

Data File : VW006817.D
Acq On : 12 Nov 2018 19:56
Operator : SY/AP
Sample : J5860-06MSD
Misc : 4.84G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

Quant Time: Nov 13 02:47:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	298677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105473	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.89	113	111230	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.33	98	470140	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.62	95	177821	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	115235	46.734	ug/l	98
3) Chloromethane	2.21	50	141394	50.865	ug/l	100
4) Vinyl Chloride	2.35	62	150643	50.484	ug/l	99
5) Bromomethane	2.78	94	111961	55.771	ug/l	95
6) Chloroethane	2.92	64	96002	49.858	ug/l	99
7) Trichlorofluoromethane	3.26	101	188007	47.731	ug/l	99
8) Diethyl Ether	3.69	74	62759	54.299	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120870	45.255	ug/l	99
10) Methyl Iodide	4.28	142	186547	49.835	ug/l	99
11) Tert butyl alcohol	5.21	59	39548	275.934	ug/l	100
12) 1,1-Dichloroethene	4.04	96	107150	47.495	ug/l	97
13) Acrolein	3.90	56	35053	233.844	ug/l	97
14) Allyl chloride	4.68	41	147538	49.722	ug/l	100
15) Acrylonitrile	5.38	53	128808	294.269	ug/l	99
16) Acetone	4.14	43	96659	308.254	ug/l	99
17) Carbon Disulfide	4.39	76	356330	49.944	ug/l	99
18) Methyl Acetate	4.68	43	67937	63.338	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	297335	55.513	ug/l	99
20) Methylene Chloride	4.92	84	167274	59.594	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	127880	48.063	ug/l	99
22) Diisopropyl ether	6.32	45	323693	52.526	ug/l	97
23) Vinyl Acetate	6.26	43	852848	245.491	ug/l	99
24) 1,1-Dichloroethane	6.23	63	201098	49.204	ug/l	99
25) 2-Butanone	7.18	43	154053	290.503	ug/l	97
26) 2,2-Dichloropropane	7.17	77	184915	44.967	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140222	49.434	ug/l	99
28) Bromochloromethane	7.52	49	75511	52.819	ug/l	98
29) Tetrahydrofuran	7.54	42	99729	293.866	ug/l	98
30) Chloroform	7.68	83	222782	49.923	ug/l	99
31) Cyclohexane	7.96	56	194309	46.445	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	209838	48.715	ug/l	100
36) 1,1-Dichloropropene	8.09	75	180190	47.983	ug/l	99
37) Ethyl Acetate	7.26	43	69547	56.637	ug/l	99
38) Carbon Tetrachloride	8.07	117	190979	46.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229836	47.175	ug/l	98
40) Benzene	8.33	78	527093	50.477	ug/l	100
41) Methacrylonitrile	7.49	41	39606	52.530	ug/l	93
42) 1,2-Dichloroethane	8.40	62	145735	52.092	ug/l	100
43) Isopropyl Acetate	8.43	43	137991	57.781	ug/l	99
44) Trichloroethene	9.10	130	159174	48.310	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124694	51.236	ug/l	100
46) Dibromomethane	9.46	93	71139	52.513	ug/l	100
47) Bromodichloromethane	9.65	83	171286	50.975	ug/l	100
48) Methyl methacrylate	9.44	41	67154	57.354	ug/l	99
49) 1,4-Dioxane	9.47	88	22473	1098.002	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	363322	303.403	ug/l	100
52) Toluene	10.39	92	391266	52.854	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	177248	53.582	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	204610	52.163	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108098	53.774	ug/l	99
56) Ethyl methacrylate	10.65	69	129249	58.666	ug/l	97
57) 1,3-Dichloropropane	10.94	76	171888	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	312570	283.278	ug/l	100
59) 2-Hexanone	10.98	43	258001	312.356	ug/l	99
60) Dibromochloromethane	11.13	129	133820	54.403	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105661	55.343	ug/l	99
64) Tetrachloroethene	10.87	164	154696	48.099	ug/l	98
65) Chlorobenzene	11.66	112	446814	50.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144565	50.037	ug/l	100
67) Ethyl Benzene	11.74	91	757147	49.881	ug/l	98
68) m/p-Xylenes	11.85	106	614143	98.888	ug/l	100
69) o-Xylene	12.17	106	291676	50.463	ug/l	99
70) Styrene	12.18	104	476863	51.546	ug/l	100
71) Bromoform	12.35	173	86695	54.984	ug/l #	100
73) Isopropylbenzene	12.47	105	786736	48.815	ug/l	99
74) N-amyl acetate	12.28	43	137535	56.438	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	123969	55.604	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	162085	96.867	ug/l #	100
77) Bromobenzene	12.75	156	205739	50.633	ug/l	99
78) n-propylbenzene	12.81	91	918019	48.262	ug/l	99
79) 2-Chlorotoluene	12.90	91	521533	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669462	48.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37488	55.418	ug/l	98
82) 4-Chlorotoluene	12.99	91	555136	48.754	ug/l	100
83) tert-Butylbenzene	13.21	119	597400	48.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	691782	49.063	ug/l	100
85) sec-Butylbenzene	13.39	105	823511	47.452	ug/l	100
86) p-Isopropyltoluene	13.51	119	756185	47.904	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	407230	49.174	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	402051	49.070	ug/l	100
89) n-Butylbenzene	13.83	91	673549	46.689	ug/l	99
90) Hexachloroethane	14.10	117	120994	47.902	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	364396	50.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19969	55.945	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Quantitation Report (Not Reviewed)

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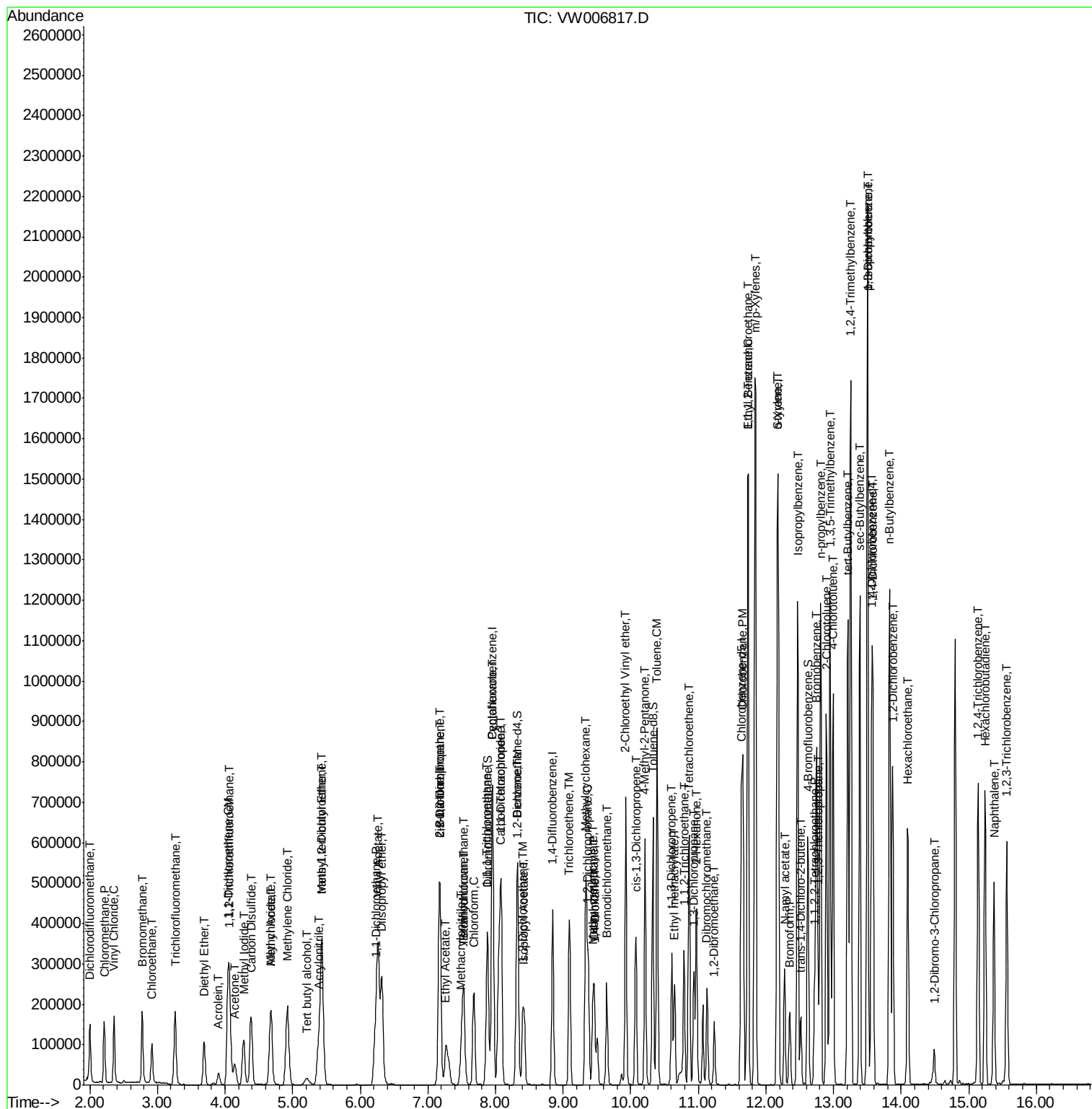
Quant Time: Nov 13 02:47:36 2018
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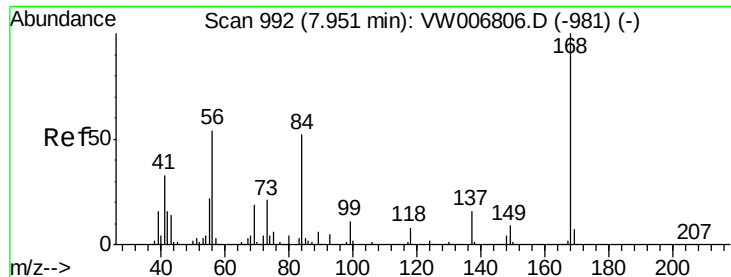
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	264680	48.610	ug/l	99
94) Hexachlorobutadiene	15.24	225	157017	45.509	ug/l	100
95) Naphthalene	15.38	128	455931	55.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	235857	50.476	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

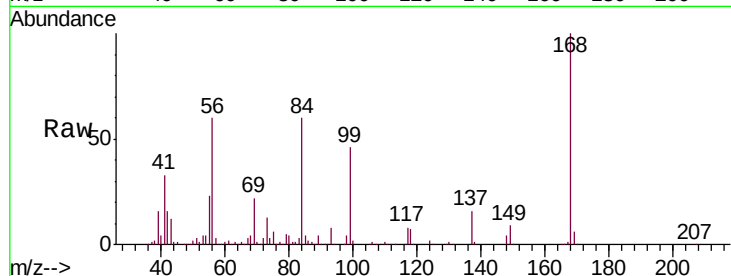
EP2-SB-104(15-17)MS

Tgt Ion:168 Resp: 298677

Ion Ratio Lower Upper

168 100

99 46.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

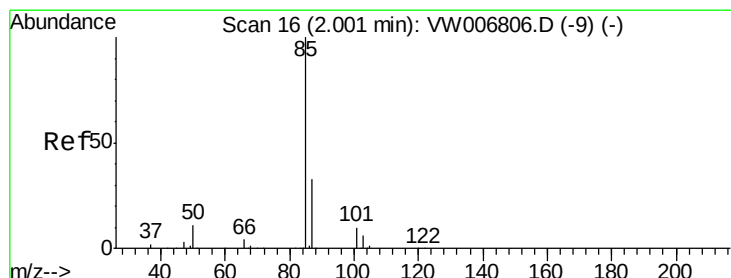
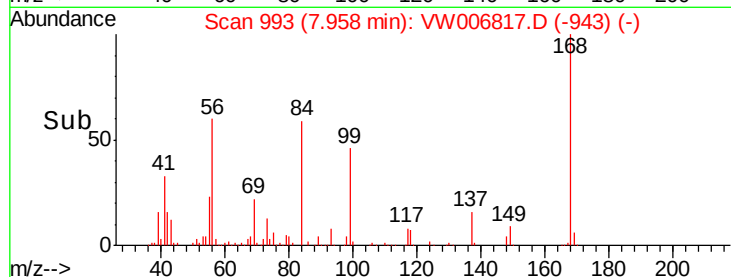
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.734 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006817.D

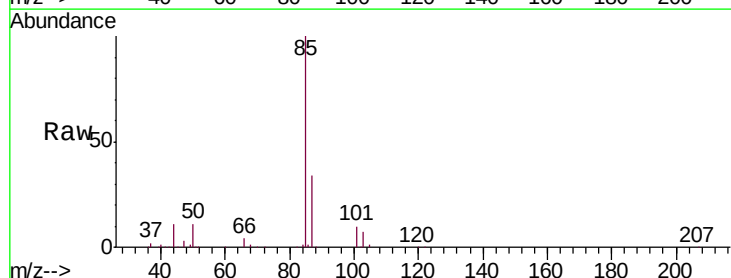
Acq: 12 Nov 2018 19:56

Tgt Ion: 85 Resp: 115235

Ion Ratio Lower Upper

85 100

87 34.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

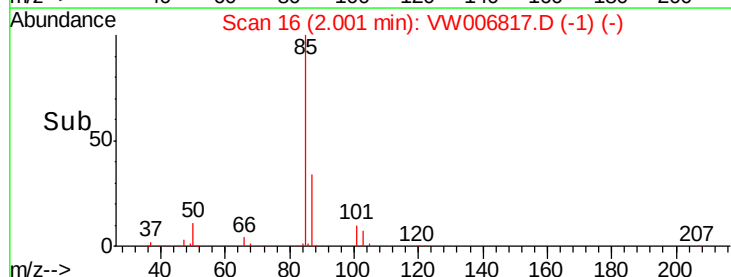
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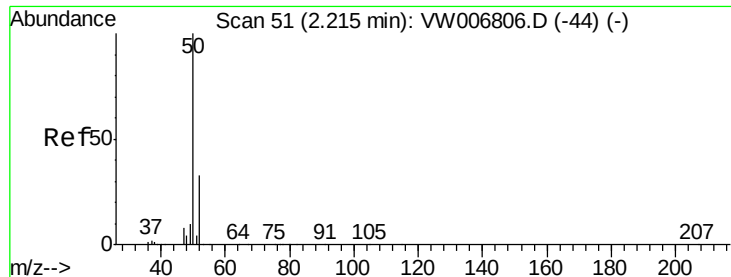
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 50.865 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006817.D

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Instrument :

MSVOA_W

ClientSampleId :

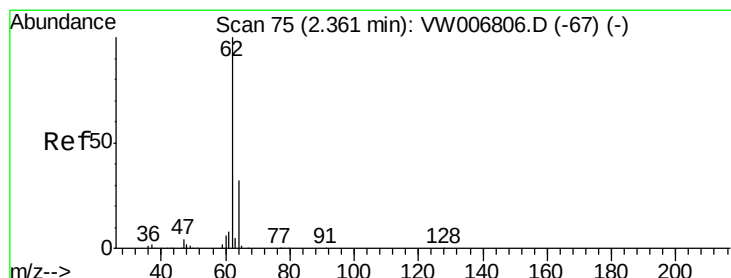
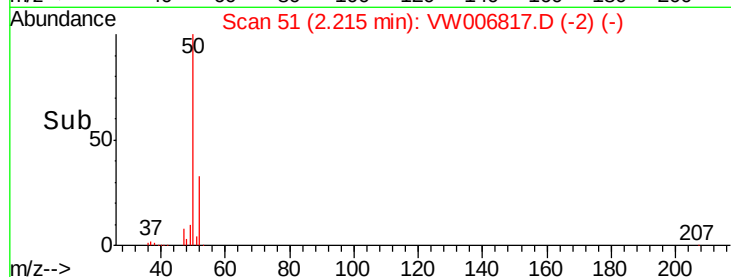
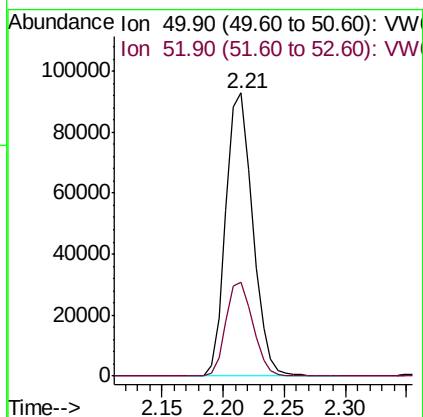
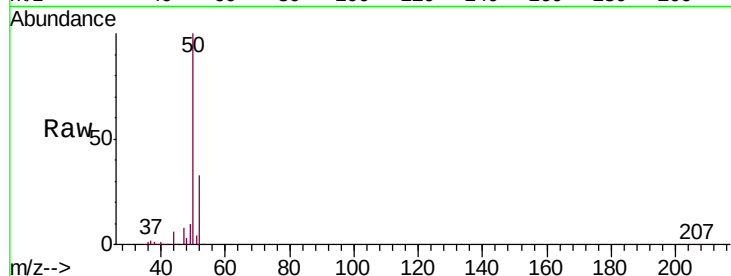
EP2-SB-104(15-17)MS

Tgt Ion: 50 Resp: 141394

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 50.484 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006817.D

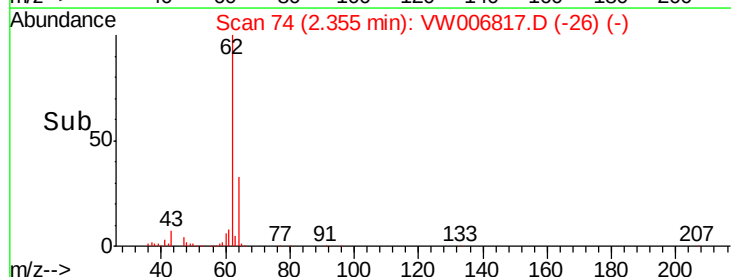
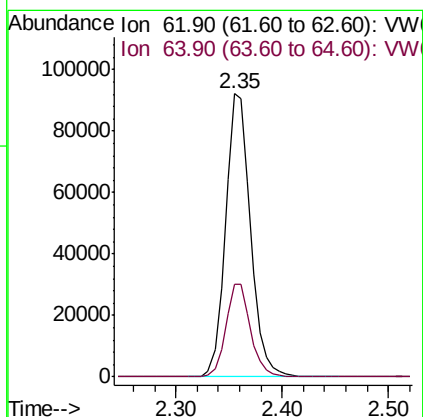
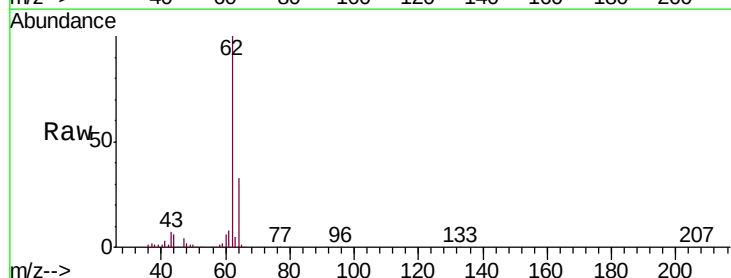
Acq: 12 Nov 2018 19:56

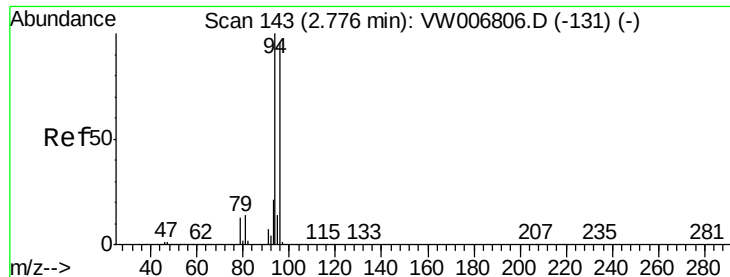
Tgt Ion: 62 Resp: 150643

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 55.771 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

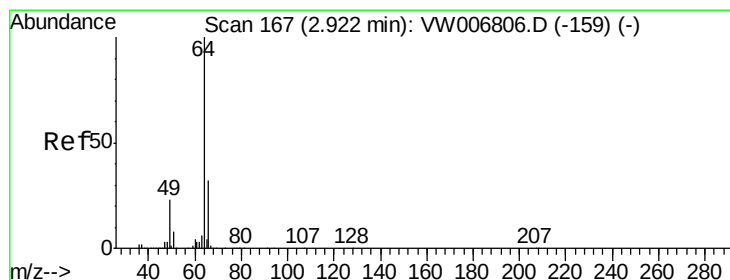
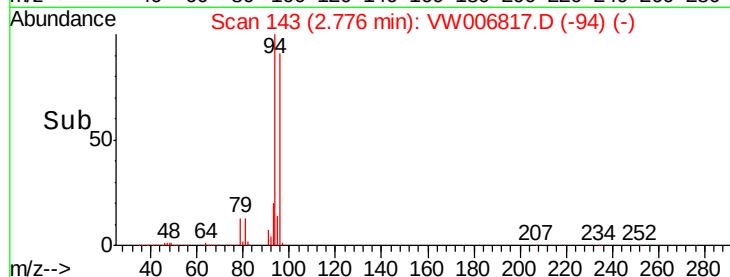
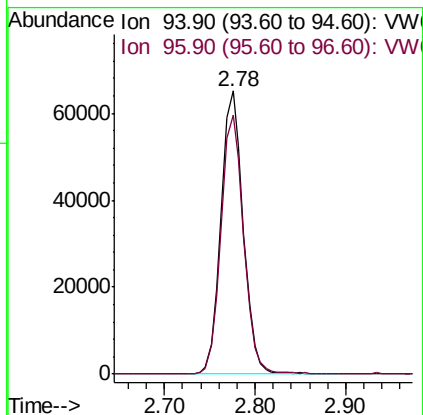
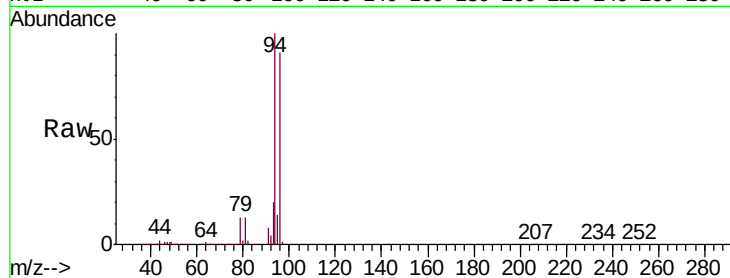
EP2-SB-104(15-17)MS

Tgt Ion: 94 Resp: 111961

Ion Ratio Lower Upper

94 100

96 91.4 76.8 115.2



#6

Chloroethane

Concen: 49.858 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006817.D

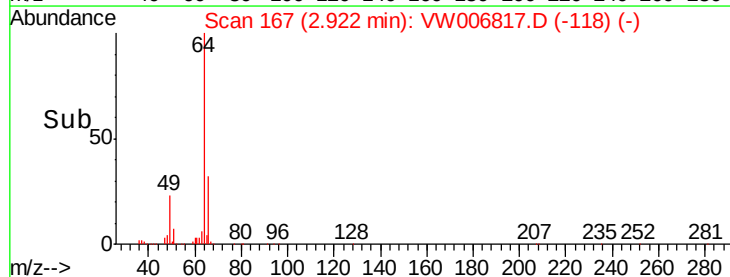
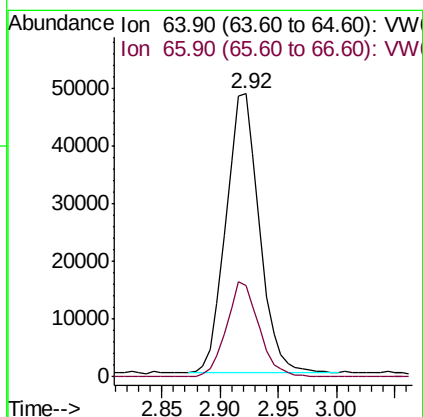
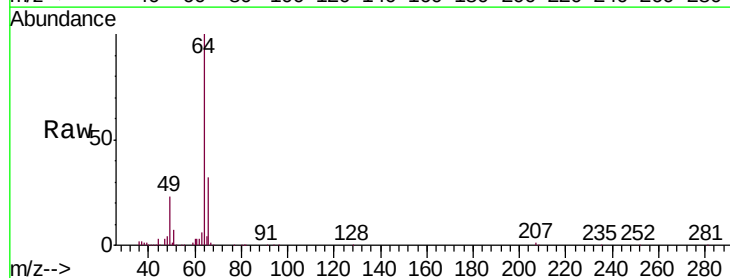
Acq: 12 Nov 2018 19:56

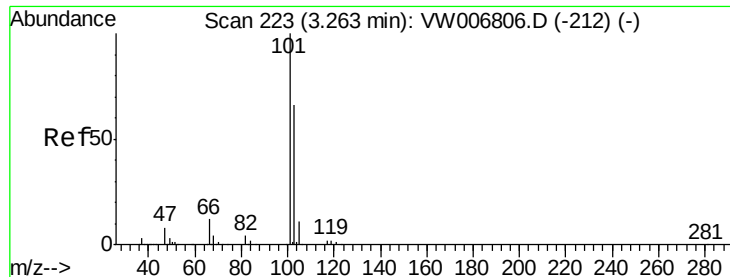
Tgt Ion: 64 Resp: 96002

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



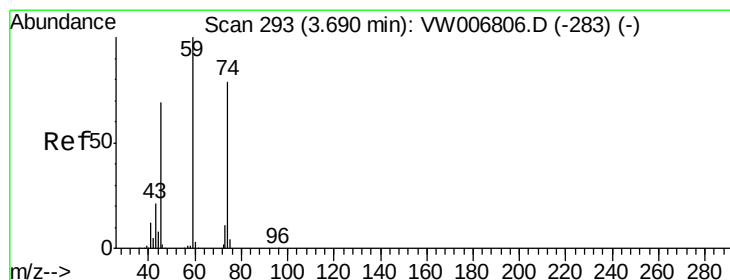
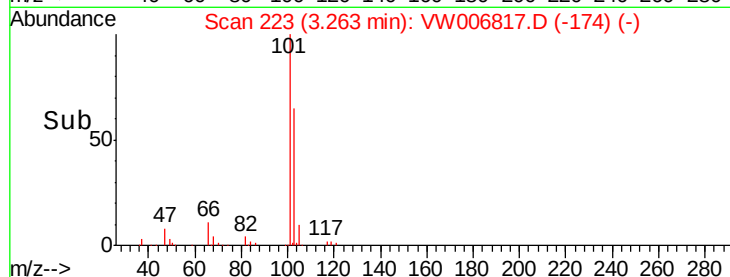
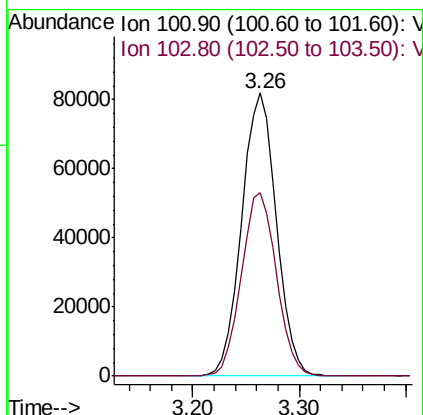
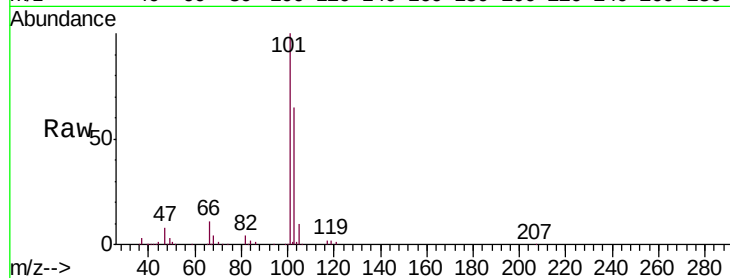


#7

Trichlorofluoromethane
 Concen: 47.731 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
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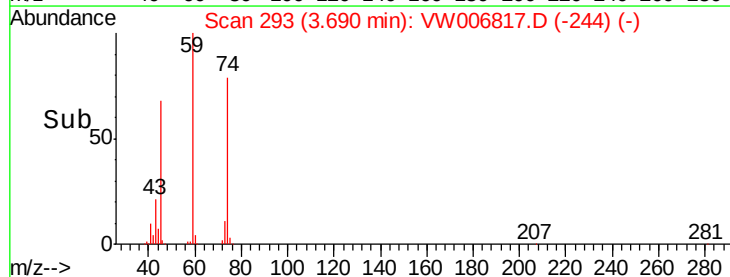
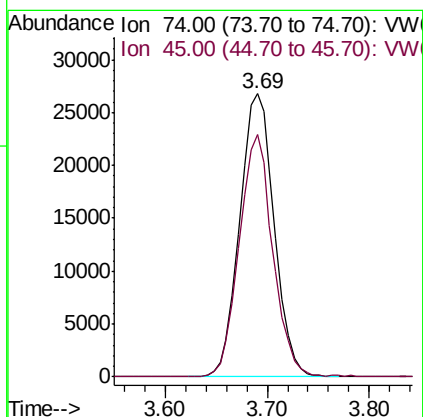
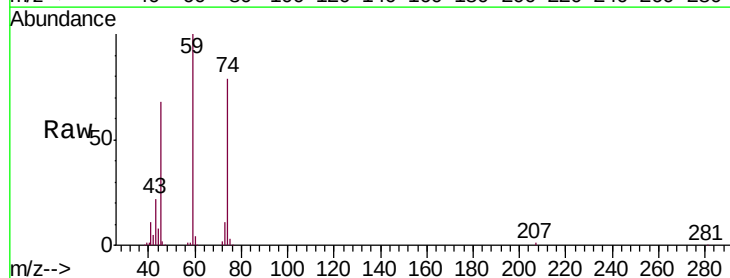
Tgt Ion: 101 Resp: 188007
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 79.0

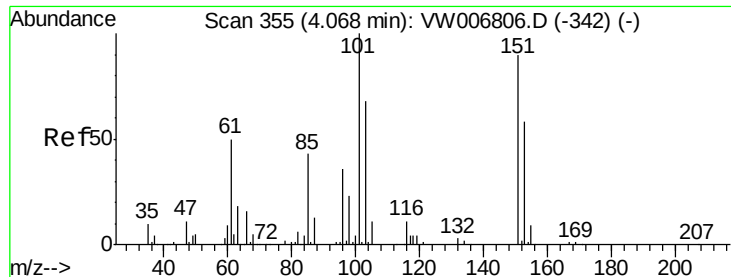


#8

Diethyl Ether
 Concen: 54.299 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 74 Resp: 62759
 Ion Ratio Lower Upper
 74 100
 45 83.3 43.1 129.4

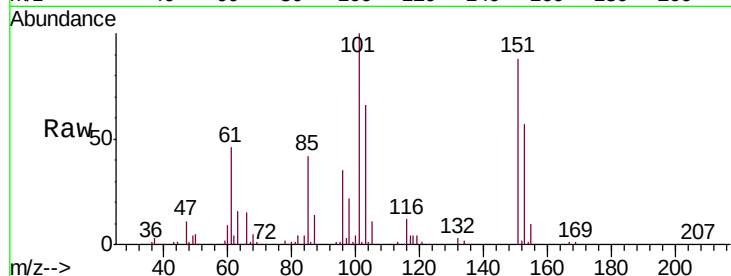




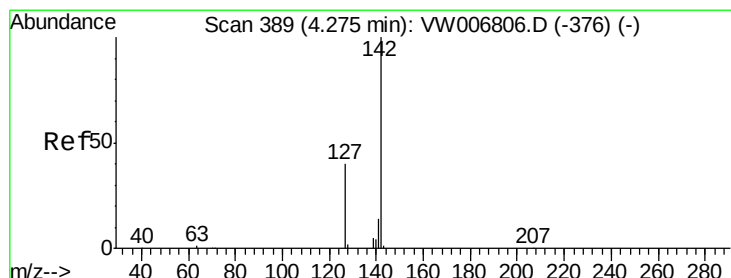
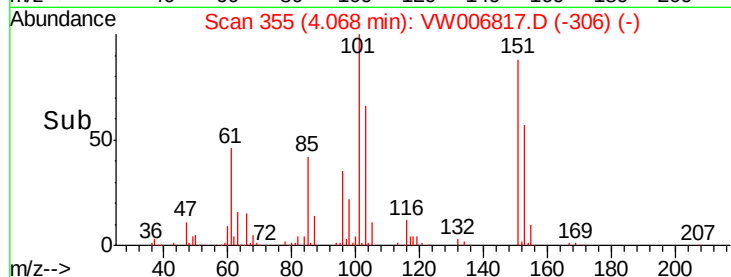
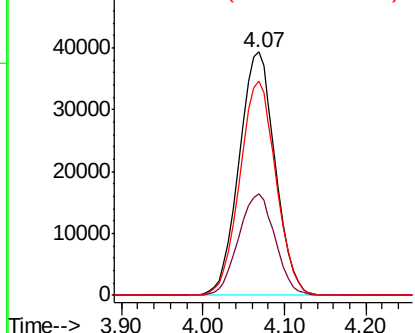
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.255 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
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Tgt Ion:101 Resp: 120870
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.8
 151 88.2 71.4 107.0

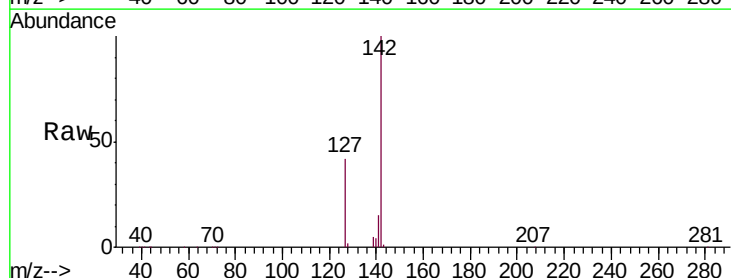


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

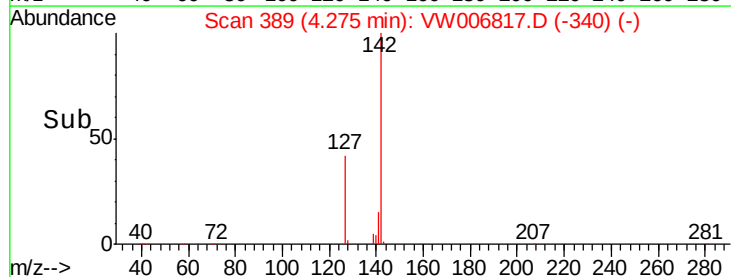
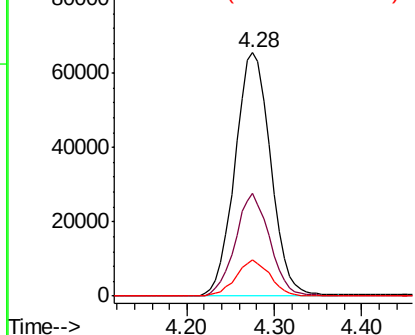


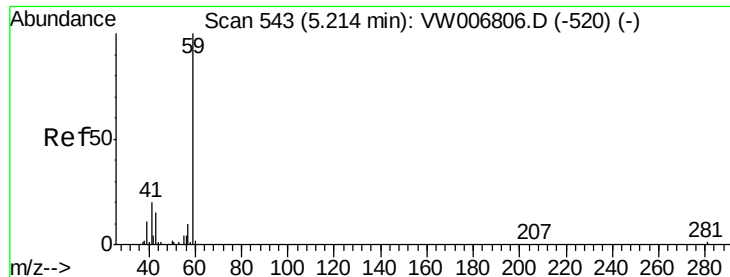
#10
 Methyl Iodide
 Concen: 49.835 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion:142 Resp: 186547
 Ion Ratio Lower Upper
 142 100
 127 40.4 31.8 47.8
 141 14.2 11.5 17.3



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

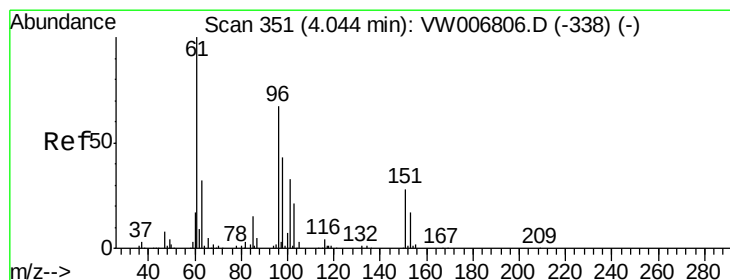
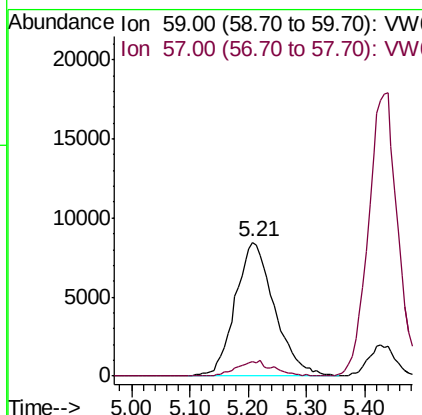
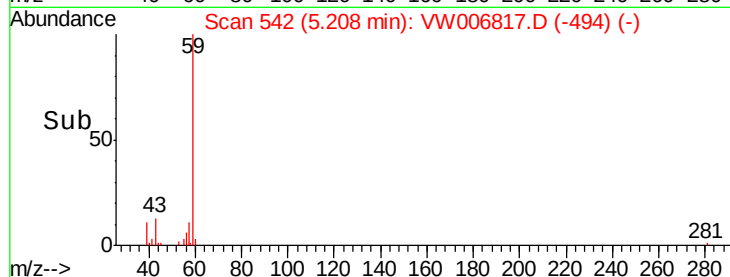
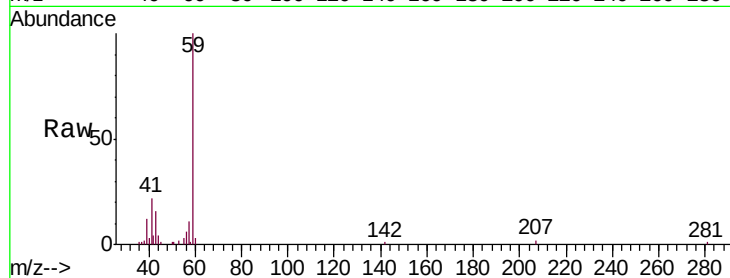




#11
Tert butyl alcohol
Concen: 275.934 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

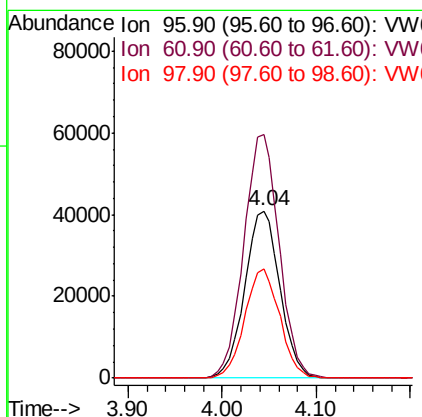
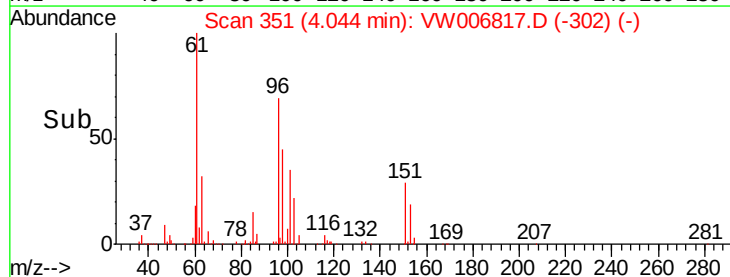
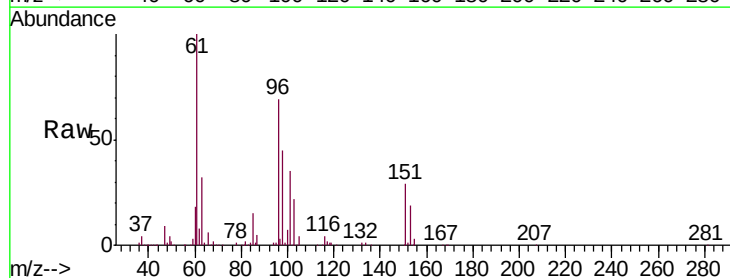
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

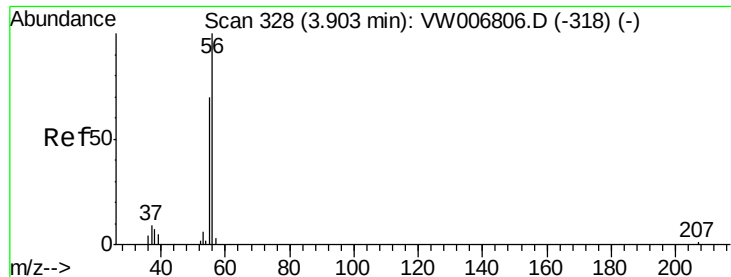
Tgt Ion: 59 Resp: 39548
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.495 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 96 Resp: 107150
Ion Ratio Lower Upper
96 100
61 145.7 119.8 179.6
98 65.7 51.5 77.3





#13

Acrolein

Concen: 233.844 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

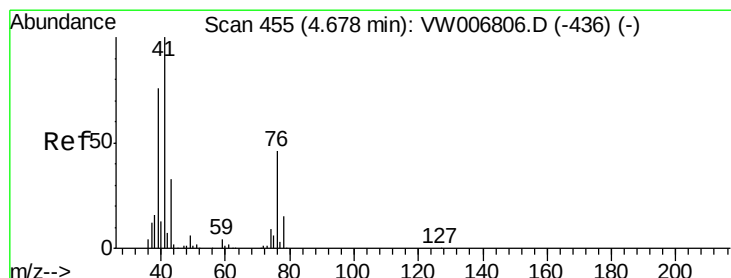
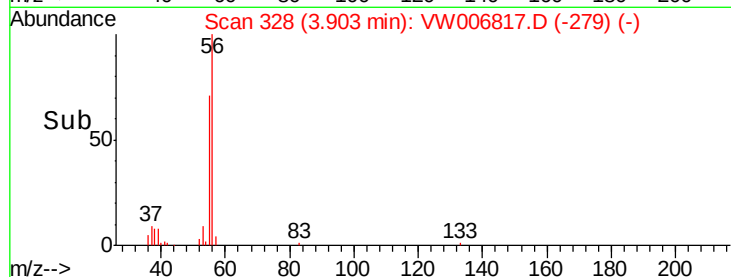
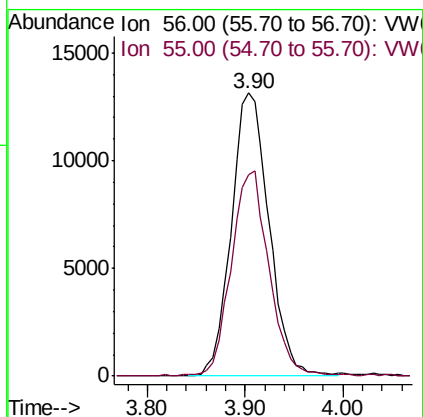
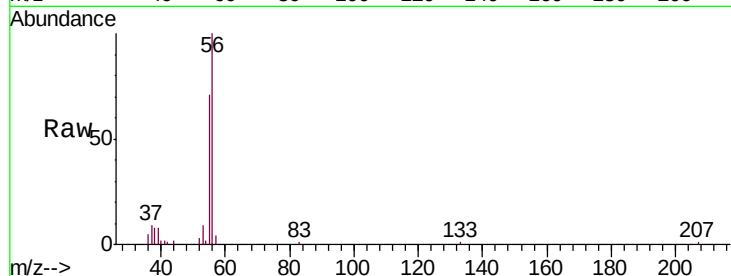
EP2-SB-104(15-17)MS

Tgt Ion: 56 Resp: 35053

Ion Ratio Lower Upper

56 100

55 72.9 56.1 84.1



#14

Allyl chloride

Concen: 49.722 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

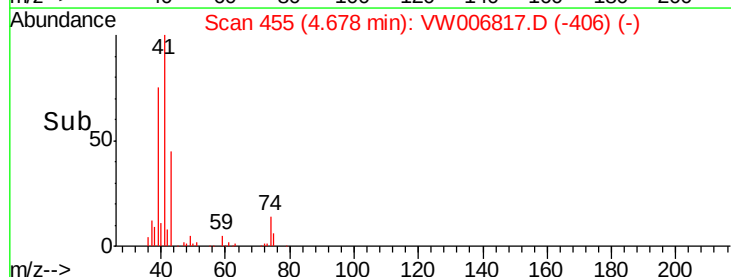
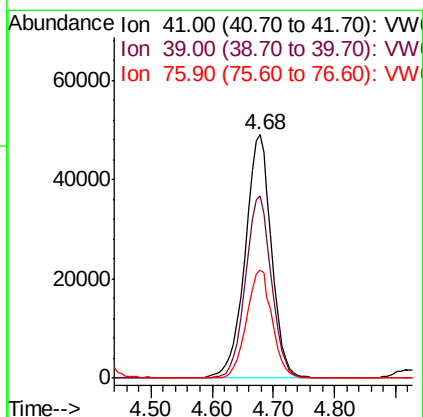
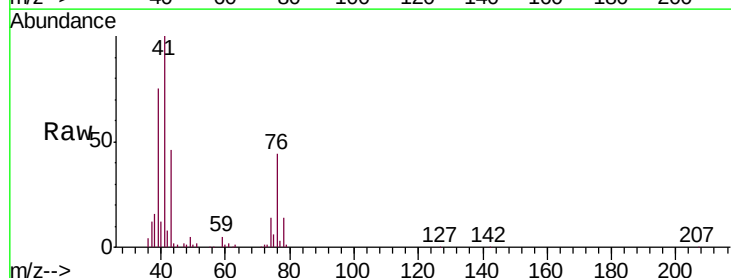
Tgt Ion: 41 Resp: 147538

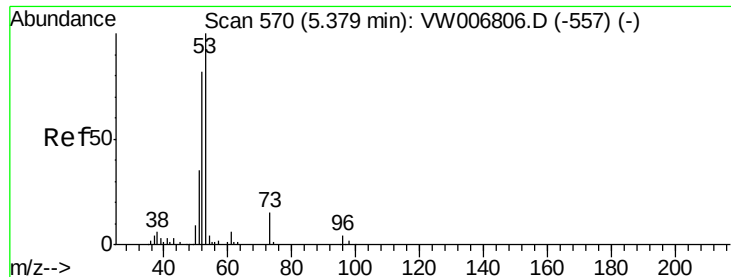
Ion Ratio Lower Upper

41 100

39 73.7 58.9 88.3

76 42.8 34.4 51.6





#15

Acrylonitrile

Concen: 294.269 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

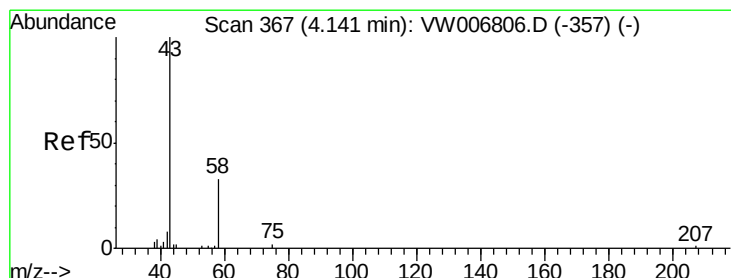
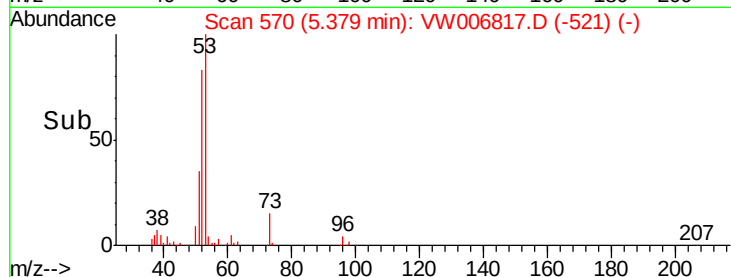
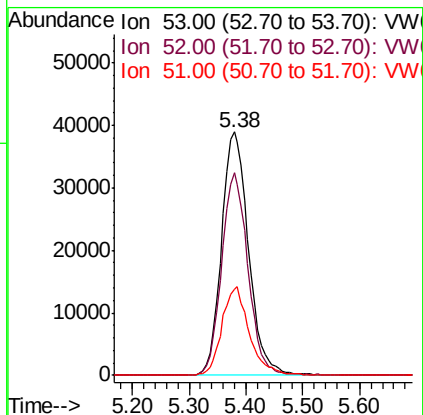
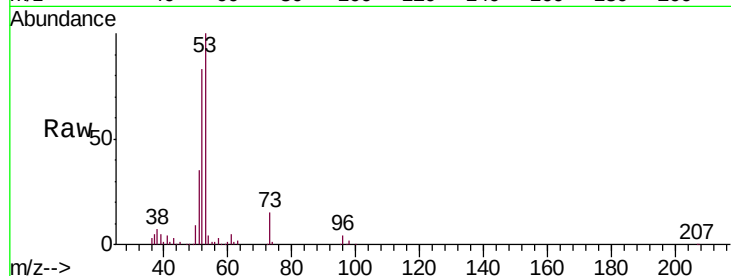
Tgt Ion: 53 Resp: 128808

Ion Ratio Lower Upper

53 100

52 81.1 65.2 97.8

51 37.1 30.0 45.0



#16

Acetone

Concen: 308.254 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006817.D

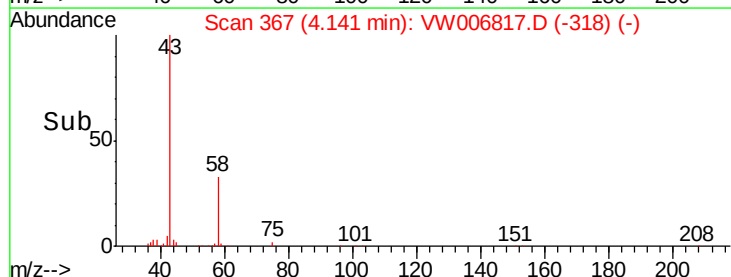
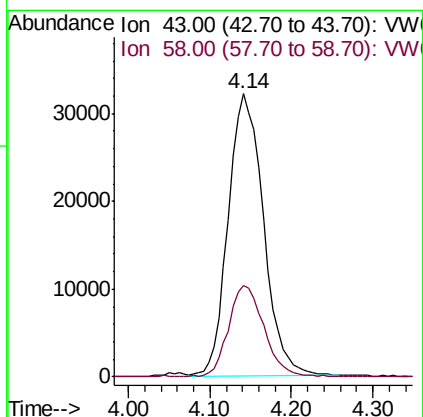
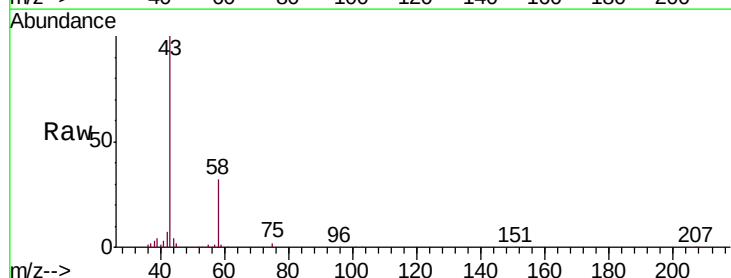
Acq: 12 Nov 2018 19:56

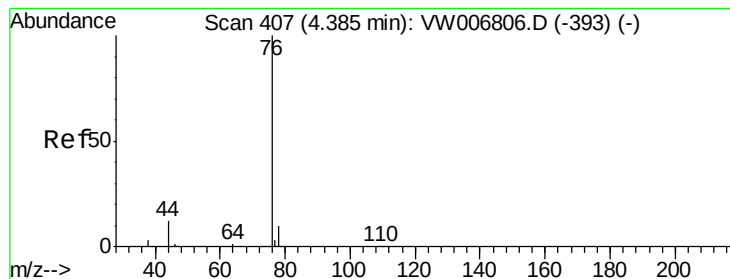
Tgt Ion: 43 Resp: 96659

Ion Ratio Lower Upper

43 100

58 32.4 26.5 39.7





#17

Carbon Disulfide

Concen: 49.944 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

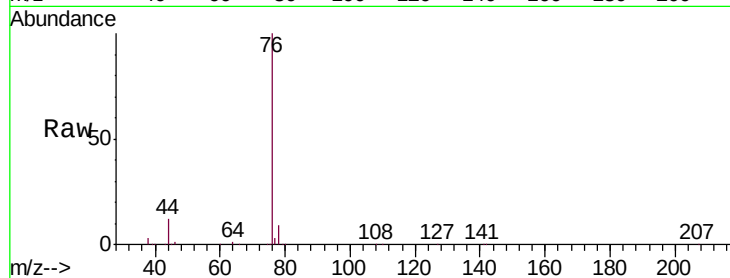
EP2-SB-104(15-17)MS

Tgt Ion: 76 Resp: 356330

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

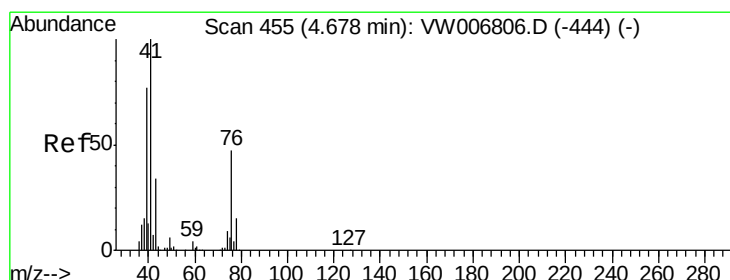
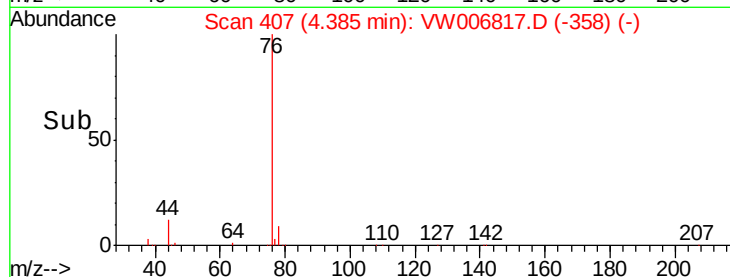
4.39

100000

50000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 63.338 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006817.D

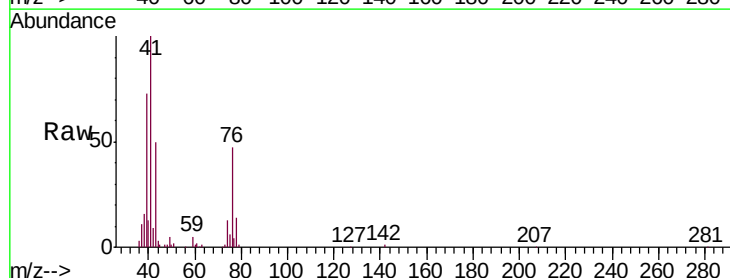
Acq: 12 Nov 2018 19:56

Tgt Ion: 43 Resp: 67937

Ion Ratio Lower Upper

43 100

74 28.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

25000

4.68

20000

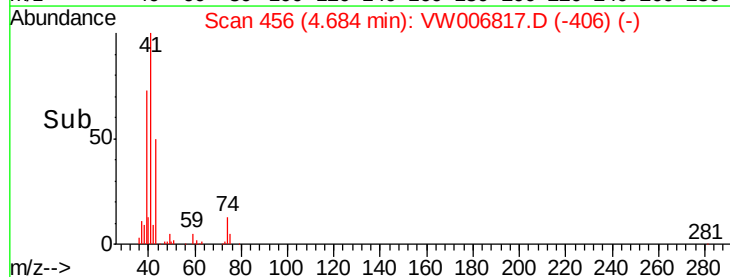
15000

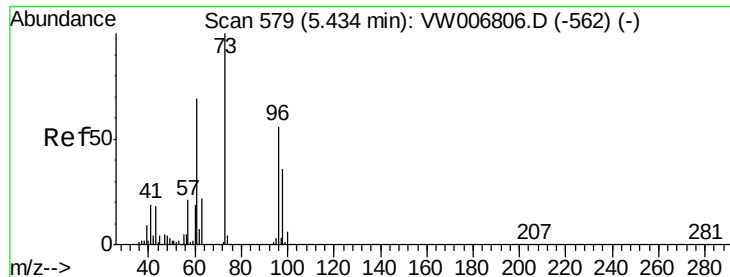
10000

5000

0

Time--> 4.60 4.70 4.80





#19

Methyl tert-butyl Ether

Concen: 55.513 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

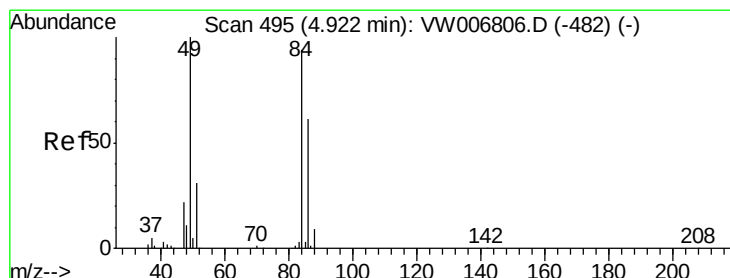
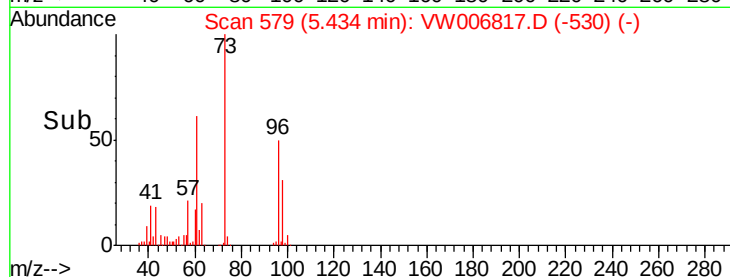
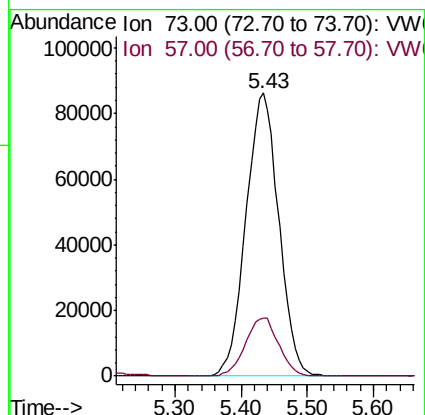
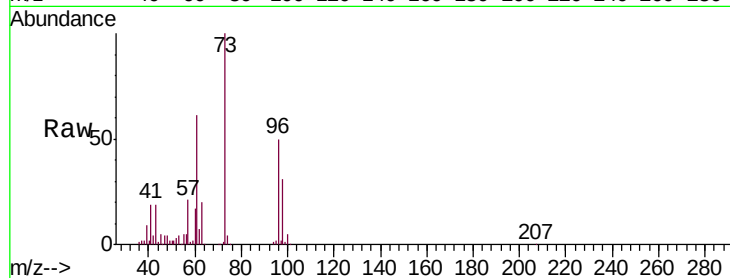
EP2-SB-104(15-17)MS

Tgt Ion: 73 Resp: 297335

Ion Ratio Lower Upper

73 100

57 20.7 16.8 25.2



#20

Methylene Chloride

Concen: 59.594 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion: 84 Resp: 167274

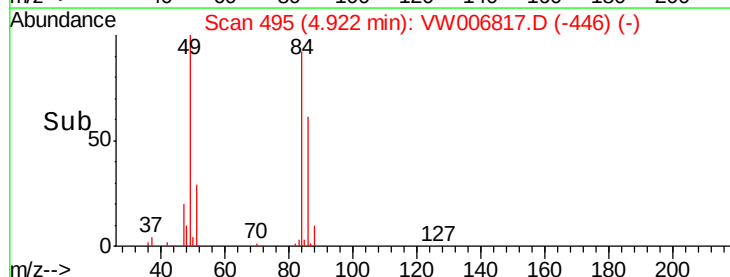
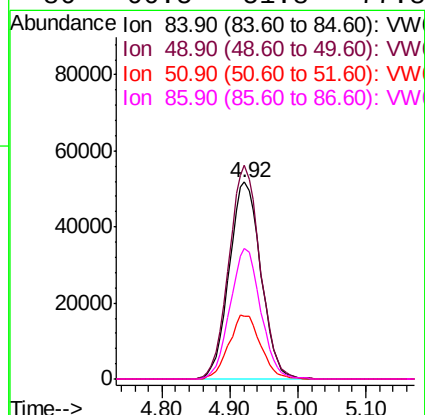
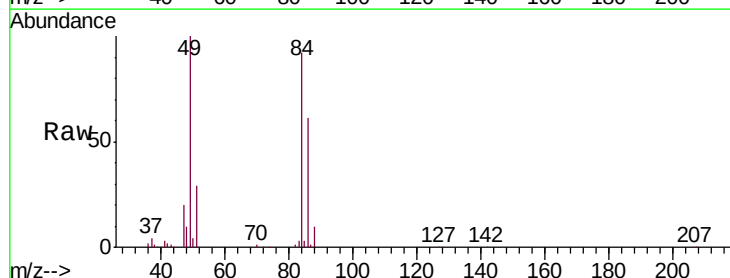
Ion Ratio Lower Upper

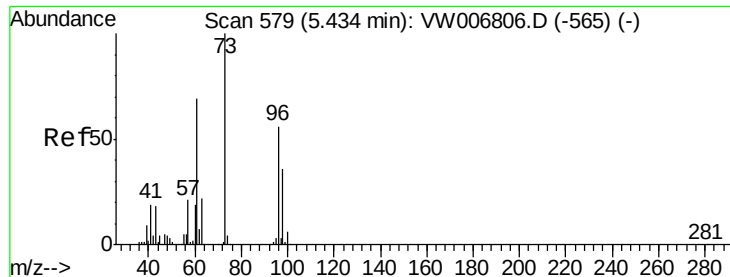
84 100

49 108.7 84.8 127.2

51 31.7 26.2 39.4

86 66.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 48.063 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

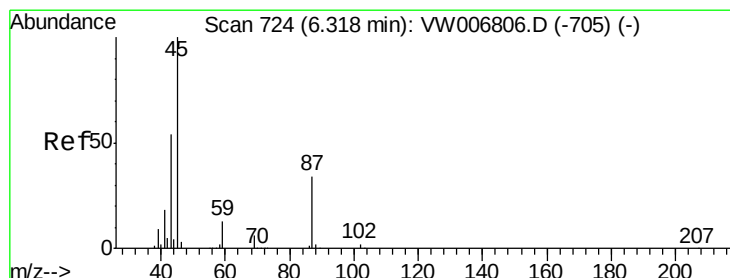
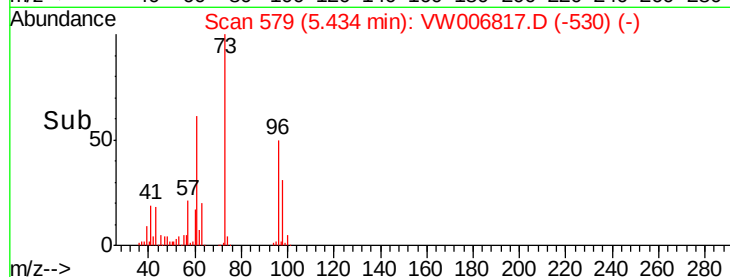
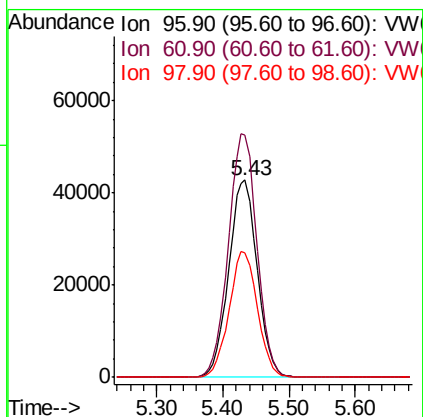
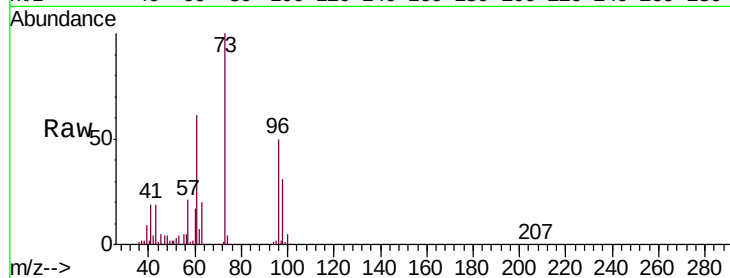
Tgt Ion: 96 Resp: 127880

Ion Ratio Lower Upper

96 100

61 122.9 98.7 148.1

98 63.0 51.2 76.8



#22

Diisopropyl ether

Concen: 52.526 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion: 45 Resp: 323693

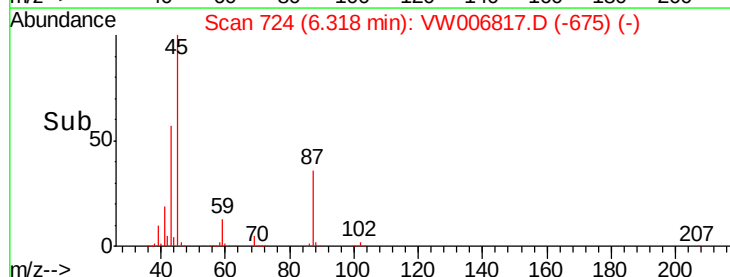
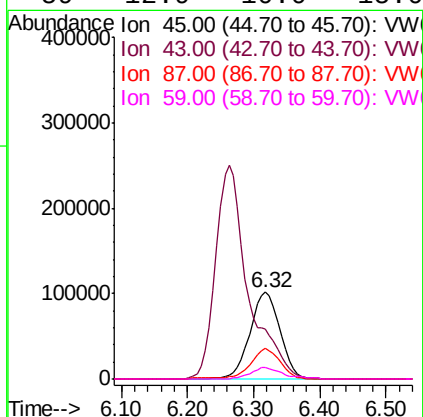
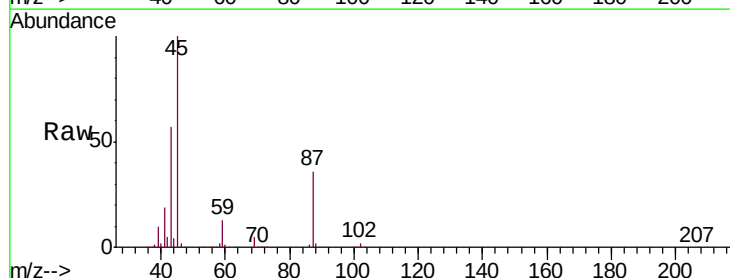
Ion Ratio Lower Upper

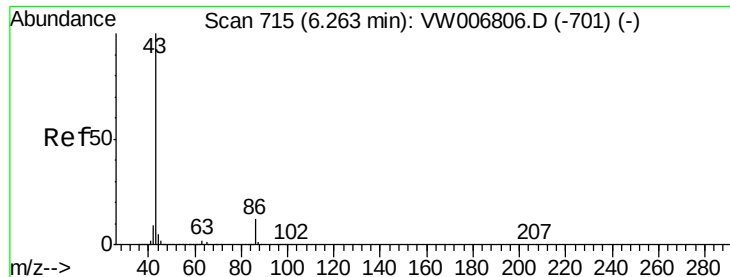
45 100

43 57.0 43.7 65.5

87 35.7 27.2 40.8

59 12.9 10.0 15.0

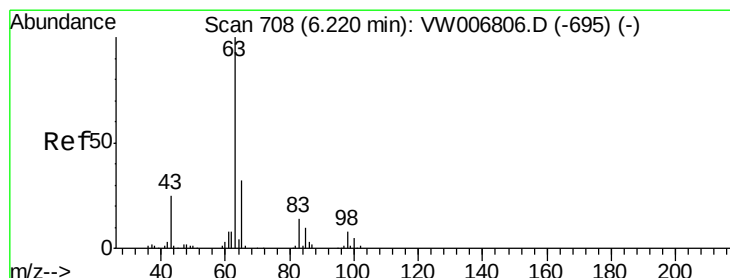
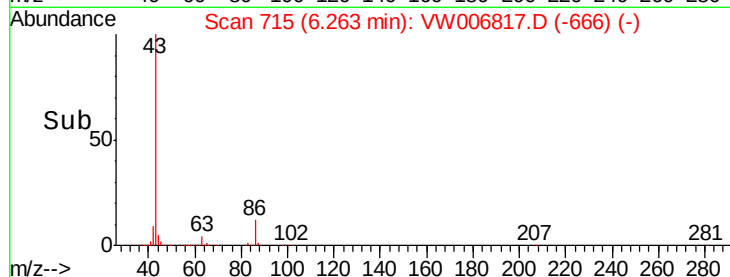
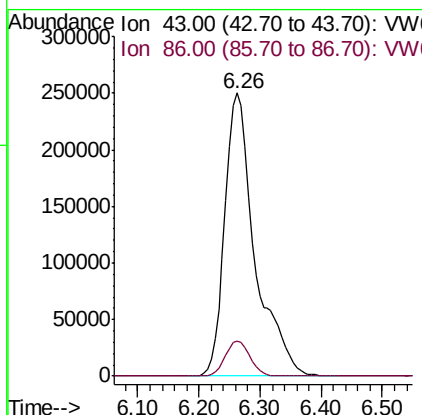
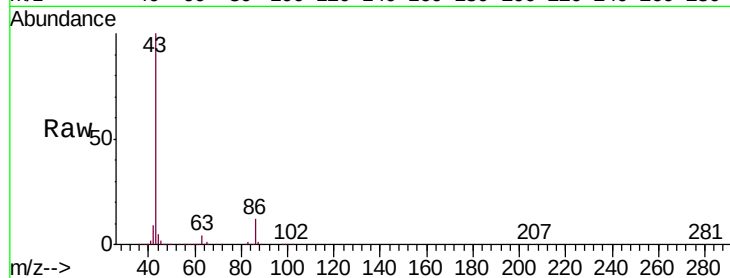




#23
 Vinyl Acetate
 Concen: 245.491 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

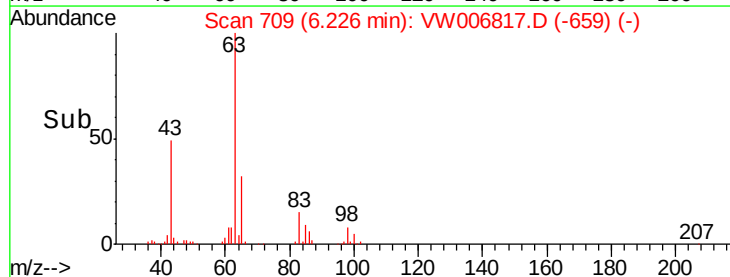
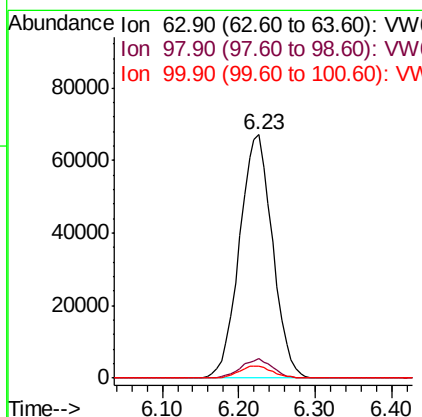
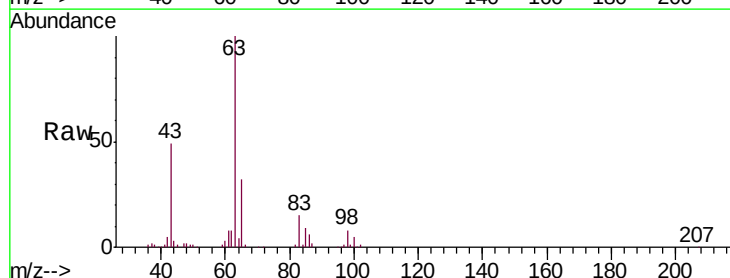
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

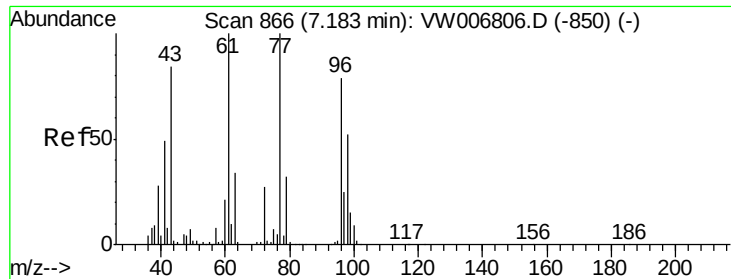
Tgt Ion: 43 Resp: 852848
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.204 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 63 Resp: 201098
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 290.503 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

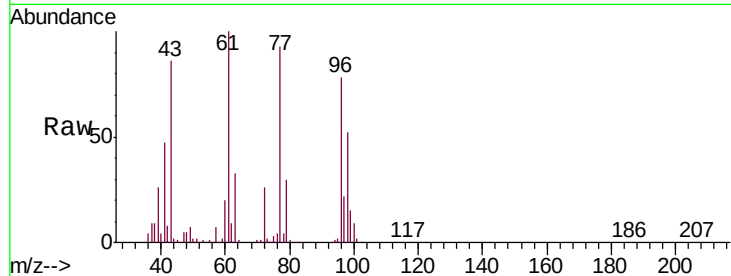
EP2-SB-104(15-17)MS

Tgt Ion: 43 Resp: 154053

Ion Ratio Lower Upper

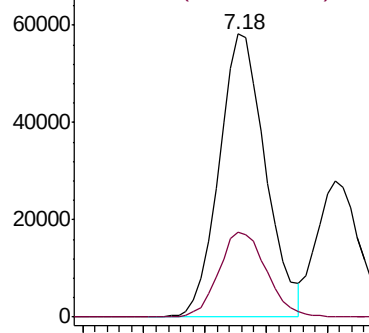
43 100

72 30.0 25.3 37.9

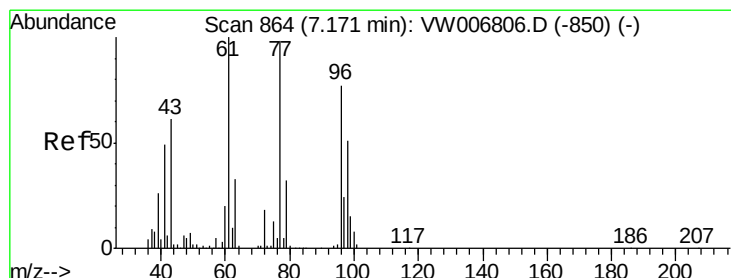
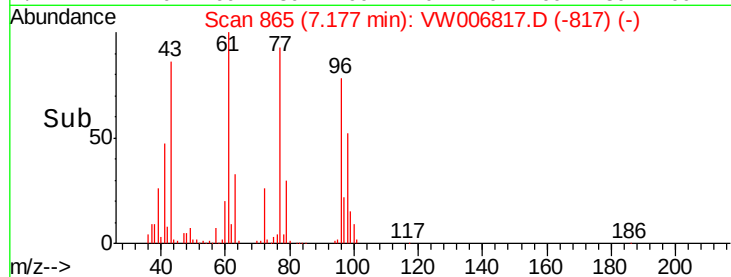


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 44.967 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006817.D

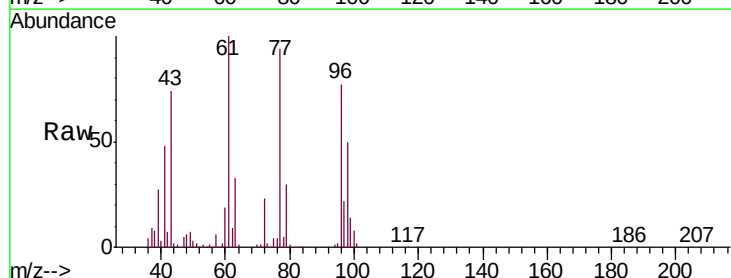
Acq: 12 Nov 2018 19:56

Tgt Ion: 77 Resp: 184915

Ion Ratio Lower Upper

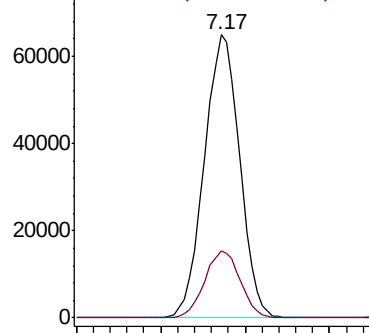
77 100

97 23.8 12.0 36.1

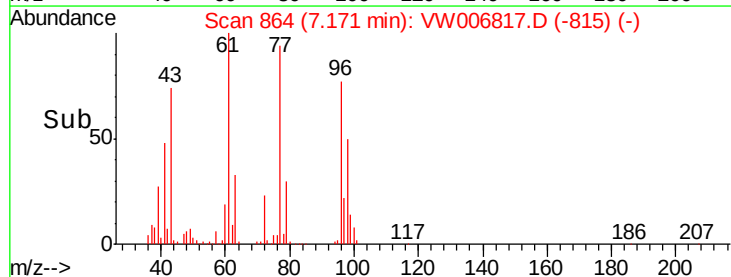


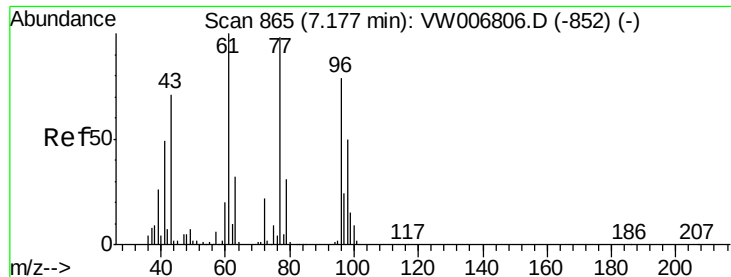
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.434 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

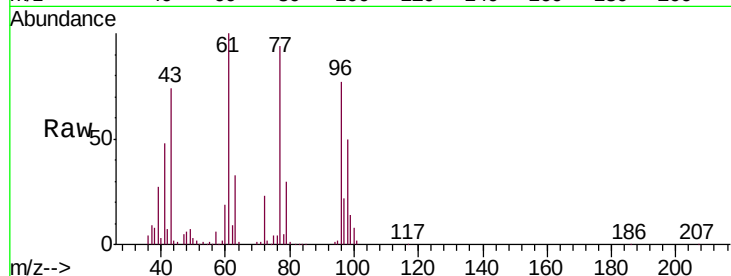
Tgt Ion: 96 Resp: 140222

Ion Ratio Lower Upper

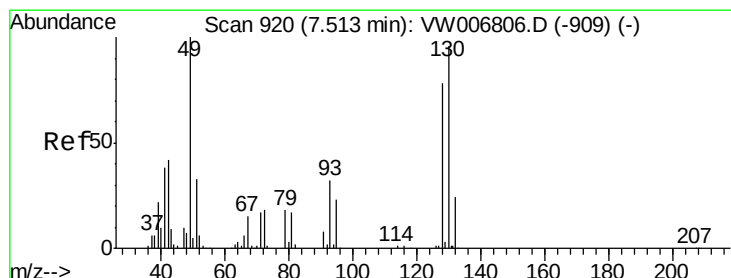
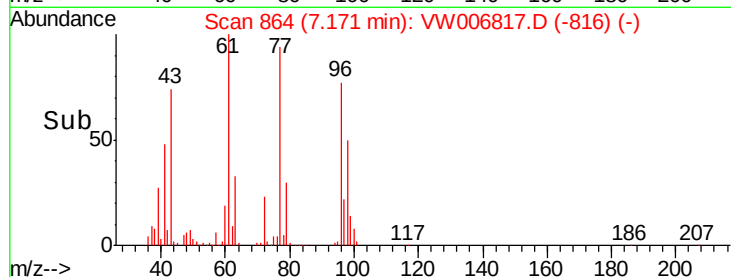
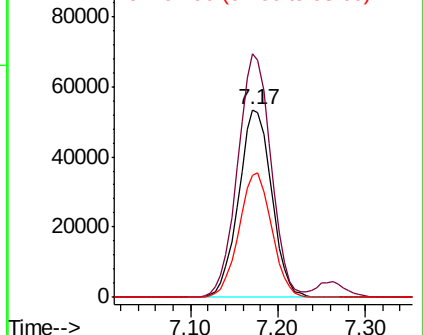
96 100

61 131.0 0.0 264.0

98 65.7 0.0 131.0



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



#28

Bromochloromethane

Concen: 52.819 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

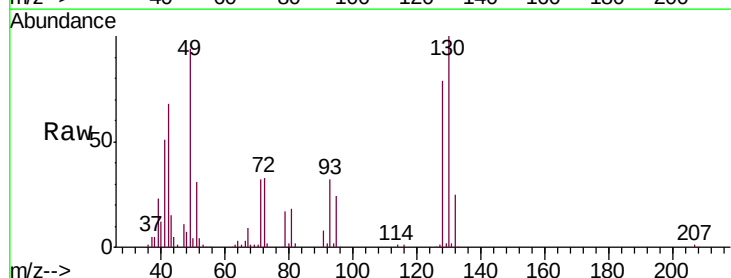
Tgt Ion: 49 Resp: 75511

Ion Ratio Lower Upper

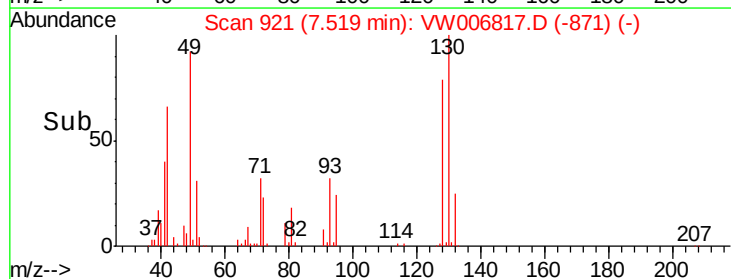
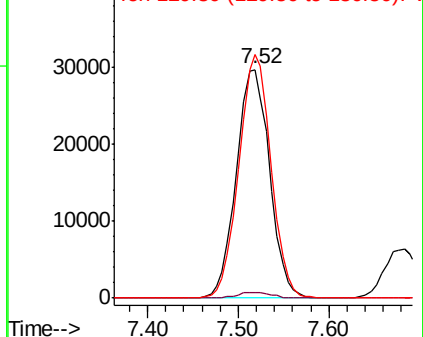
49 100

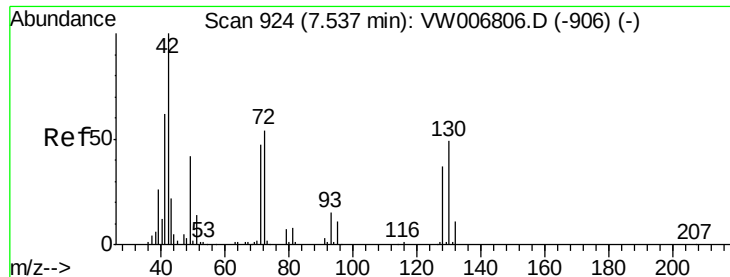
129 2.6 0.0 5.6

130 102.5 83.3 124.9



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

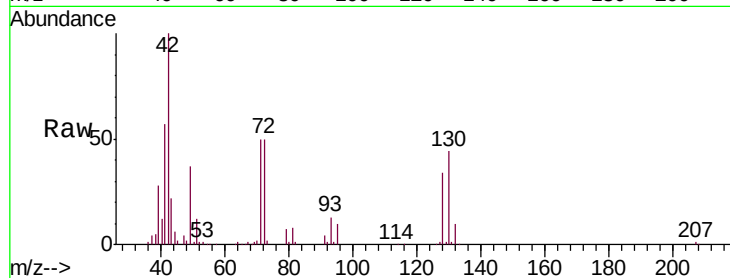




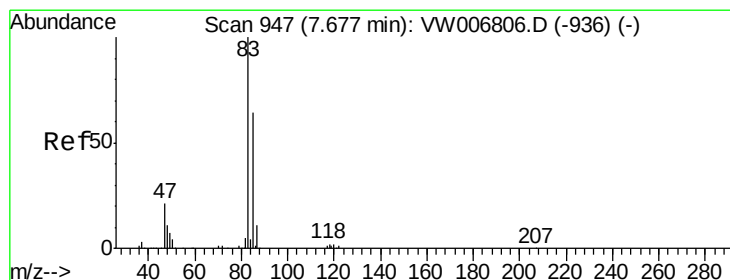
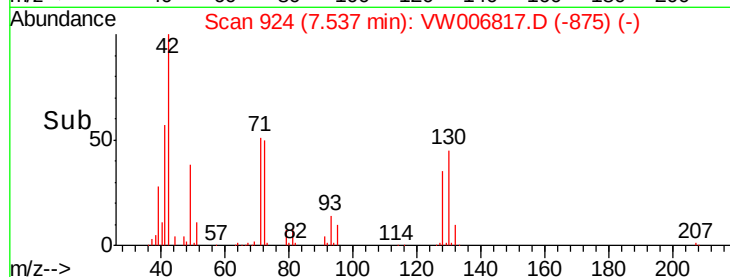
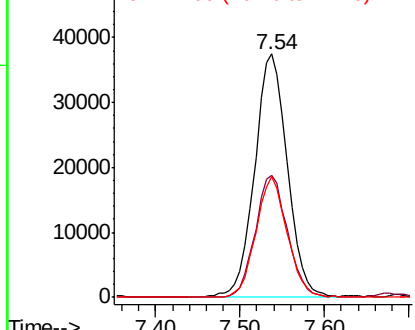
#29
Tetrahydrofuran
Concen: 293.866 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

Tgt Ion: 42 Resp: 99729
Ion Ratio Lower Upper
42 100
72 49.3 40.9 61.3
71 47.3 36.9 55.3

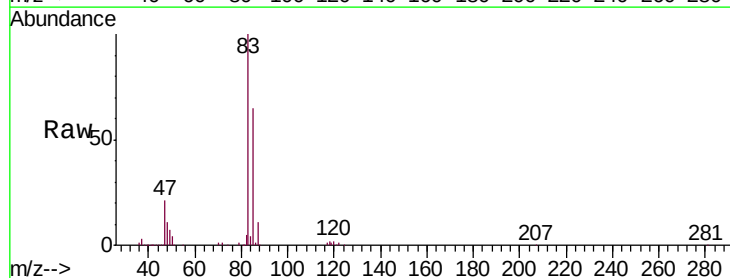


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

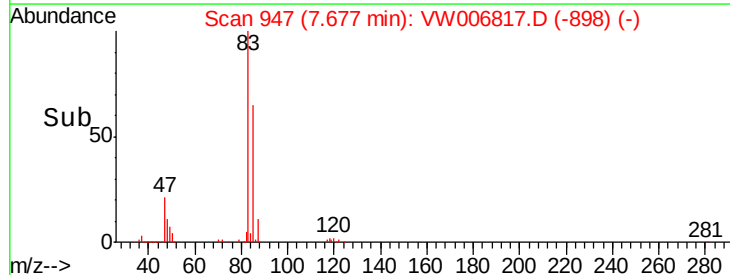
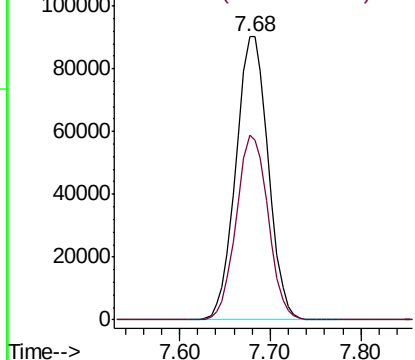


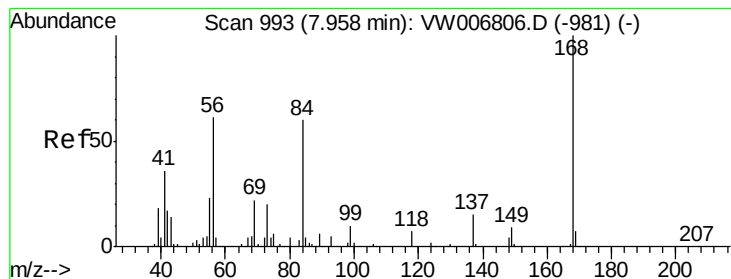
#30
Chloroform
Concen: 49.923 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 83 Resp: 222782
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 46.445 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

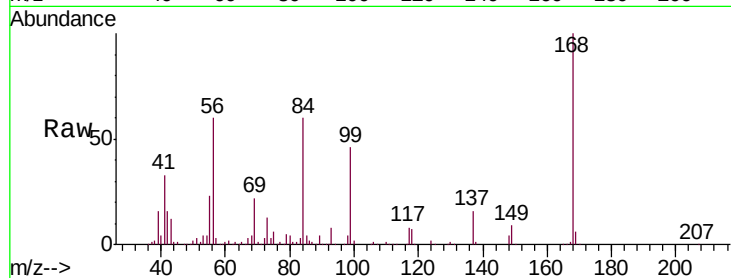
Tgt Ion: 56 Resp: 194309

Ion Ratio Lower Upper

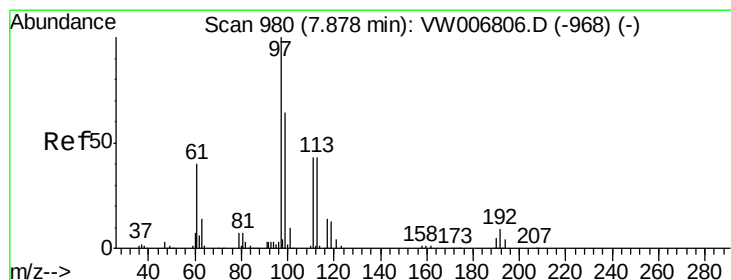
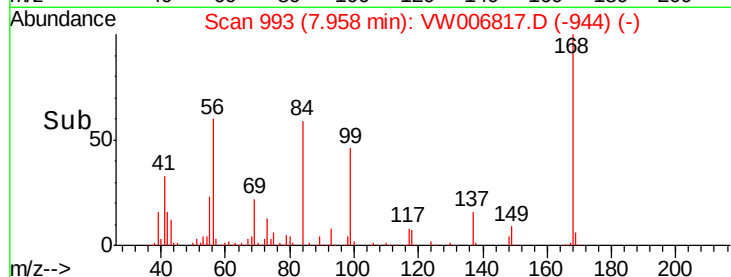
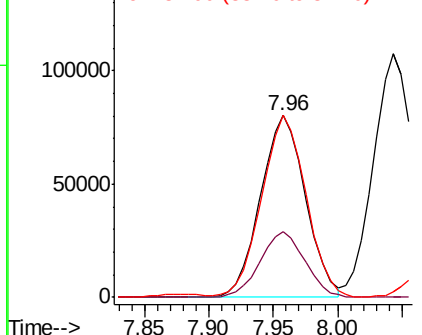
56 100

69 36.3 28.9 43.3

84 98.7 79.0 118.4



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



#32

1,1,1-Trichloroethane

Concen: 48.715 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

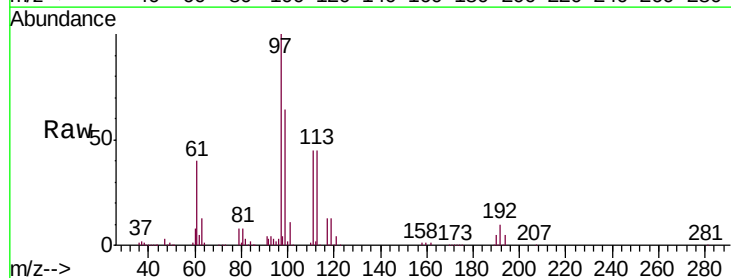
Tgt Ion: 97 Resp: 209838

Ion Ratio Lower Upper

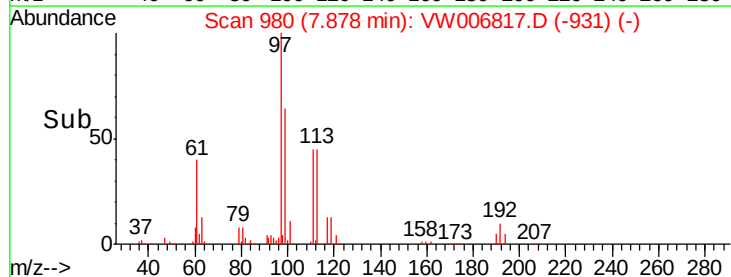
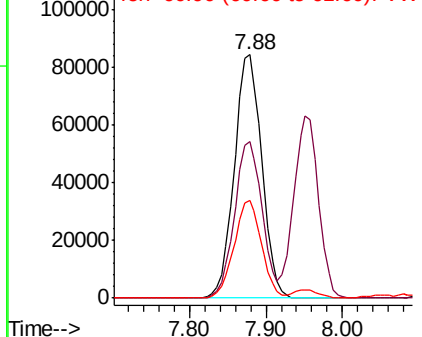
97 100

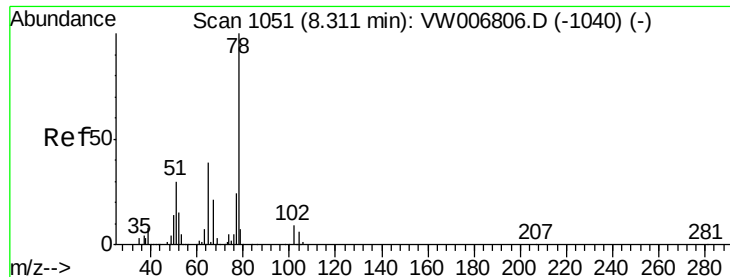
99 64.7 51.6 77.4

61 40.1 32.2 48.4



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





#33

1,2-Dichloroethane-d4

Concen: 48.307 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

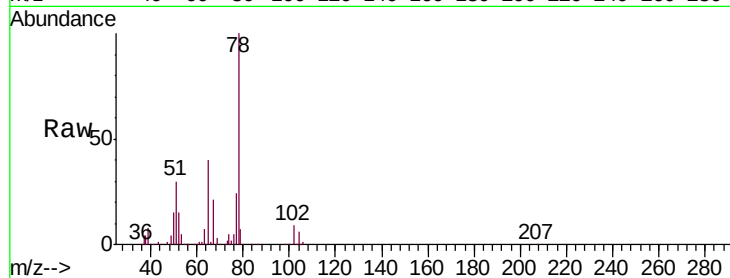
EP2-SB-104(15-17)MS

Tgt Ion: 65 Resp: 105473

Ion Ratio Lower Upper

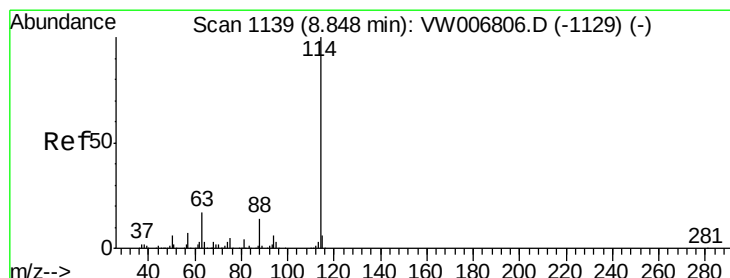
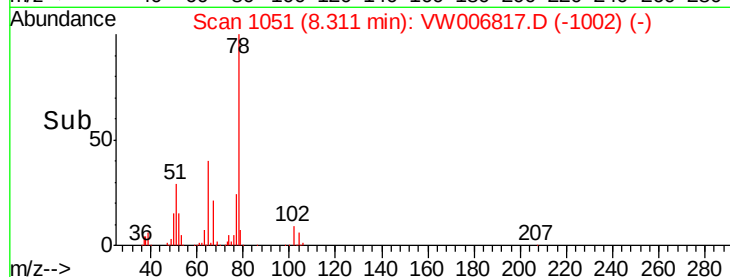
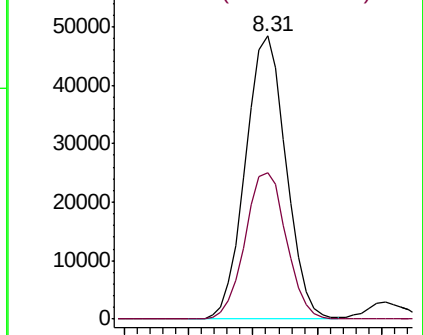
65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

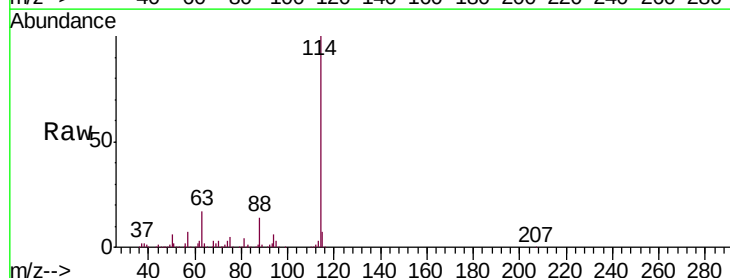
Tgt Ion: 114 Resp: 401285

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

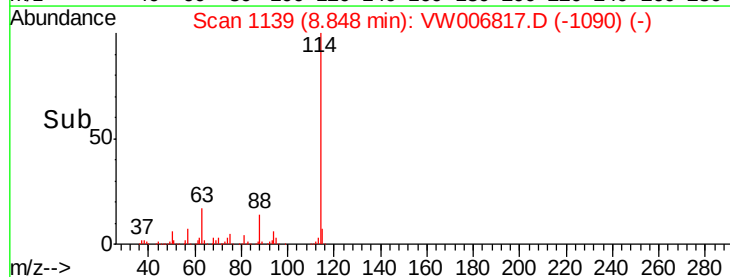
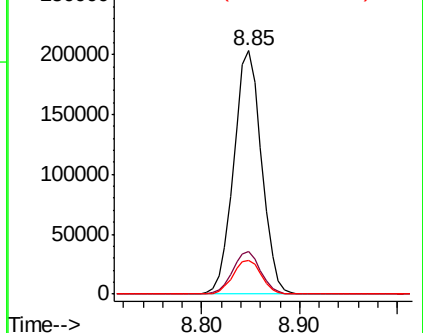
88 14.1 0.0 28.4

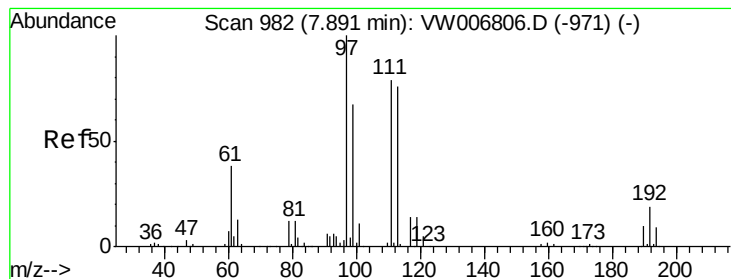


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

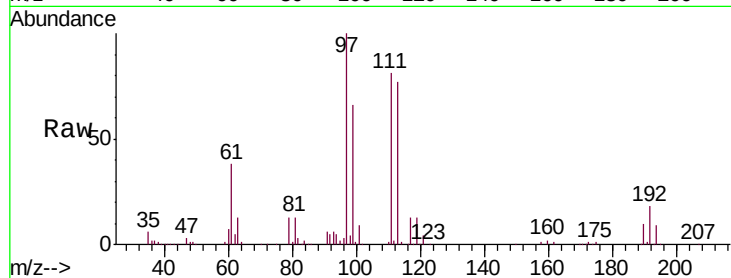
Tgt Ion: 113 Resp: 111230

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

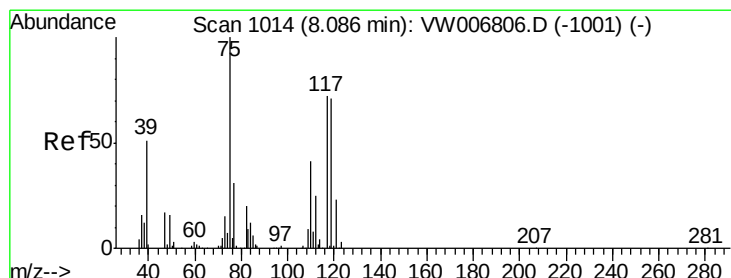
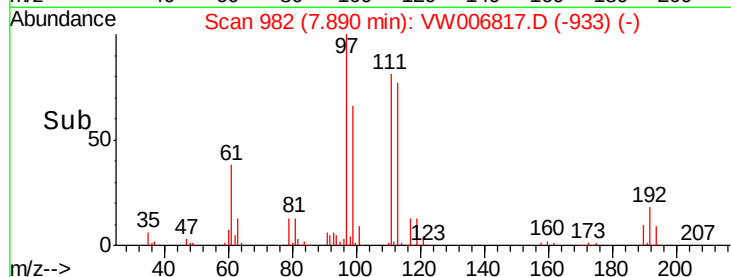
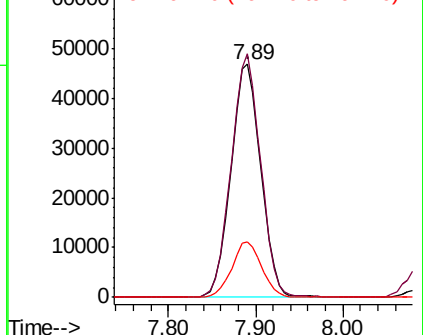
192 23.6 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.983 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

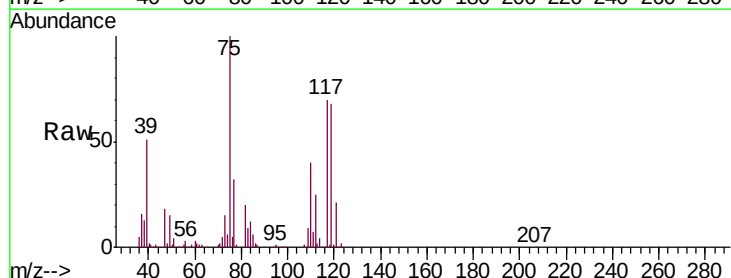
Tgt Ion: 75 Resp: 180190

Ion Ratio Lower Upper

75 100

110 38.9 19.9 59.6

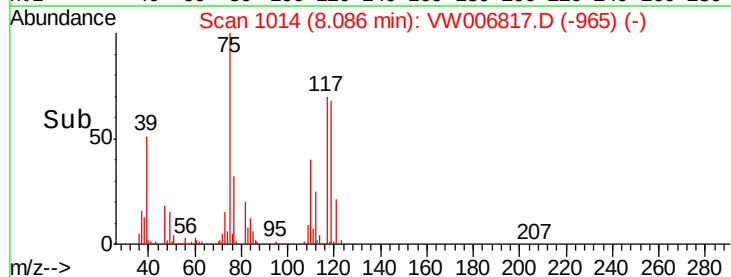
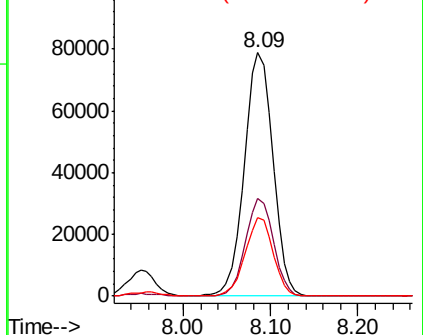
77 31.4 25.4 38.2

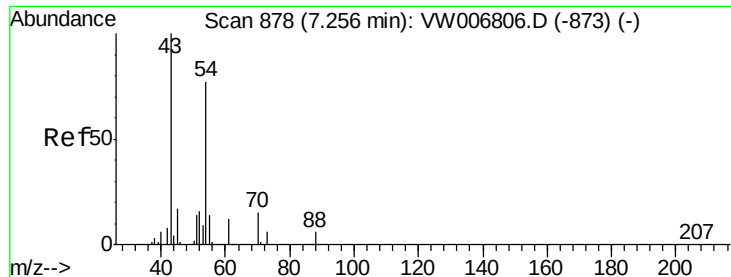


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

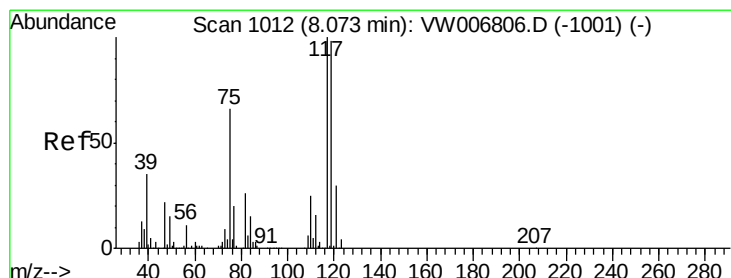
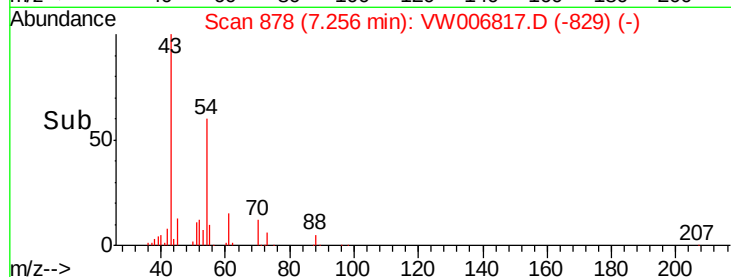
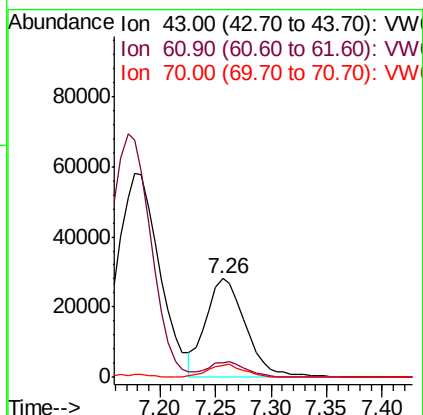
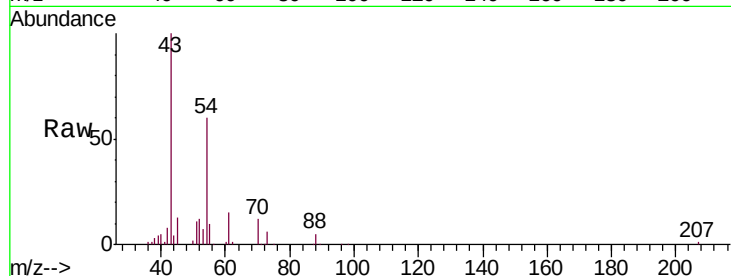




#37
 Ethyl Acetate
 Concen: 56.637 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

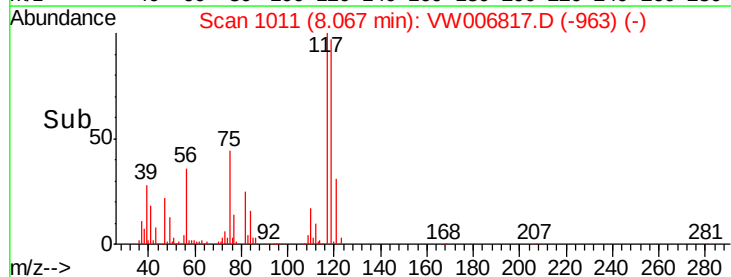
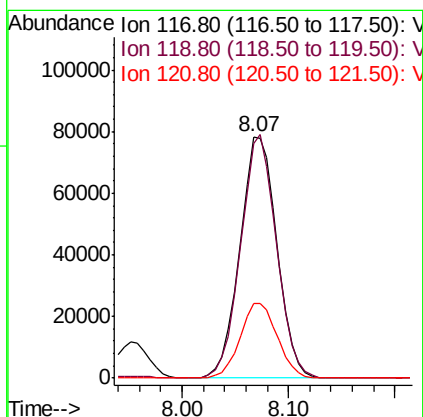
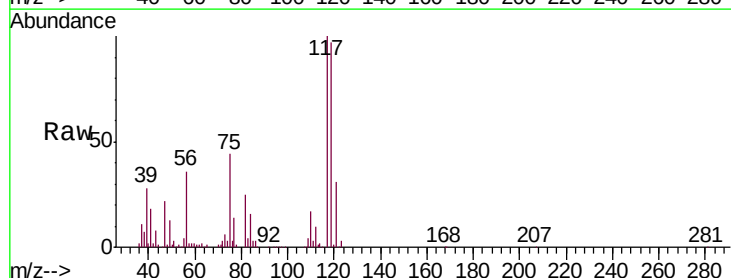
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

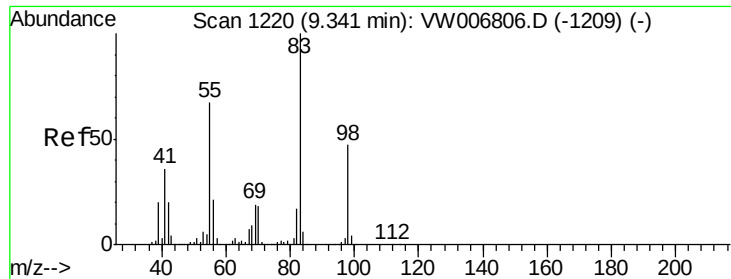
Tgt Ion: 43 Resp: 69547
 Ion Ratio Lower Upper
 43 100
 61 15.2 11.7 17.5
 70 12.0 10.0 15.0



#38
 Carbon Tetrachloride
 Concen: 46.792 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 117 Resp: 190979
 Ion Ratio Lower Upper
 117 100
 119 97.3 78.5 117.7
 121 30.8 24.2 36.2

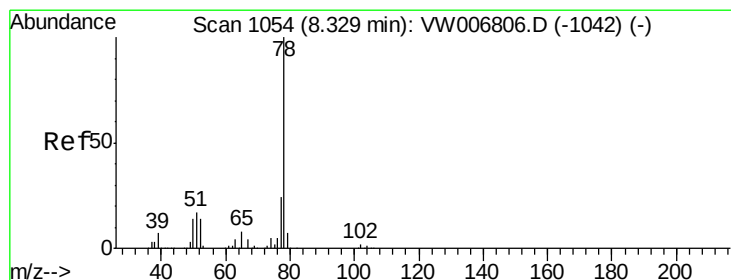
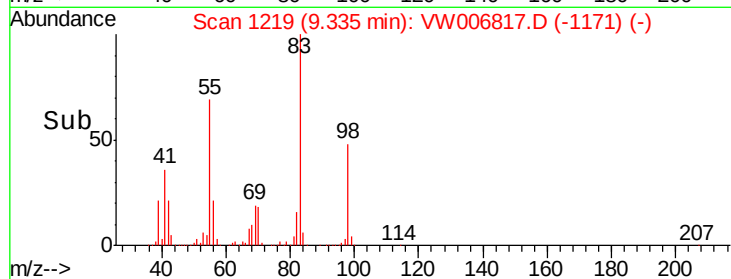
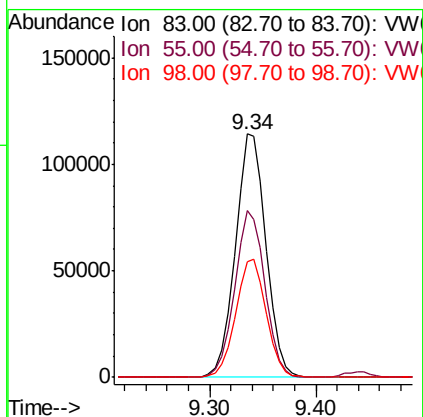
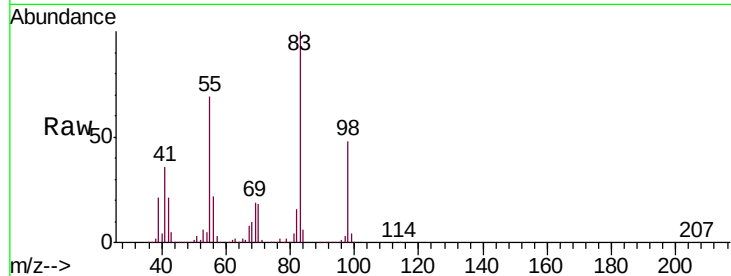




#39
Methylcyclohexane
Concen: 47.175 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

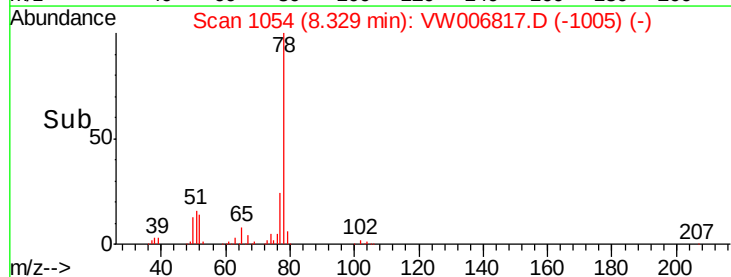
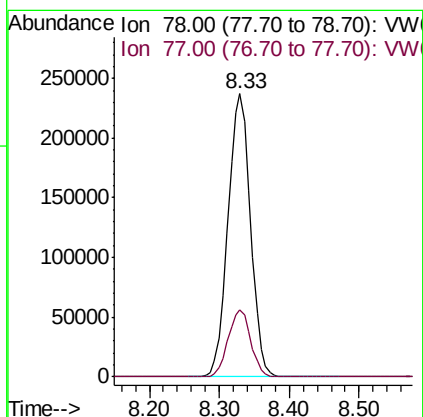
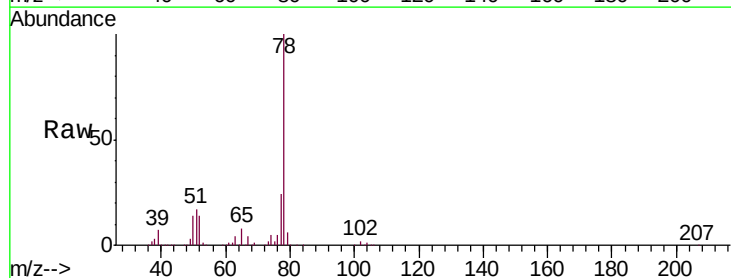
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

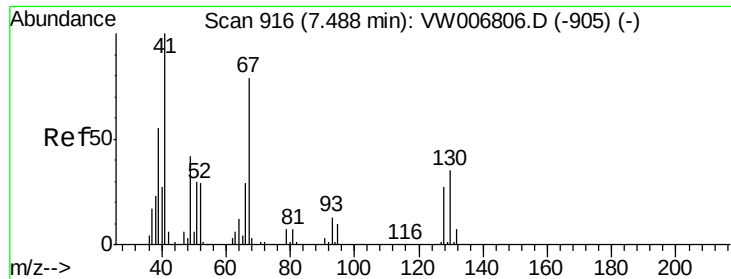
Tgt Ion: 83 Resp: 229836
Ion Ratio Lower Upper
83 100
55 68.6 53.3 79.9
98 47.6 37.9 56.9



#40
Benzene
Concen: 50.477 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 78 Resp: 527093
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

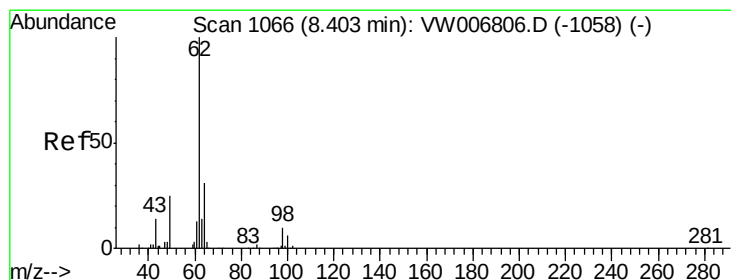
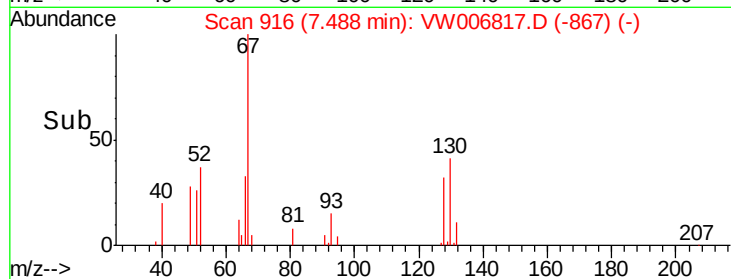
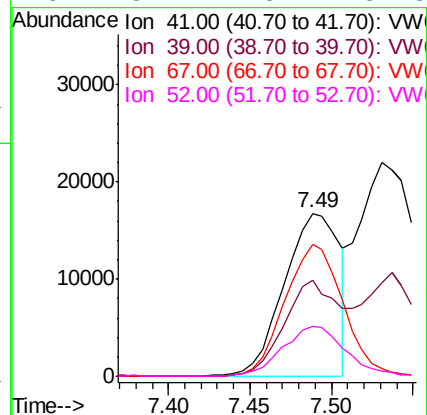
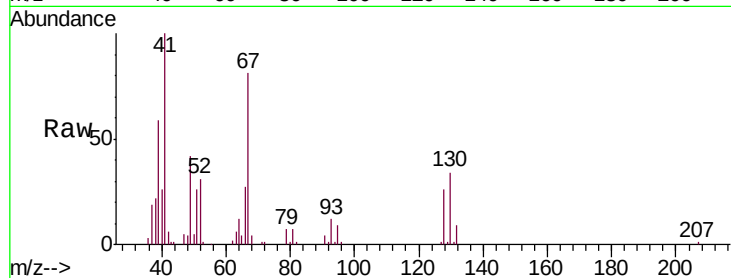




#41
Methacrylonitrile
Concen: 52.530 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

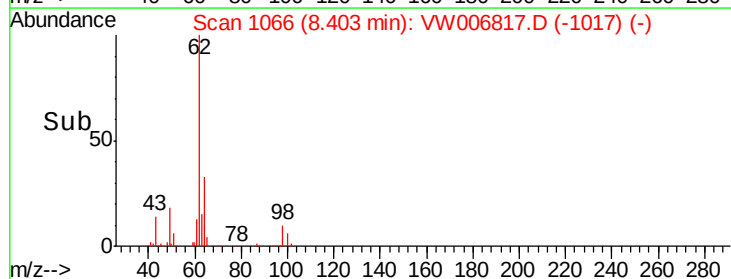
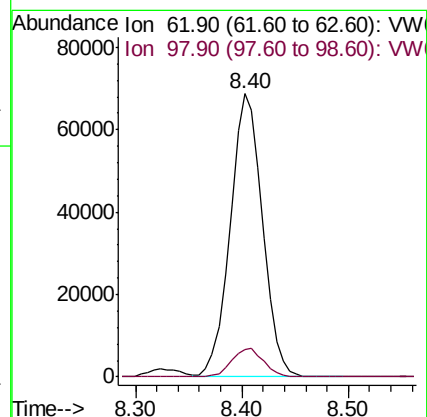
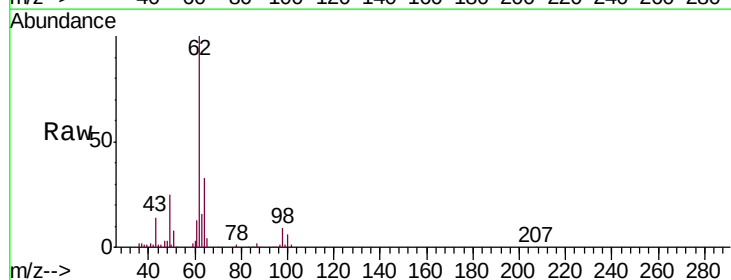
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

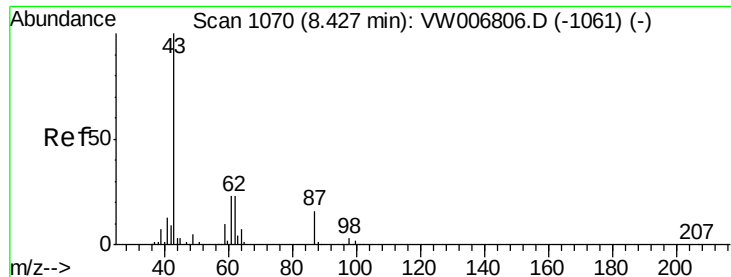
Tgt Ion:	41	Resp:	39606
Ion	Ratio	Lower	Upper
41	100		
39	62.2	48.1	72.1
67	85.5	61.4	92.2
52	34.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 52.092 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion:	62	Resp:	145735
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 57.781 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

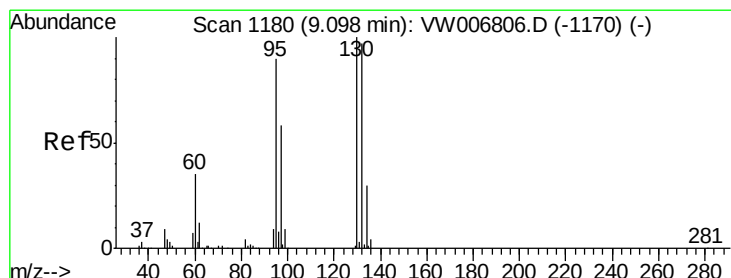
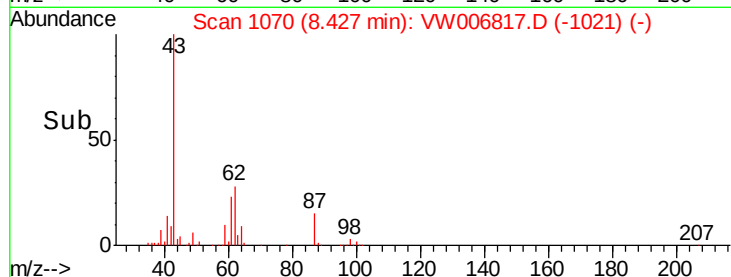
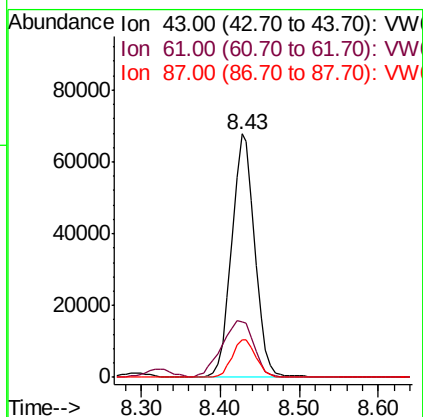
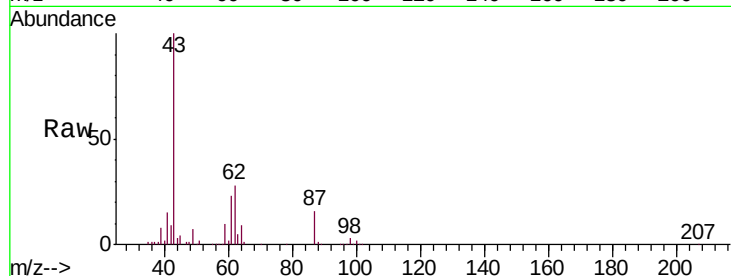
Tgt Ion: 43 Resp: 137991

Ion Ratio Lower Upper

43 100

61 32.5 27.0 40.4

87 16.2 13.0 19.4



#44

Trichloroethene

Concen: 48.310 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006817.D

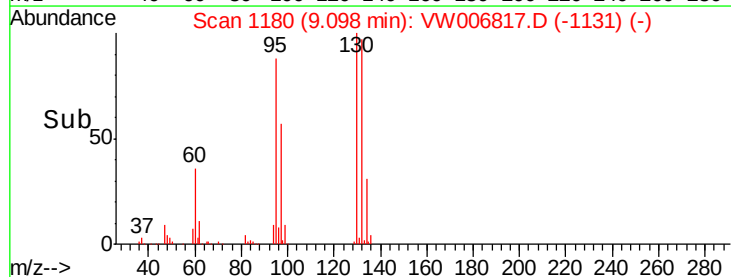
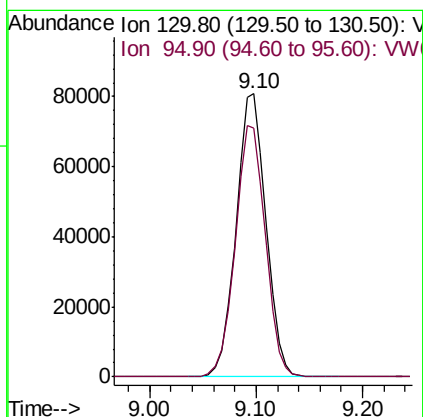
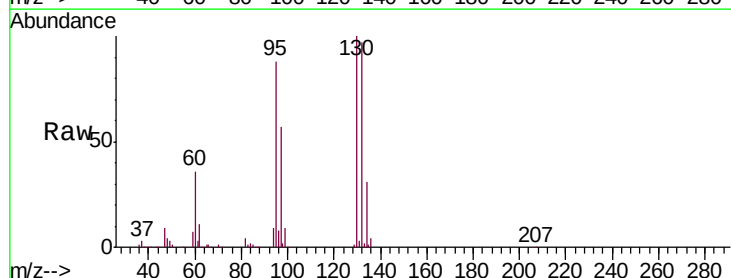
Acq: 12 Nov 2018 19:56

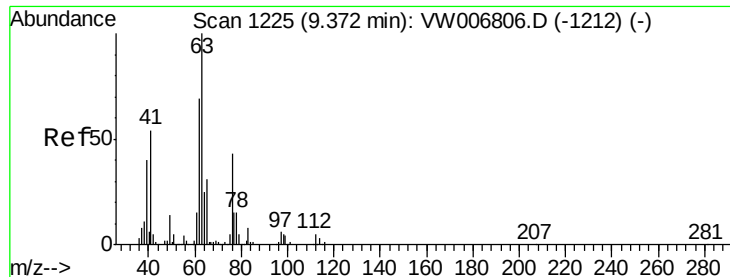
Tgt Ion: 130 Resp: 159174

Ion Ratio Lower Upper

130 100

95 88.0 0.0 180.2

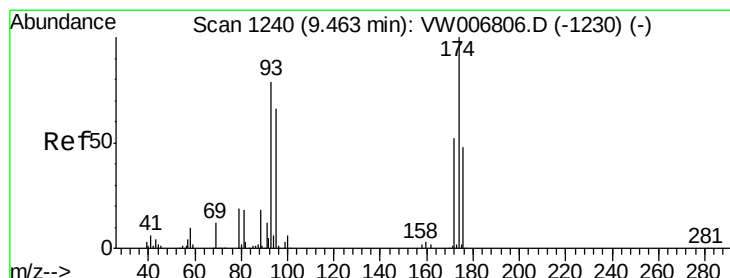
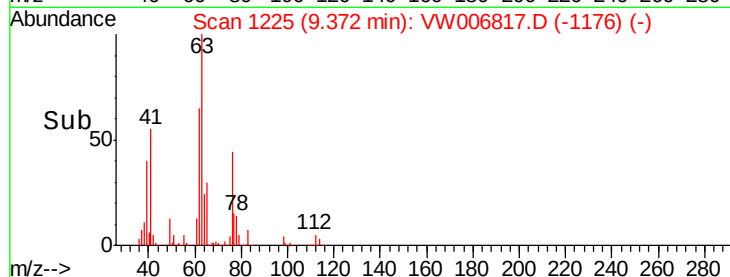
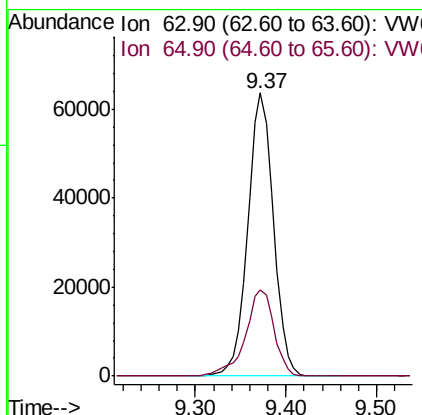
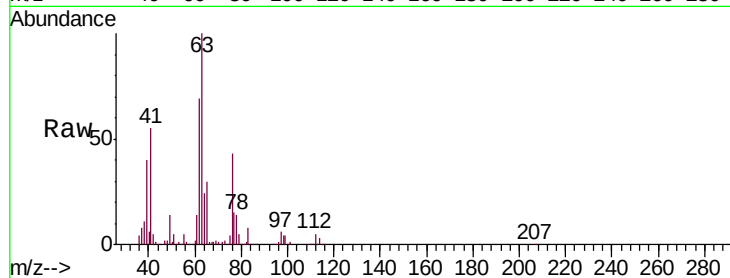




#45
 1,2-Dichloropropane
 Concen: 51.236 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

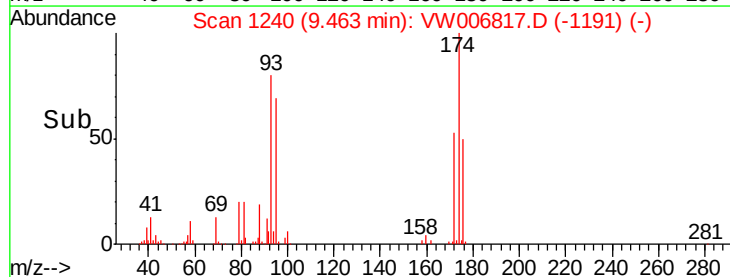
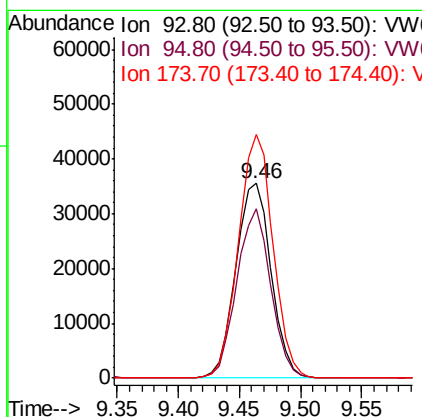
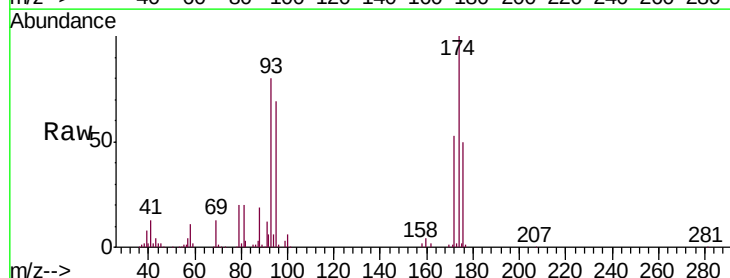
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

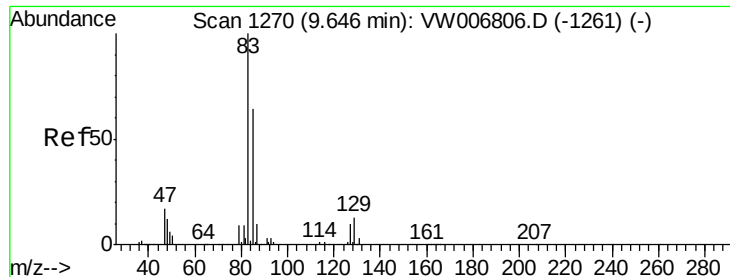
Tgt Ion: 63 Resp: 124694
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 52.513 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 93 Resp: 71139
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 122.8 98.6 147.8





#47

Bromodichloromethane

Concen: 50.975 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

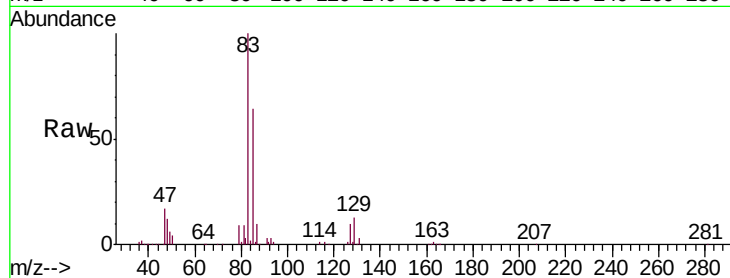
Tgt Ion: 83 Resp: 171286

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

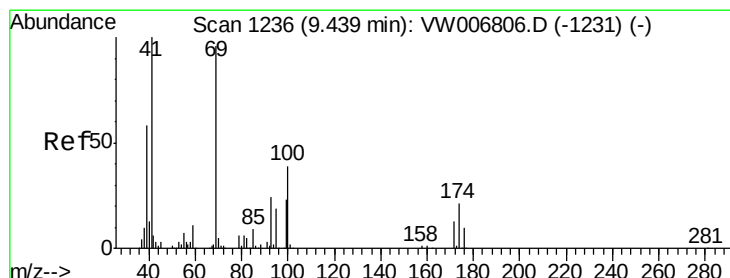
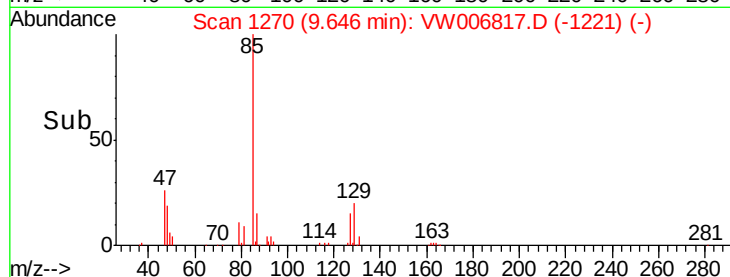
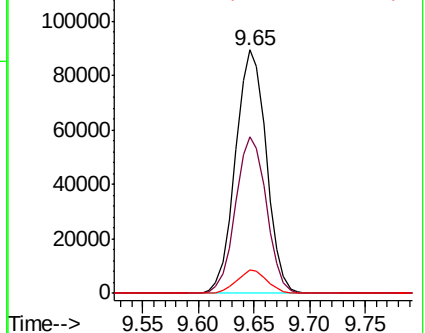
127 9.5 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 57.354 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

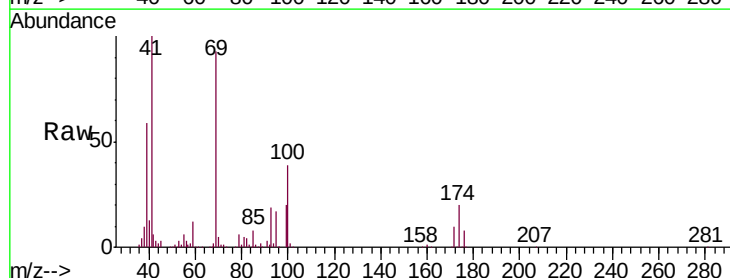
Tgt Ion: 41 Resp: 67154

Ion Ratio Lower Upper

41 100

69 99.8 79.8 119.6

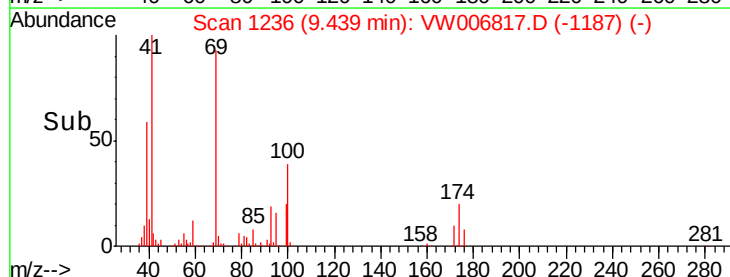
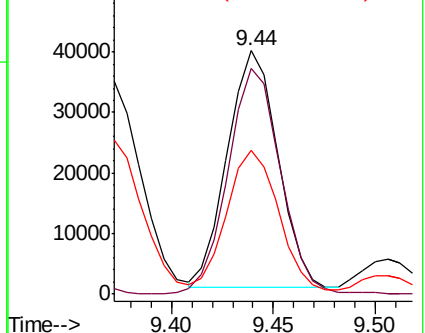
39 59.7 45.9 68.9

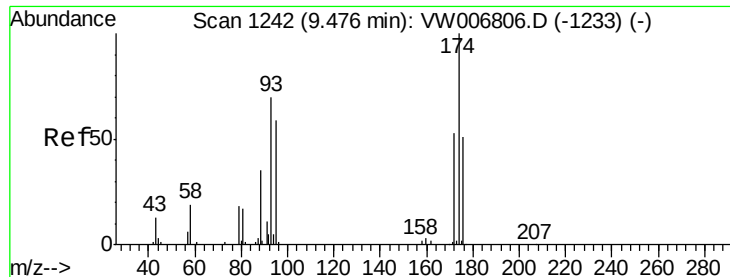


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

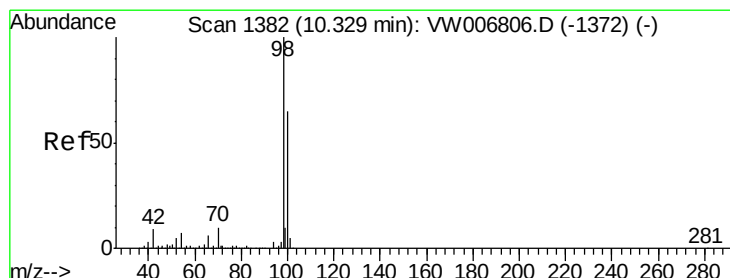
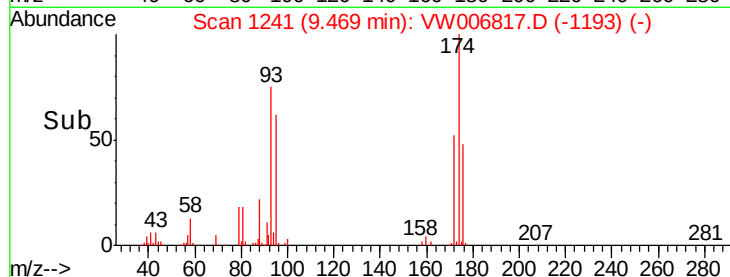
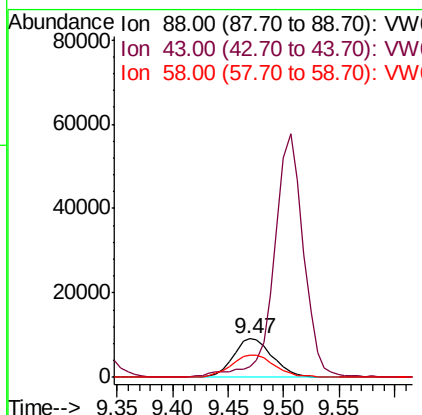
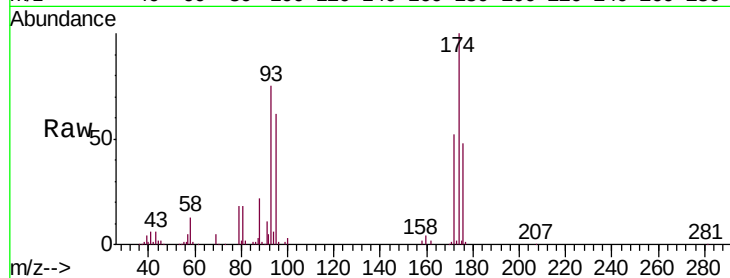




#49
1,4-Dioxane
Concen: 1098.002 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

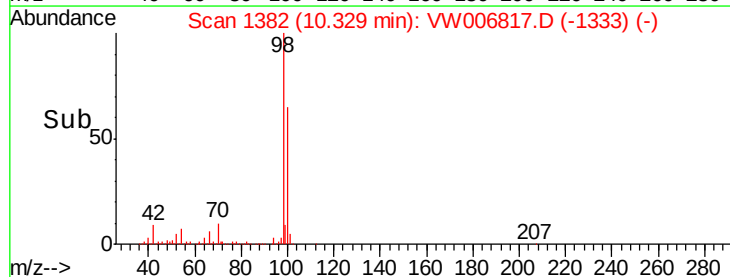
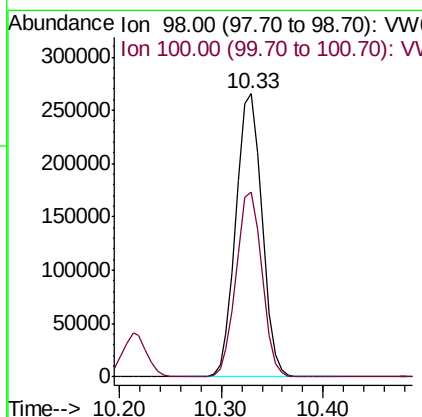
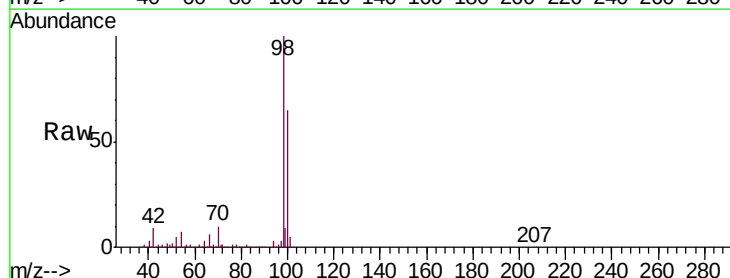
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

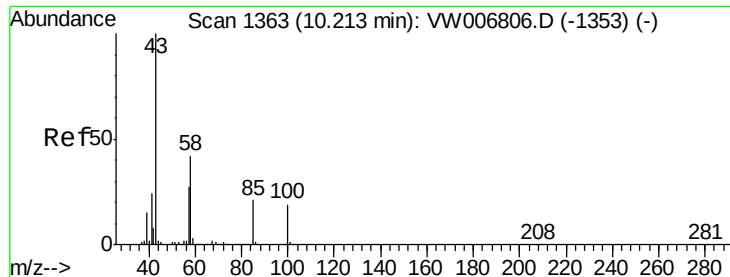
Tgt Ion: 88 Resp: 22473
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.0 50.6 75.8



#50
Toluene-d8
Concen: 47.468 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 98 Resp: 470140
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 303.403 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

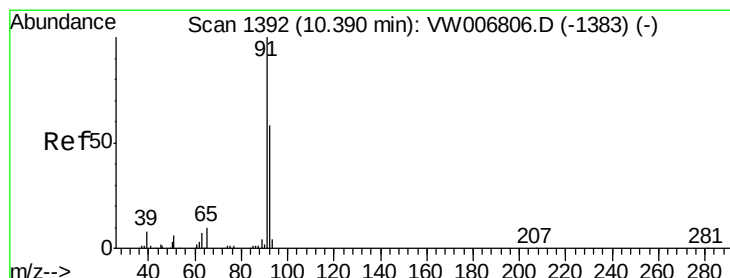
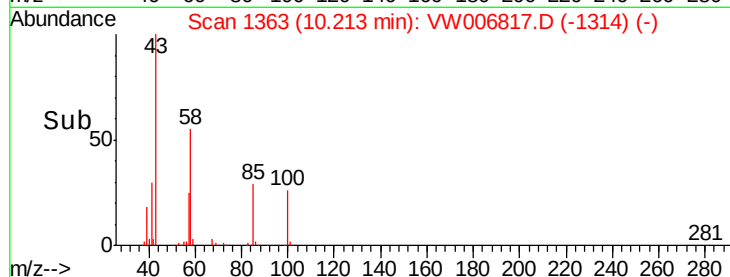
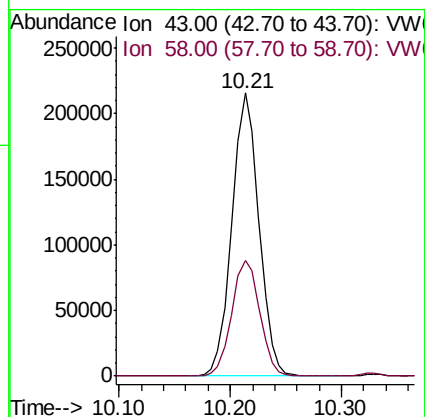
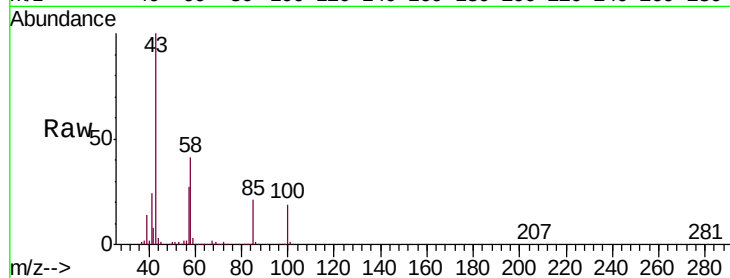
EP2-SB-104(15-17)MS

Tgt Ion: 43 Resp: 363322

Ion Ratio Lower Upper

43 100

58 42.3 34.0 51.0



#52

Toluene

Concen: 52.854 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006817.D

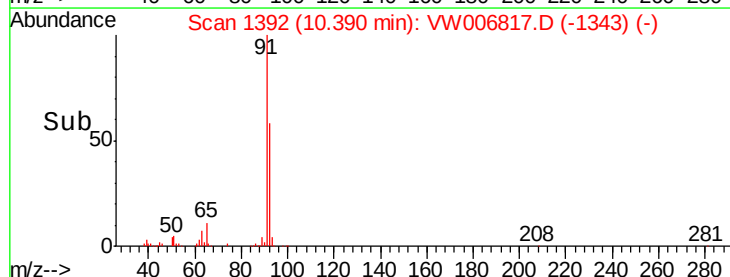
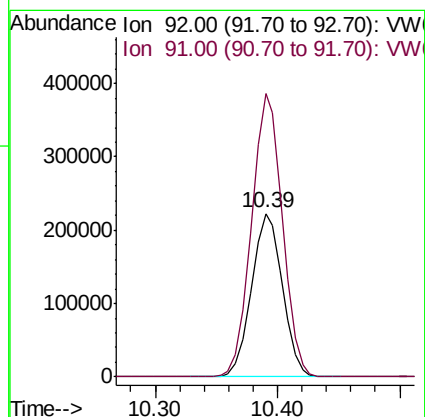
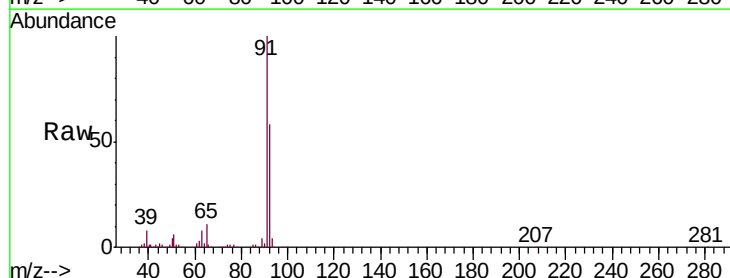
Acq: 12 Nov 2018 19:56

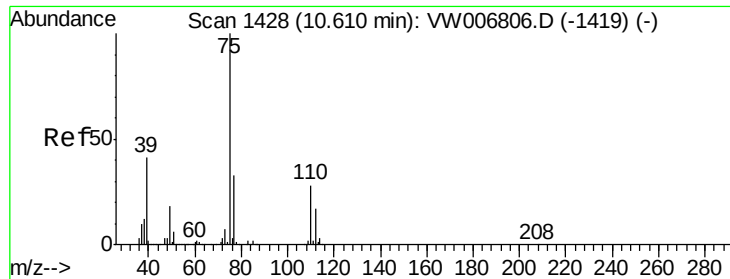
Tgt Ion: 92 Resp: 391266

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 53.582 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

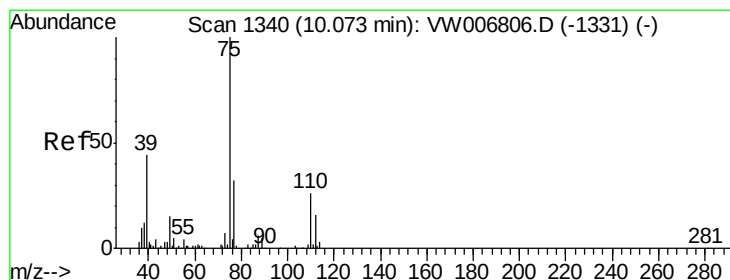
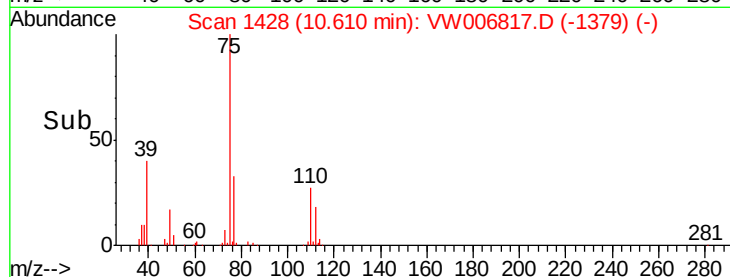
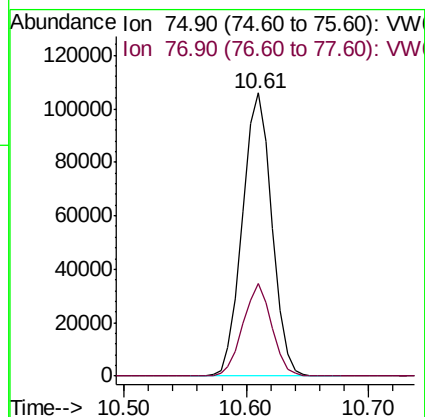
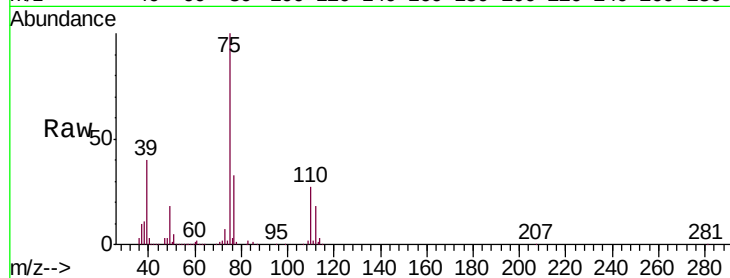
EP2-SB-104(15-17)MS

Tgt Ion: 75 Resp: 177248

Ion Ratio Lower Upper

75 100

77 32.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 52.163 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

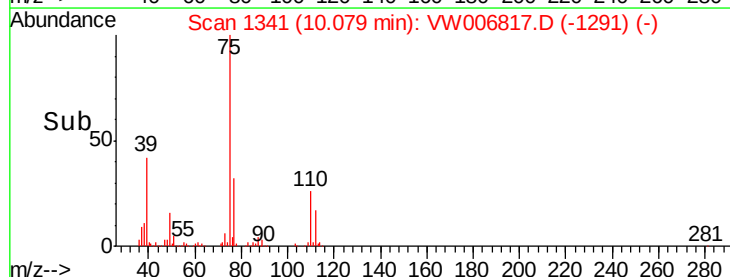
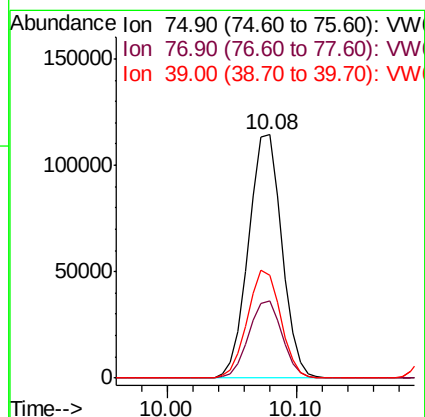
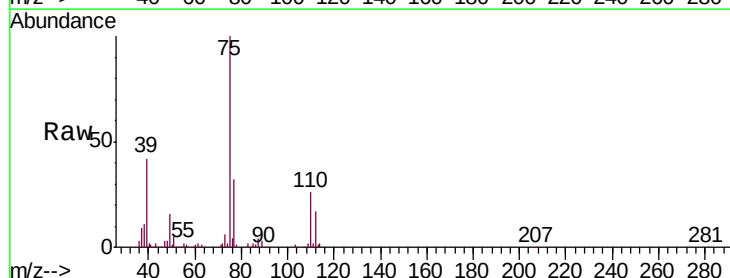
Tgt Ion: 75 Resp: 204610

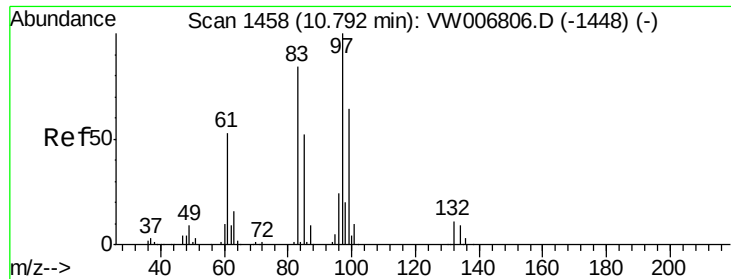
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 42.2 35.3 52.9

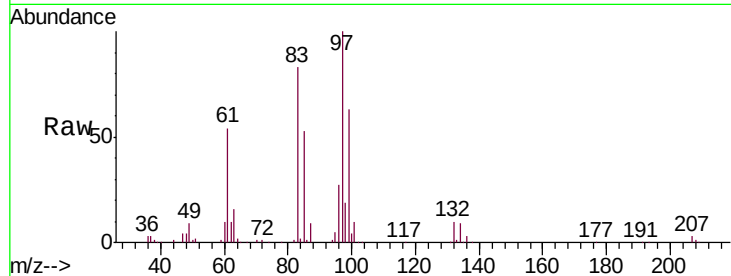




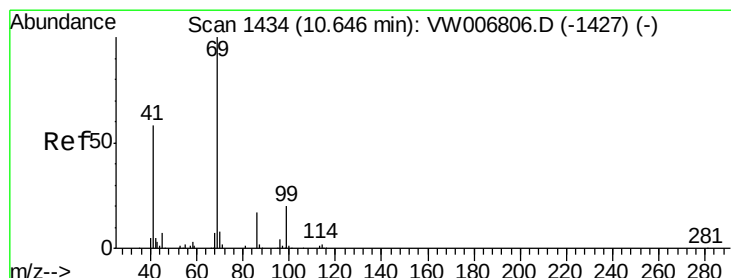
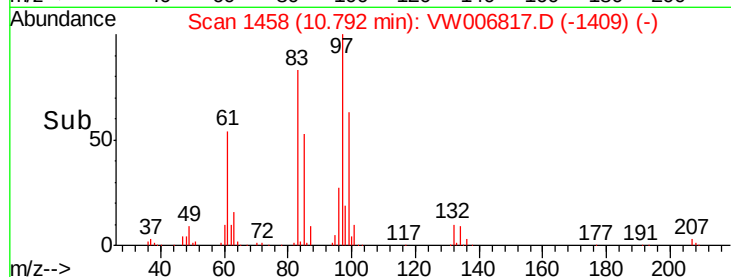
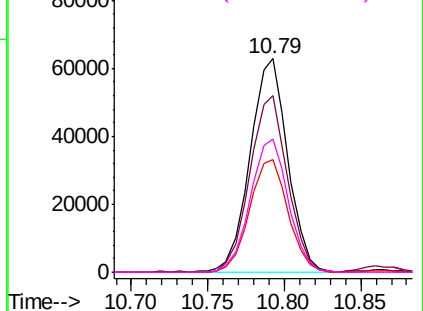
#55
 1,1,2-Trichloroethane
 Concen: 53.774 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tgt Ion:	97	Resp:	108098
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.0	100.4
85	52.7	41.7	62.5
99	62.6	50.8	76.2

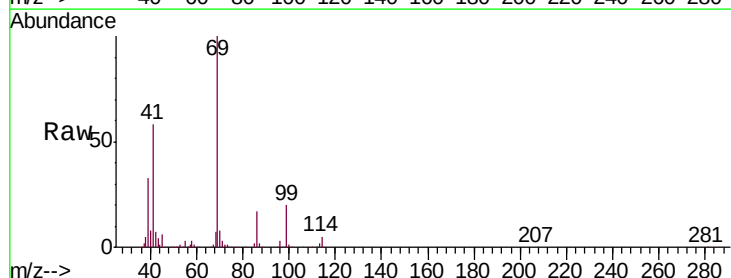


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

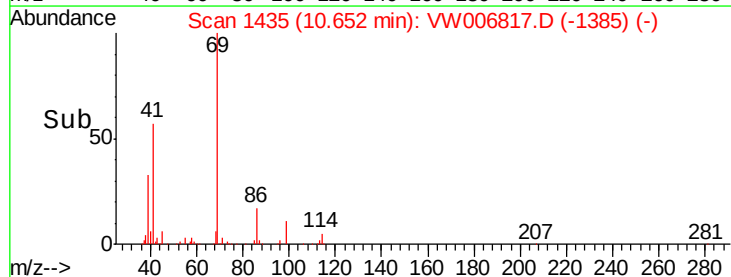
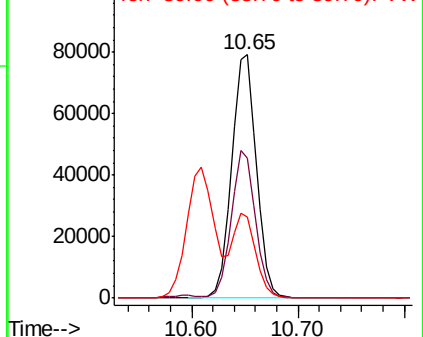


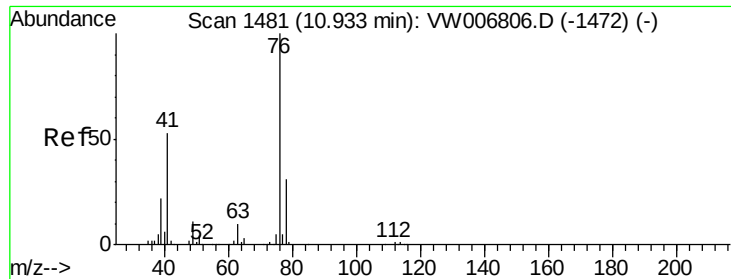
#56
 Ethyl methacrylate
 Concen: 58.666 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion:	69	Resp:	129249
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.0	70.4
39	33.9	23.1	34.7



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

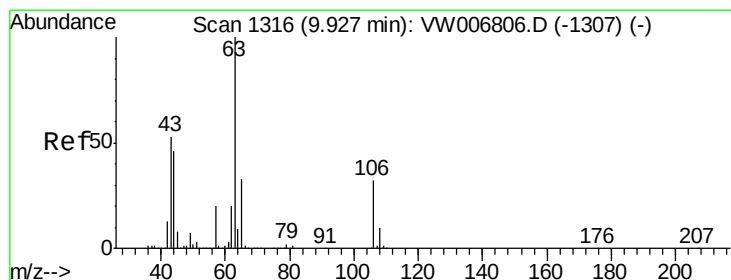
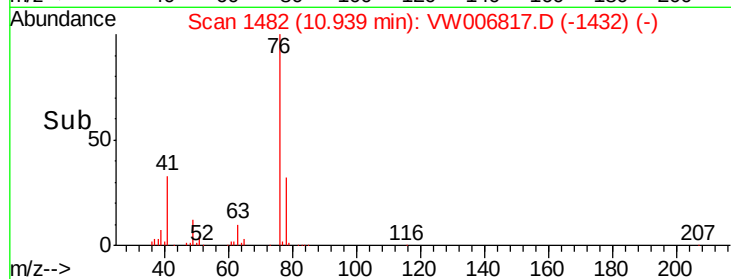
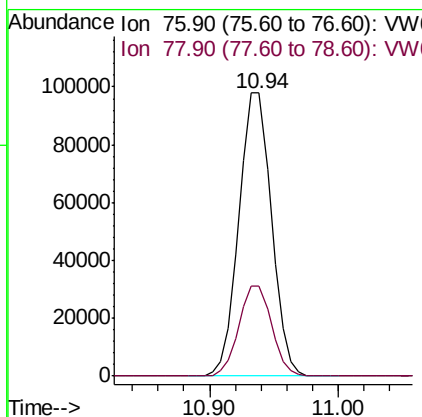
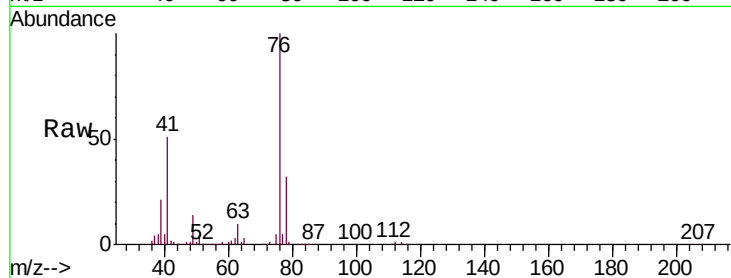




#57
 1,3-Dichloropropane
 Concen: 53.992 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

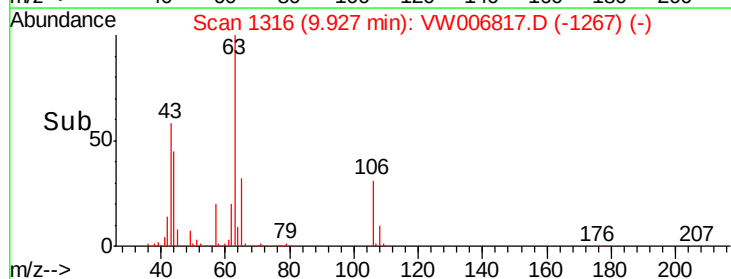
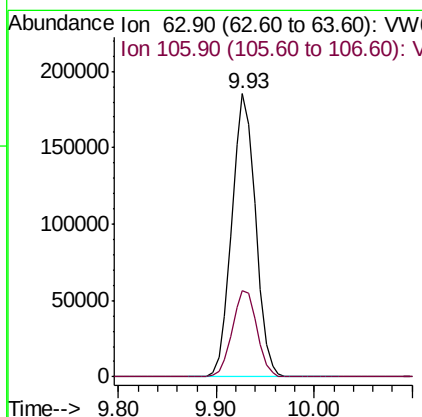
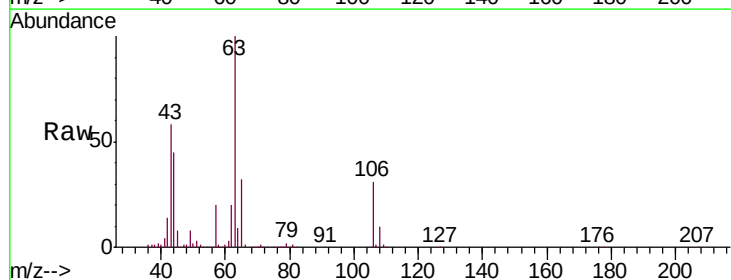
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

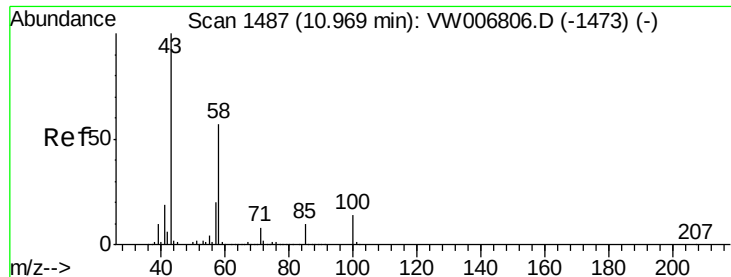
Tgt Ion: 76 Resp: 171888
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.278 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 63 Resp: 312570
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.0

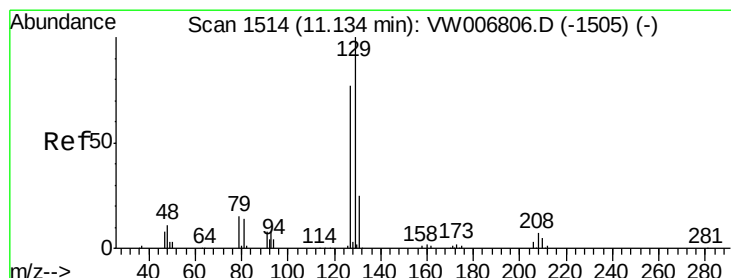
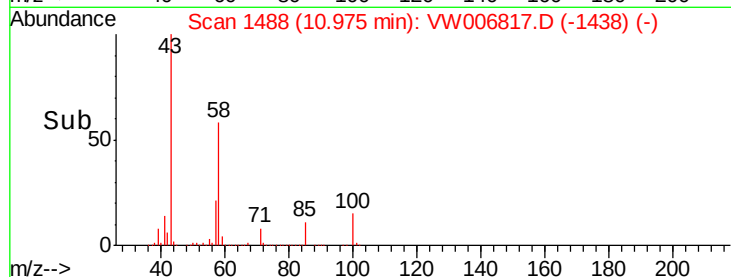
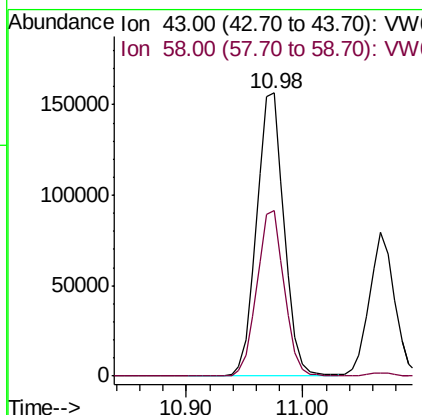
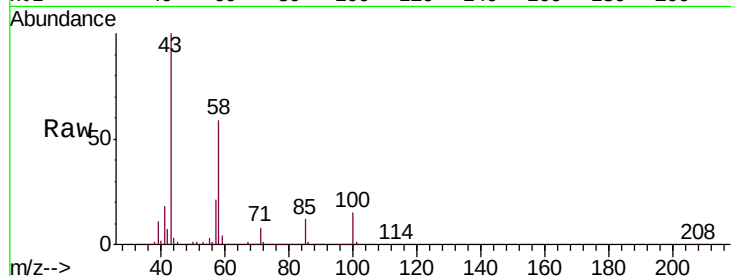




#59
2-Hexanone
Concen: 312.356 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

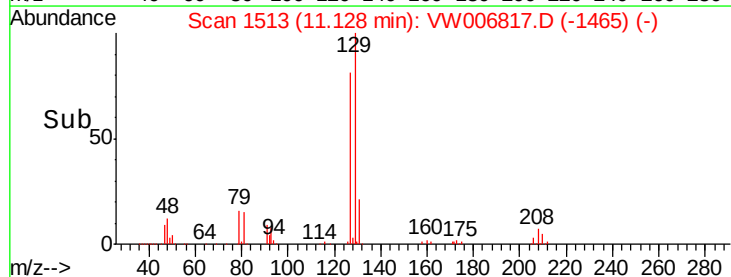
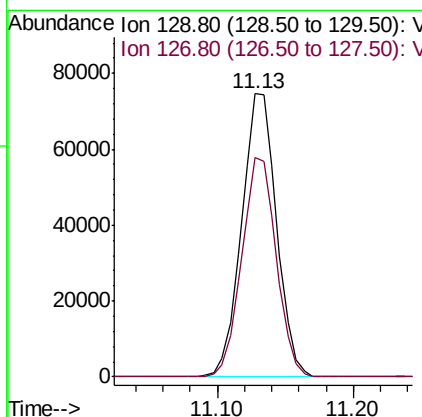
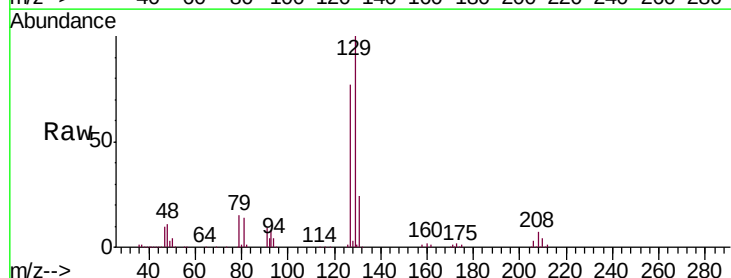
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

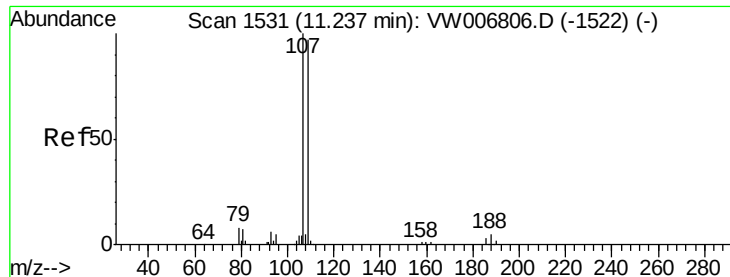
Tgt Ion: 43 Resp: 258001
Ion Ratio Lower Upper
43 100
58 58.3 28.7 86.1



#60
Dibromochloromethane
Concen: 54.403 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 129 Resp: 133820
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

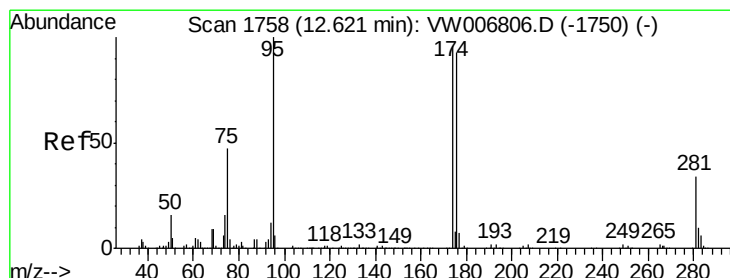
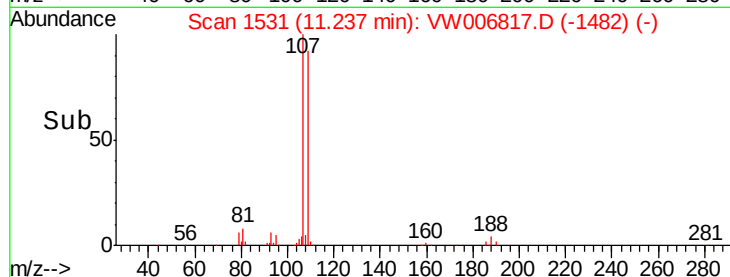
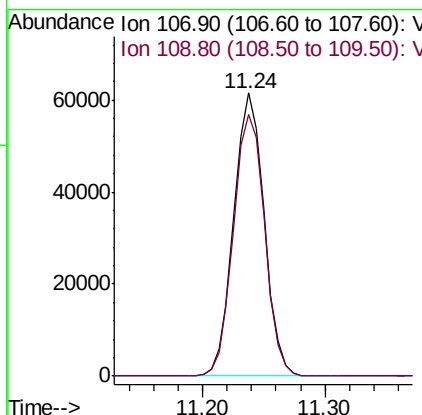
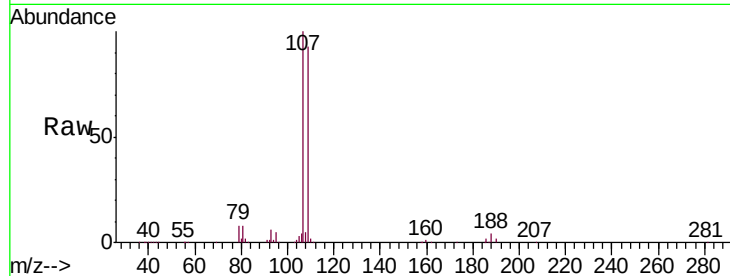




#61
 1,2-Dibromoethane
 Concen: 55.343 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

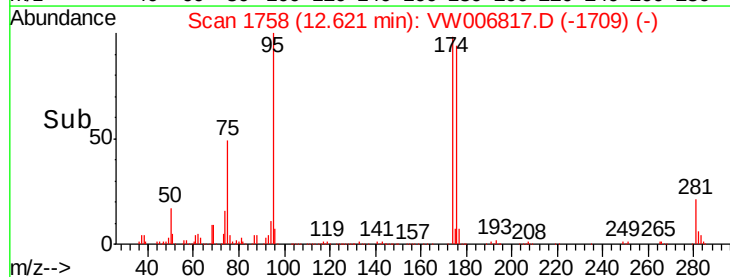
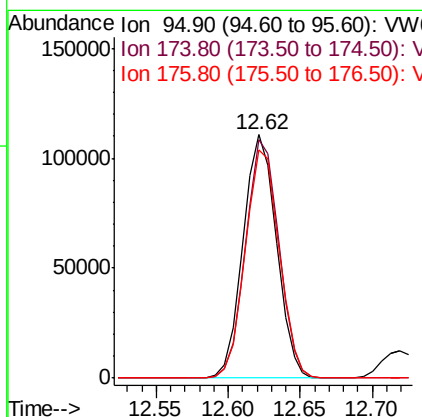
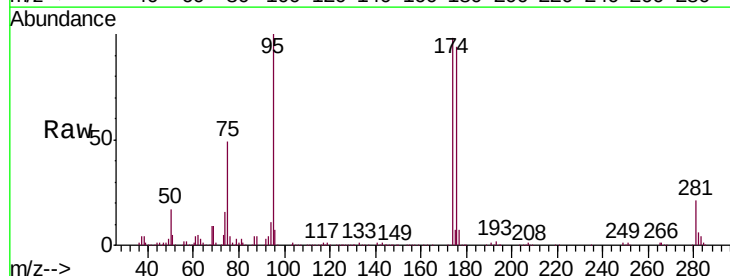
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

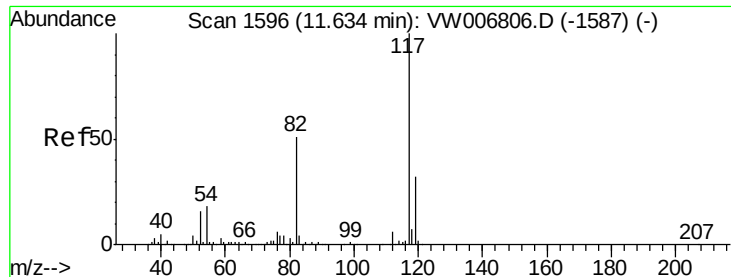
Tgt Ion: 107 Resp: 105661
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 48.747 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 95 Resp: 177821
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 196.6
 176 95.0 0.0 191.6

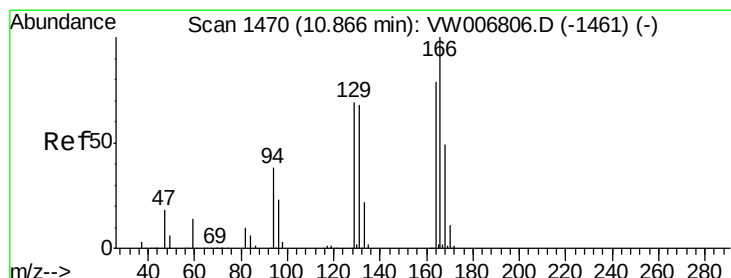
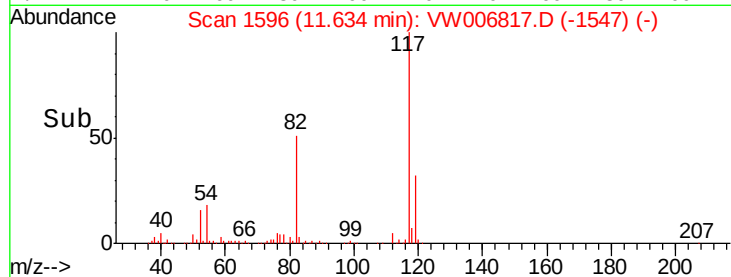
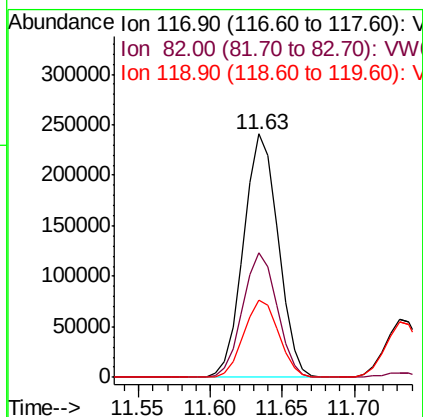
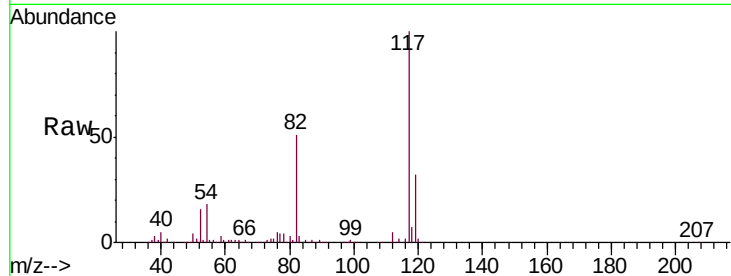




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

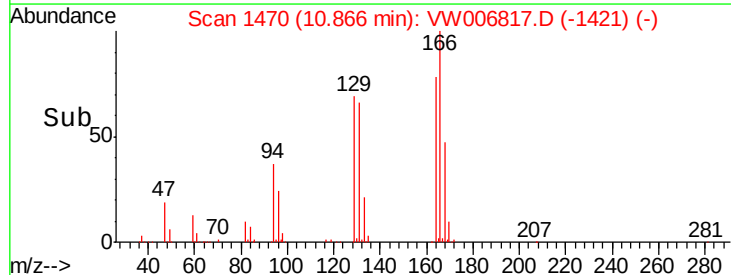
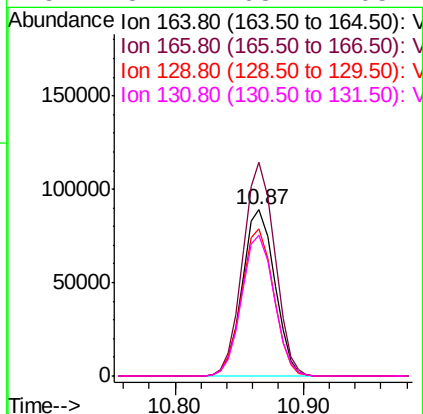
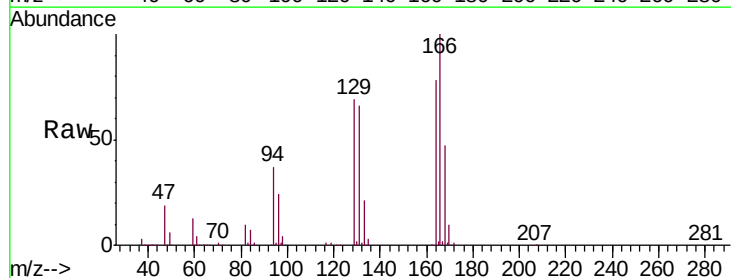
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

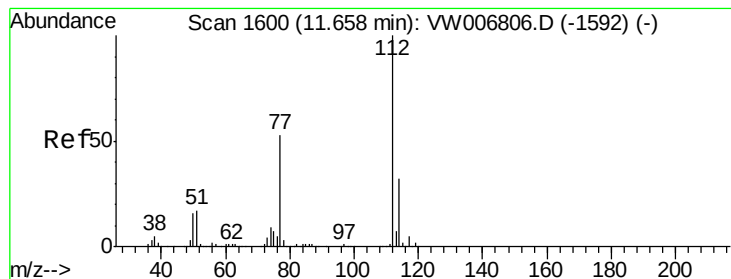
Tgt Ion:117 Resp: 401341
Ion Ratio Lower Upper
117 100
82 51.4 40.6 61.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 48.099 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion:164 Resp: 154696
Ion Ratio Lower Upper
164 100
166 128.5 101.3 151.9
129 88.5 69.6 104.4
131 84.7 68.7 103.1





#65

Chlorobenzene

Concen: 50.183 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

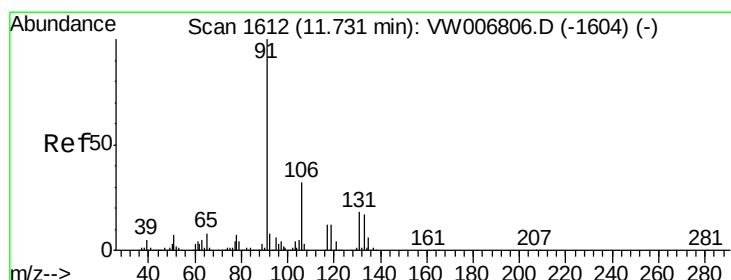
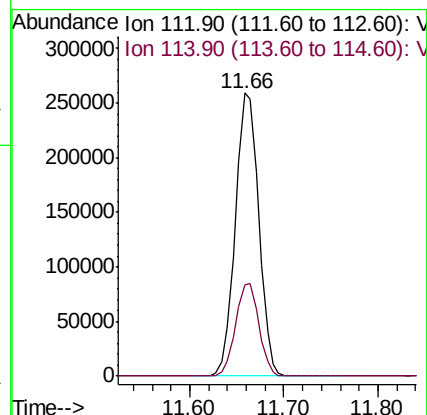
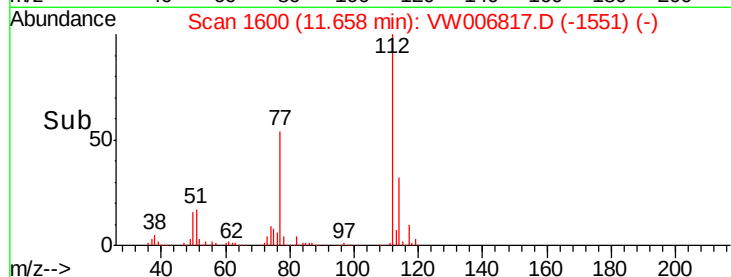
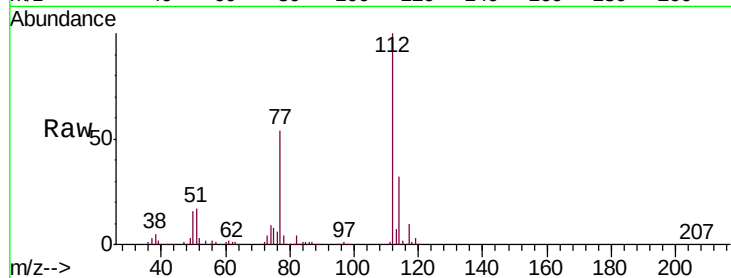
EP2-SB-104(15-17)MS

Tgt Ion:112 Resp: 446814

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.037 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

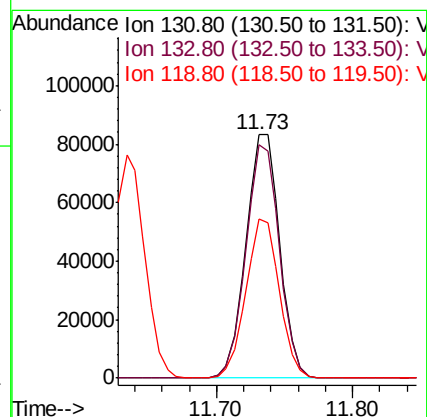
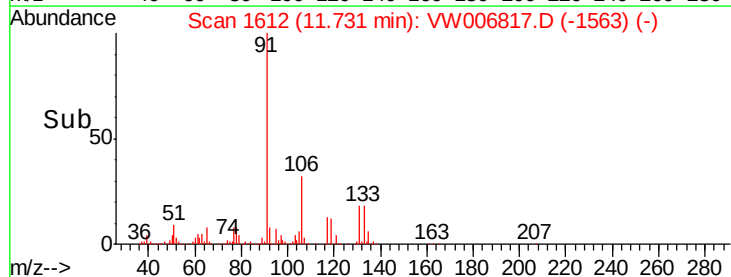
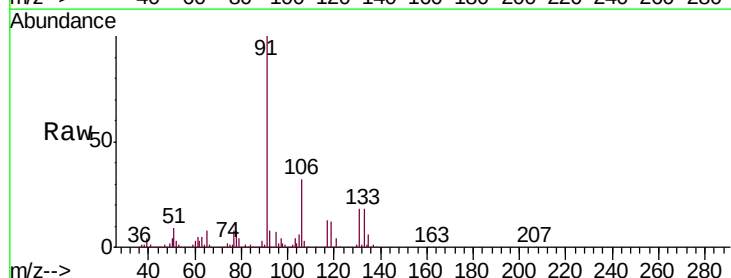
Tgt Ion:131 Resp: 144565

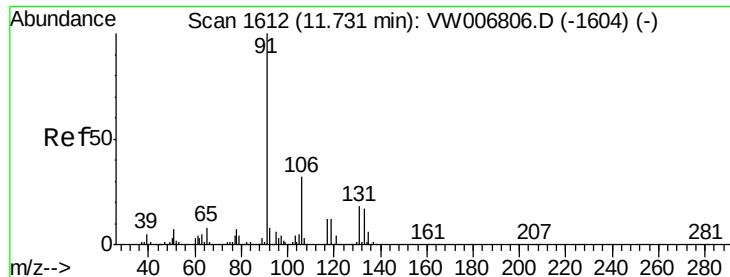
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.8

119 64.6 32.4 97.2

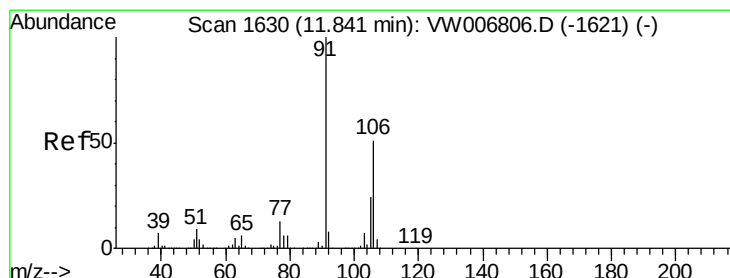
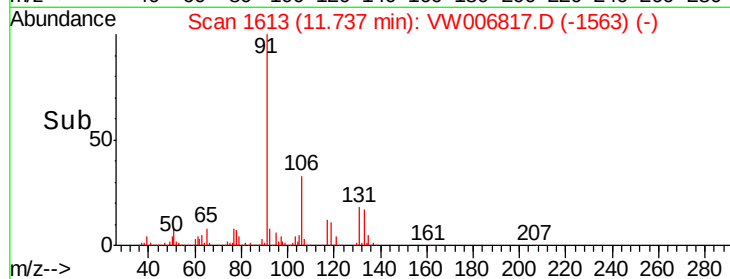
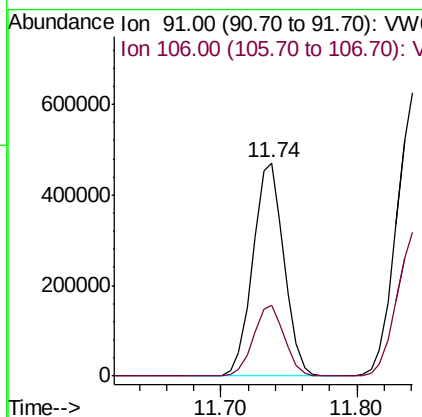
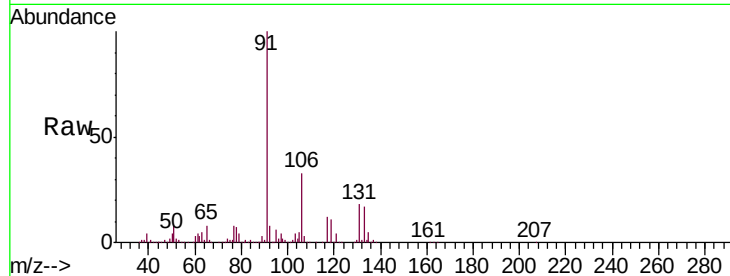




#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

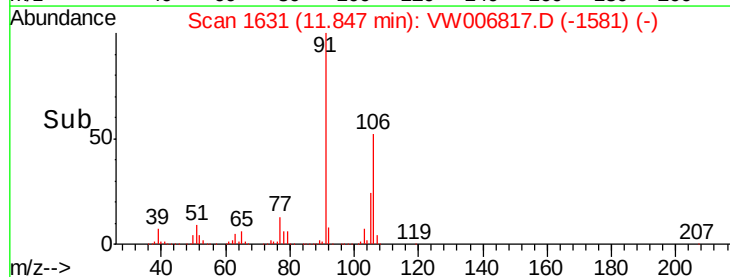
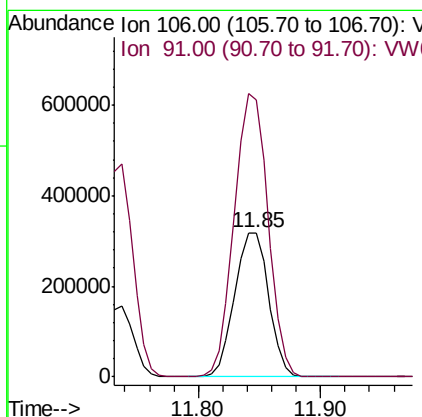
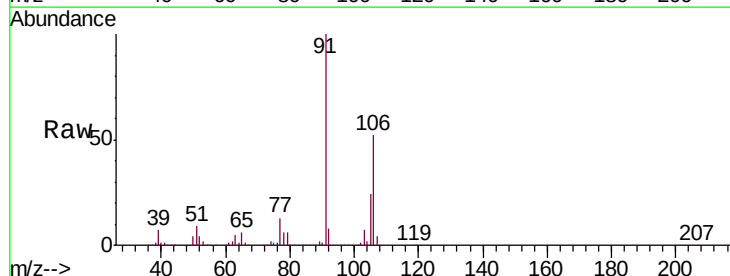
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

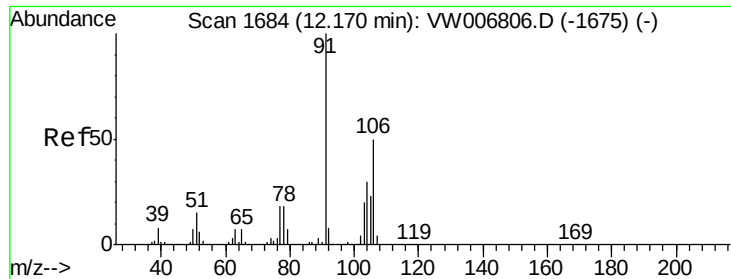
Tgt Ion: 91 Resp: 757147
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0



#68
m/p-Xylenes
Concen: 98.888 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 106 Resp: 614143
Ion Ratio Lower Upper
106 100
91 195.3 155.7 233.5

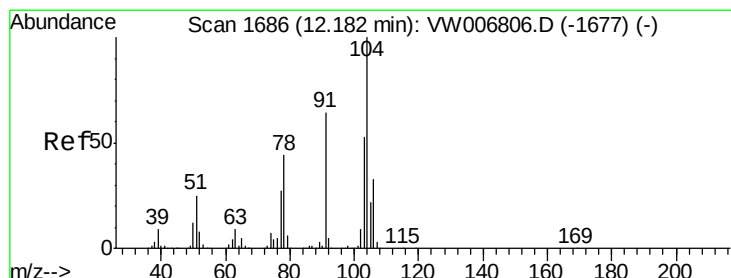
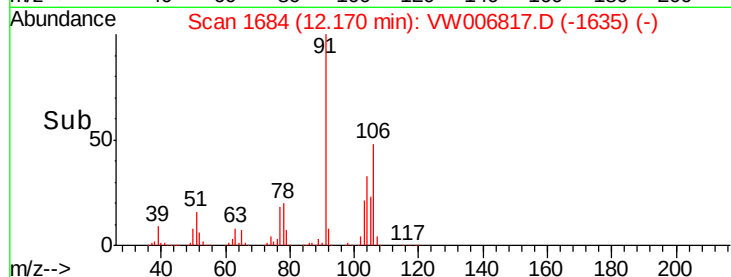
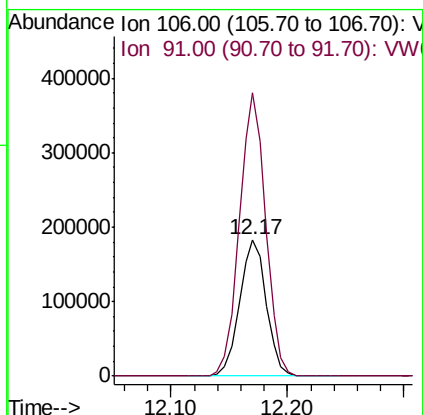
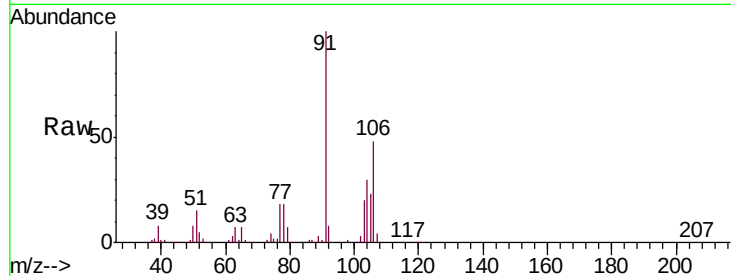




#69
o-Xylene
Concen: 50.463 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

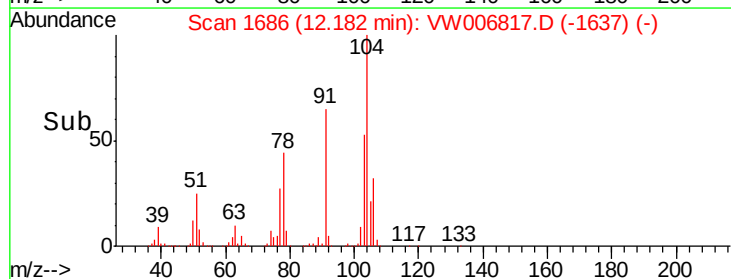
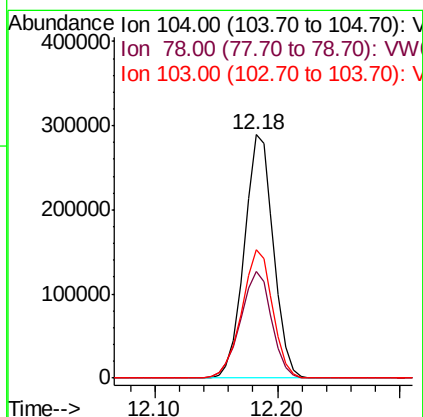
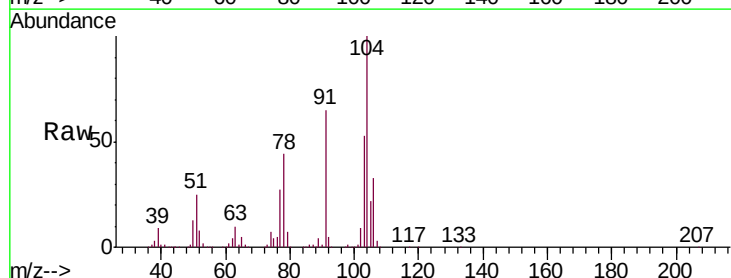
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

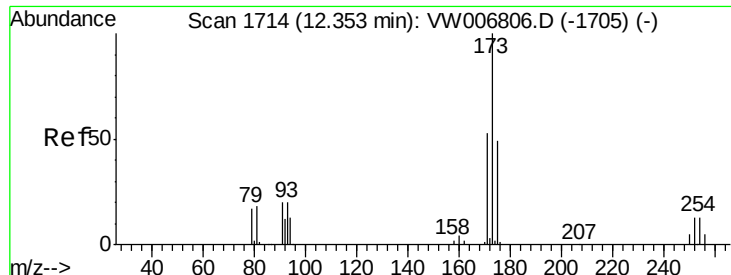
Tgt Ion:106 Resp: 291676
Ion Ratio Lower Upper
106 100
91 204.7 101.9 305.7



#70
Styrene
Concen: 51.546 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion:104 Resp: 476863
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 55.9 44.6 66.8





#71

Bromoform

Concen: 54.984 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

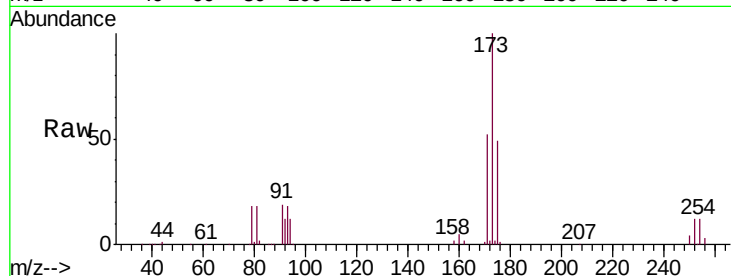
Tgt Ion:173 Resp: 86695

Ion Ratio Lower Upper

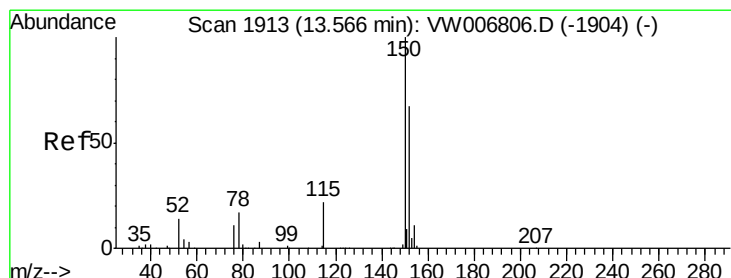
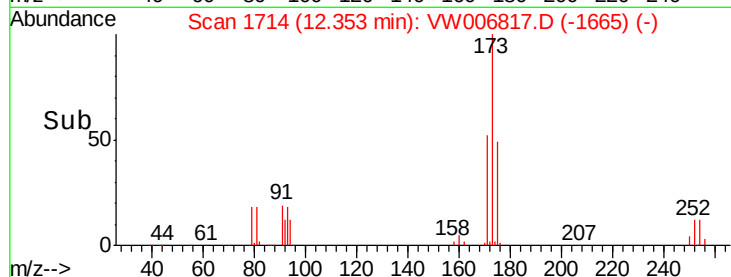
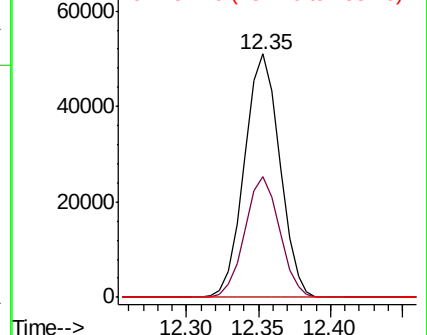
173 100

175 48.6 24.4 73.4

254 0.0 0.1 0.1#



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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

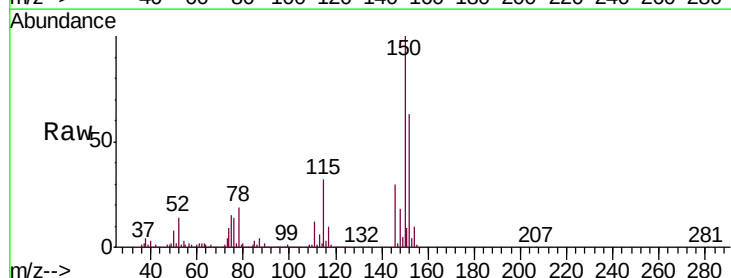
Tgt Ion:152 Resp: 232185

Ion Ratio Lower Upper

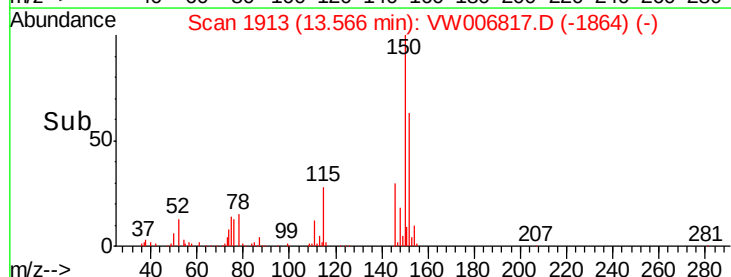
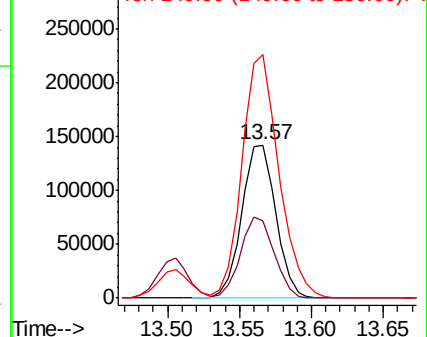
152 100

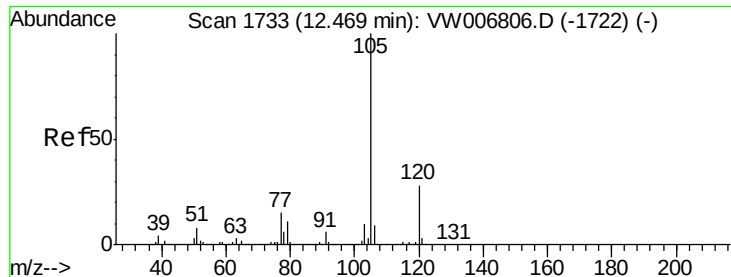
115 52.6 27.3 81.8

150 172.4 0.0 353.0



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

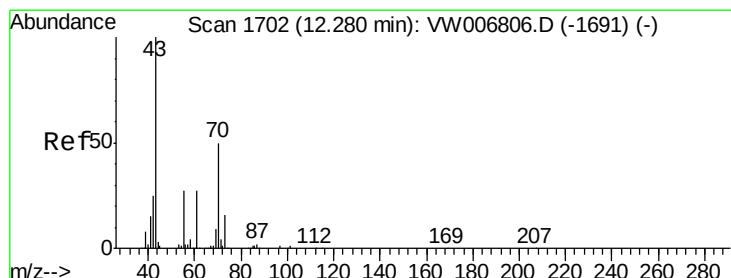
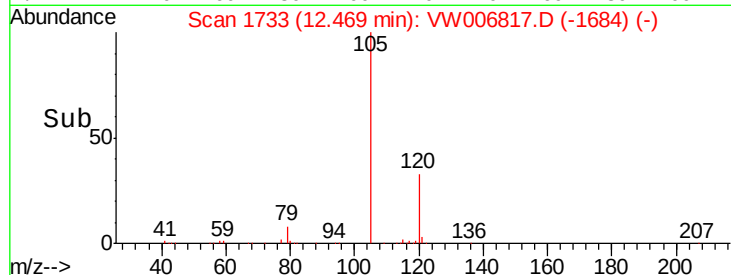
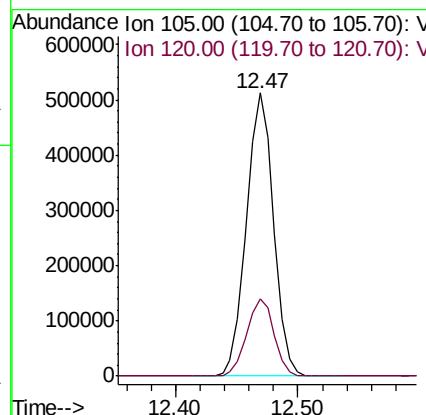
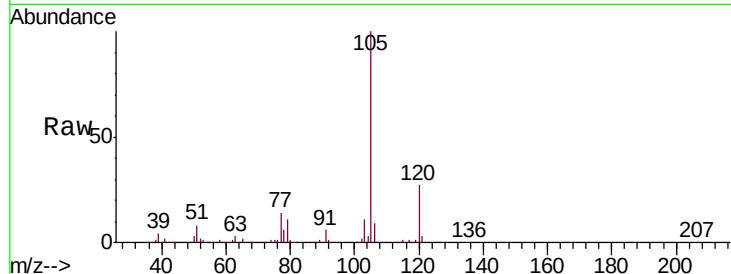




#73
Isopropylbenzene
Concen: 48.815 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

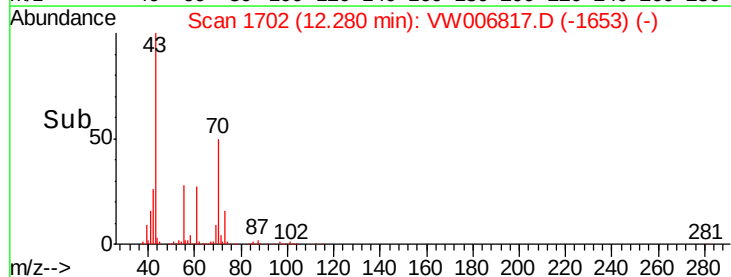
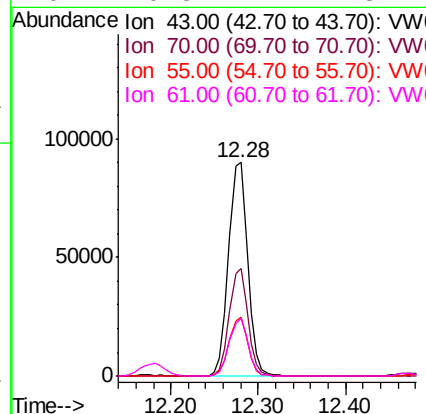
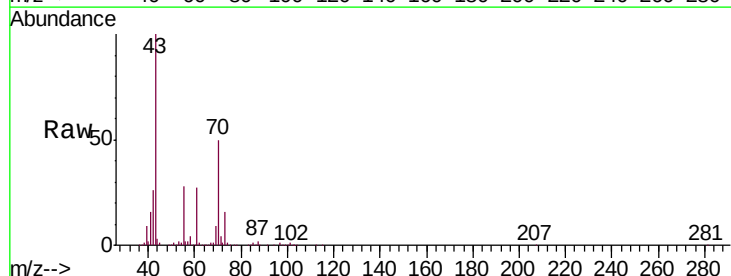
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

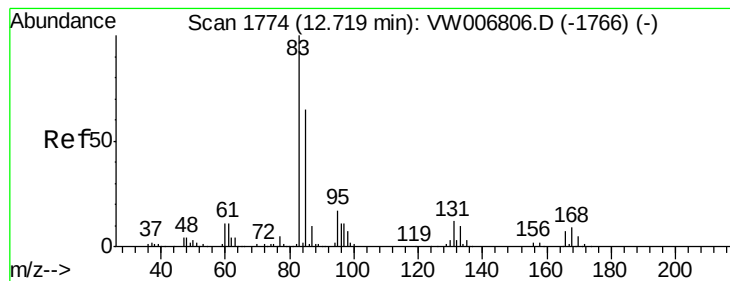
Tgt Ion: 105 Resp: 786736
Ion Ratio Lower Upper
105 100
120 27.7 14.0 42.0



#74
N-ethyl acetate
Concen: 56.438 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 43 Resp: 137535
Ion Ratio Lower Upper
43 100
70 48.6 39.0 58.4
55 27.1 22.1 33.1
61 26.3 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.604 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

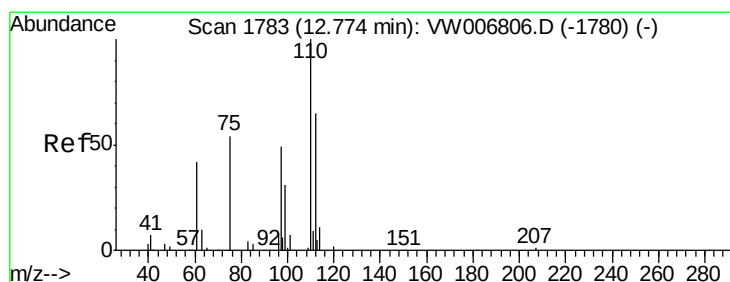
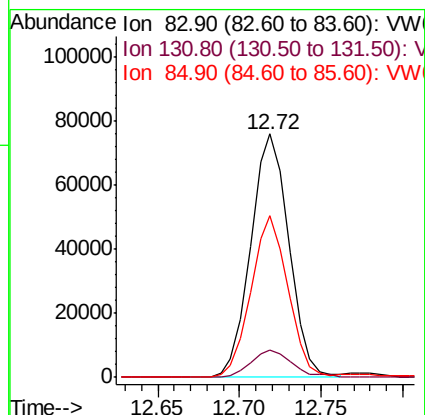
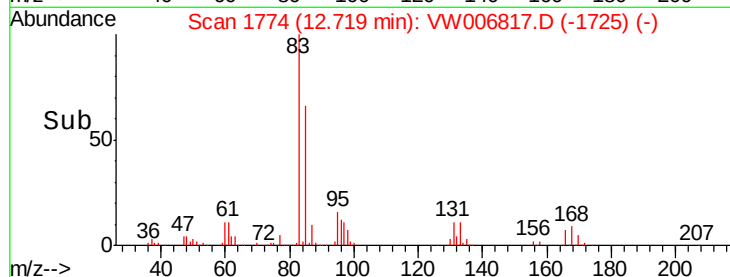
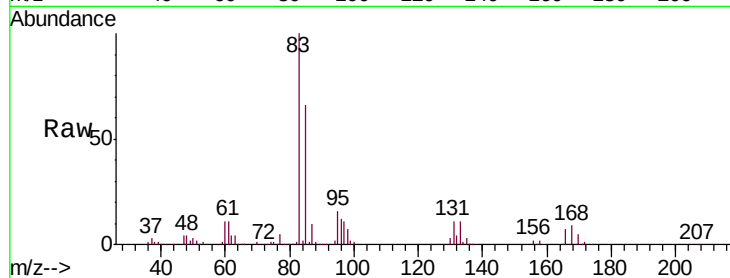
Tgt Ion: 83 Resp: 123969

Ion Ratio Lower Upper

83 100

131 12.0 6.1 18.3

85 64.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 96.867 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006817.D

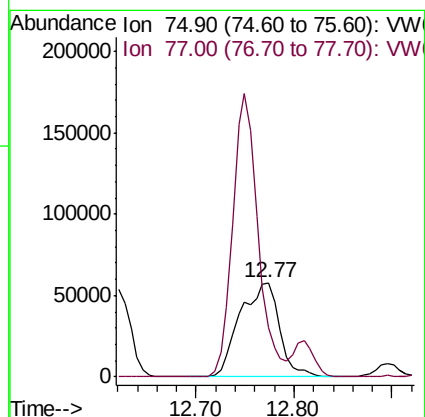
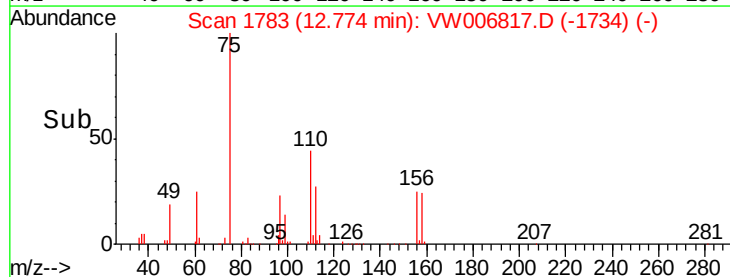
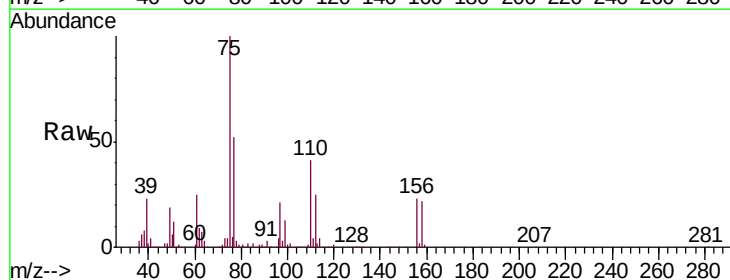
Acq: 12 Nov 2018 19:56

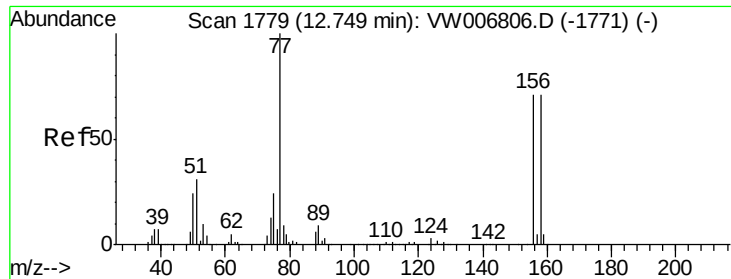
Tgt Ion: 75 Resp: 162085

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

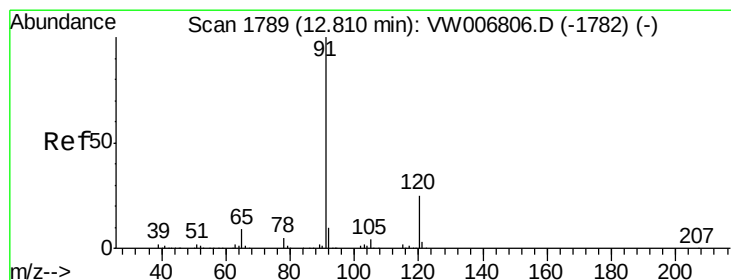
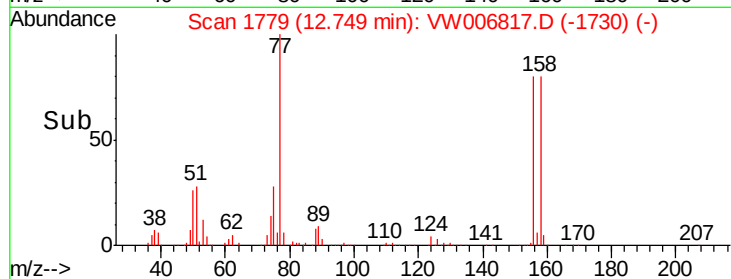
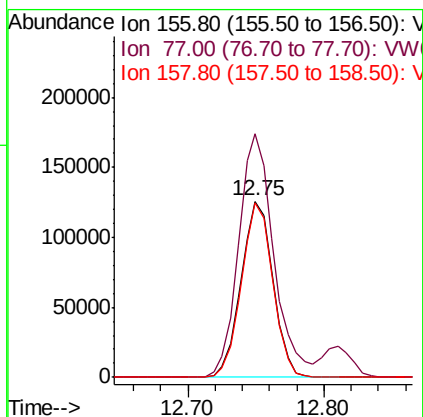
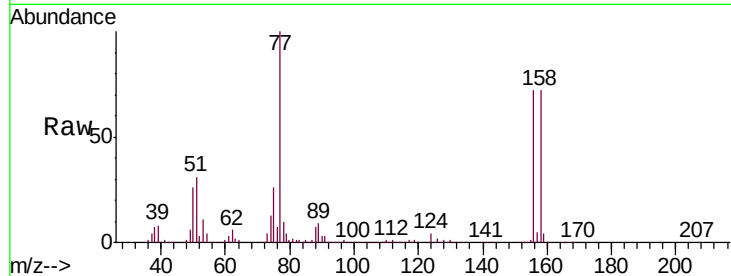




#77
Bromobenzene
Concen: 50.633 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

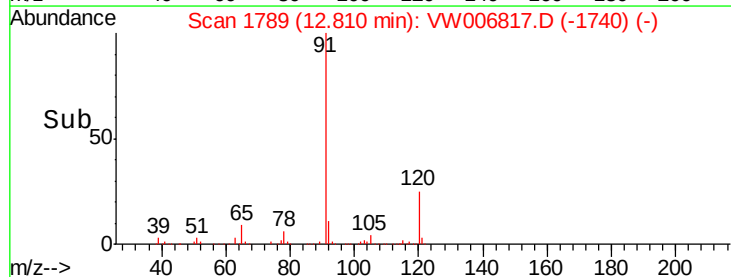
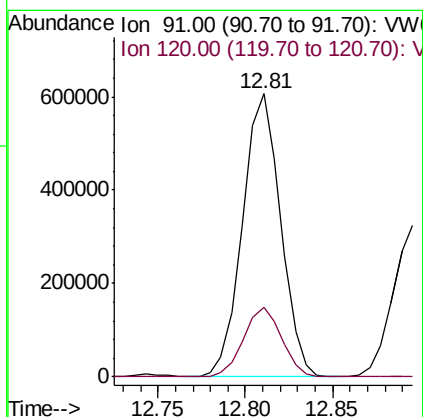
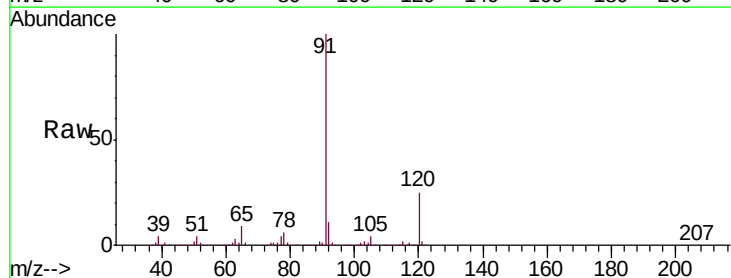
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

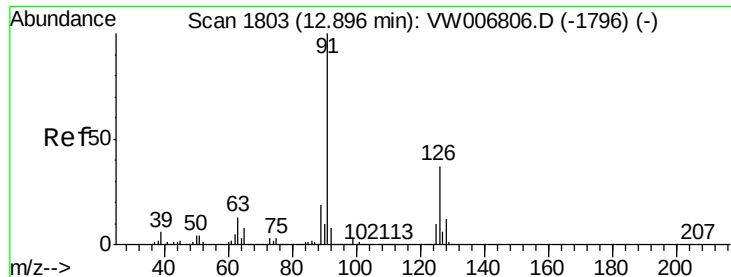
Tgt Ion: 156 Resp: 205739
Ion Ratio Lower Upper
156 100
77 152.6 75.3 225.7
158 97.6 49.2 147.6



#78
n-propylbenzene
Concen: 48.262 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 91 Resp: 918019
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 48.869 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

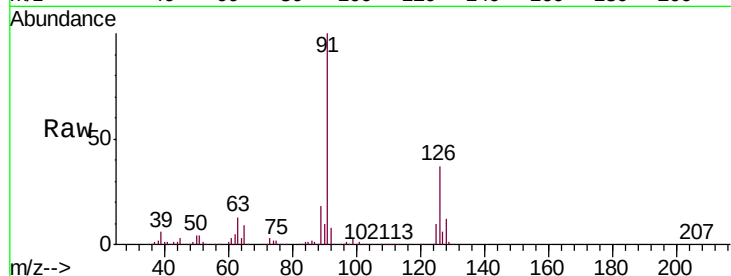
EP2-SB-104(15-17)MS

Tgt Ion: 91 Resp: 521533

Ion Ratio Lower Upper

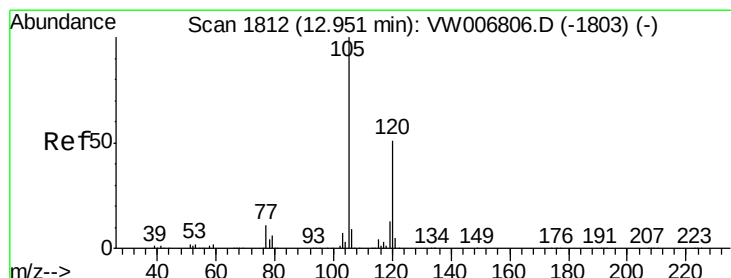
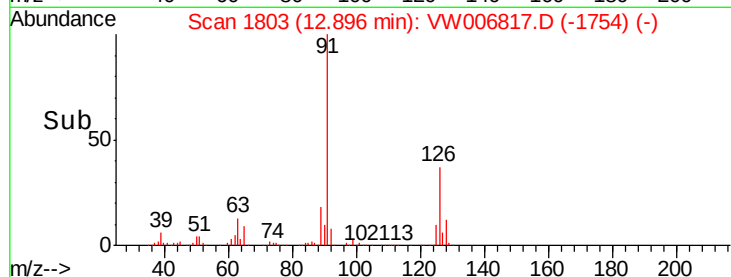
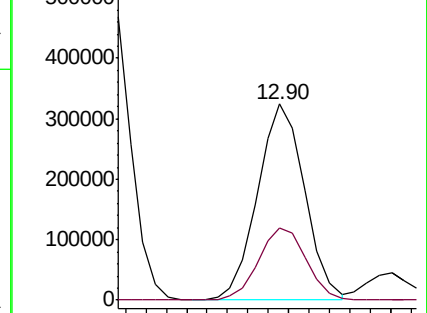
91 100

126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.319 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006817.D

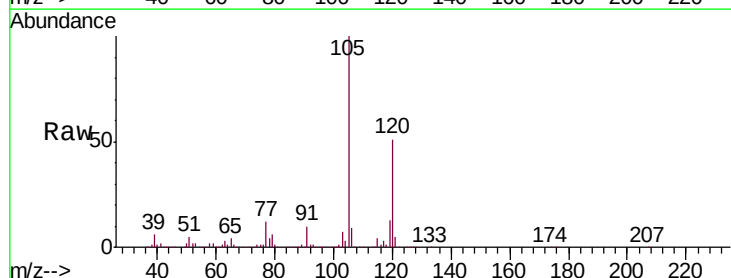
Acq: 12 Nov 2018 19:56

Tgt Ion: 105 Resp: 669462

Ion Ratio Lower Upper

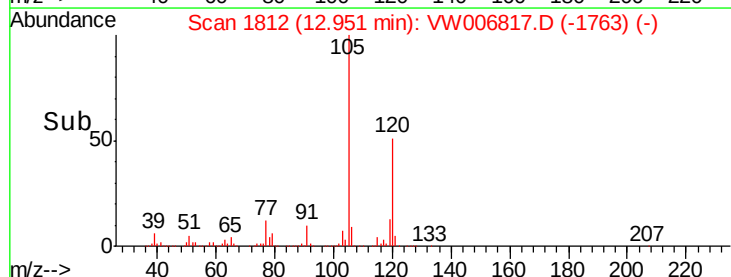
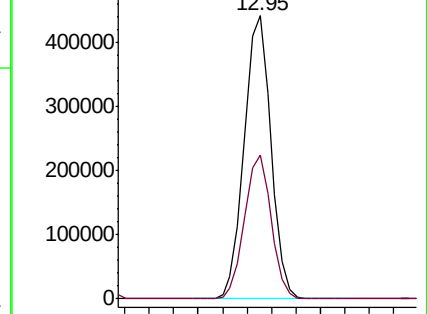
105 100

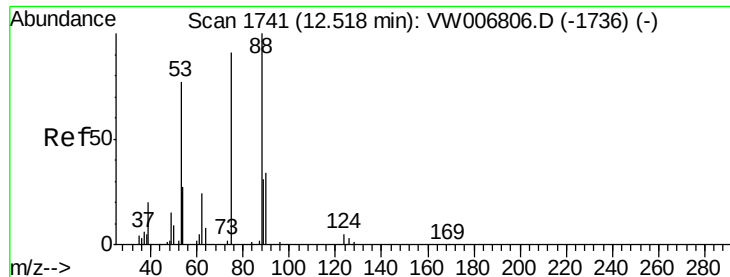
120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.418 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

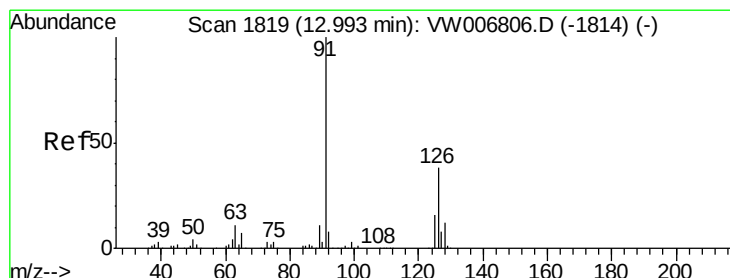
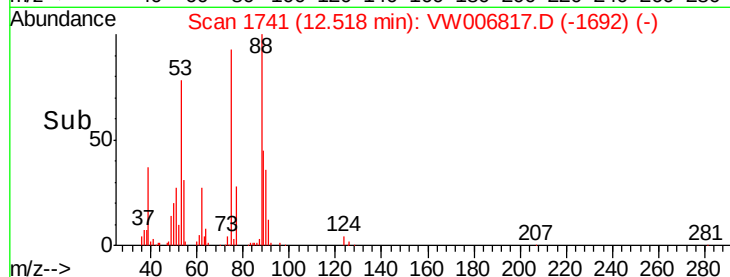
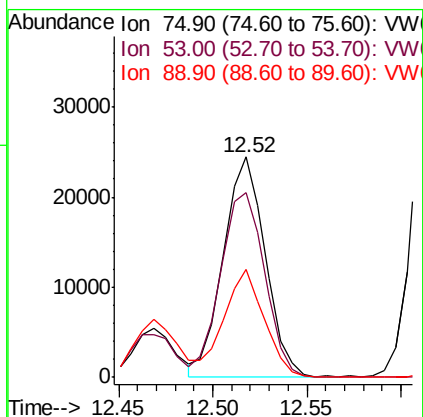
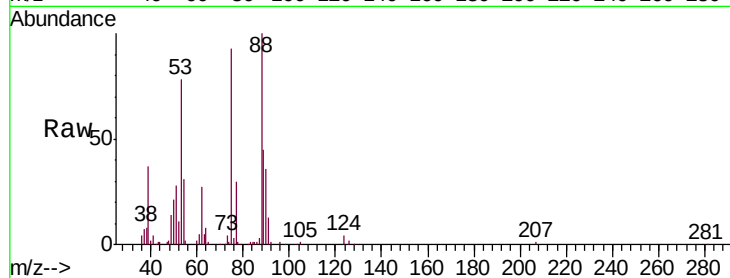
Tgt Ion: 75 Resp: 37488

Ion Ratio Lower Upper

75 100

53 89.3 72.9 109.3

89 46.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 48.754 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006817.D

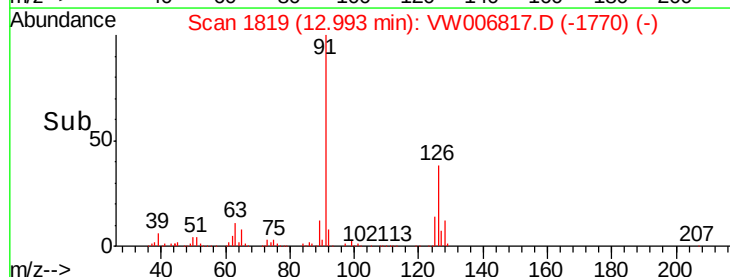
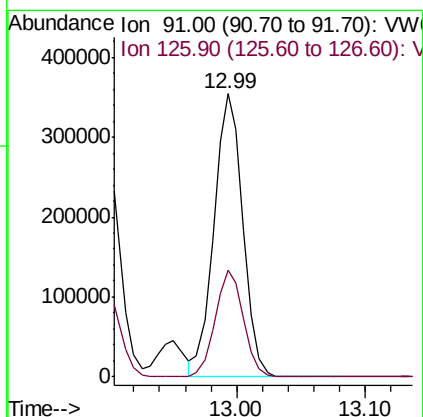
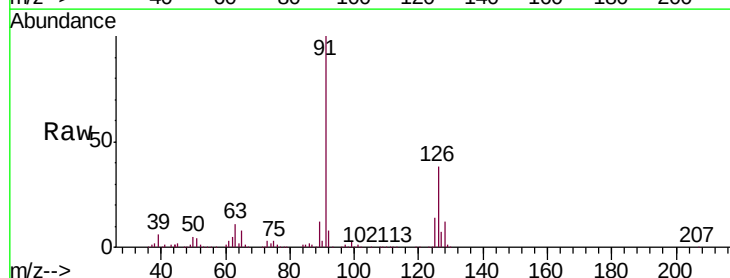
Acq: 12 Nov 2018 19:56

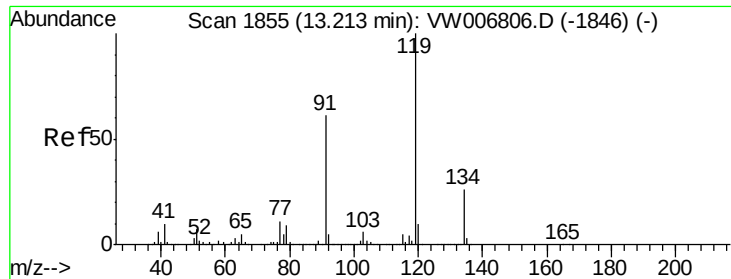
Tgt Ion: 91 Resp: 555136

Ion Ratio Lower Upper

91 100

126 36.9 18.4 55.2

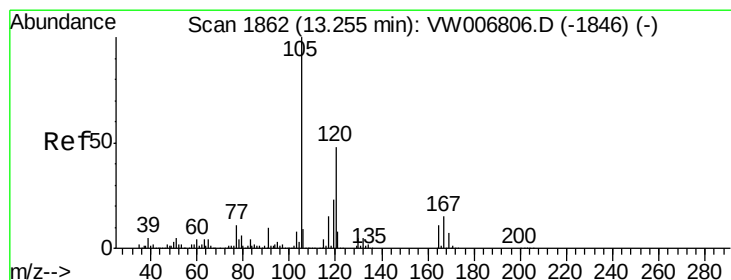
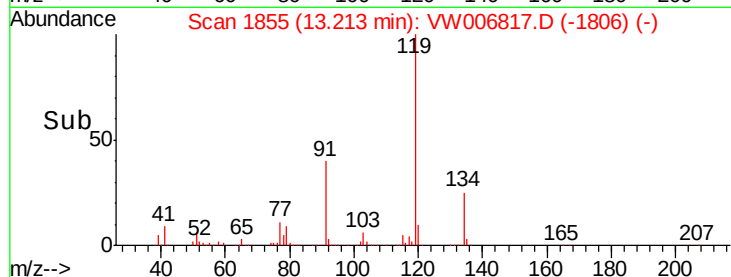
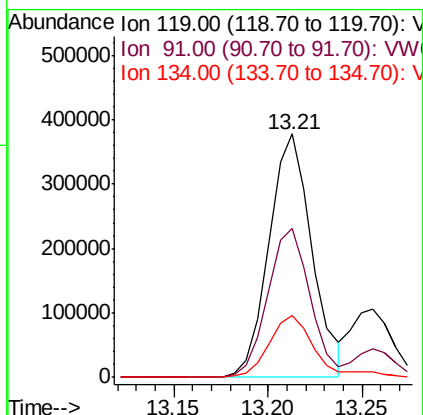
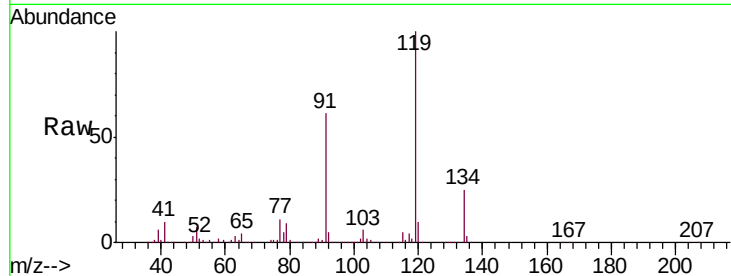




#83
 tert-Butylbenzene
 Concen: 48.779 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

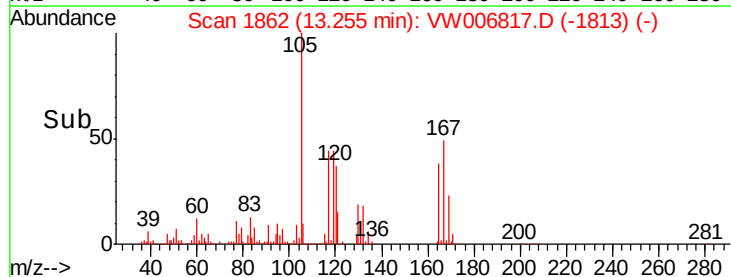
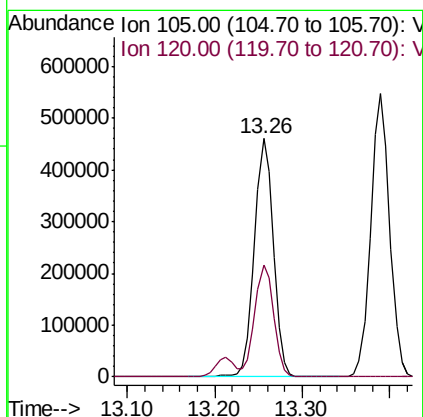
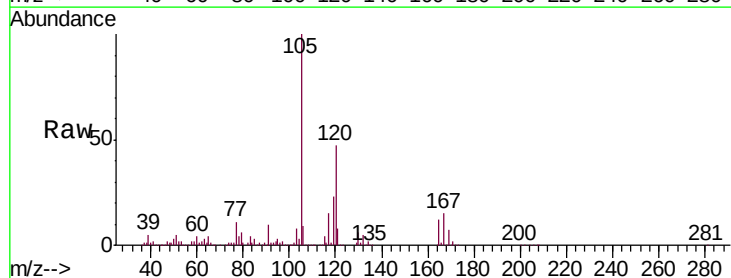
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

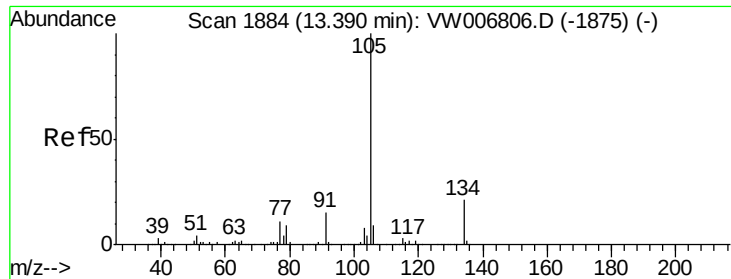
Tgt Ion:119 Resp: 597400
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.0 90.1
 134 27.2 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 49.063 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion:105 Resp: 691782
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0

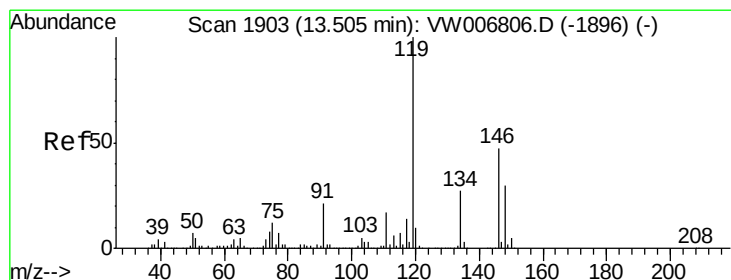
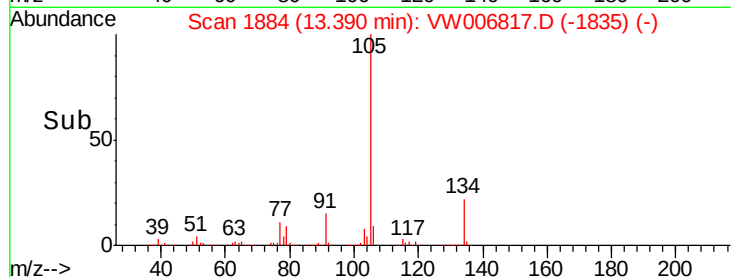
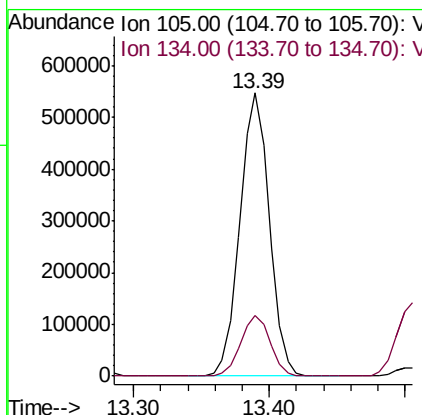
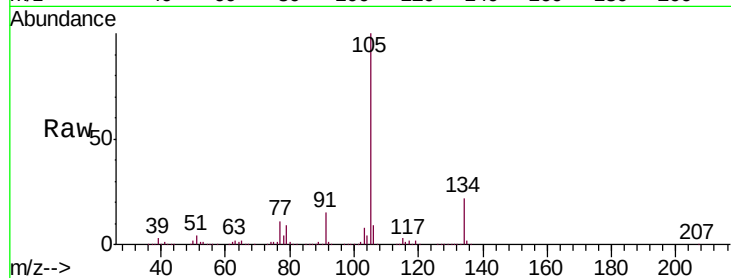




#85
 sec-Butylbenzene
 Concen: 47.452 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

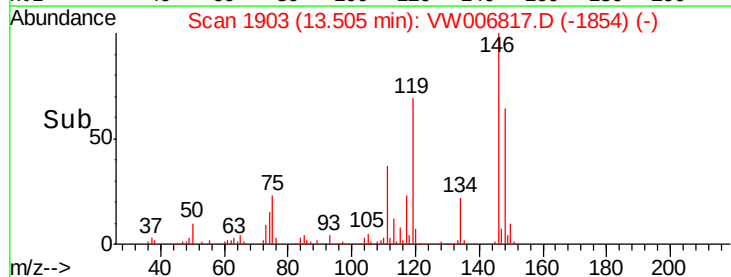
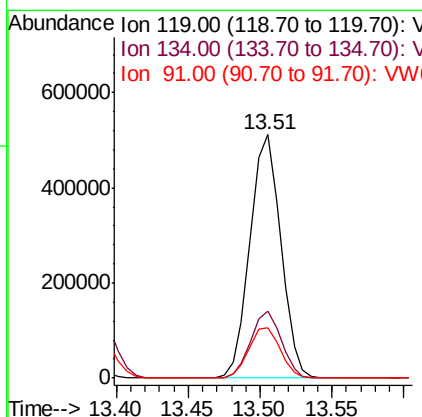
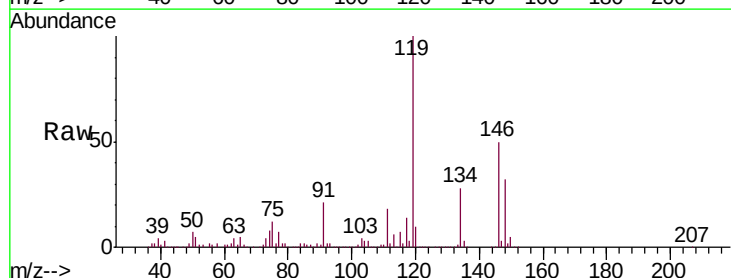
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

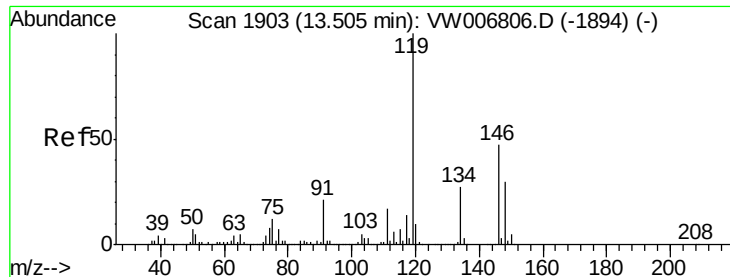
Tgt Ion:105 Resp: 823511
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 47.904 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion:119 Resp: 756185
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 49.174 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

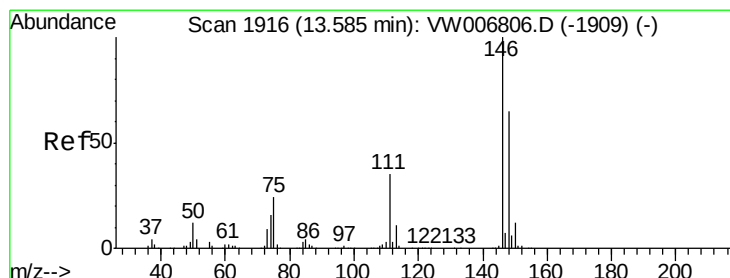
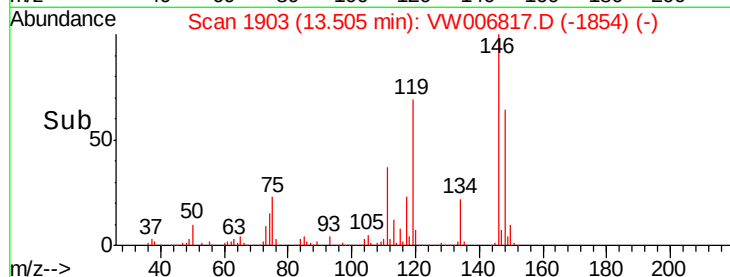
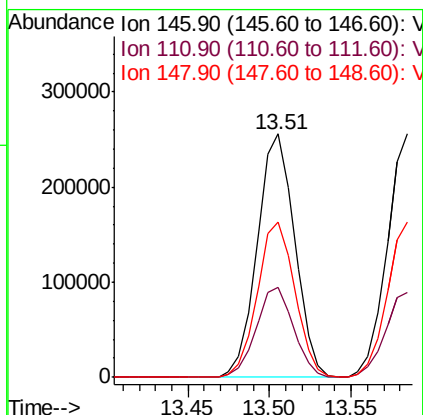
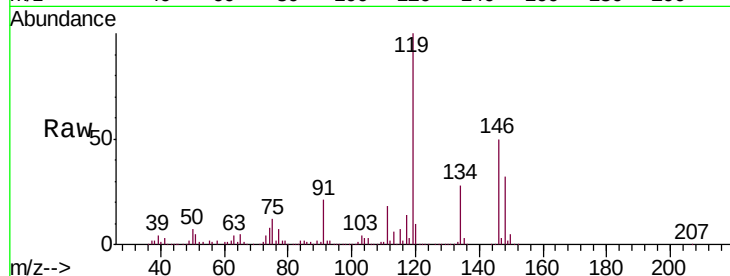
Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

Tgt Ion:146 Resp: 407230

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	63.9	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 49.070 ug/l

RT: 13.58 min Scan# 1916

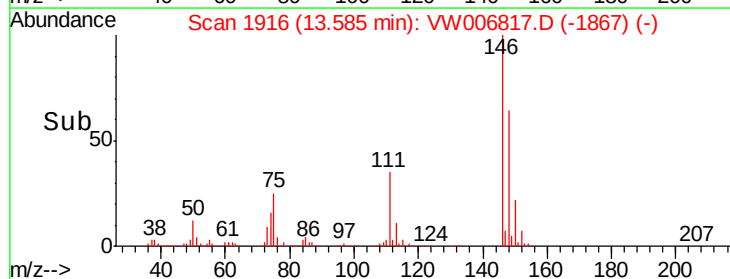
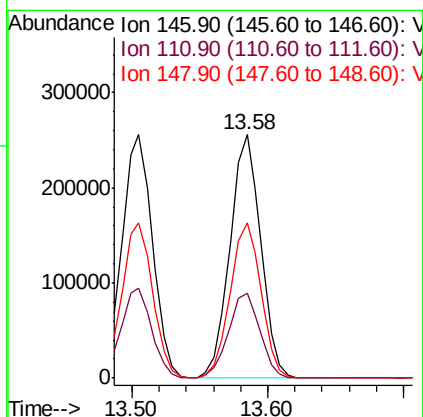
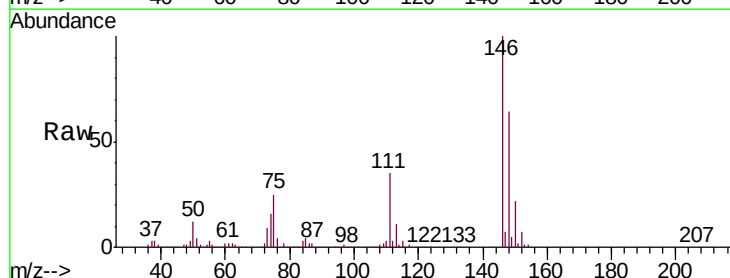
Delta R.T. -0.00 min

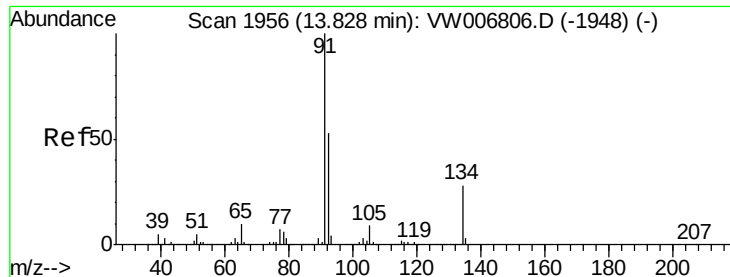
Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:146 Resp: 402051

Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.8	53.3
148	64.2	32.0	96.0





#89

n-Butylbenzene

Concen: 46.689 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

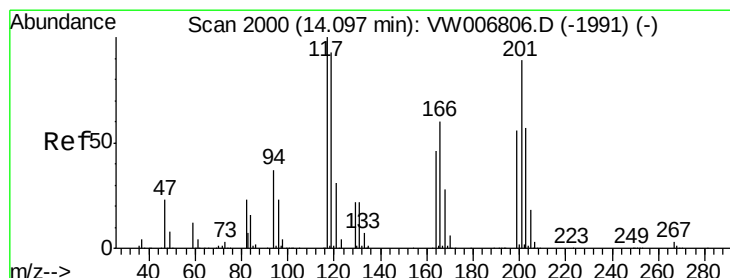
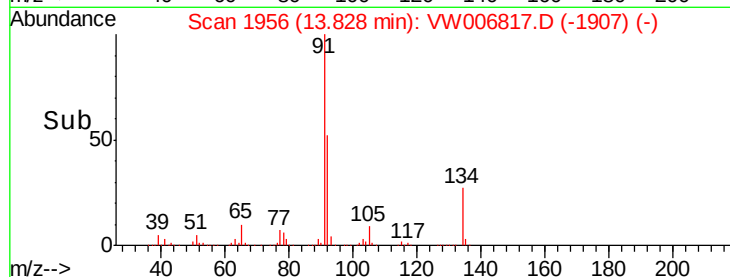
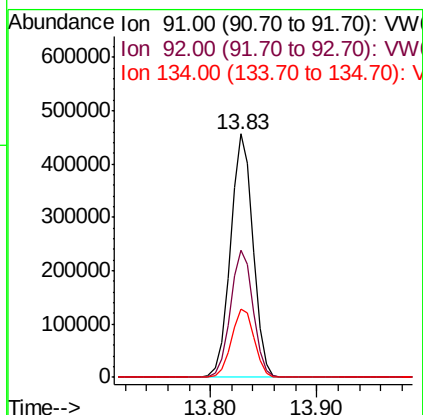
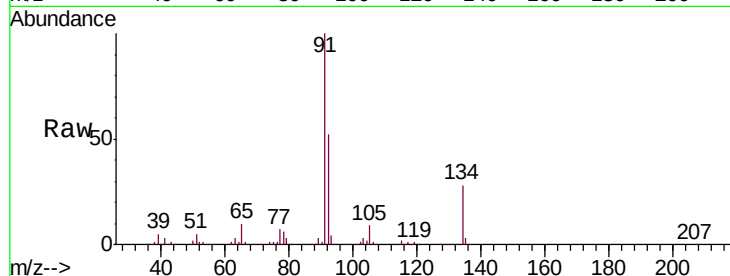
Tgt Ion: 91 Resp: 673549

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.4

134 28.5 14.4 43.2



#90

Hexachloroethane

Concen: 47.902 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006817.D

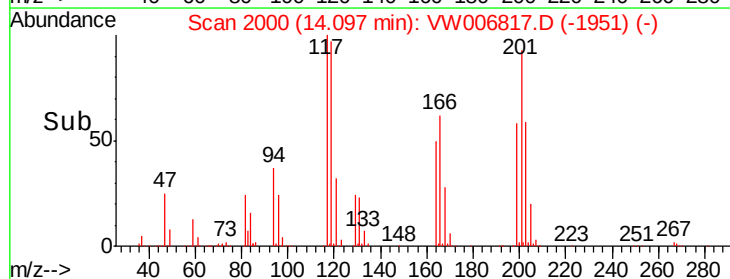
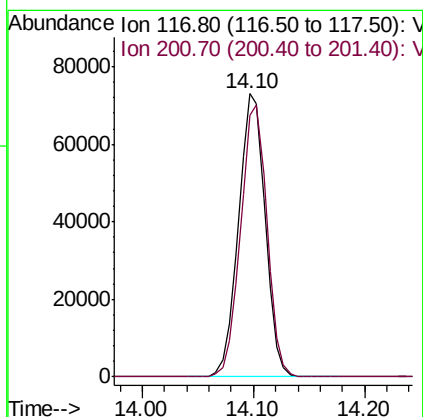
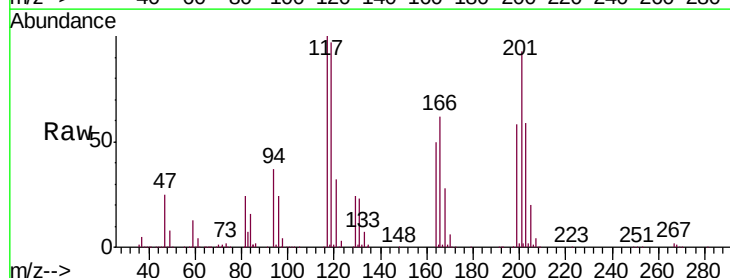
Acq: 12 Nov 2018 19:56

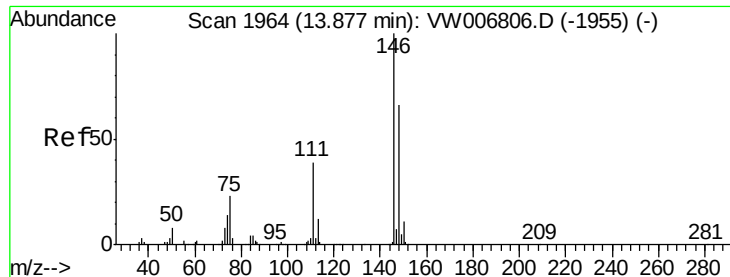
Tgt Ion: 117 Resp: 120994

Ion Ratio Lower Upper

117 100

201 95.2 46.9 140.6

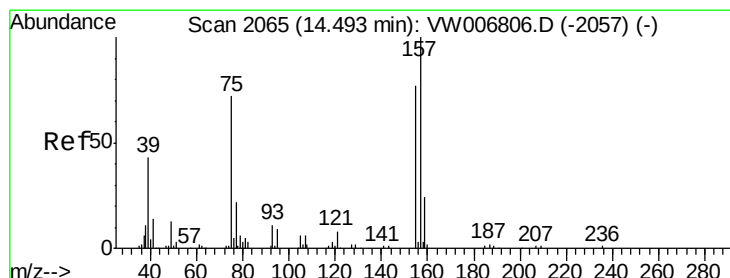
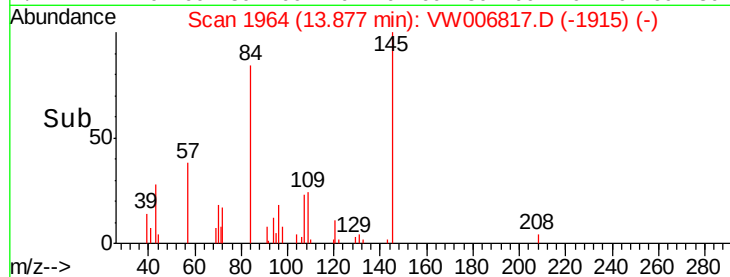
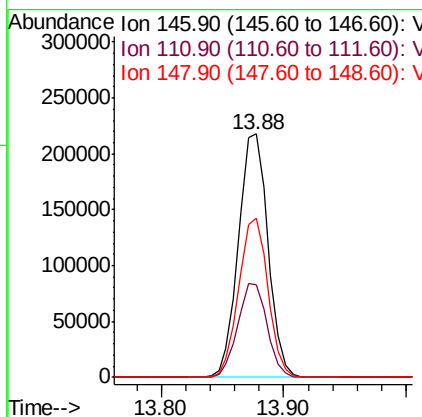
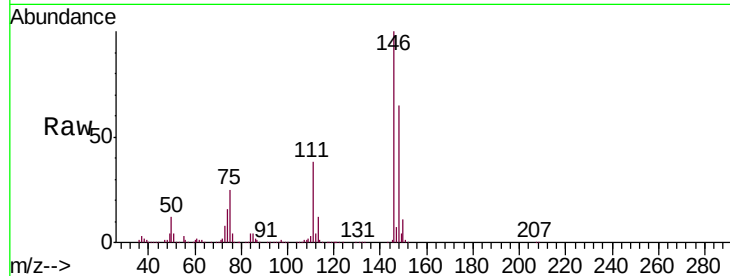




#91
 1,2-Dichlorobenzene
 Concen: 50.527 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

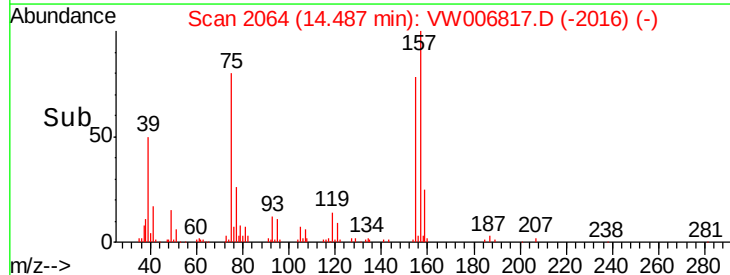
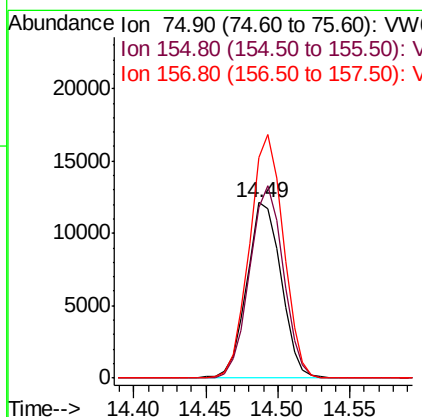
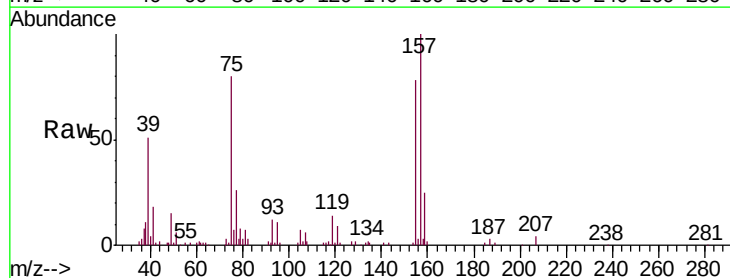
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

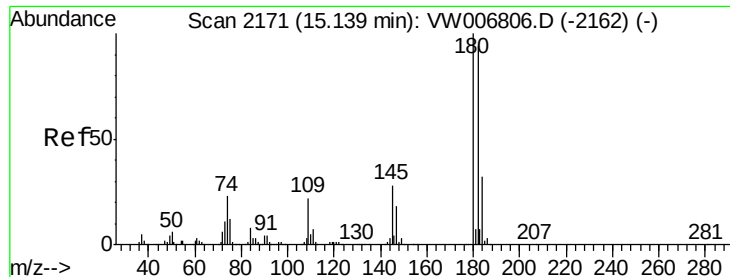
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.9	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.945 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.4	51.0	153.1
157	137.4	67.4	202.2

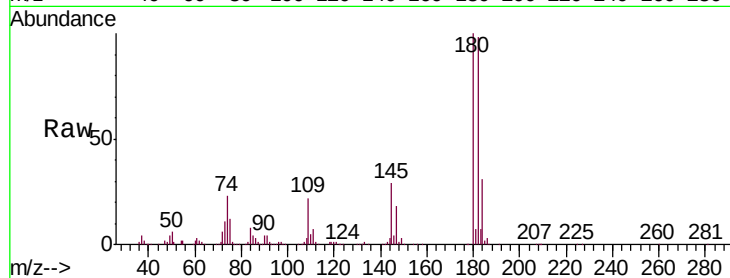




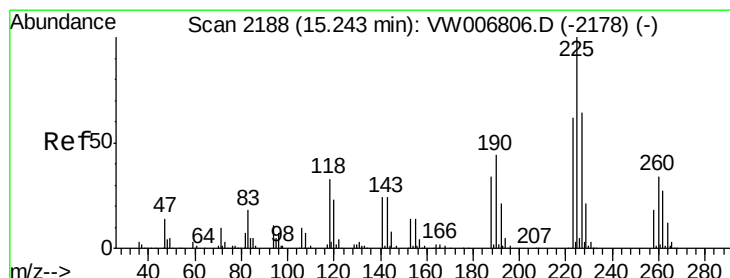
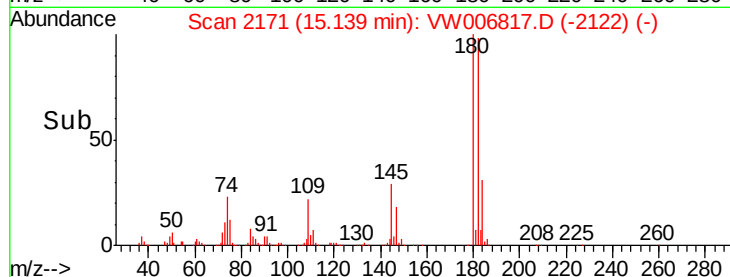
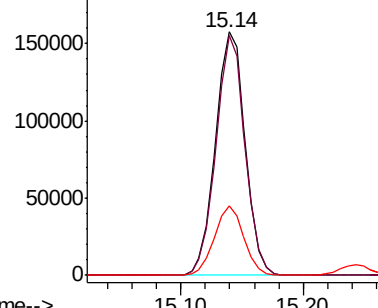
#93
 1,2,4-Trichlorobenzene
 Concen: 48.610 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MS

Tgt Ion:180 Resp: 264680
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.5
 145 28.1 14.0 41.9

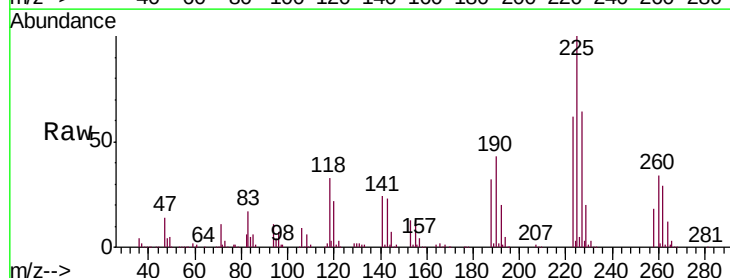


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

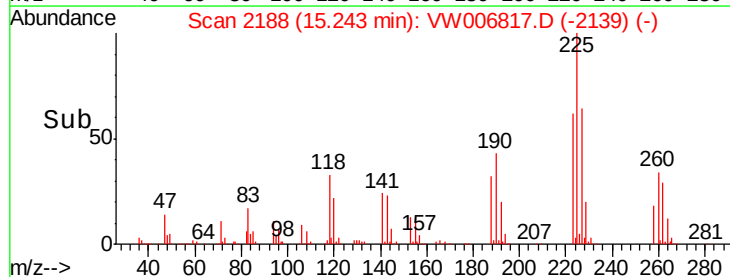
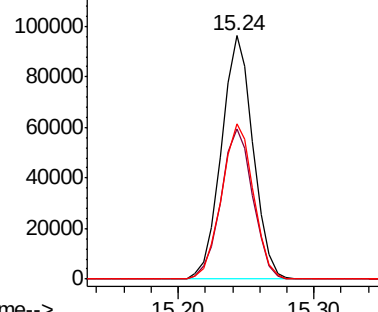


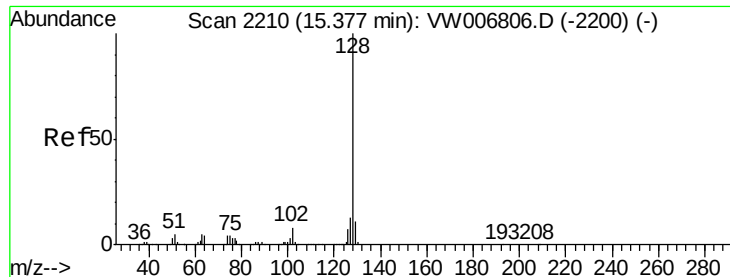
#94
 Hexachlorobutadiene
 Concen: 45.509 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion:225 Resp: 157017
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.4 32.3 96.9



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

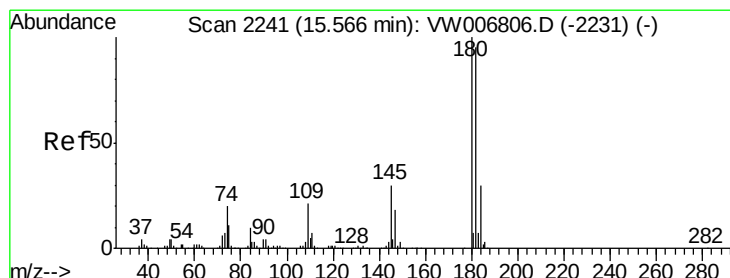
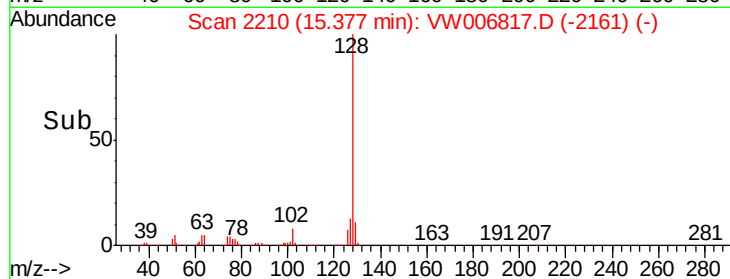
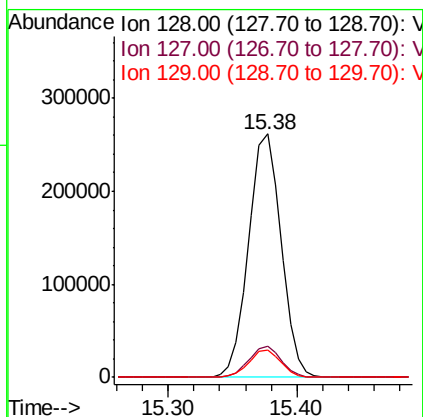
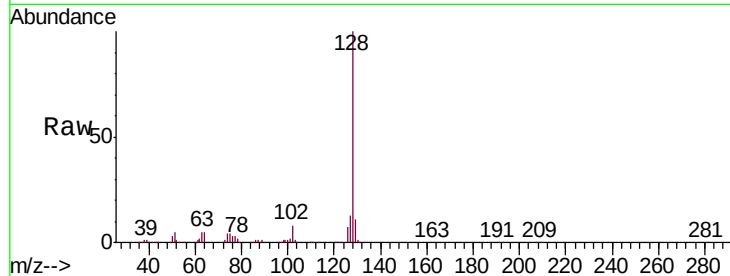




#95
Naphthalene
Concen: 55.987 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.476 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.6
145	29.7	15.2	45.5

