

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012319\
 Data File : VV009249.D
 Acq On : 23 Jan 2019 16:33
 Operator : SY/MD
 Sample : VV0123SBS01
 Misc : 5.00G/5ML/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 24 03:54:35 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	82430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	133907	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	122326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	61515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	45553	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	4.64	113	40346	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
50) Toluene-d8	7.36	98	154152	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	10.12	95	59155	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	10420	15.628	ug/l	98
3) Chloromethane	1.25	50	14528	16.187	ug/l	99
4) Vinyl Chloride	1.32	62	17599	17.259	ug/l	97
5) Bromomethane	1.53	94	10258	17.738	ug/l	93
6) Chloroethane	1.60	64	10269	18.017	ug/l	100
7) Trichlorofluoromethane	1.76	101	10578	14.781	ug/l	96
8) Diethyl Ether	1.96	74	7975	17.719	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.14	101	15629	17.576	ug/l	99
10) Methyl Iodide	2.25	142	24245	17.083	ug/l	97
11) Tert butyl alcohol	2.65	59	7057	103.948	ug/l #	94
12) 1,1-Dichloroethene	2.14	96	15858	18.164	ug/l	88
13) Acrolein	2.06	56	4577	76.729	ug/l	94
14) Allyl chloride	2.42	41	25130	16.701	ug/l	99
15) Acrylonitrile	2.76	53	19552	100.284	ug/l	98
16) Acetone	2.17	43	28346	103.930	ug/l	97
17) Carbon Disulfide	2.31	76	43430	16.262	ug/l	97
18) Methyl Acetate	2.45	43	13787	18.926	ug/l	95
19) Methyl tert-butyl Ether	2.79	73	24442	18.035	ug/l	97
20) Methylene Chloride	2.52	84	17486	16.644	ug/l	98
21) trans-1,2-Dichloroethene	2.78	96	16251	17.277	ug/l	94
22) Diisopropyl ether	3.32	45	56405	17.604	ug/l	93
23) Vinyl Acetate	3.30	43	165387	95.131	ug/l	99
24) 1,1-Dichloroethane	3.22	63	33788	16.950	ug/l	98
25) 2-Butanone	4.01	43	33141	106.260	ug/l	99
26) 2,2-Dichloropropane	3.95	77	18052	16.091	ug/l	99
27) cis-1,2-Dichloroethene	3.95	96	20187	17.757	ug/l	96
28) Bromochloromethane	4.29	49	13882	18.871	ug/l	98
29) Tetrahydrofuran	4.38	42	18384	108.376	ug/l	96
30) Chloroform	4.42	83	34429	17.196	ug/l	97
31) Cyclohexane	4.72	56	32557	17.890	ug/l	91
32) 1,1,1-Trichloroethane	4.65	97	28632	16.967	ug/l	98
36) 1,1-Dichloropropene	4.87	75	26526	17.842	ug/l	99
37) Ethyl Acetate	4.12	43	13234	23.162	ug/l	98
38) Carbon Tetrachloride	4.87	117	26766	17.983	ug/l	98

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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

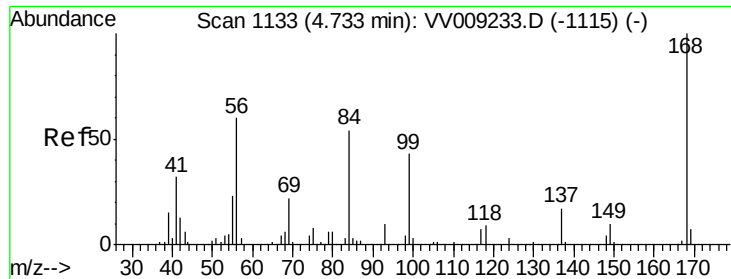
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	32485	18.451	ug/l	98
40) Benzene	5.14	78	74783	17.984	ug/l	99
41) Methacrylonitrile	4.31	41	7341	21.318	ug/l	97
42) 1,2-Dichloroethane	5.17	62	23568	18.110	ug/l	97
43) Isopropyl Acetate	5.32	43	23871	21.240	ug/l	99
44) Trichloroethene	5.95	130	19265	17.606	ug/l	98
45) 1,2-Dichloropropane	6.22	63	18557	18.553	ug/l	96
46) Dibromomethane	6.35	93	10264	19.999	ug/l	96
47) Bromodichloromethane	6.55	83	24284	17.906	ug/l	95
48) Methyl methacrylate	6.42	41	11535	20.113	ug/l	96
49) 1,4-Dioxane	6.41	88	2807	429.358	ug/l	99
51) 4-Methyl-2-Pentanone	7.27	43	59289	103.948	ug/l	99
52) Toluene	7.43	92	48060	18.271	ug/l	96
53) t-1,3-Dichloropropene	7.69	75	23550	17.841	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	27111	17.837	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	14987	20.725	ug/l	99
56) Ethyl methacrylate	7.83	69	16182	19.207	ug/l	96
57) 1,3-Dichloropropane	8.05	76	25512	19.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.93	63	378	28.711	ug/l #	52
59) 2-Hexanone	8.18	43	45509	110.314	ug/l	100
60) Dibromochloromethane	8.29	129	16052	18.959	ug/l	98
61) 1,2-Dibromoethane	8.40	107	14092	19.928	ug/l	100
64) Tetrachloroethene	8.02	164	16184	18.592	ug/l	99
65) Chlorobenzene	8.92	112	51485	18.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	17688	18.186	ug/l	97
67) Ethyl Benzene	9.05	91	89959	17.744	ug/l	99
68) m/p-Xylenes	9.18	106	68471	35.574	ug/l	97
69) o-Xylene	9.59	106	32187	18.037	ug/l	99
70) Styrene	9.60	104	51535	18.096	ug/l	98
71) Bromoform	9.77	173	9000	19.623	ug/l #	96
73) Isopropylbenzene	9.97	105	91623	18.037	ug/l	99
74) N-amyl acetate	9.84	43	17870	19.024	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	18071	21.102	ug/l	97
76) 1,2,3-Trichloropropane	10.05	75	4678	6.946	ug/l	81
77) Bromobenzene	10.26	156	20380	18.757	ug/l	98
78) n-propylbenzene	10.40	91	106262	17.646	ug/l	99
79) 2-Chlorotoluene	10.47	91	63845	17.571	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	76600	17.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	4718	19.825	ug/l	96
82) 4-Chlorotoluene	10.58	91	76390	17.850	ug/l	99
83) tert-Butylbenzene	10.91	119	72294	17.822	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	76758	17.861	ug/l	100
85) sec-Butylbenzene	11.13	105	96187	18.104	ug/l	99
86) p-Isopropyltoluene	11.29	119	83316	17.909	ug/l	99
87) 1,3-Dichlorobenzene	11.22	146	41191	18.258	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	42479	18.626	ug/l	99
89) n-Butylbenzene	11.70	91	79344	17.571	ug/l	100
90) Hexachloroethane	11.95	117	14455	17.473	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	38044	19.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3130	21.771	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	24042	18.754	ug/l	97
94) Hexachlorobutadiene	13.49	225	15129	19.041	ug/l	99
95) Naphthalene	13.55	128	43929	19.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	21210	19.538	ug/l	99

(#) = 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: VV009249.D

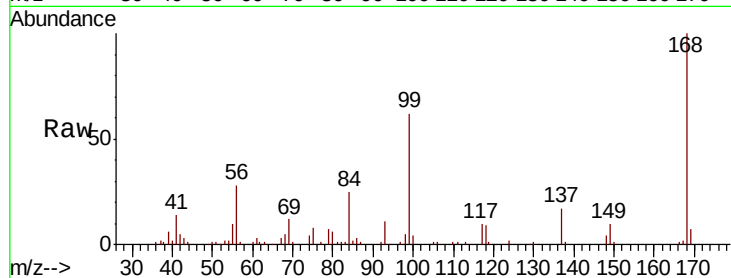
Acq: 23 Jan 2019 16:33

Tgt Ion: 168 Resp: 82430

Ion Ratio Lower Upper

168 100

99 61.4 50.9 76.3

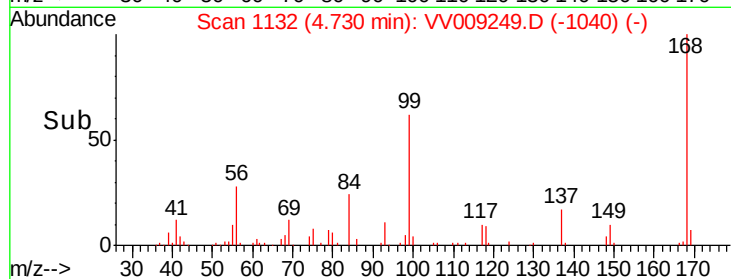


Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

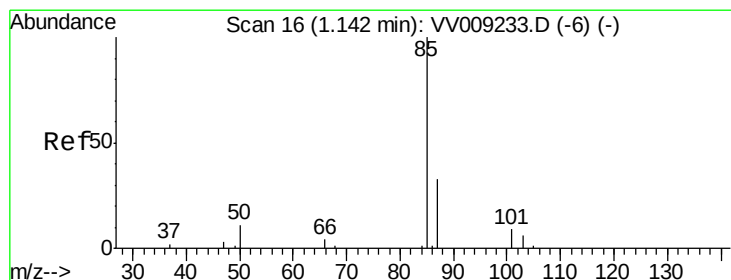
Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

4.70 4.80



Time-->



#2

Dichlorodifluoromethane

Concen: 15.628 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009249.D

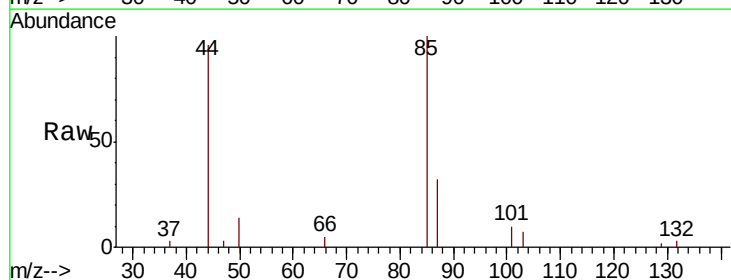
Acq: 23 Jan 2019 16:33

Tgt Ion: 85 Resp: 10420

Ion Ratio Lower Upper

85 100

87 31.8 16.6 49.7

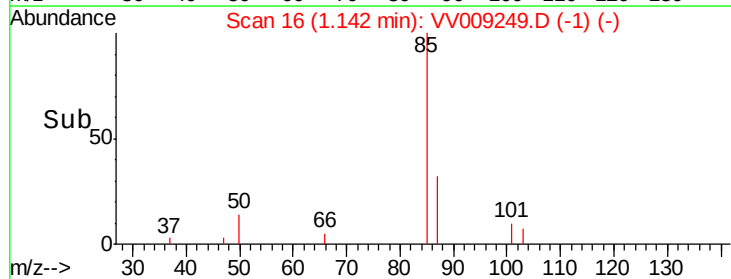


Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

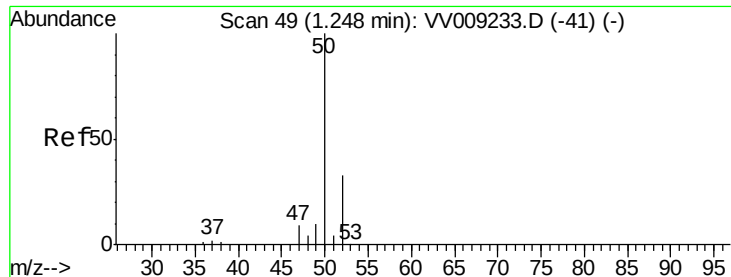
Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

1.10 1.15 1.20



Time-->



#3

Chloromethane

Concen: 16.187 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009249.D

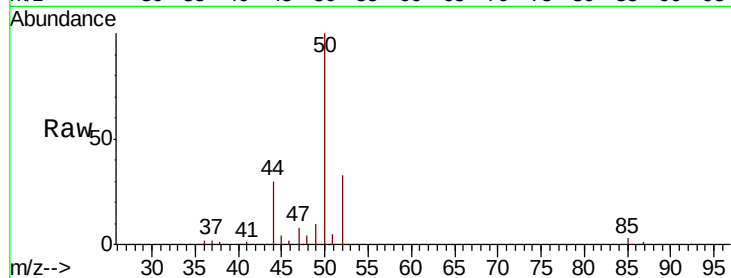
Acq: 23 Jan 2019 16:33

Tgt Ion: 50 Resp: 14528

Ion Ratio Lower Upper

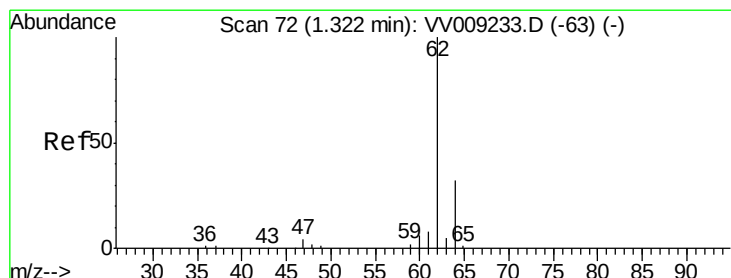
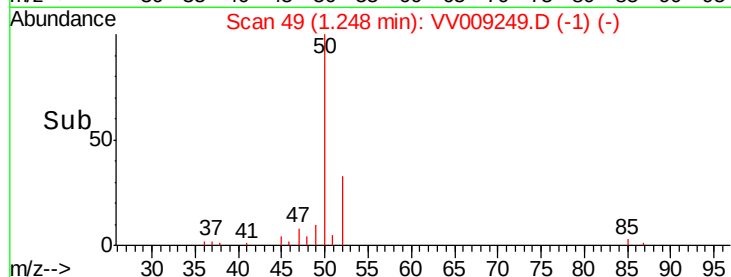
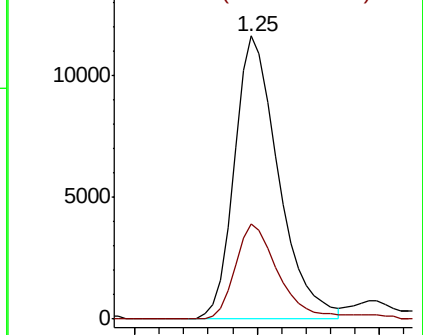
50 100

52 33.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009249.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VV009249.D (-1) (-)



#4

Vinyl Chloride

Concen: 17.259 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009249.D

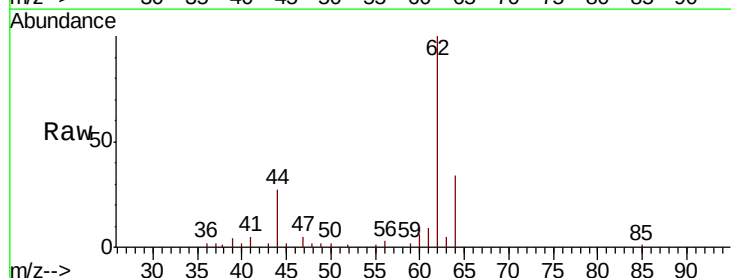
Acq: 23 Jan 2019 16:33

Tgt Ion: 62 Resp: 17599

Ion Ratio Lower Upper

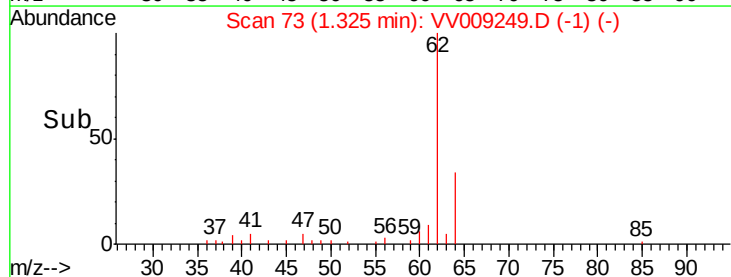
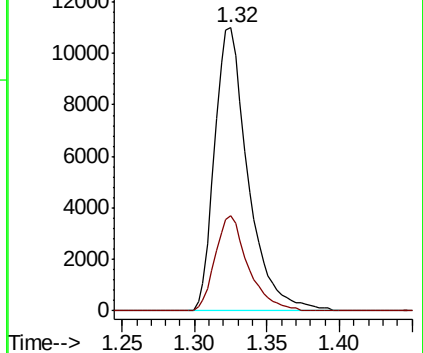
62 100

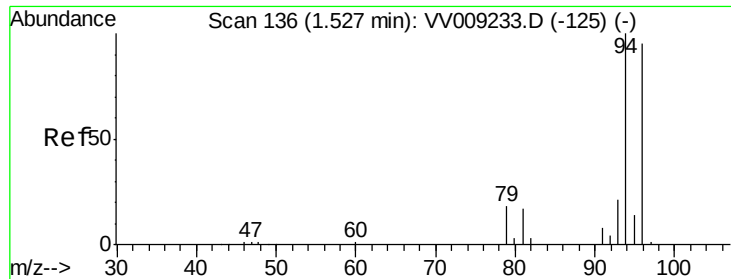
64 33.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VV009249.D (-1) (-)

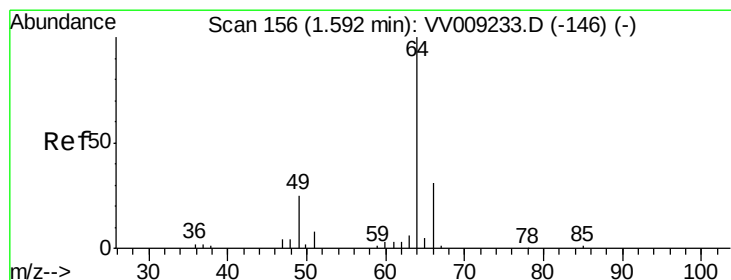
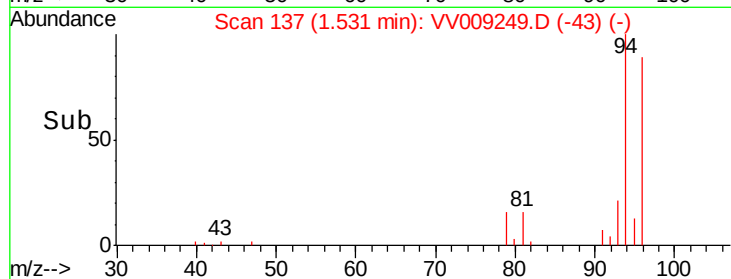
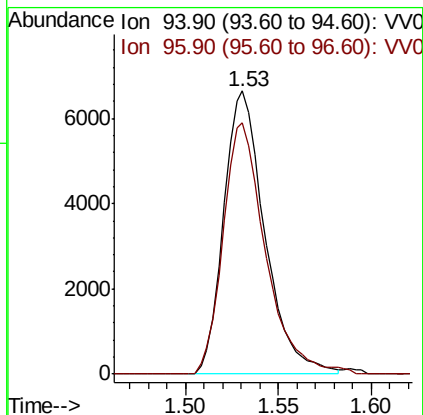
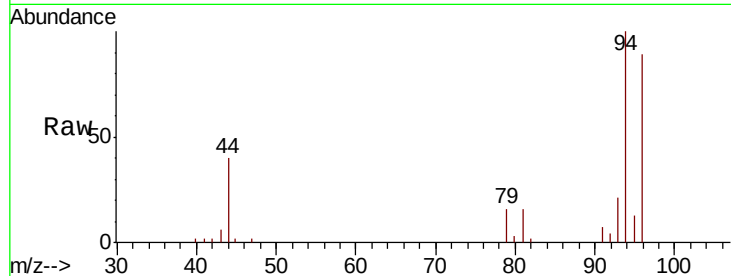
Ion 63.90 (63.60 to 64.60): VV009249.D (-1) (-)





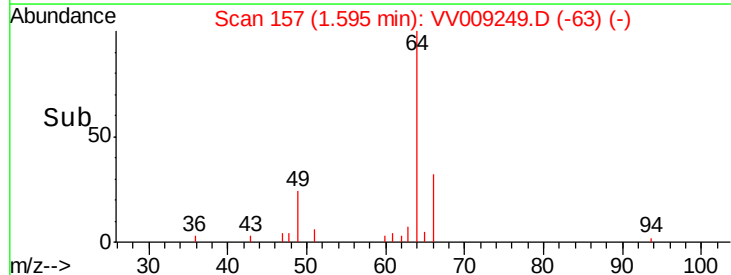
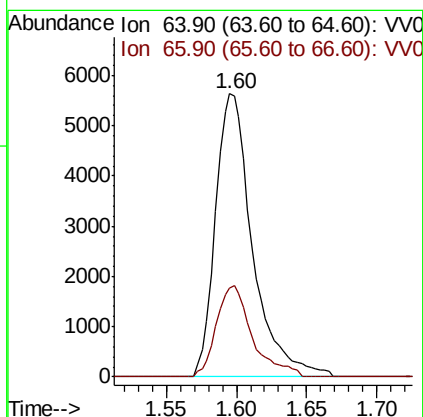
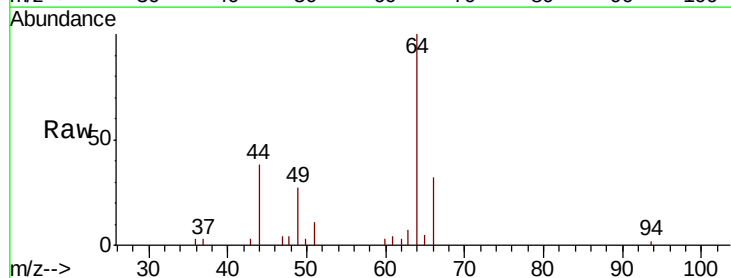
#5
Bromomethane
Concen: 17.738 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

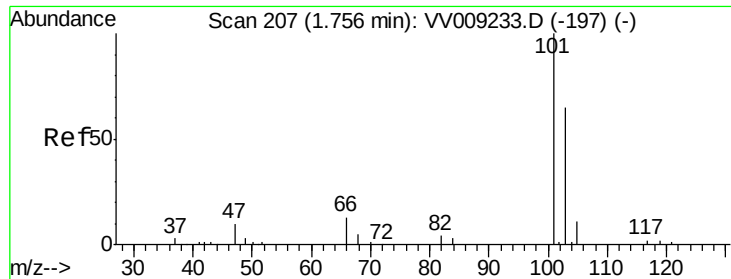
Tgt Ion: 94 Resp: 10258
Ion Ratio Lower Upper
94 100
96 88.8 76.3 114.5



#6
Chloroethane
Concen: 18.017 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 64 Resp: 10269
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7

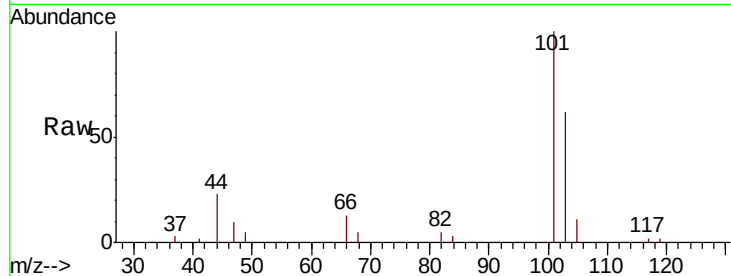




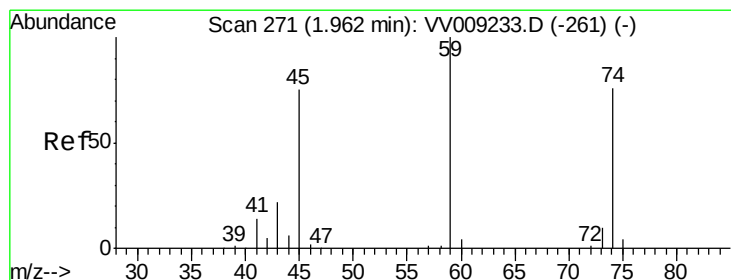
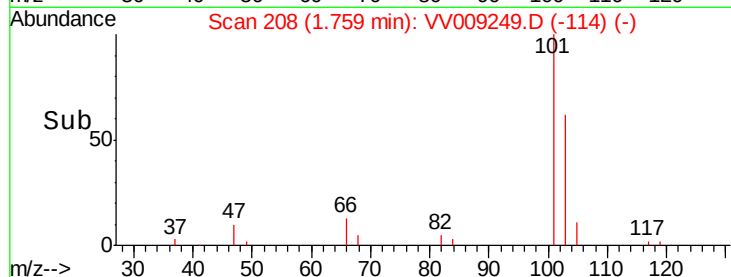
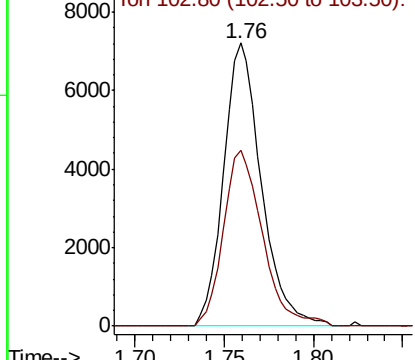
#7

Trichlorofluoromethane
 Concen: 14.781 ug/l
 RT: 1.76 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 101 Resp: 10578
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.2 78.4



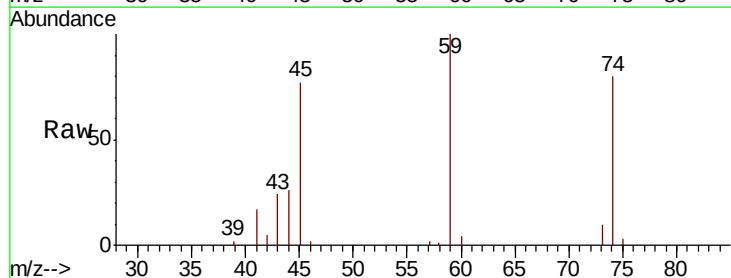
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



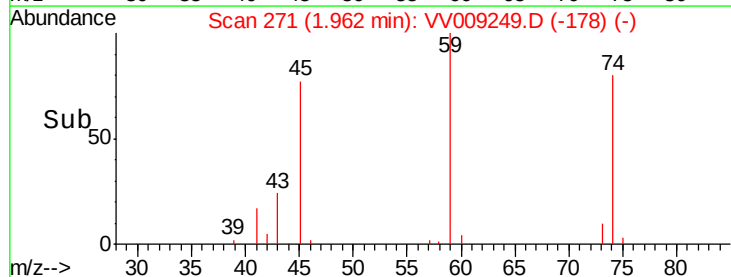
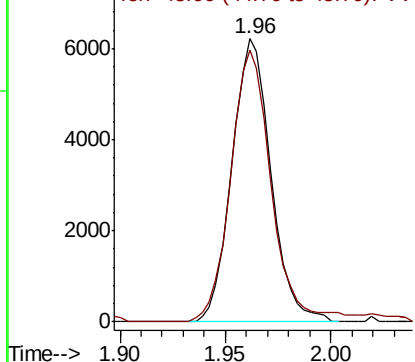
#8

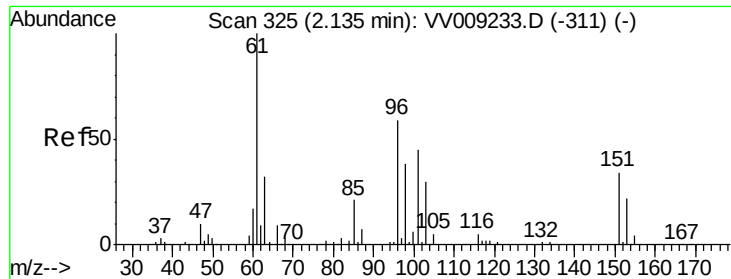
Diethyl Ether
 Concen: 17.719 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 74 Resp: 7975
 Ion Ratio Lower Upper
 74 100
 45 100.0 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: 17.576 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

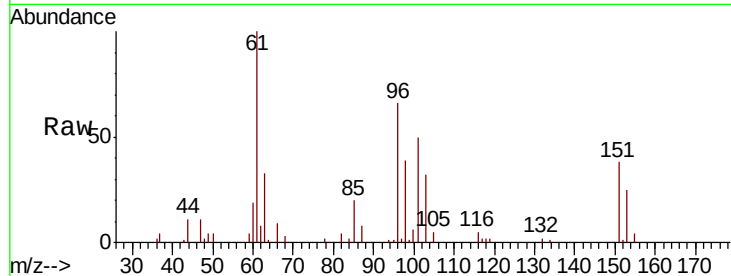
Tgt Ion:101 Resp: 15629

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

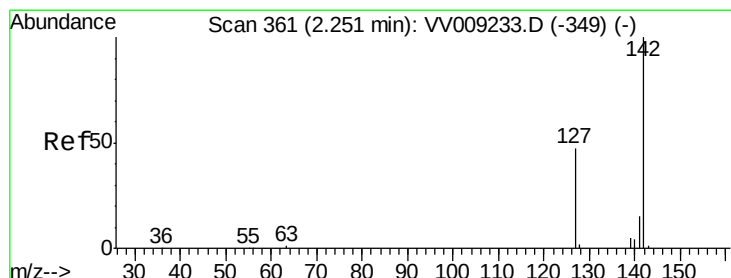
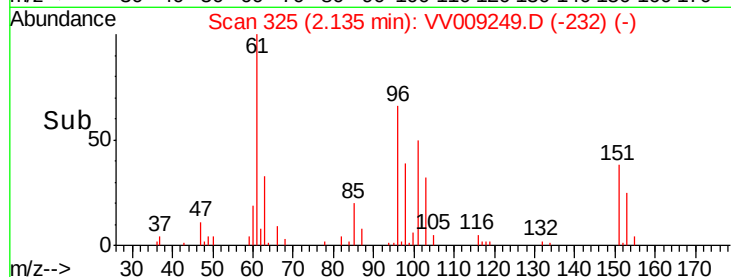
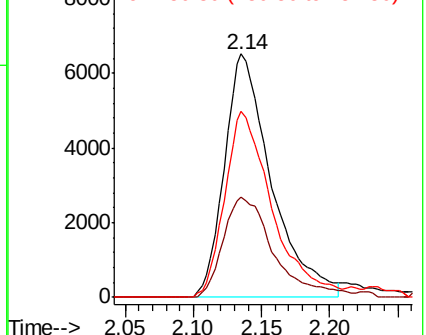
151 76.9 60.1 90.1



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: 17.083 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

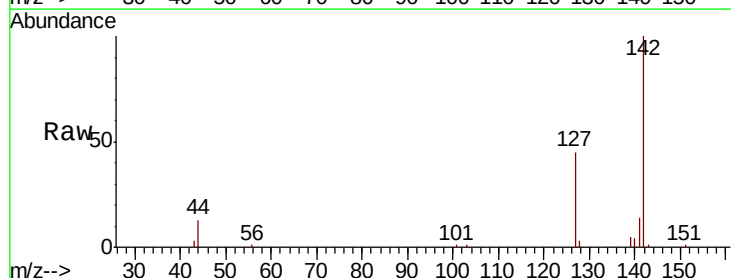
Tgt Ion:142 Resp: 24245

Ion Ratio Lower Upper

142 100

127 45.2 37.9 56.9

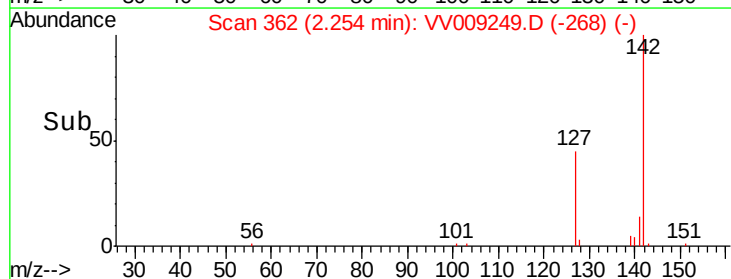
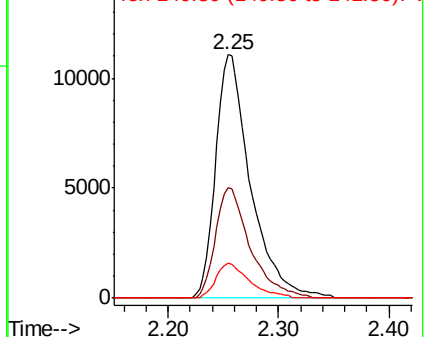
141 13.8 11.7 17.5

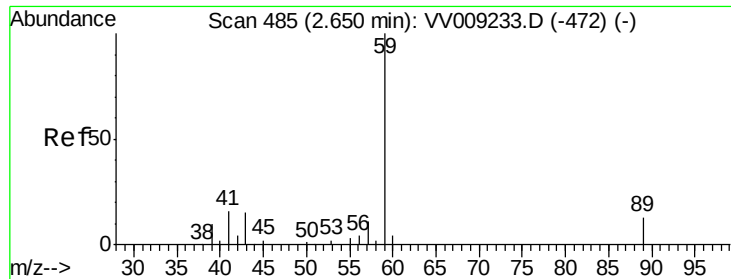


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

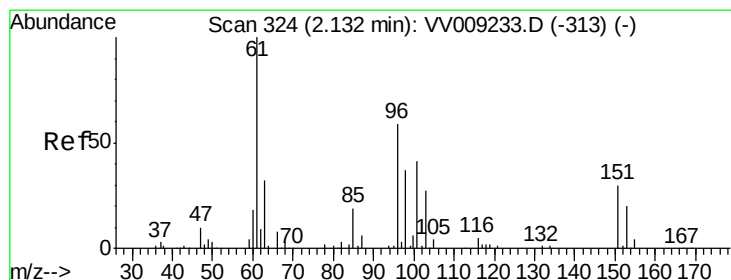
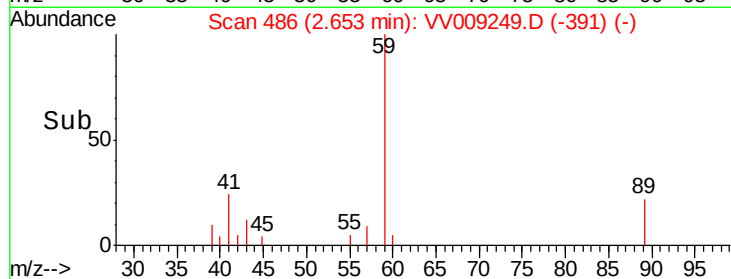
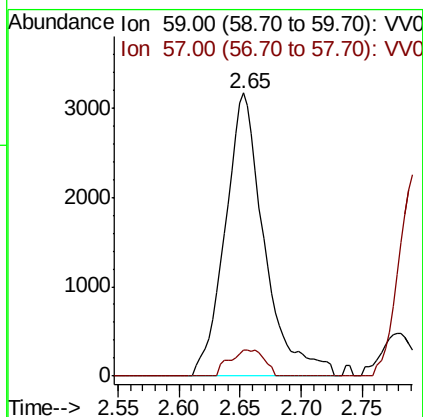
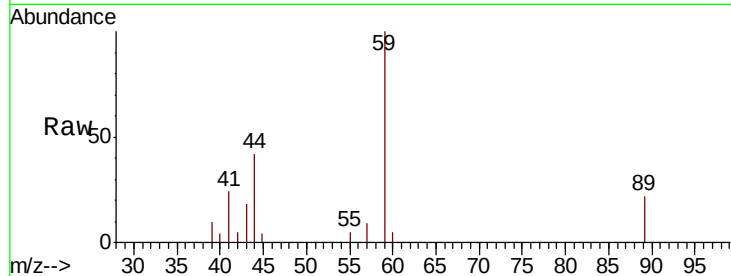
Ion 140.80 (140.50 to 141.50): V





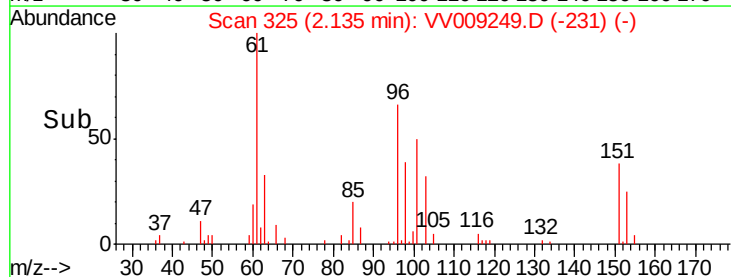
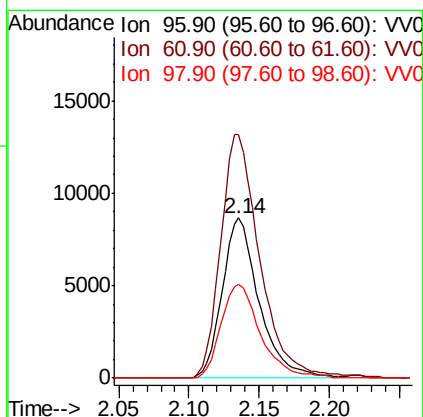
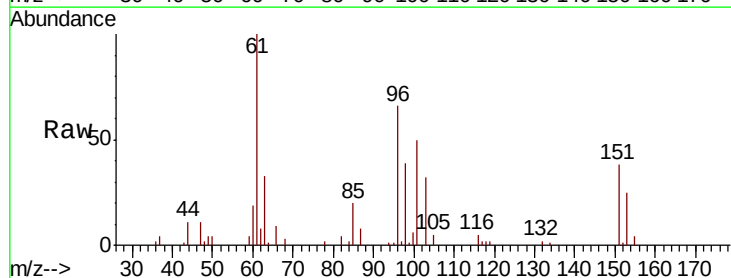
#11
Tert butyl alcohol
Concen: 103.948 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

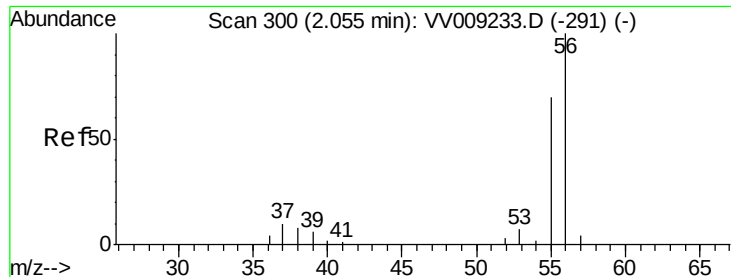
Tgt Ion: 59 Resp: 7057
Ion Ratio Lower Upper
59 100
57 8.1 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 18.164 ug/l
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 96 Resp: 15858
Ion Ratio Lower Upper
96 100
61 151.8 136.6 205.0
98 58.6 50.6 75.8





#13

Acrolein

Concen: 76.729 ug/l

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009249.D

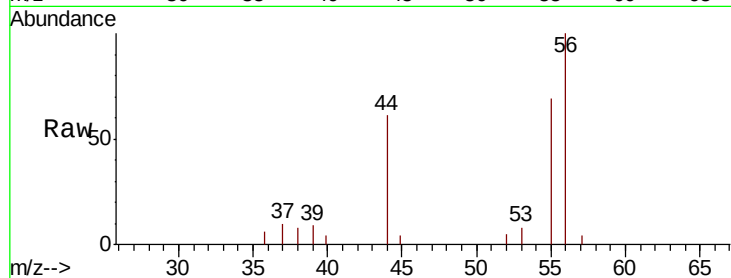
Acq: 23 Jan 2019 16:33

Tgt Ion: 56 Resp: 4577

Ion Ratio Lower Upper

56 100

55 72.1 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009233.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-291) (-)

2.06

3000

2000

1000

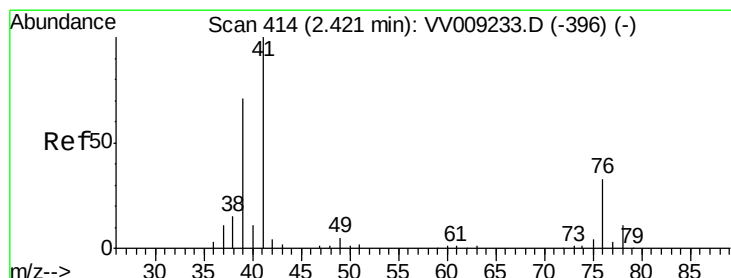
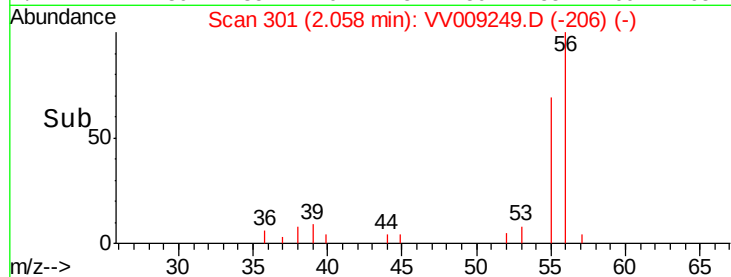
0

Time-->

2.00

2.05

2.10



#14

Allyl chloride

Concen: 16.701 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

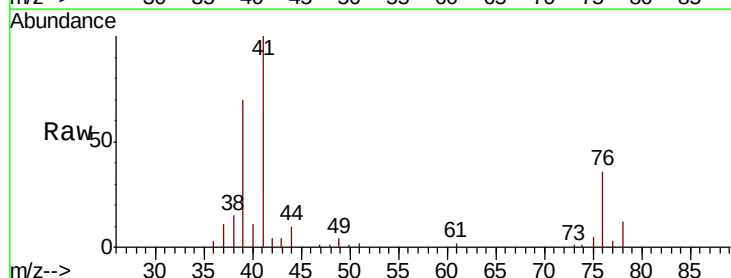
Tgt Ion: 41 Resp: 25130

Ion Ratio Lower Upper

41 100

39 69.7 55.1 82.7

76 34.5 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-396) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-396) (-)

Ion 75.90 (75.60 to 76.60): VV009233.D (-396) (-)

2.42

25000

20000

15000

10000

5000

0

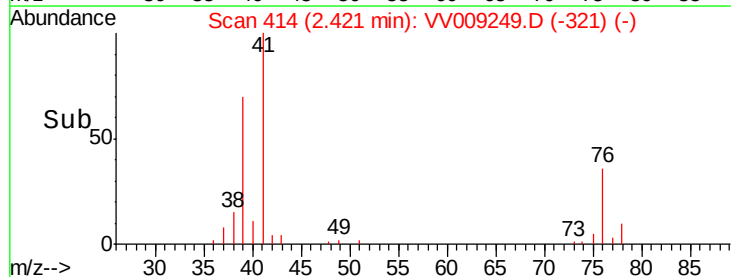
Time-->

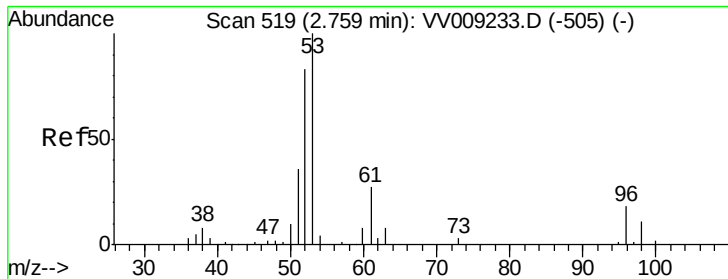
2.35

2.40

2.45

2.50





#15

Acrylonitrile

Concen: 100.284 ug/l

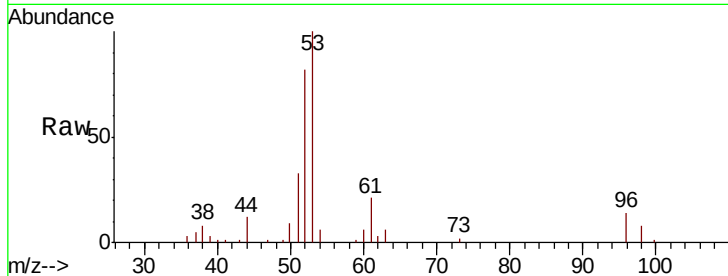
RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

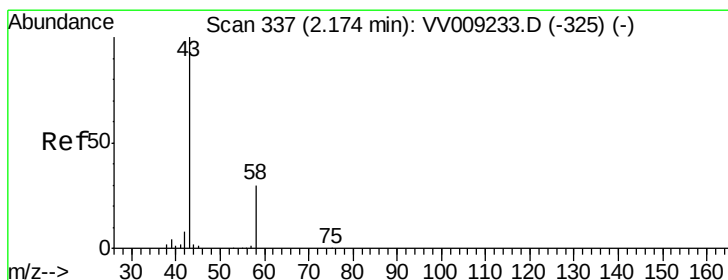
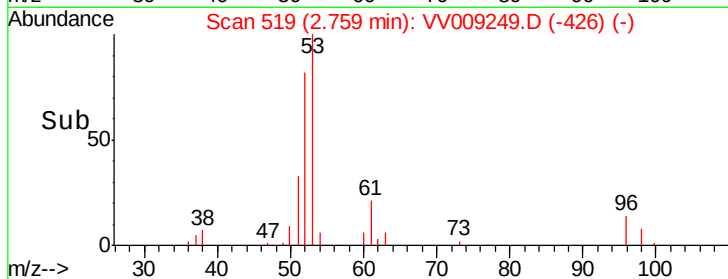
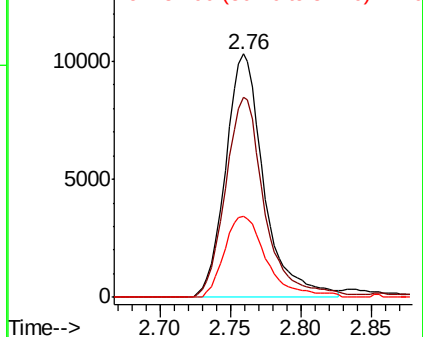
Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion:	53	Resp:	19552
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.3	97.9
51	36.9	29.0	43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009249.D (-426) (-)



#16

Acetone

Concen: 103.930 ug/l

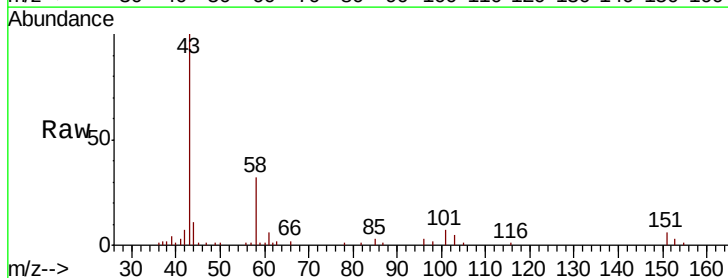
RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

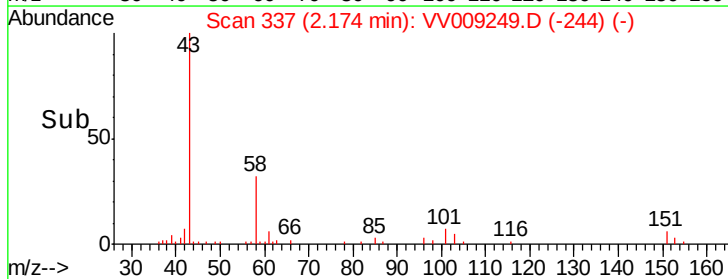
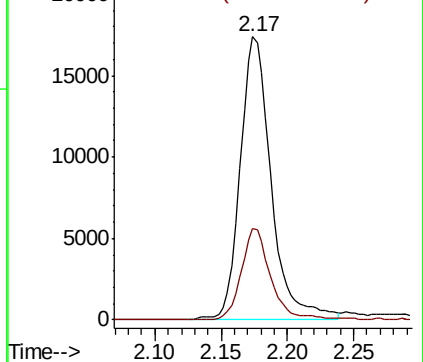
Lab File: VV009249.D

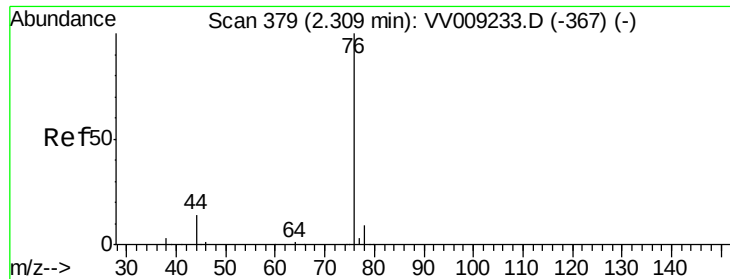
Acq: 23 Jan 2019 16:33

Tgt Ion:	43	Resp:	28346
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.4	36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009249.D (-244) (-)





#17

Carbon Disulfide

Concen: 16.262 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009249.D

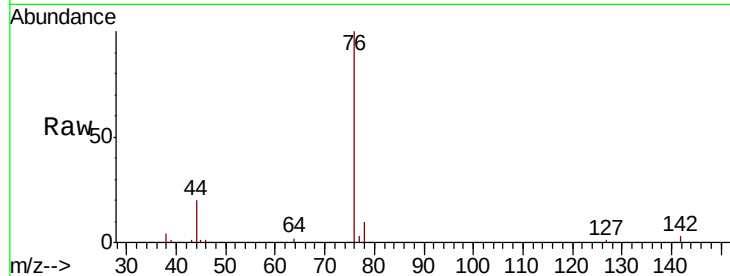
Acq: 23 Jan 2019 16:33

Tgt Ion: 76 Resp: 43430

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9



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

Ion 77.90 (77.60 to 78.60): VV009233.D (-367) (-)

2.31

20000

15000

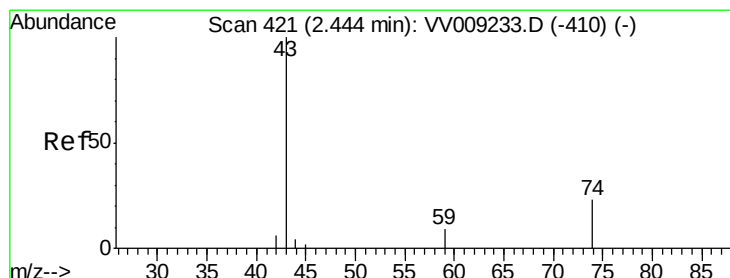
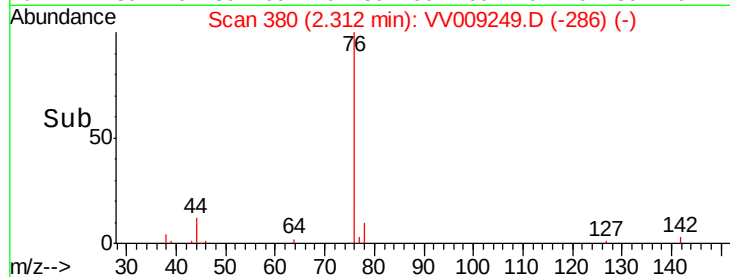
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 18.926 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009249.D

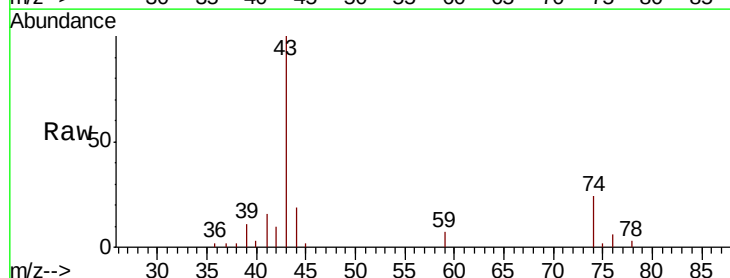
Acq: 23 Jan 2019 16:33

Tgt Ion: 43 Resp: 13787

Ion Ratio Lower Upper

43 100

74 22.2 19.7 29.5



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

Ion 74.00 (73.70 to 74.70): VV009233.D (-410) (-)

2.45

8000

6000

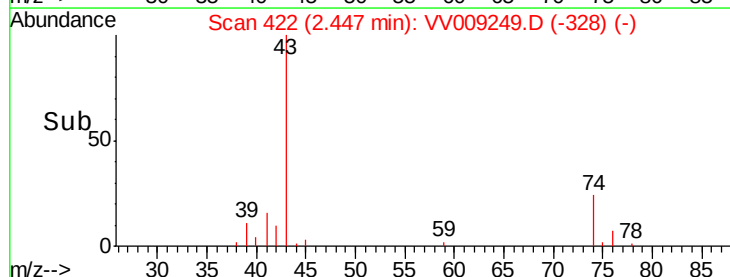
4000

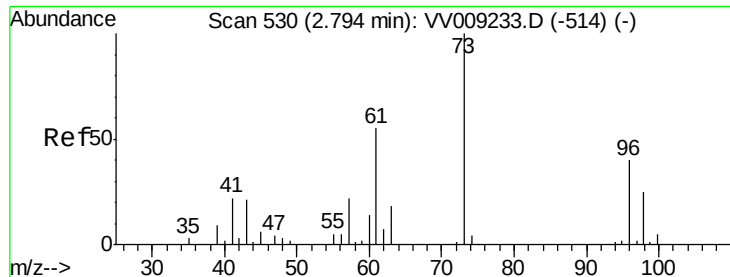
2000

0

Time-->

2.40 2.45 2.50 2.55

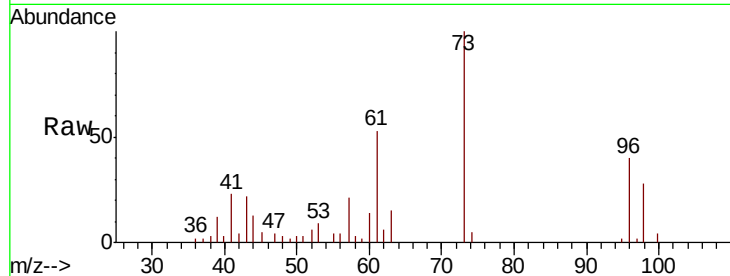




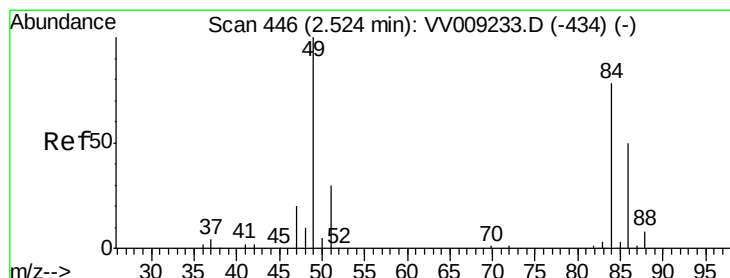
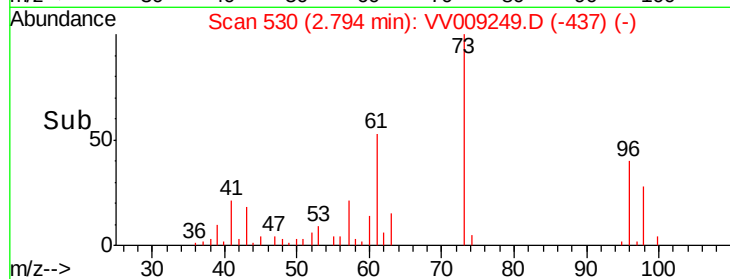
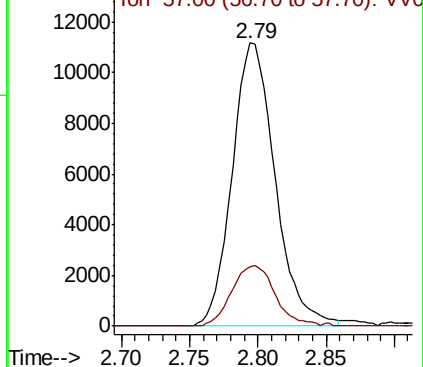
#19

Methyl tert-butyl Ether
 Concen: 18.035 ug/l
 RT: 2.79 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 73 Resp: 24442
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.0 27.0



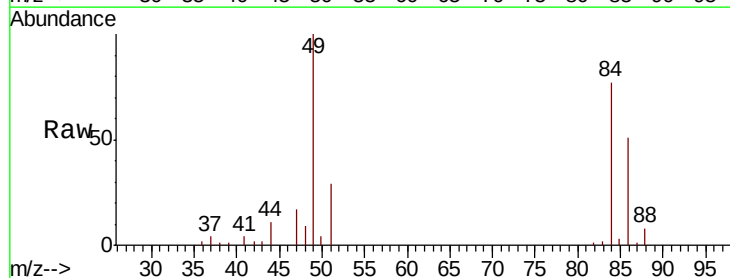
Abundance Ion 73.00 (72.70 to 73.70): VV009233.D (-514) (-)
 Ion 57.00 (56.70 to 57.70): VV009233.D (-514) (-)



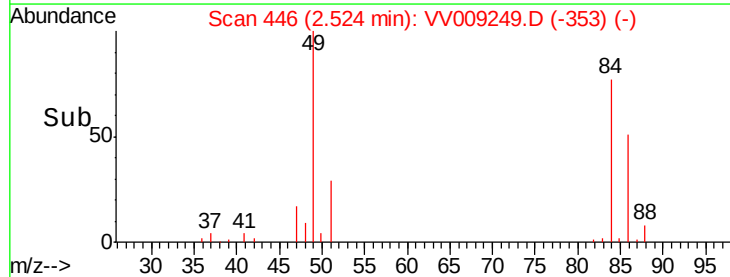
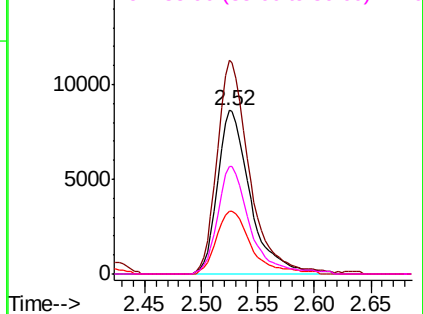
#20

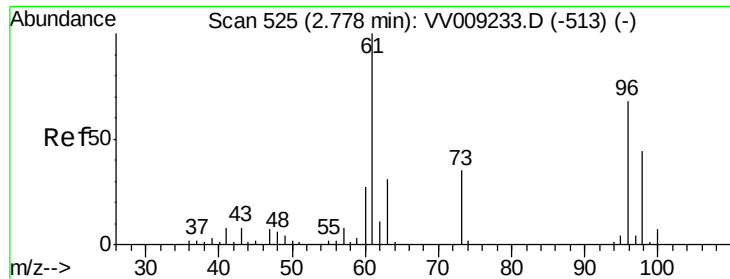
Methylene Chloride
 Concen: 16.644 ug/l
 RT: 2.52 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 84 Resp: 17486
 Ion Ratio Lower Upper
 84 100
 49 130.4 102.0 153.0
 51 38.3 30.9 46.3
 86 66.0 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VV009233.D (-434) (-)
 Ion 48.90 (48.60 to 49.60): VV009233.D (-434) (-)
 Ion 50.90 (50.60 to 51.60): VV009233.D (-434) (-)
 Ion 85.90 (85.60 to 86.60): VV009233.D (-434) (-)





#21

trans-1,2-Dichloroethene

Concen: 17.277 ug/l

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

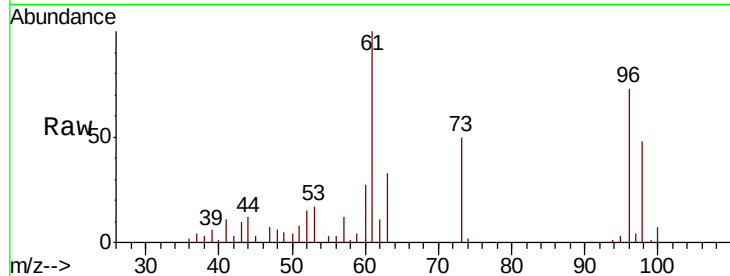
Tgt Ion: 96 Resp: 16251

Ion Ratio Lower Upper

96 100

61 137.9 117.7 176.5

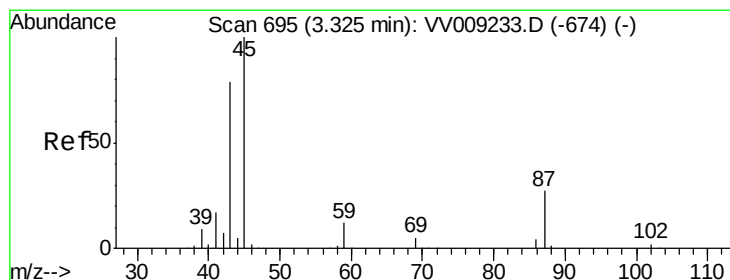
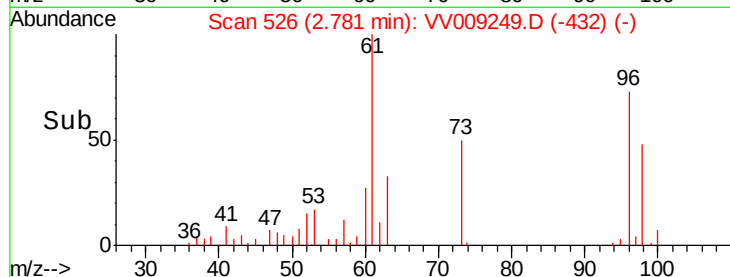
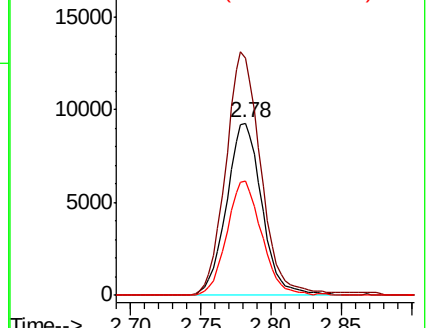
98 66.1 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV009233.D (-513) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-513) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-513) (-)



#22

Diisopropyl ether

Concen: 17.604 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 45 Resp: 56405

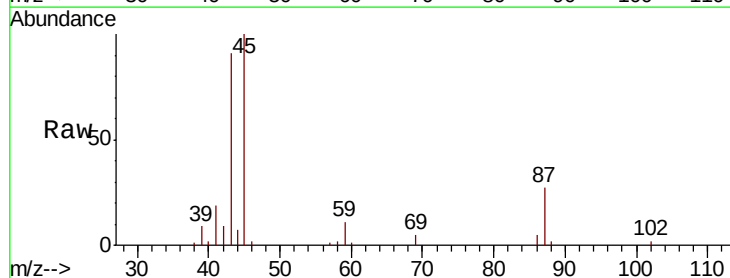
Ion Ratio Lower Upper

45 100

43 86.8 63.0 94.4

87 27.1 21.5 32.3

59 10.7 9.3 13.9

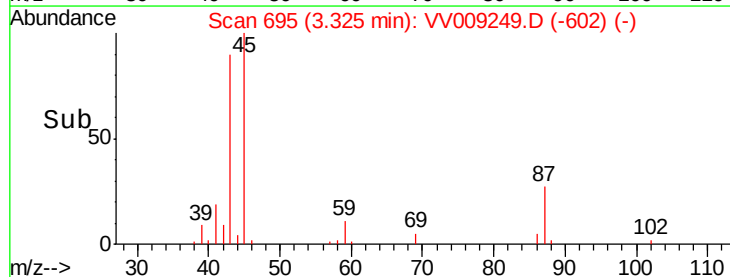
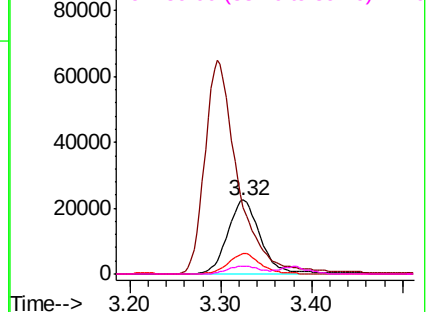


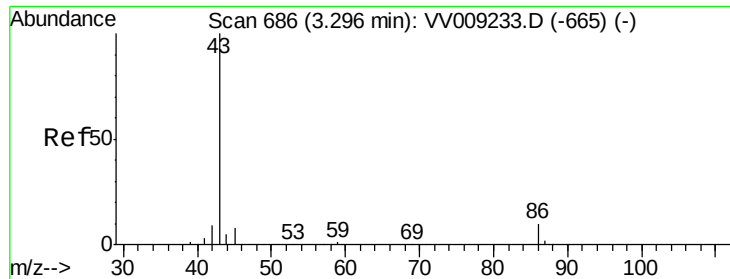
Abundance Ion 45.00 (44.70 to 45.70): VV009233.D (-674) (-)

Ion 43.00 (42.70 to 43.70): VV009233.D (-674) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-674) (-)

Ion 59.00 (58.70 to 59.70): VV009233.D (-674) (-)





#23

Vinyl Acetate

Concen: 95.131 ug/l

RT: 3.30 min Scan# 686

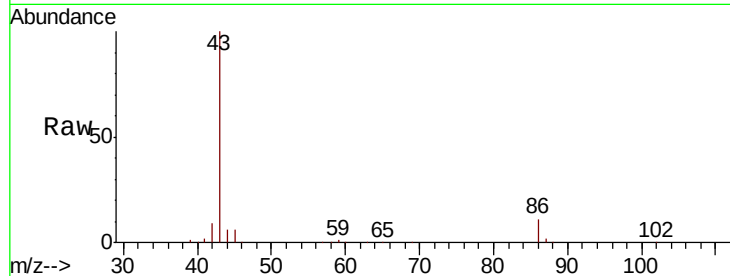
Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

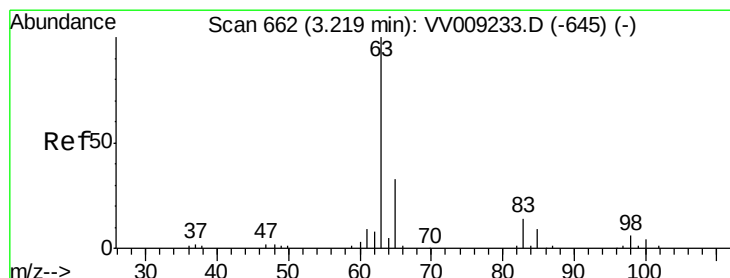
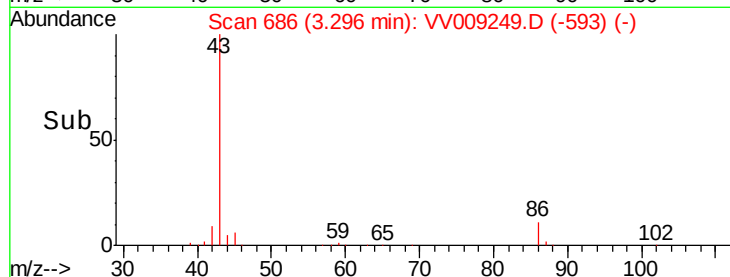
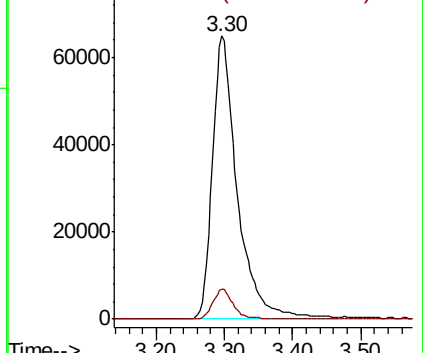
Tgt Ion: 43 Resp: 165387

Ion	Ratio	Lower	Upper
43	100		
86	10.6	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: 16.950 ug/l

RT: 3.22 min Scan# 661

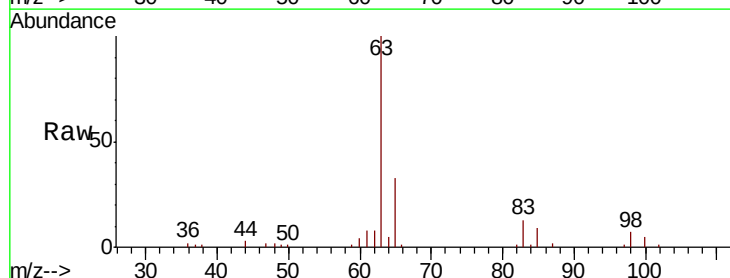
Delta R.T. -0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 63 Resp: 33788

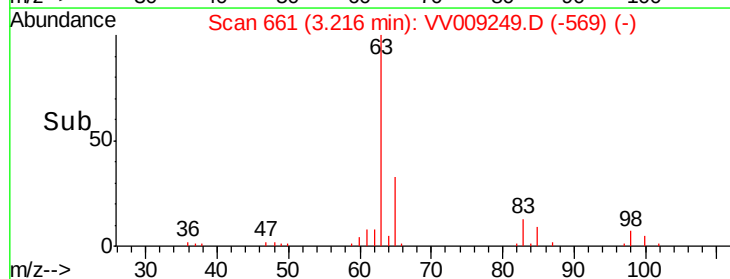
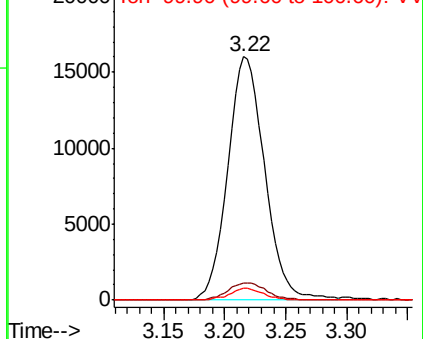
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.8
100	4.8	2.2	6.6

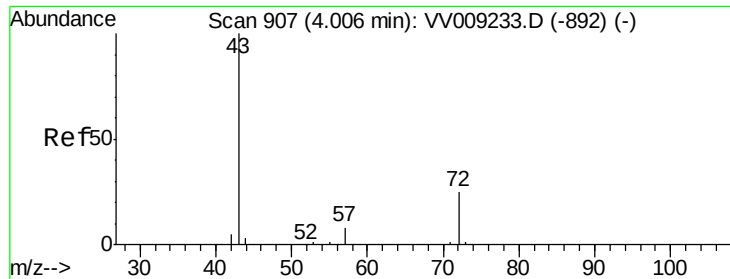


Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 97.90 (97.60 to 98.60): VV0

Ion 99.90 (99.60 to 100.60): VV0





#25

2-Butanone

Concen: 106.260 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.01 min

Lab File: VV009249.D

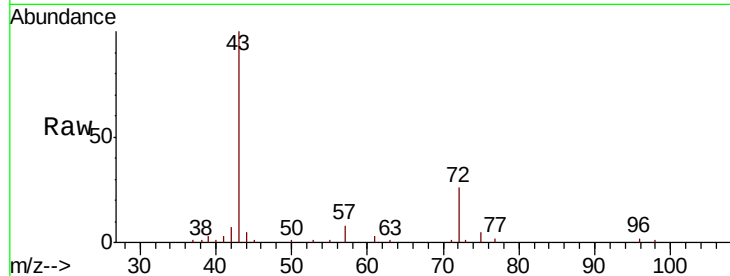
Acq: 23 Jan 2019 16:33

Tgt Ion: 43 Resp: 33141

Ion Ratio Lower Upper

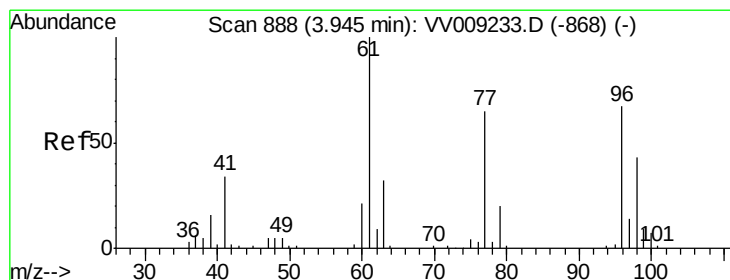
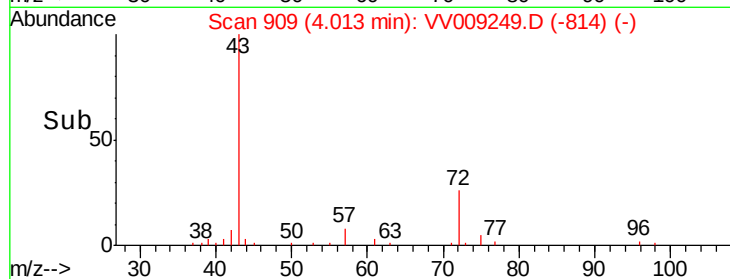
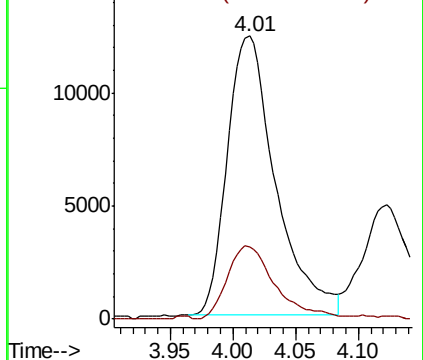
43 100

72 25.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#26

2,2-Dichloropropane

Concen: 16.091 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009249.D

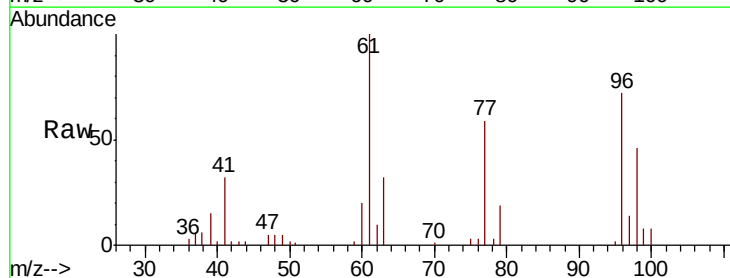
Acq: 23 Jan 2019 16:33

Tgt Ion: 77 Resp: 18052

Ion Ratio Lower Upper

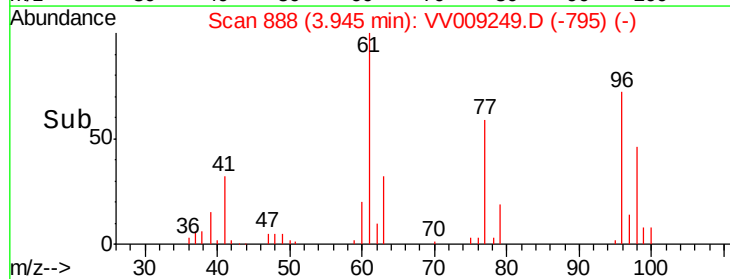
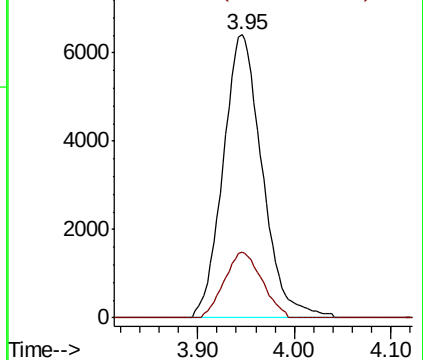
77 100

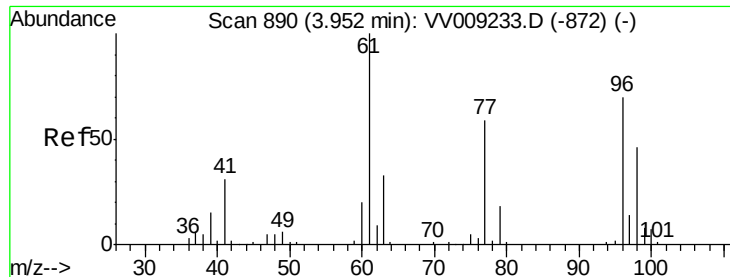
97 22.4 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV0

Ion 96.90 (96.60 to 97.60): VV0

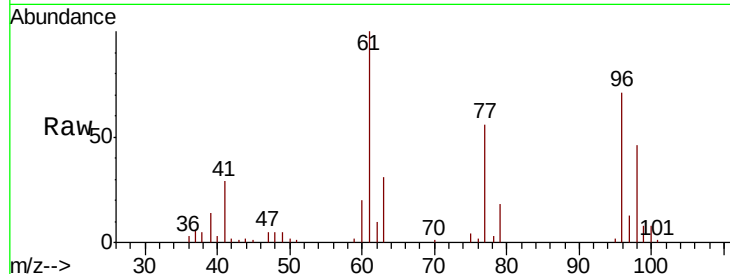




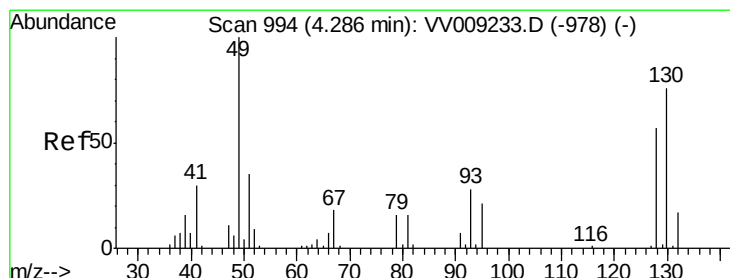
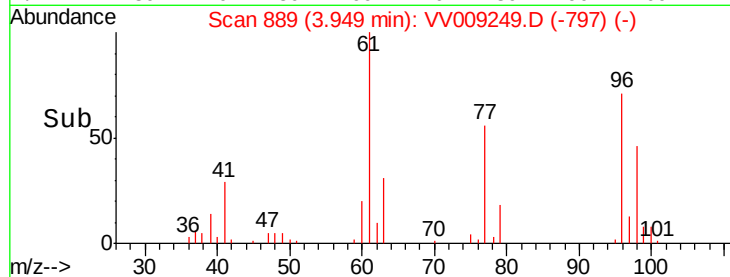
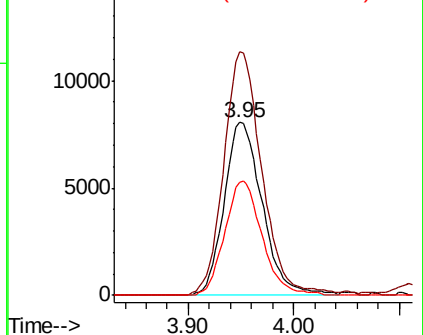
#27

cis-1,2-Dichloroethene
Concen: 17.757 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 96 Resp: 20187
Ion Ratio Lower Upper
96 100
61 140.5 0.0 296.4
98 64.7 0.0 130.0



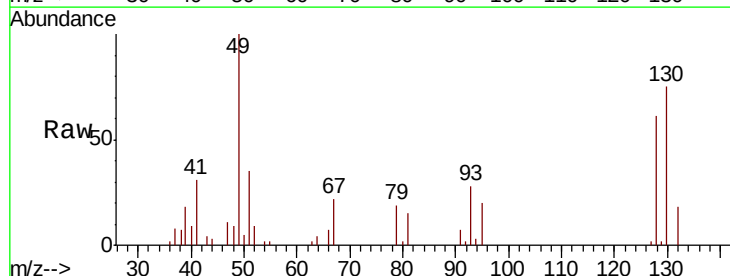
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



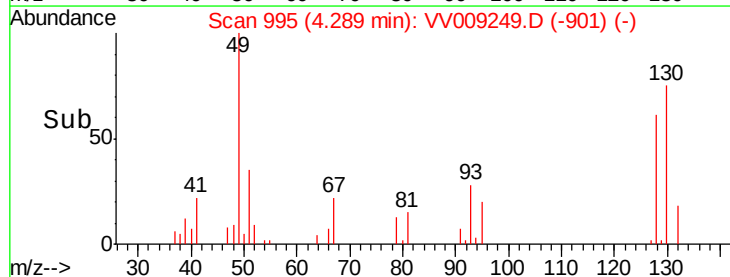
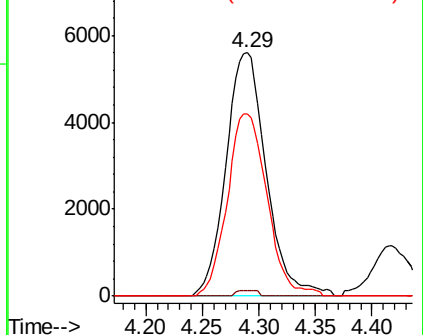
#28

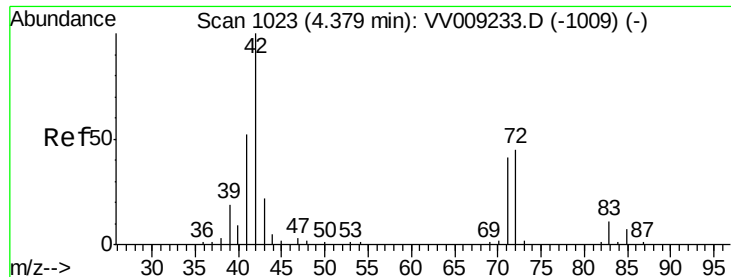
Bromochloromethane
Concen: 18.871 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 49 Resp: 13882
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.6
130 74.0 60.2 90.4



Abundance Ion 48.90 (48.60 to 49.60): VV0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.376 ug/l

RT: 4.38 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

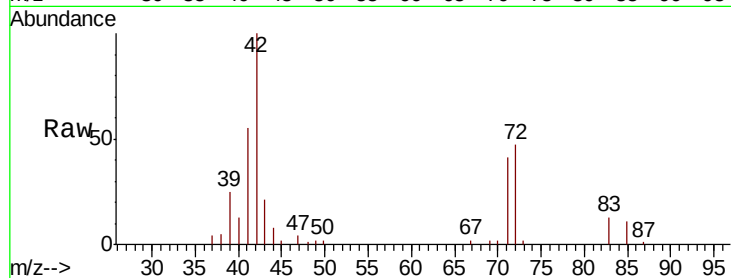
Tgt Ion: 42 Resp: 18384

Ion Ratio Lower Upper

42 100

72 43.4 37.7 56.5

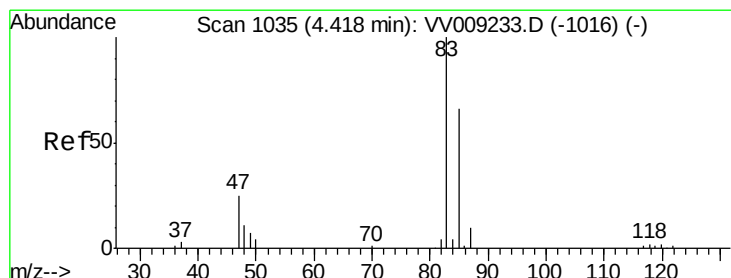
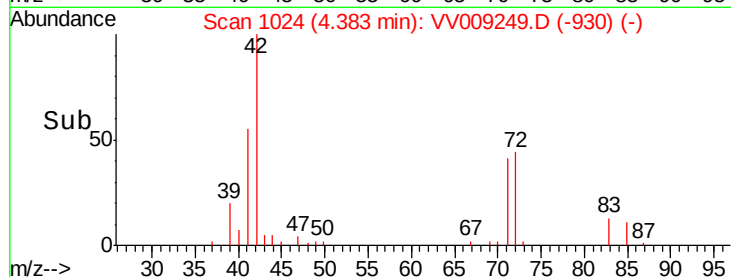
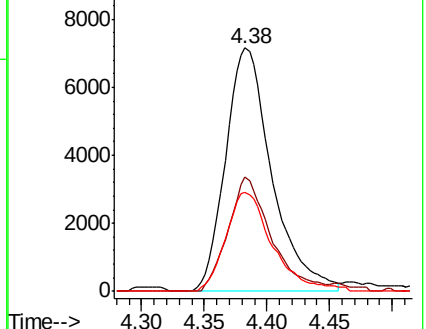
71 40.8 31.5 47.3



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

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

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



#30

Chloroform

Concen: 17.196 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009249.D

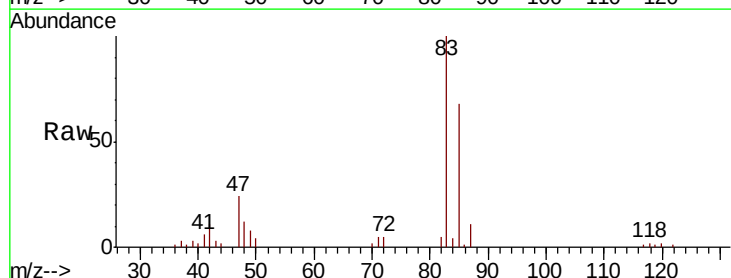
Acq: 23 Jan 2019 16:33

Tgt Ion: 83 Resp: 34429

Ion Ratio Lower Upper

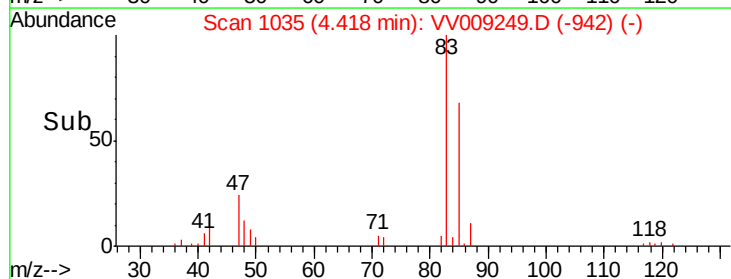
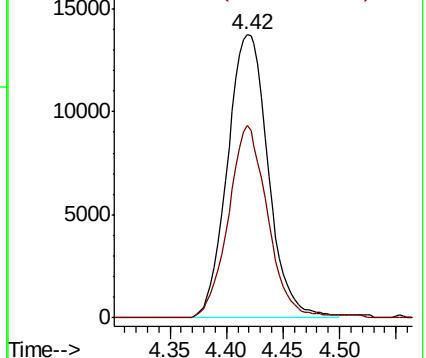
83 100

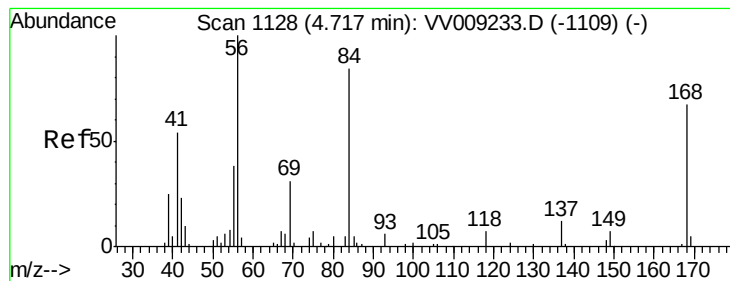
85 68.0 52.6 79.0



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

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





#31

Cyclohexane

Concen: 17.890 ug/l

RT: 4.72 min Scan# 1128

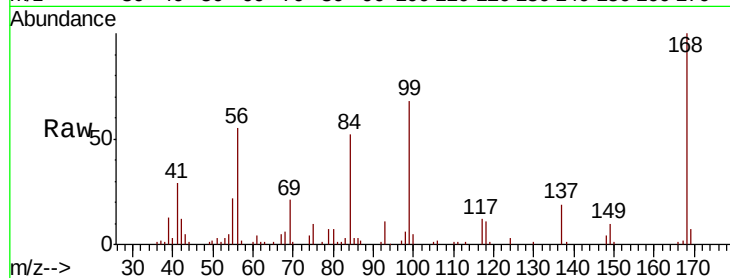
Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 56 Resp: 32557

Ion	Ratio	Lower	Upper
56	100		
69	37.3	25.1	37.7
84	91.2	67.3	100.9

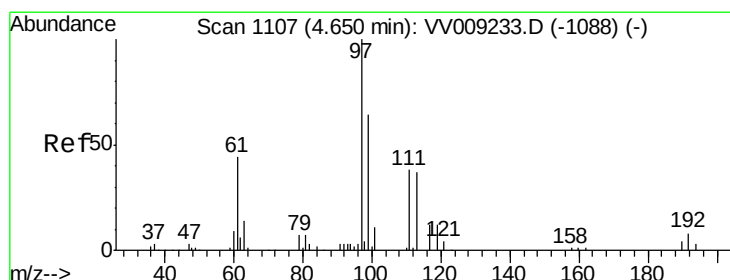
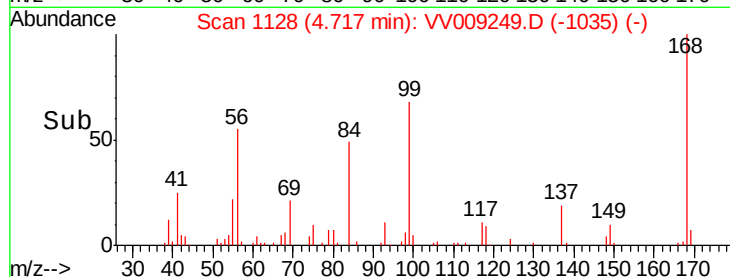
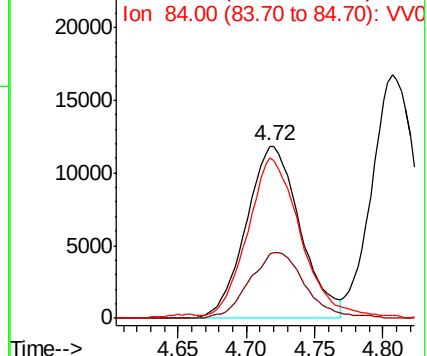


Abundance

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: 16.967 ug/l

RT: 4.65 min Scan# 1107

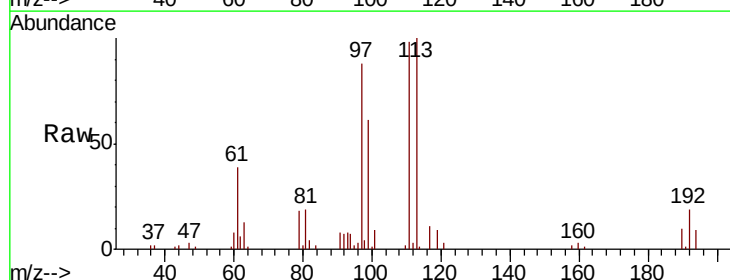
Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 97 Resp: 28632

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.2	75.2
61	44.4	34.7	52.1

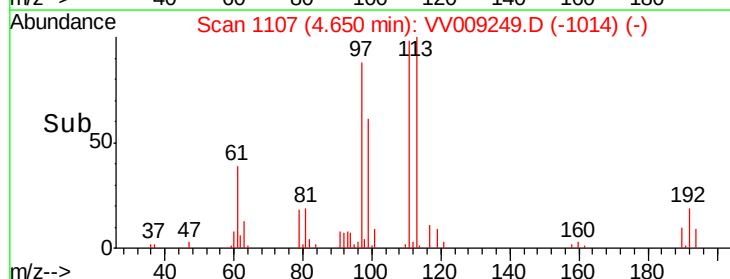
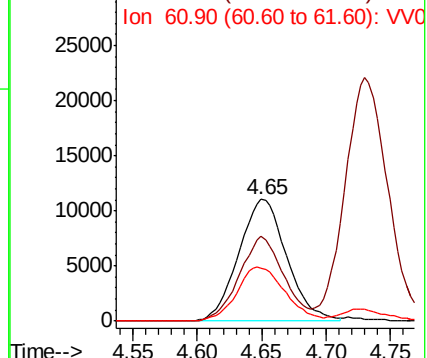


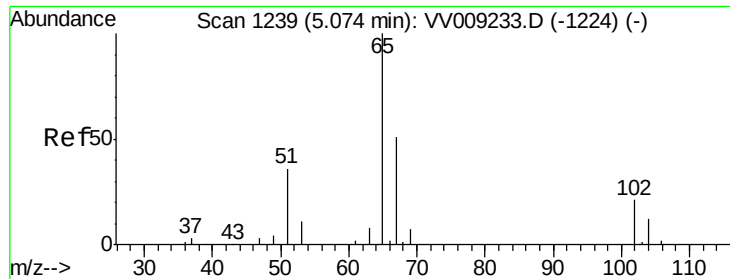
Abundance

Ion 96.90 (96.60 to 97.60): VV0

Ion 98.90 (98.60 to 99.60): VV0

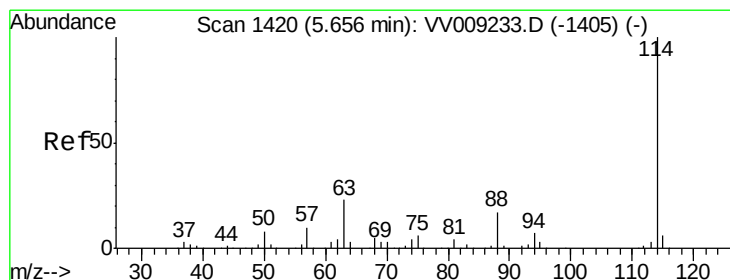
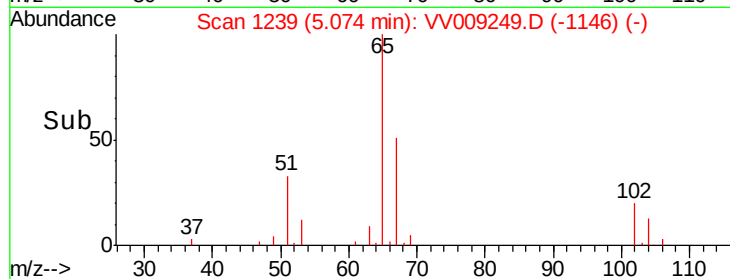
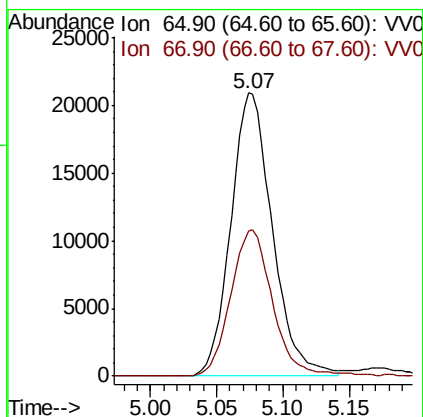
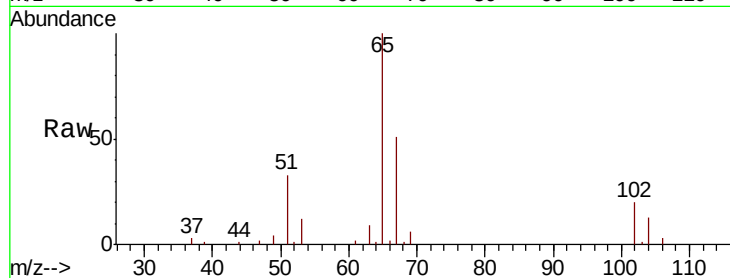
Ion 60.90 (60.60 to 61.60): VV0





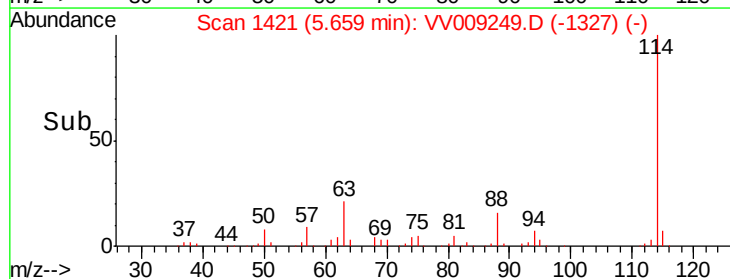
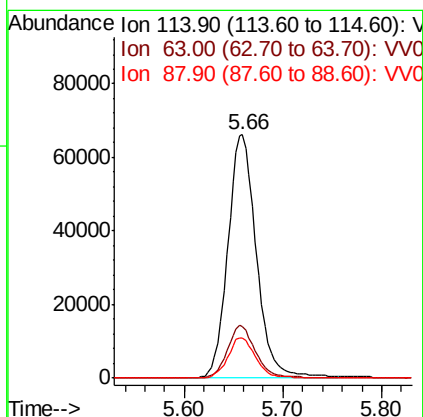
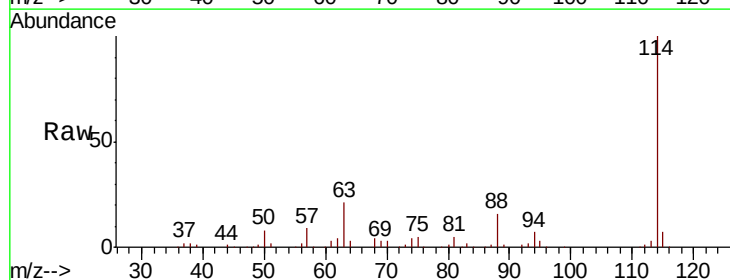
#33
 1,2-Dichloroethane-d4
 Concen: 45.315 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

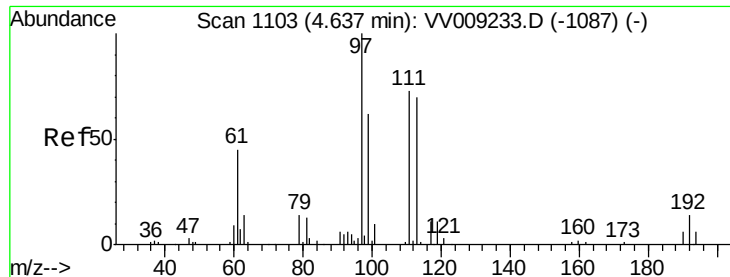
Tgt Ion: 65 Resp: 45553
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 114 Resp: 133907
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.302 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

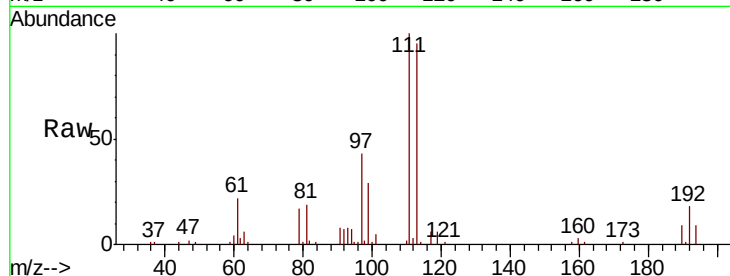
Tgt Ion: 113 Resp: 40346

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 18.5 15.0 22.6

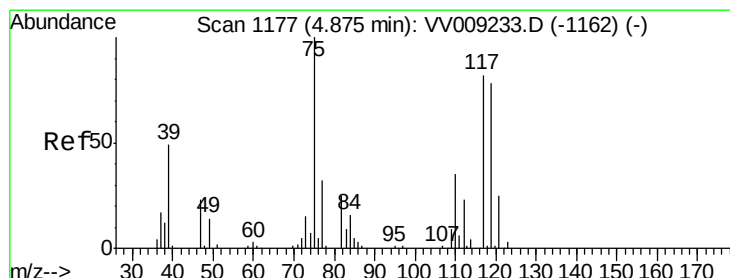
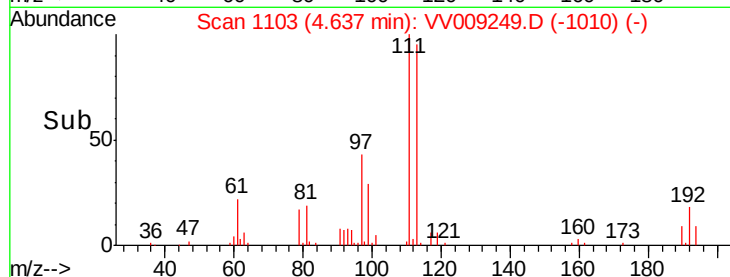
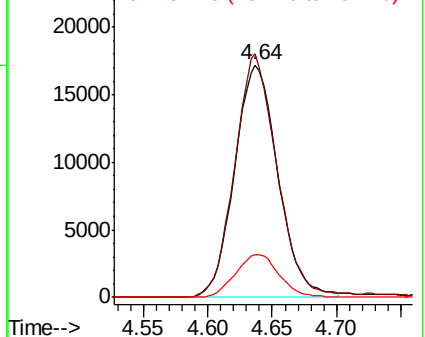


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.842 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

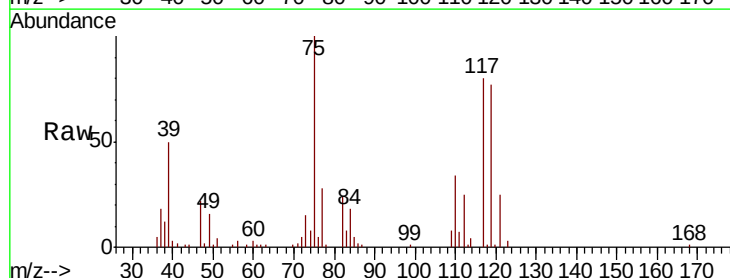
Tgt Ion: 75 Resp: 26526

Ion Ratio Lower Upper

75 100

110 35.5 17.5 52.5

77 31.0 25.5 38.3

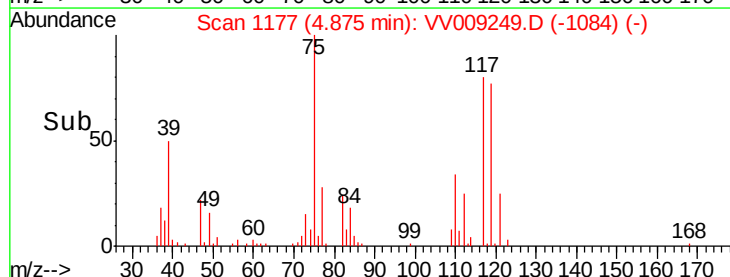
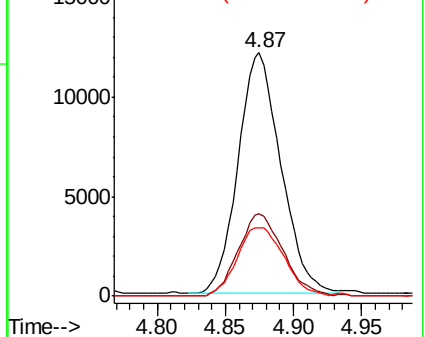


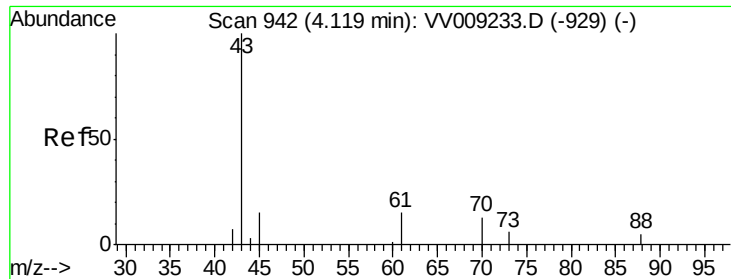
Abundance

Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

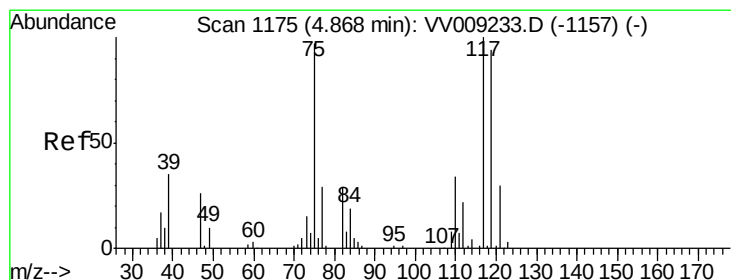
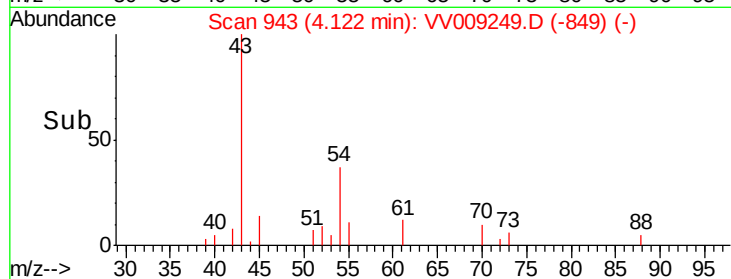
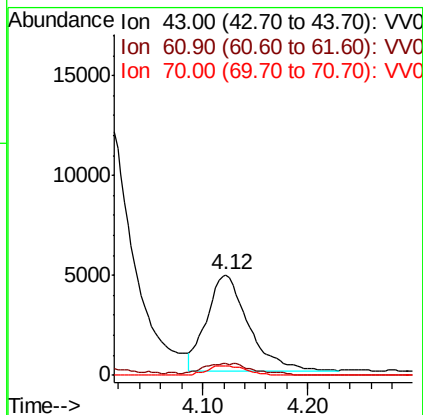
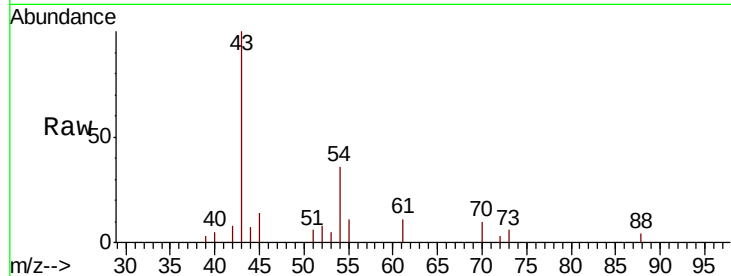
Ion 76.90 (76.60 to 77.60): VV0





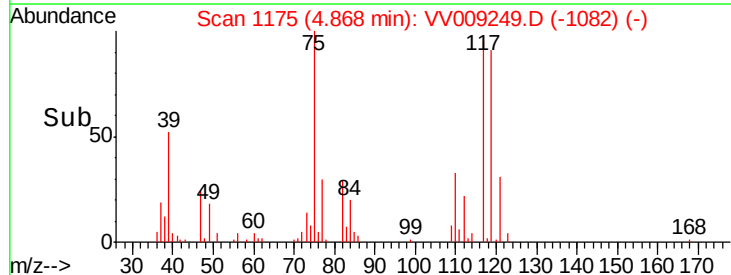
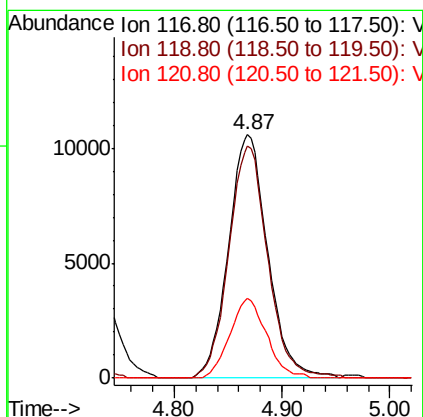
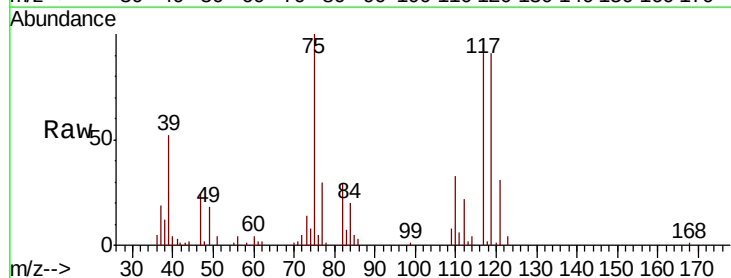
#37
Ethyl Acetate
Concen: 23.162 ug/l
RT: 4.12 min Scan# 943
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

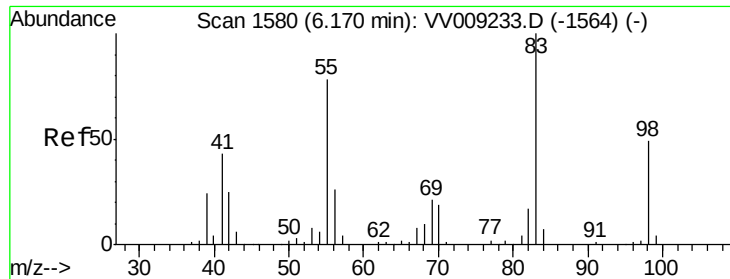
Tgt Ion: 43 Resp: 13234
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 9.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.983 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 117 Resp: 26766
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.2
121 32.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.451 ug/l

RT: 6.17 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

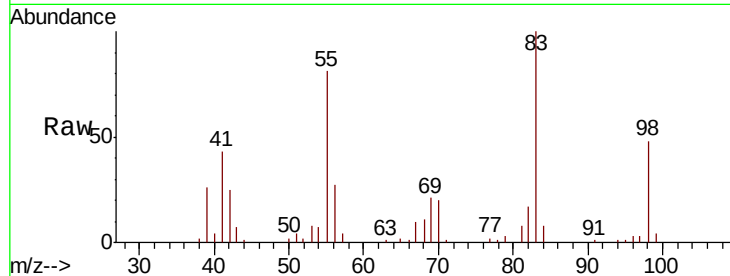
Tgt Ion: 83 Resp: 32485

Ion Ratio Lower Upper

83 100

55 81.3 62.8 94.2

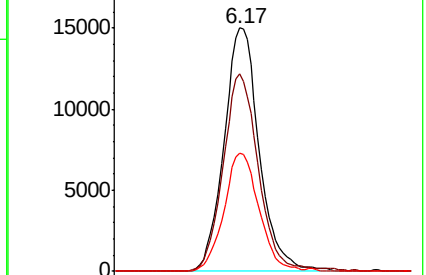
98 48.4 39.1 58.7



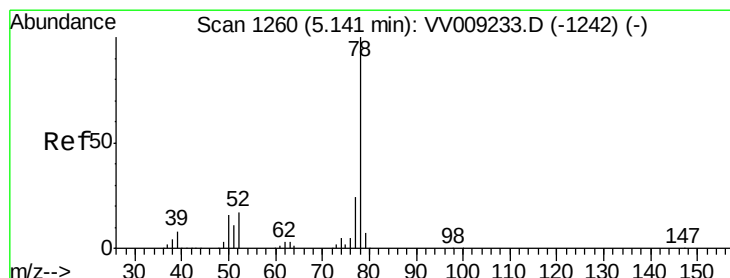
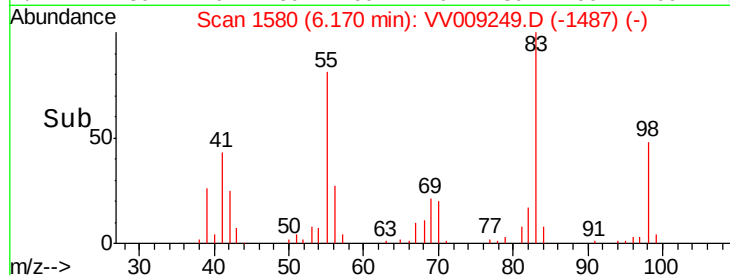
Abundance Ion 83.00 (82.70 to 83.70): VV009233.D (-1564) (-)

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

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



Time-->



#40

Benzene

Concen: 17.984 ug/l

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV009249.D

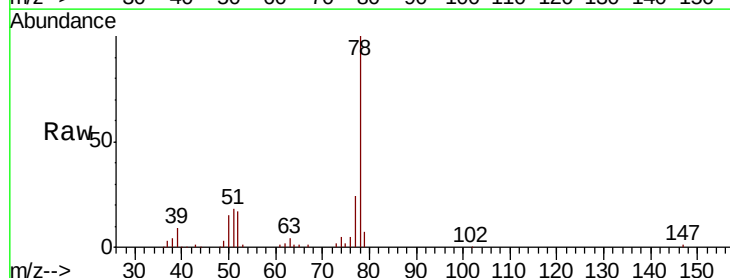
Acq: 23 Jan 2019 16:33

Tgt Ion: 78 Resp: 74783

Ion Ratio Lower Upper

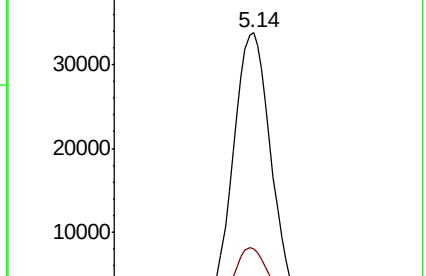
78 100

77 23.6 19.4 29.2

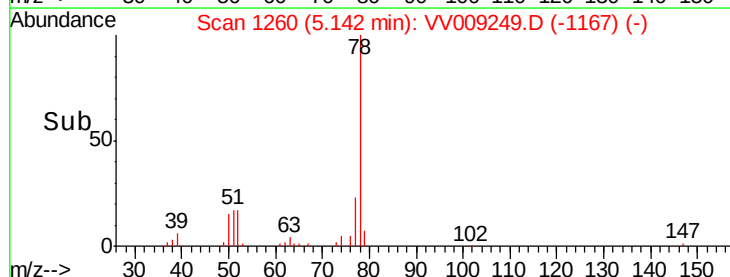


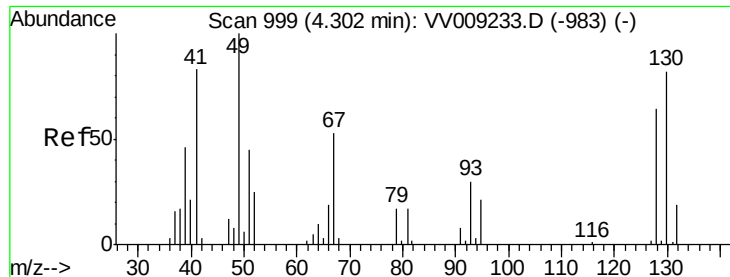
Abundance Ion 78.00 (77.70 to 78.70): VV009233.D (-1242) (-)

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



Time-->





#41

Methacrylonitrile

Concen: 21.318 ug/l

RT: 4.31 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 41 Resp: 7341

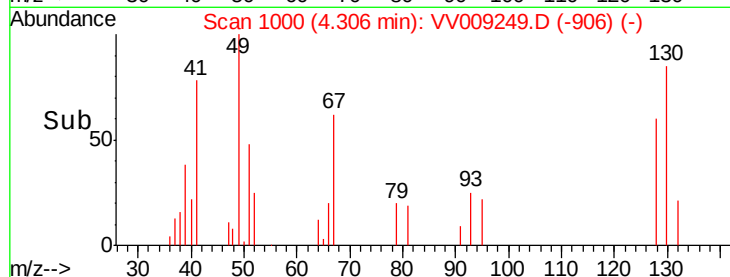
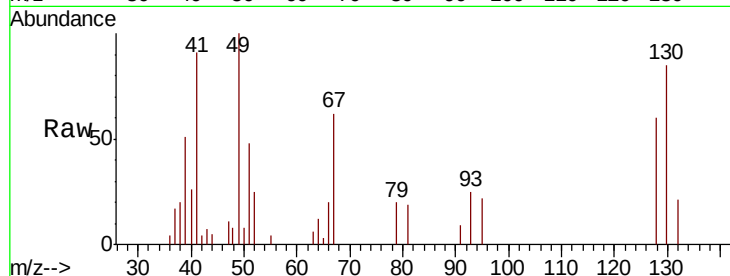
Ion Ratio Lower Upper

41 100

39 52.7 45.4 68.0

67 70.9 55.5 83.3

52 30.1 25.2 37.8



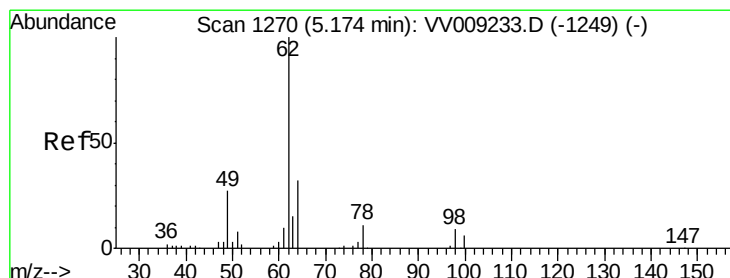
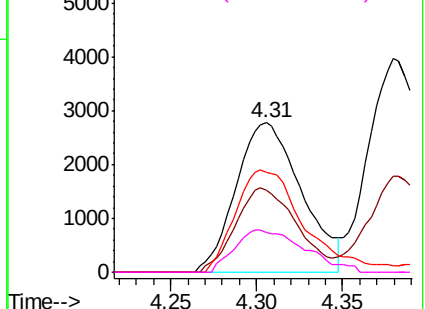
Abundance

Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 67.00 (66.70 to 67.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#42

1,2-Dichloroethane

Concen: 18.110 ug/l

RT: 5.17 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VV009249.D

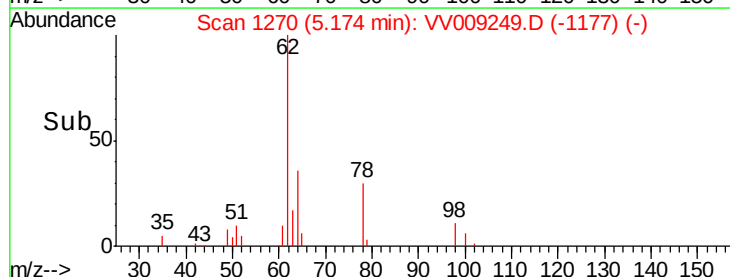
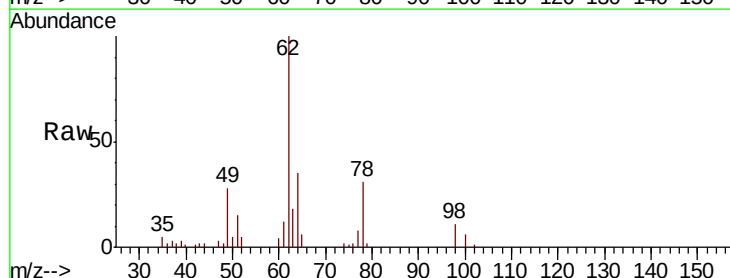
Acq: 23 Jan 2019 16:33

Tgt Ion: 62 Resp: 23568

Ion Ratio Lower Upper

62 100

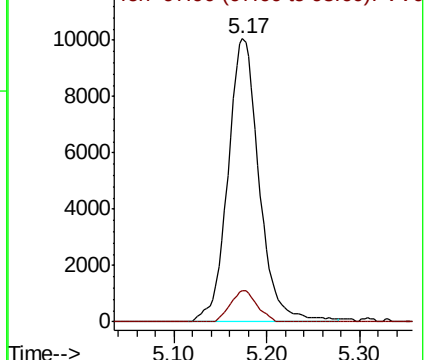
98 9.3 0.0 16.4

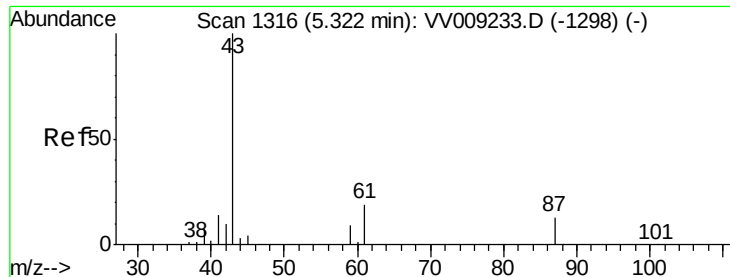


Abundance

Ion 61.90 (61.60 to 62.60): VV0

Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 21.240 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

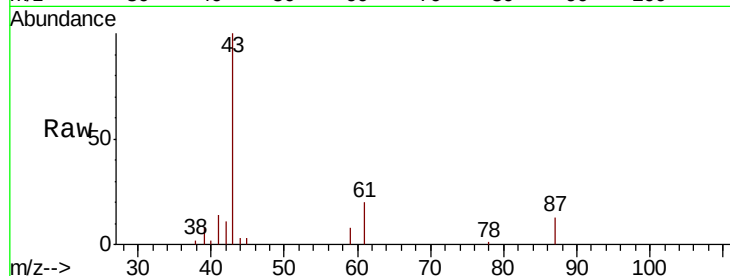
Tgt Ion: 43 Resp: 23871

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

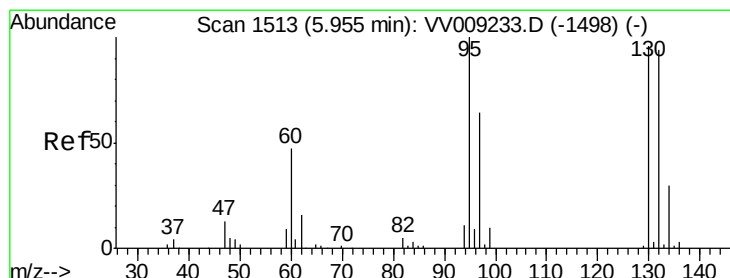
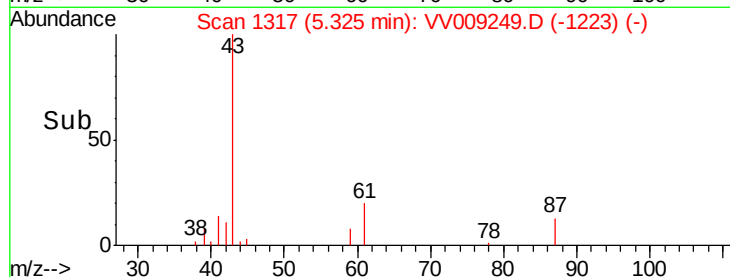
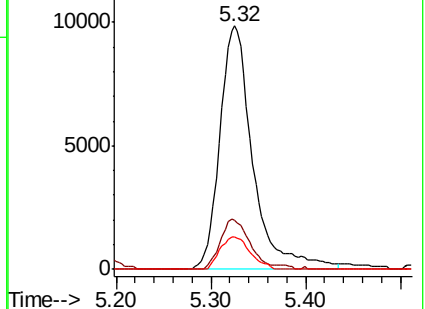
87 12.1 9.9 14.9



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

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

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



#44

Trichloroethene

Concen: 17.606 ug/l

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV009249.D

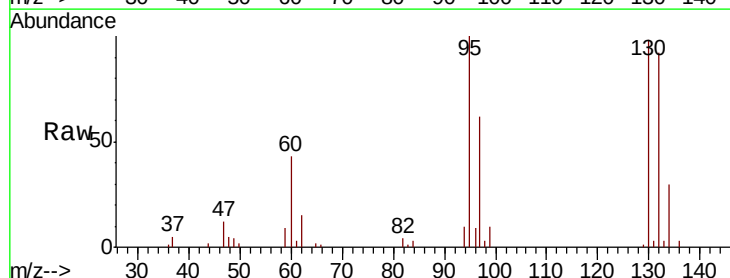
Acq: 23 Jan 2019 16:33

Tgt Ion: 130 Resp: 19265

Ion Ratio Lower Upper

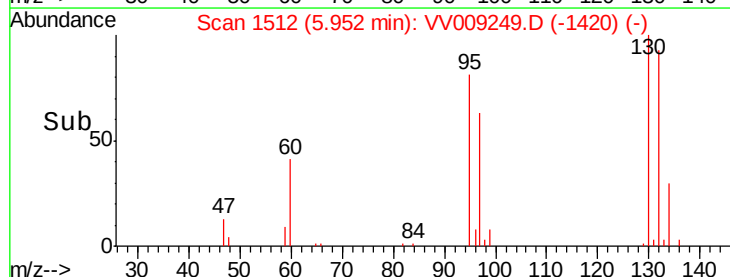
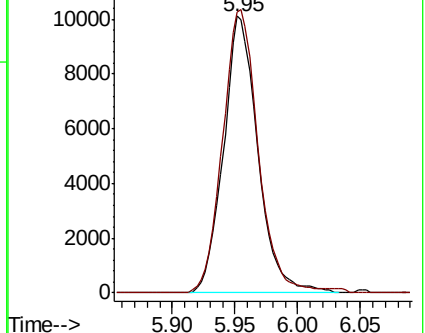
130 100

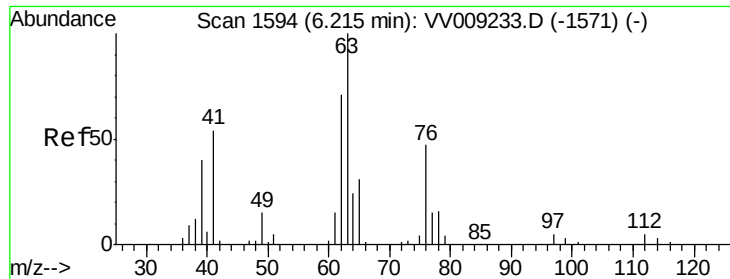
95 101.6 0.0 208.2



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

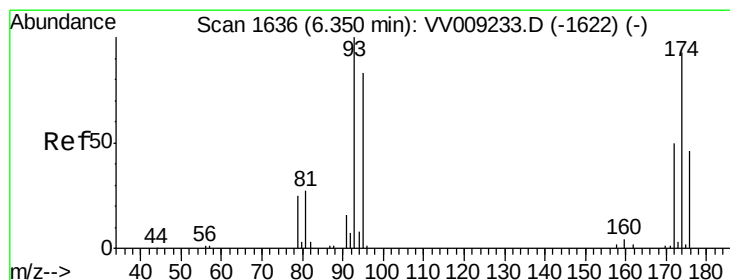
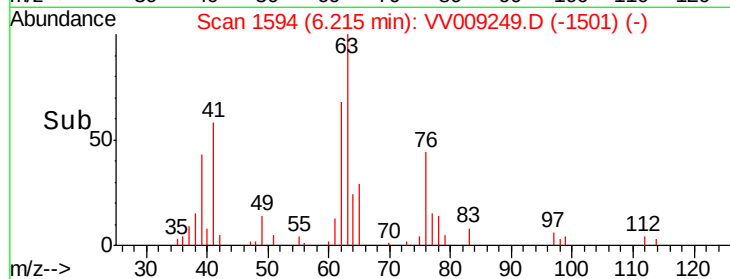
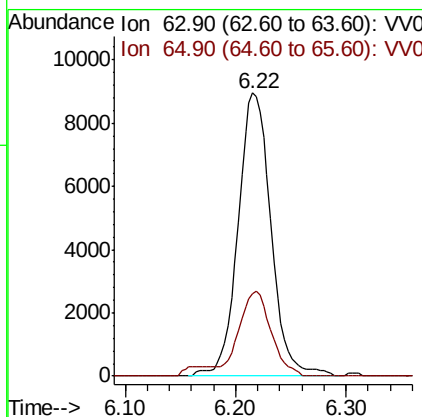
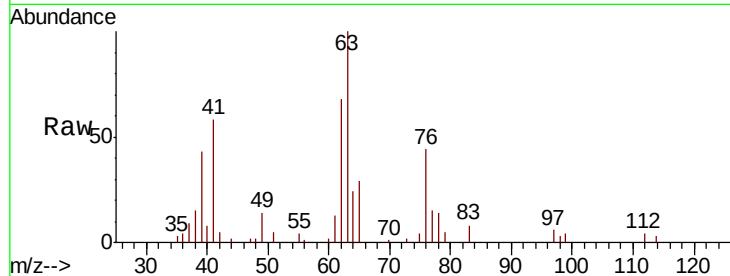
Ion 94.90 (94.60 to 95.60): VV009233.D (-1498) (-)





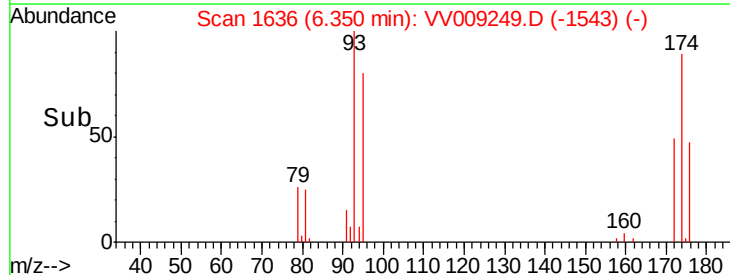
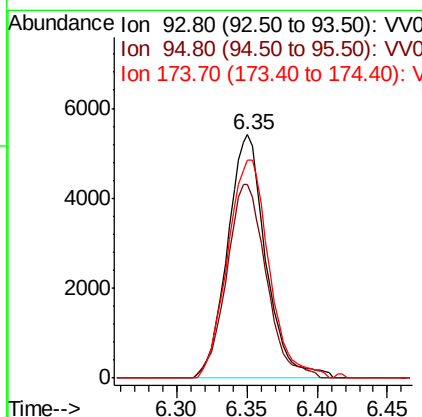
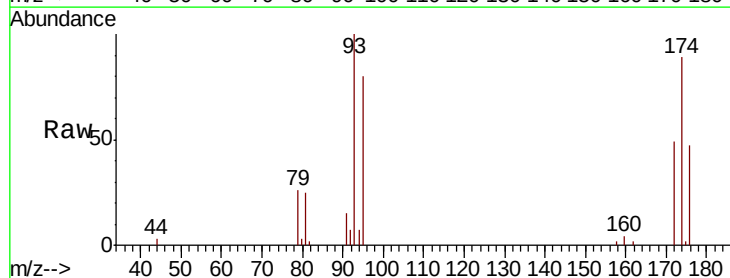
#45
 1,2-Dichloropropane
 Concen: 18.553 ug/l
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

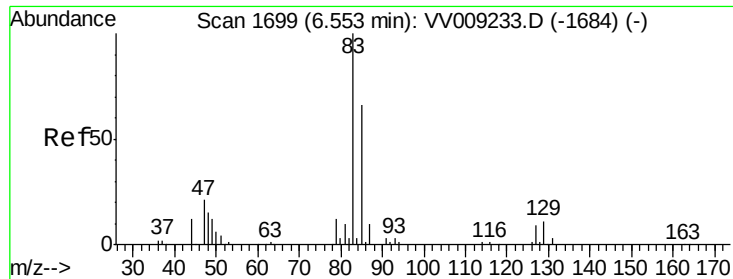
Tgt Ion: 63 Resp: 18557
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.1 37.7



#46
 Dibromomethane
 Concen: 19.999 ug/l
 RT: 6.35 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 93 Resp: 10264
 Ion Ratio Lower Upper
 93 100
 95 82.5 64.6 97.0
 174 97.3 74.0 111.0





#47

Bromodichloromethane

Concen: 17.906 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

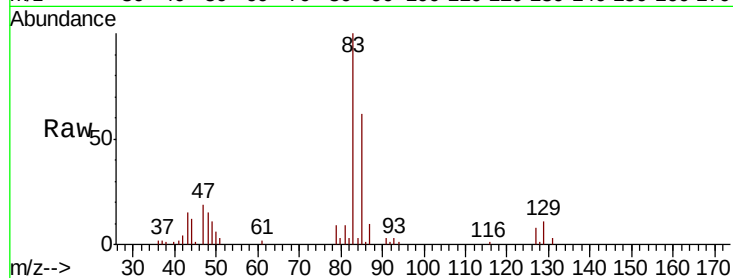
Tgt Ion: 83 Resp: 24284

Ion Ratio Lower Upper

83 100

85 61.5 52.6 78.8

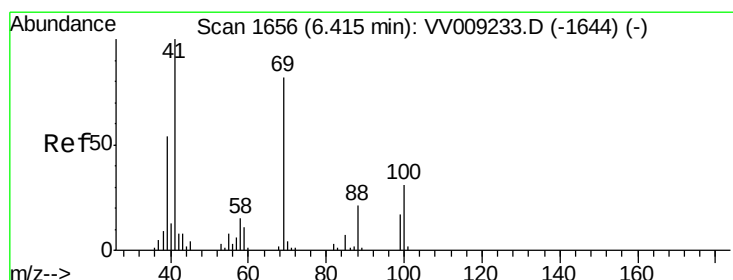
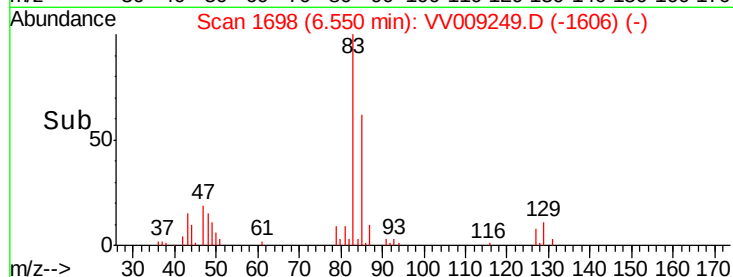
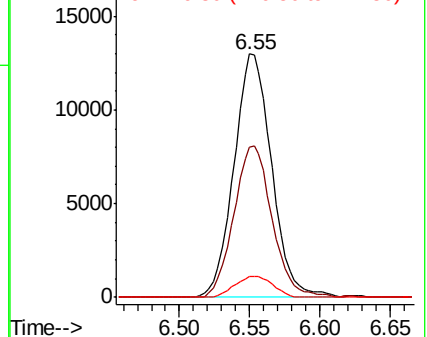
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

Ion 84.90 (84.60 to 85.60): VV009233.D (-1684) (-)

Ion 126.80 (126.50 to 127.50): VV009233.D (-1684) (-)



#48

Methyl methacrylate

Concen: 20.113 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

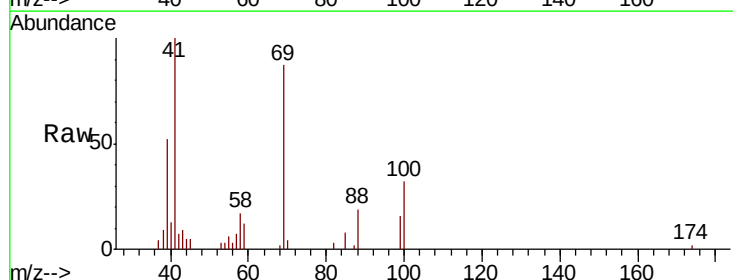
Tgt Ion: 41 Resp: 11535

Ion Ratio Lower Upper

41 100

69 86.6 65.8 98.6

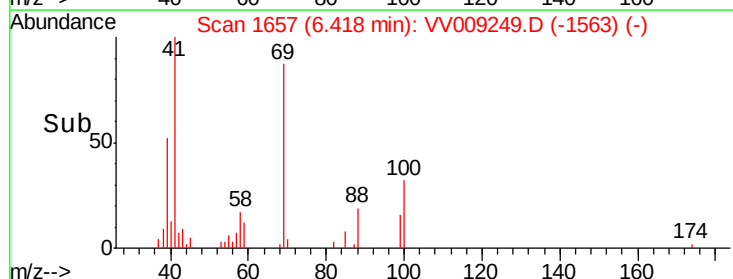
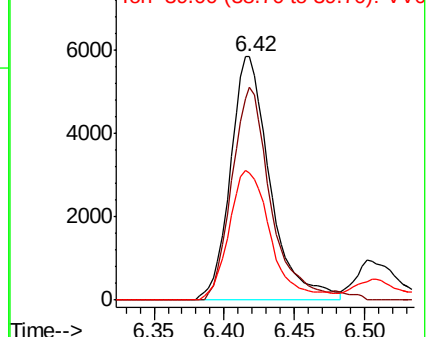
39 56.3 43.4 65.0

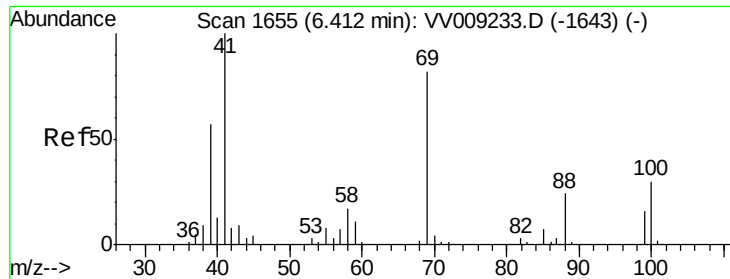


Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

Ion 69.00 (68.70 to 69.70): VV009233.D (-1644) (-)

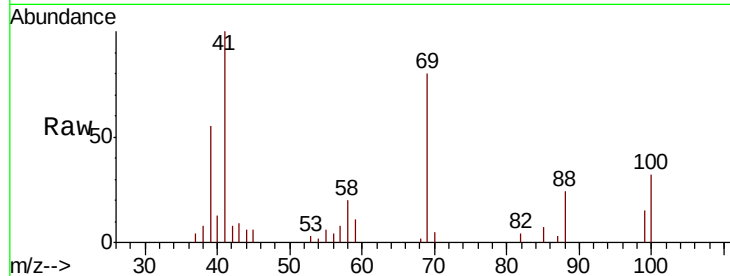
Ion 39.00 (38.70 to 39.70): VV009233.D (-1644) (-)



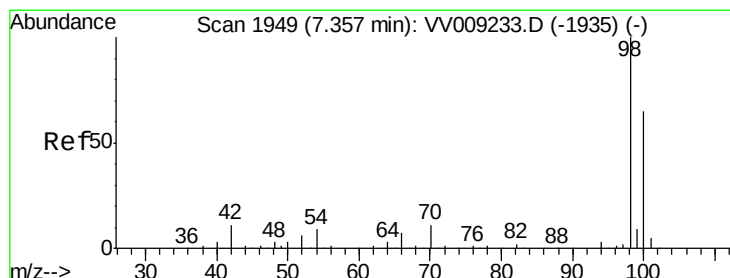
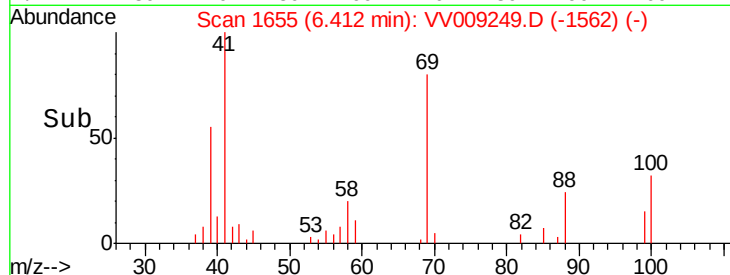
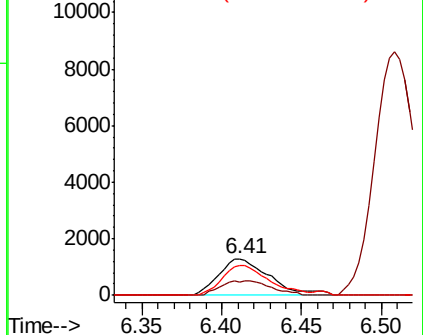


#49
 1,4-Dioxane
 Concen: 429.358 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 88 Resp: 2807
 Ion Ratio Lower Upper
 88 100
 43 39.5 31.9 47.9
 58 76.3 62.0 93.0

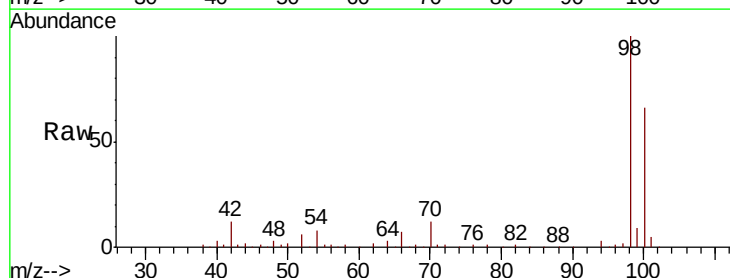


Abundance Ion 88.00 (87.70 to 88.70): VV0
 Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0

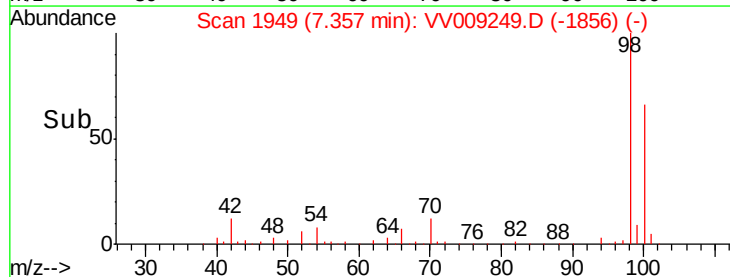
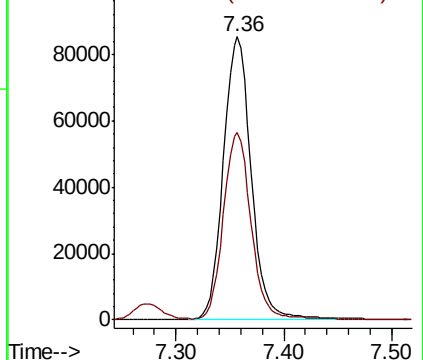


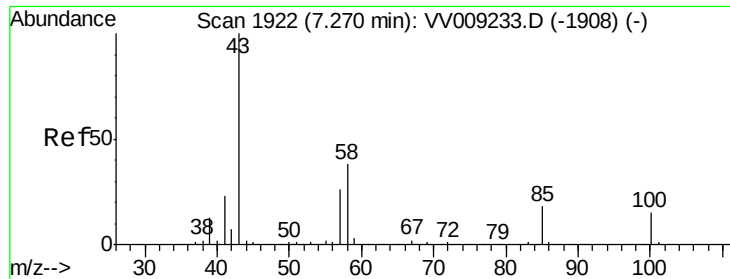
#50
 Toluene-d8
 Concen: 45.455 ug/l
 RT: 7.36 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 98 Resp: 154152
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0





#51

4-Methyl-2-Pentanone

Concen: 103.948 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009249.D

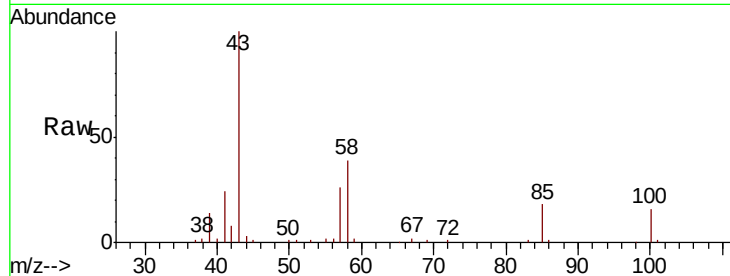
Acq: 23 Jan 2019 16:33

Tgt Ion: 43 Resp: 59289

Ion Ratio Lower Upper

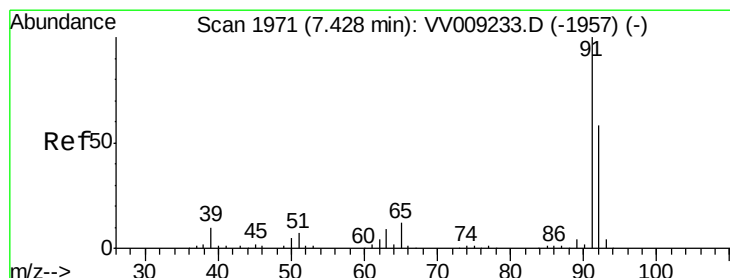
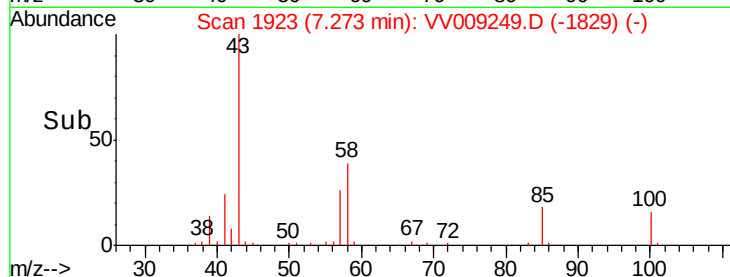
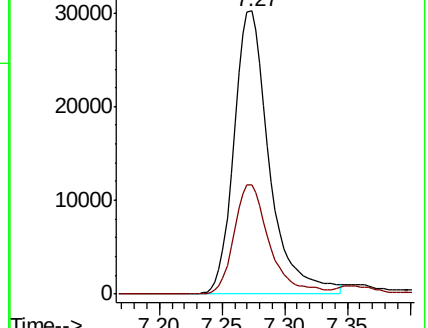
43 100

58 38.7 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) (-)



#52

Toluene

Concen: 18.271 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009249.D

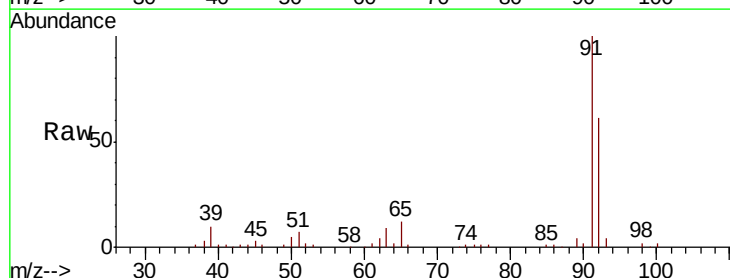
Acq: 23 Jan 2019 16:33

Tgt Ion: 92 Resp: 48060

Ion Ratio Lower Upper

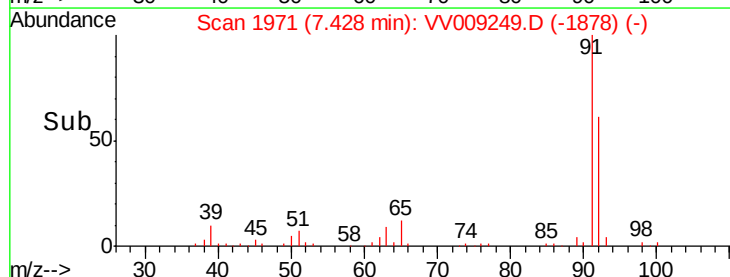
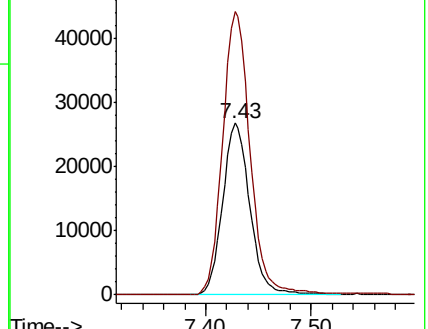
92 100

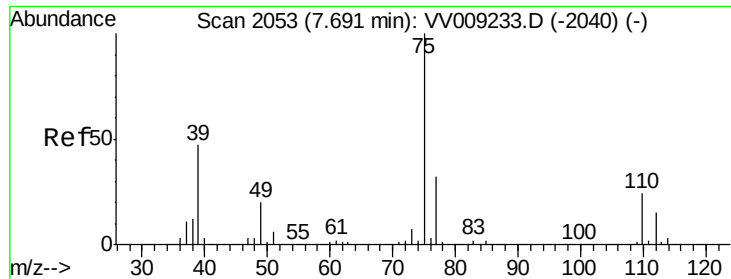
91 165.6 137.2 205.8



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

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





#53

t-1,3-Dichloropropene

Concen: 17.841 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009249.D

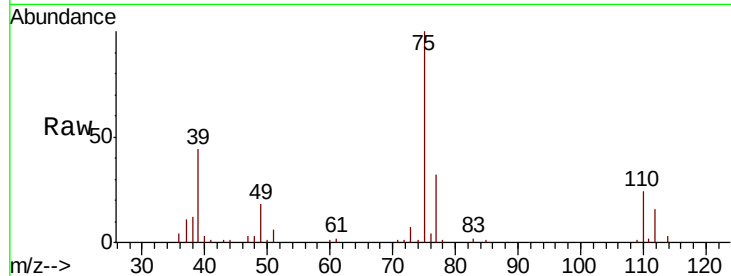
Acq: 23 Jan 2019 16:33

Tgt Ion: 75 Resp: 23550

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2040) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-2040) (-)

7.69

15000

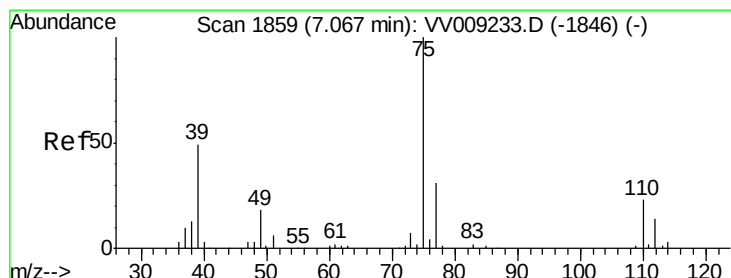
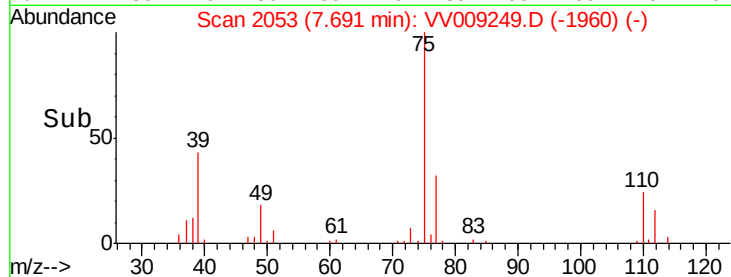
10000

5000

0

7.65 7.70 7.75

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.837 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

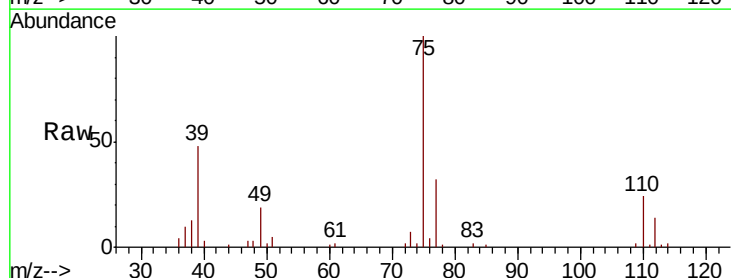
Tgt Ion: 75 Resp: 27111

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 48.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-1846) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-1846) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-1846) (-)

7.07

20000

15000

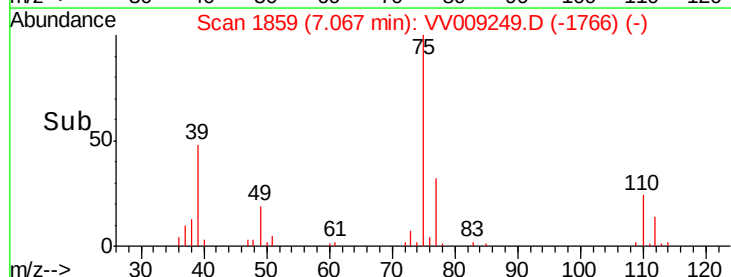
10000

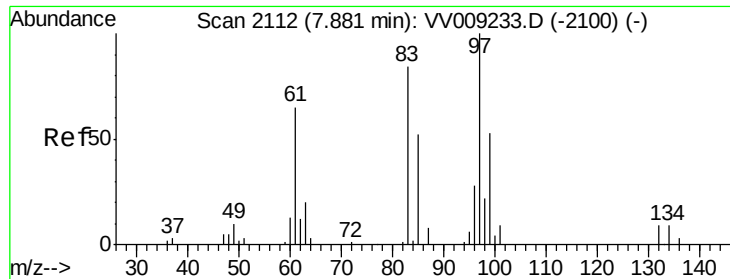
5000

0

7.00 7.05 7.10 7.15

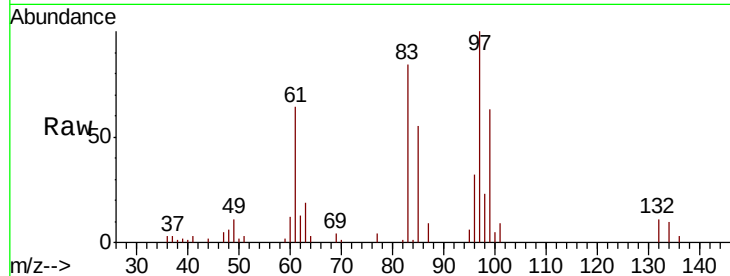
Time-->



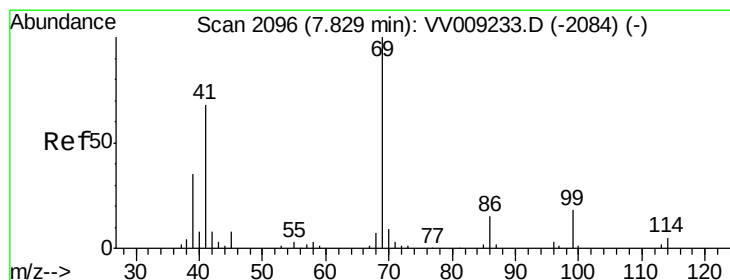
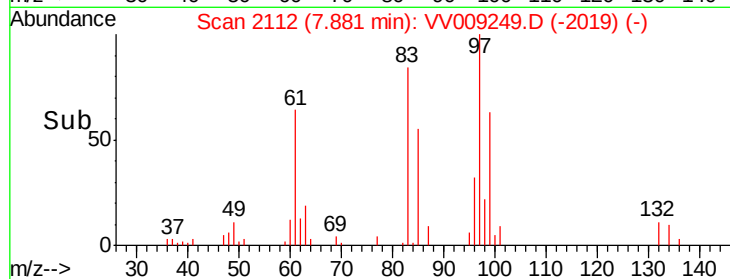
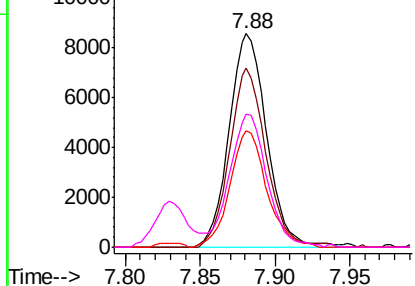


#55
 1,1,2-Trichloroethane
 Concen: 20.725 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:	97	Resp:	14987
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.4	101.0
85	54.8	42.6	64.0
99	62.6	51.1	76.7

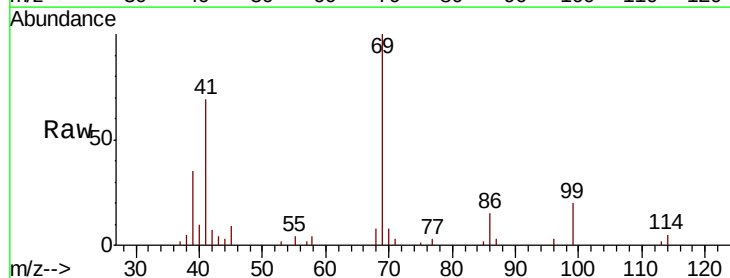


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

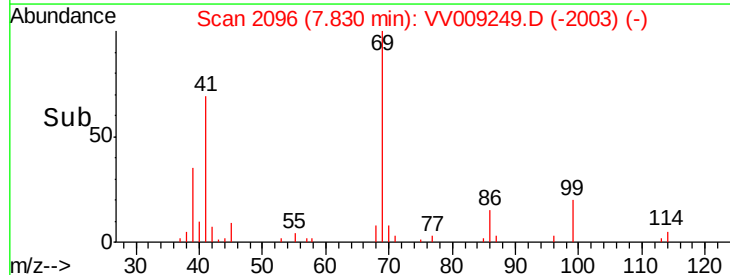
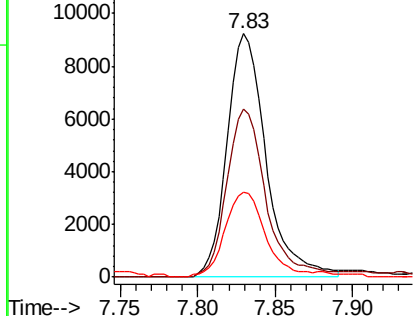


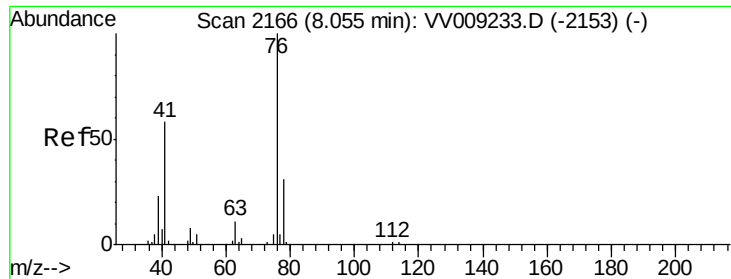
#56
 Ethyl methacrylate
 Concen: 19.207 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:	69	Resp:	16182
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.0	81.0
39	37.3	26.8	40.2



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





#57

1,3-Dichloropropane

Concen: 19.486 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009249.D

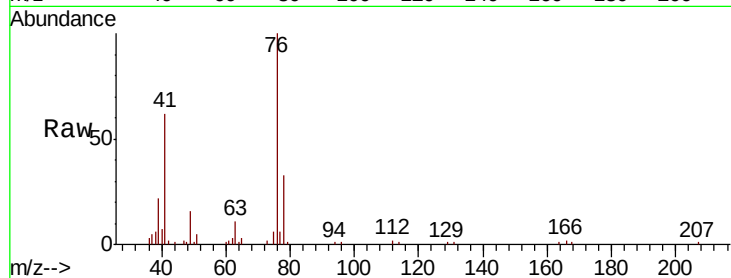
Acq: 23 Jan 2019 16:33

Tgt Ion: 76 Resp: 25512

Ion Ratio Lower Upper

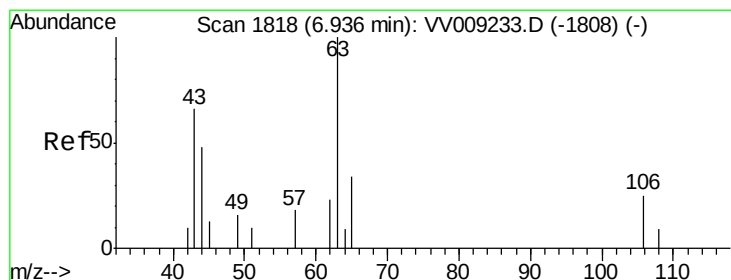
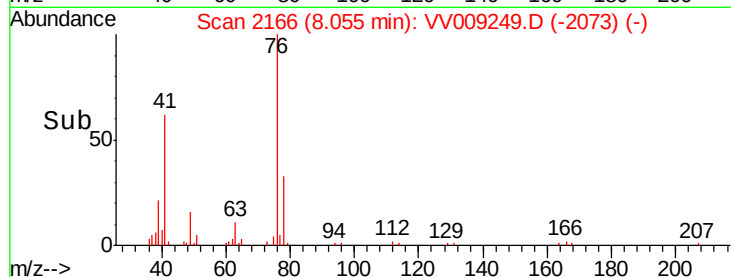
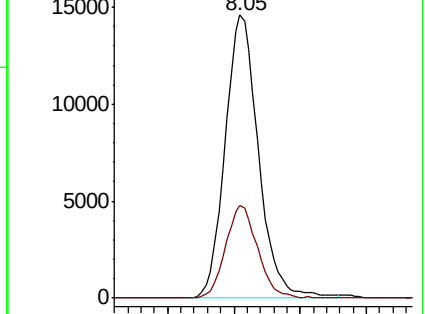
76 100

78 31.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#58

2-Chloroethyl Vinyl ether

Concen: 28.711 ug/l

RT: 6.93 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VV009249.D

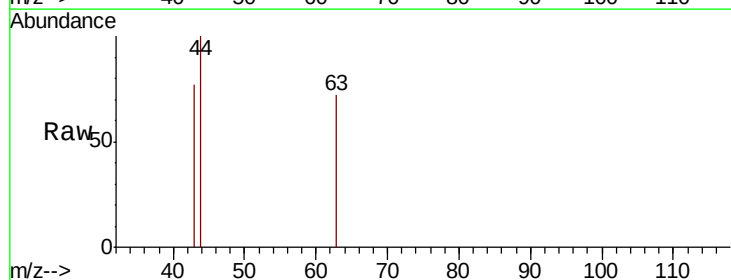
Acq: 23 Jan 2019 16:33

Tgt Ion: 63 Resp: 378

Ion Ratio Lower Upper

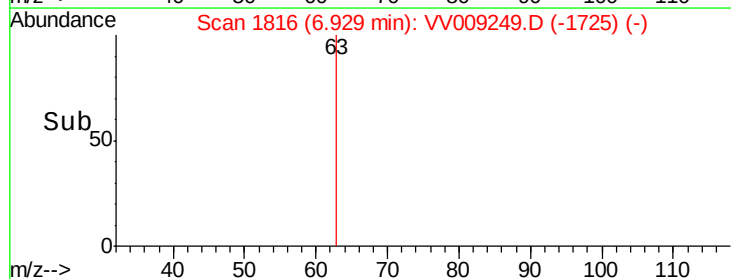
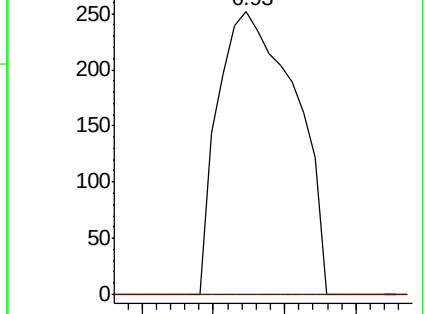
63 100

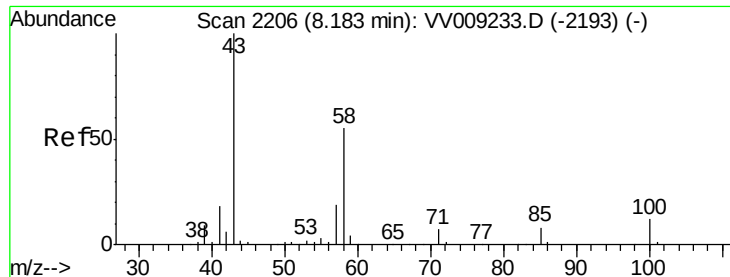
106 0.0 19.0 28.6#



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 110.314 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009249.D

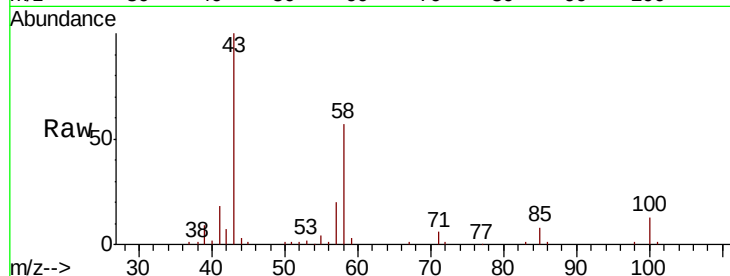
Acq: 23 Jan 2019 16:33

Tgt Ion: 43 Resp: 45509

Ion Ratio Lower Upper

43 100

58 55.3 27.5 82.5



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

Ion 58.00 (57.70 to 58.70): VV009233.D (-2193) (-)

25000

20000

15000

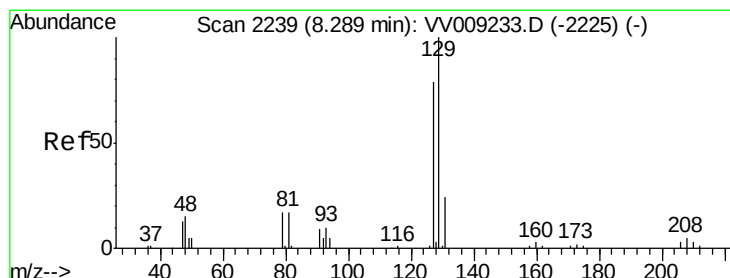
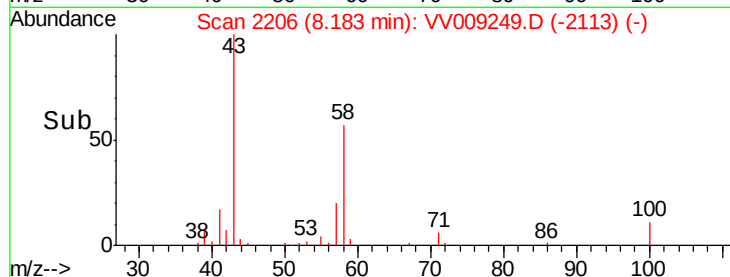
10000

5000

0

8.10 8.15 8.20 8.25 8.30

Time-->



#60

Dibromochloromethane

Concen: 18.959 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009249.D

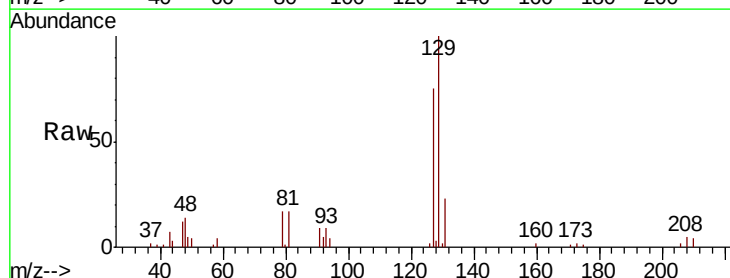
Acq: 23 Jan 2019 16:33

Tgt Ion: 129 Resp: 16052

Ion Ratio Lower Upper

129 100

127 76.2 38.8 116.4



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

Ion 126.80 (126.50 to 127.50): VV009233.D (-2225) (-)

10000

8000

6000

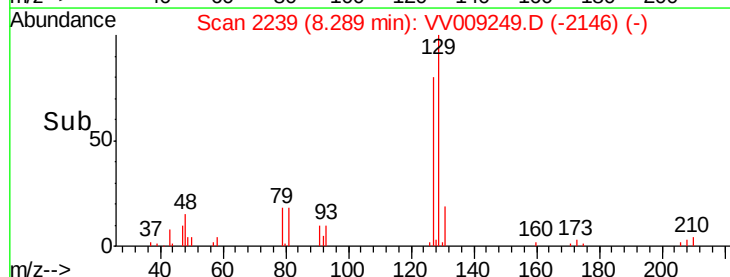
4000

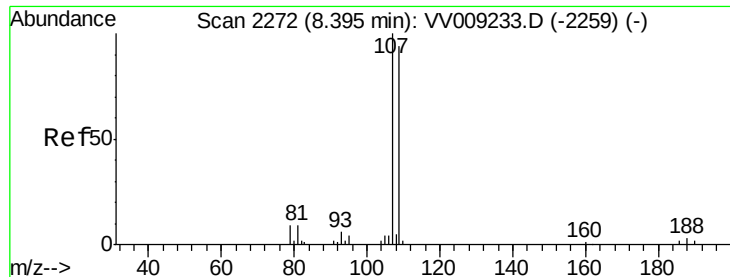
2000

0

8.25 8.30 8.35

Time-->





#61

1,2-Dibromoethane

Concen: 19.928 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009249.D

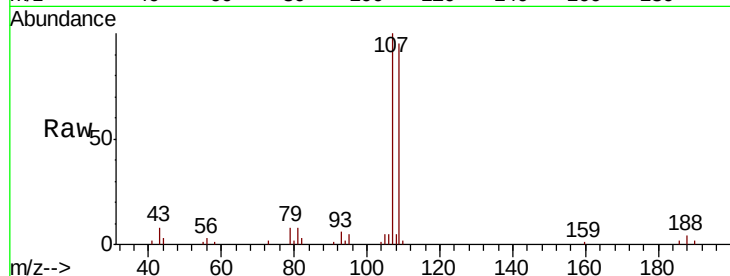
Acq: 23 Jan 2019 16:33

Tgt Ion: 107 Resp: 14092

Ion Ratio Lower Upper

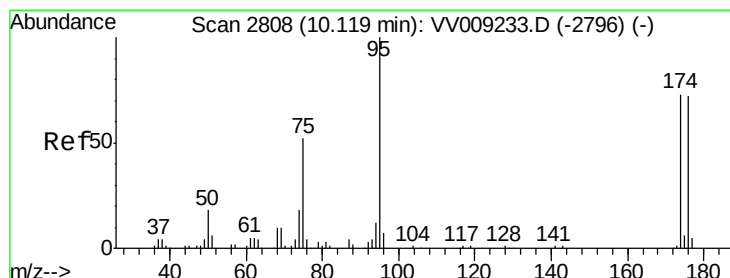
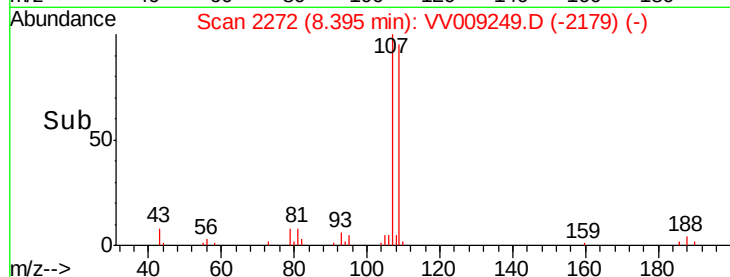
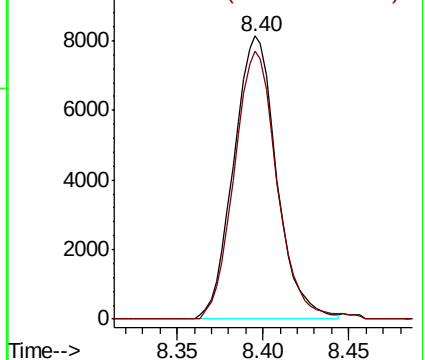
107 100

109 94.8 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: 46.291 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

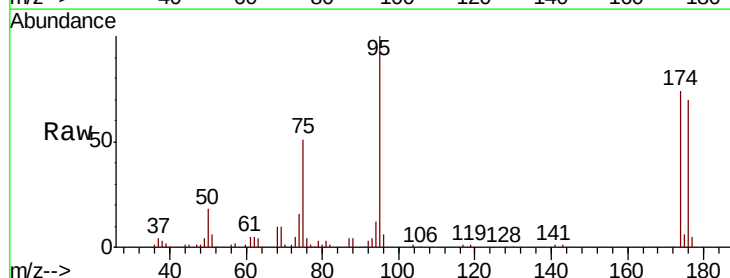
Tgt Ion: 95 Resp: 59155

Ion Ratio Lower Upper

95 100

174 74.0 0.0 148.2

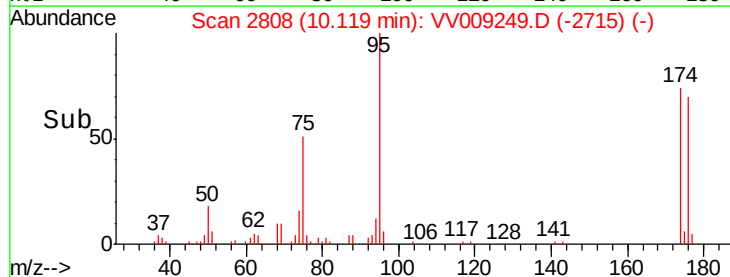
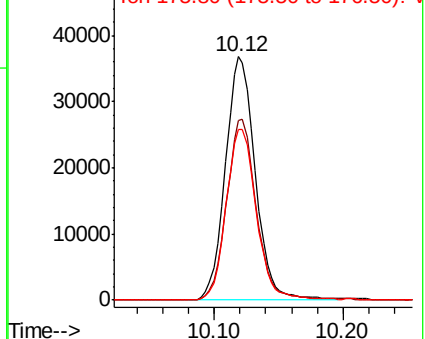
176 71.2 0.0 143.0

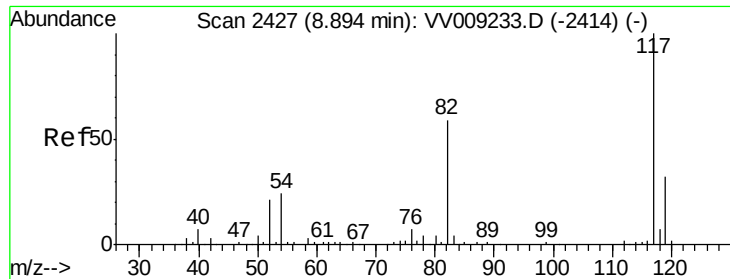


Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

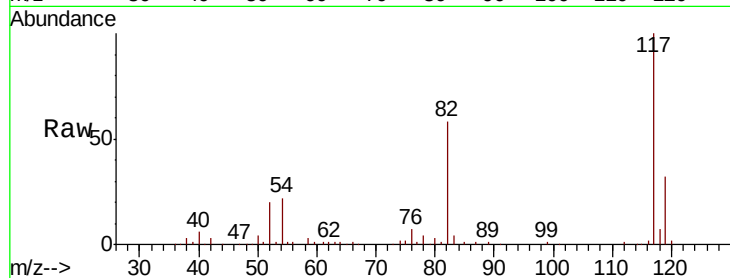
Ion 175.80 (175.50 to 176.50): V



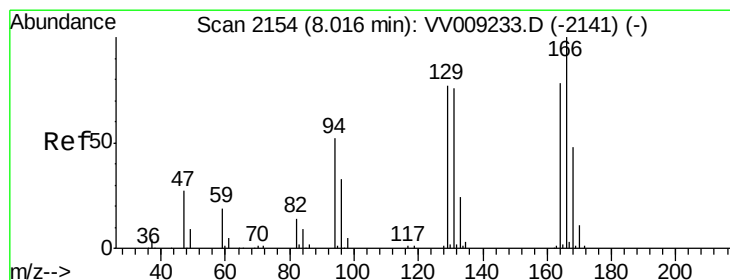
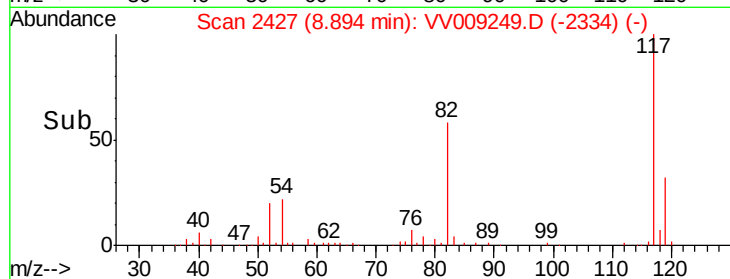
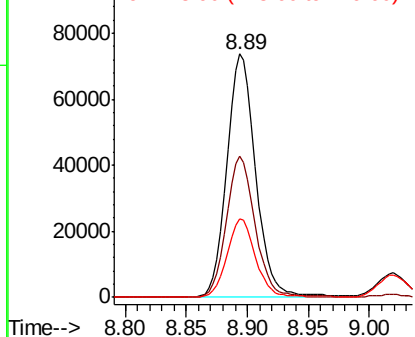


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:117 Resp: 122326
Ion Ratio Lower Upper
117 100
82 57.9 47.0 70.6
119 32.1 25.4 38.2

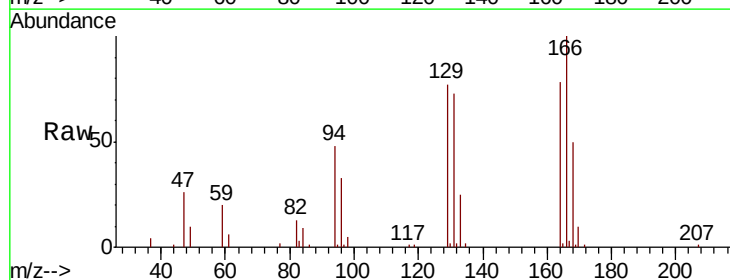


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

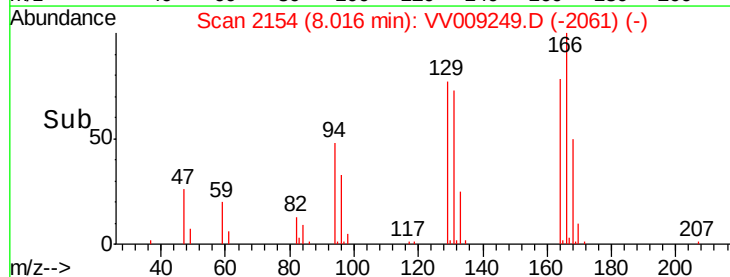
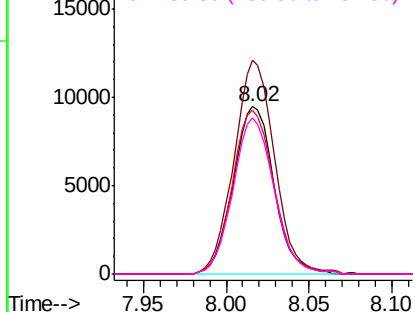


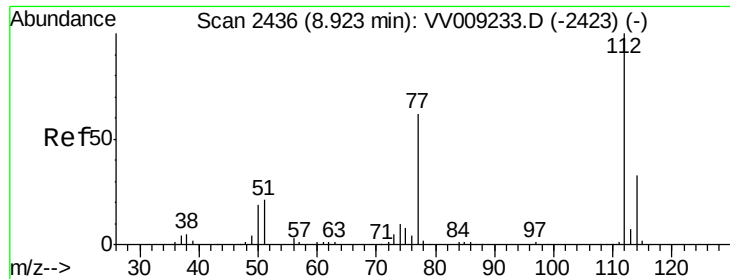
#64
Tetrachloroethene
Concen: 18.592 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:164 Resp: 16184
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 97.7 78.1 117.1
131 93.3 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: 18.091 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV009249.D

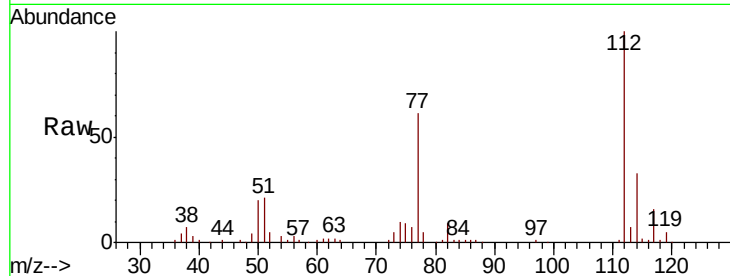
Acq: 23 Jan 2019 16:33

Tgt Ion:112 Resp: 51485

Ion Ratio Lower Upper

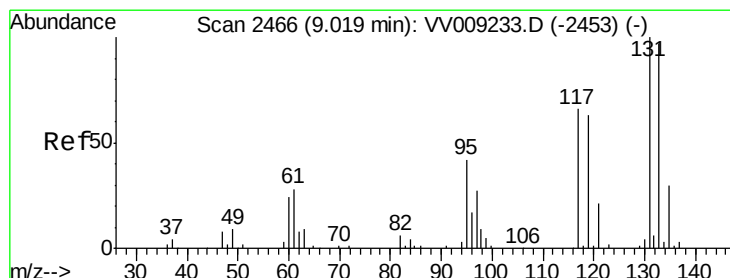
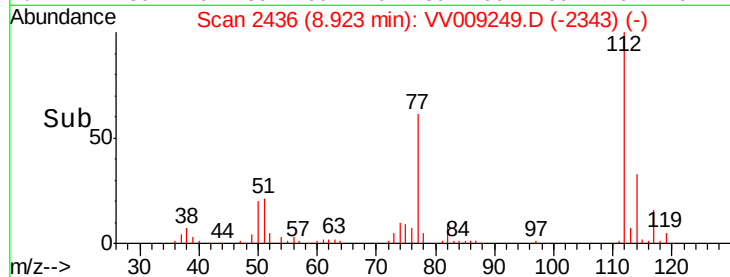
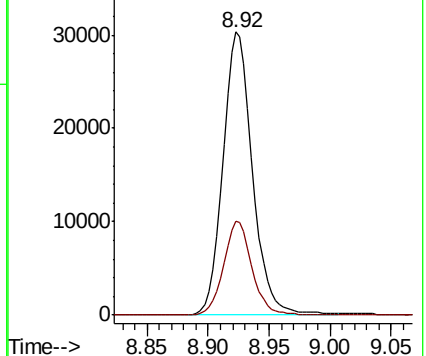
112 100

114 33.0 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.186 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

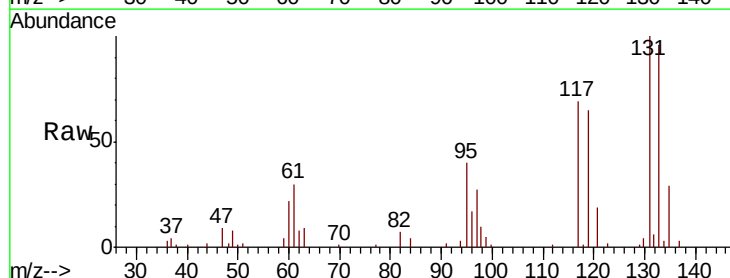
Tgt Ion:131 Resp: 17688

Ion Ratio Lower Upper

131 100

133 95.1 48.3 144.9

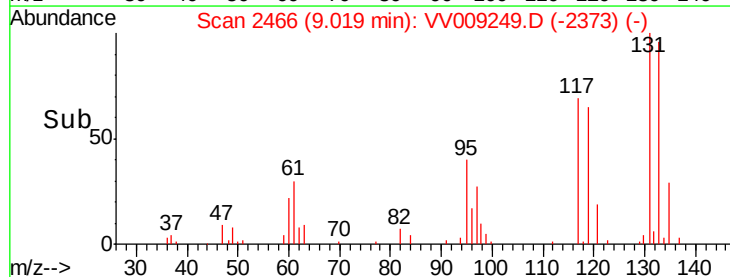
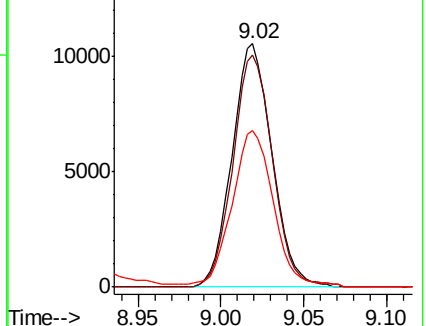
119 66.9 31.2 93.6

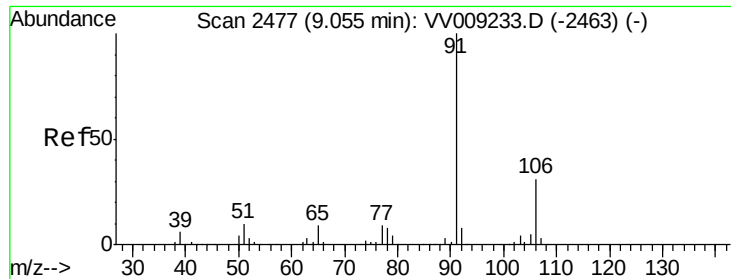


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

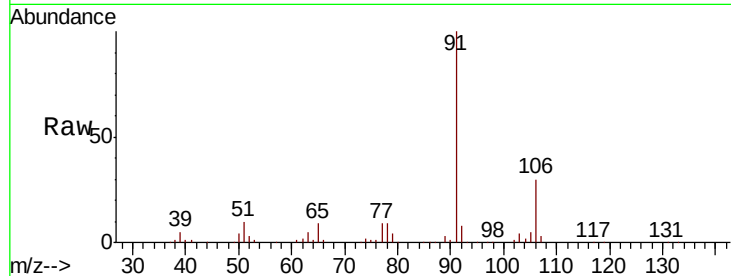
Ion 118.80 (118.50 to 119.50): V



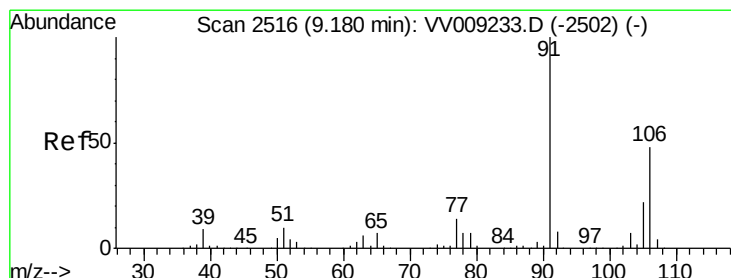
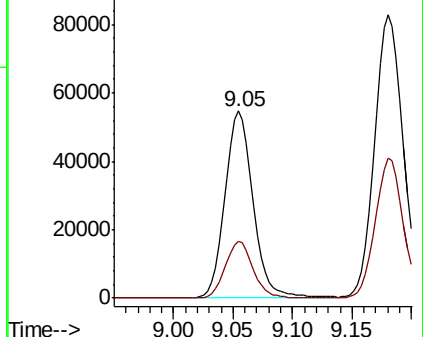
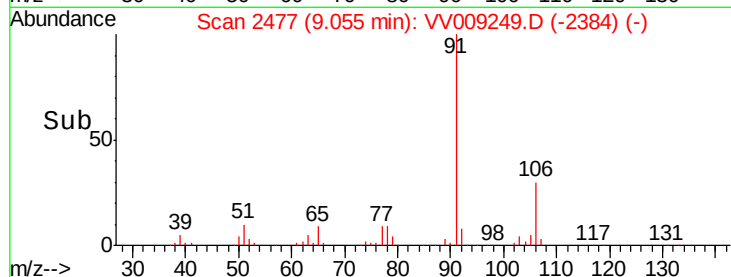


#67
Ethyl Benzene
Concen: 17.744 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 91 Resp: 89959
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0

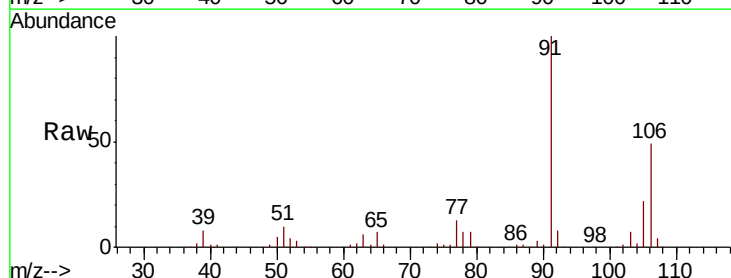


Abundance Ion 91.00 (90.70 to 91.70): VV009249.D (-2384) (-)
Ion 106.00 (105.70 to 106.70): VV009249.D (-2384) (-)

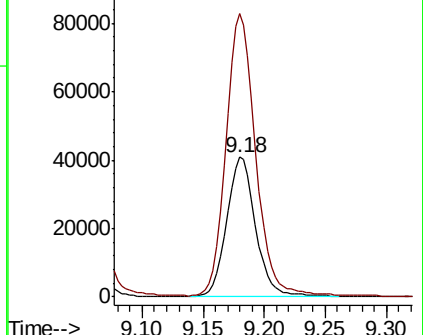
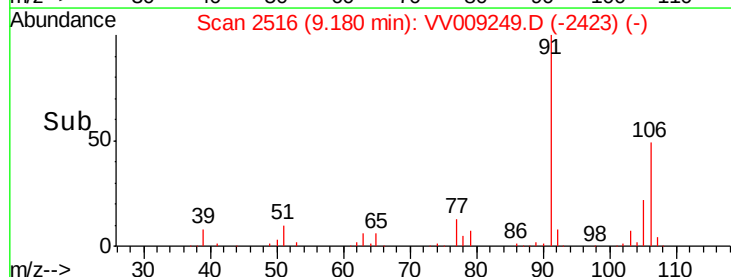


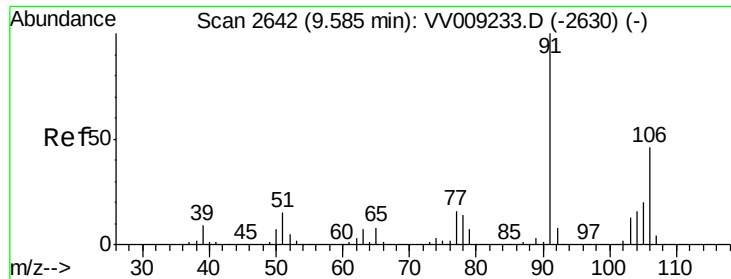
#68
m/p-Xylenes
Concen: 35.574 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion: 106 Resp: 68471
Ion Ratio Lower Upper
106 100
91 204.6 167.1 250.7



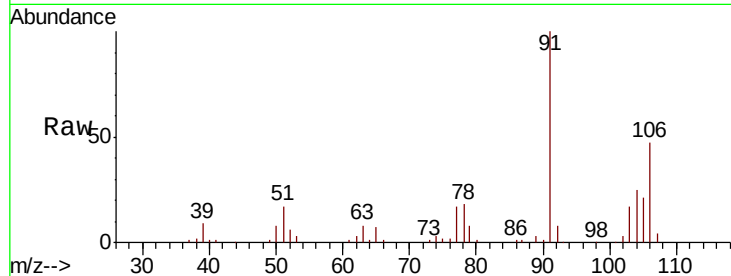
Abundance Ion 106.00 (105.70 to 106.70): VV009249.D (-2423) (-)
Ion 91.00 (90.70 to 91.70): VV009249.D (-2423) (-)



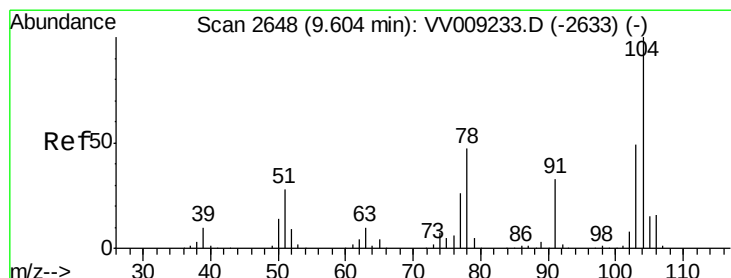
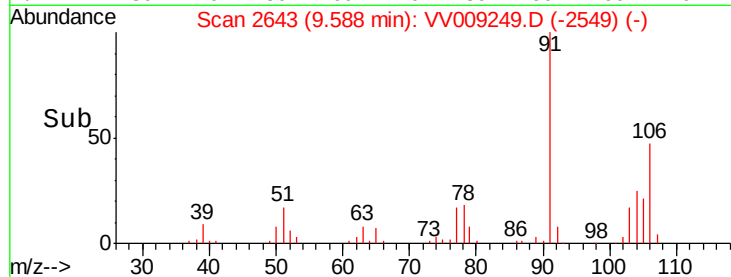
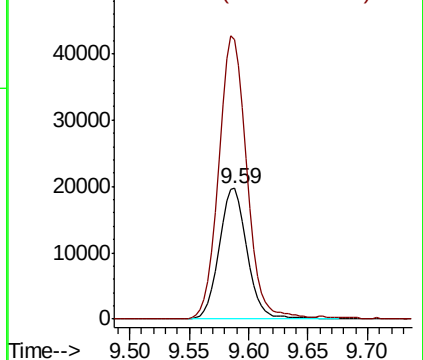


#69
o-Xylene
Concen: 18.037 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:106 Resp: 32187
Ion Ratio Lower Upper
106 100
91 216.9 109.3 327.8

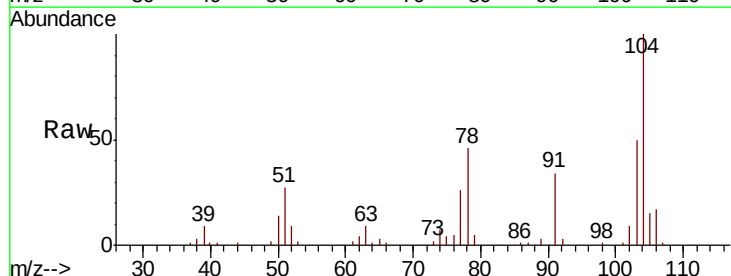


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

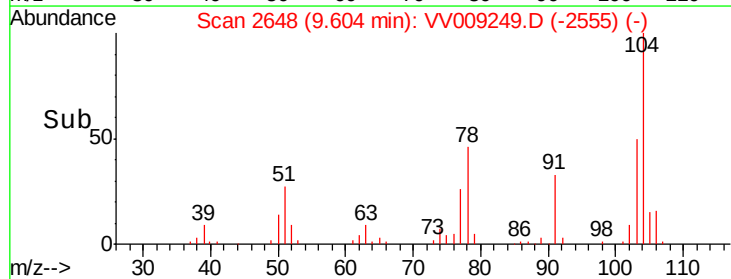
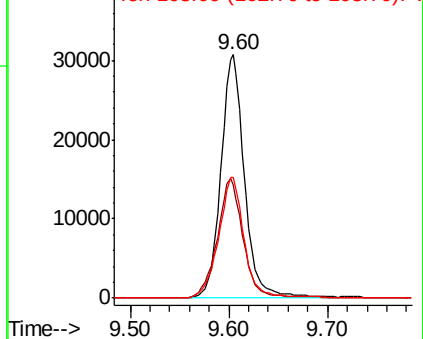


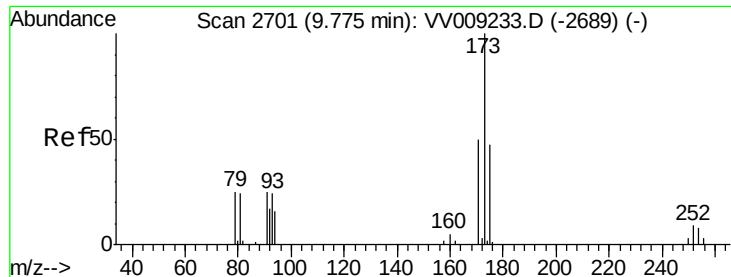
#70
Styrene
Concen: 18.096 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:104 Resp: 51535
Ion Ratio Lower Upper
104 100
78 53.3 43.1 64.7
103 53.2 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: 19.623 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

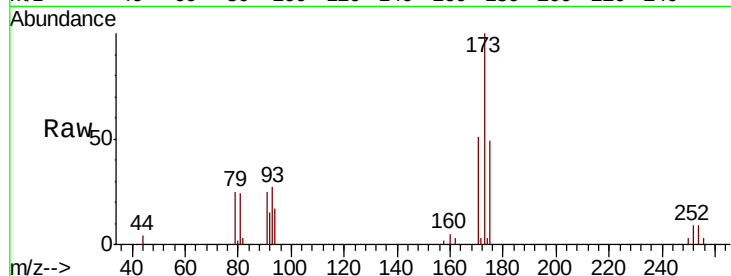
Tgt Ion:173 Resp: 9000

Ion Ratio Lower Upper

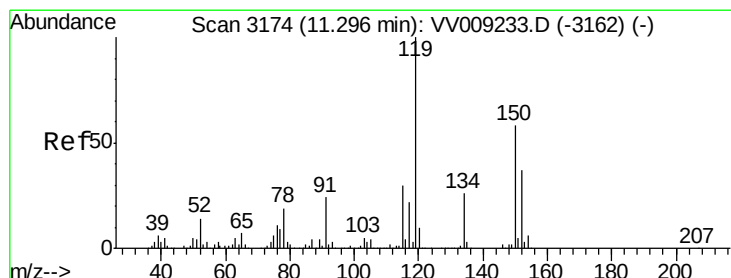
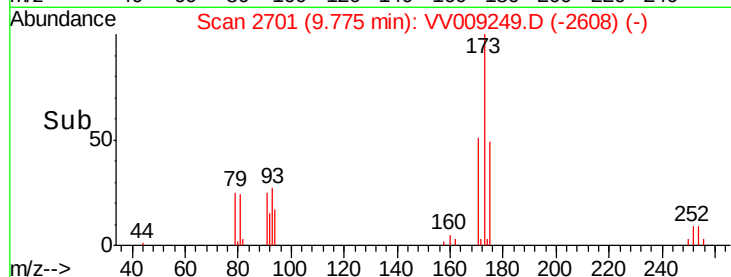
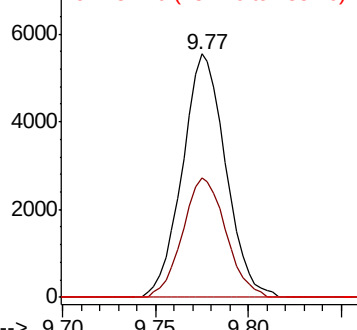
173 100

175 49.0 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: VV009249.D

Acq: 23 Jan 2019 16:33

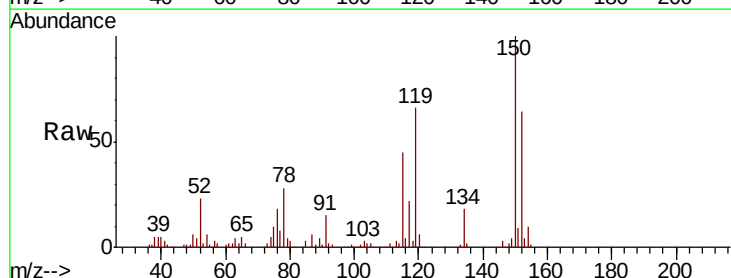
Tgt Ion:152 Resp: 61515

Ion Ratio Lower Upper

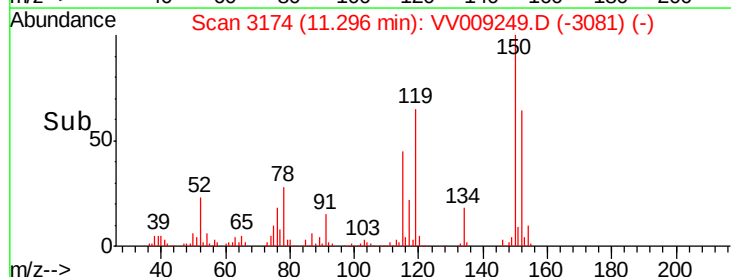
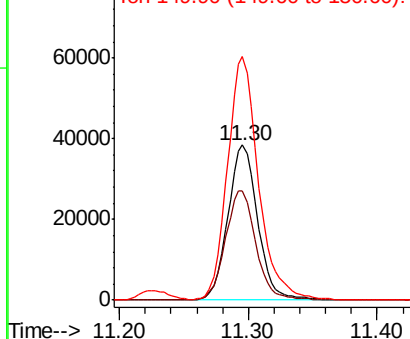
152 100

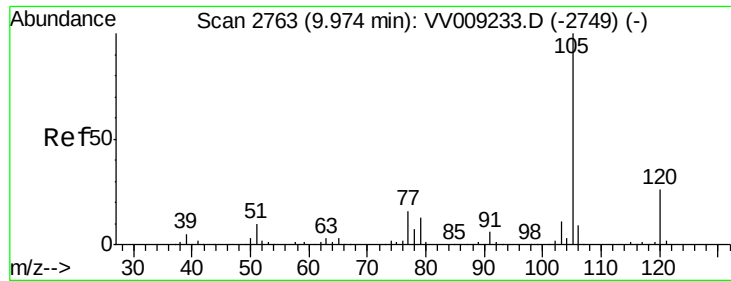
115 71.9 45.0 134.8

150 163.7 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: 18.037 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009249.D

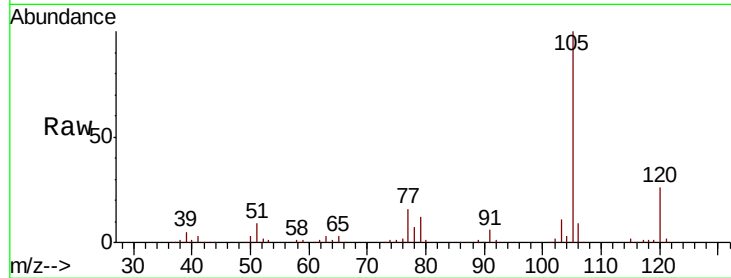
Acq: 23 Jan 2019 16:33

Tgt Ion: 105 Resp: 91623

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

20000

10000

0

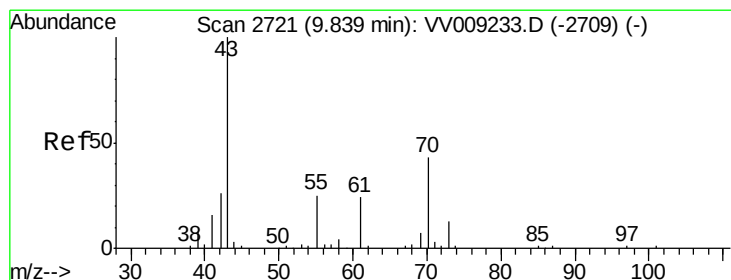
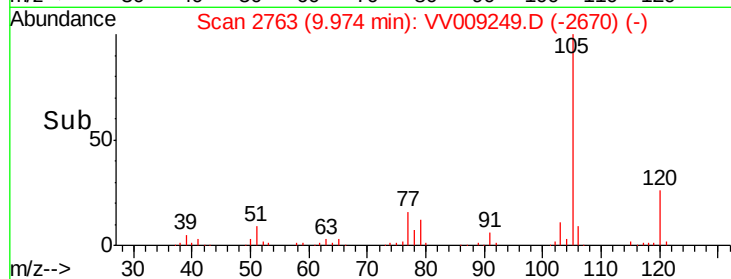
9.90

9.97

10.00

10.10

Time-->



#74

N-amyl acetate

Concen: 19.024 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

Tgt Ion: 43 Resp: 17870

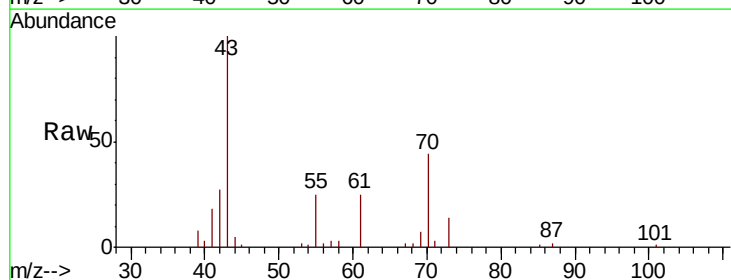
Ion Ratio Lower Upper

43 100

70 40.9 33.0 49.6

55 24.7 18.7 28.1

61 25.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

15000

10000

5000

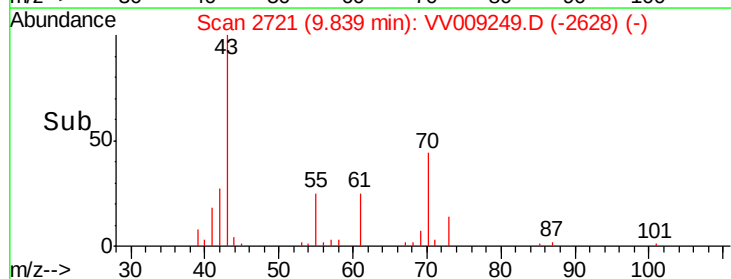
0

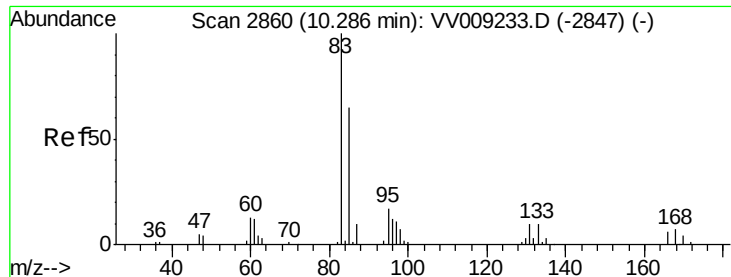
9.80

9.84

9.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.102 ug/l

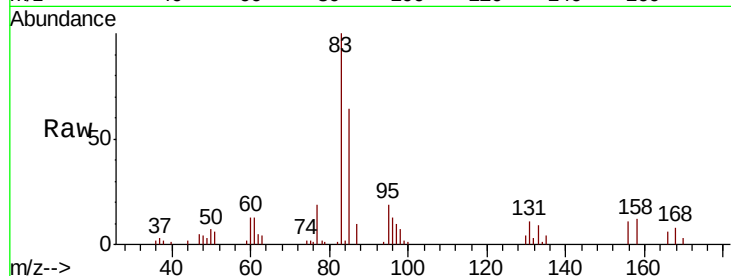
RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

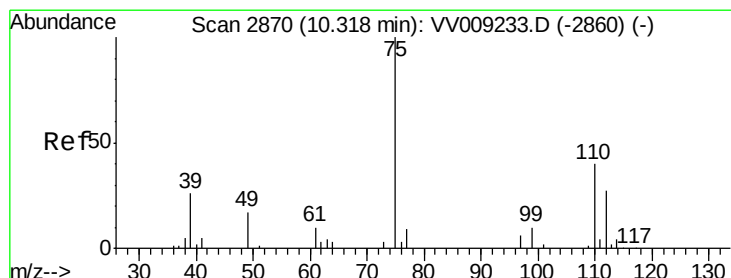
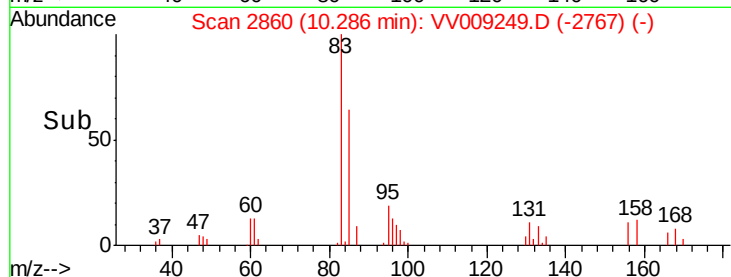
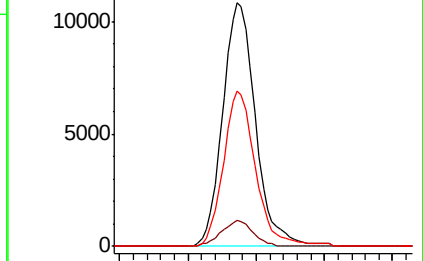
Tgt Ion:	83	Resp:	18071
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	62.6	32.6	98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009249.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009249.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009249.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 6.946 ug/l

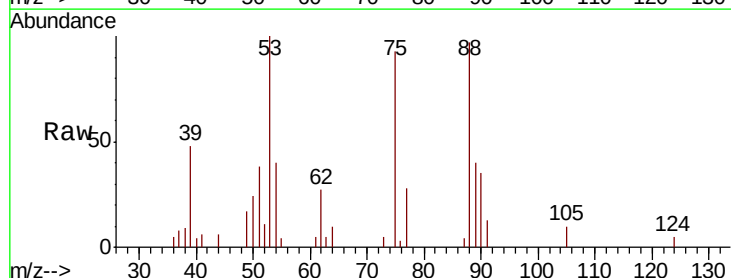
RT: 10.05 min Scan# 2786

Delta R.T. -0.27 min

Lab File: VV009249.D

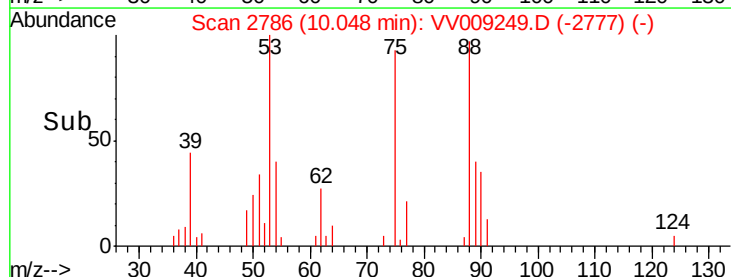
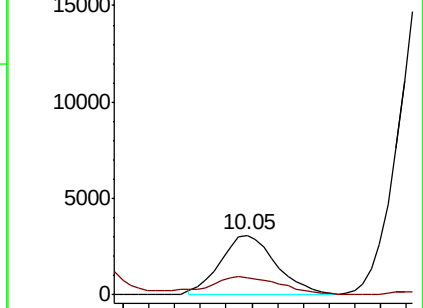
Acq: 23 Jan 2019 16:33

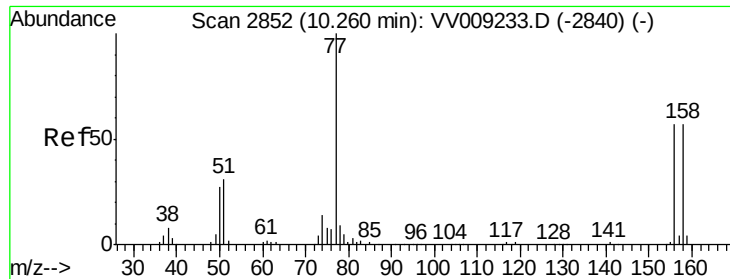
Tgt Ion:	75	Resp:	4678
Ion	Ratio	Lower	Upper
75	100		
77	36.4	24.6	73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009249.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009249.D (-2777) (-)





#77

Bromobenzene

Concen: 18.757 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

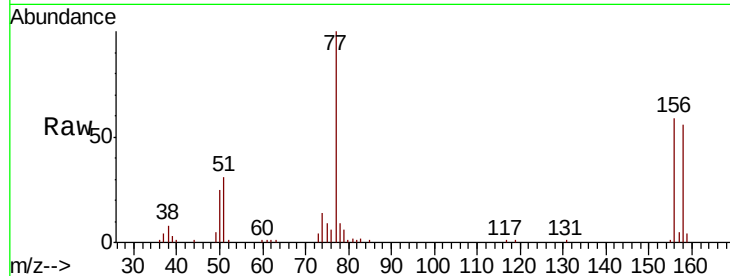
Tgt Ion:156 Resp: 20380

Ion Ratio Lower Upper

156 100

77 169.7 86.0 258.0

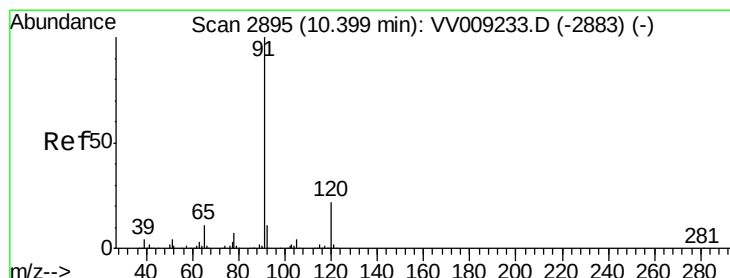
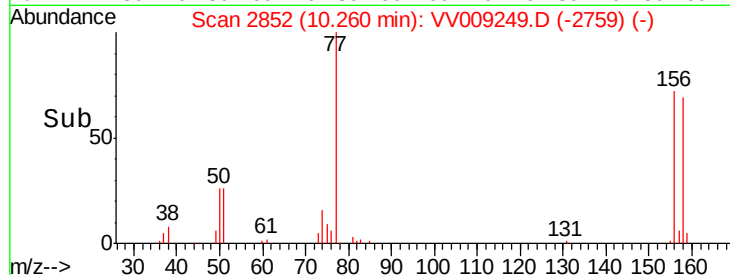
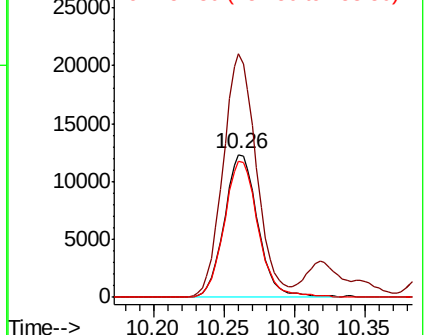
158 97.1 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.646 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009249.D

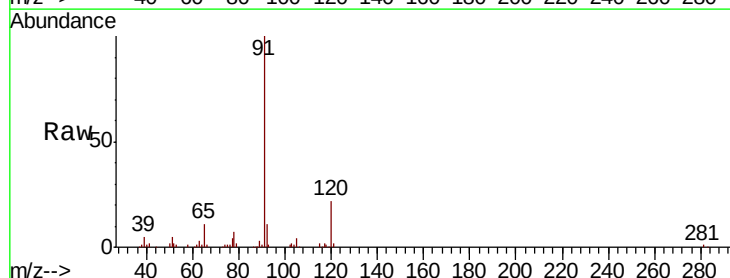
Acq: 23 Jan 2019 16:33

Tgt Ion: 91 Resp: 106262

Ion Ratio Lower Upper

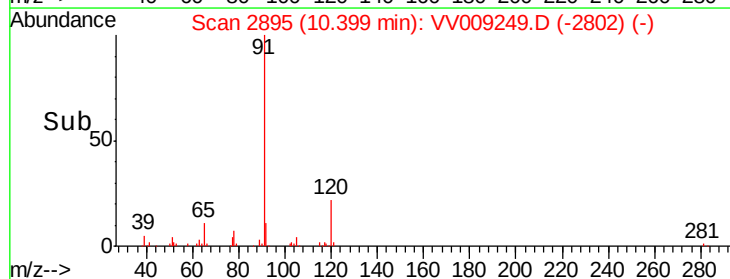
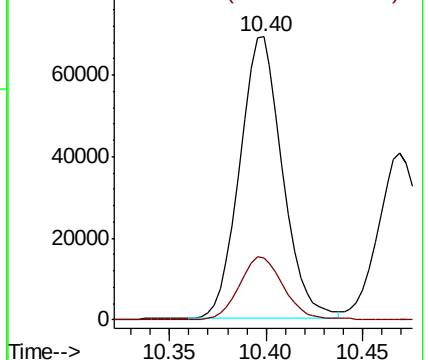
91 100

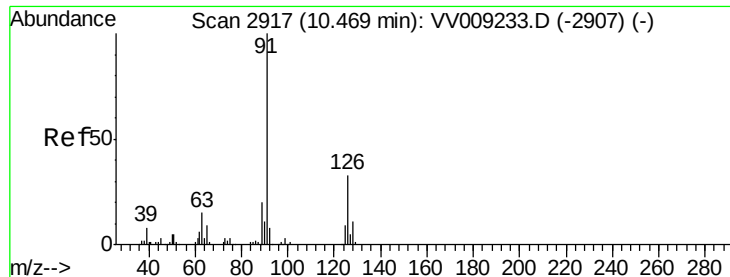
120 23.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

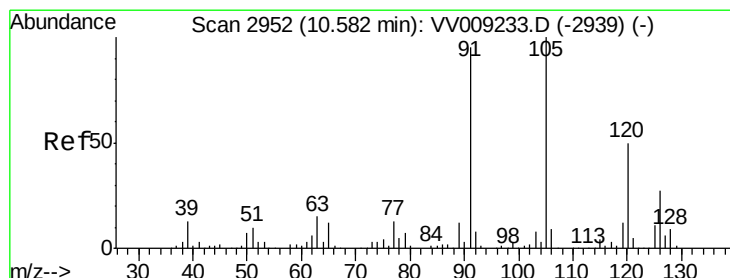
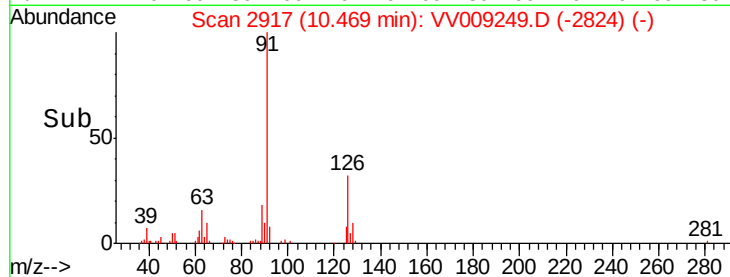
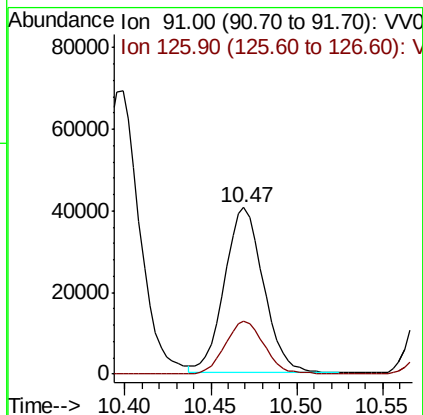
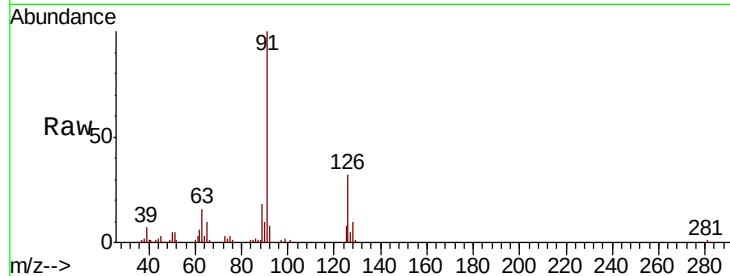
Ion 120.00 (119.70 to 120.70): V





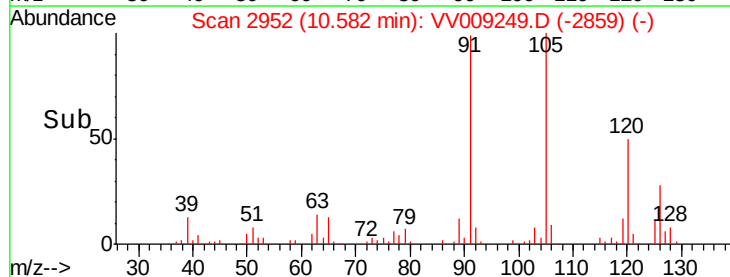
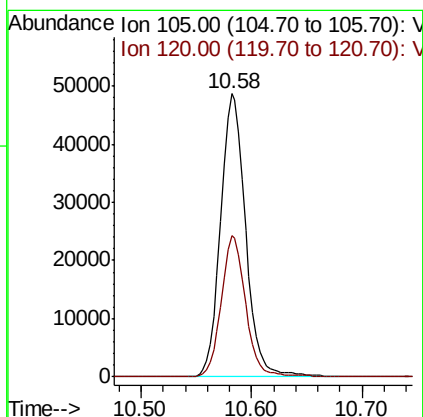
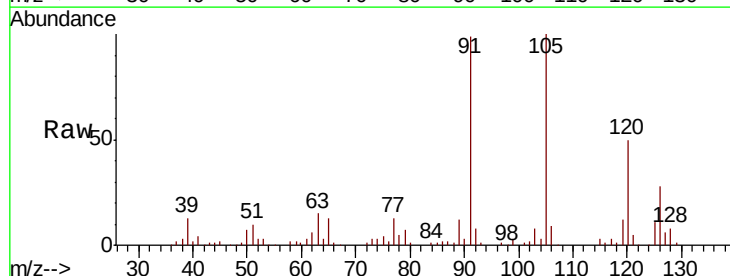
#79
 2-Chlorotoluene
 Concen: 17.571 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

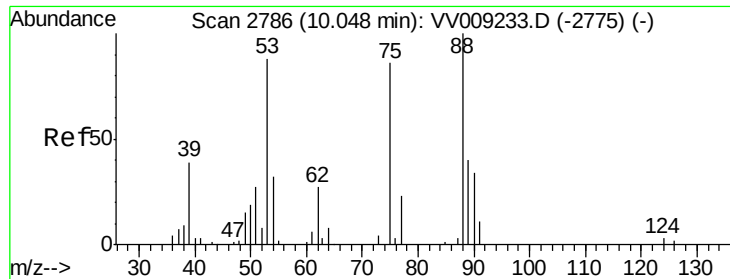
Tgt Ion: 91 Resp: 63845
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 17.981 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion: 105 Resp: 76600
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.825 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

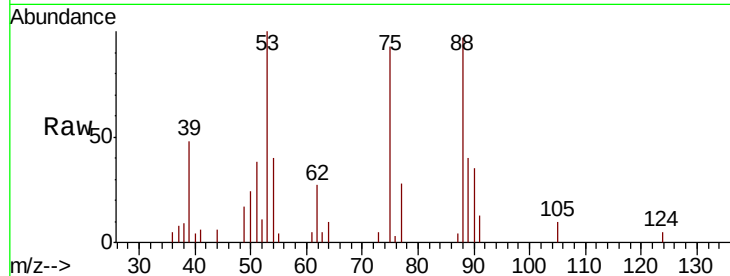
Tgt Ion: 75 Resp: 4718

Ion Ratio Lower Upper

75 100

53 108.4 82.1 123.1

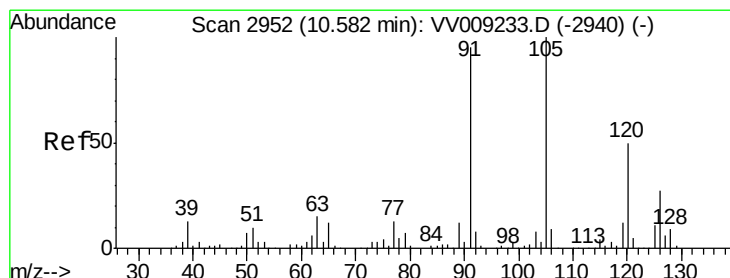
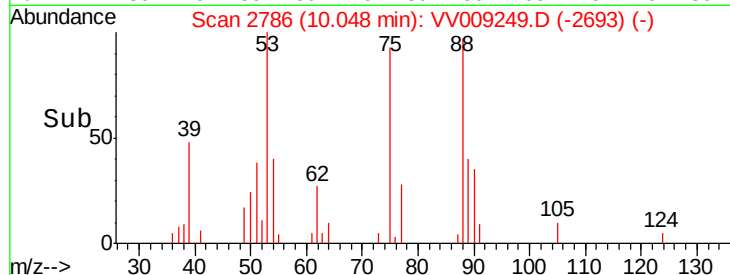
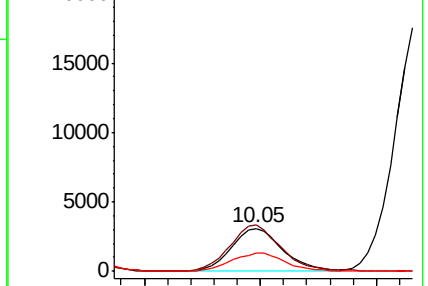
89 44.7 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2775) (-)

Ion 53.00 (52.70 to 53.70): VV009233.D (-2775) (-)

Ion 88.90 (88.60 to 89.60): VV009233.D (-2775) (-)



#82

4-Chlorotoluene

Concen: 17.850 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009249.D

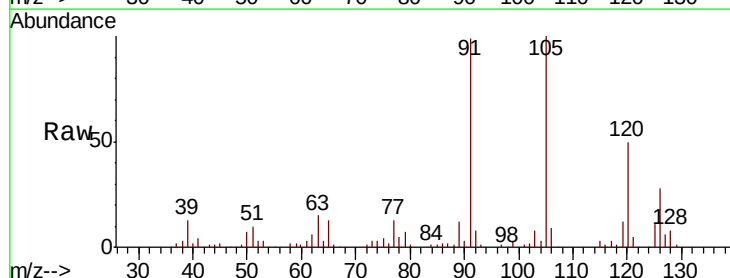
Acq: 23 Jan 2019 16:33

Tgt Ion: 91 Resp: 76390

Ion Ratio Lower Upper

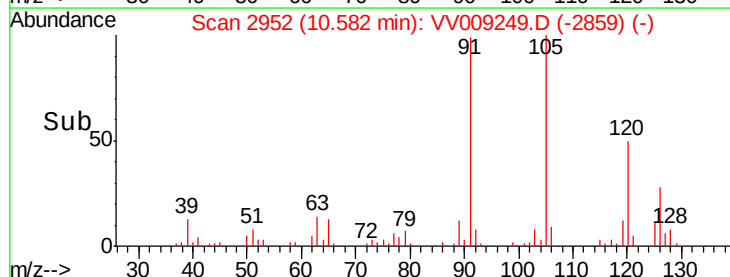
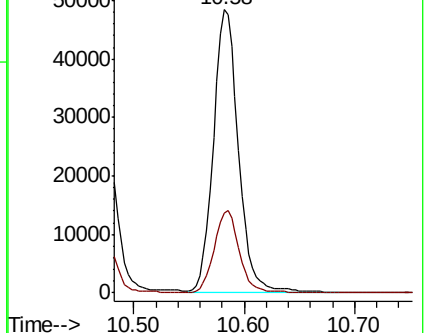
91 100

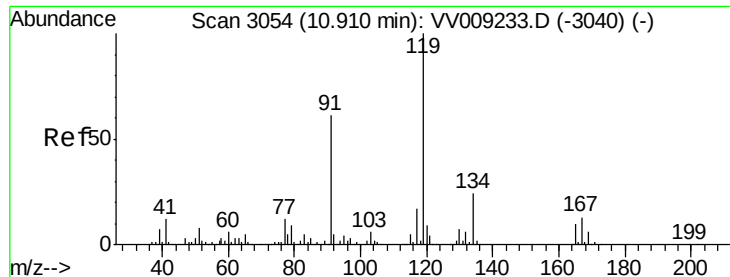
126 29.2 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2940) (-)

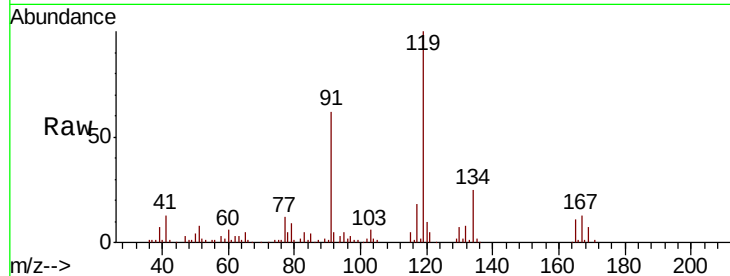
Ion 125.90 (125.60 to 126.60): VV009233.D (-2940) (-)



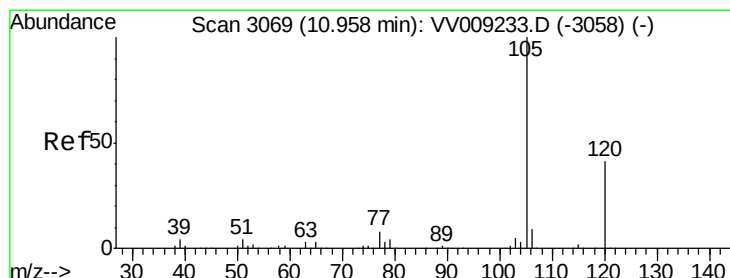
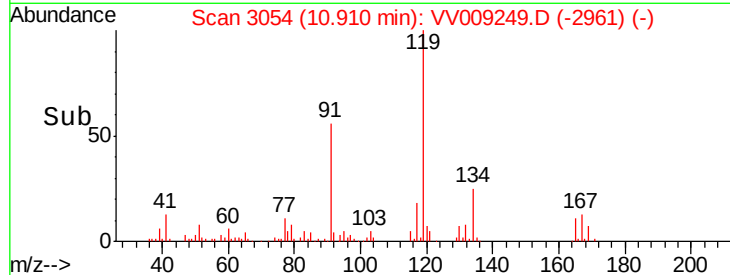
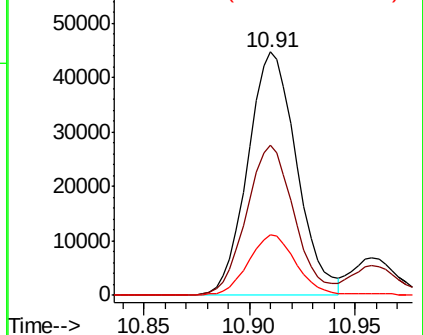


#83
 tert-Butylbenzene
 Concen: 17.822 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:119 Resp: 72294
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.0 90.1
 134 24.6 11.9 35.7

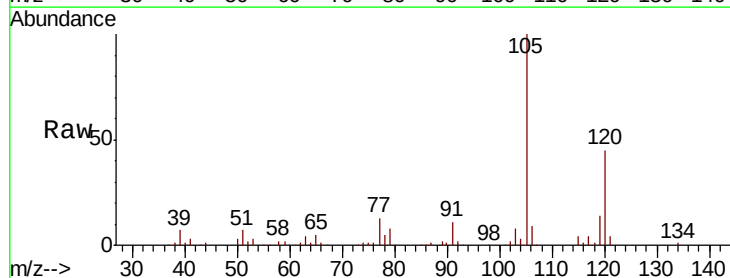


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VV0
 Ion 134.00 (133.70 to 134.70): V

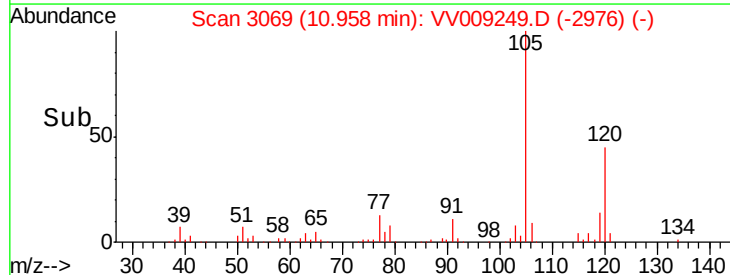
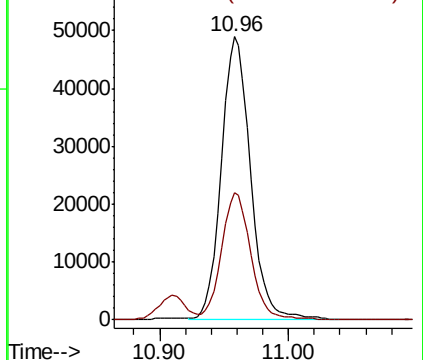


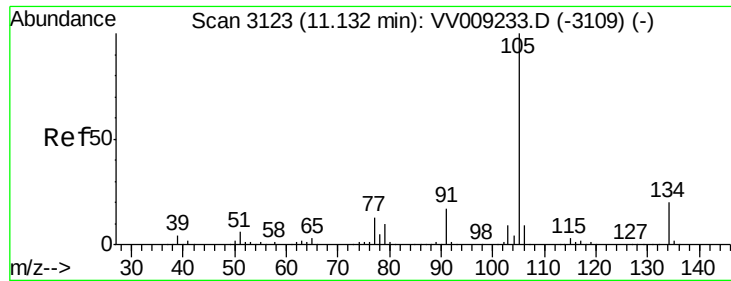
#84
 1,2,4-Trimethylbenzene
 Concen: 17.861 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:105 Resp: 76758
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7



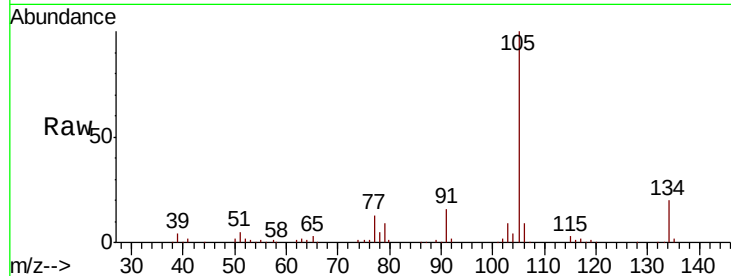
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



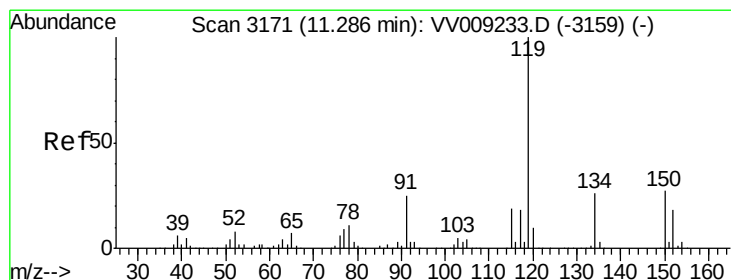
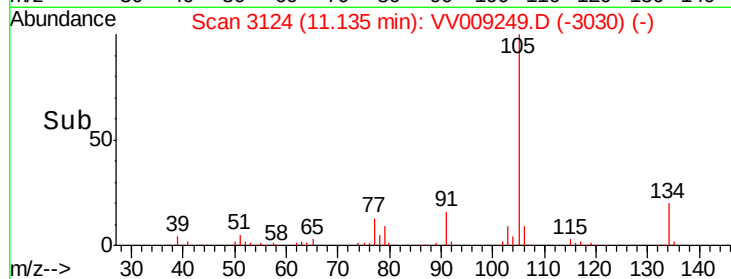
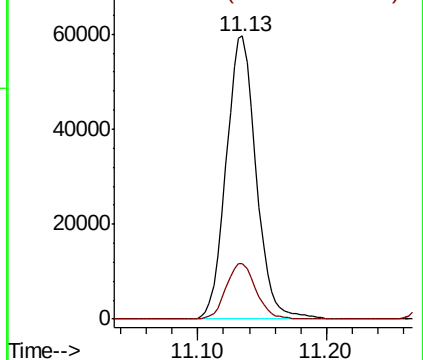


#85
 sec-Butylbenzene
 Concen: 18.104 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:105 Resp: 96187
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

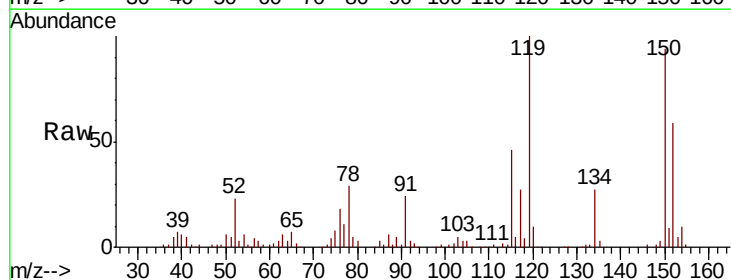


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

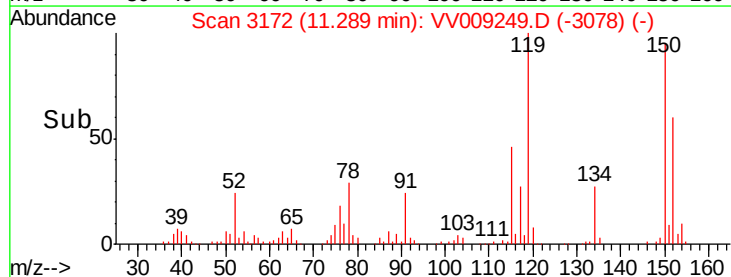
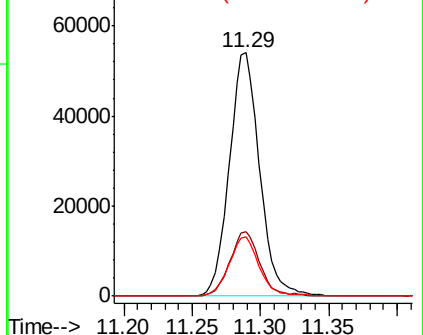


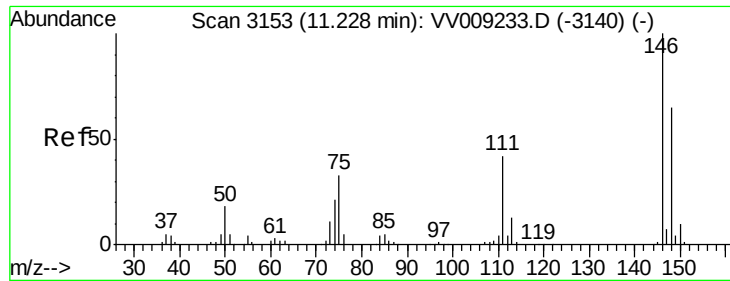
#86
 p-Isopropyltoluene
 Concen: 17.909 ug/l
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:119 Resp: 83316
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.1 12.4 37.2



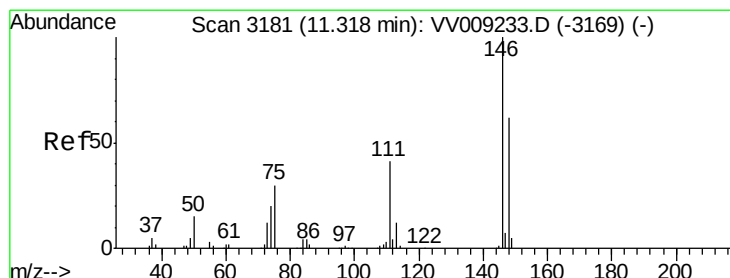
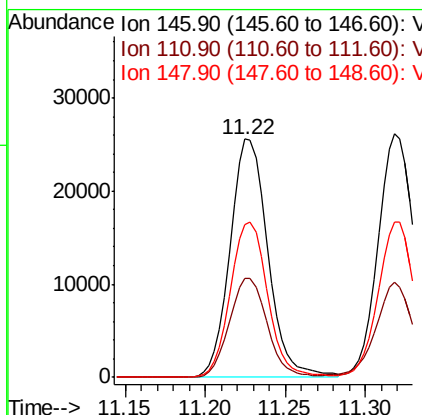
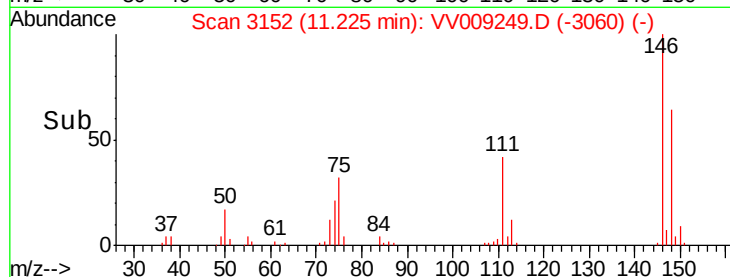
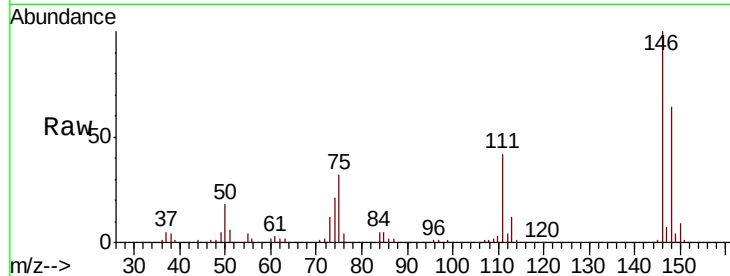
Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VV0





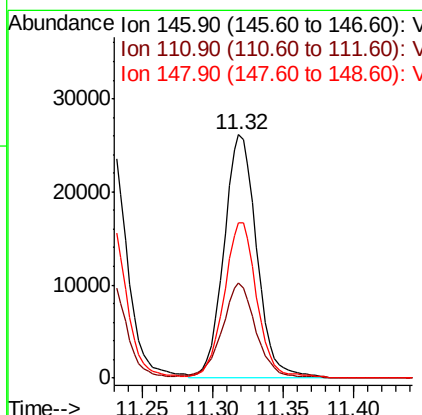
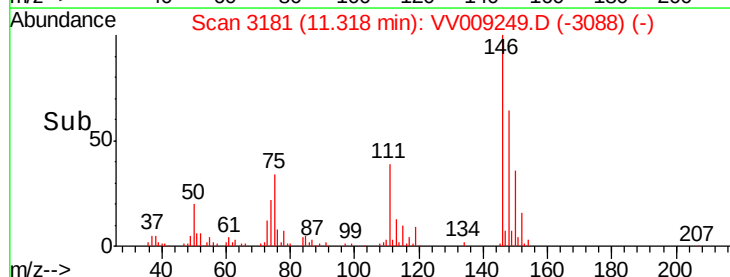
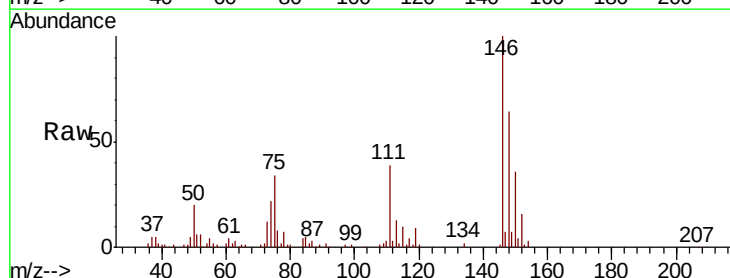
#87
 1,3-Dichlorobenzene
 Concen: 18.258 ug/l
 RT: 11.22 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

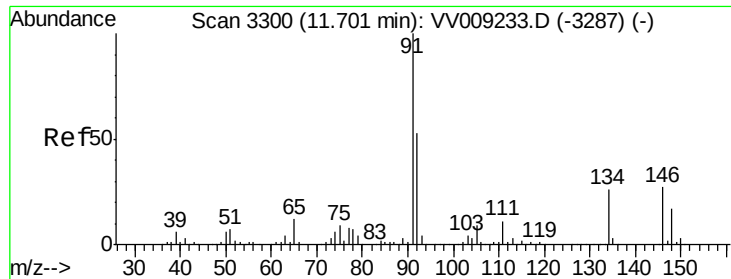
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.4
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	64.2	31.4	94.3





#89

n-Butylbenzene

Concen: 17.571 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. 0.00 min

Lab File: VV009249.D

Acq: 23 Jan 2019 16:33

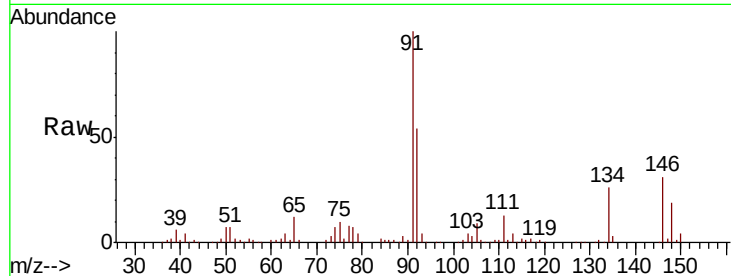
Tgt Ion: 91 Resp: 79344

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

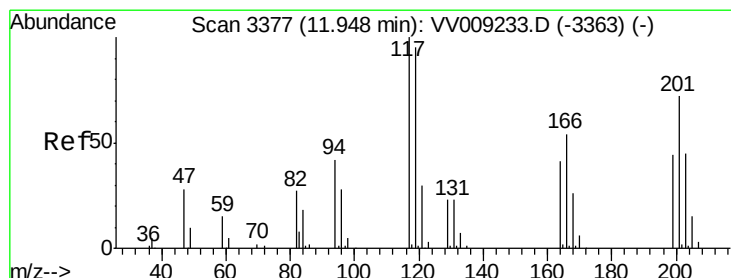
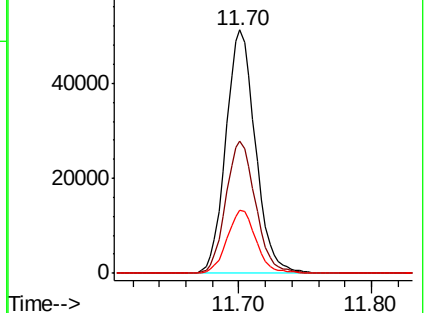
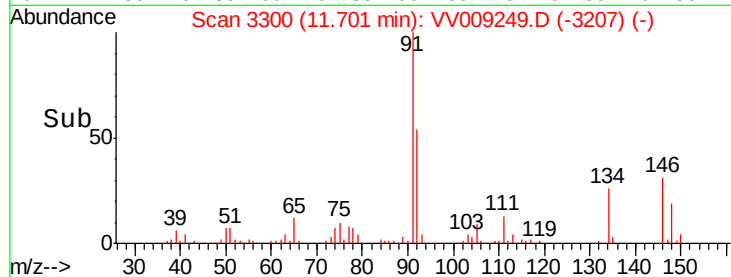
134 25.4 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VV009249.D (-3287) (-)

Ion 92.00 (91.70 to 92.70): VV009249.D (-3287) (-)

Ion 134.00 (133.70 to 134.70): VV009249.D (-3287) (-)



#90

Hexachloroethane

Concen: 17.473 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. 0.00 min

Lab File: VV009249.D

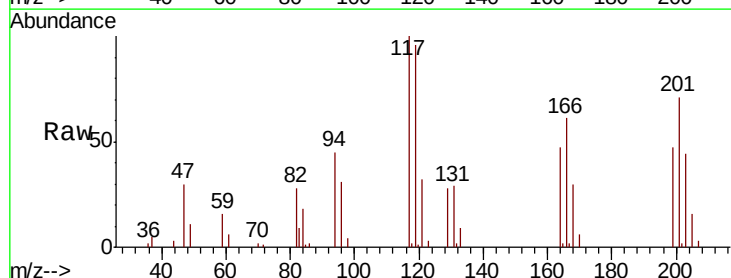
Acq: 23 Jan 2019 16:33

Tgt Ion: 117 Resp: 14455

Ion Ratio Lower Upper

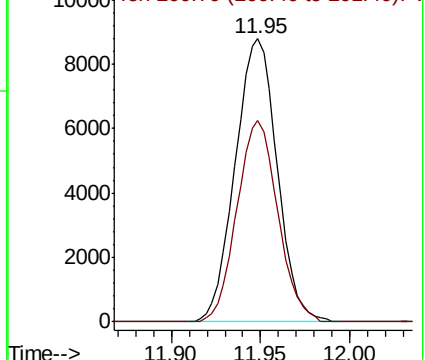
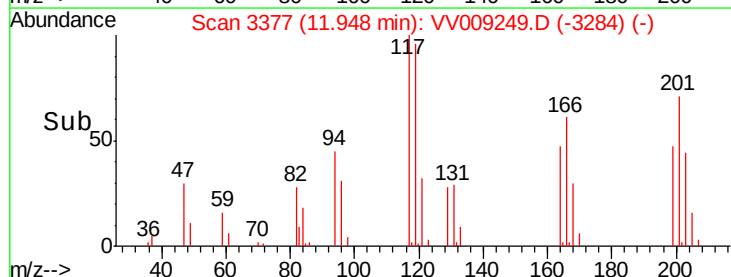
117 100

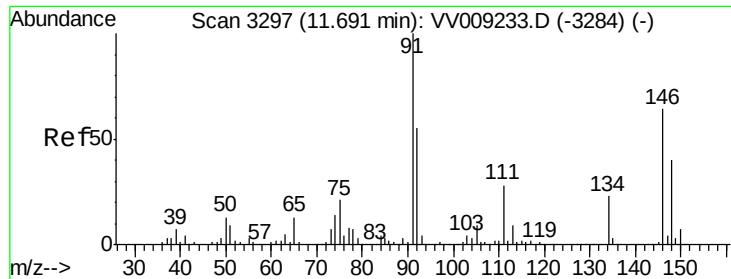
201 69.3 35.2 105.6



Abundance Ion 116.80 (116.50 to 117.50): VV009249.D (-3284) (-)

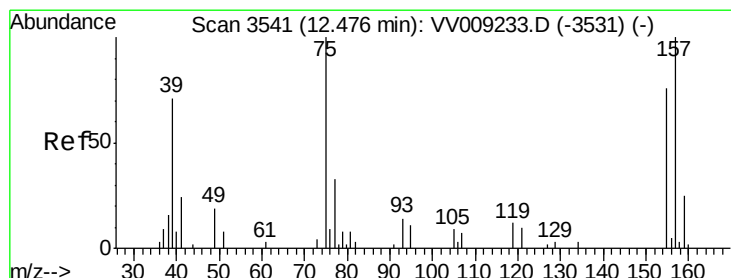
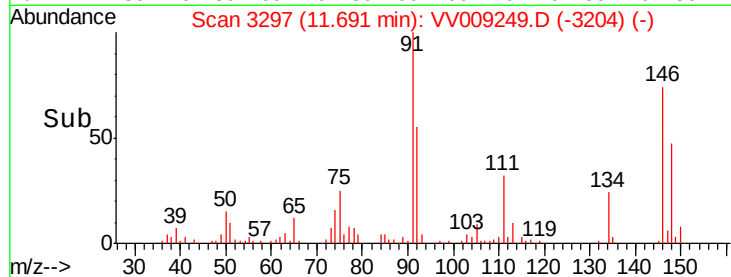
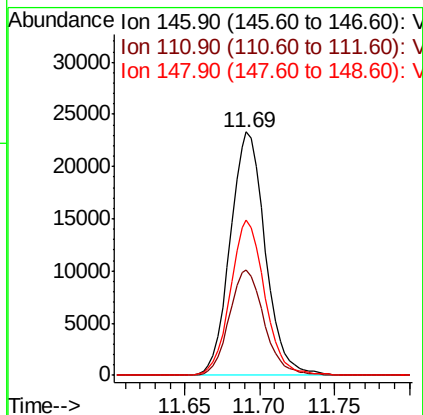
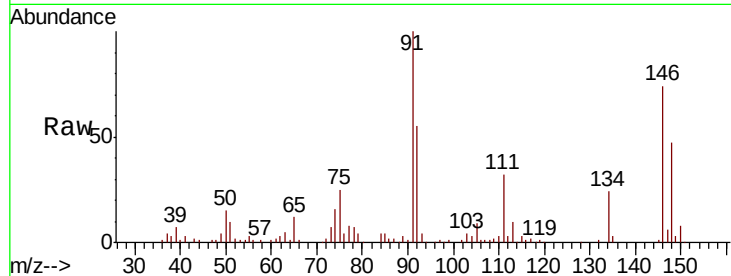
Ion 200.70 (200.40 to 201.40): VV009249.D (-3284) (-)





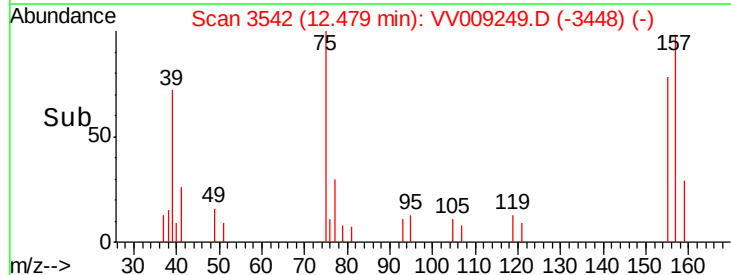
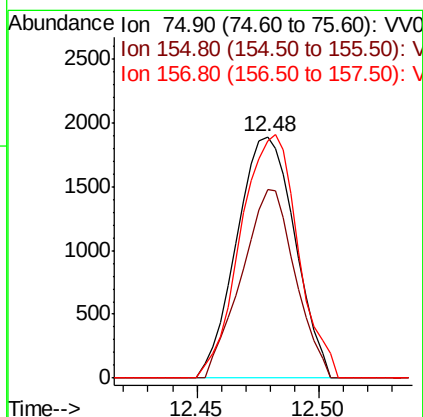
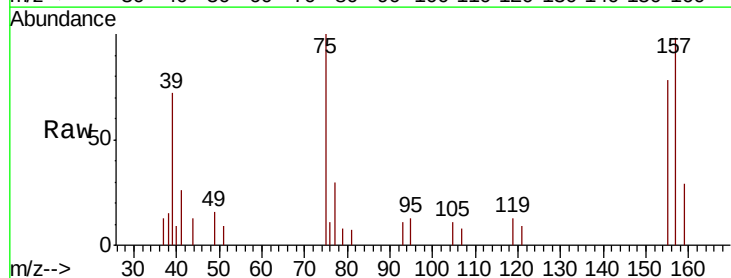
#91
 1,2-Dichlorobenzene
 Concen: 19.104 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

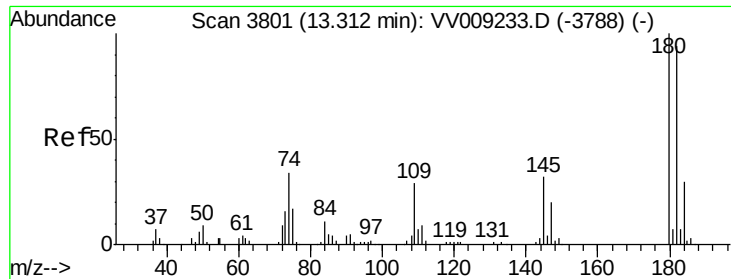
Tgt Ion: 146 Resp: 38044
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.8
 148 62.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.771 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

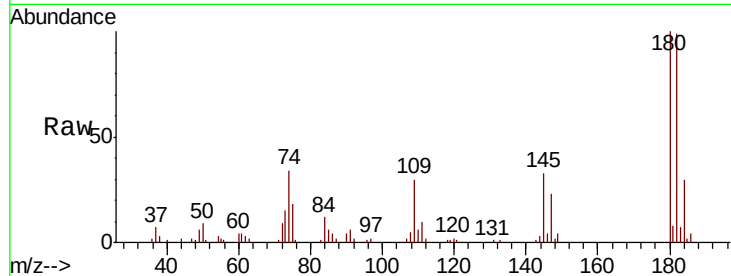
Tgt Ion: 75 Resp: 3130
 Ion Ratio Lower Upper
 75 100
 155 71.7 38.0 114.0
 157 99.6 50.8 152.4



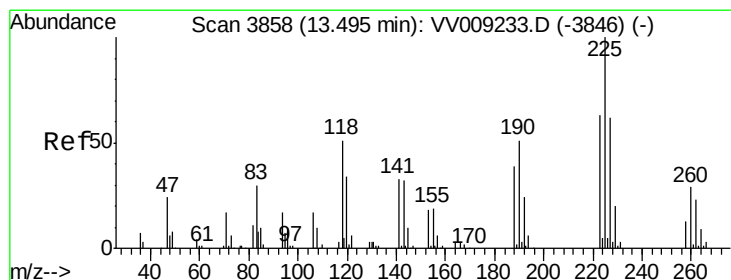
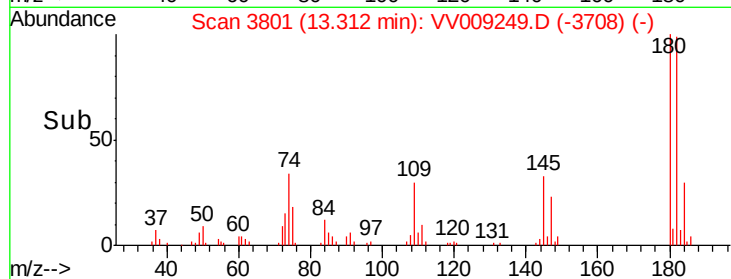
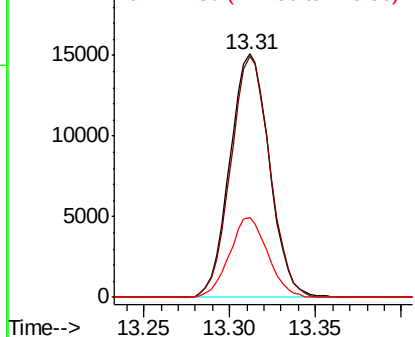


#93
 1,2,4-Trichlorobenzene
 Concen: 18.754 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:180 Resp: 24042
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.1 141.4
 145 31.6 16.0 48.0

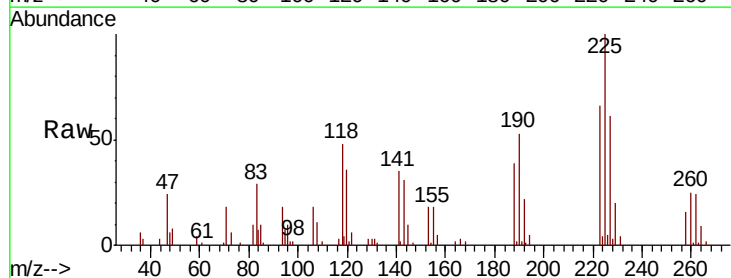


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

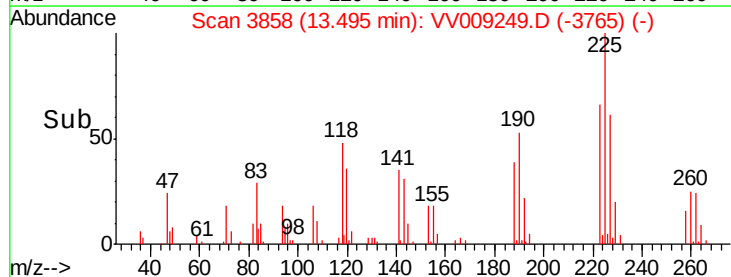
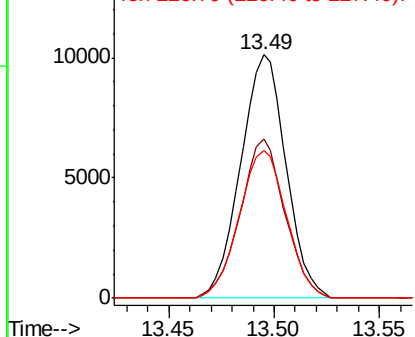


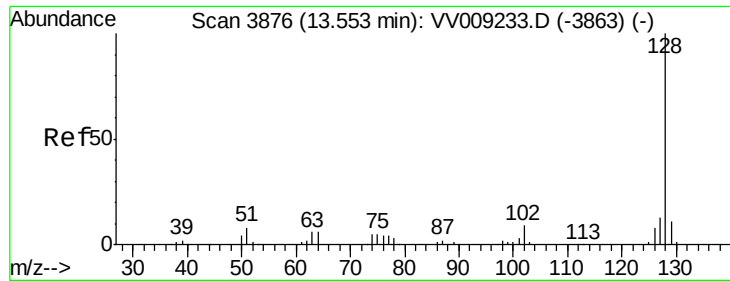
#94
 Hexachlorobutadiene
 Concen: 19.041 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009249.D
 Acq: 23 Jan 2019 16:33

Tgt Ion:225 Resp: 15129
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.7 95.1
 227 63.3 31.6 95.0



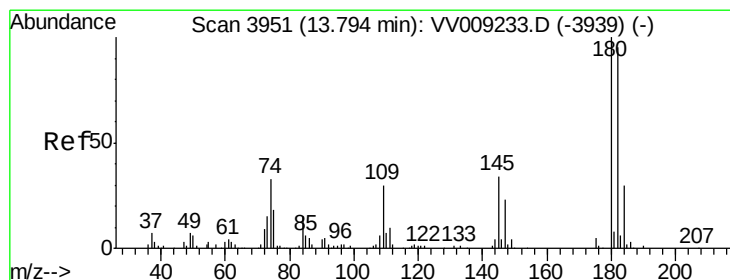
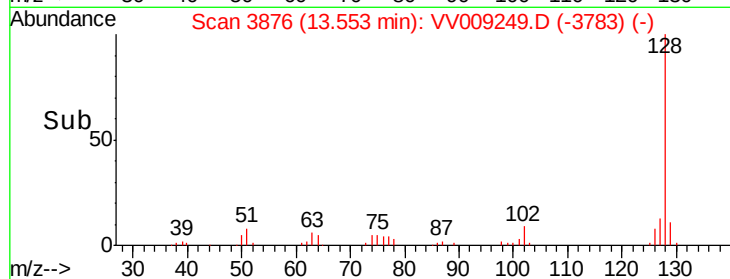
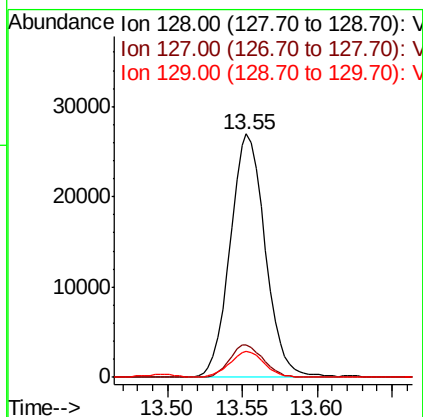
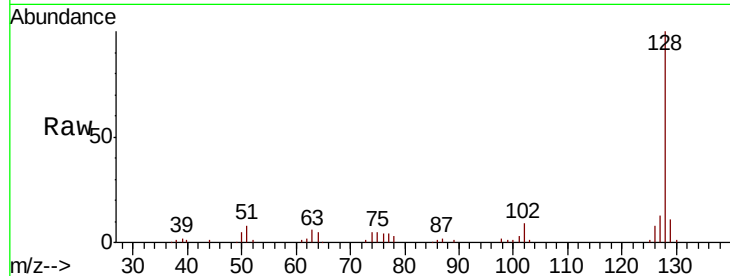
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 19.818 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:128 Resp: 43929
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.538 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV009249.D
Acq: 23 Jan 2019 16:33

Tgt Ion:180 Resp: 21210
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 34.5 17.2 51.5

