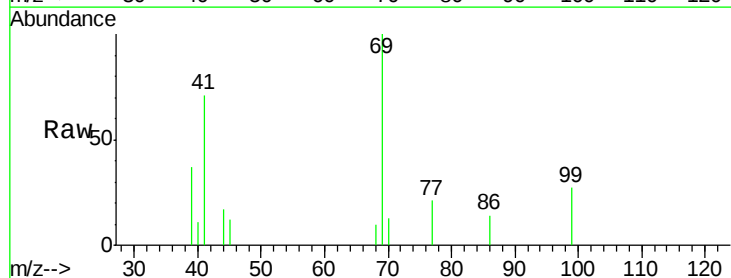
Ion	Ratio	Lower	Upper
97	100		
83	93.0	67.4	101.0
85	55.4	42.6	64.0
99	62.3	51.1	76.7

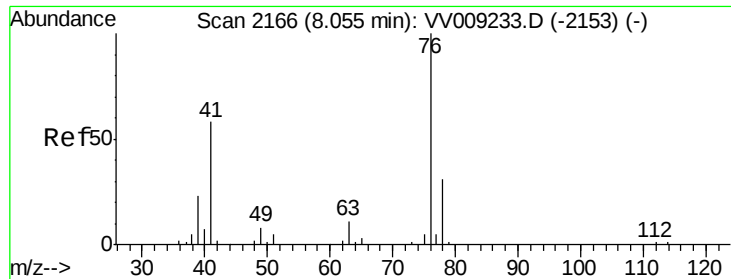


#56
Ethyl methacrylate
Concen: 2.002 ug/l
RT: 7.83 min Scan# 2096
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 69 Resp: 1963

Ion	Ratio	Lower	Upper
69	100		
41	65.0	54.0	81.0
39	34.3	26.8	40.2





#57

1,3-Dichloropropane

Concen: 2.126 ug/l

RT: 8.06 min Scan# 2167

Delta R.T. 0.00 min

Lab File: VV009246.D

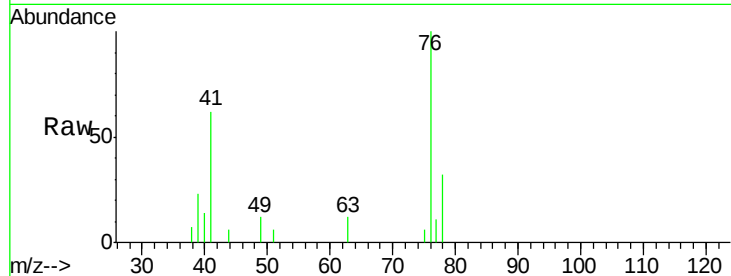
Acq: 23 Jan 2019 14:11

Tot Ion: 76 Resp: 3240

Ion Ratio Lower Upper

76 100

78 34.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-2153) (-)

Ion 77.90 (77.60 to 78.60): VV009246.D (-2073) (-)

8.06

2000

1500

1000

500

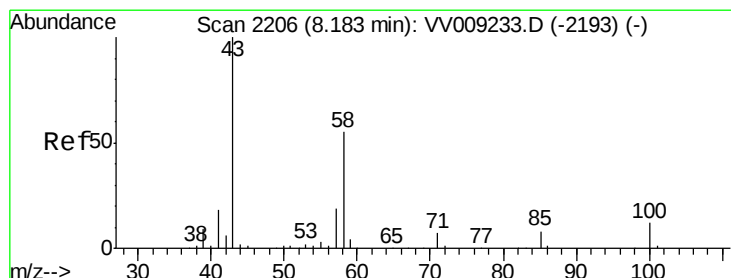
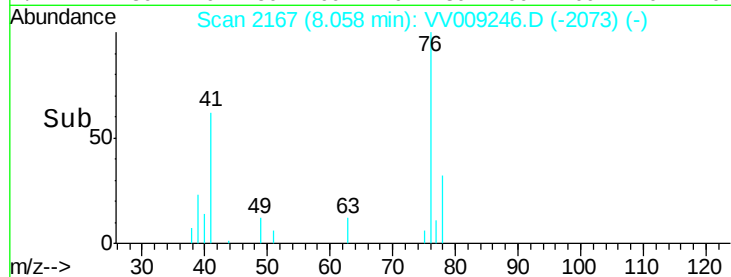
0

8.00

8.05

8.10

Time-->



#59

2-Hexanone

Concen: 10.166 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009246.D

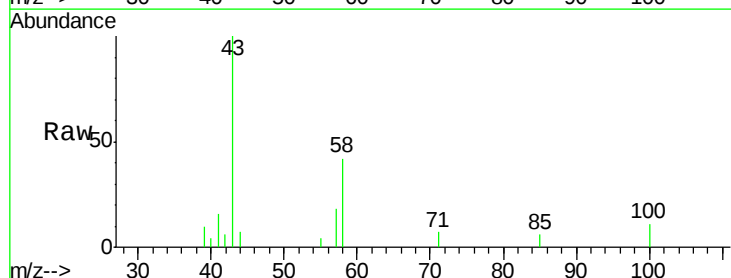
Acq: 23 Jan 2019 14:11

Tgt Ion: 43 Resp: 4881

Ion Ratio Lower Upper

43 100

58 46.1 27.5 82.5



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

Ion 58.00 (57.70 to 58.70): VV009246.D (-2113) (-)

8.19

3000

2500

2000

1500

1000

500

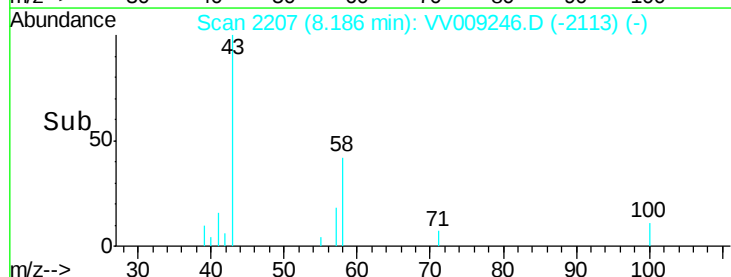
0

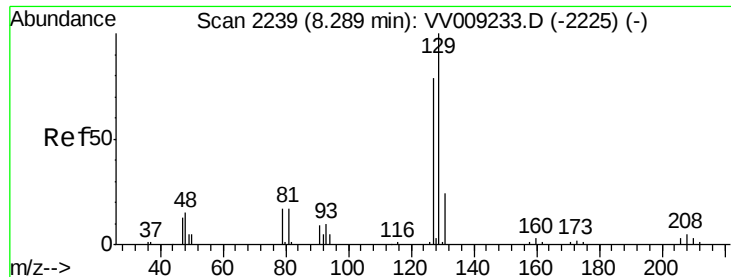
8.15

8.20

8.25

Time-->





#60

Dibromochloromethane

Concen: 1.925 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009246.D

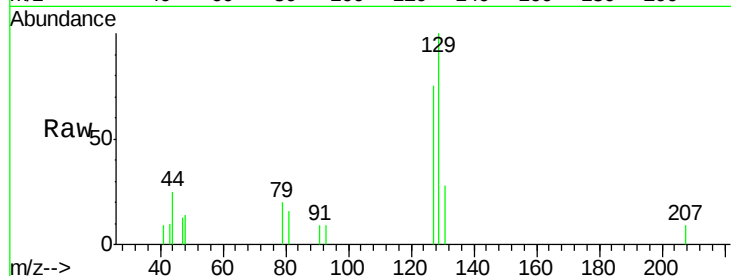
Acq: 23 Jan 2019 14:11

Tot Ion:129 Resp: 1897

Ion Ratio Lower Upper

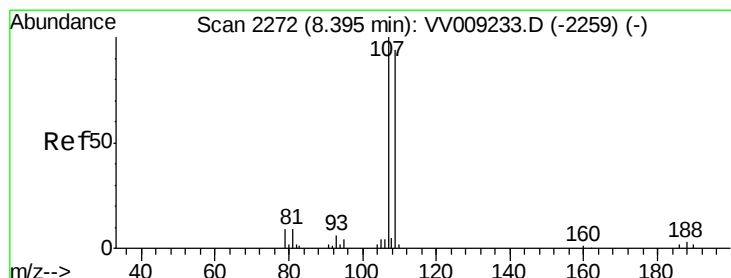
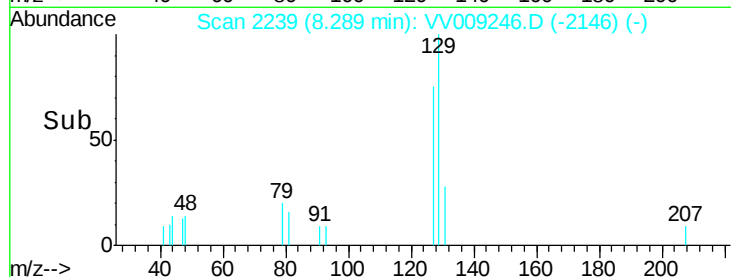
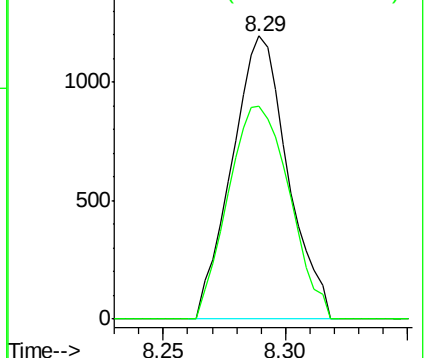
129 100

127 82.8 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.917 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009246.D

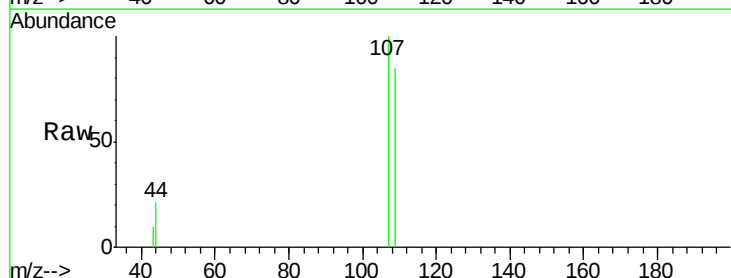
Acq: 23 Jan 2019 14:11

Tgt Ion:107 Resp: 1578

Ion Ratio Lower Upper

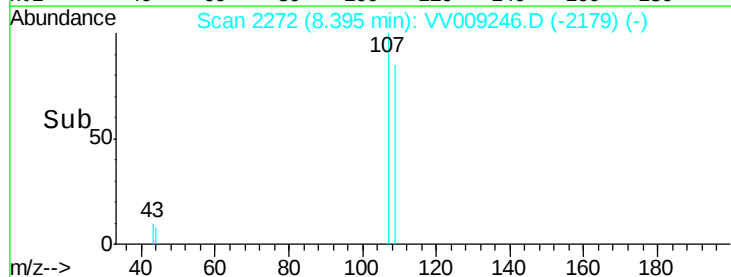
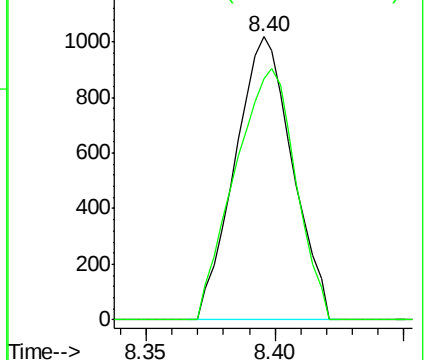
107 100

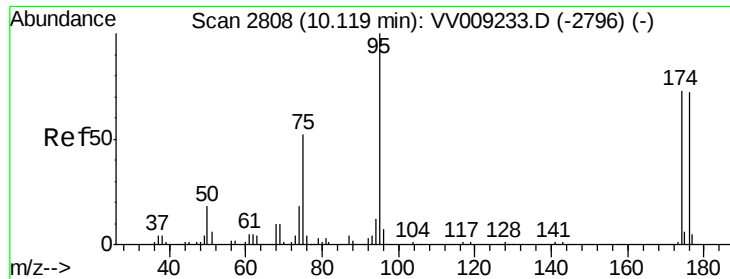
109 94.0 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

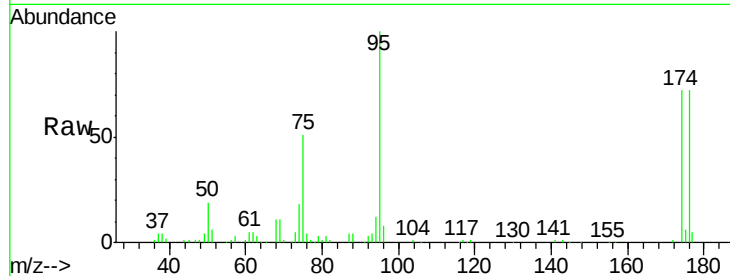
Ion 108.80 (108.50 to 109.50): V



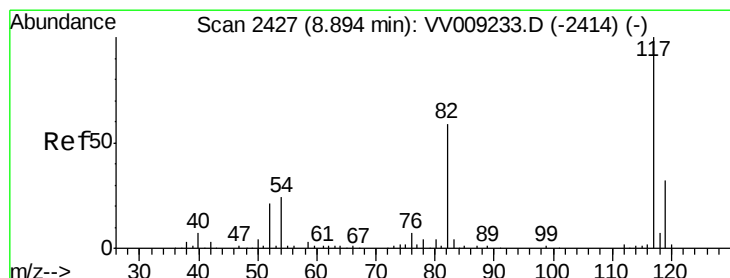
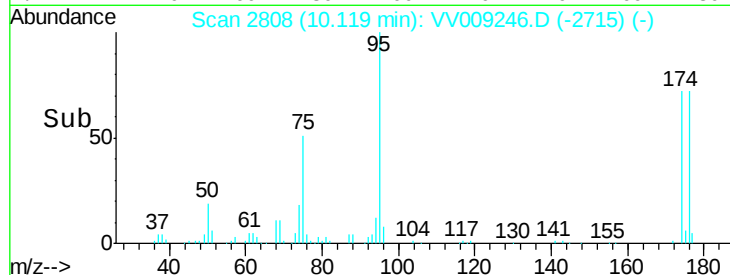
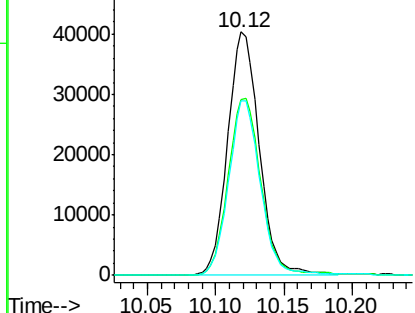


#62
 4-Bromofluorobenzene
 Concen: 43.983 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tot Ion: 95 Resp: 65412
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 148.2
 176 71.6 0.0 143.0

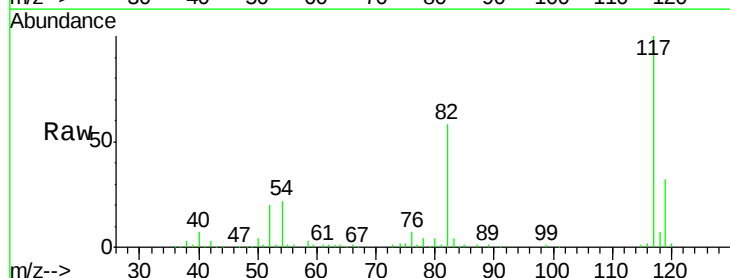


Abundance Ion 94.90 (94.60 to 95.60): VV009233.D (-2796) (-)
 Ion 173.80 (173.50 to 174.50): VV009233.D (-2796) (-)
 Ion 175.80 (175.50 to 176.50): VV009233.D (-2796) (-)

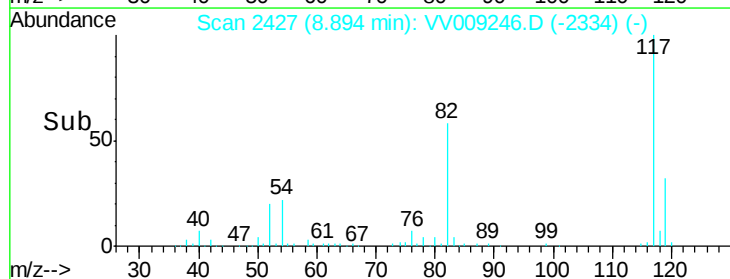
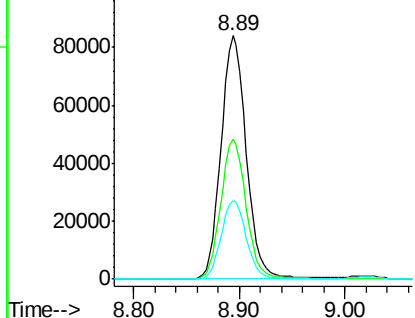


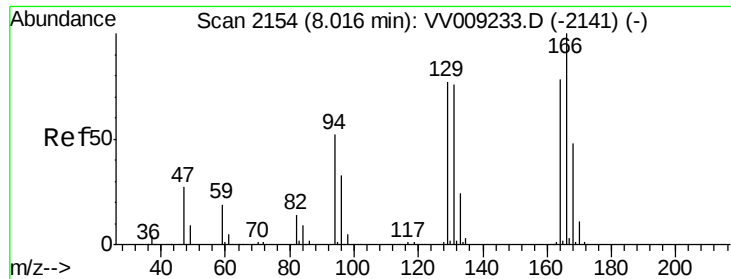
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 8.89 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion: 117 Resp: 139902
 Ion Ratio Lower Upper
 117 100
 82 57.5 47.0 70.6
 119 32.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VV009233.D (-2414) (-)
 Ion 82.00 (81.70 to 82.70): VV009233.D (-2414) (-)
 Ion 118.90 (118.60 to 119.60): VV009233.D (-2414) (-)





#64

Tetrachloroethene

Concen: 2.257 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tot Ion:164 Resp: 2247

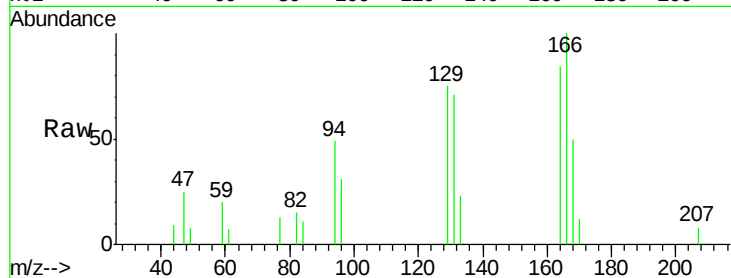
Ion Ratio Lower Upper

164 100

166 119.6 102.1 153.1

129 89.2 78.1 117.1

131 85.0 78.0 117.0

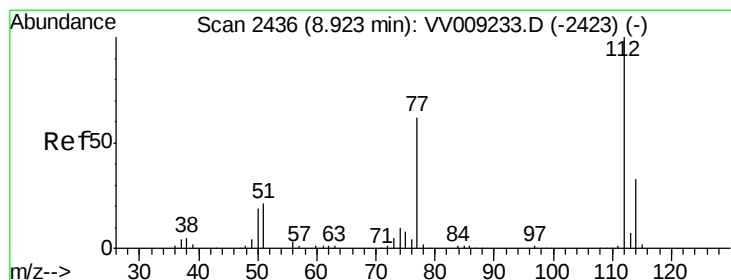
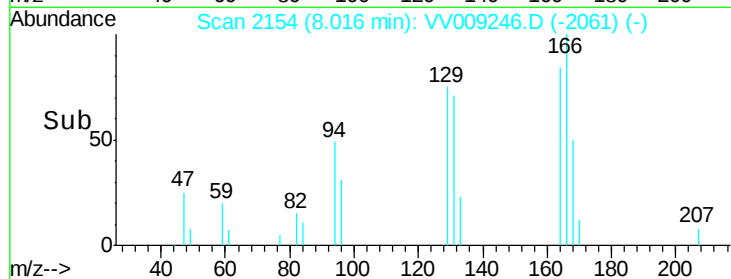
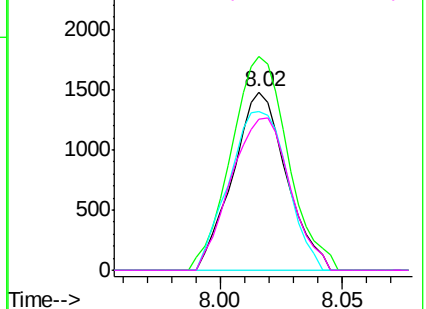


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.198 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV009246.D

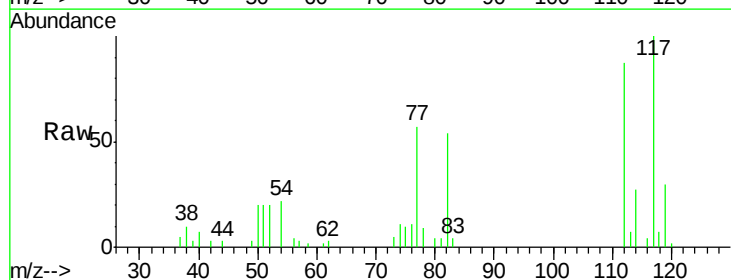
Acq: 23 Jan 2019 14:11

Tgt Ion:112 Resp: 7154

Ion Ratio Lower Upper

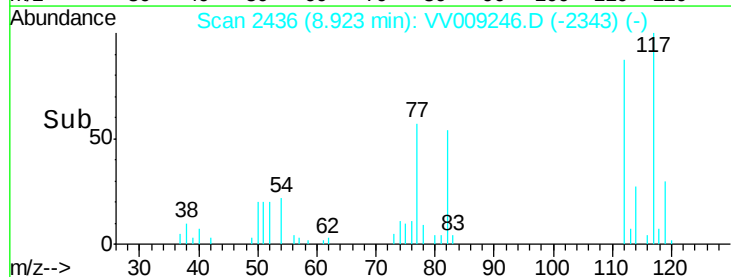
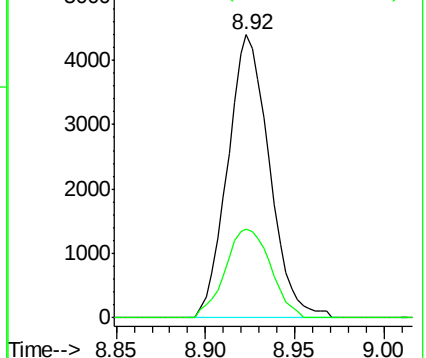
112 100

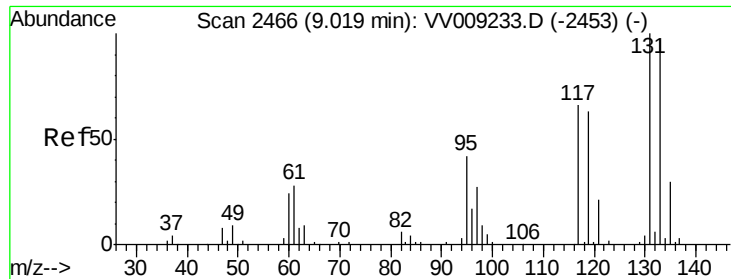
114 31.2 26.0 39.0



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: 2.187 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

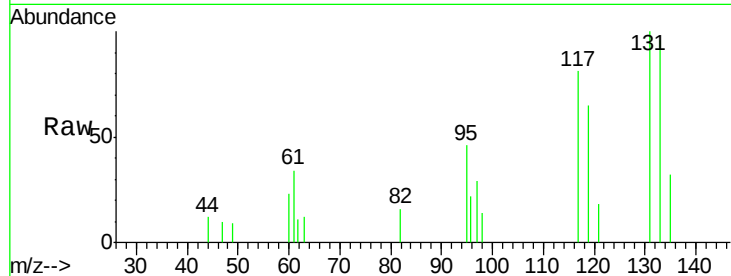
Tot Ion:131 Resp: 2433

Ion Ratio Lower Upper

131 100

133 92.0 48.3 144.9

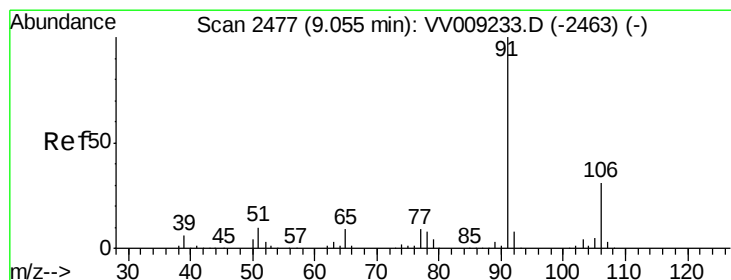
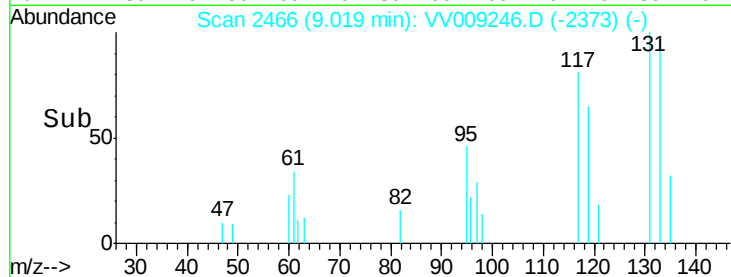
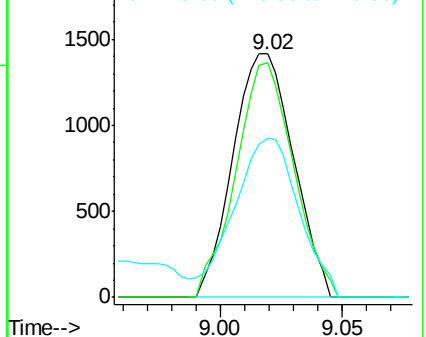
119 70.9 31.2 93.6



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: 2.081 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009246.D

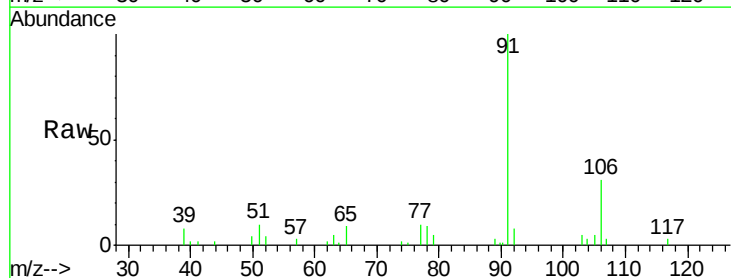
Acq: 23 Jan 2019 14:11

Tgt Ion: 91 Resp: 12067

Ion Ratio Lower Upper

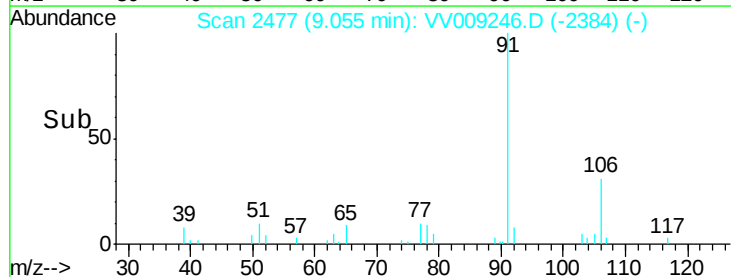
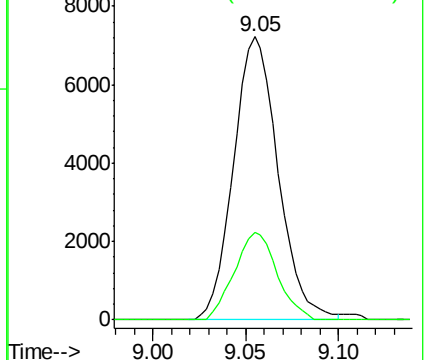
91 100

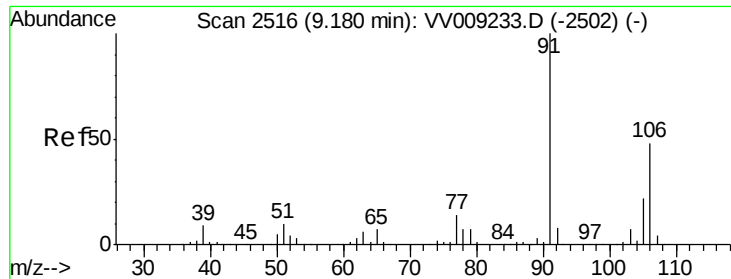
106 30.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

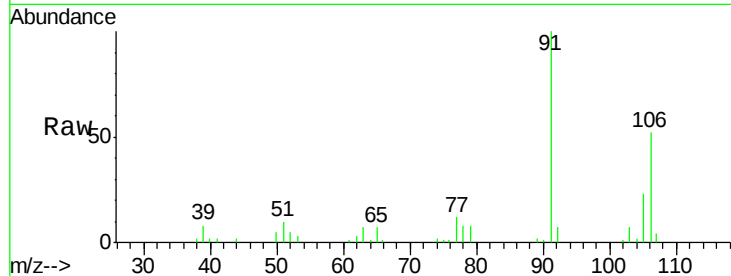
Ion 106.00 (105.70 to 106.70): V



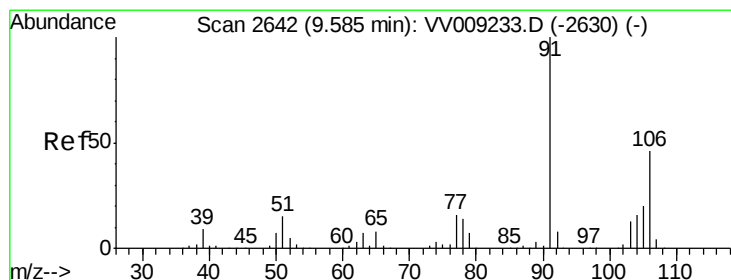
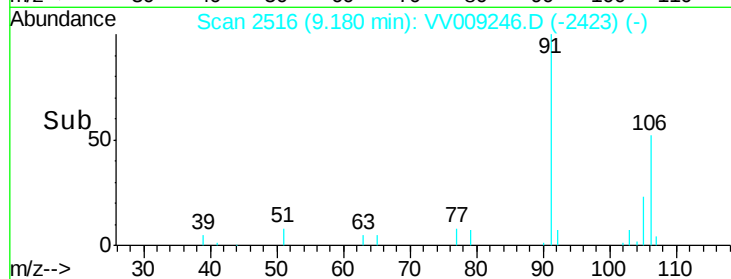
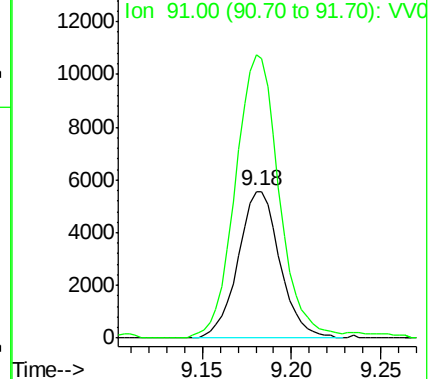


#68
m/p-Xylenes
Concen: 4.142 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion:106 Resp: 9118
Ion Ratio Lower Upper
106 100
91 200.9 167.1 250.7

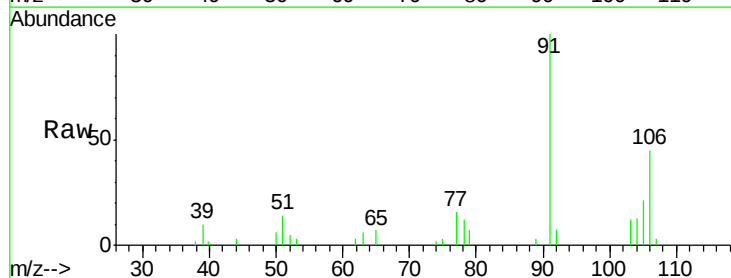


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

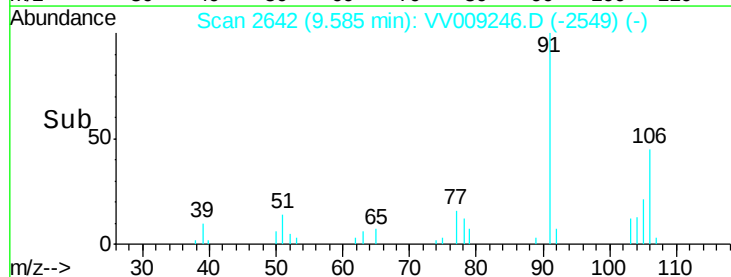
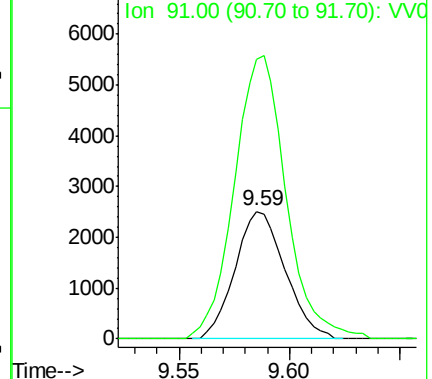


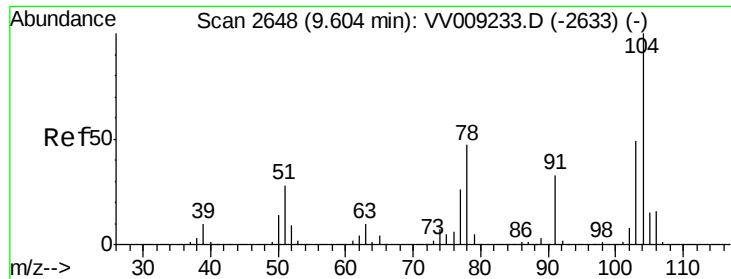
#69
o-Xylene
Concen: 1.939 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion:106 Resp: 3957
Ion Ratio Lower Upper
106 100
91 230.1 109.3 327.8



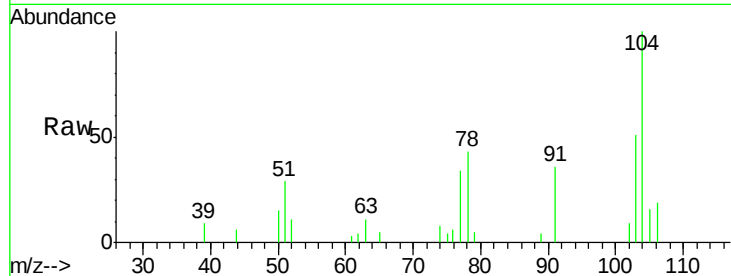
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



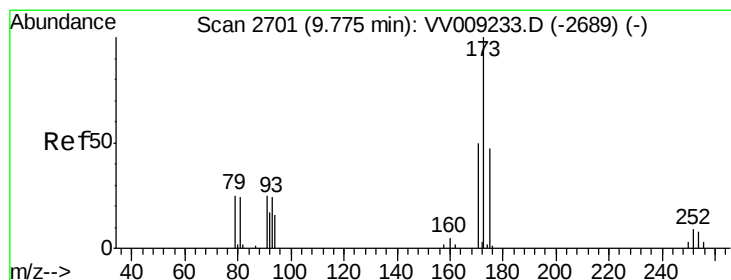
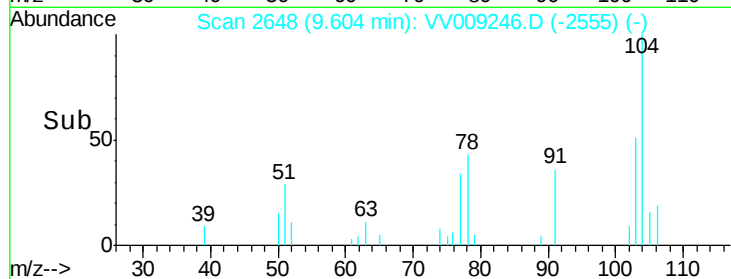
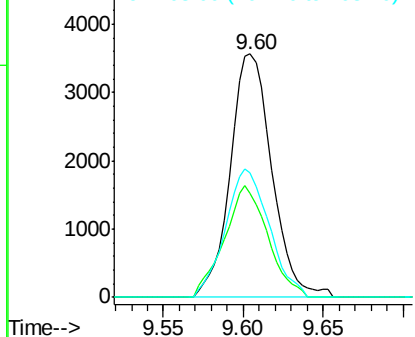


#70
Stvrene
Concen: 1.936 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion:104 Resp: 6306
Ion Ratio Lower Upper
104 100
78 48.0 43.1 64.7
103 55.7 43.8 65.8

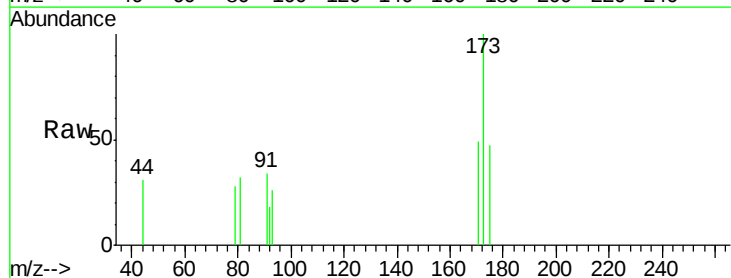


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V

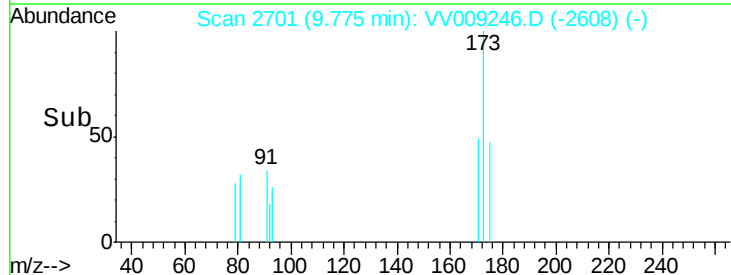
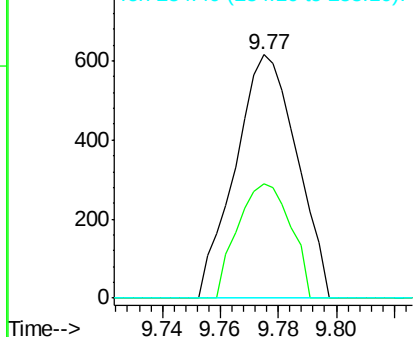


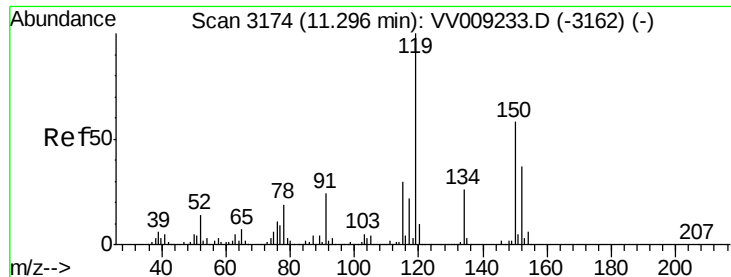
#71
Bromoform
Concen: 1.727 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion:173 Resp: 906
Ion Ratio Lower Upper
173 100
175 40.4 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

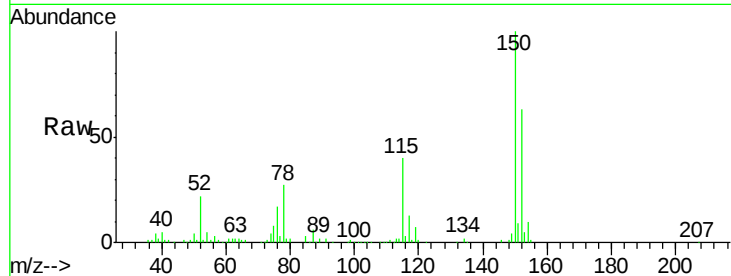




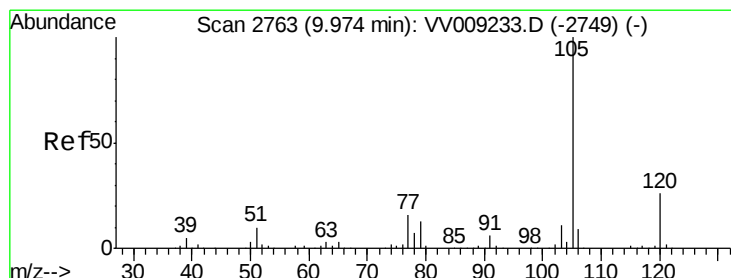
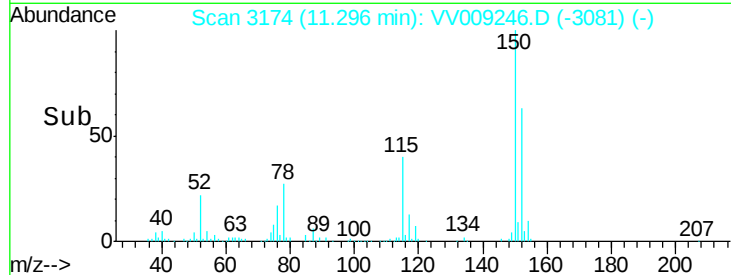
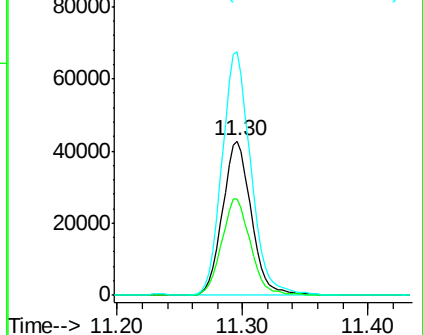
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion:152 Resp: 68020
Ion Ratio Lower Upper
152 100
115 63.0 45.0 134.8
150 158.6 0.0 346.4



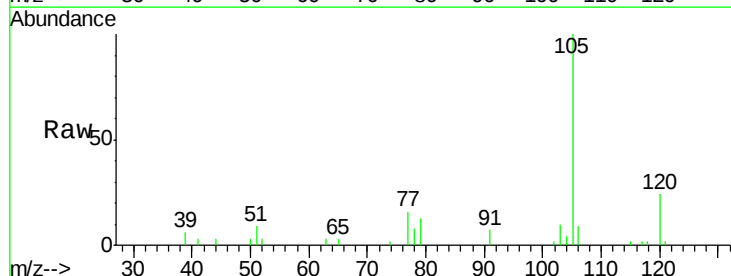
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



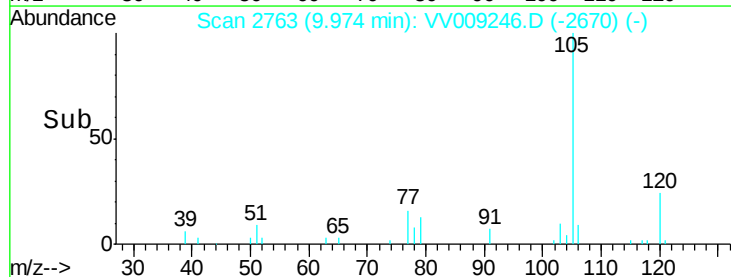
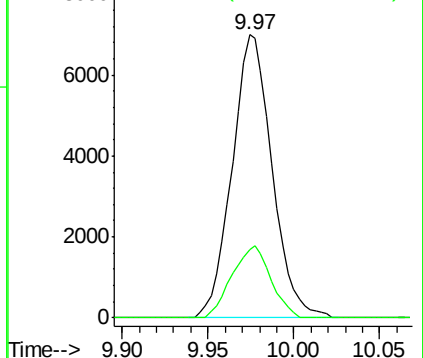
#73

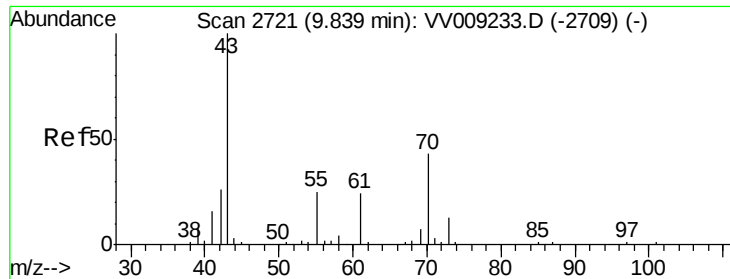
Isopropylbenzene
Concen: 2.005 ug/l
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion:105 Resp: 11262
Ion Ratio Lower Upper
105 100
120 24.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.940 ug/l

RT: 9.84 min Scan# 2721

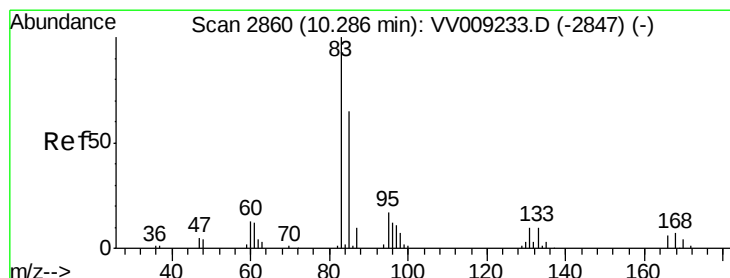
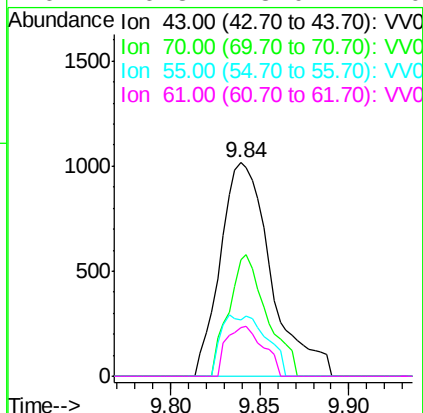
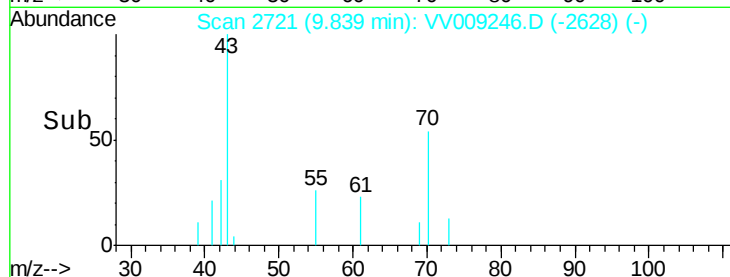
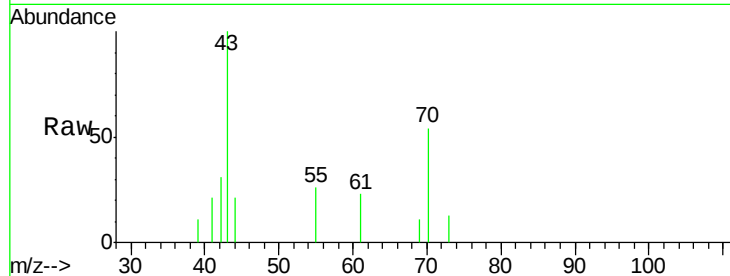
Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tot Ion: 43 Resp: 2015

Ion	Ratio	Lower	Upper
43	100		
70	42.6	33.0	49.6
55	25.6	18.7	28.1
61	16.8	18.0	27.0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.261 ug/l

RT: 10.29 min Scan# 2860

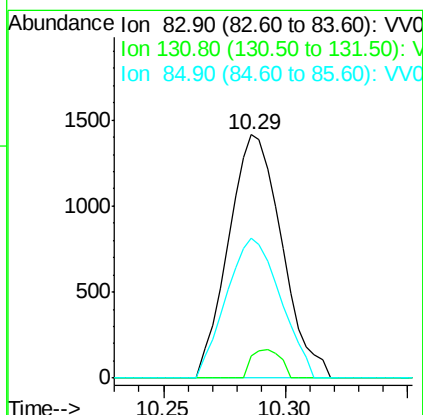
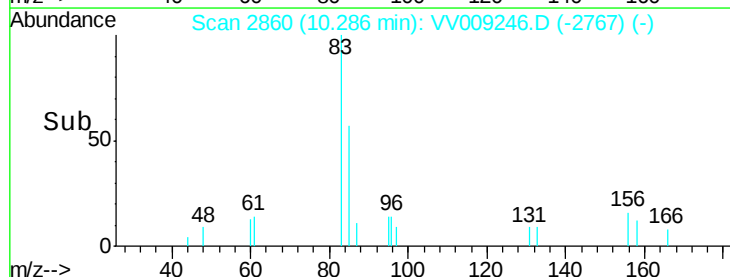
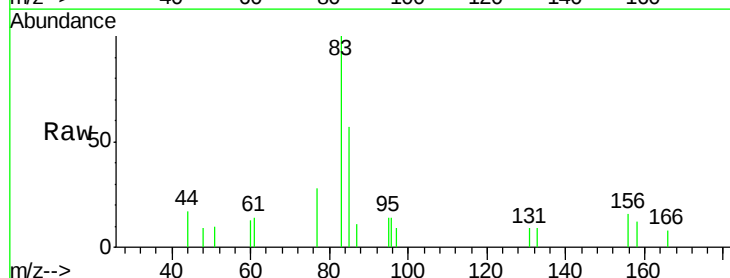
Delta R.T. 0.00 min

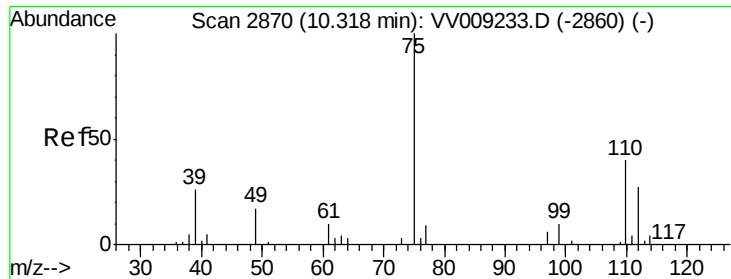
Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tgt Ion: 83 Resp: 2141

Ion	Ratio	Lower	Upper
83	100		
131	6.4	5.1	15.3
85	58.6	32.6	98.0

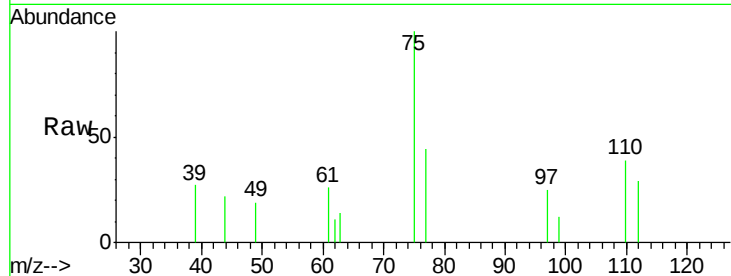




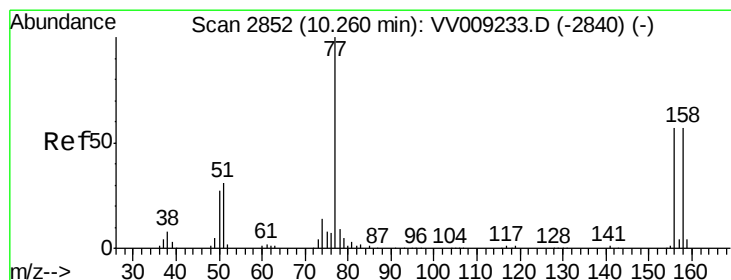
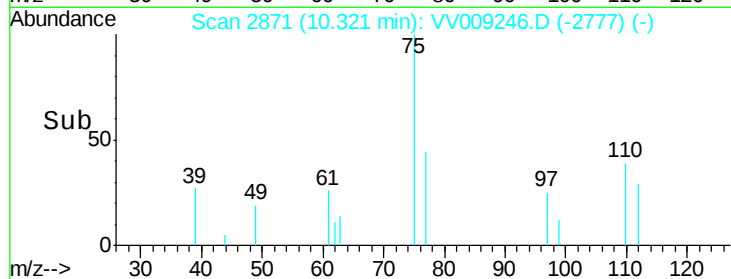
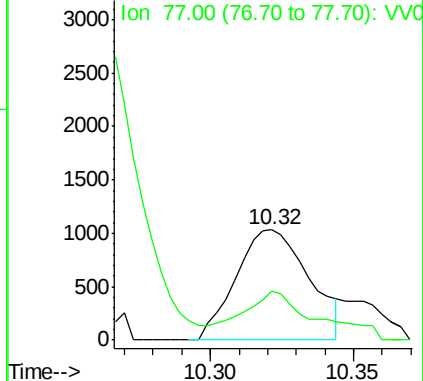
#76

1,2,3-Trichloropropane
Concen: 2.477 ug/l m
RT: 10.32 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tot Ion: 75 Resp: 1845
Ion Ratio Lower Upper
75 100
77 45.5 24.6 73.8



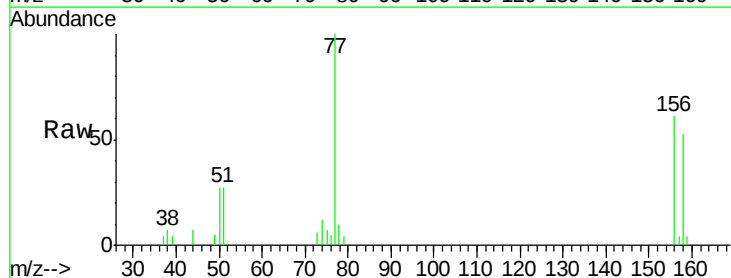
Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2860) (-)
Ion 77.00 (76.70 to 77.70): VV009246.D (-2777) (-)



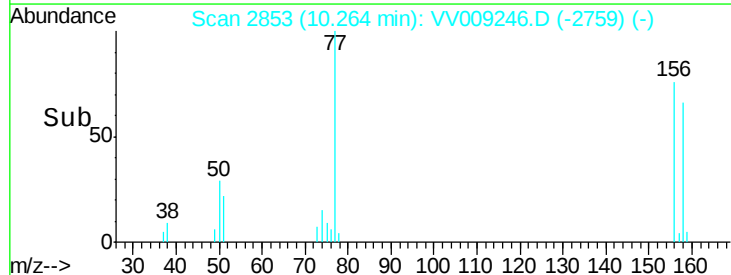
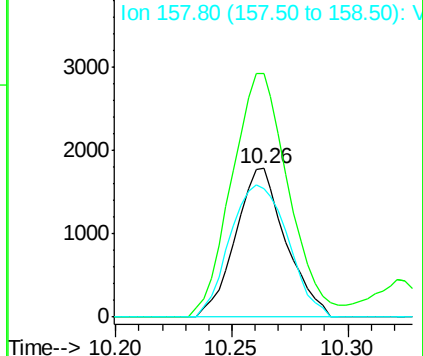
#77

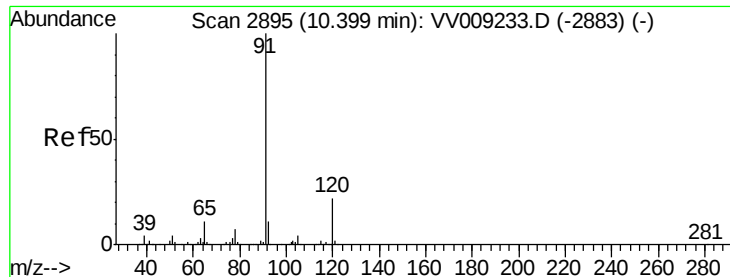
Bromobenzene
Concen: 2.241 ug/l
RT: 10.26 min Scan# 2853
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

Tgt Ion: 156 Resp: 2692
Ion Ratio Lower Upper
156 100
77 184.1 86.0 258.0
158 101.9 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): VV009233.D (-2840) (-)
Ion 77.00 (76.70 to 77.70): VV009246.D (-2759) (-)
Ion 157.80 (157.50 to 158.50): VV009246.D (-2759) (-)





#78

n-propylbenzene

Concen: 2.173 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009246.D

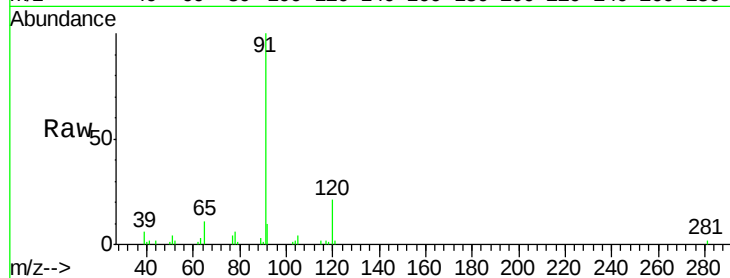
Acq: 23 Jan 2019 14:11

Tot Ion: 91 Resp: 14468

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2883) (-)

Ion 120.00 (119.70 to 120.70): VV009233.D (-2883) (-)

10000

8000

6000

4000

2000

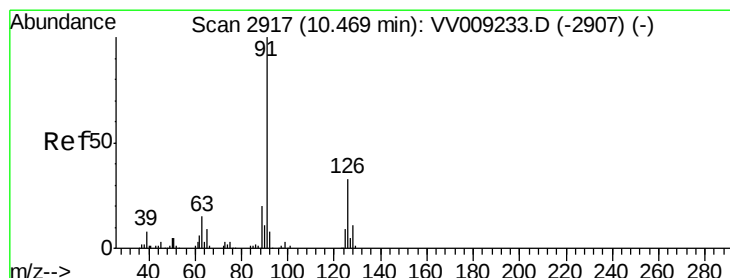
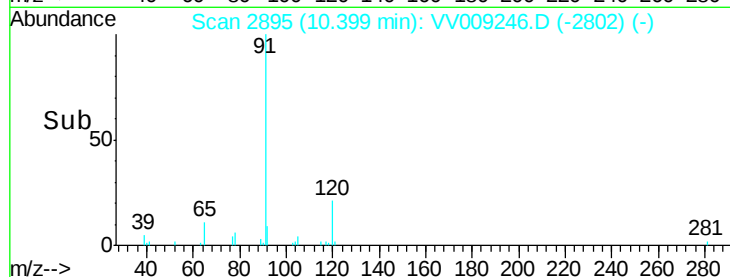
0

10.35

10.40

10.45

Time-->



#79

2-Chlorotoluene

Concen: 2.221 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009246.D

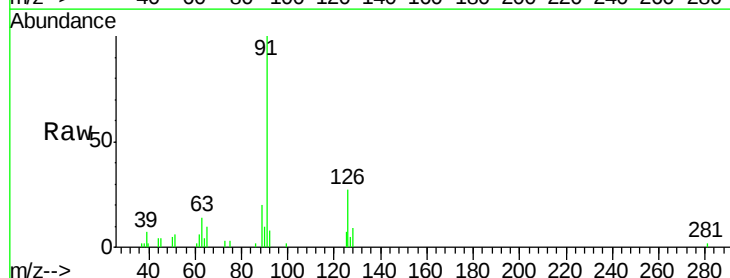
Acq: 23 Jan 2019 14:11

Tgt Ion: 91 Resp: 8925

Ion Ratio Lower Upper

91 100

126 28.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2907) (-)

Ion 125.90 (125.60 to 126.60): VV009233.D (-2907) (-)

10000

8000

6000

4000

2000

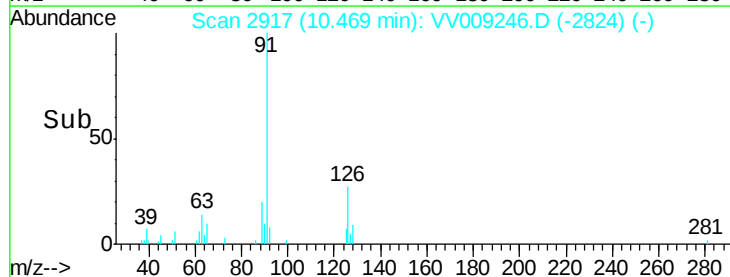
0

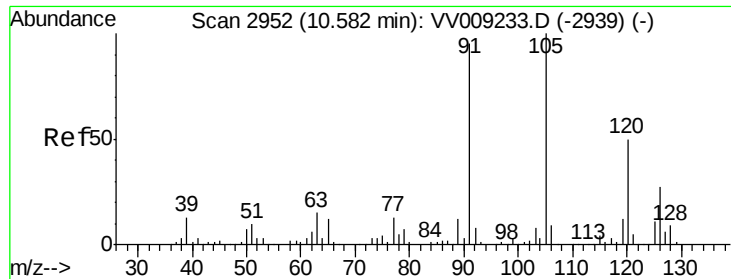
10.40

10.45

10.50

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 2.011 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009246.D

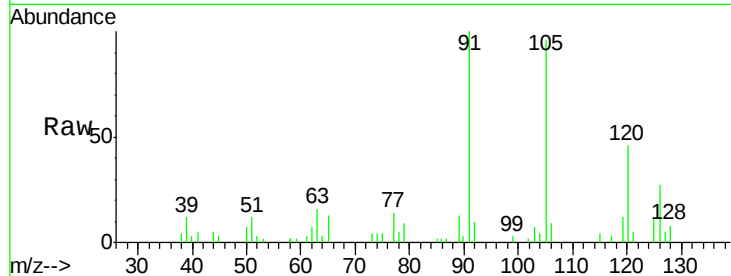
Acq: 23 Jan 2019 14:11

Tot Ion:105 Resp: 9475

Ion Ratio Lower Upper

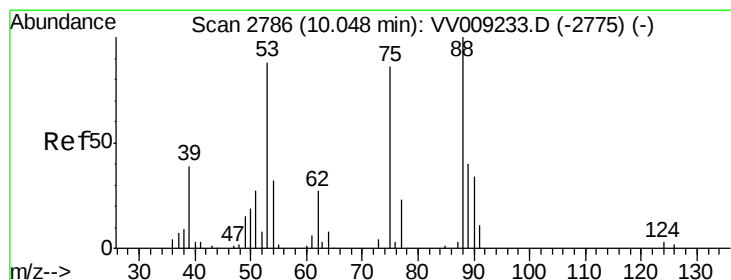
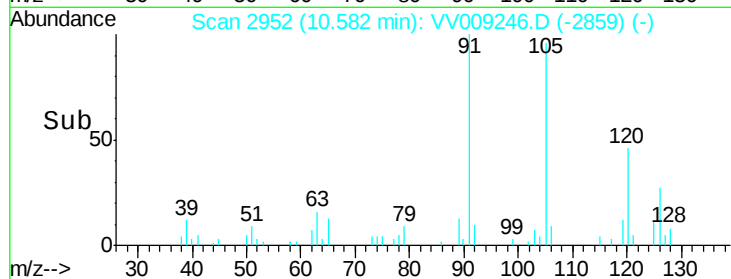
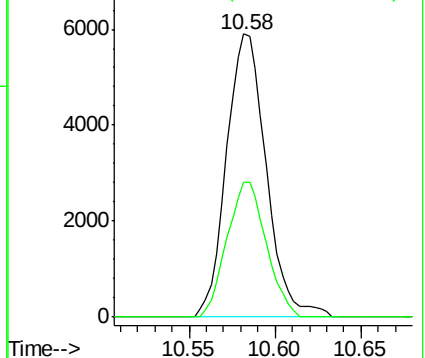
105 100

120 47.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.497 ug/l m

RT: 10.04 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

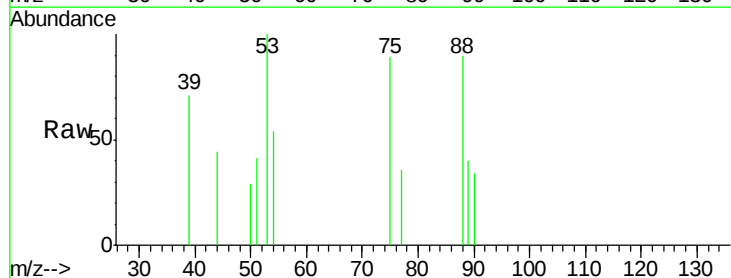
Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

53 0.0 82.1 123.1#

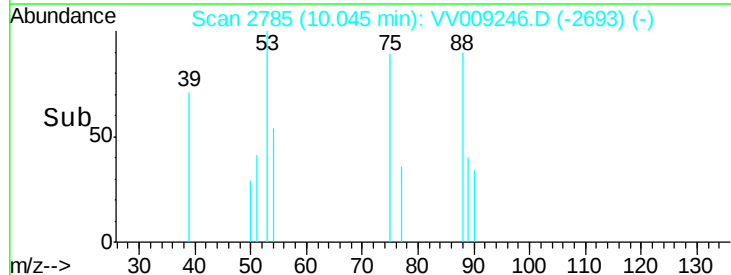
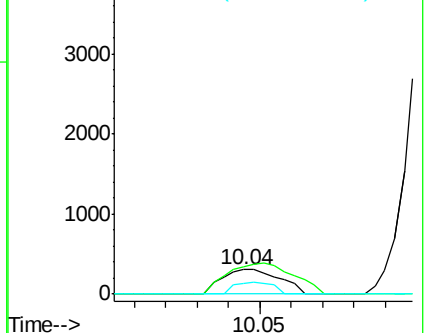
89 0.0 36.2 54.4#

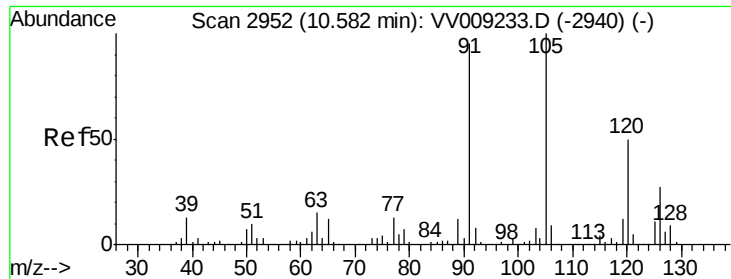


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 53.00 (52.70 to 53.70): VV0

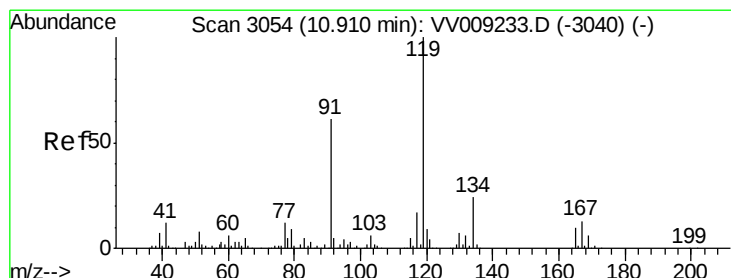
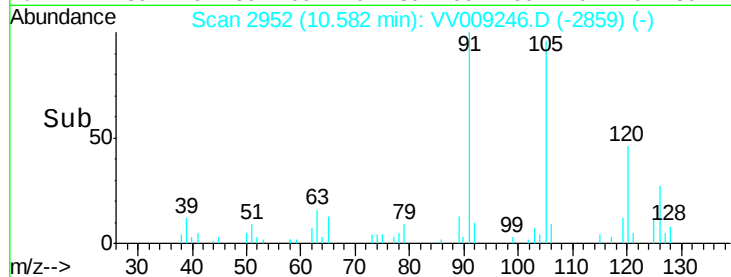
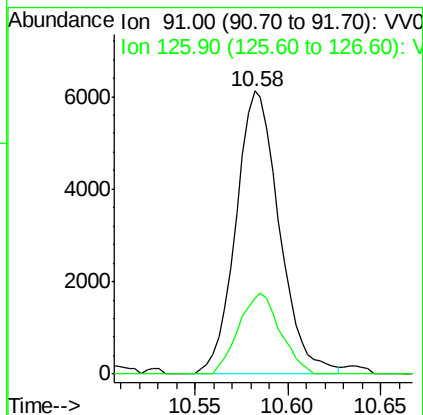
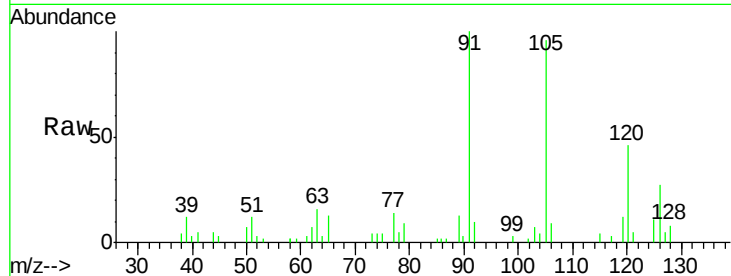
Ion 88.90 (88.60 to 89.60): VV0





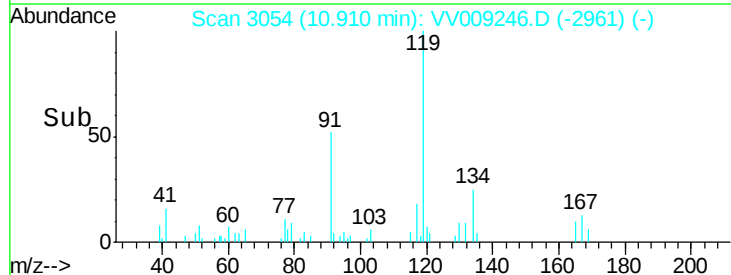
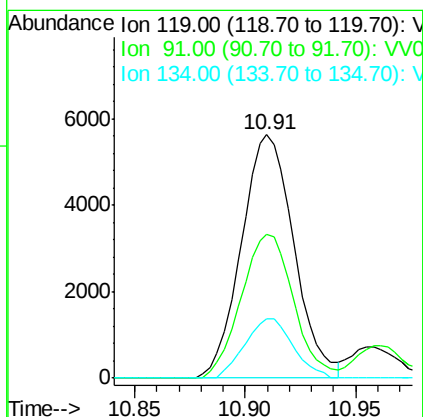
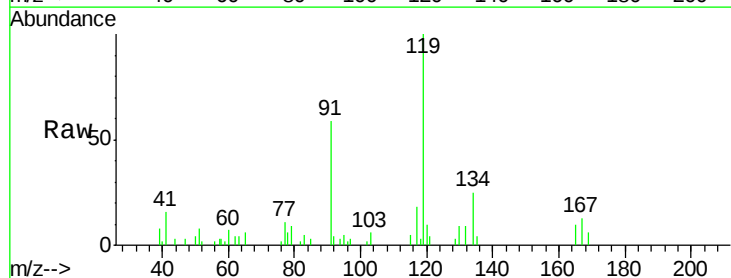
#82
4-Chlorotoluene
Concen: 2.107 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

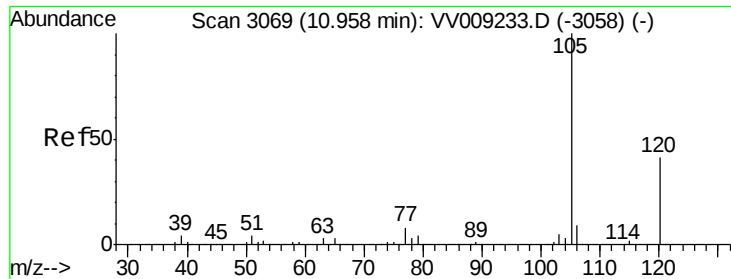
Tot Ion: 91 Resp: 9969
Ion Ratio Lower Upper
91 100
126 27.2 14.3 42.9



#83
tert-Butylbenzene
Concen: 2.072 ug/l
RT: 10.91 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

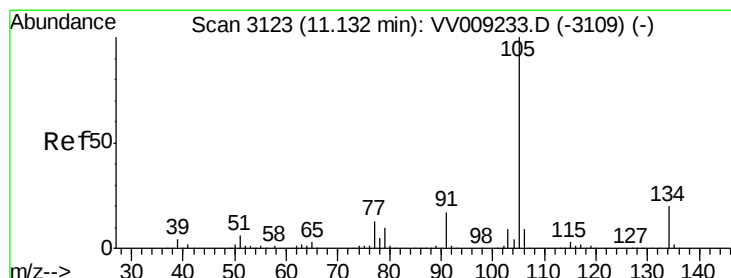
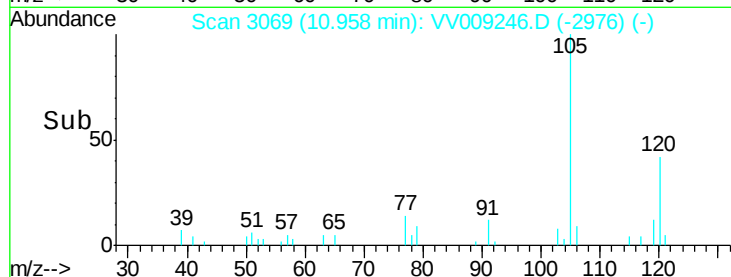
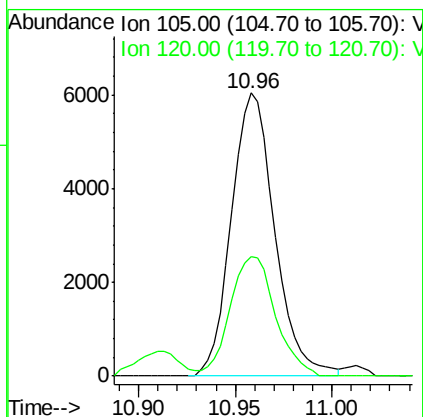
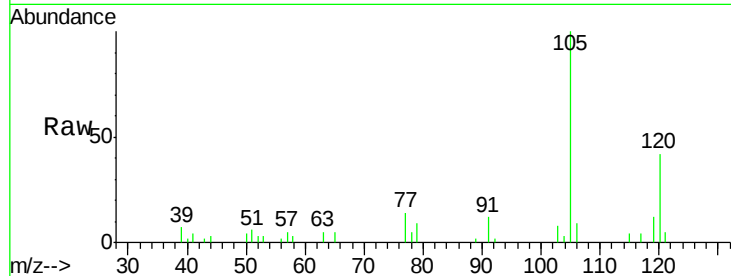
Tgt Ion: 119 Resp: 9294
Ion Ratio Lower Upper
119 100
91 58.8 30.0 90.1
134 22.3 11.9 35.7





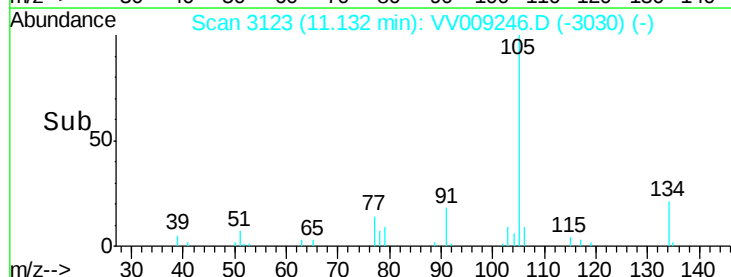
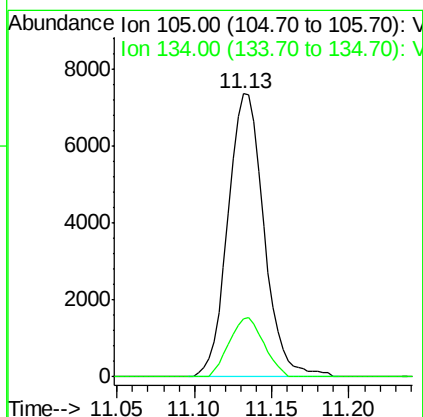
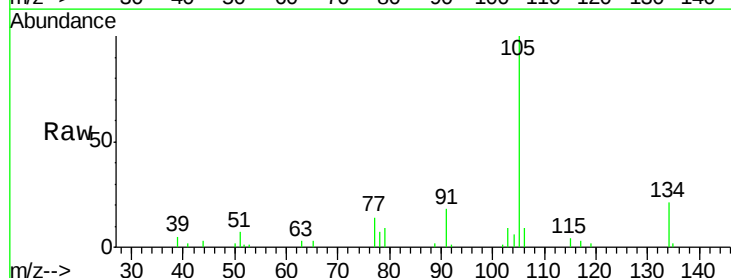
#84
 1,2,4-Trimethylbenzene
 Concen: 1.985 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

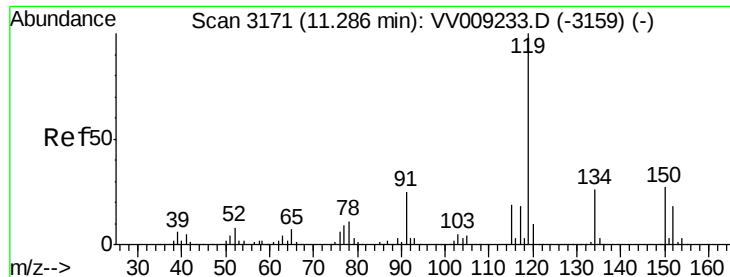
Tot Ion:105 Resp: 9432
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 2.029 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

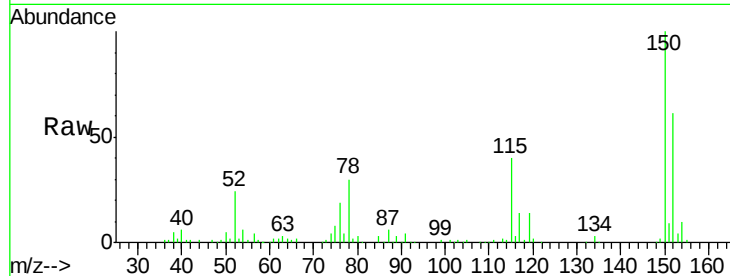
Tgt Ion:105 Resp: 11919
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



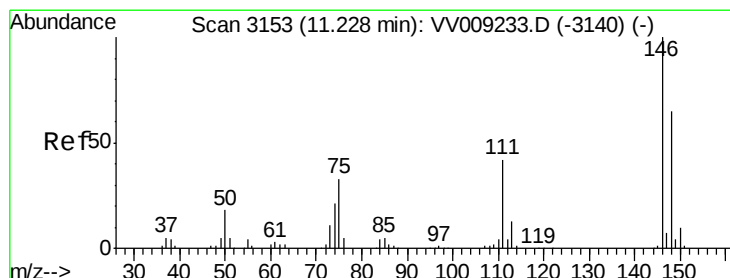
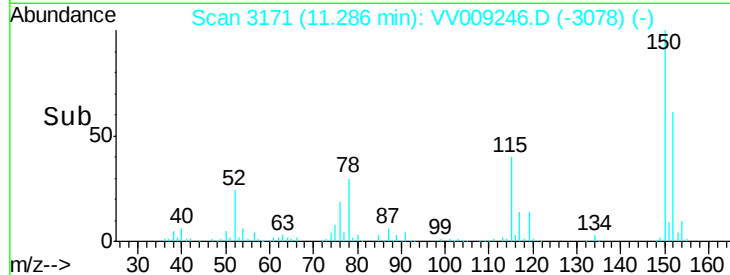
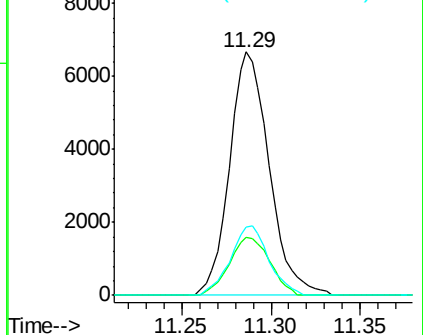


#86
 p-Isopropyltoluene
 Concen: 1.996 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.5	13.0	38.9
91	27.6	12.4	37.2

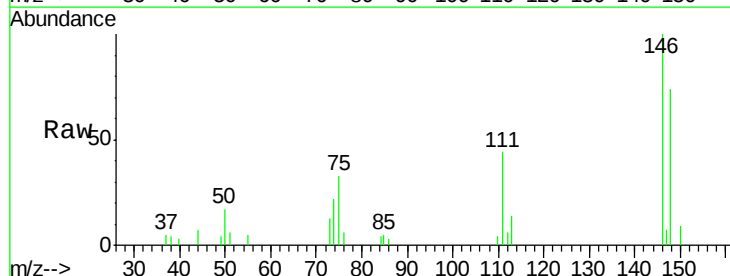


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

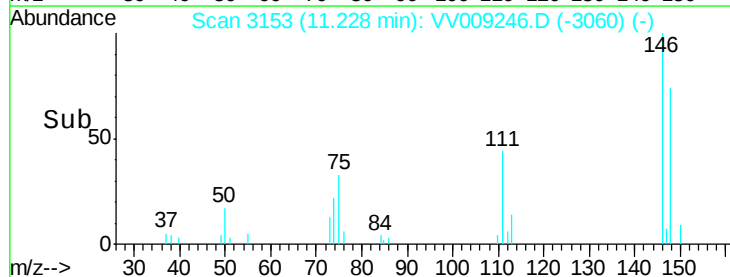
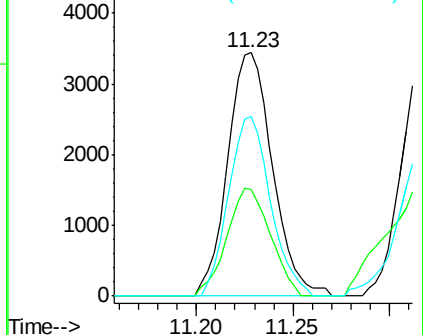


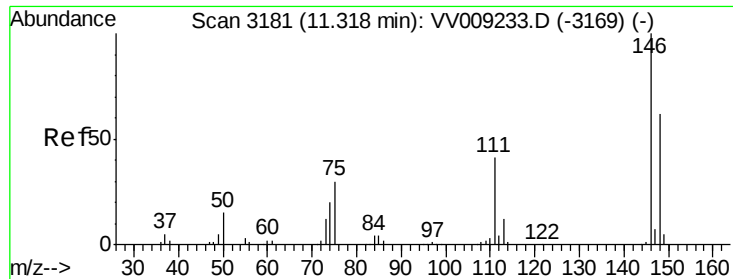
#87
 1,3-Dichlorobenzene
 Concen: 2.225 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	69.1	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: 2.485 ug/l

RT: 11.32 min Scan# 3181

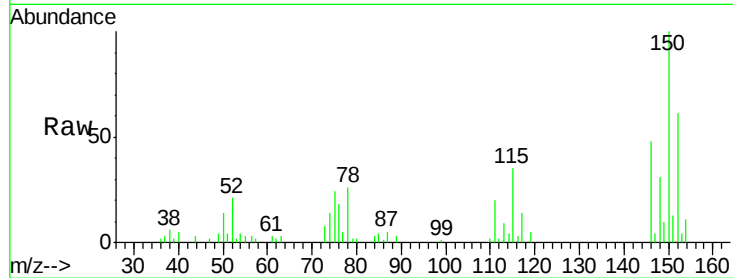
Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tot Ion:146 Resp: 6267

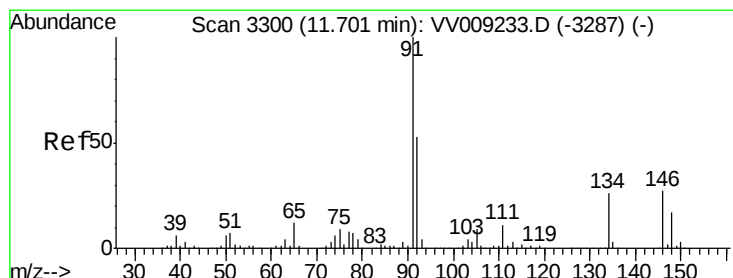
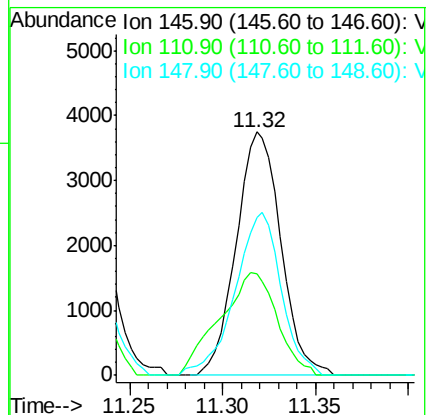
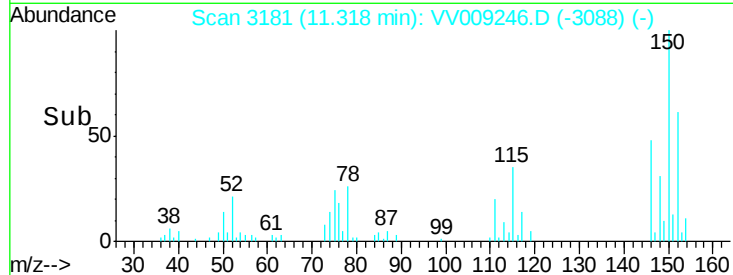
Ion	Ratio	Lower	Upper
146	100		
111	54.1	20.5	61.5
148	69.1	31.4	94.3



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: 2.052 ug/l

RT: 11.70 min Scan# 3300

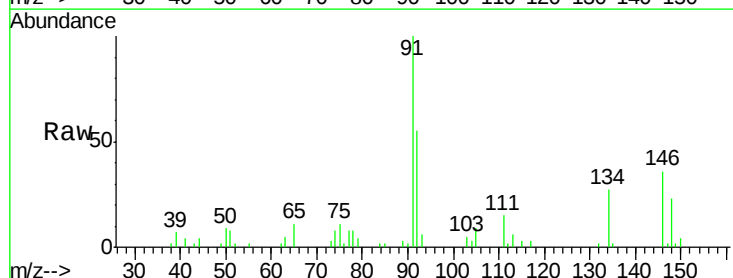
Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

Tgt Ion: 91 Resp: 10248

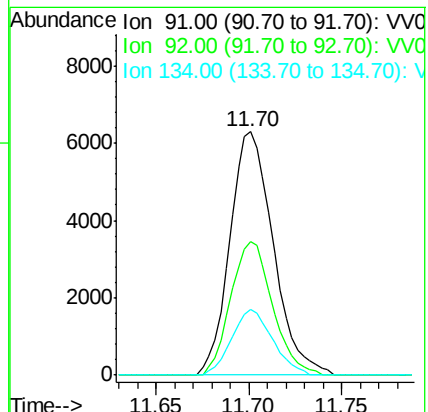
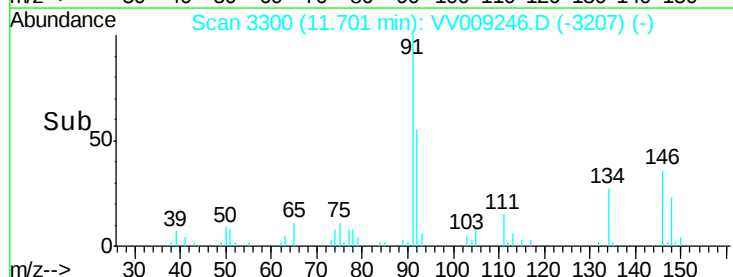
Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.2	81.5
134	25.2	12.6	37.8

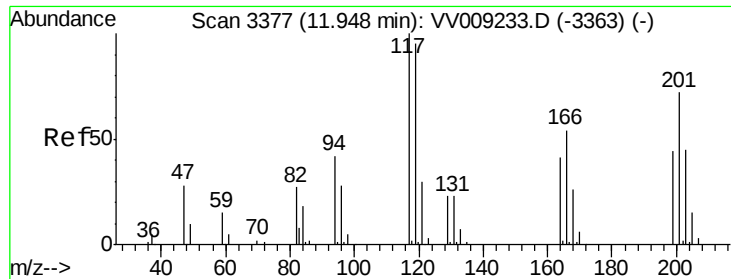


Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

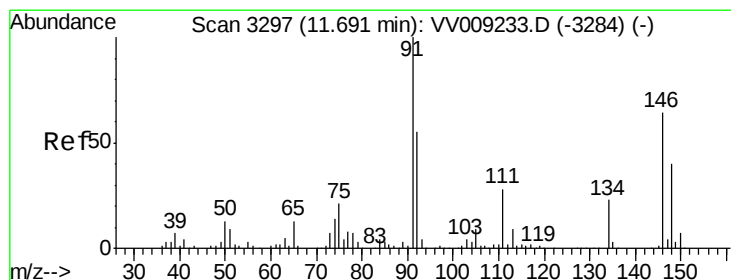
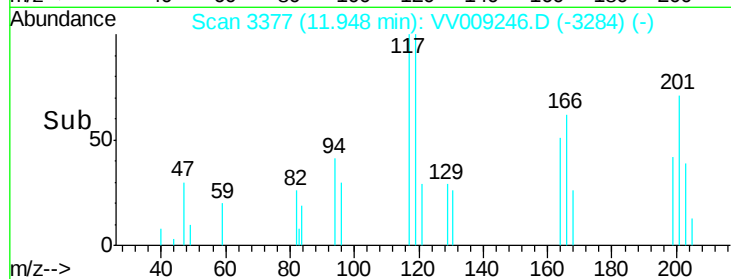
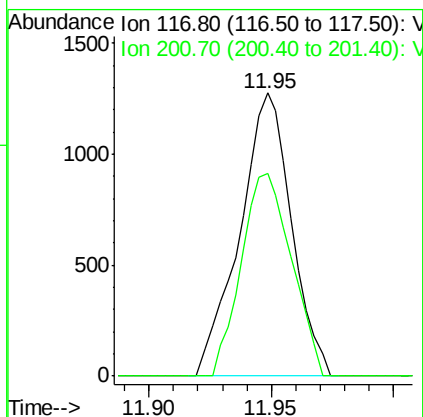
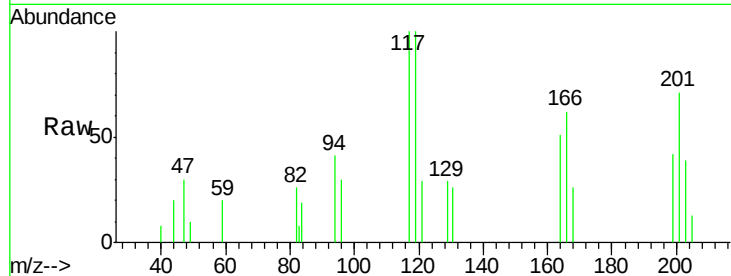
Ion 134.00 (133.70 to 134.70): V





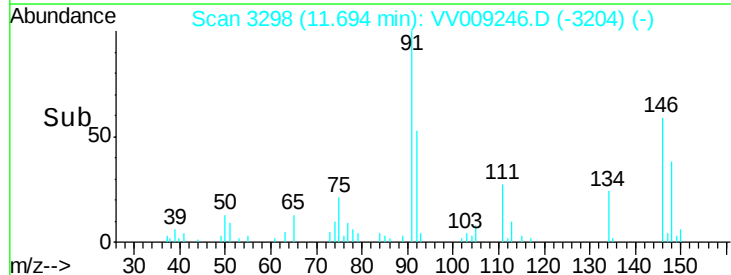
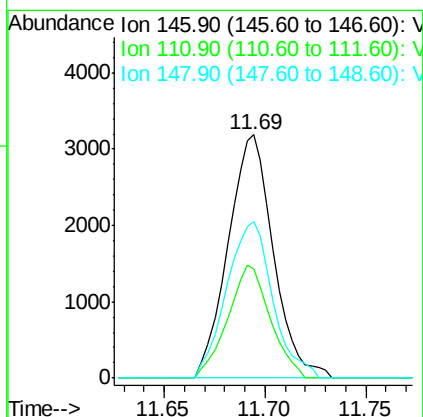
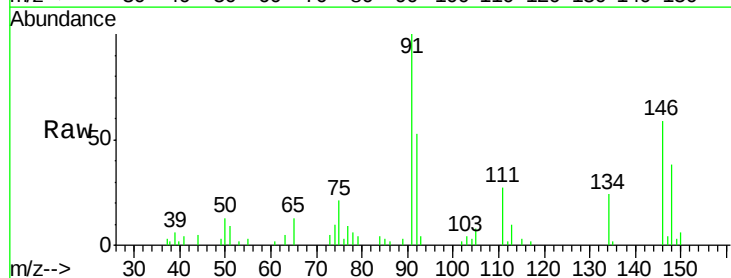
#90
Hexachloroethane
Concen: 2.045 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

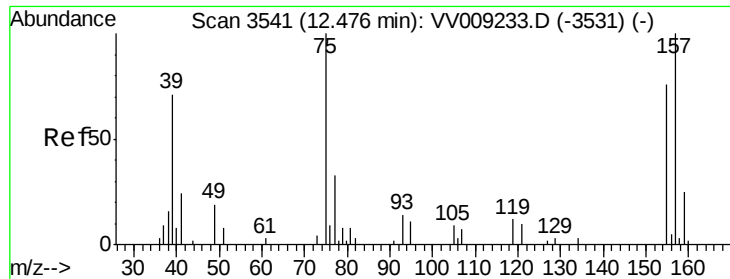
Tot Ion:117 Resp: 1871
Ion Ratio Lower Upper
117 100
201 69.6 35.2 105.6



#91
1,2-Dichlorobenzene
Concen: 2.268 ug/l
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV009246.D
Acq: 23 Jan 2019 14:11

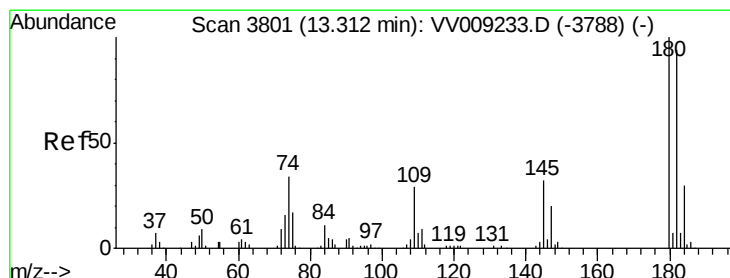
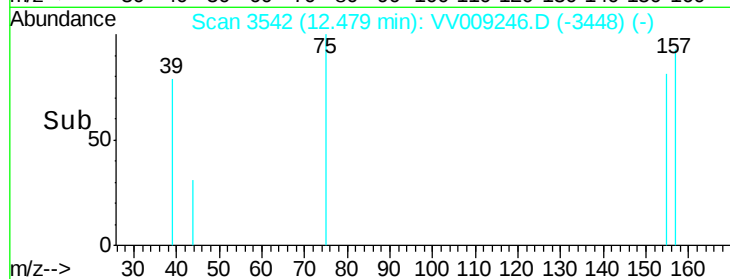
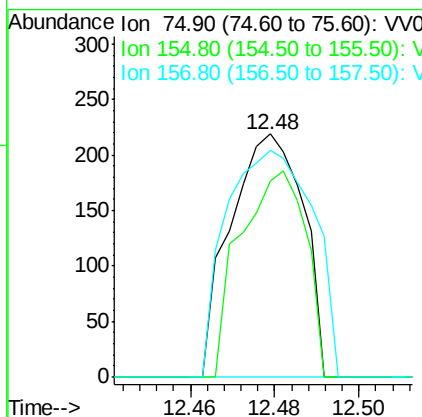
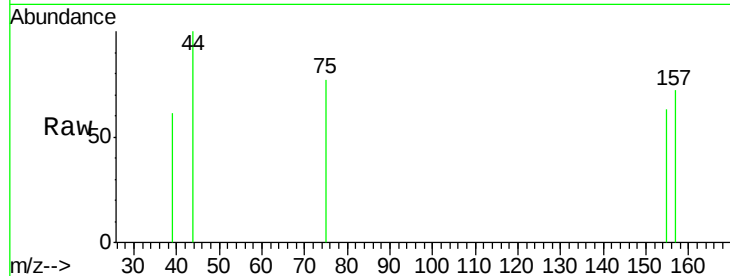
Tgt Ion:146 Resp: 4994
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.8
148 65.5 31.6 95.0





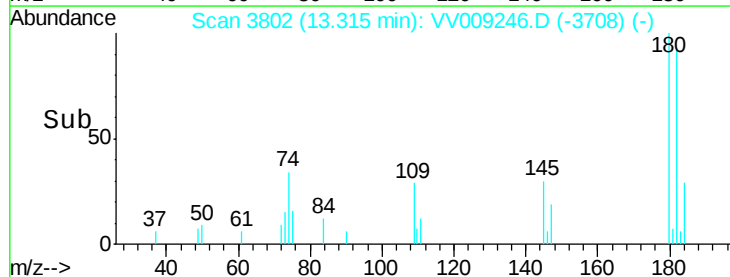
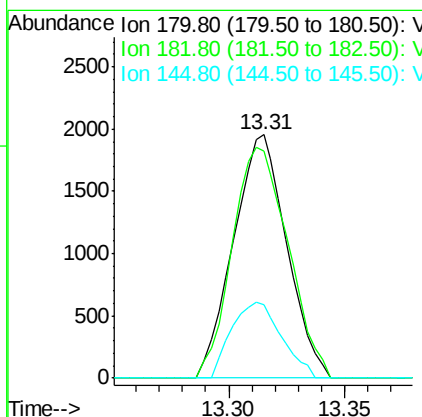
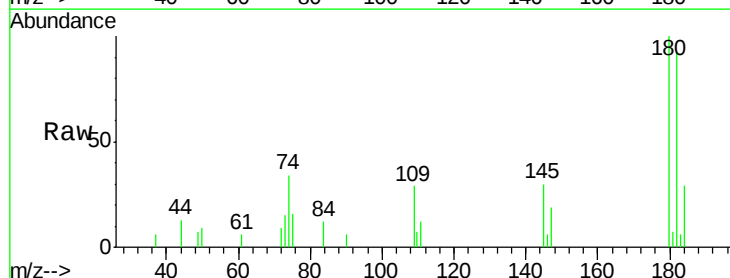
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.635 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

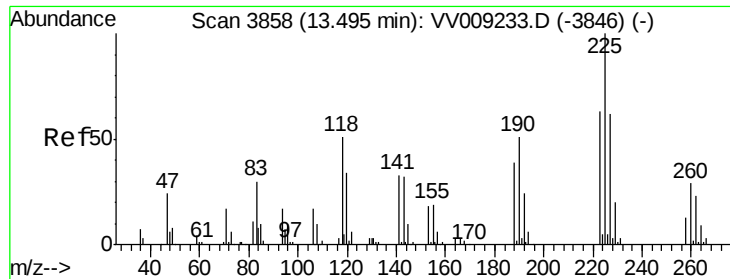
Tot Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 155 76.9 38.0 114.0
 157 111.9 50.8 152.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.200 ug/l
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tgt Ion: 180 Resp: 3118
 Ion Ratio Lower Upper
 180 100
 182 99.5 47.1 141.4
 145 29.4 16.0 48.0





#94

Hexachlorobutadiene

Concen: 2.412 ug/l

RT: 13.50 min Scan# 3859

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

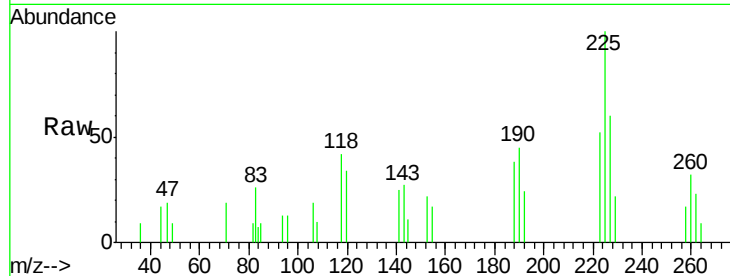
Tot Ion:225 Resp: 2119

Ion Ratio Lower Upper

225 100

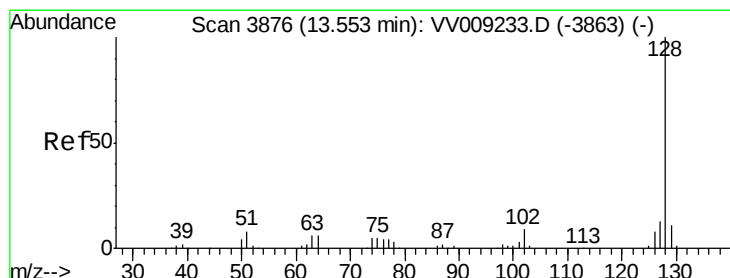
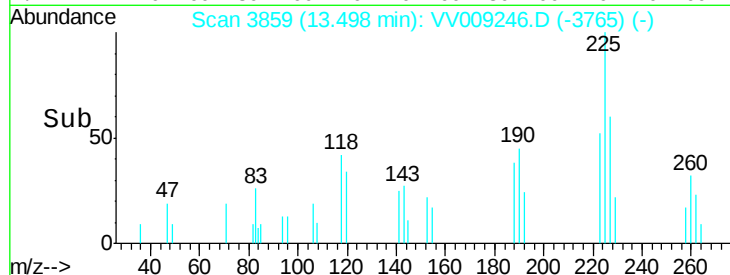
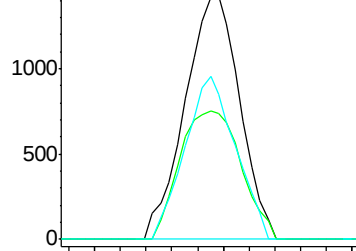
223 59.1 31.7 95.1

227 61.8 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

13.50



#95

Naphthalene

Concen: 2.053 ug/l

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009246.D

Acq: 23 Jan 2019 14:11

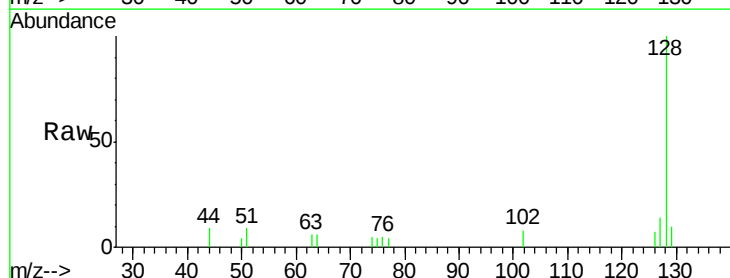
Tgt Ion:128 Resp: 5032

Ion Ratio Lower Upper

128 100

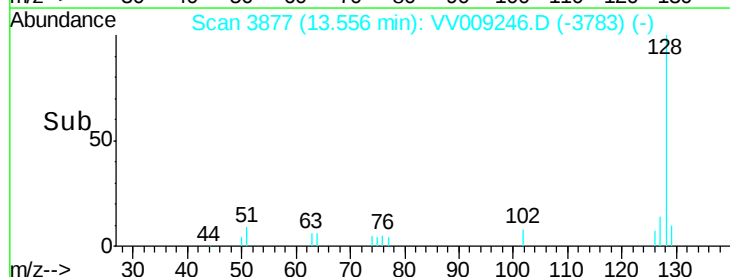
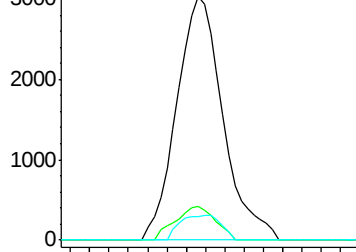
127 12.0 10.7 16.1

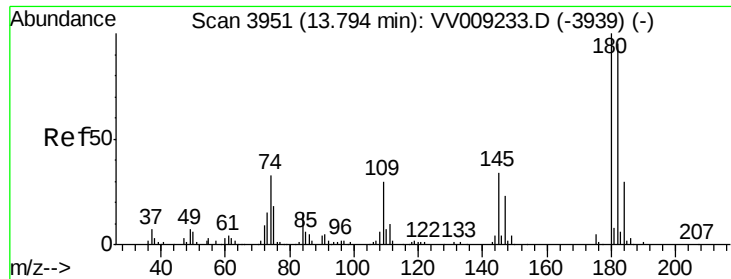
129 9.1 8.8 13.2



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

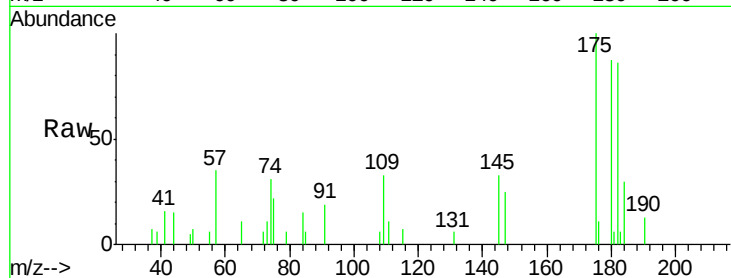
13.56





#96
 1,2,3-Trichlorobenzene
 Concen: 2.291 ug/l
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV009246.D
 Acq: 23 Jan 2019 14:11

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	31.0	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

