

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006799.D
 Acq On : 09 Nov 2018 21:06
 Operator : SY/AP
 Sample : J5860-06MSD
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 12 04:39:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	17215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	6294	73.50	ug/l	0.00
Spiked Amount			Recovery	=	147.00%	
35) Dibromofluoromethane	7.89	113	5989	61.12	ug/l	0.00
Spiked Amount			Recovery	=	122.24%	
50) Toluene-d8	10.33	98	18944	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.62	95	6611	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	4495	47.317	ug/l	96
3) Chloromethane	2.21	50	5702	49.998	ug/l	100
4) Vinyl Chloride	2.36	62	5963	49.734	ug/l #	69
5) Bromomethane	2.79	94	2712	31.416	ug/l	95
6) Chloroethane	2.94	64	4147	52.852	ug/l	96
7) Trichlorofluoromethane	3.29	101	9152	60.752	ug/l	96
8) Diethyl Ether	3.70	74	3535	80.661	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	5648	56.425	ug/l	98
10) Methyl Iodide	4.29	142	8200	58.966	ug/l	96
11) Tert butyl alcohol	5.15	59	2708	480.485	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	5224	62.588	ug/l	97
13) Acrolein	3.90	56	1588	270.539	ug/l	92
14) Allyl chloride	4.68	41	6837	60.765	ug/l	97
15) Acrylonitrile	5.37	53	7787	443.907	ug/l	98
16) Acetone	4.12	43	7328	591.194	ug/l	98
17) Carbon Disulfide	4.40	76	15103	54.854	ug/l #	94
18) Methyl Acetate	4.68	43	5468	125.709	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	15800	77.286	ug/l #	88
20) Methylene Chloride	4.94	84	7977	82.141	ug/l #	87
21) trans-1,2-Dichloroethene	5.44	96	5839	58.485	ug/l	95
22) Diisopropyl ether	6.32	45	15581	65.710	ug/l	92
23) Vinyl Acetate	6.26	43	36605	270.674	ug/l	95
24) 1,1-Dichloroethane	6.23	63	10634	68.555	ug/l	97
25) 2-Butanone	7.18	43	9824	480.018	ug/l	94
26) 2,2-Dichloropropane	7.18	77	8170	55.282	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	7094	66.314	ug/l	95
28) Bromochloromethane	7.51	49	4504	77.523	ug/l	97
29) Tetrahydrofuran	7.54	42	6088	453.858	ug/l	99
30) Chloroform	7.69	83	12026	69.970	ug/l	88
31) Cyclohexane	7.96	56	7741	48.456	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	9326	57.173	ug/l	98
36) 1,1-Dichloropropene	8.09	75	7257	46.456	ug/l	97
37) Ethyl Acetate	7.26	43	4724	85.155	ug/l	95
38) Carbon Tetrachloride	8.08	117	8210	49.190	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8497	42.722	ug/l	97
40) Benzene	8.33	78	24061	54.547	ug/l	99
41) Methacrylonitrile	7.53	41	6346	197.176	ug/l #	31
42) 1,2-Dichloroethane	8.41	62	8401	69.968	ug/l	99
43) Isopropyl Acetate	8.43	43	7898	75.944	ug/l	99
44) Trichloroethene	9.10	130	6869	50.647	ug/l	88
45) 1,2-Dichloropropane	9.38	63	6319	60.995	ug/l	94
46) Dibromomethane	9.46	93	4169	71.677	ug/l	99
47) Bromodichloromethane	9.65	83	8345	59.126	ug/l #	96
48) Methyl methacrylate	9.44	41	3525	71.969	ug/l	93
49) 1,4-Dioxane	9.45	88	1361	1562.975	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	20186	377.797	ug/l	99
52) Toluene	10.39	92	14328	46.201	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	7727	56.460	ug/l #	87
54) cis-1,3-Dichloropropene	10.08	75	8767	54.030	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	5995	69.965	ug/l	99
56) Ethyl methacrylate	10.65	69	5233	55.306	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	9660	70.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	13186	279.831	ug/l	98
59) 2-Hexanone	10.97	43	13223	365.171	ug/l	97
60) Dibromochloromethane	11.13	129	6416	62.294	ug/l	100
61) 1,2-Dibromoethane	11.24	107	5644	68.464	ug/l	99
64) Tetrachloroethene	10.87	164	6546	50.904	ug/l #	91
65) Chlorobenzene	11.66	112	18028	50.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	6888	59.985	ug/l	97
67) Ethyl Benzene	11.74	91	25586	42.430	ug/l	99
68) m/p-Xylenes	11.85	106	19674	79.988	ug/l	98
69) o-Xylene	12.17	106	9870	43.588	ug/l	99
70) Styrene	12.19	104	14783	40.165	ug/l	98
71) Bromoform	12.35	173	4131	64.945	ug/l #	97
73) Isopropylbenzene	12.47	105	25529	47.944	ug/l	99
74) N-amyl acetate	12.27	43	5367	61.837	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	6778	85.441	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	7733	128.130	ug/l #	100
77) Bromobenzene	12.75	156	7968	57.872	ug/l	99
78) n-propylbenzene	12.81	91	28810	45.535	ug/l	99
79) 2-Chlorotoluene	12.90	91	17981	50.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	20200	43.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	1460	64.319	ug/l #	88
82) 4-Chlorotoluene	12.99	91	18519	48.615	ug/l	99
83) tert-Butylbenzene	13.21	119	18786	47.123	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	20057	42.431	ug/l	98
85) sec-Butylbenzene	13.39	105	26328	46.144	ug/l	99
86) p-Isopropyltoluene	13.51	119	21942	42.161	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	14834	53.032	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	13637	48.949	ug/l	99
89) n-Butylbenzene	13.83	91	18855	39.254	ug/l	99
90) Hexachloroethane	14.10	117	4319	52.898	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	13411	54.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	911	71.118	ug/l	88

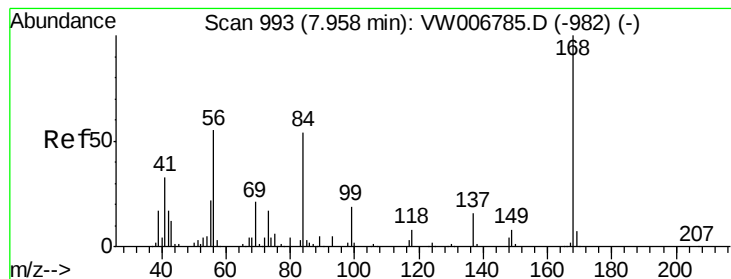
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5613	30.986	ug/l	98
94) Hexachlorobutadiene	15.24	225	5541	48.604	ug/l	97
95) Naphthalene	15.38	128	7252	26.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	4940	31.525	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

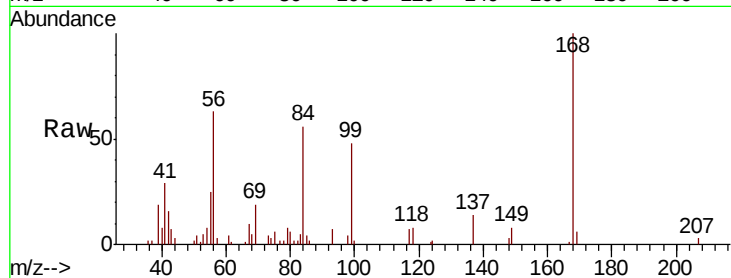
EP2-SB-104(15-17)

Tot Ion:168 Resp: 11684

Ion Ratio Lower Upper

168 100

99 48.0 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

6000

5000

4000

3000

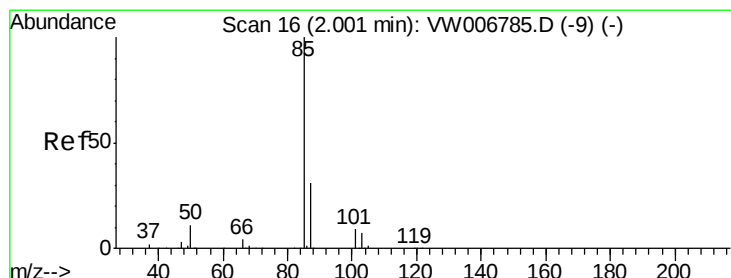
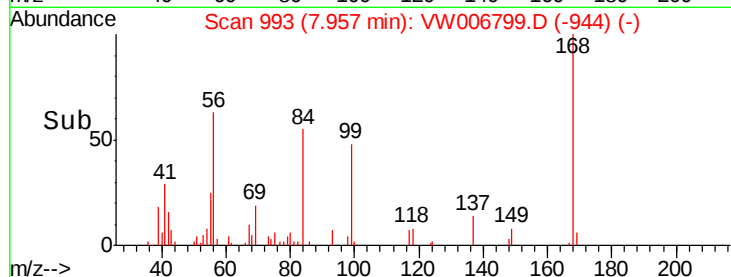
2000

1000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 47.317 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006799.D

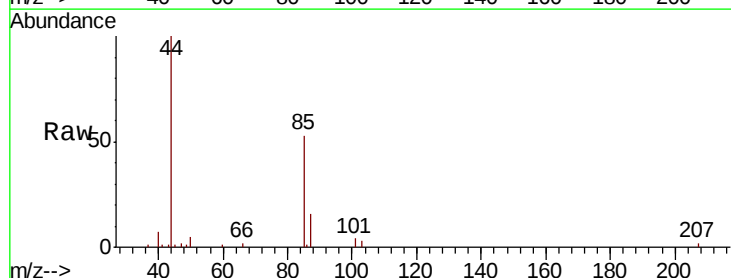
Acq: 09 Nov 2018 21:06

Tgt Ion: 85 Resp: 4495

Ion Ratio Lower Upper

85 100

87 29.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

4000

3000

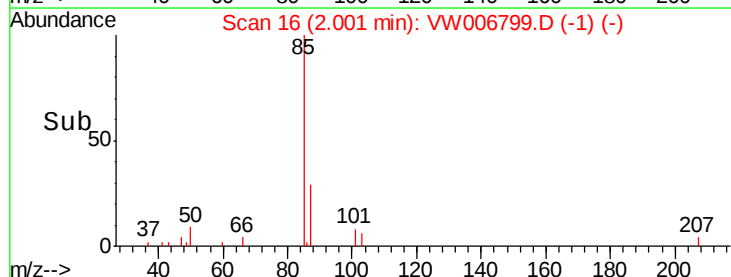
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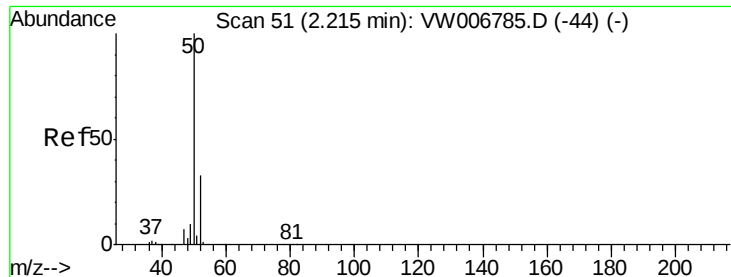
1000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 49.998 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

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ClientSampleId :

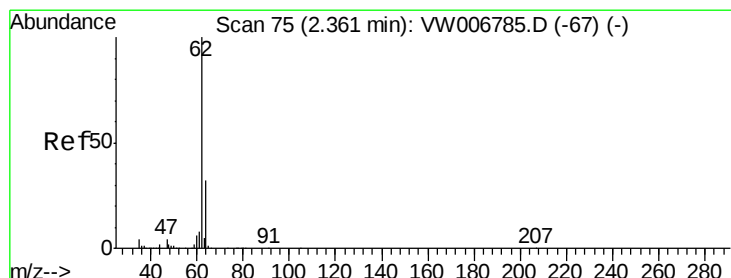
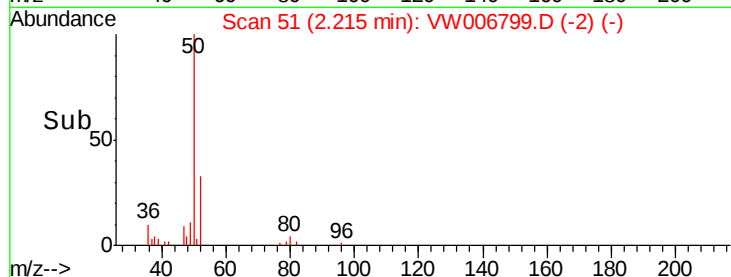
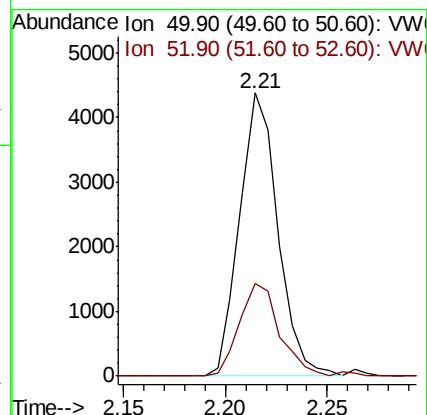
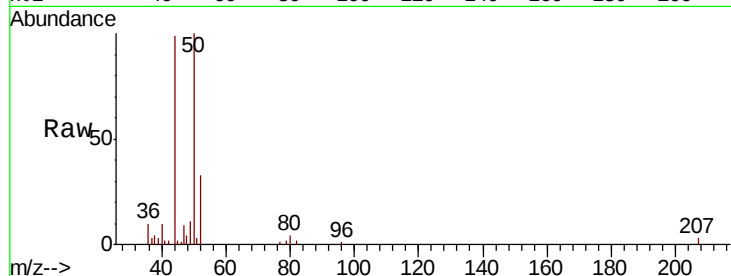
EP2-SB-104(15-17)

Tot Ion: 50 Resp: 5702

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



#4

Vinyl Chloride

Concen: 49.734 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006799.D

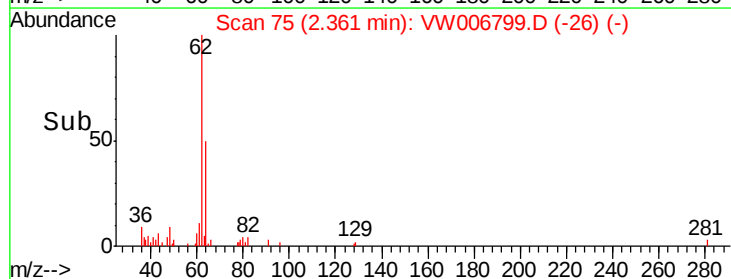
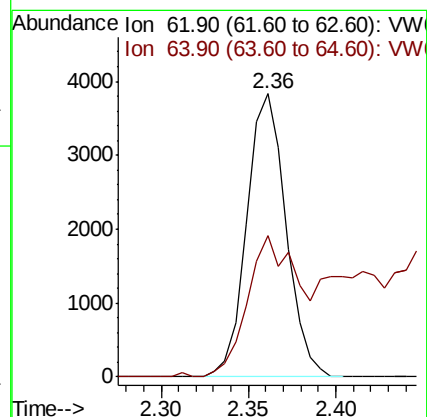
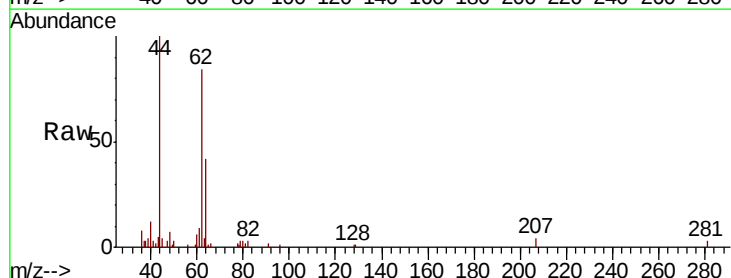
Acq: 09 Nov 2018 21:06

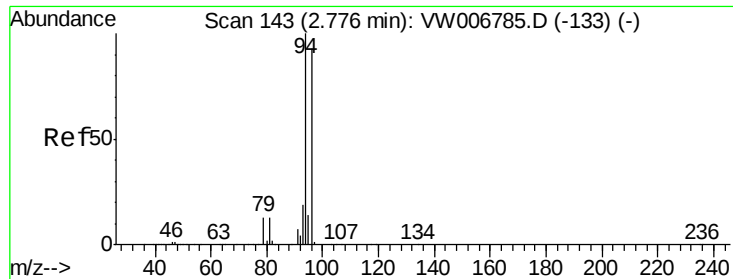
Tgt Ion: 62 Resp: 5963

Ion Ratio Lower Upper

62 100

64 49.8 25.8 38.6#





#5

Bromomethane

Concen: 31.416 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

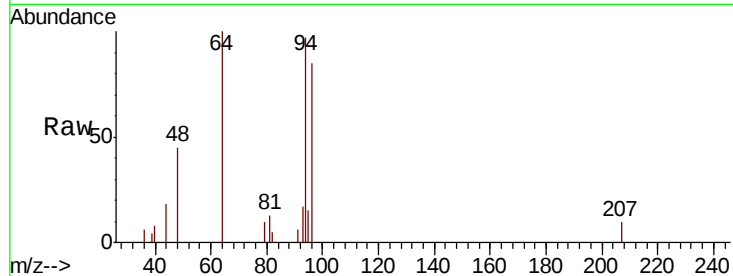
EP2-SB-104(15-17)

Tot Ion: 94 Resp: 2712

Ion Ratio Lower Upper

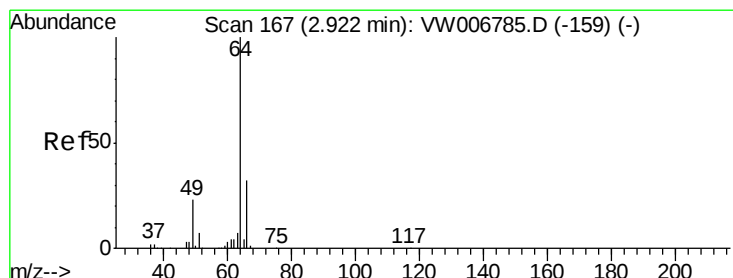
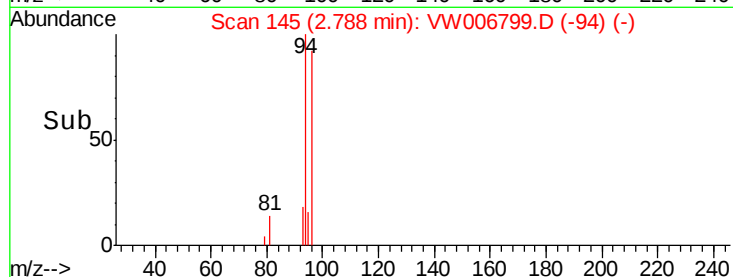
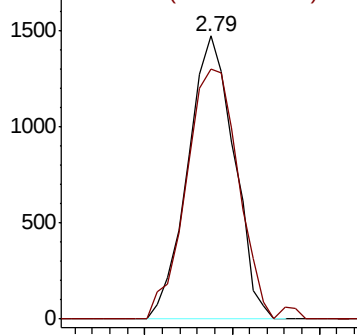
94 100

96 88.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 52.852 ug/l

RT: 2.94 min Scan# 170

Delta R.T. 0.02 min

Lab File: VW006799.D

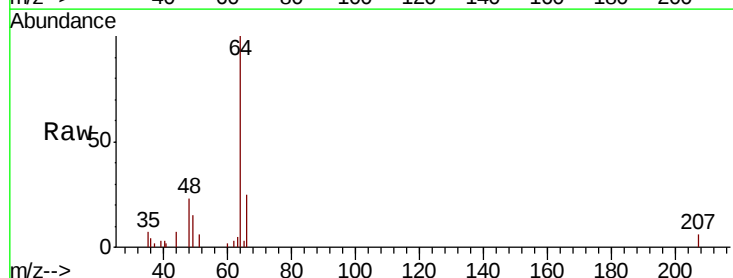
Acq: 09 Nov 2018 21:06

Tgt Ion: 64 Resp: 4147

Ion Ratio Lower Upper

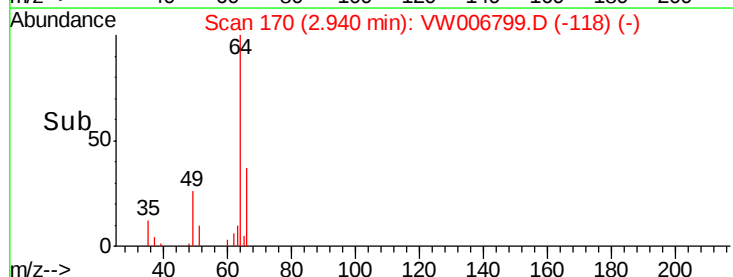
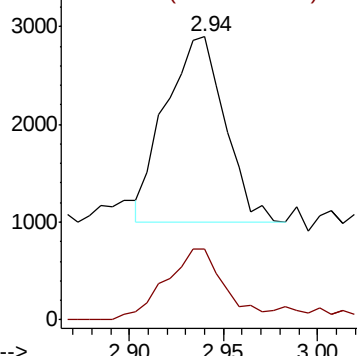
64 100

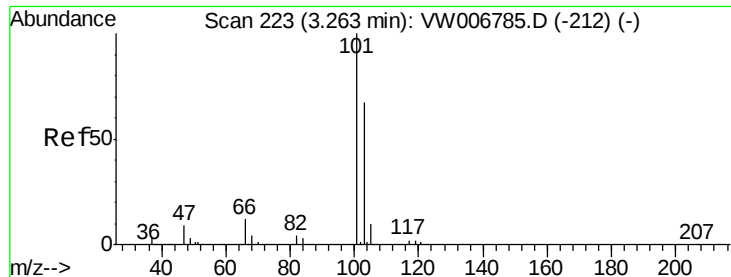
66 33.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



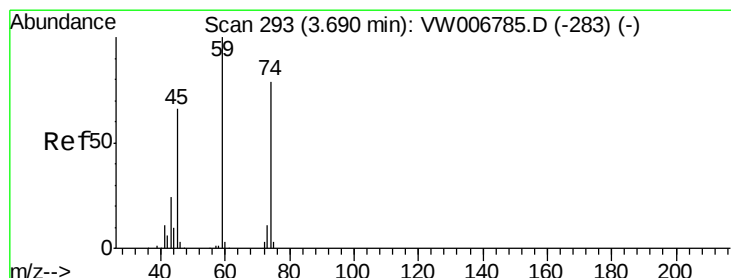
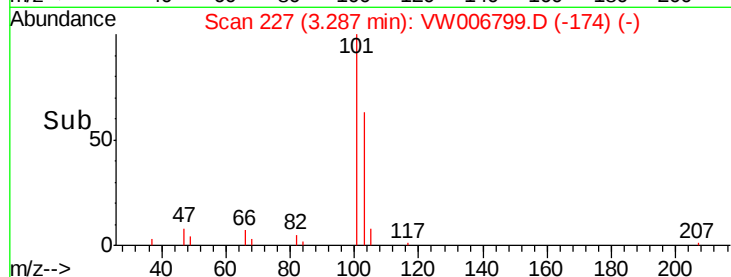
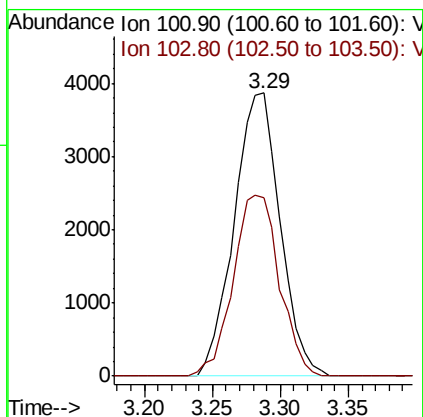
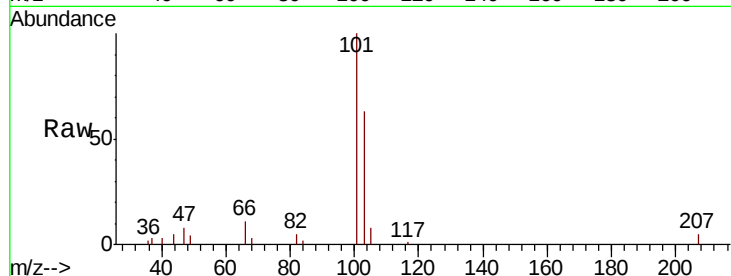


#7

Trichlorofluoromethane
 Concen: 60.752 ug/l
 RT: 3.29 min Scan# 227
 Delta R.T. 0.02 min
 Lab File: VW006799.D
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 EP2-SB-104(15-17)

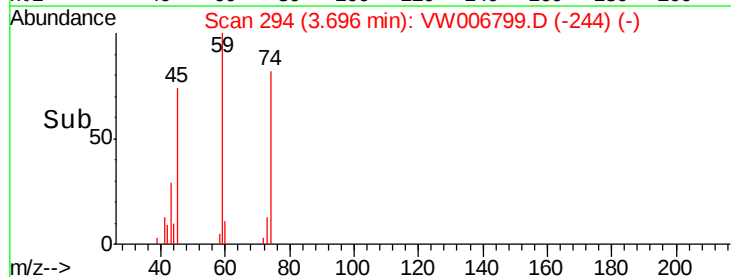
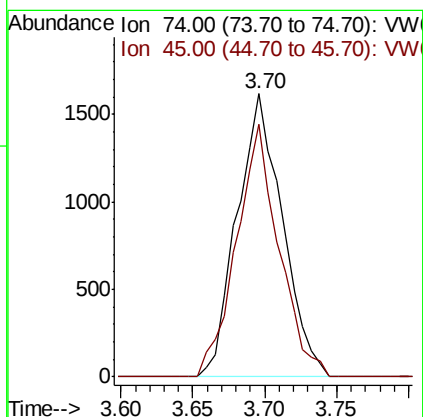
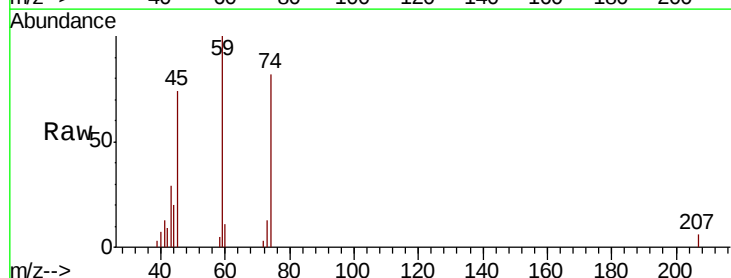
Tot Ion:101 Resp: 9152
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.0

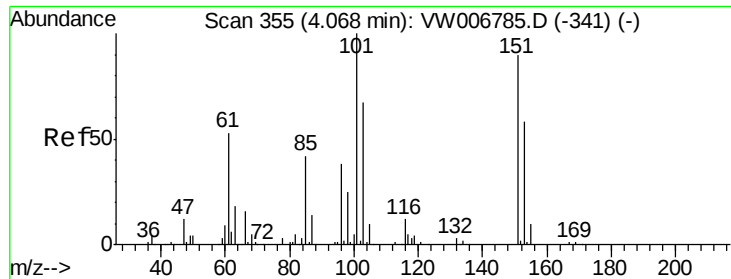


#8

Diethyl Ether
 Concen: 80.661 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion: 74 Resp: 3535
 Ion Ratio Lower Upper
 74 100
 45 83.6 44.0 132.1

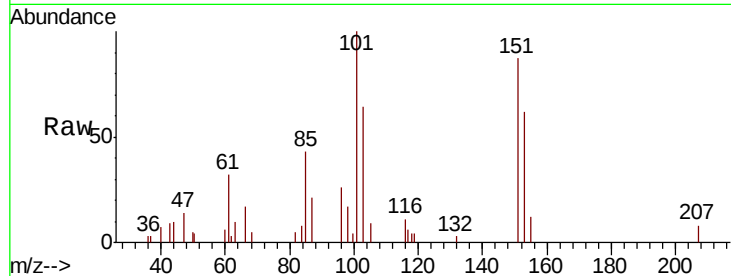




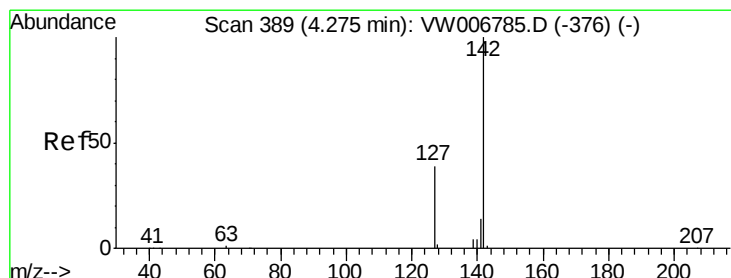
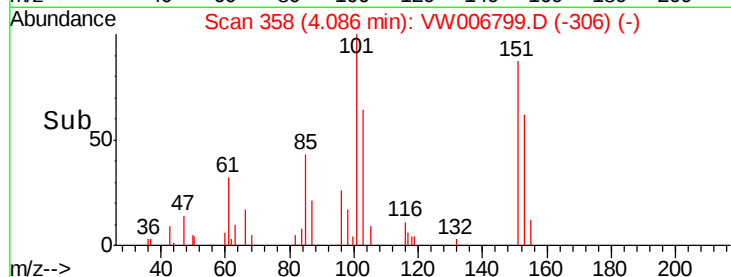
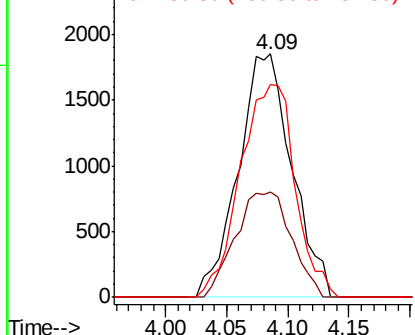
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.425 ug/l
 RT: 4.09 min Scan# 358
 Delta R.T. 0.02 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
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 EP2-SB-104(15-17)

Tot Ion:101 Resp: 5648
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.0 51.0
 151 89.1 70.7 106.1

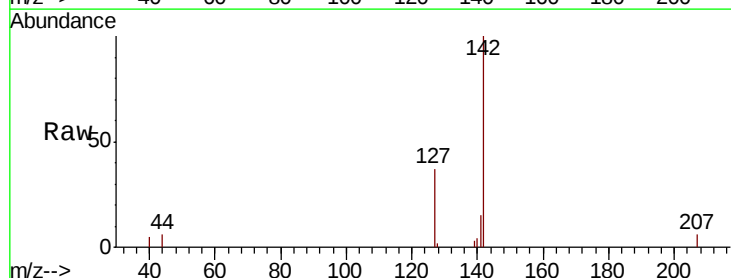


Abundance Ion 100.90 (100.60 to 101.60): V
 2500 Ion 84.90 (84.60 to 85.60): V
 2000 Ion 150.80 (150.50 to 151.50): V

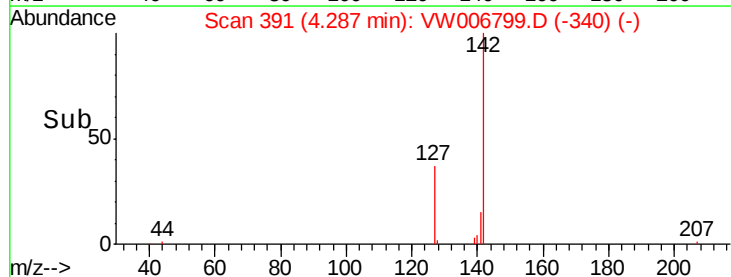
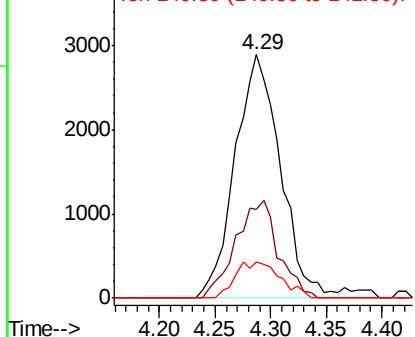


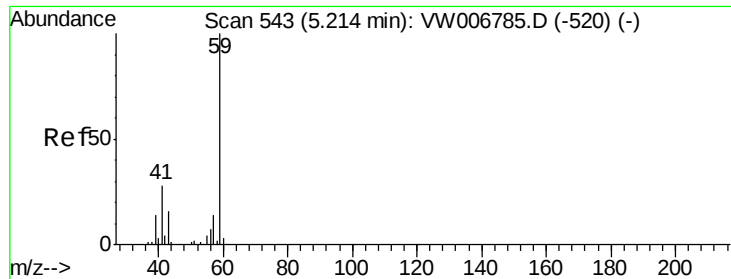
#10
 Methyl Iodide
 Concen: 58.966 ug/l
 RT: 4.29 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion:142 Resp: 8200
 Ion Ratio Lower Upper
 142 100
 127 37.7 32.3 48.5
 141 14.7 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 4000 Ion 126.80 (126.50 to 127.50): V
 3000 Ion 140.80 (140.50 to 141.50): V

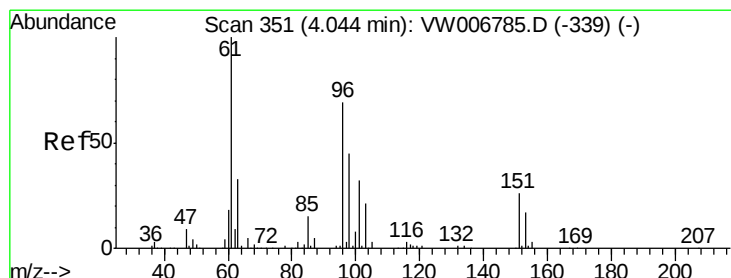
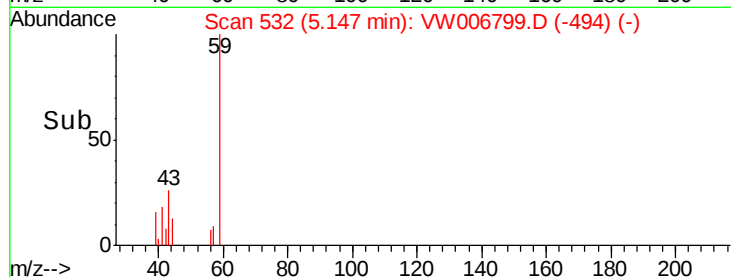
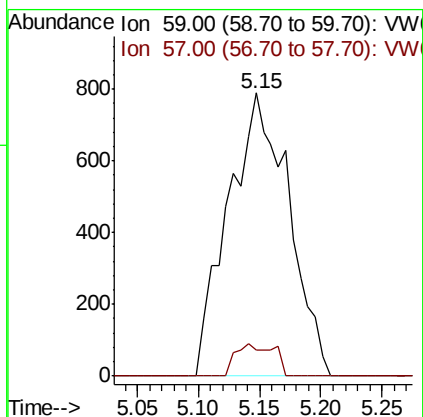
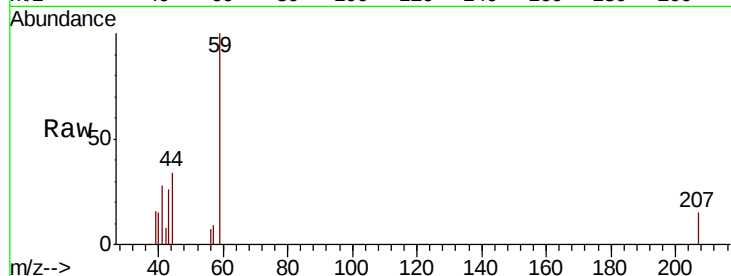




#11
Tert butyl alcohol
Concen: 480.485 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.07 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

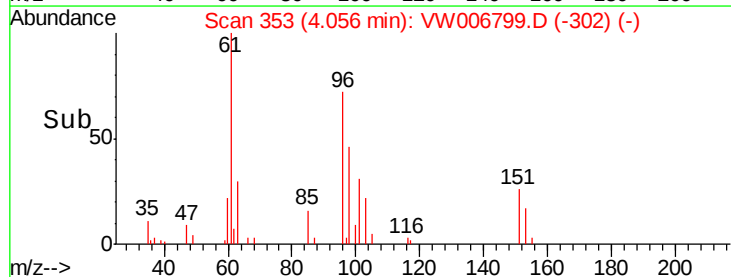
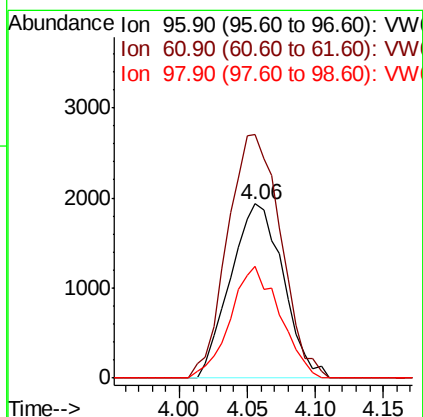
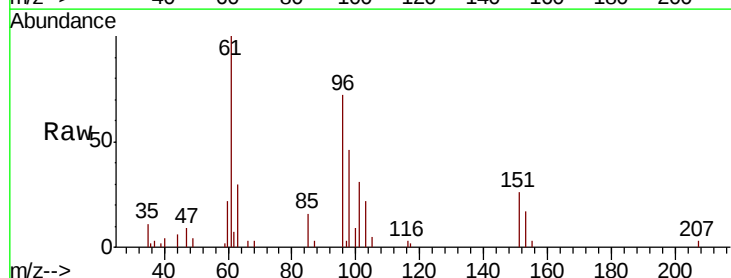
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

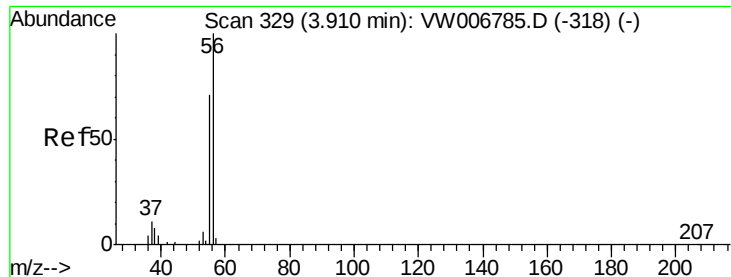
Tot Ion: 59 Resp: 2708
Ion Ratio Lower Upper
59 100
57 7.1 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 62.588 ug/l
RT: 4.06 min Scan# 353
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 96 Resp: 5224
Ion Ratio Lower Upper
96 100
61 139.7 116.0 174.0
98 64.1 52.0 78.0





#13

Acrolein

Concen: 270.539 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

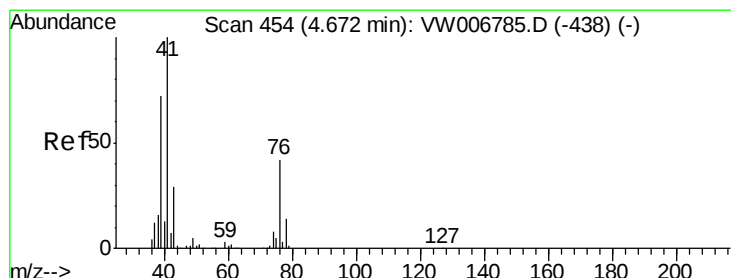
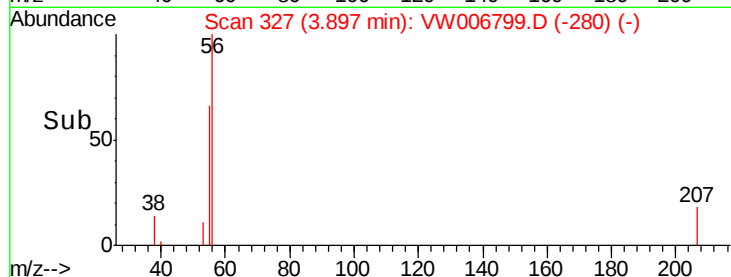
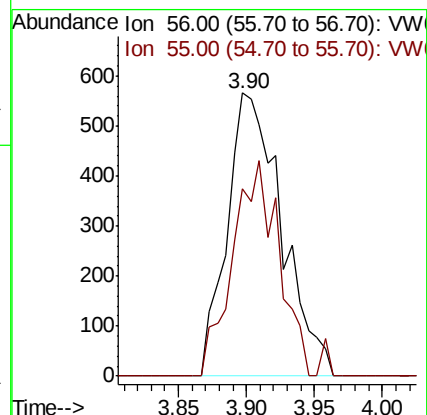
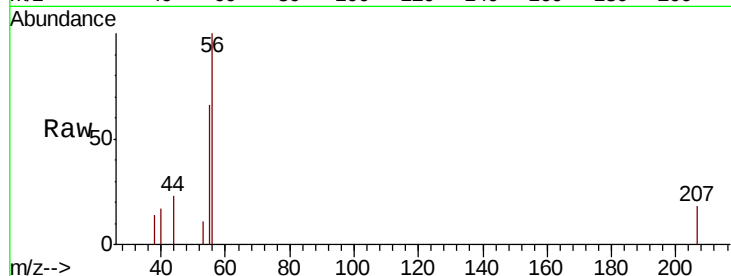
EP2-SB-104(15-17)

Tot Ion: 56 Resp: 1588

Ion Ratio Lower Upper

56 100

55 64.2 56.9 85.3



#14

Allyl chloride

Concen: 60.765 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

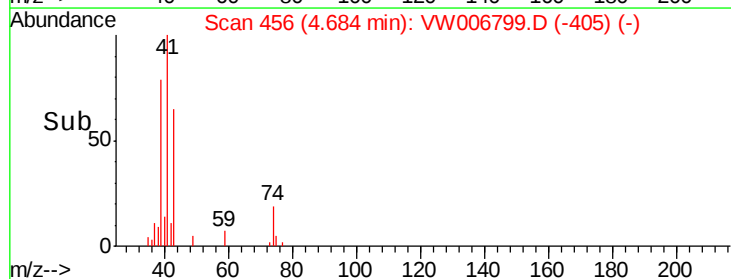
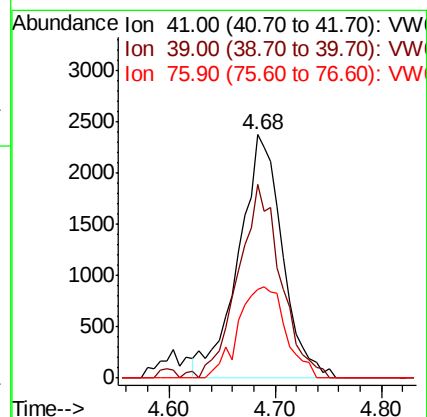
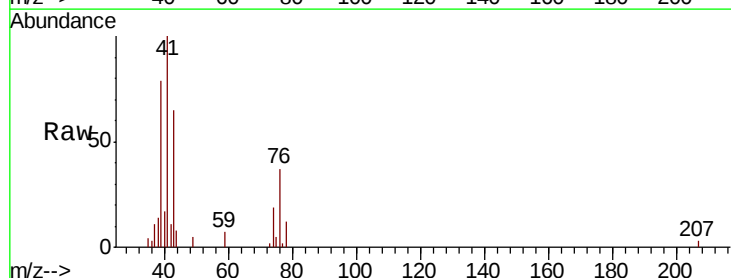
Tgt Ion: 41 Resp: 6837

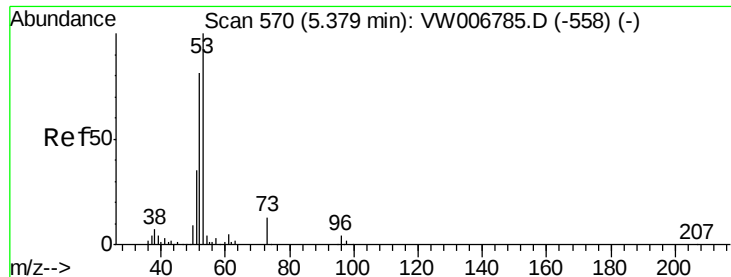
Ion Ratio Lower Upper

41 100

39 77.5 60.0 90.0

76 40.7 34.2 51.4





#15

Acrylonitrile

Concen: 443.907 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

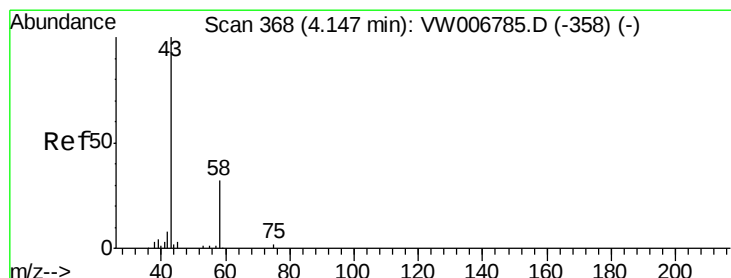
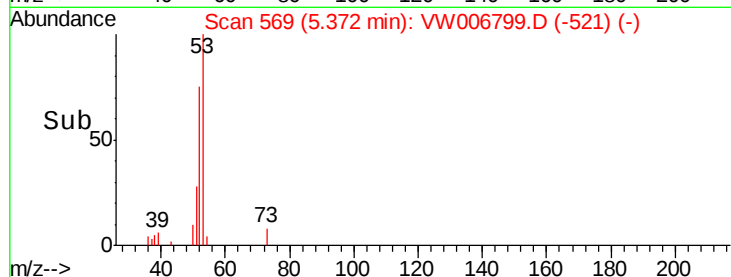
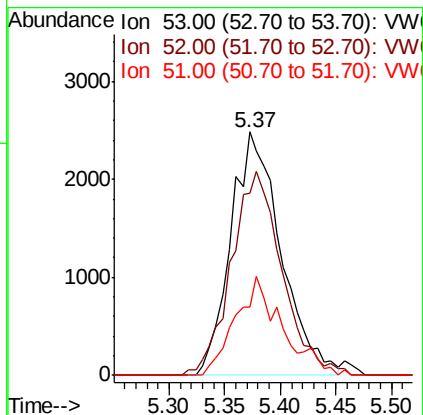
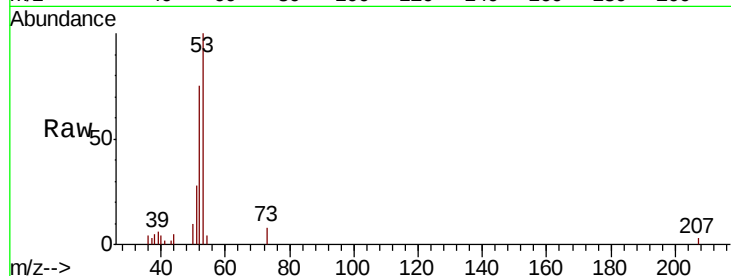
Tot Ion: 53 Resp: 7787

Ion Ratio Lower Upper

53 100

52 84.5 65.2 97.8

51 37.6 30.2 45.4



#16

Acetone

Concen: 591.194 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006799.D

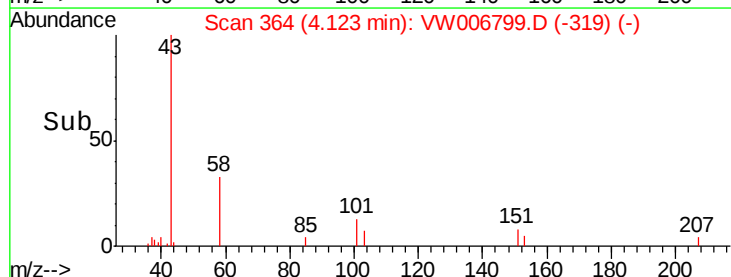
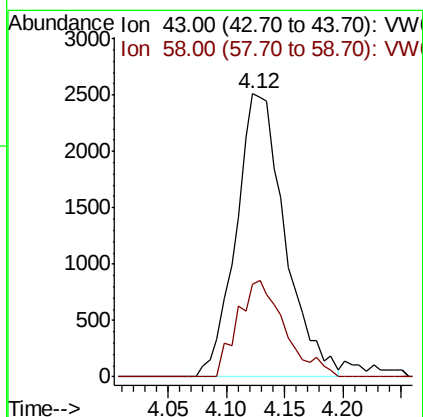
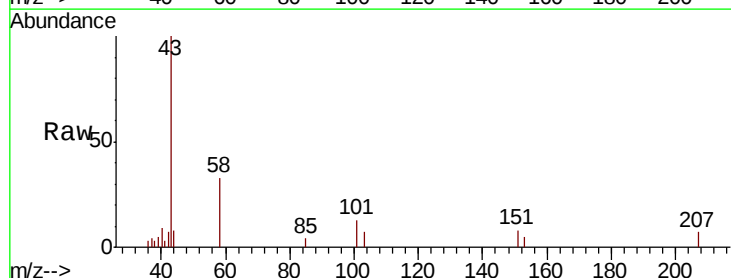
Acq: 09 Nov 2018 21:06

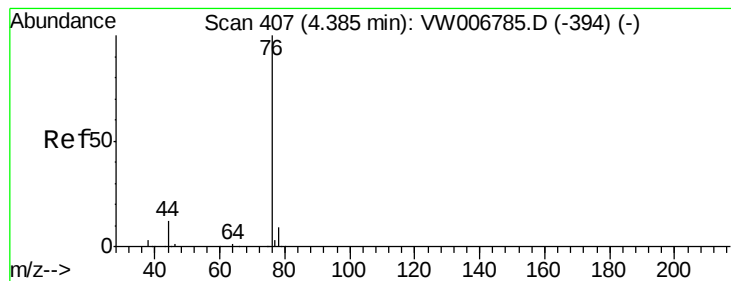
Tgt Ion: 43 Resp: 7328

Ion Ratio Lower Upper

43 100

58 32.9 25.4 38.0





#17

Carbon Disulfide

Concen: 54.854 ug/l

RT: 4.40 min Scan# 410

Delta R.T. 0.02 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

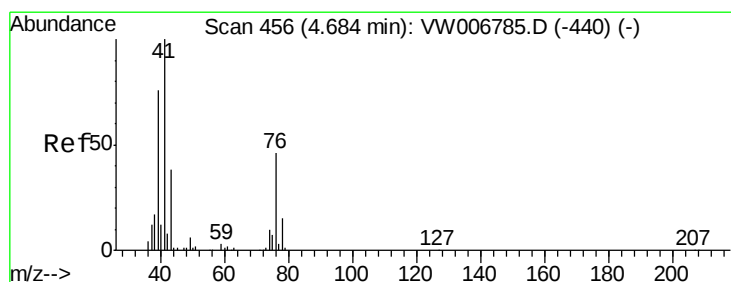
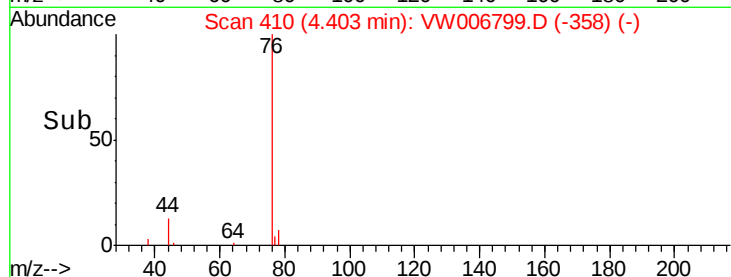
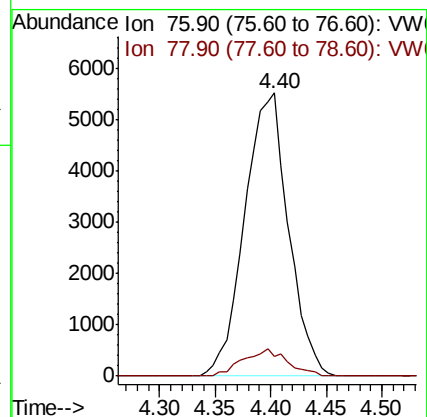
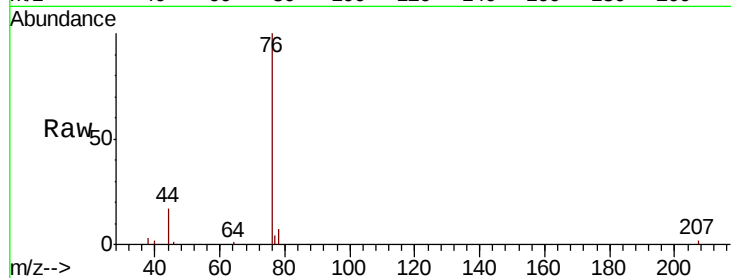
EP2-SB-104(15-17)

Tot Ion: 76 Resp: 15103

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.0#



#18

Methyl Acetate

Concen: 125.709 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006799.D

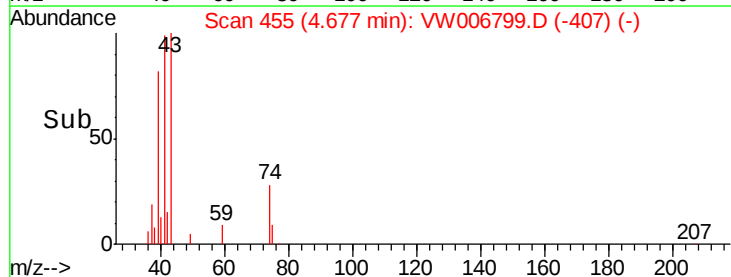
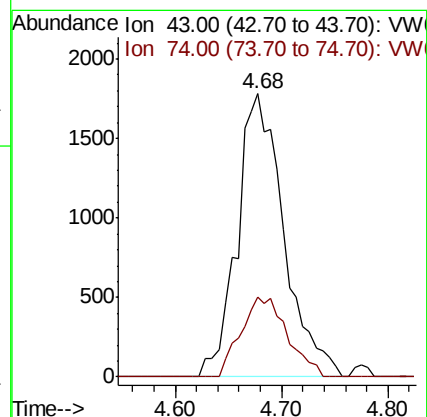
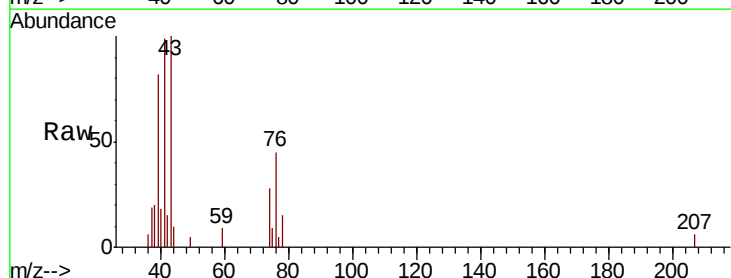
Acq: 09 Nov 2018 21:06

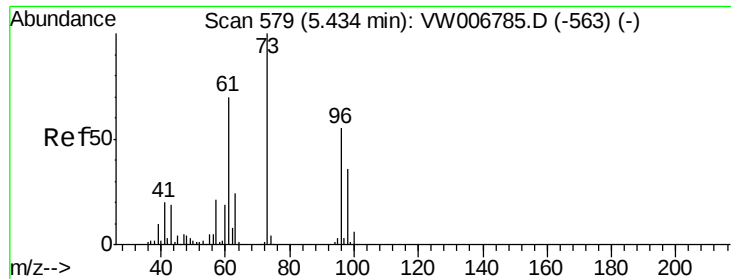
Tgt Ion: 43 Resp: 5468

Ion Ratio Lower Upper

43 100

74 28.0 21.8 32.8

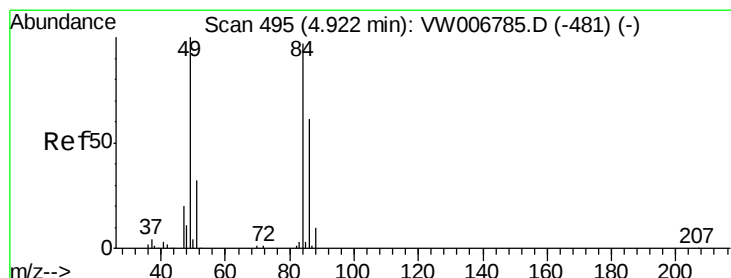
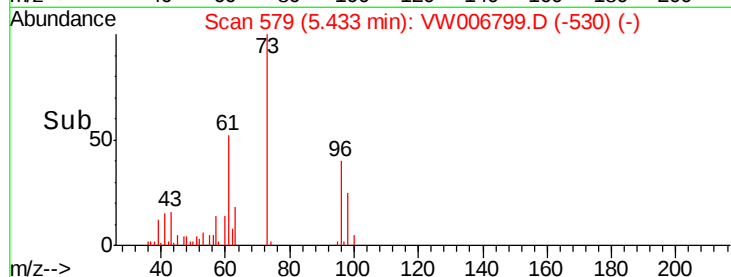
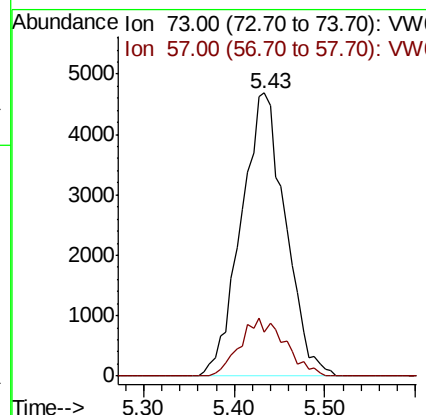
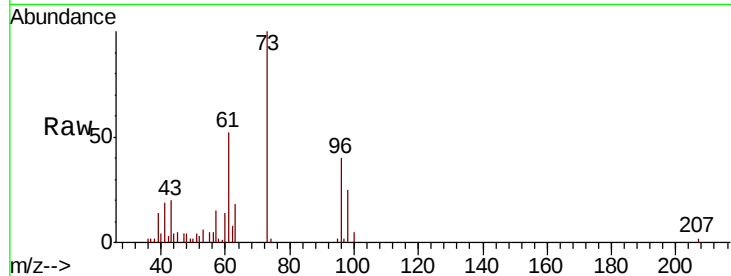




#19
Methyl tert-butyl Ether
Concen: 77.286 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

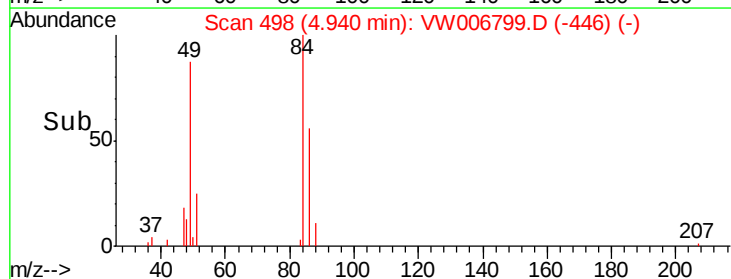
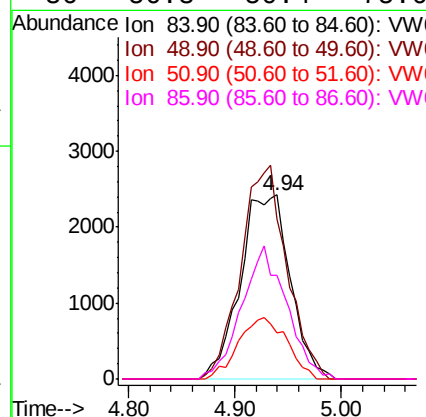
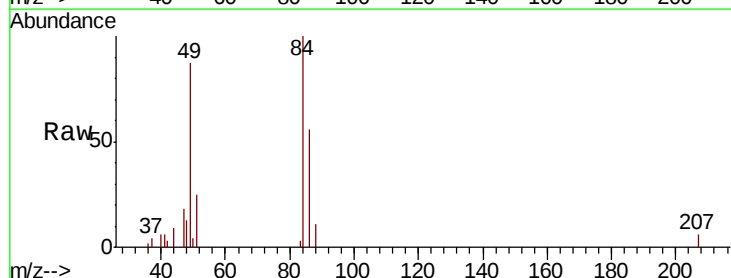
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

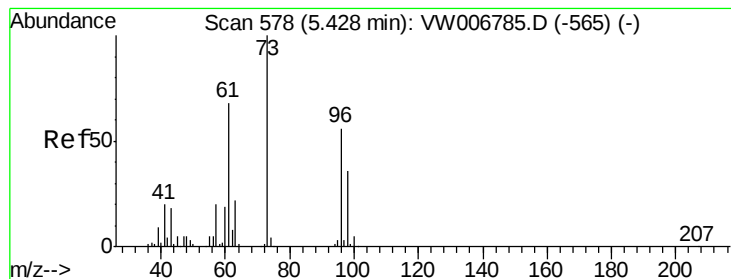
Tot Ion: 73 Resp: 15800
Ion Ratio Lower Upper
73 100
57 15.5 17.0 25.6#



#20
Methylene Chloride
Concen: 82.141 ug/l
RT: 4.94 min Scan# 498
Delta R.T. 0.02 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 84 Resp: 7977
Ion Ratio Lower Upper
84 100
49 87.3 82.4 123.6
51 24.8 26.7 40.1#
86 56.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 58.485 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

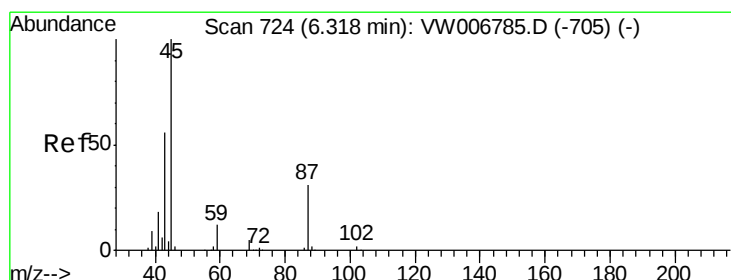
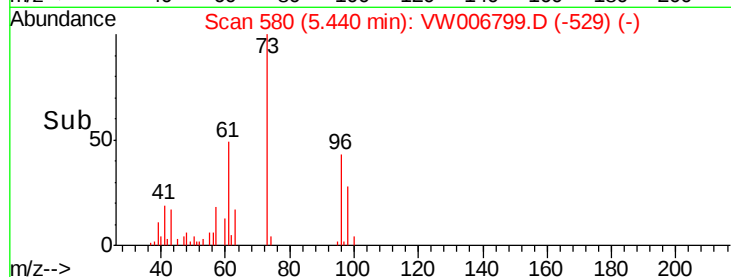
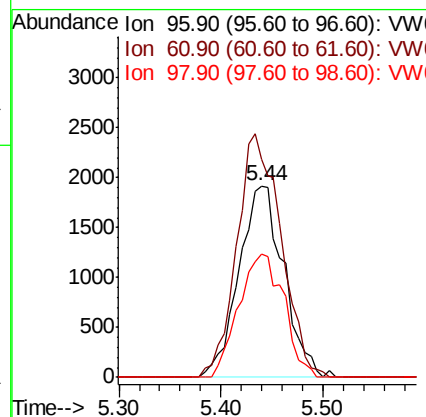
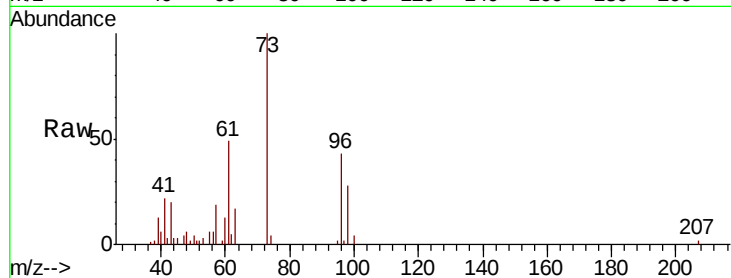
Tot Ion: 96 Resp: 5839

Ion Ratio Lower Upper

96 100

61 114.2 97.6 146.4

98 64.5 51.6 77.4



#22

Diisopropyl ether

Concen: 65.710 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion: 45 Resp: 15581

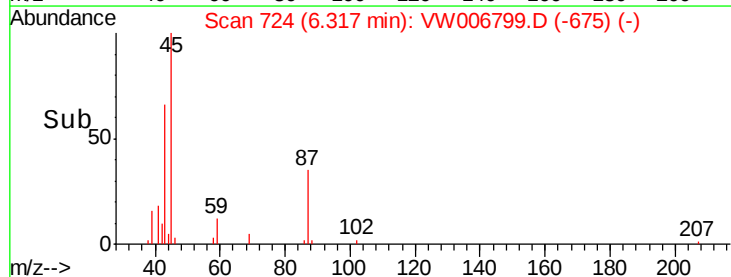
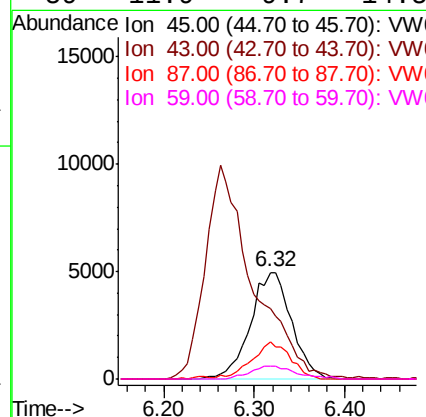
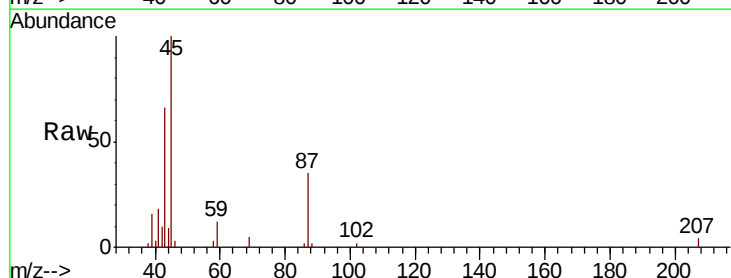
Ion Ratio Lower Upper

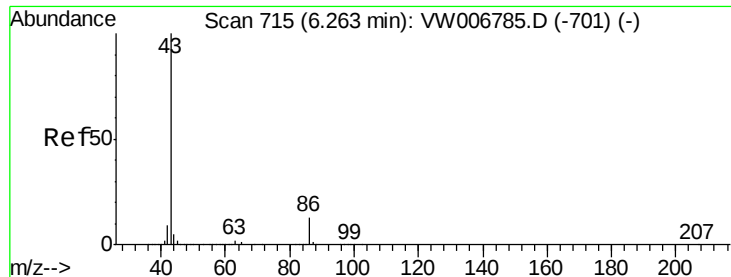
45 100

43 64.1 44.6 66.8

87 35.1 25.5 38.3

59 11.9 9.7 14.5





#23

Vinyl Acetate

Concen: 270.674 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

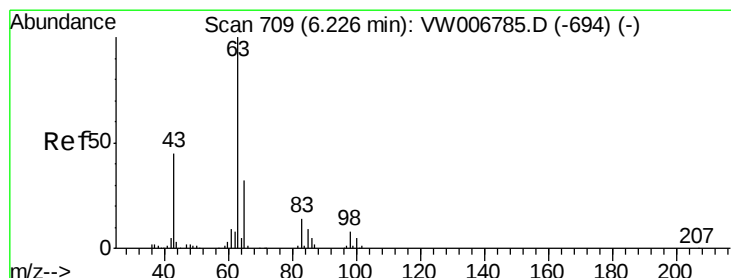
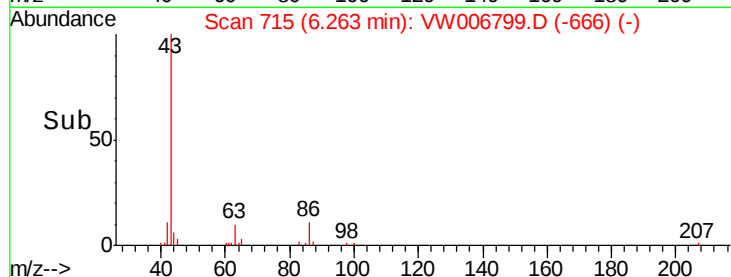
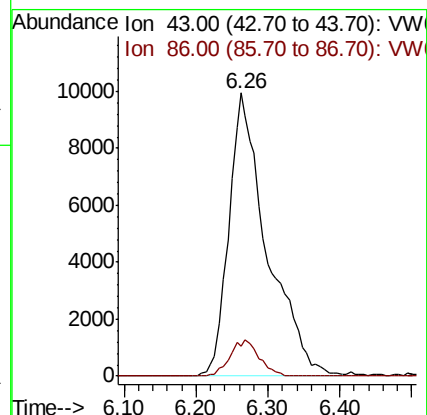
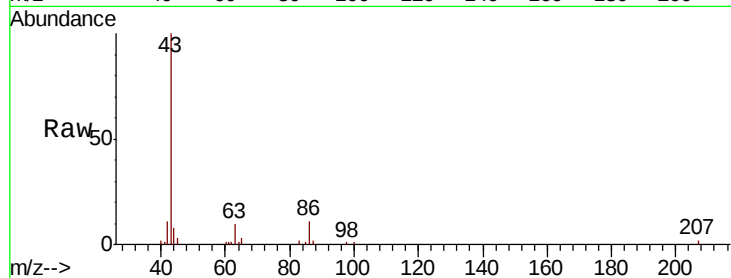
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 36605

Ion Ratio Lower Upper

43 100

86 10.7 10.0 15.0



#24

1,1-Dichloroethane

Concen: 68.555 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

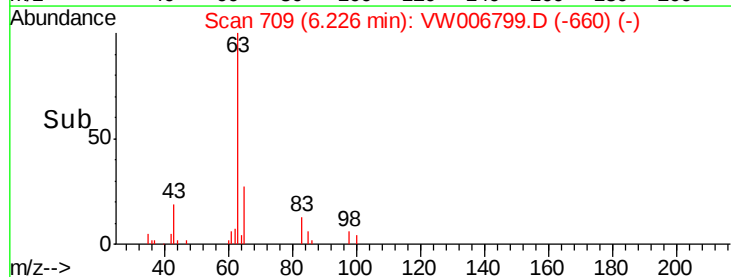
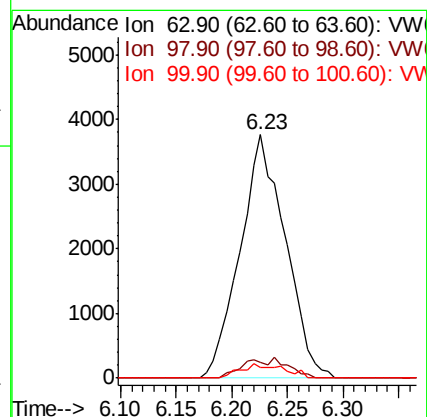
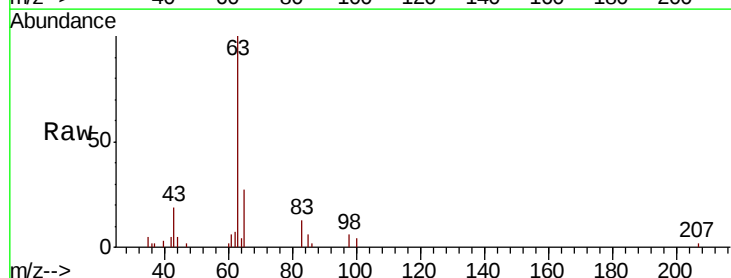
Tgt Ion: 63 Resp: 10634

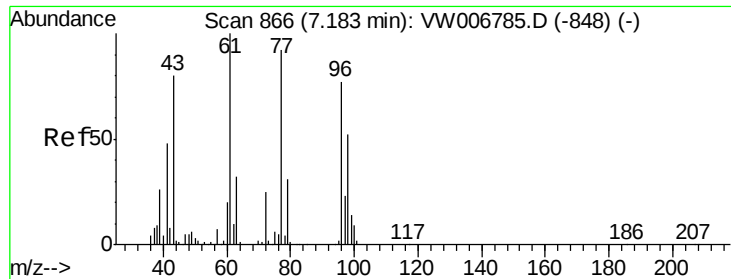
Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 480.018 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

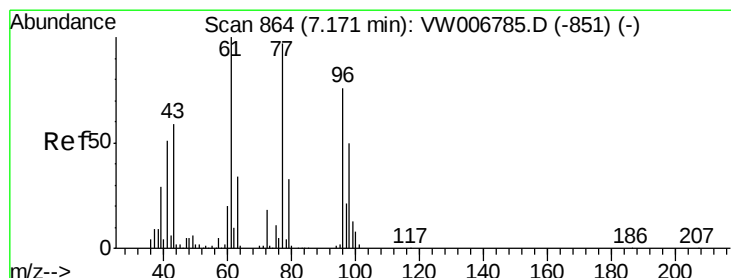
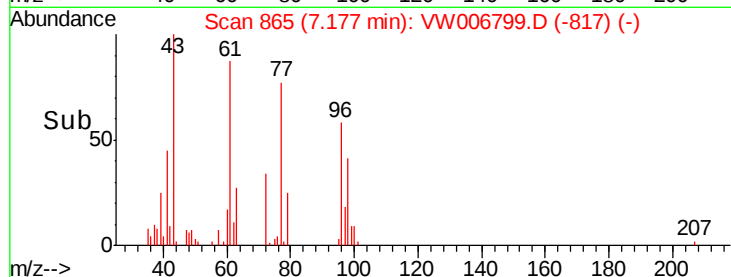
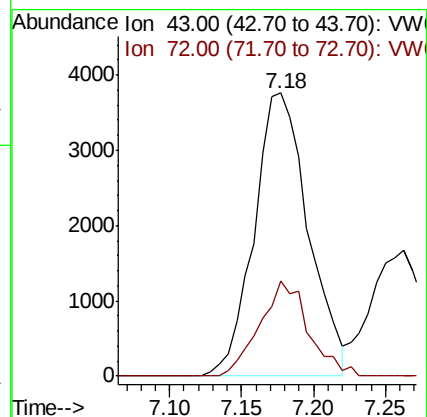
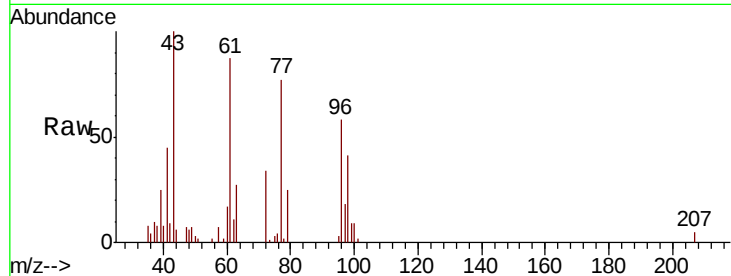
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 9824

Ion Ratio Lower Upper

43 100

72 33.8 24.5 36.7



#26

2,2-Dichloropropane

Concen: 55.282 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006799.D

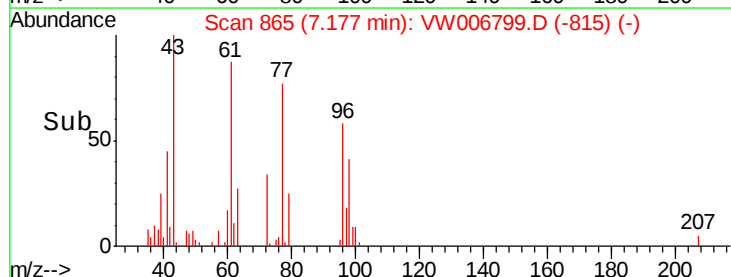
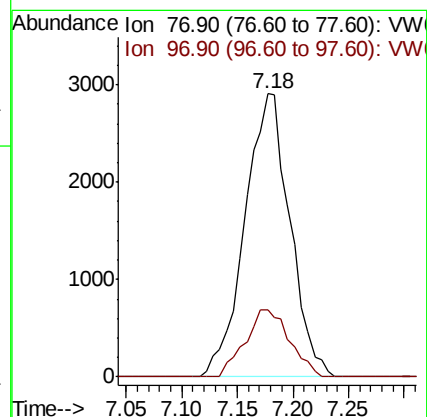
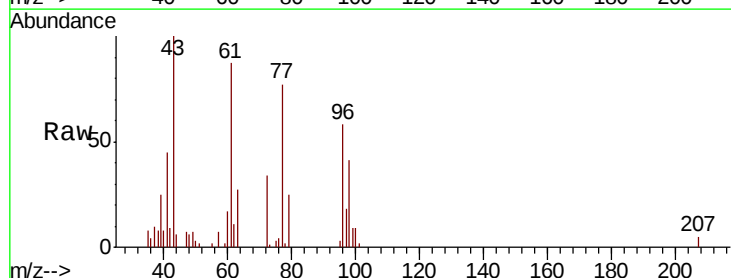
Acq: 09 Nov 2018 21:06

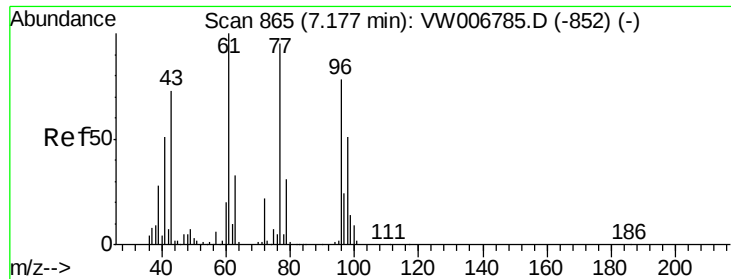
Tgt Ion: 77 Resp: 8170

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5



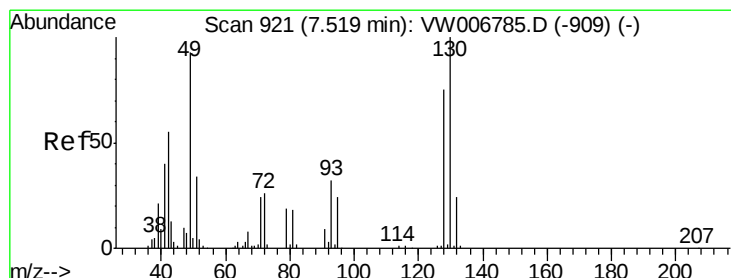
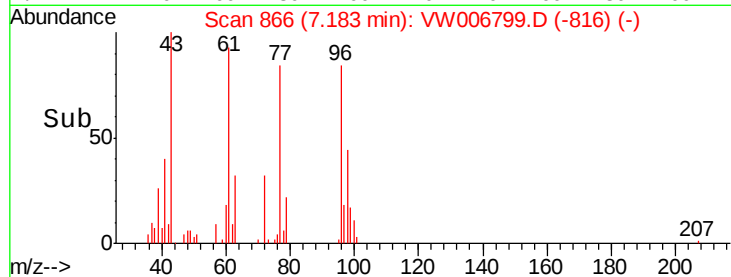
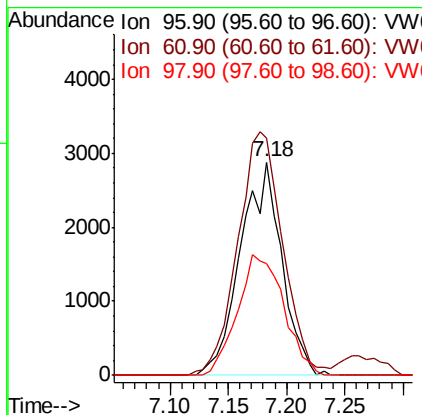
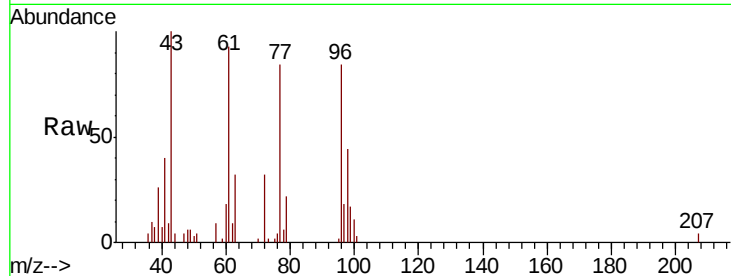


#27

cis-1,2-Dichloroethene
 Concen: 66.314 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

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

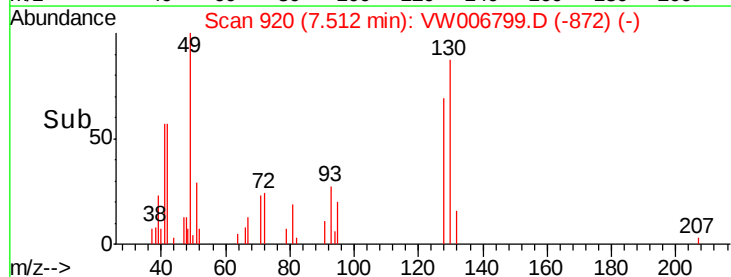
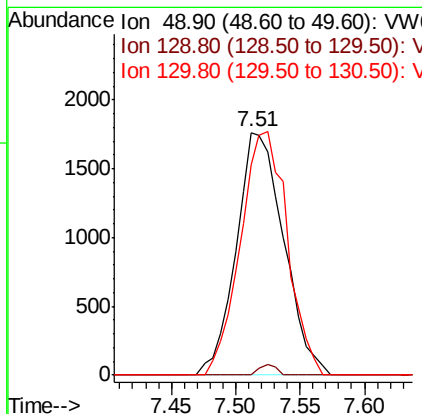
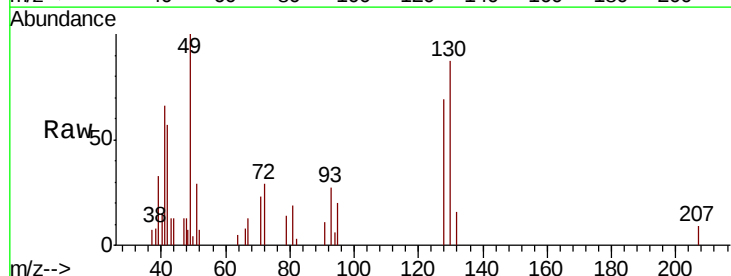
Tot Ion: 96 Resp: 7094
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 264.4
 98 63.4 0.0 130.0

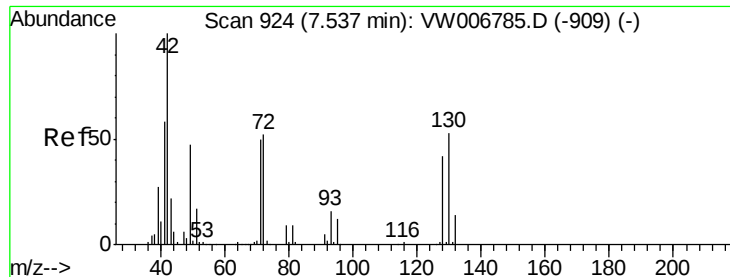


#28

Bromochloromethane
 Concen: 77.523 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion: 49 Resp: 4504
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.6
 130 98.7 81.5 122.3

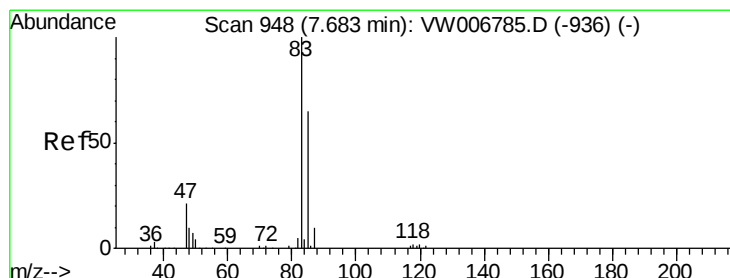
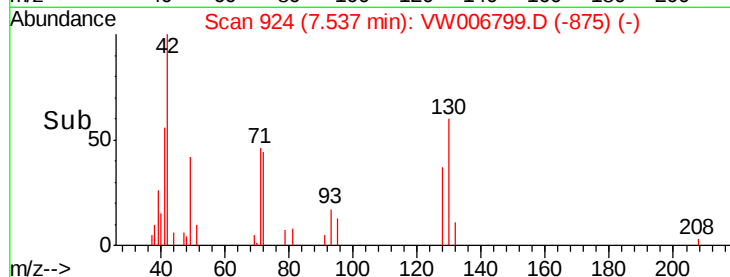
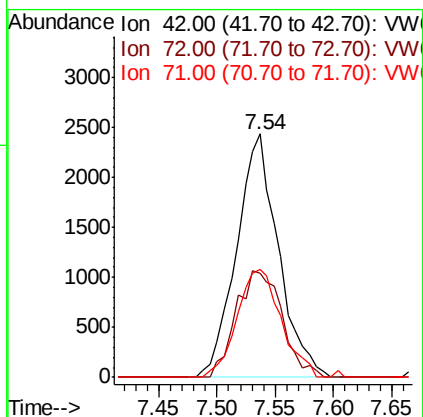
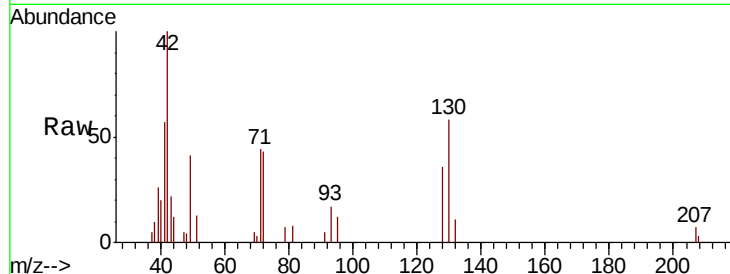




#29
Tetrahydrofuran
Concen: 453.858 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

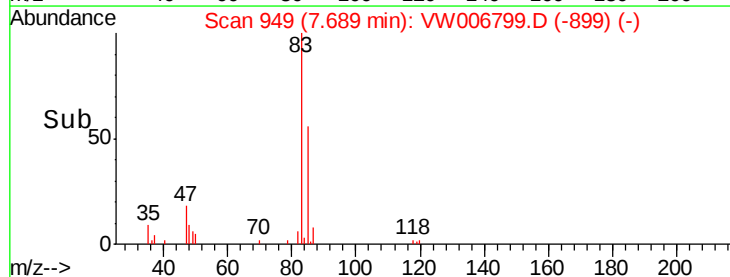
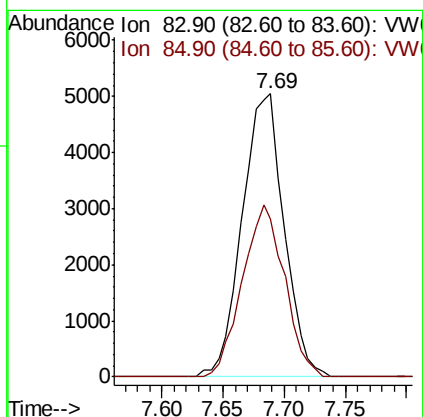
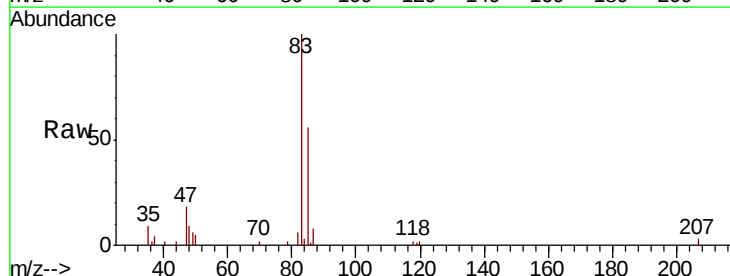
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

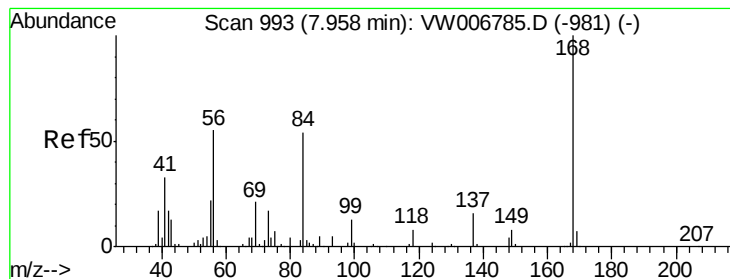
Tot Ion: 42 Resp: 6088
Ion Ratio Lower Upper
42 100
72 48.5 39.8 59.8
71 46.8 37.8 56.6



#30
Chloroform
Concen: 69.970 ug/l
RT: 7.69 min Scan# 949
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 83 Resp: 12026
Ion Ratio Lower Upper
83 100
85 55.6 52.1 78.1





#31

Cyclohexane

Concen: 48.456 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

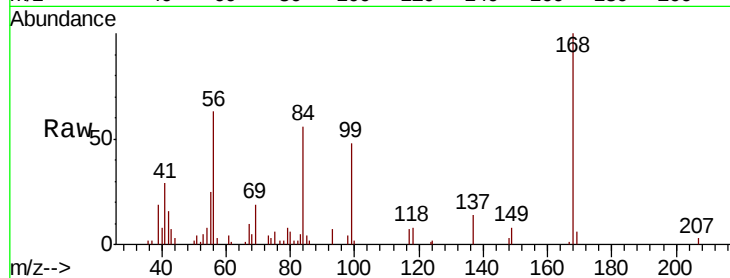
Tot Ion: 56 Resp: 7741

Ion Ratio Lower Upper

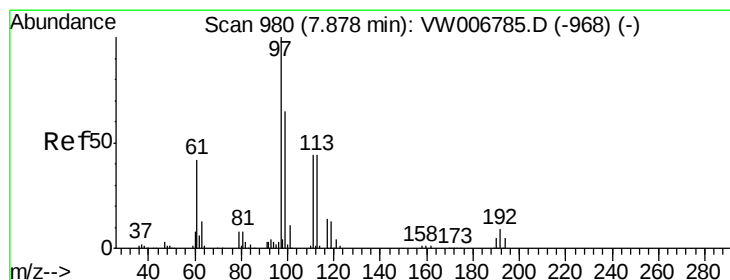
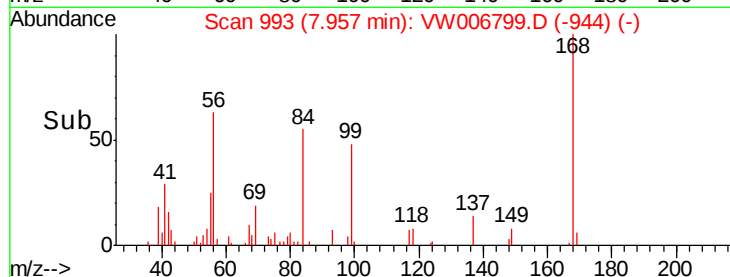
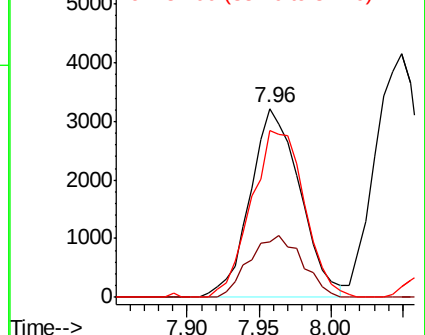
56 100

69 29.4 30.3 45.5#

84 88.2 78.2 117.2



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: 57.173 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

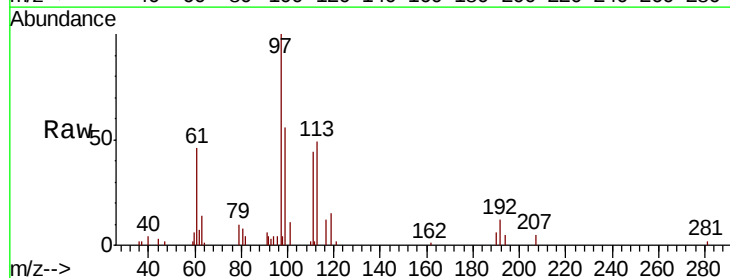
Tgt Ion: 97 Resp: 9326

Ion Ratio Lower Upper

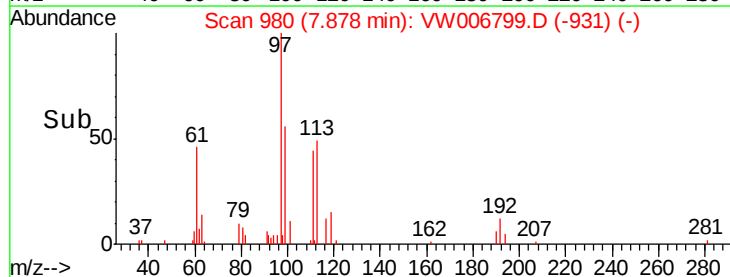
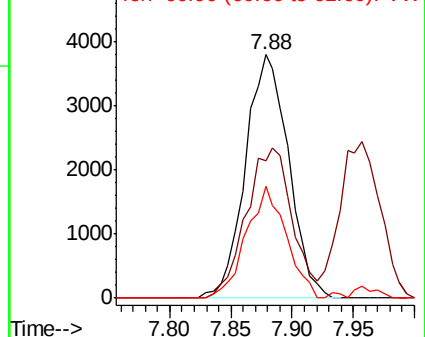
97 100

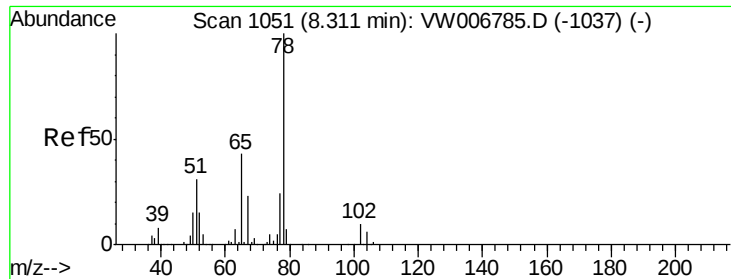
99 65.6 51.4 77.2

61 42.5 32.7 49.1



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: 73.502 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

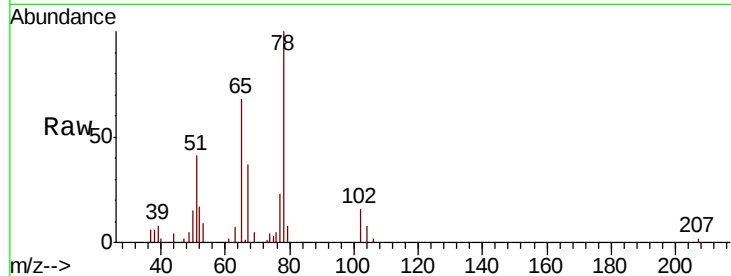
EP2-SB-104(15-17)

Tot Ion: 65 Resp: 6294

Ion Ratio Lower Upper

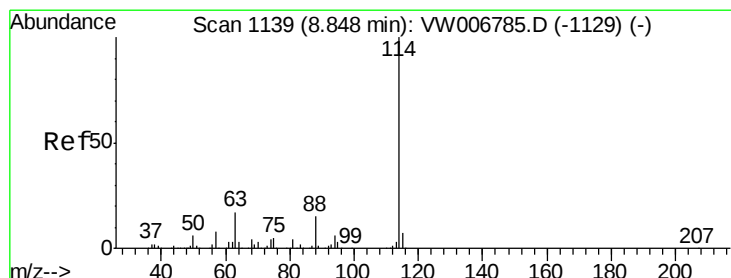
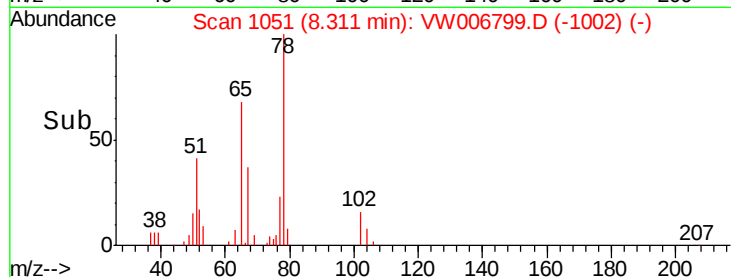
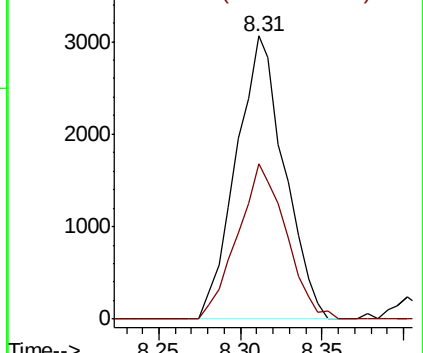
65 100

67 55.1 0.0 107.2



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: VW006799.D

Acq: 09 Nov 2018 21:06

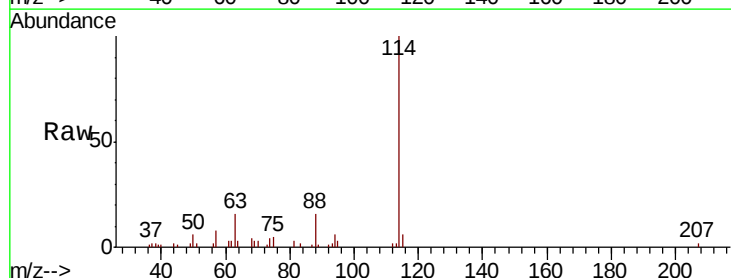
Tgt Ion: 114 Resp: 17215

Ion Ratio Lower Upper

114 100

63 15.9 0.0 34.0

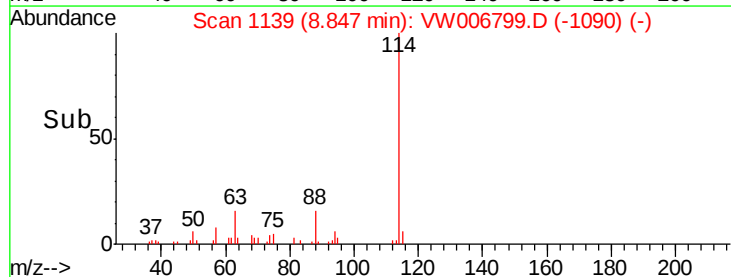
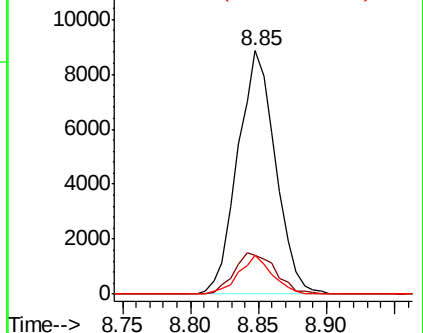
88 16.1 0.0 29.2

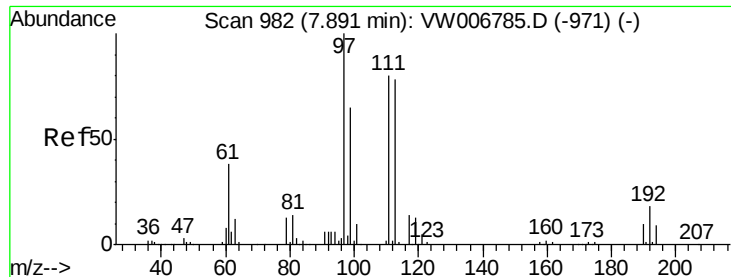


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

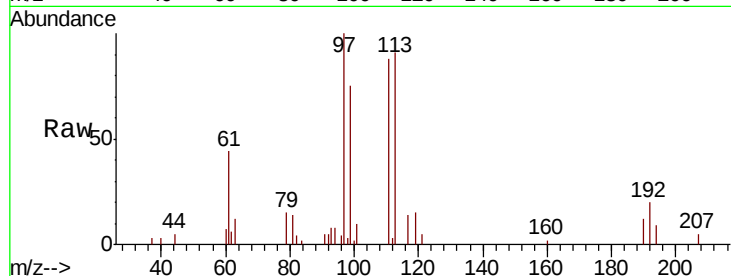




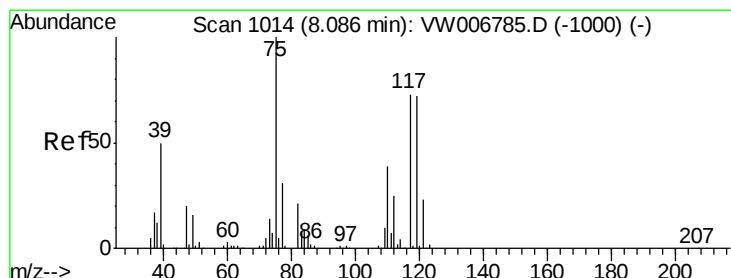
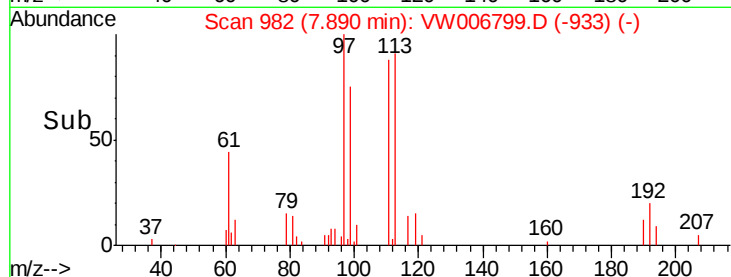
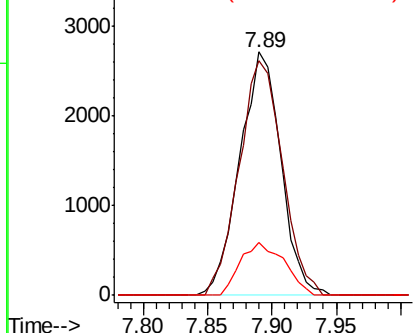
#35
 Dibromofluoromethane
 Concen: 61.122 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

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

Tot Ion:113 Resp: 5989
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 23.0 19.1 28.7

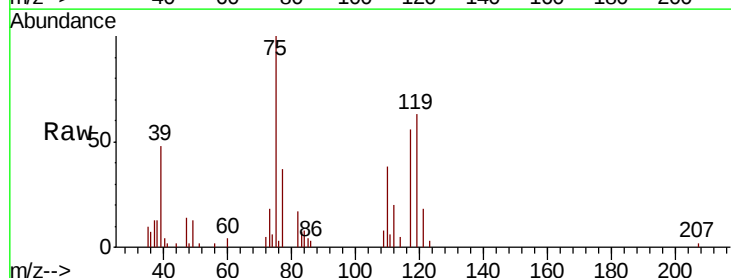


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

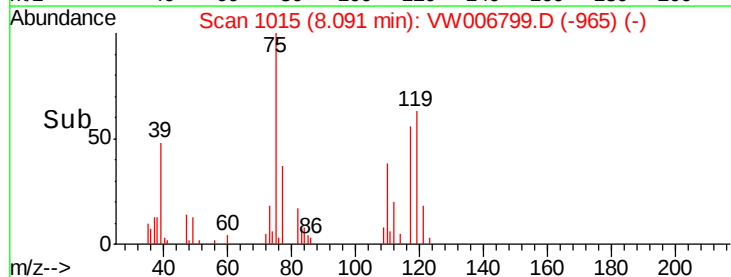
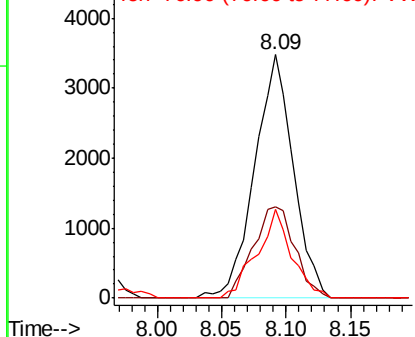


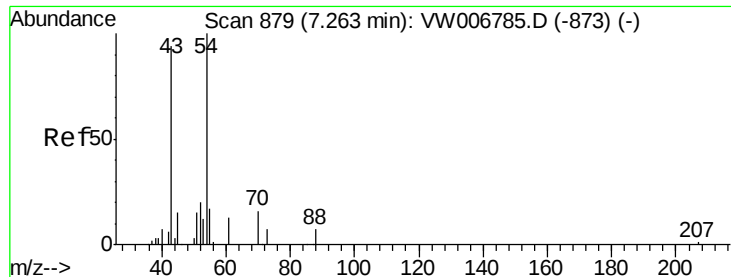
#36
 1,1-Dichloropropene
 Concen: 46.456 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion: 75 Resp: 7257
 Ion Ratio Lower Upper
 75 100
 110 40.2 19.6 58.7
 77 33.0 24.9 37.3



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

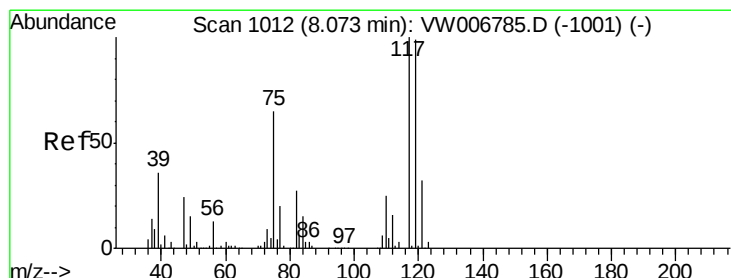
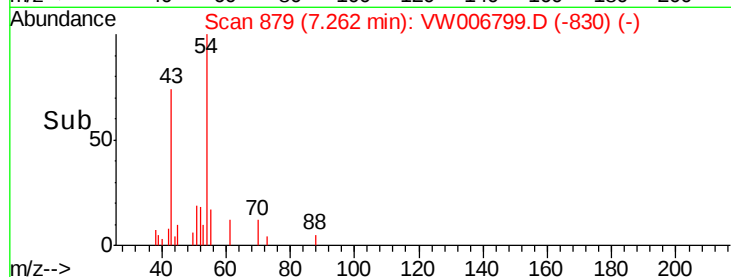
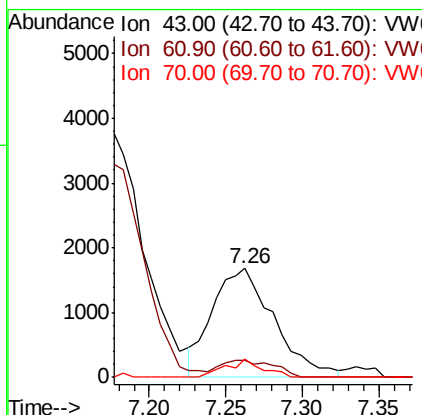
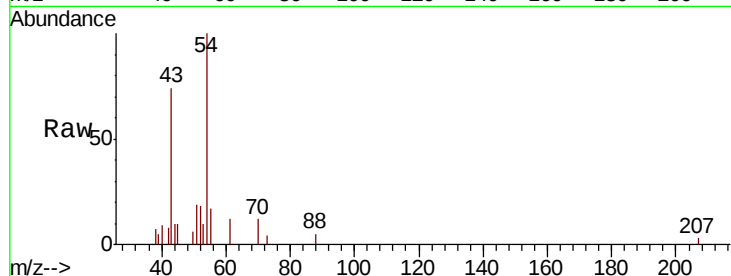




#37
Ethyl Acetate
Concen: 85.155 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

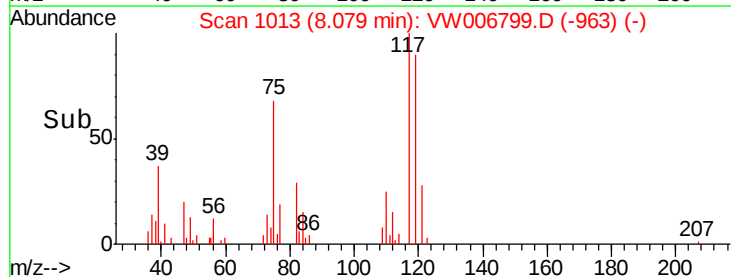
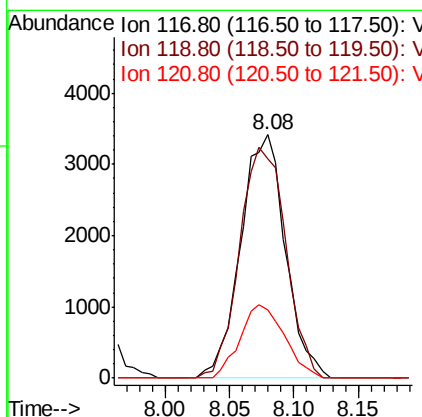
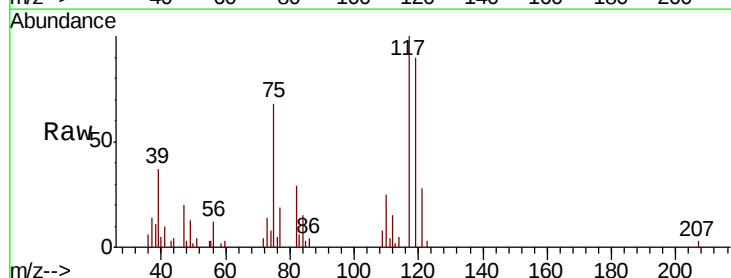
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

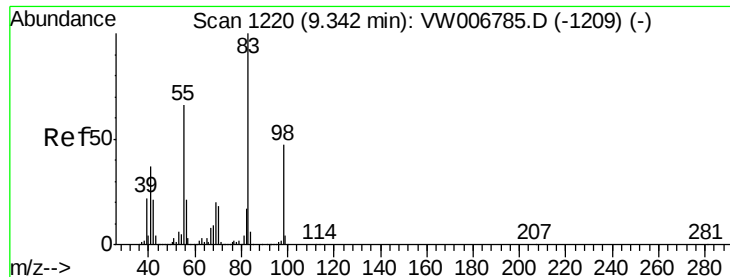
Tot Ion: 43 Resp: 4724
Ion Ratio Lower Upper
43 100
61 13.5 12.2 18.2
70 10.0 9.8 14.8



#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 117 Resp: 8210
Ion Ratio Lower Upper
117 100
119 90.0 78.9 118.3
121 28.0 25.3 37.9

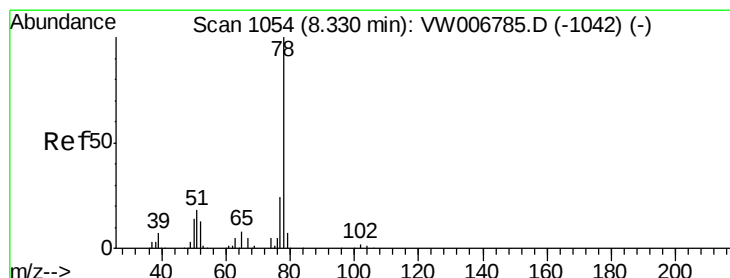
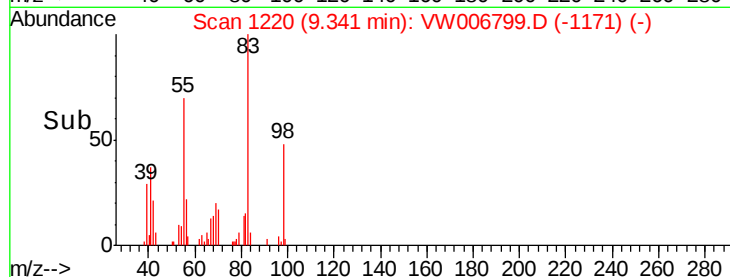
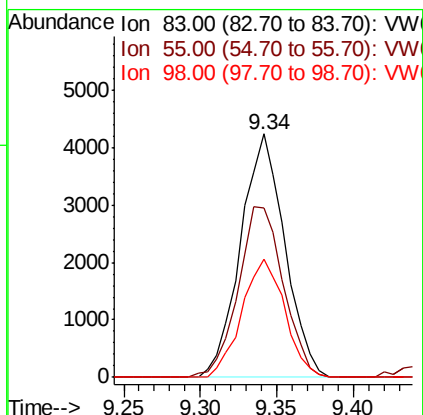
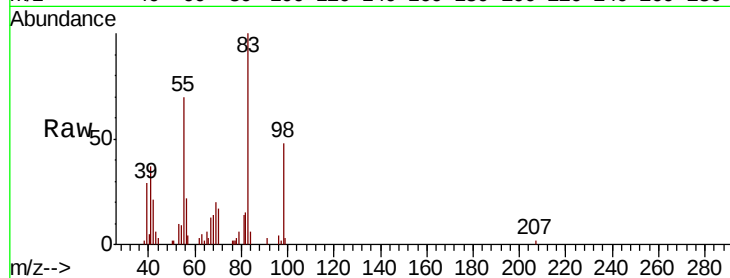




#39
Methvlcvclohexane
Concen: 42.722 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

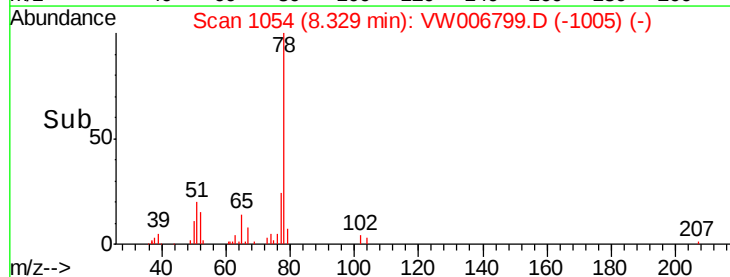
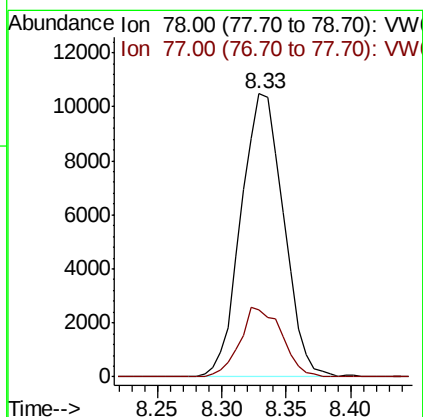
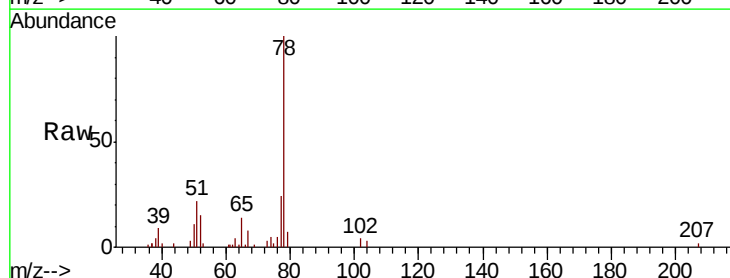
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

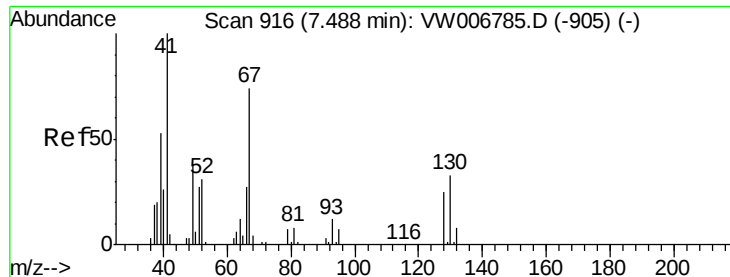
Tot Ion: 83 Resp: 8497
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.4
98 48.5 37.9 56.9



#40
Benzene
Concen: 54.547 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 78 Resp: 24061
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

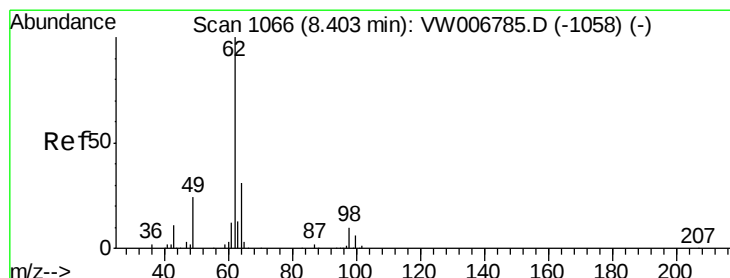
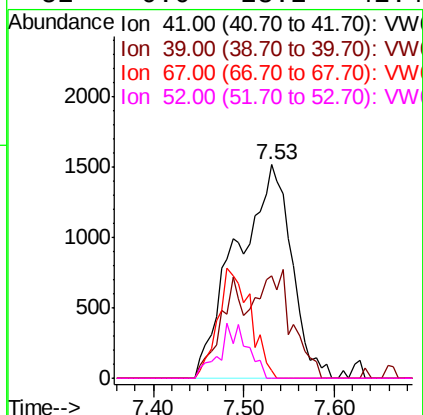
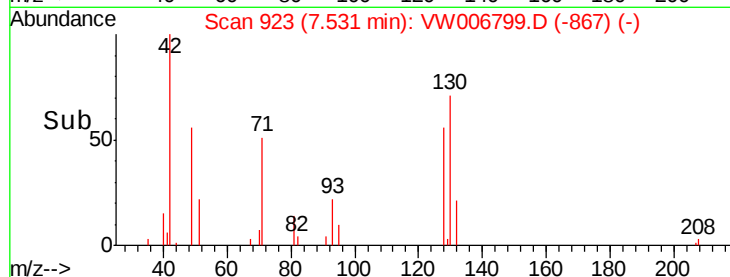
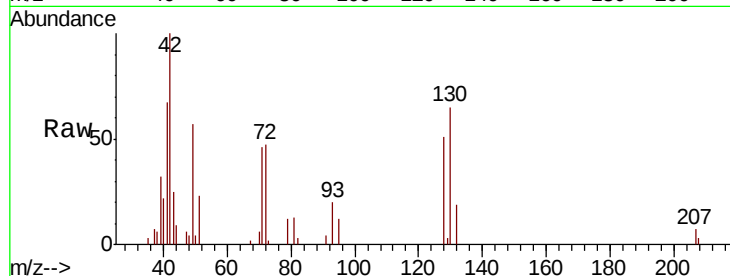




#41
Methacrylonitrile
Concen: 197.176 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

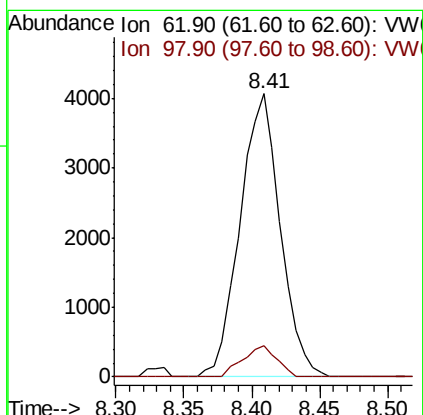
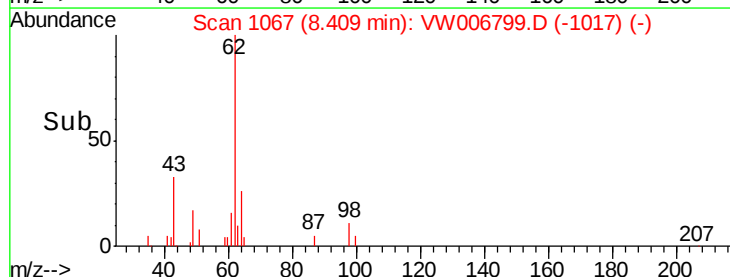
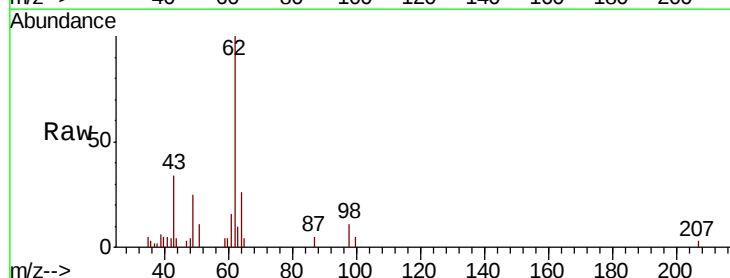
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

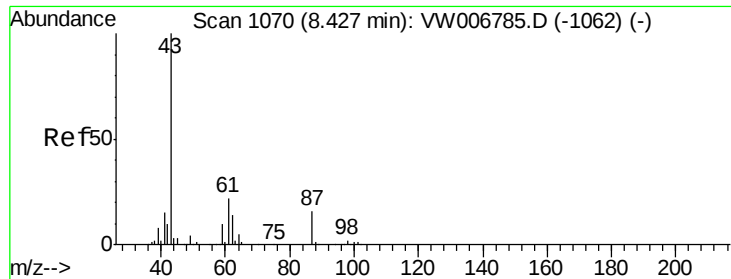
Tot Ion: 41 Resp: 6346
Ion Ratio Lower Upper
41 100
39 31.2 49.3 73.9#
67 0.0 69.3 103.9#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 69.968 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 62 Resp: 8401
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 75.944 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

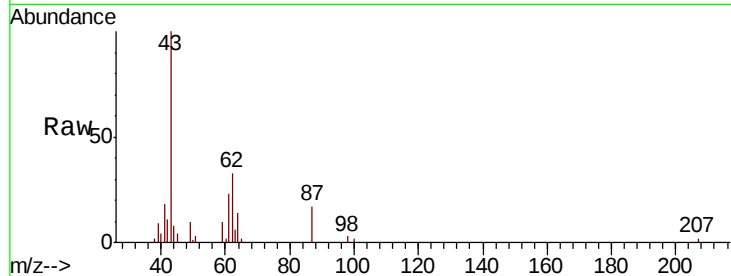
Tot Ion: 43 Resp: 7898

Ion Ratio Lower Upper

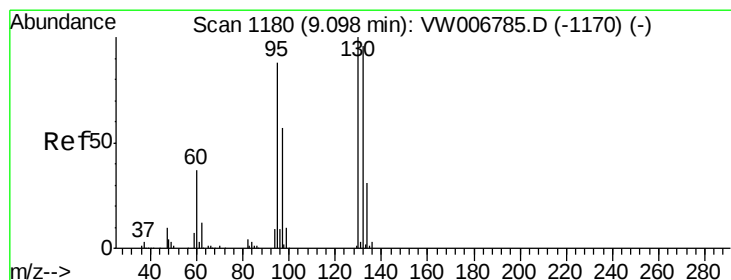
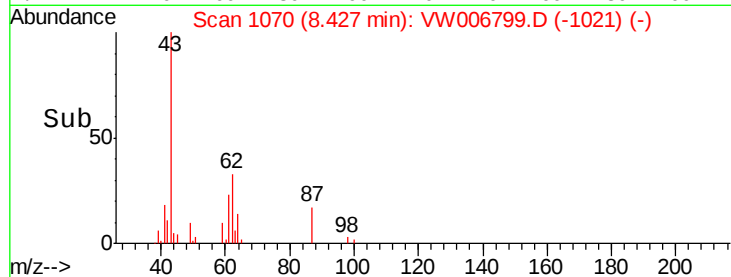
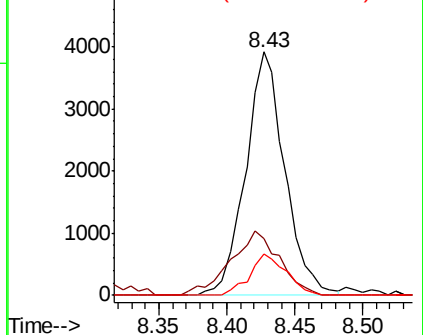
43 100

61 32.5 26.5 39.7

87 15.9 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.647 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006799.D

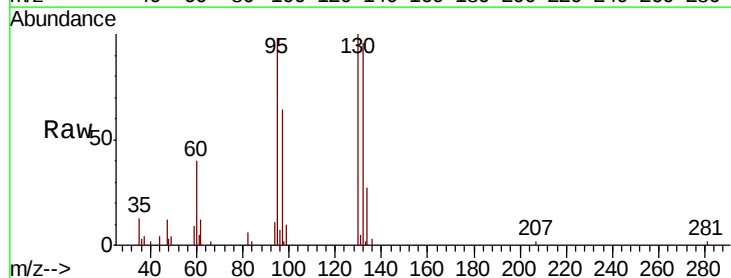
Acq: 09 Nov 2018 21:06

Tgt Ion:130 Resp: 6869

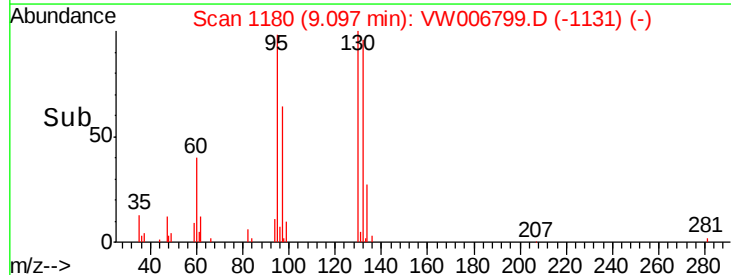
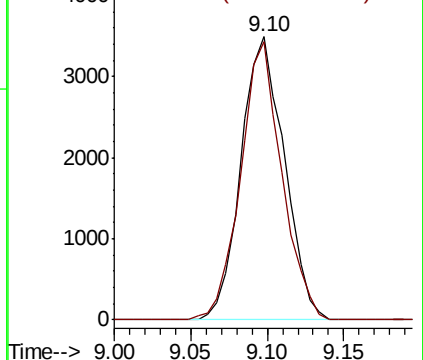
Ion Ratio Lower Upper

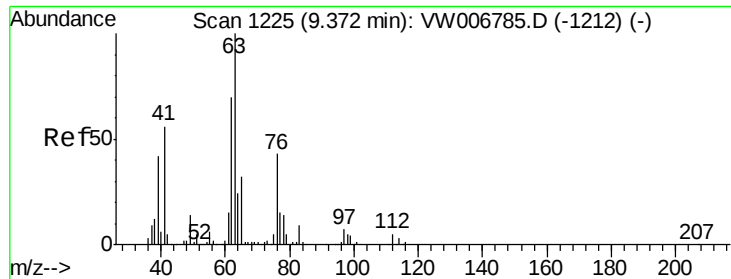
130 100

95 98.3 0.0 175.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 60.995 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

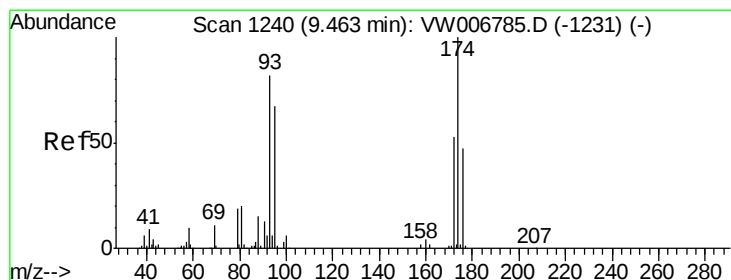
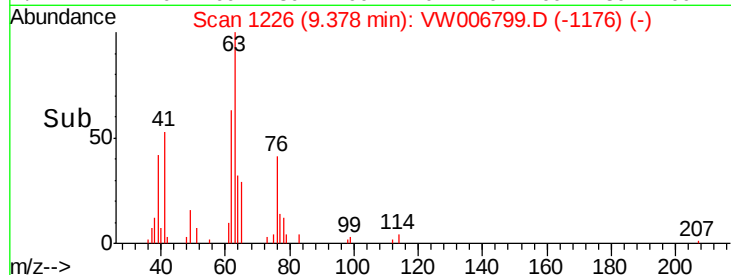
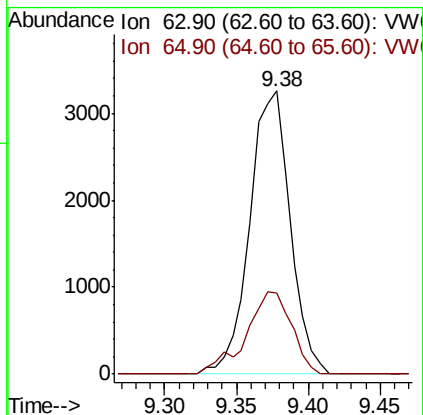
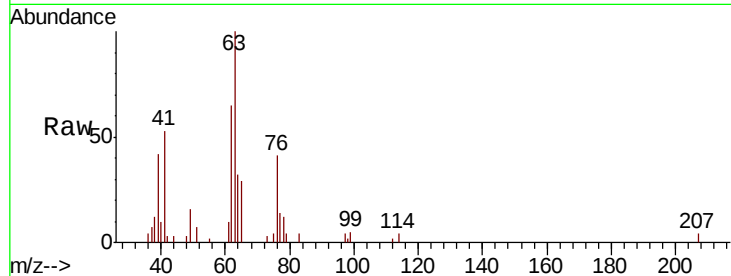
EP2-SB-104(15-17)

Tot Ion: 63 Resp: 6319

Ion Ratio Lower Upper

63 100

65 28.6 25.5 38.3



#46

Dibromomethane

Concen: 71.677 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

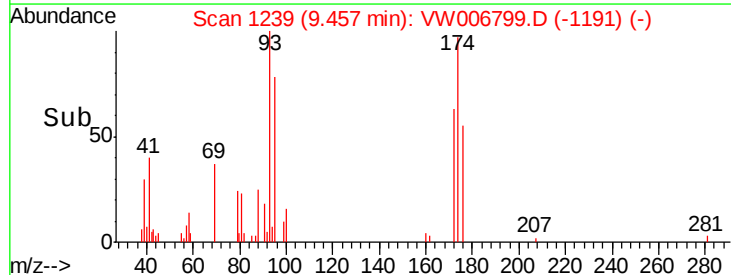
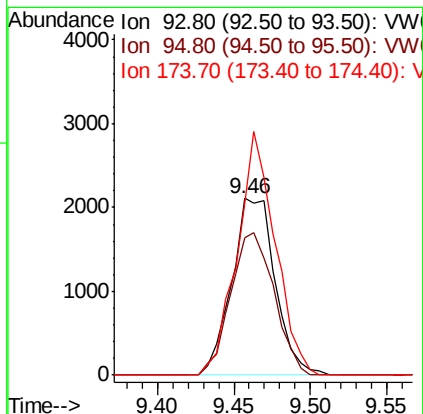
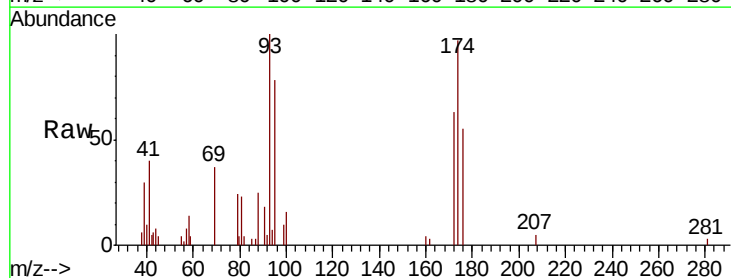
Tgt Ion: 93 Resp: 4169

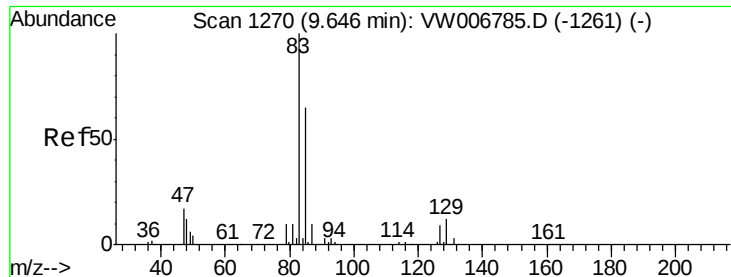
Ion Ratio Lower Upper

93 100

95 80.4 65.4 98.0

174 119.8 96.4 144.6





#47

Bromodichloromethane

Concen: 59.126 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

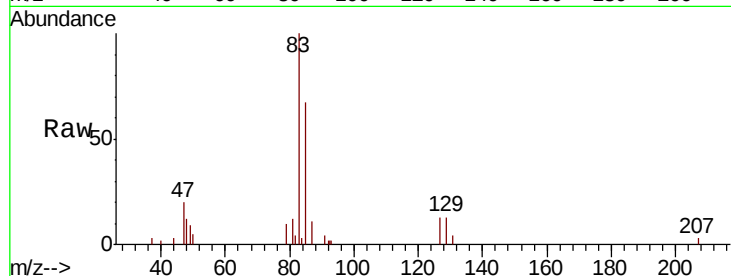
Tot Ion: 83 Resp: 8345

Ion Ratio Lower Upper

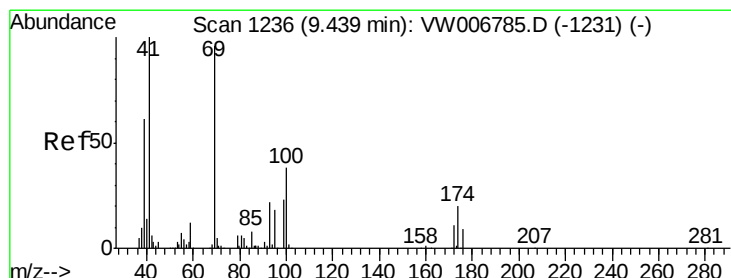
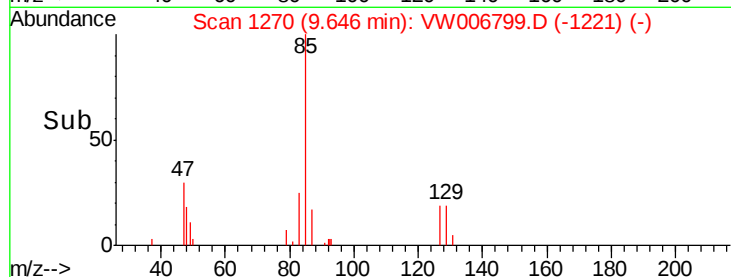
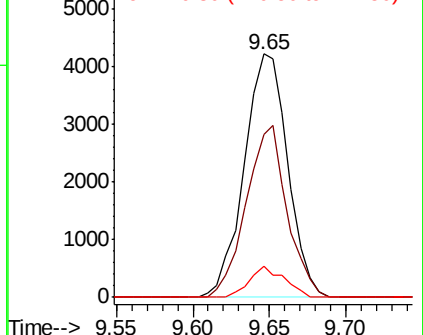
83 100

85 67.0 51.6 77.4

127 12.6 7.4 11.2#



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): V



#48

Methyl methacrylate

Concen: 71.969 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

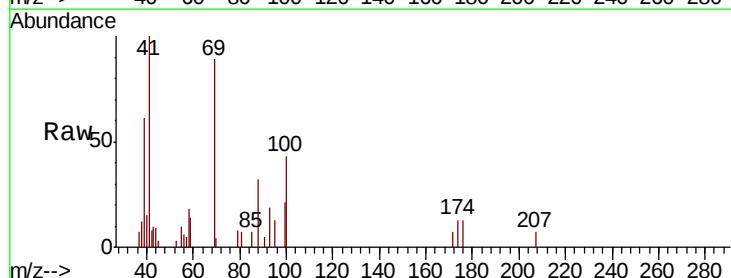
Tgt Ion: 41 Resp: 3525

Ion Ratio Lower Upper

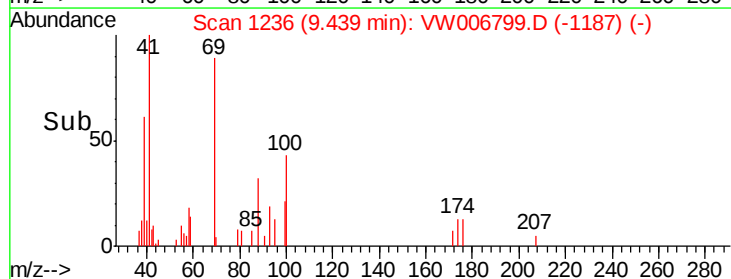
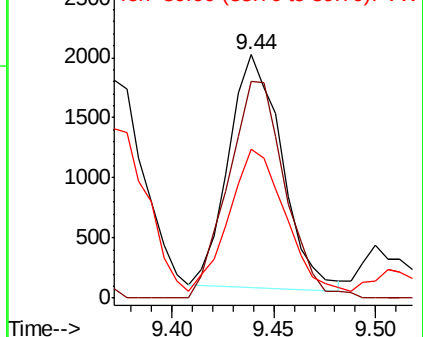
41 100

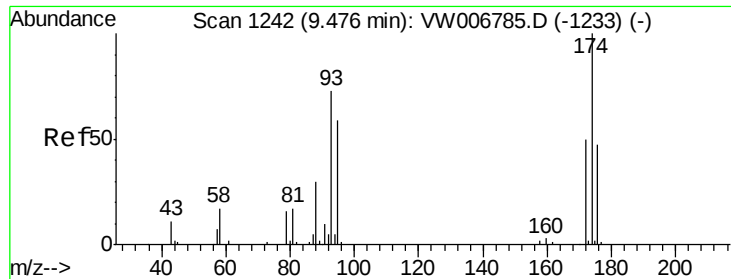
69 99.0 81.5 122.3

39 70.8 48.0 72.0



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: 1562.975 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

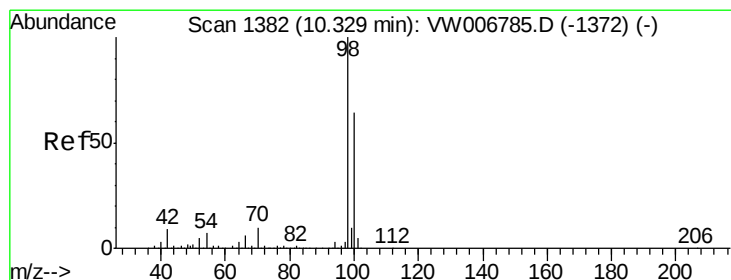
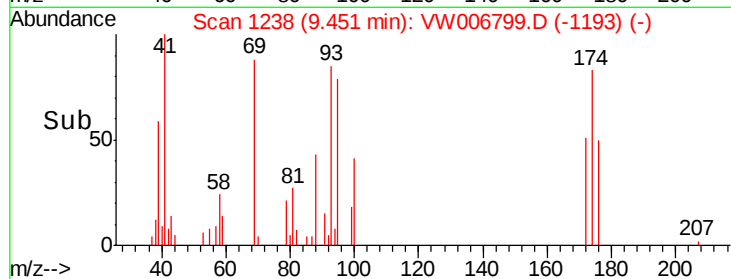
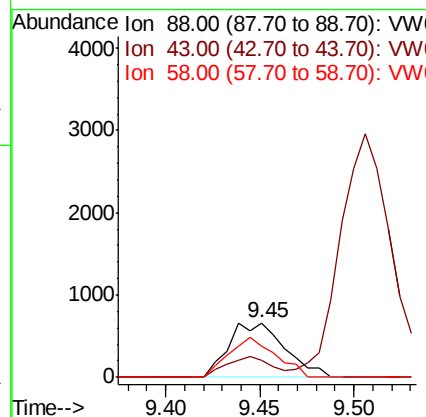
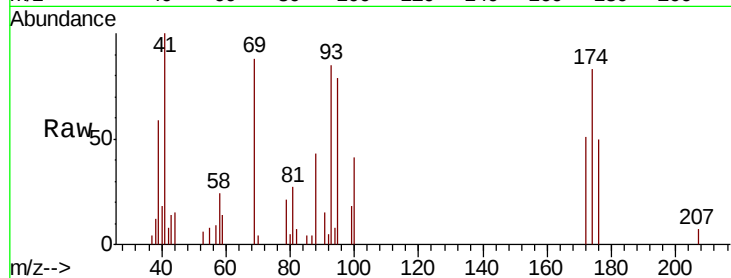
Tot Ion: 88 Resp: 1361

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 61.4 53.7 80.5



#50

Toluene-d8

Concen: 45.938 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006799.D

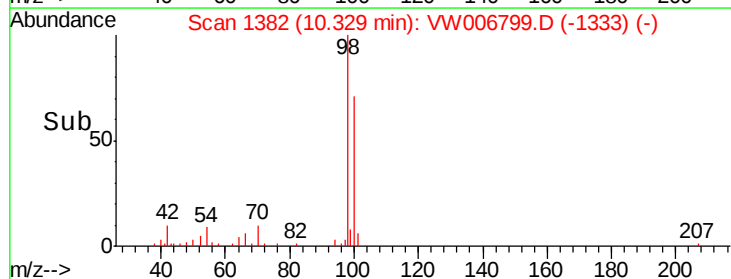
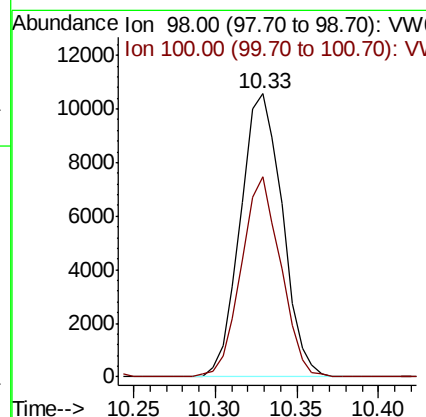
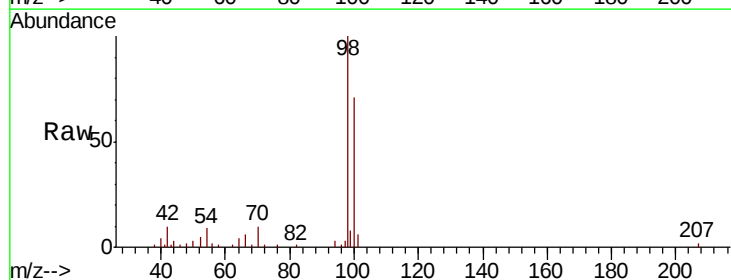
Acq: 09 Nov 2018 21:06

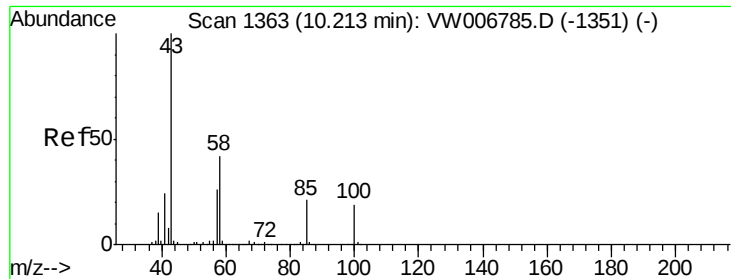
Tgt Ion: 98 Resp: 18944

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 377.797 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

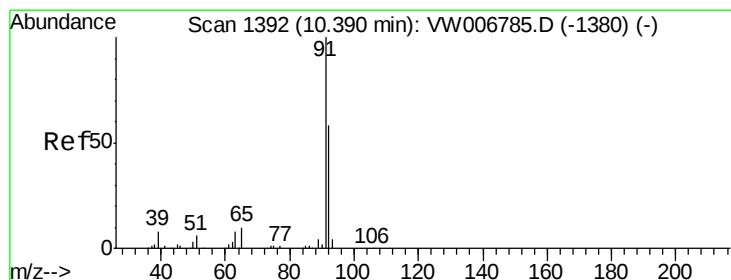
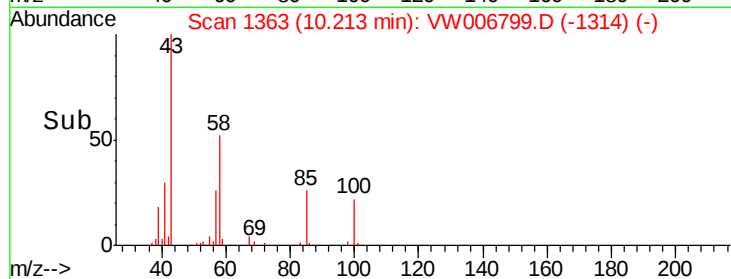
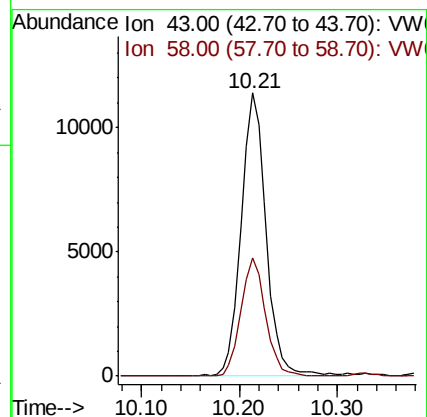
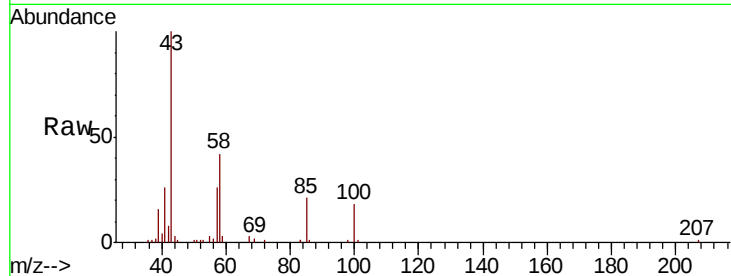
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 20186

Ion Ratio Lower Upper

43 100

58 41.1 33.2 49.8



#52

Toluene

Concen: 46.201 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006799.D

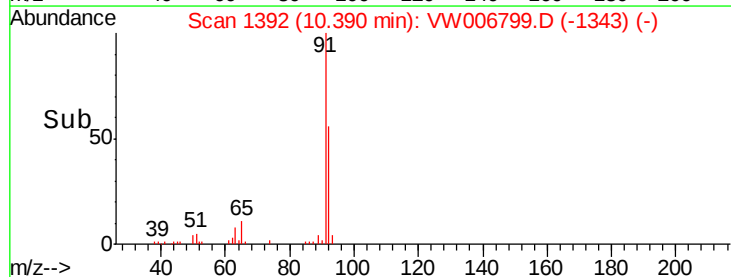
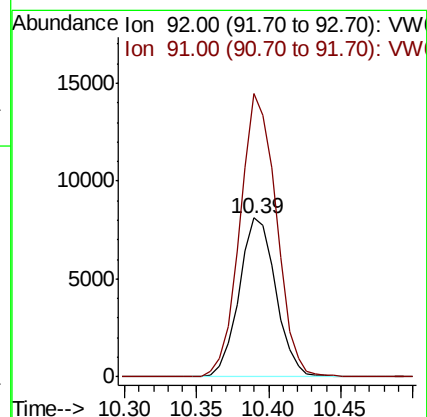
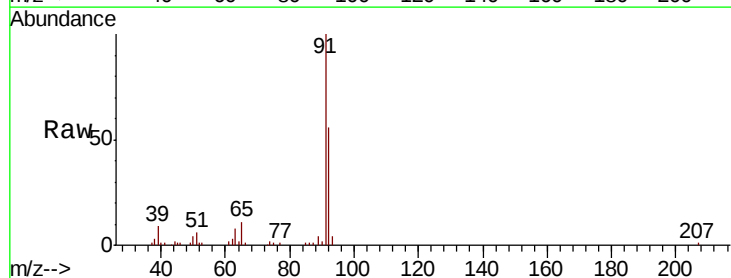
Acq: 09 Nov 2018 21:06

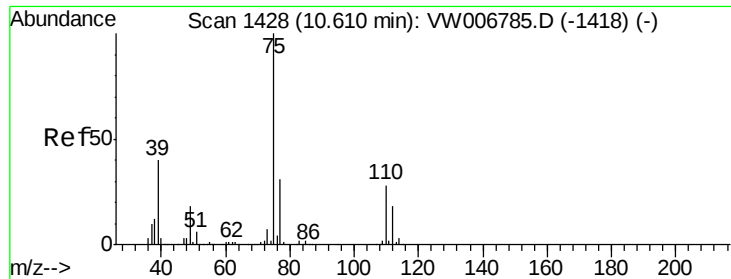
Tgt Ion: 92 Resp: 14328

Ion Ratio Lower Upper

92 100

91 177.0 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 56.460 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

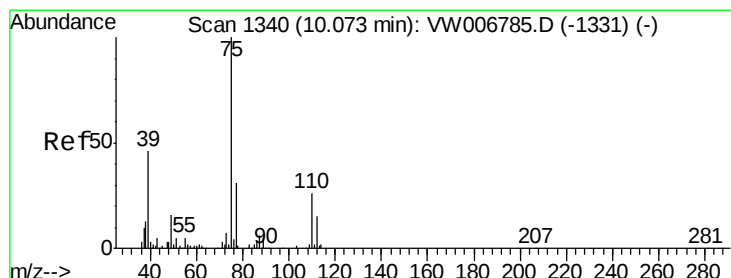
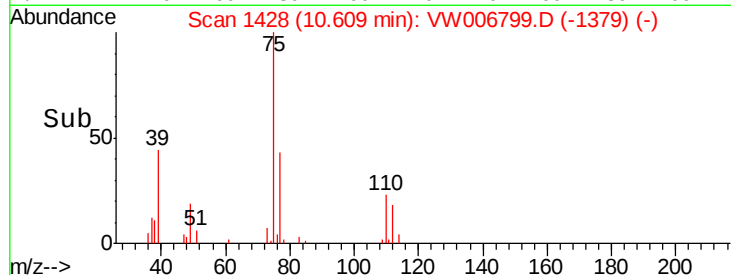
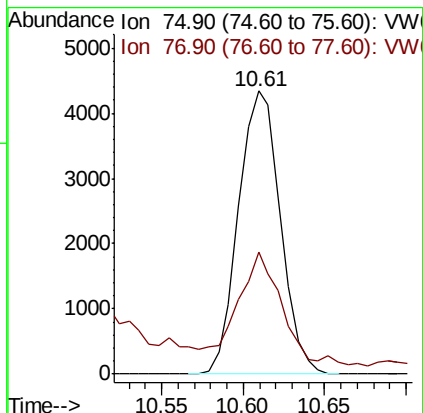
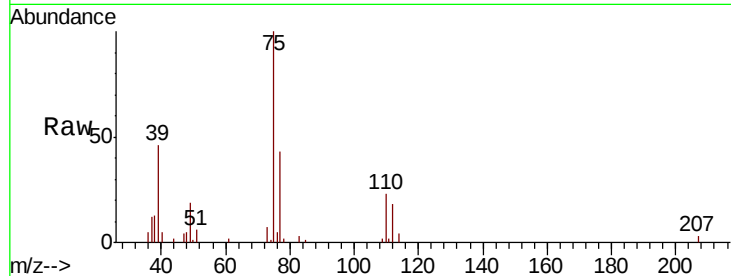
EP2-SB-104(15-17)

Tot Ion: 75 Resp: 7727

Ion Ratio Lower Upper

75 100

77 38.5 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 54.030 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

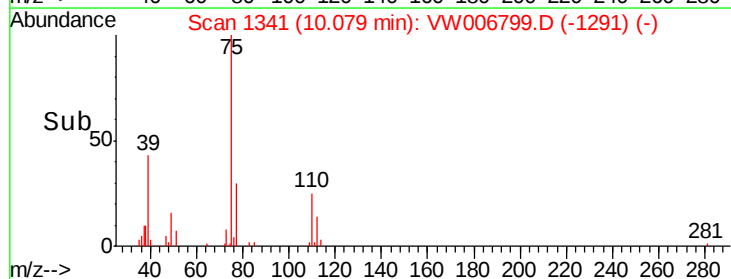
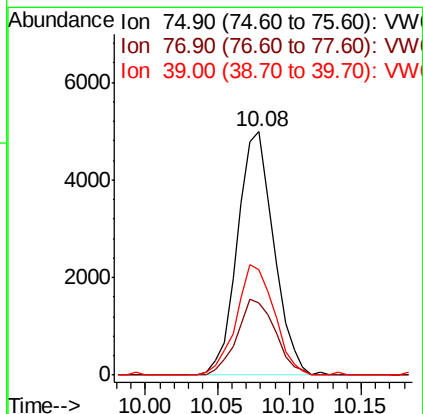
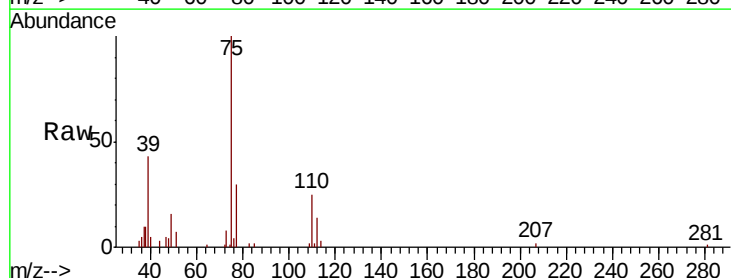
Tgt Ion: 75 Resp: 8767

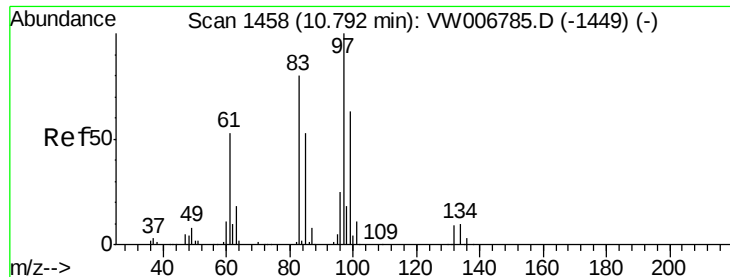
Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

39 43.3 37.1 55.7

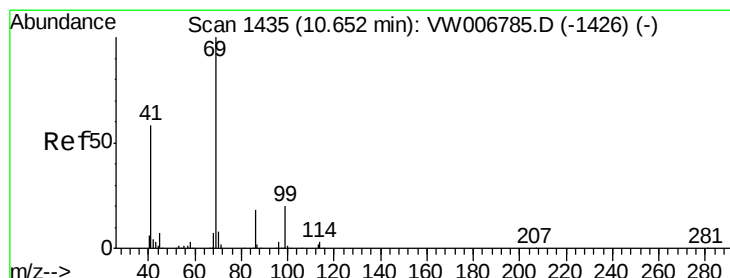
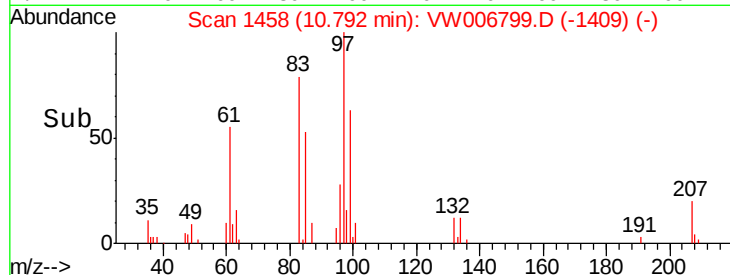
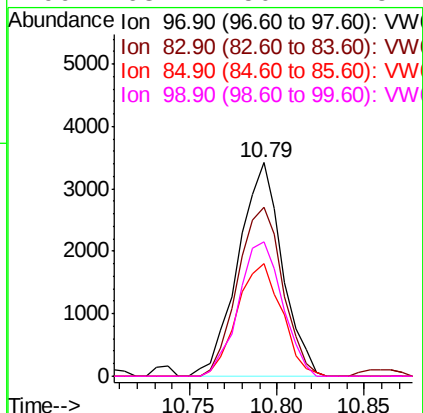
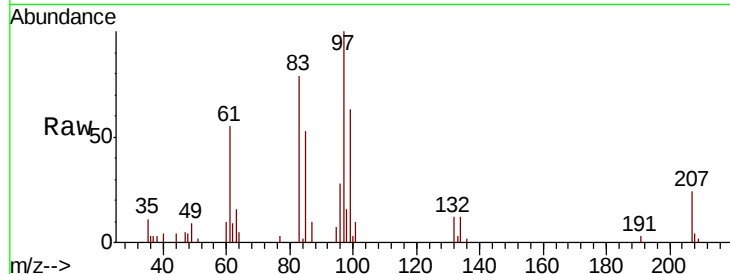




#55
 1,1,2-Trichloroethane
 Concen: 69.965 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

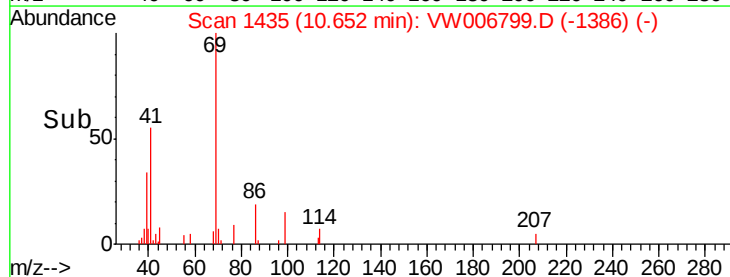
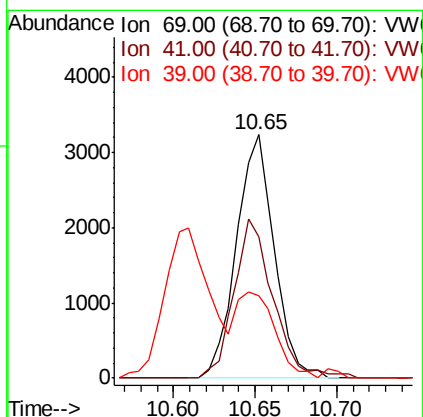
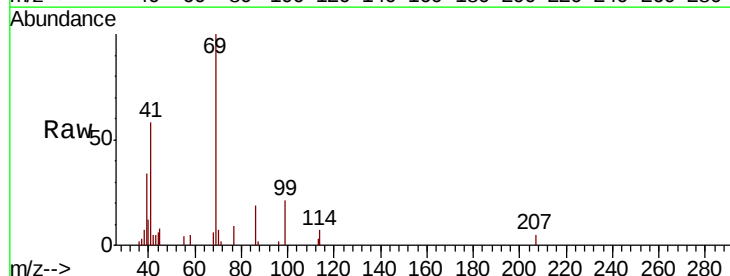
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

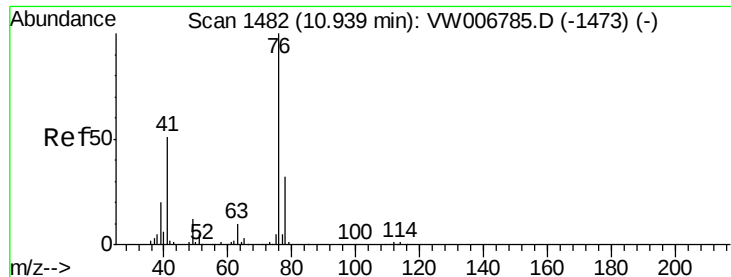
Tot Ion:	97	Resp:	5995
Ion	Ratio	Lower	Upper
97	100		
83	79.2	64.4	96.6
85	53.0	42.6	63.8
99	63.1	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 55.306 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion:	69	Resp:	5233
Ion	Ratio	Lower	Upper
69	100		
41	67.3	47.2	70.8
39	35.9	23.4	35.0#

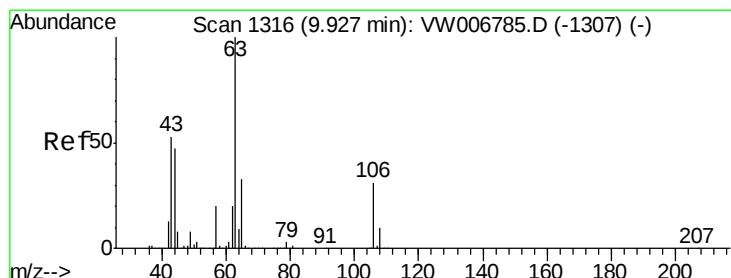
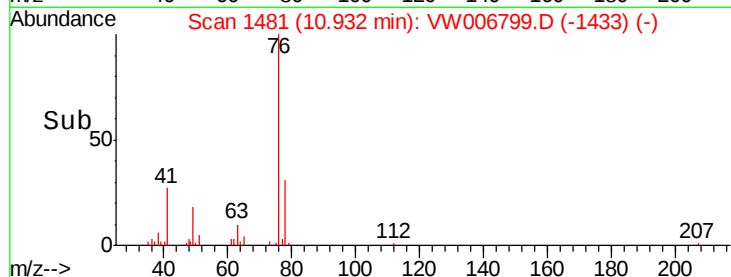
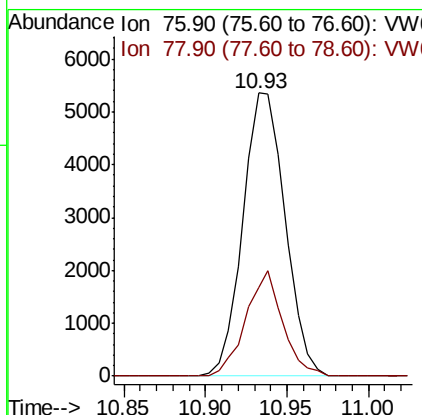
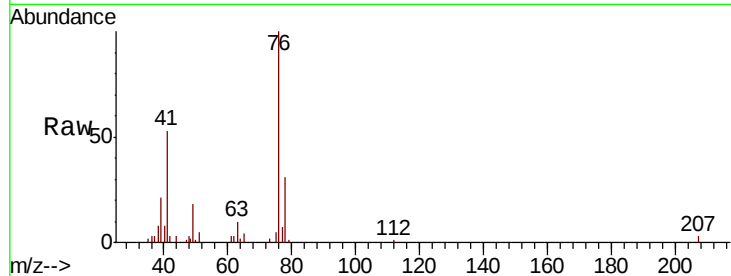




#57
 1,3-Dichloropropane
 Concen: 70.523 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

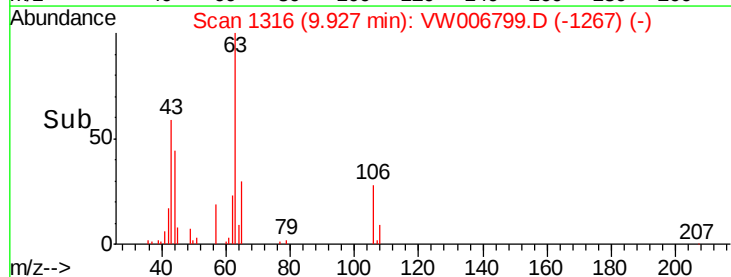
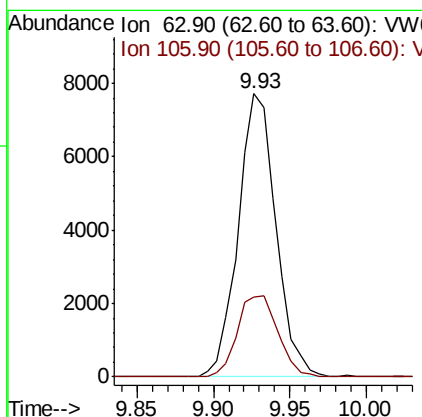
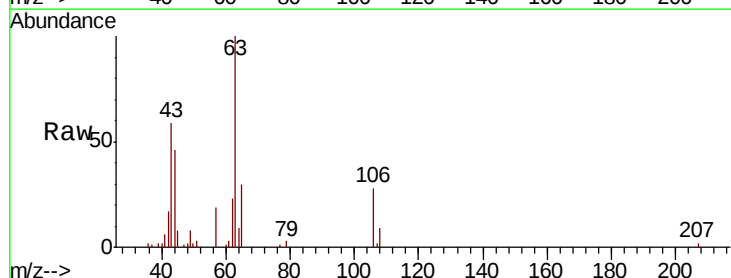
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

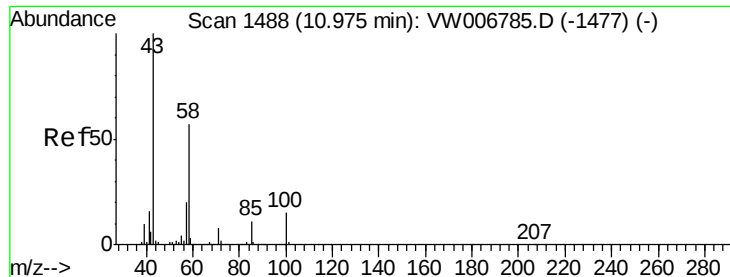
Tot Ion: 76 Resp: 9660
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.831 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion: 63 Resp: 13186
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.3 37.9





#59

2-Hexanone

Concen: 365.171 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

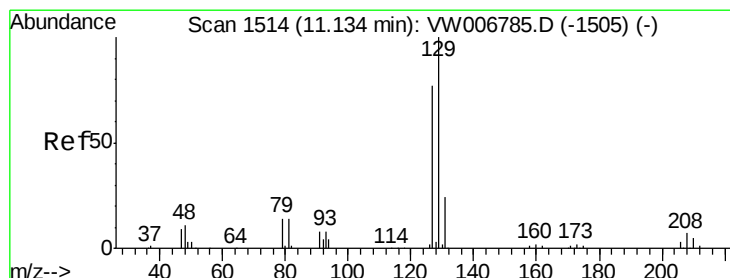
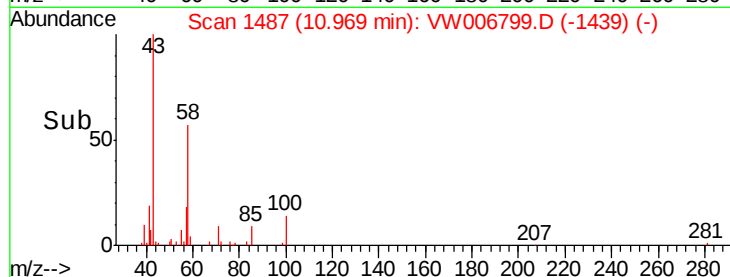
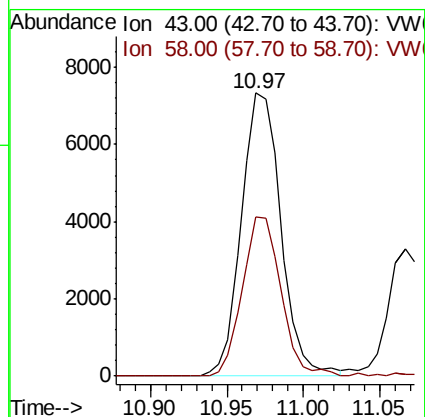
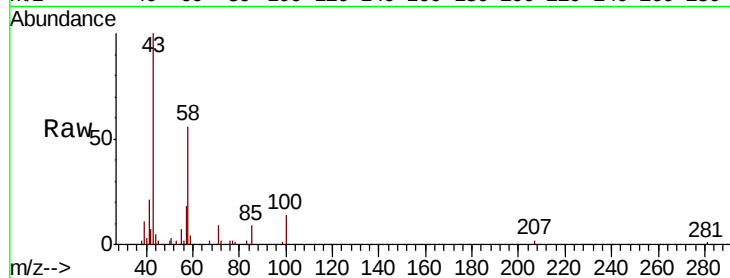
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 13223

Ion Ratio Lower Upper

43 100

58 54.7 28.5 85.5



#60

Dibromochloromethane

Concen: 62.294 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006799.D

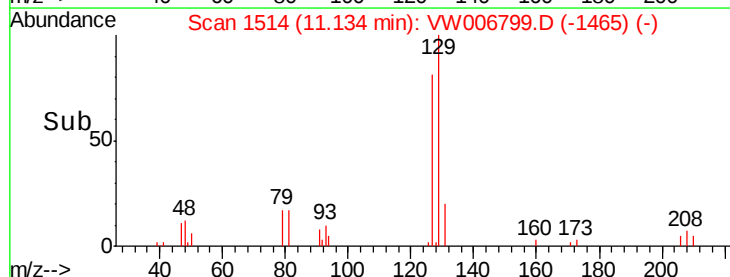
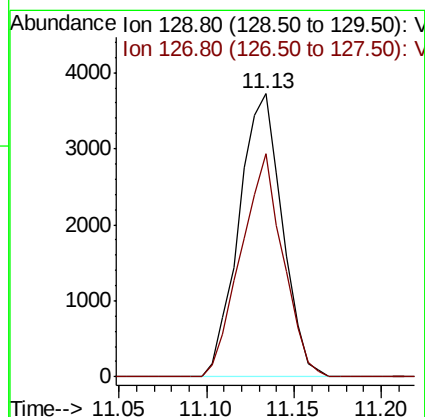
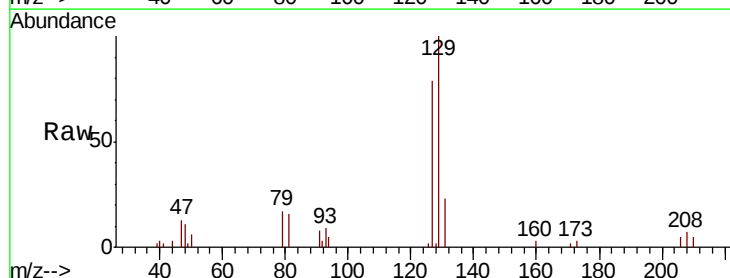
Acq: 09 Nov 2018 21:06

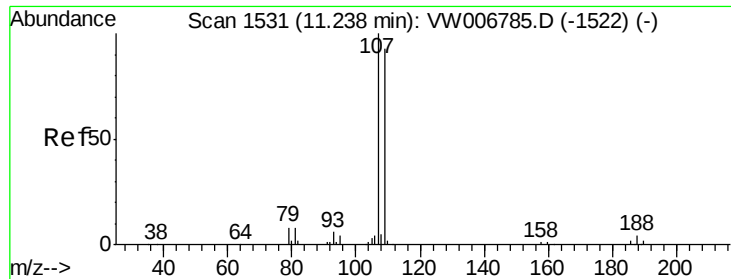
Tgt Ion: 129 Resp: 6416

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 68.464 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

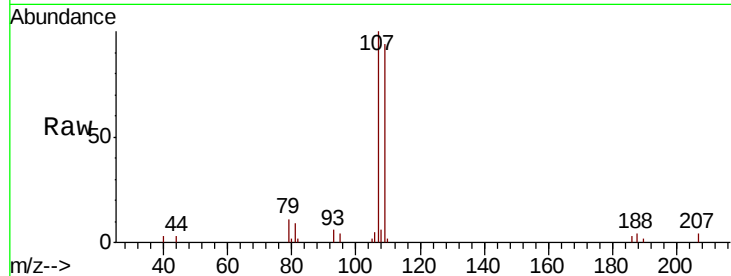
EP2-SB-104(15-17)

Tot Ion:107 Resp: 5644

Ion Ratio Lower Upper

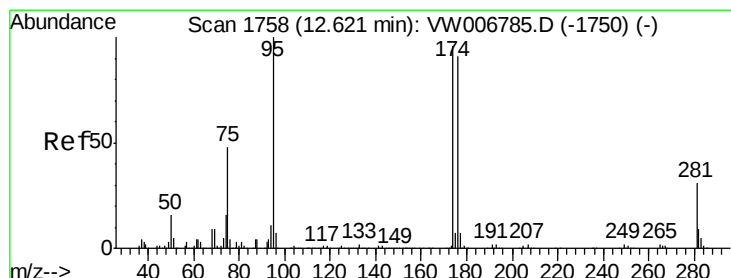
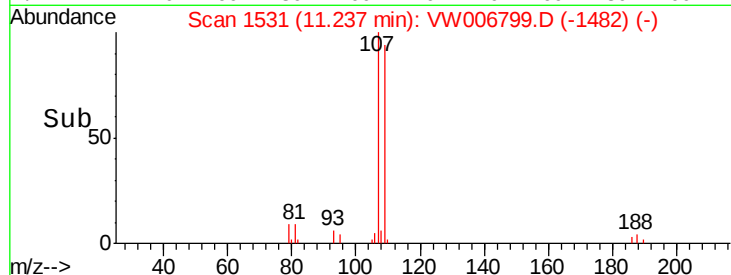
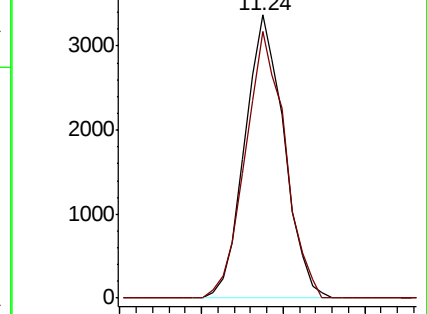
107 100

109 95.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.018 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

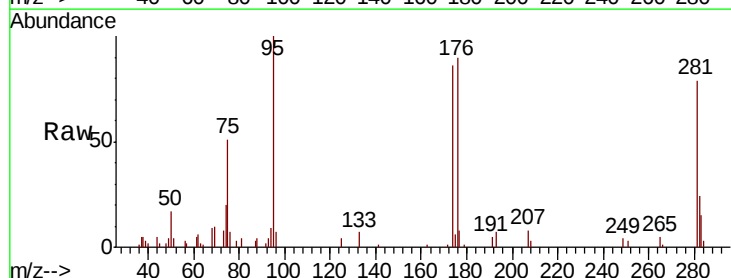
Tgt Ion: 95 Resp: 6611

Ion Ratio Lower Upper

95 100

174 99.2 0.0 196.2

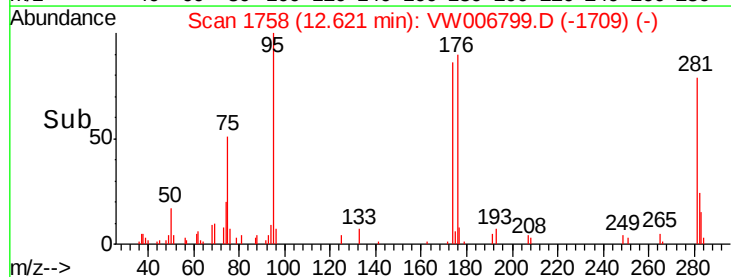
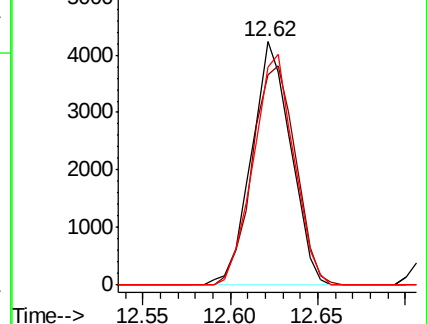
176 97.7 0.0 190.8

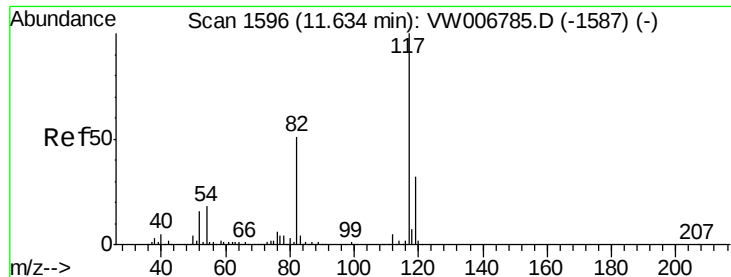


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

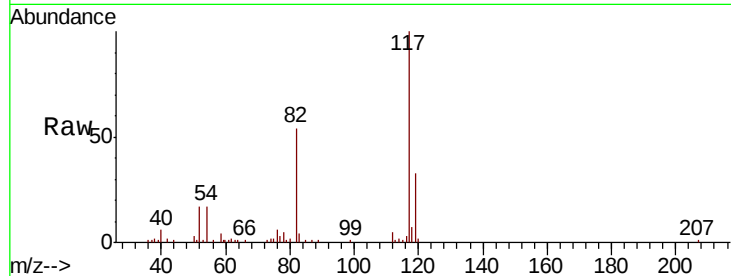




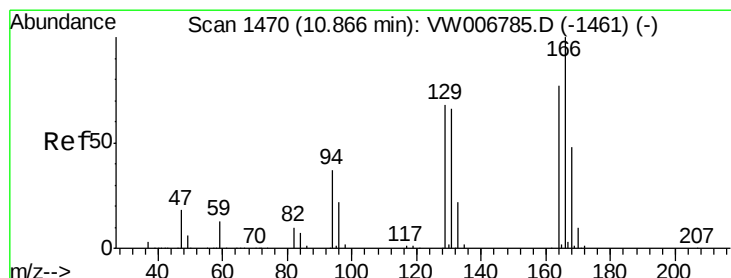
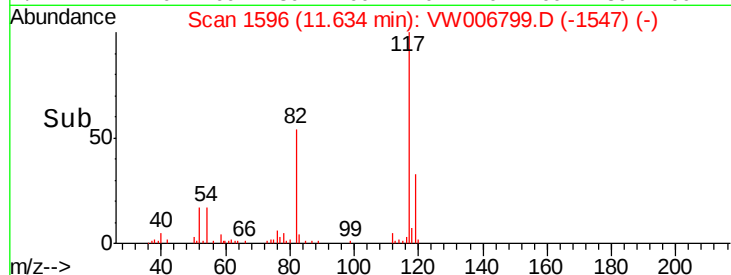
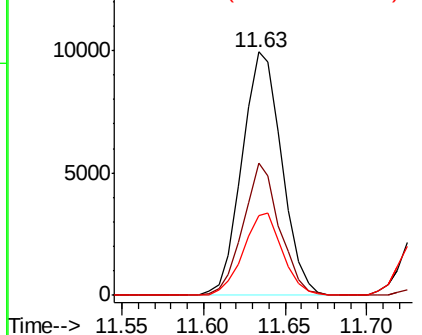
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

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

Tot Ion:117 Resp: 16840
Ion Ratio Lower Upper
117 100
82 54.3 40.9 61.3
119 32.9 25.8 38.8

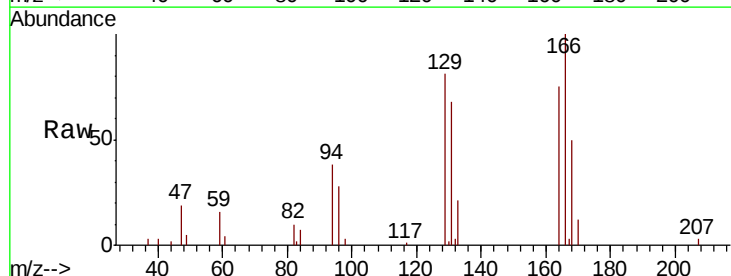


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

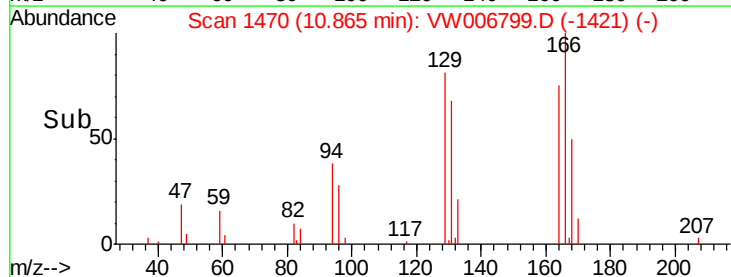
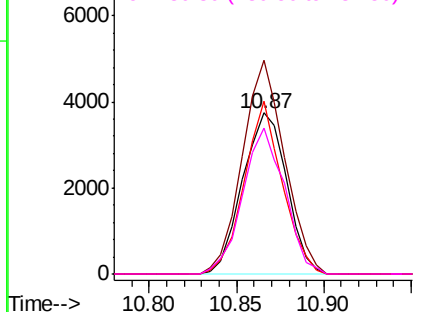


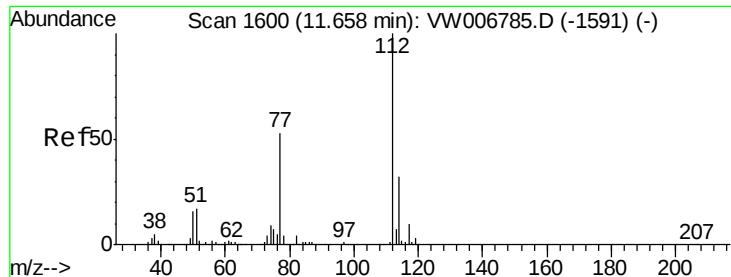
#64
Tetrachloroethene
Concen: 50.904 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:164 Resp: 6546
Ion Ratio Lower Upper
164 100
166 132.7 103.7 155.5
129 107.8 70.4 105.6#
131 90.7 68.2 102.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

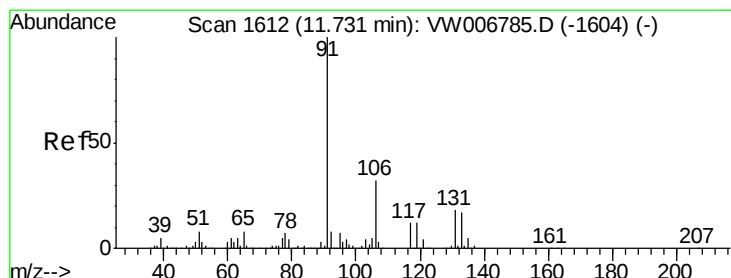
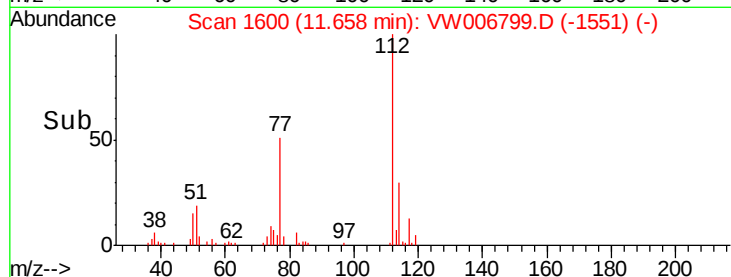
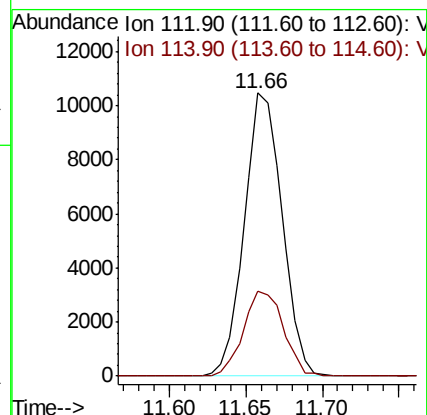
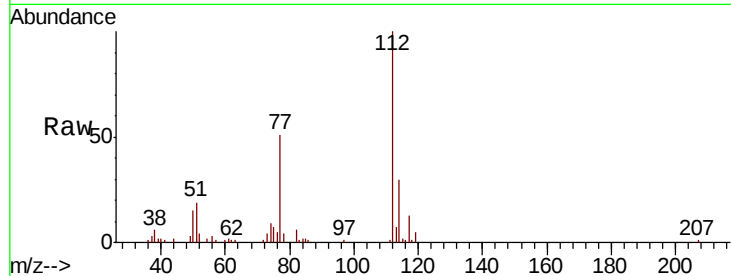




#65
Chlorobenzene
Concen: 50.294 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

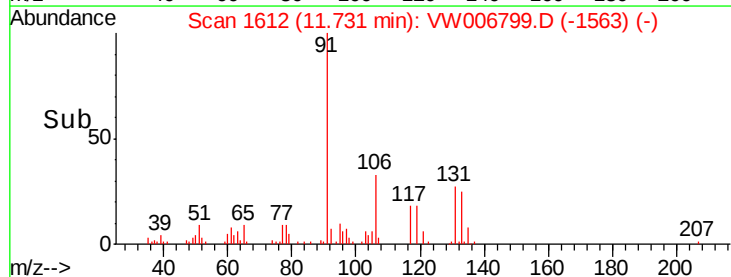
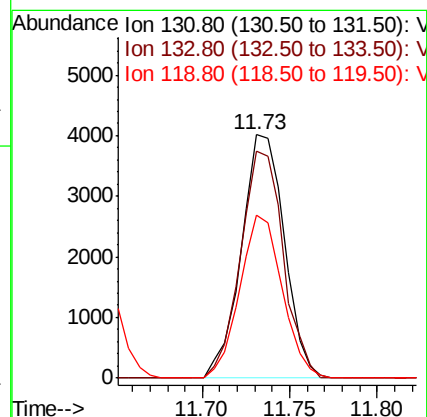
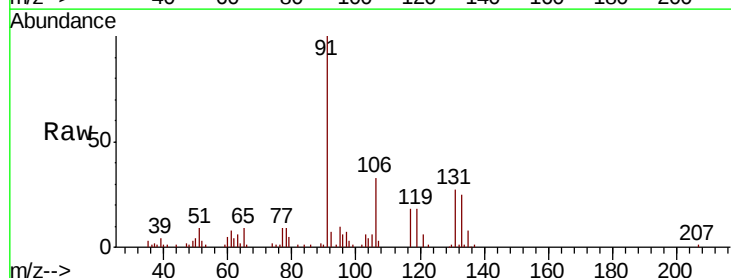
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

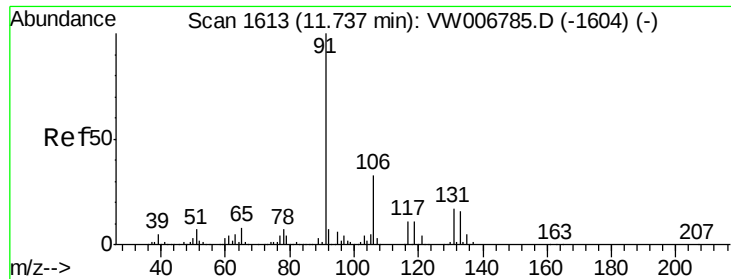
Tot Ion:112 Resp: 18028
Ion Ratio Lower Upper
112 100
114 29.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 59.985 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:131 Resp: 6888
Ion Ratio Lower Upper
131 100
133 92.3 47.9 143.6
119 66.0 32.3 96.8

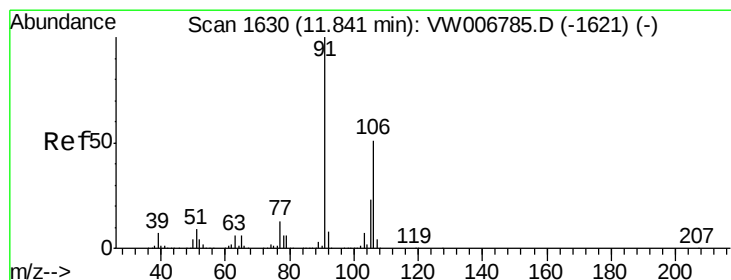
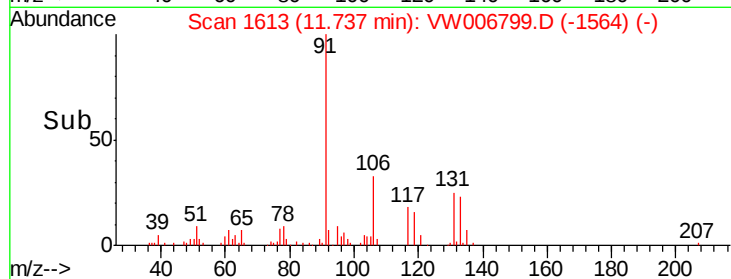
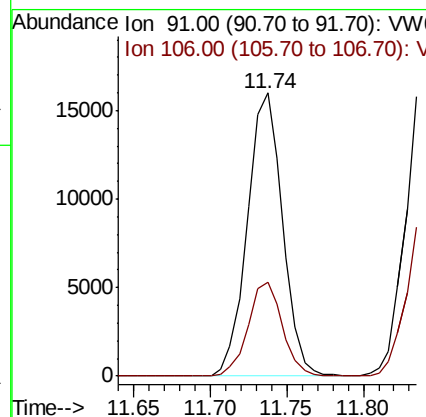
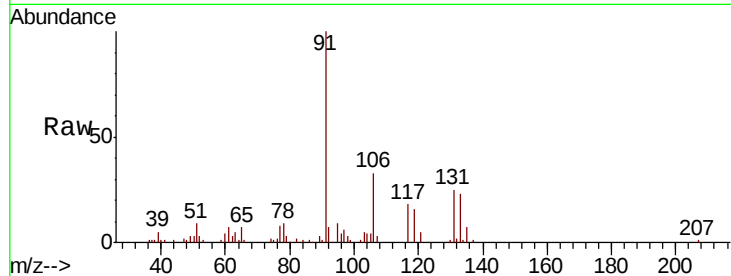




#67
Ethyl Benzene
Concen: 42.430 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

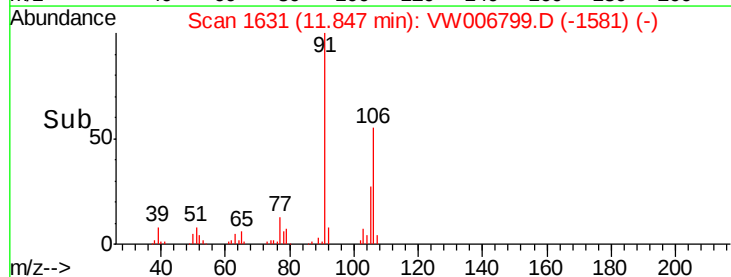
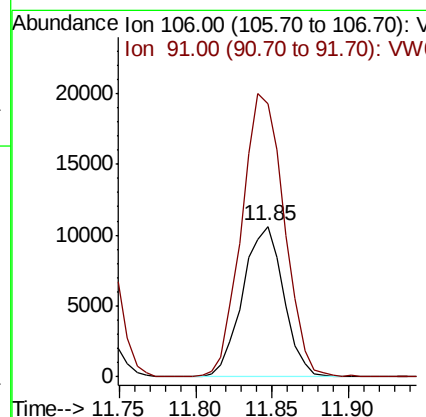
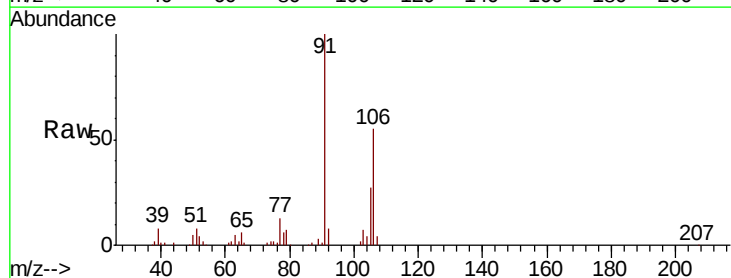
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

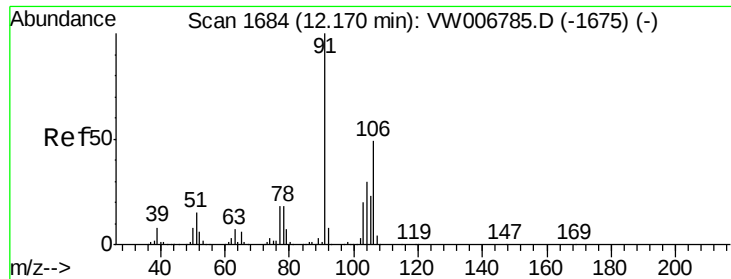
Tot Ion: 91 Resp: 25586
Ion Ratio Lower Upper
91 100
106 33.4 26.3 39.5



#68
m/p-Xylenes
Concen: 79.988 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 106 Resp: 19674
Ion Ratio Lower Upper
106 100
91 196.7 155.3 232.9

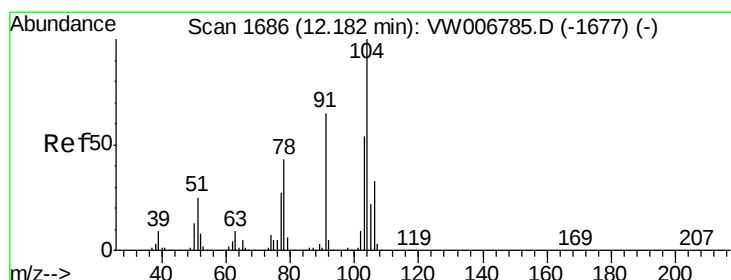
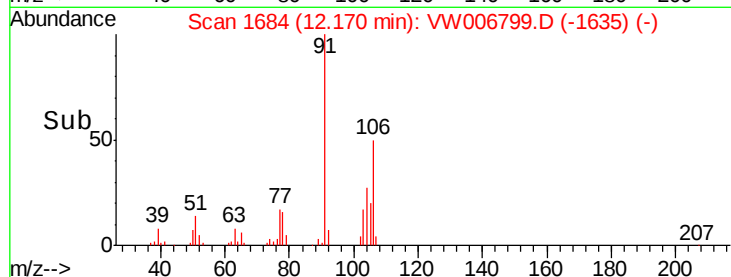
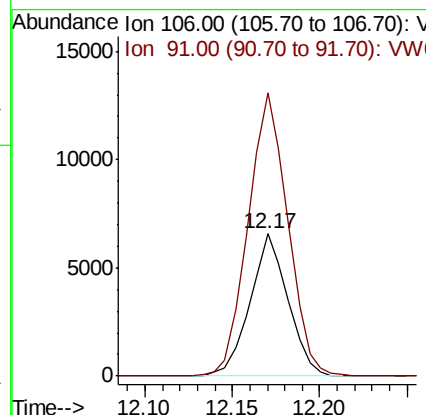
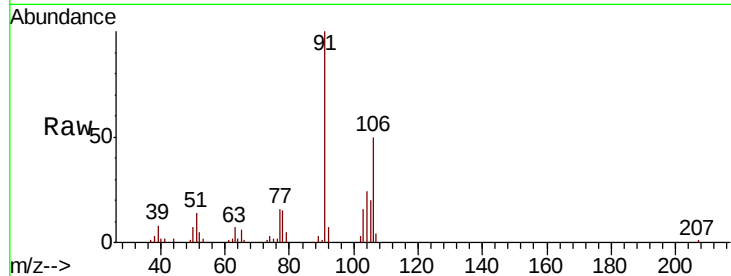




#69
o-Xylene
Concen: 43.588 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

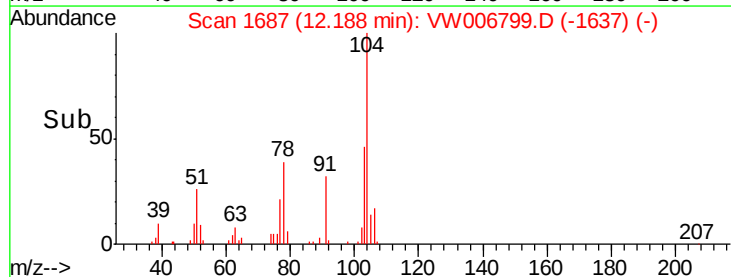
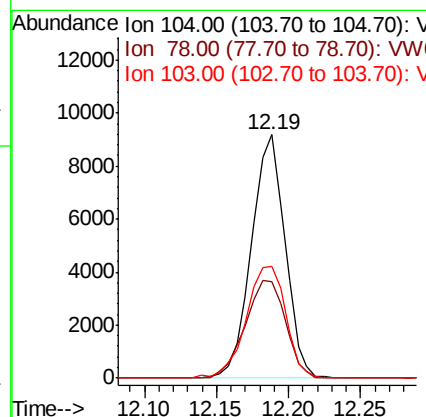
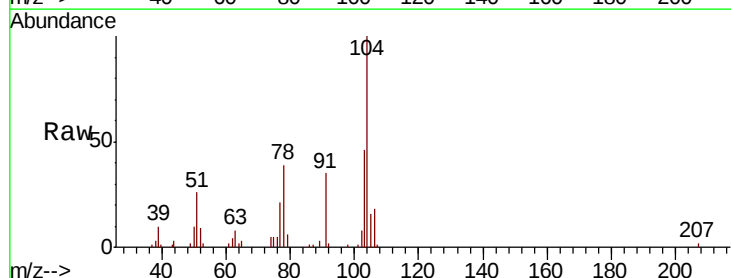
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

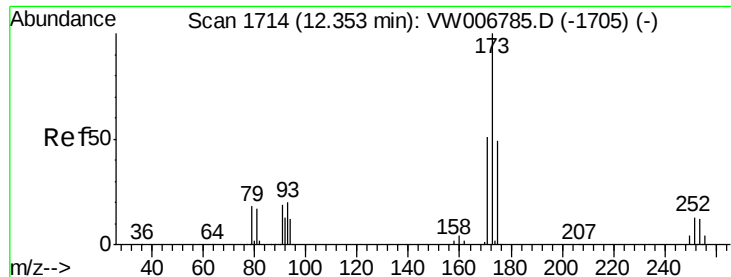
Tot Ion:106 Resp: 9870
Ion Ratio Lower Upper
106 100
91 208.2 103.0 308.9



#70
Styrene
Concen: 40.165 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:104 Resp: 14783
Ion Ratio Lower Upper
104 100
78 48.2 37.1 55.7
103 54.4 44.4 66.6





#71

Bromoform

Concen: 64.945 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

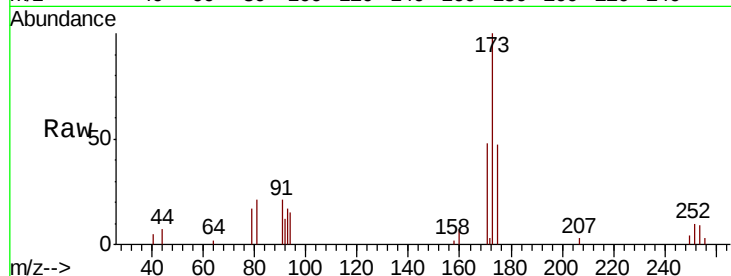
Tot Ion:173 Resp: 4131

Ion Ratio Lower Upper

173 100

175 46.3 24.3 72.8

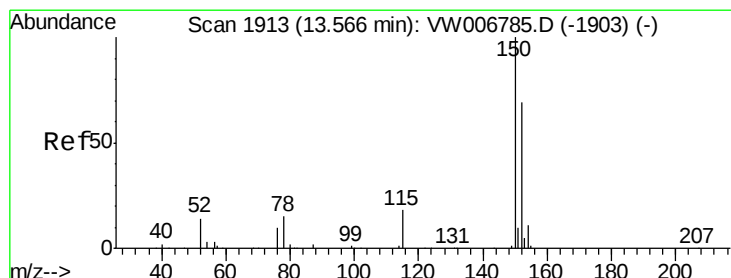
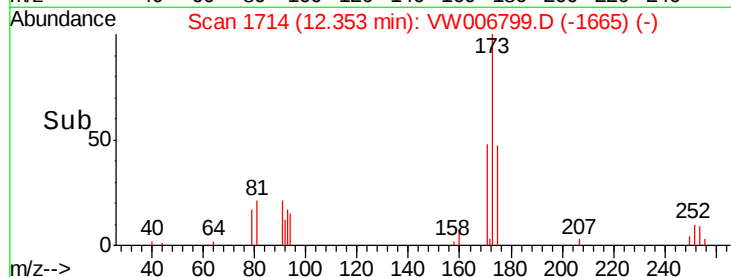
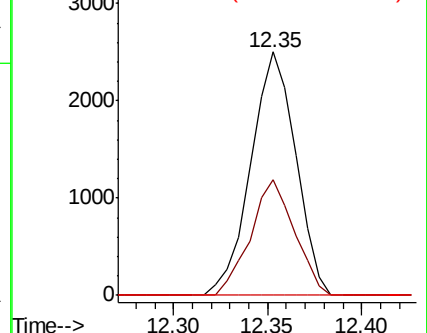
254 0.0 0.1 0.1#



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: VW006799.D

Acq: 09 Nov 2018 21:06

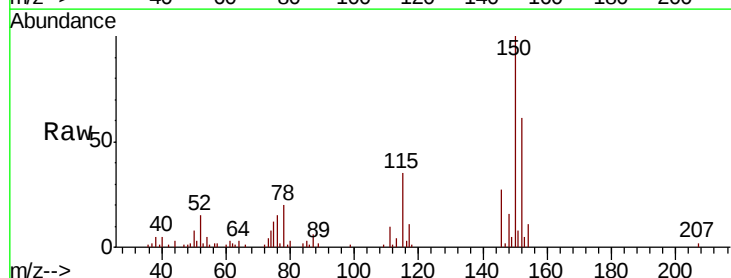
Tgt Ion:152 Resp: 8276

Ion Ratio Lower Upper

152 100

115 56.3 26.7 80.0

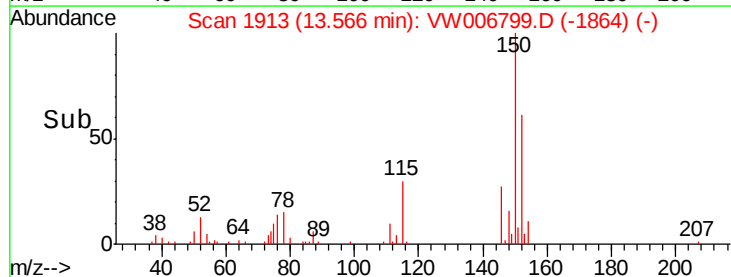
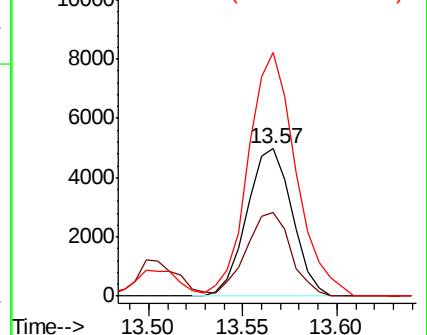
150 174.3 0.0 348.0

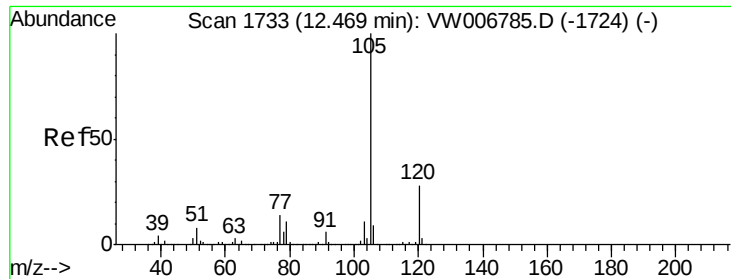


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.944 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

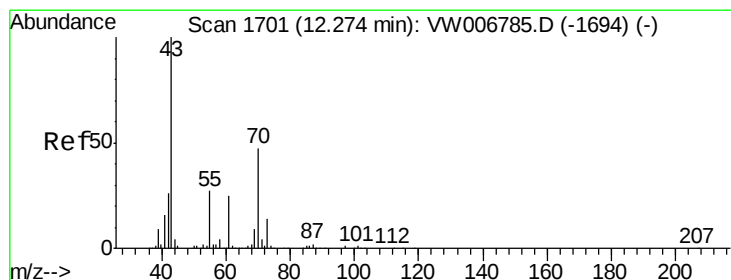
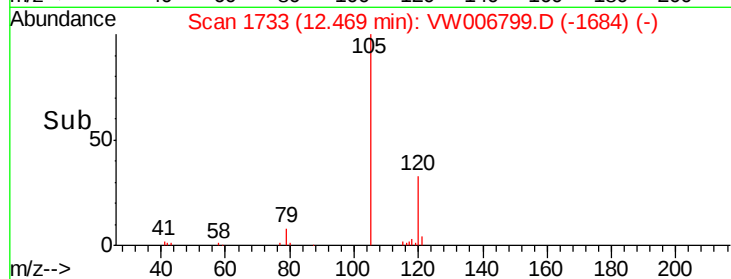
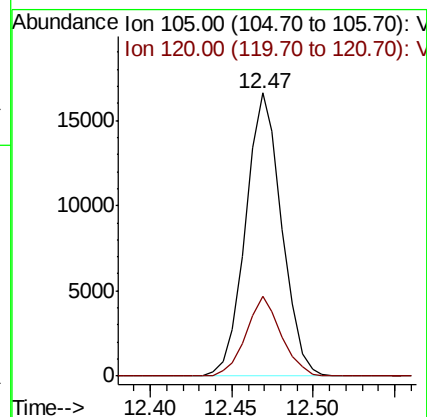
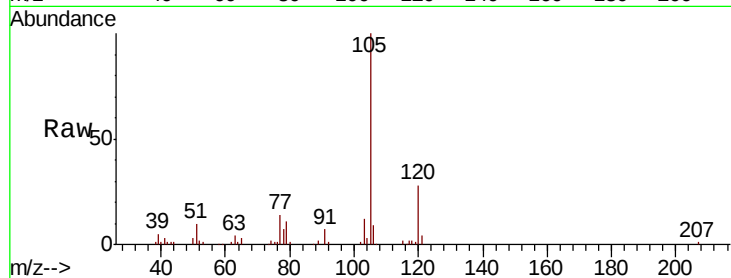
EP2-SB-104(15-17)

Tot Ion:105 Resp: 25529

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6



#74

N-ethyl acetate

Concen: 61.837 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion: 43 Resp: 5367

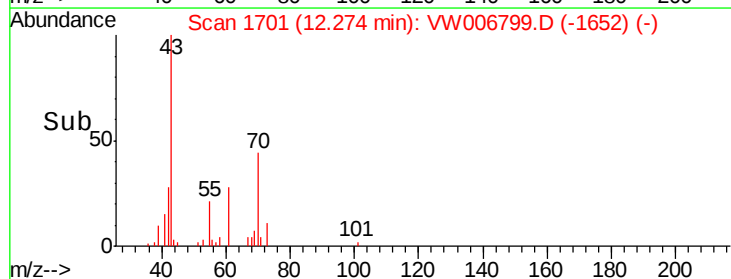
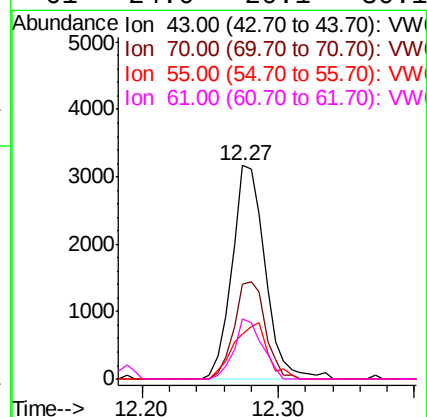
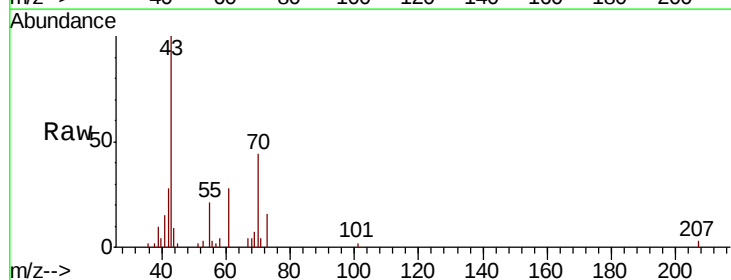
Ion Ratio Lower Upper

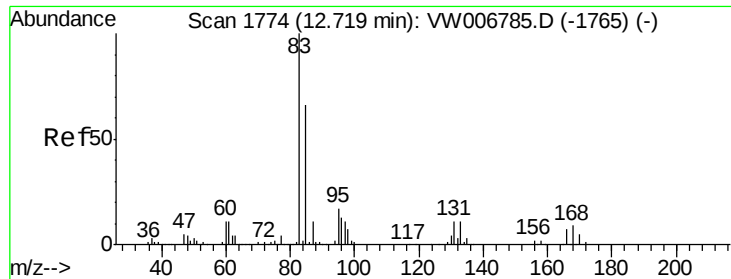
43 100

70 42.9 38.3 57.5

55 27.1 22.3 33.5

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 85.441 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

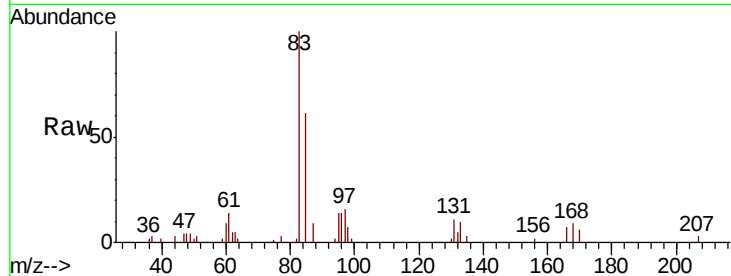
Tot Ion: 83 Resp: 6778

Ion Ratio Lower Upper

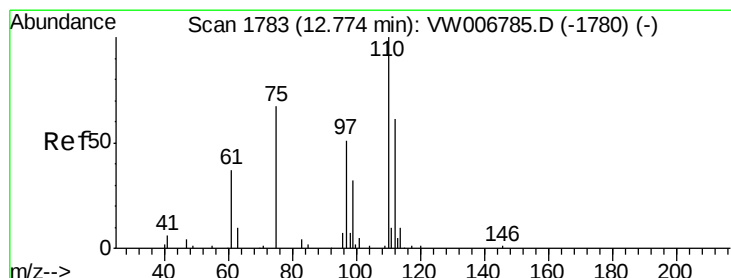
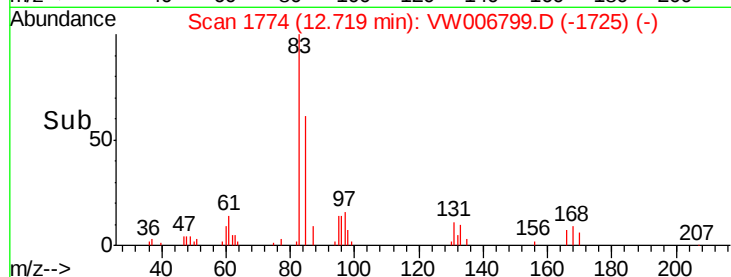
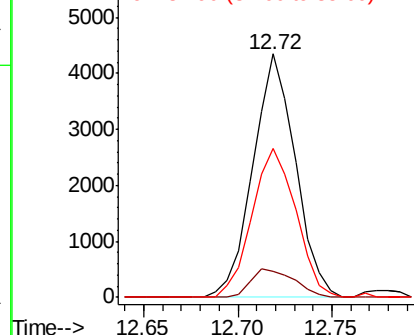
83 100

131 12.0 6.0 18.0

85 63.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 128.130 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006799.D

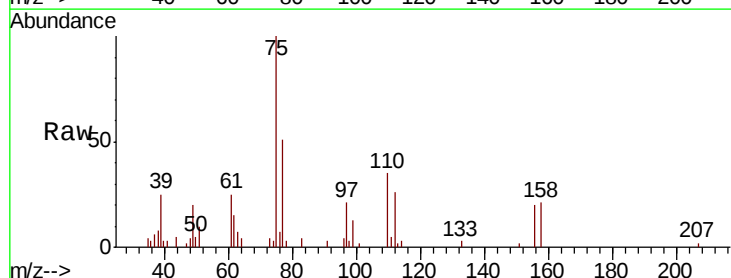
Acq: 09 Nov 2018 21:06

Tgt Ion: 75 Resp: 7733

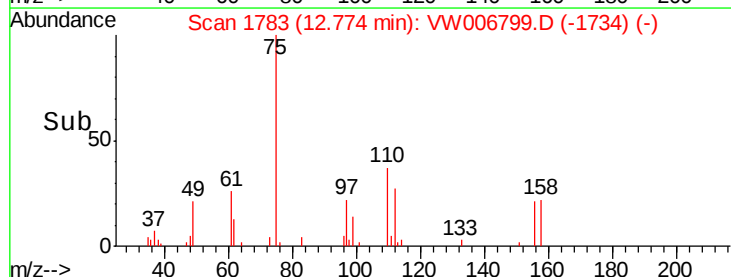
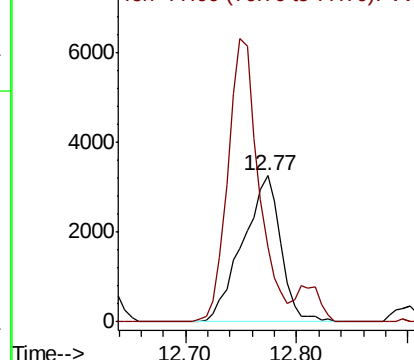
Ion Ratio Lower Upper

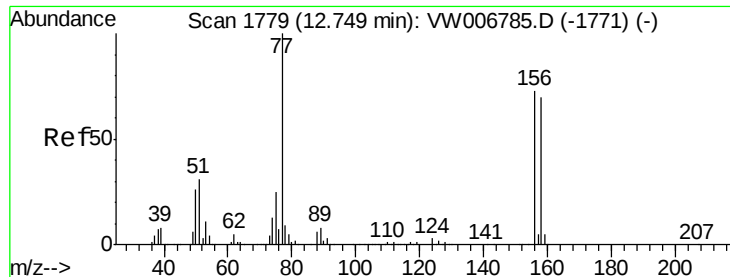
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.872 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

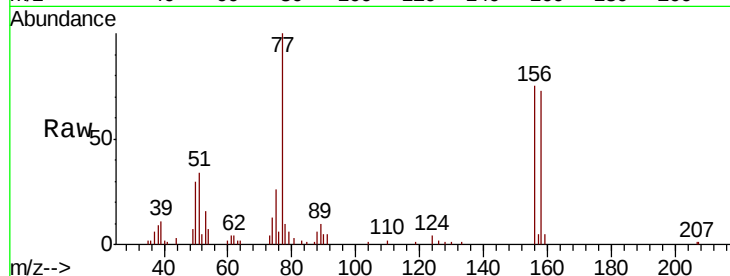
Tot Ion:156 Resp: 7968

Ion Ratio Lower Upper

156 100

77 152.5 75.4 226.3

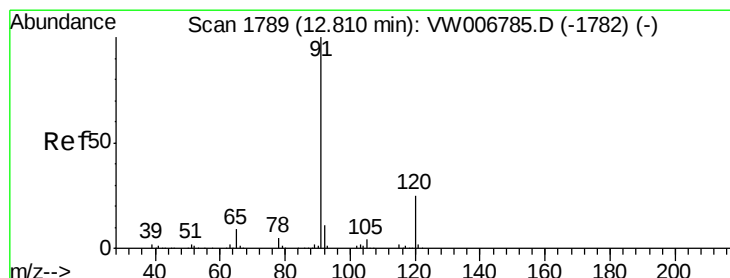
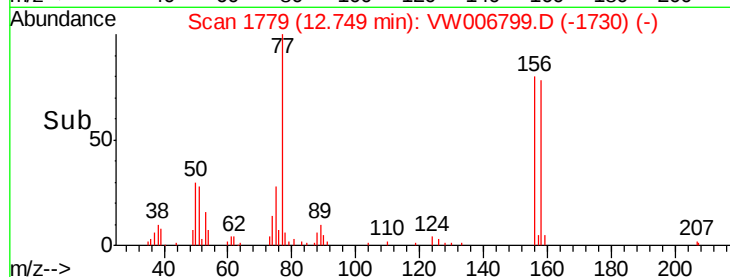
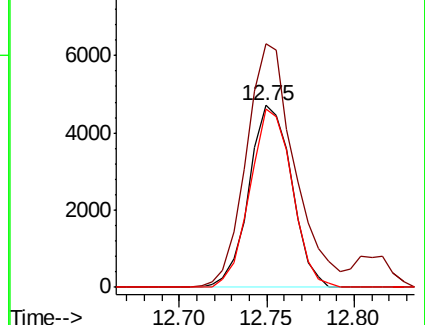
158 97.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.535 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006799.D

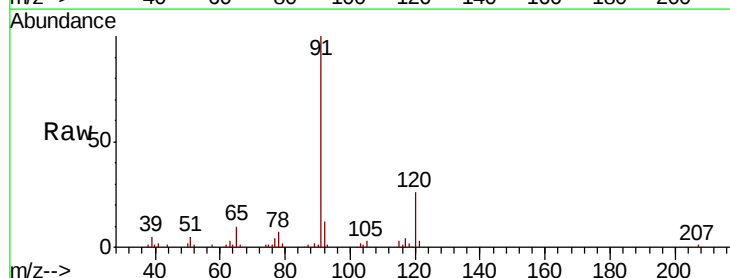
Acq: 09 Nov 2018 21:06

Tgt Ion: 91 Resp: 28810

Ion Ratio Lower Upper

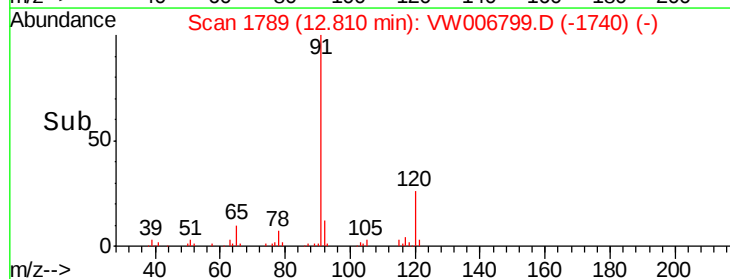
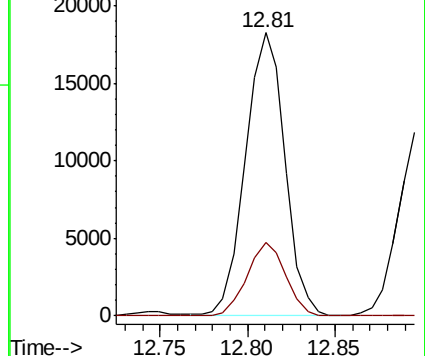
91 100

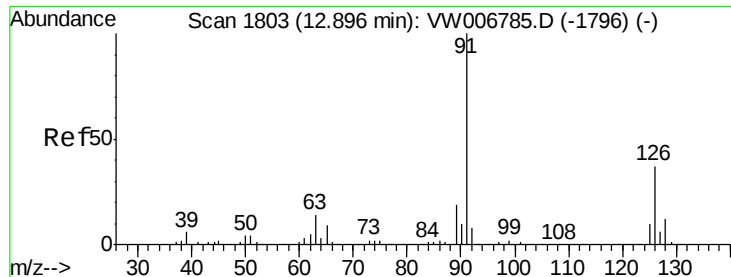
120 25.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.449 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

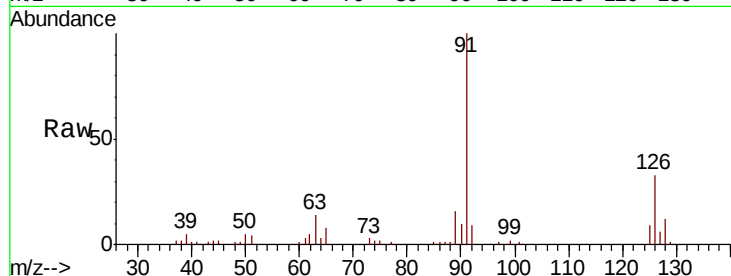
EP2-SB-104(15-17)

Tot Ion: 91 Resp: 17981

Ion Ratio Lower Upper

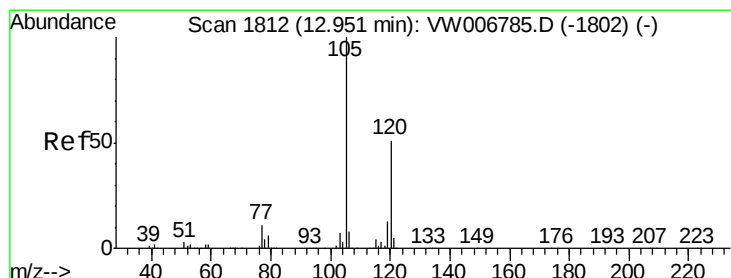
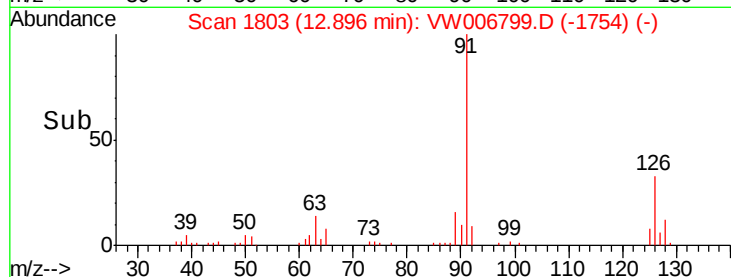
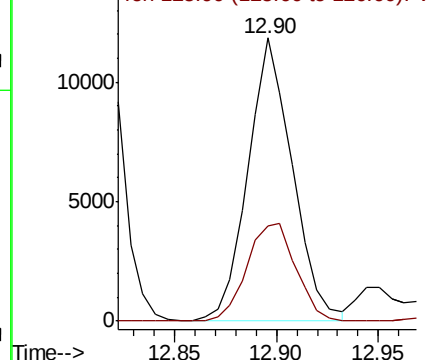
91 100

126 37.6 18.4 55.2



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: 43.783 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006799.D

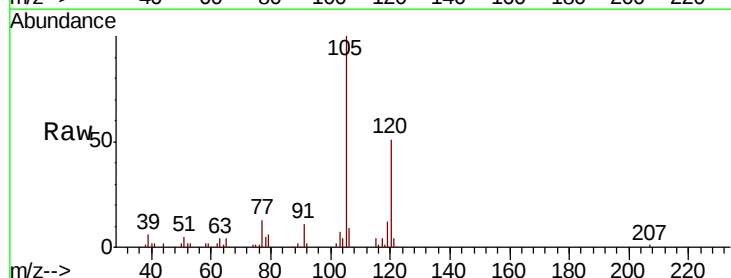
Acq: 09 Nov 2018 21:06

Tgt Ion:105 Resp: 20200

Ion Ratio Lower Upper

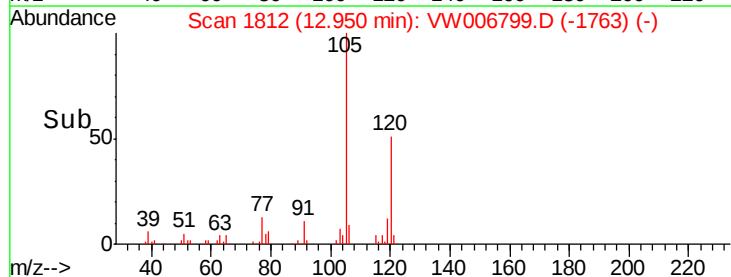
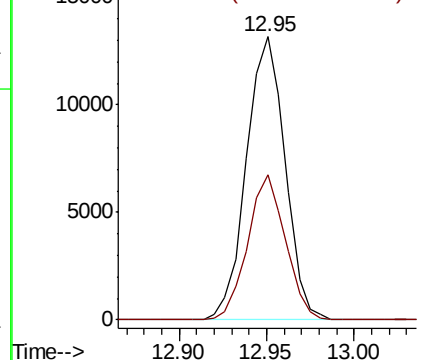
105 100

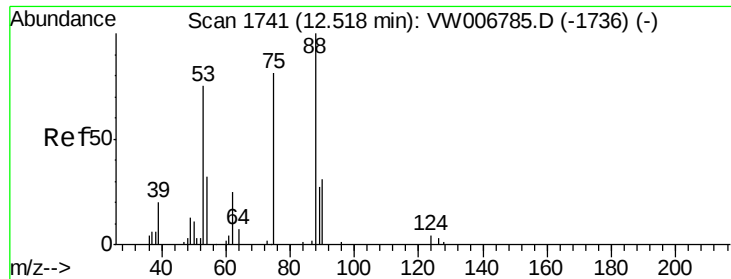
120 49.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.319 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

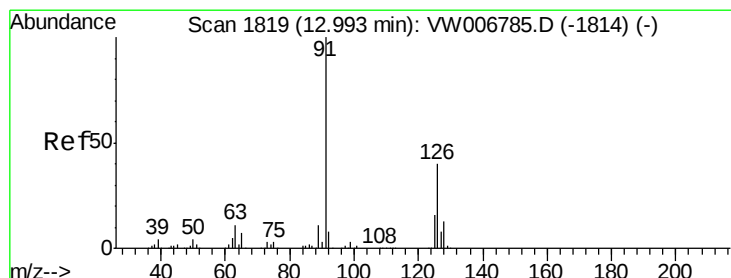
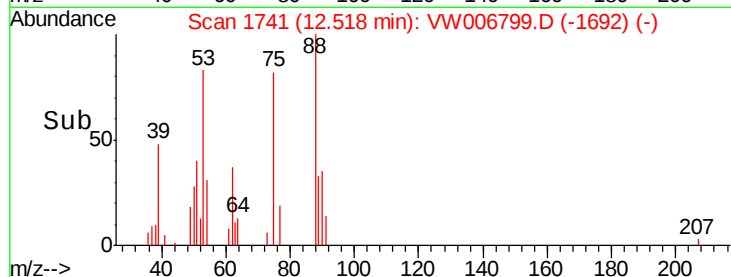
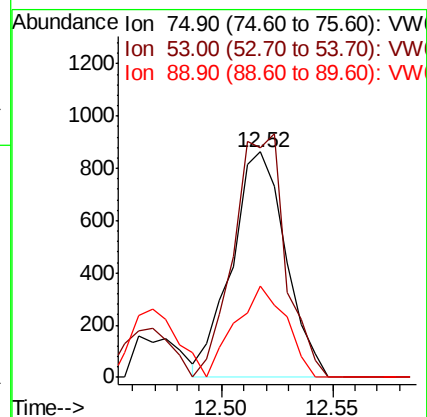
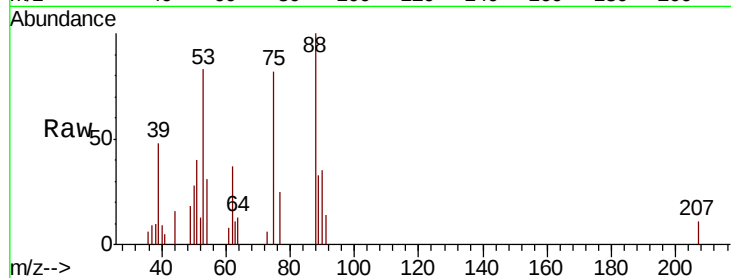
Tot Ion: 75 Resp: 1460

Ion Ratio Lower Upper

75 100

53 102.7 74.0 111.0

89 37.8 38.1 57.1#



#82

4-Chlorotoluene

Concen: 48.615 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006799.D

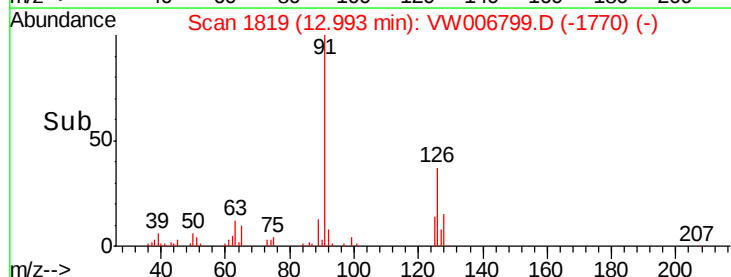
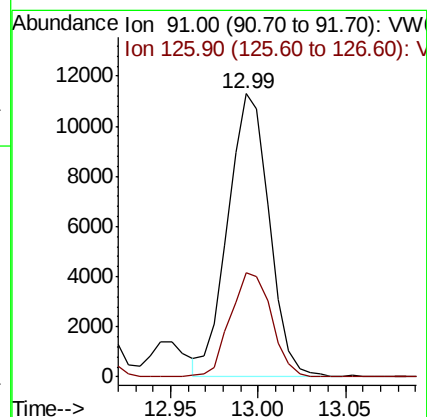
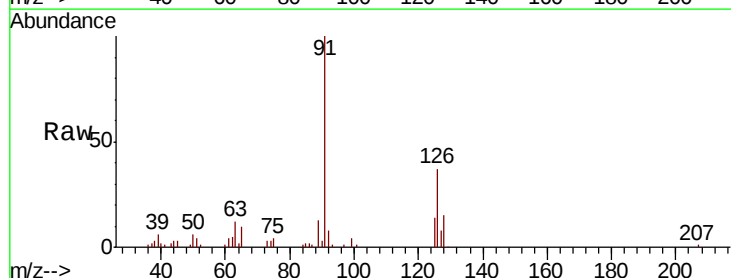
Acq: 09 Nov 2018 21:06

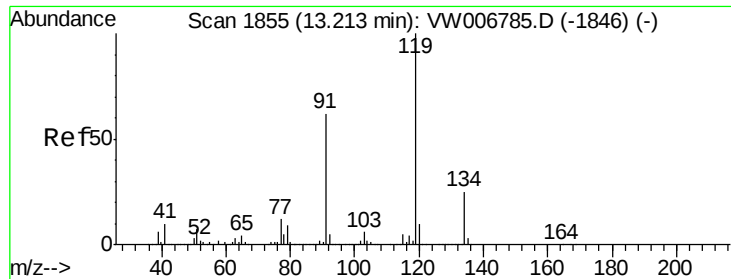
Tgt Ion: 91 Resp: 18519

Ion Ratio Lower Upper

91 100

126 36.6 18.6 55.6

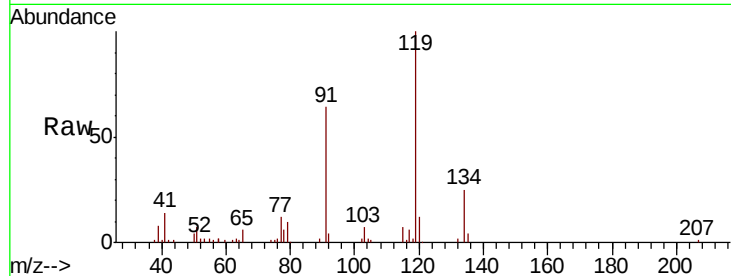




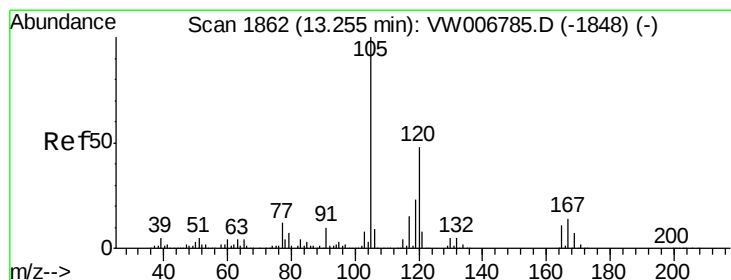
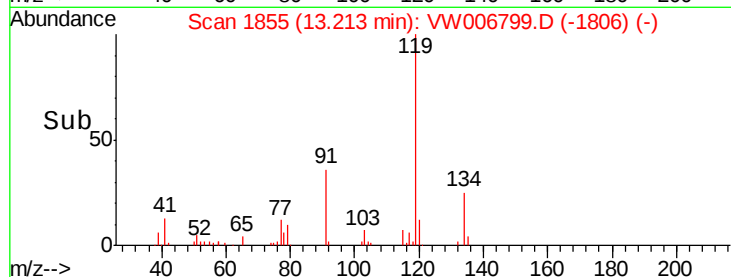
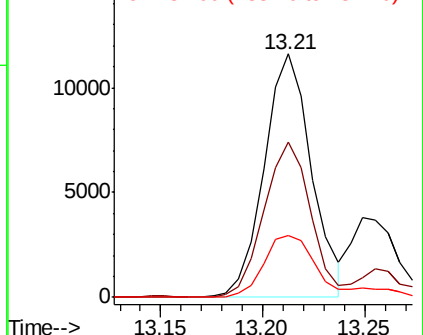
#83
tert-Butylbenzene
Concen: 47.123 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

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

Tot Ion:119 Resp: 18786
Ion Ratio Lower Upper
119 100
91 62.5 30.4 91.2
134 27.5 13.6 40.7

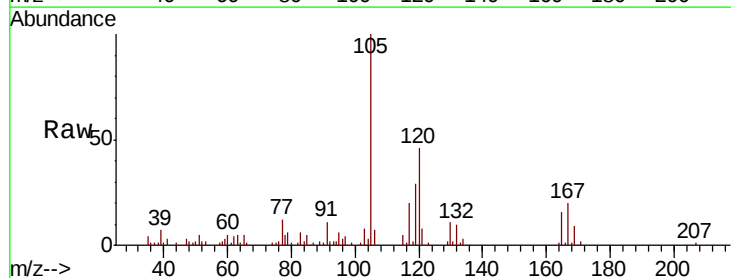


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

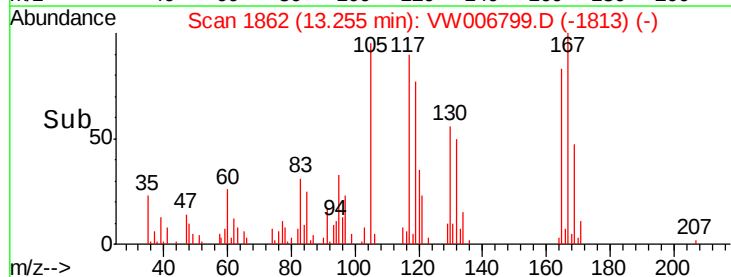
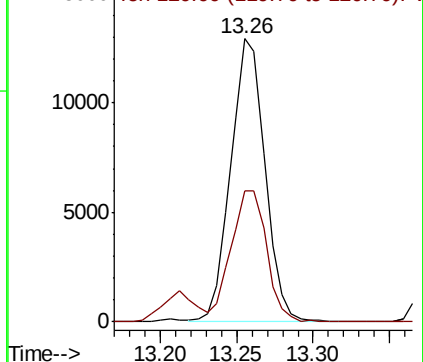


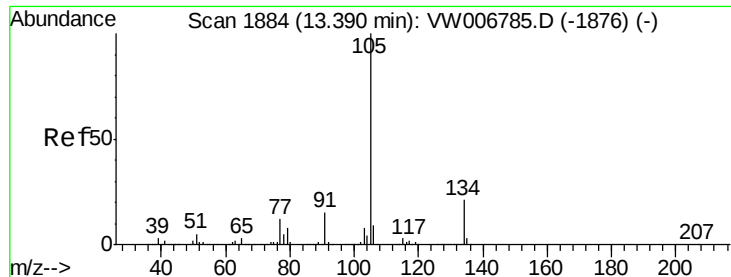
#84
1,2,4-Trimethylbenzene
Concen: 42.431 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:105 Resp: 20057
Ion Ratio Lower Upper
105 100
120 48.0 23.4 70.0



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

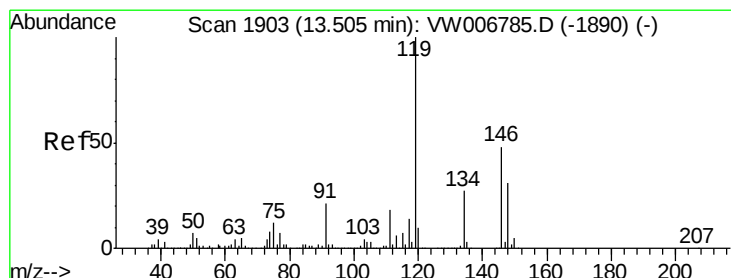
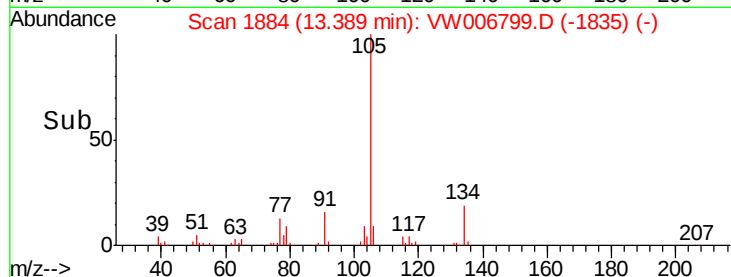
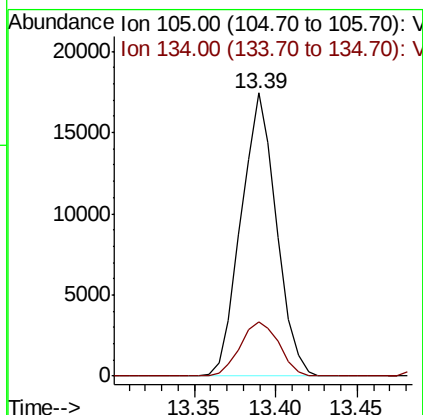
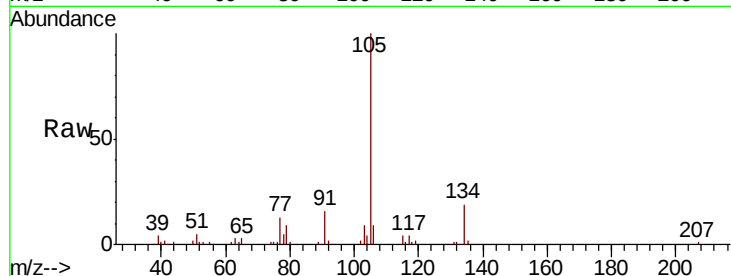




#85
 sec-Butylbenzene
 Concen: 46.144 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

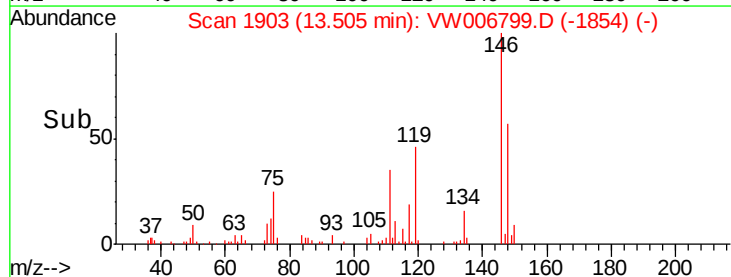
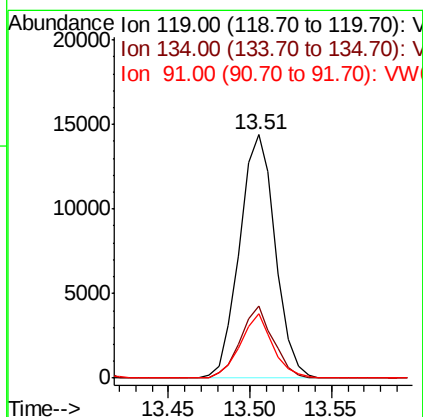
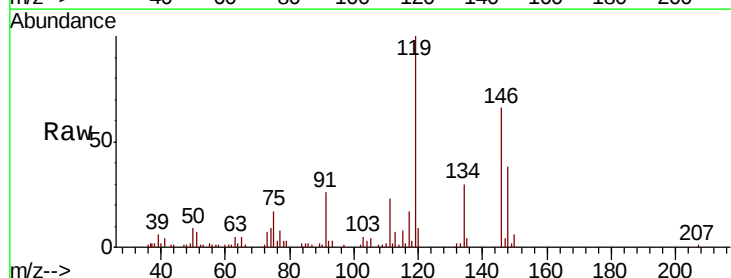
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

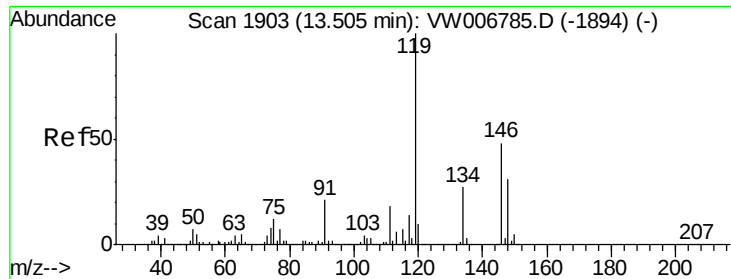
Tot Ion:105 Resp: 26328
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 42.161 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion:119 Resp: 21942
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 24.1 10.8 32.4

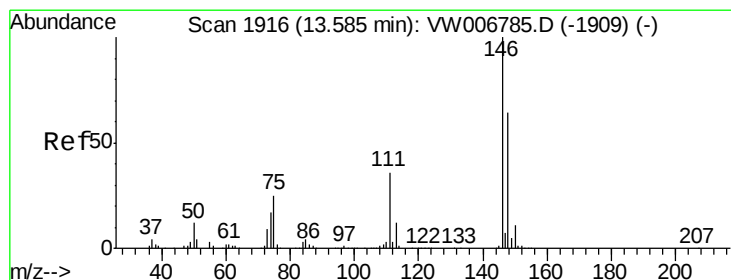
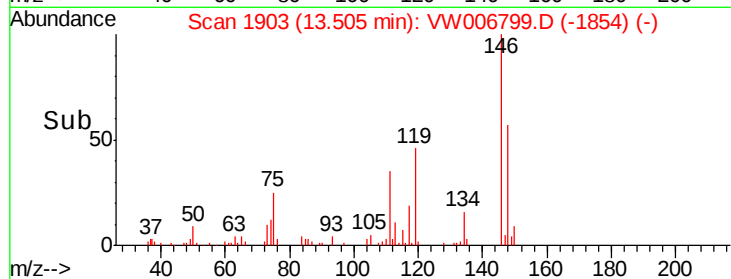
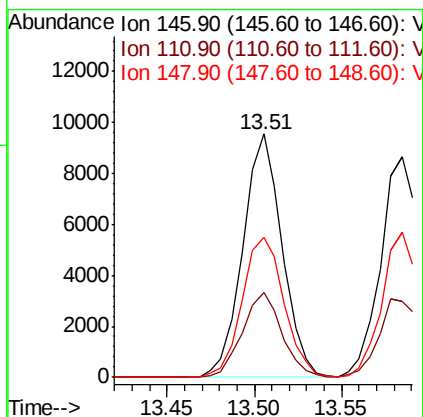
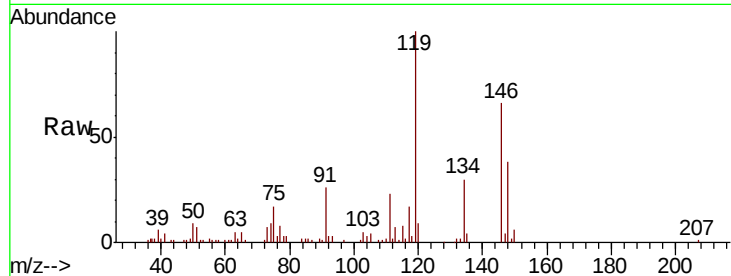




#87
 1,3-Dichlorobenzene
 Concen: 53.032 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

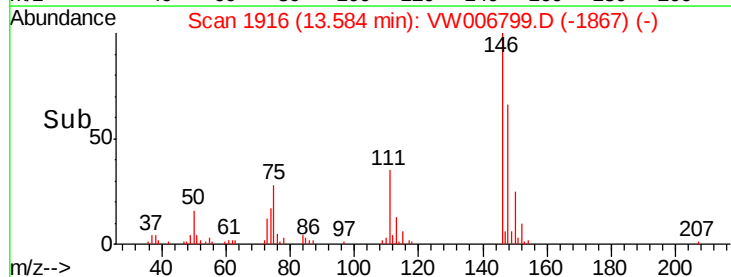
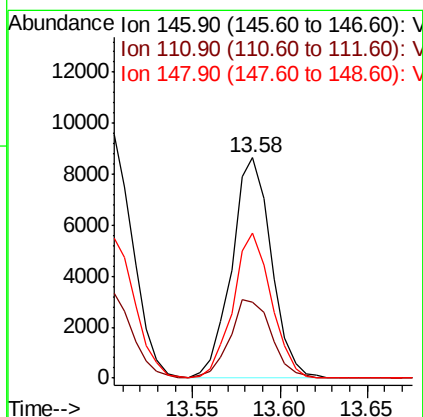
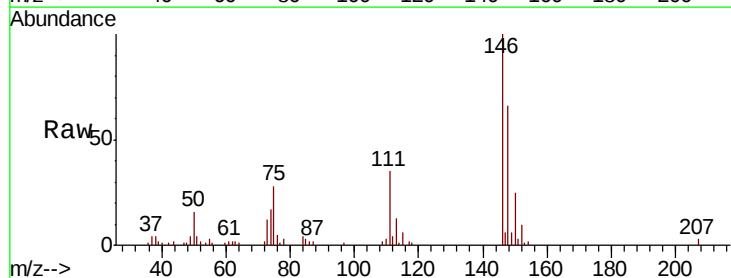
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

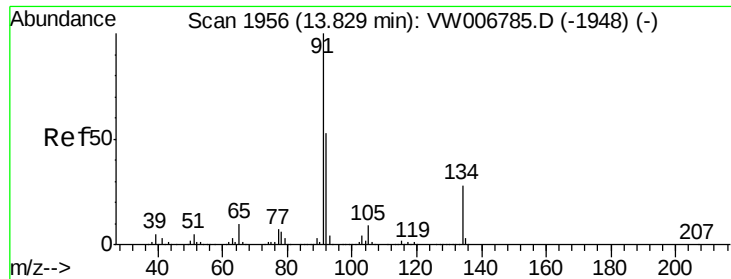
Tot Ion:146 Resp: 14834
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.4 55.0
 148 61.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.949 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion:146 Resp: 13637
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.5 32.2 96.6

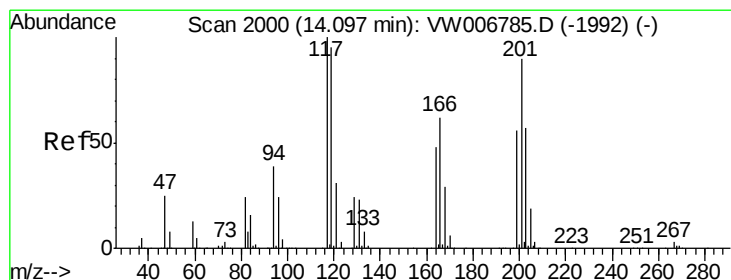
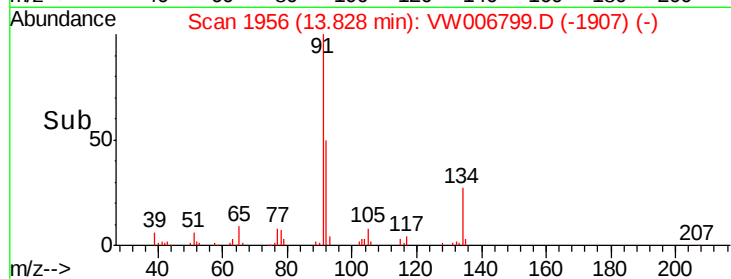
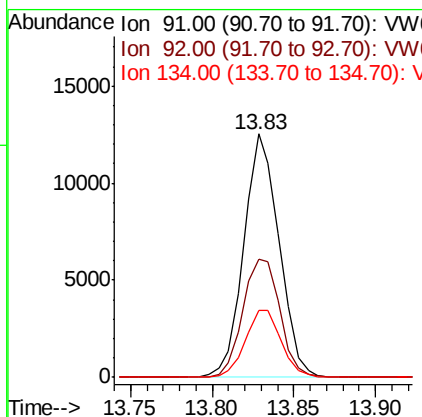
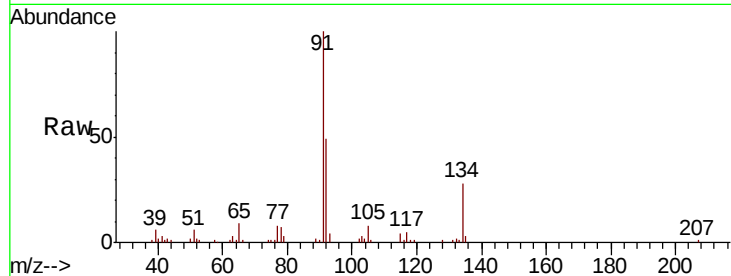




#89
n-Butylbenzene
Concen: 39.254 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

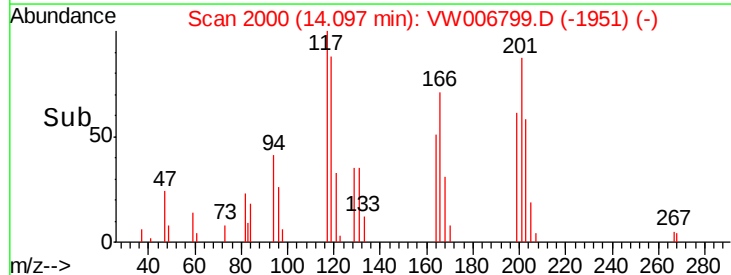
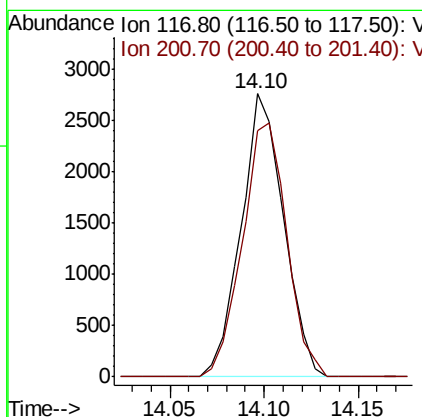
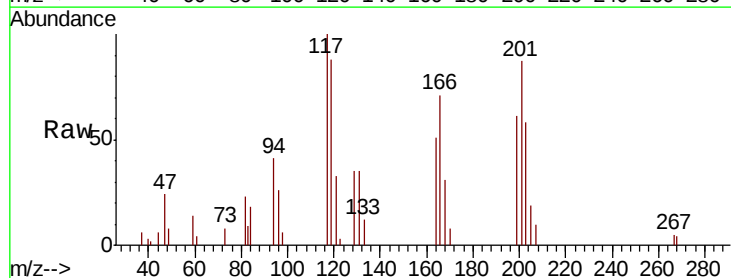
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

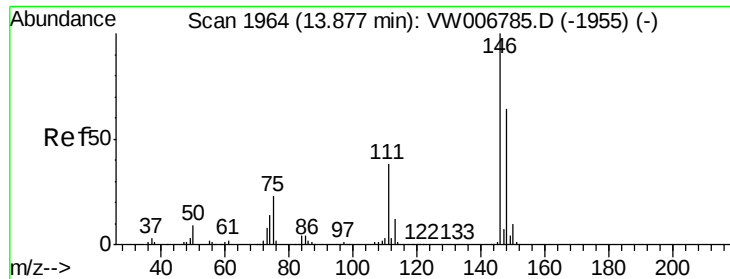
Tot Ion: 91 Resp: 18855
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.2
134 28.0 14.2 42.8



#90
Hexachloroethane
Concen: 52.898 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 117 Resp: 4319
Ion Ratio Lower Upper
117 100
201 93.6 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 54.805 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

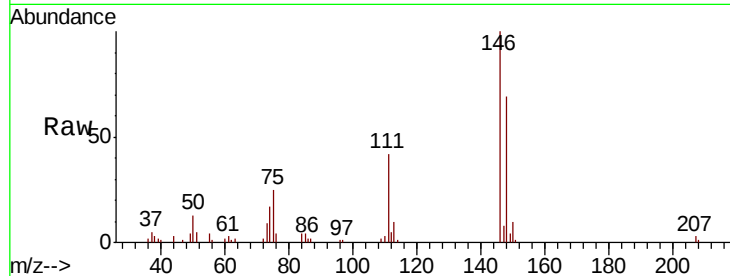
Tot Ion:146 Resp: 13411

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

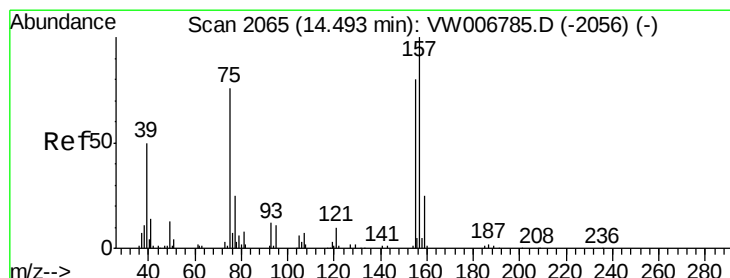
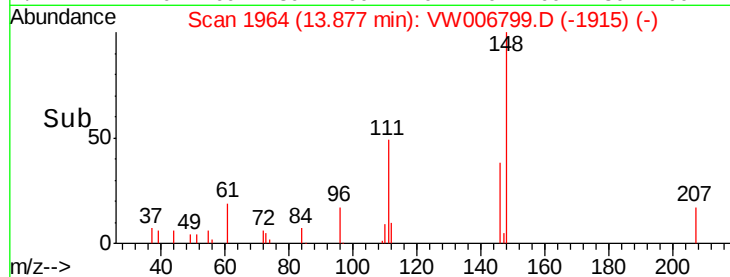
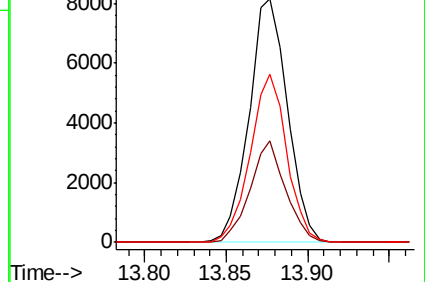
148 65.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 71.118 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

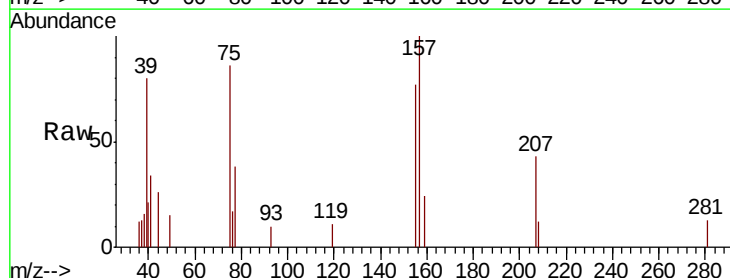
Tgt Ion: 75 Resp: 911

Ion Ratio Lower Upper

75 100

155 93.3 51.0 153.1

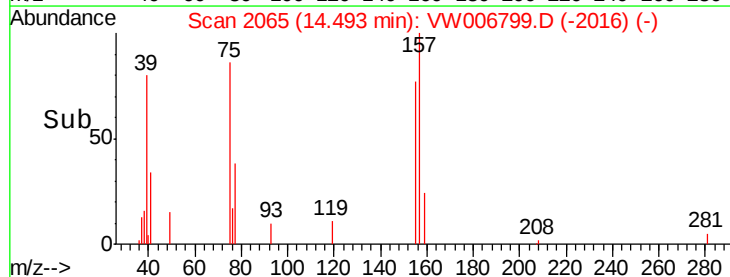
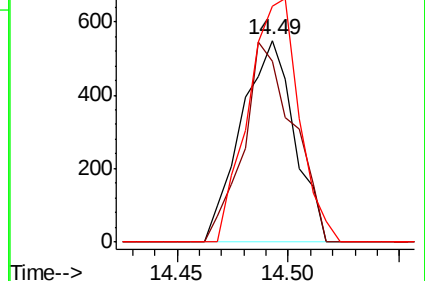
157 114.8 65.5 196.5

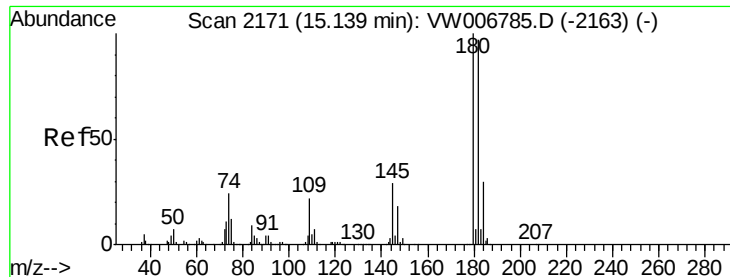


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

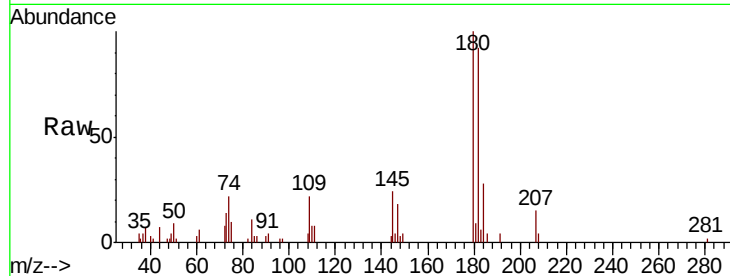




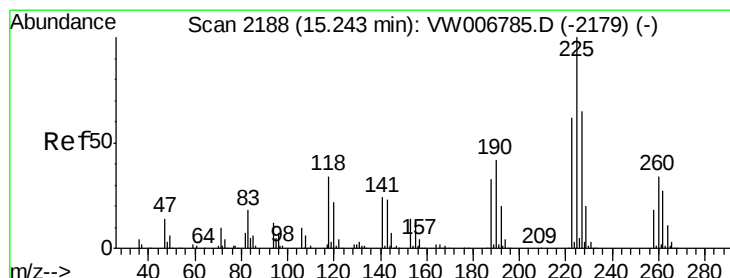
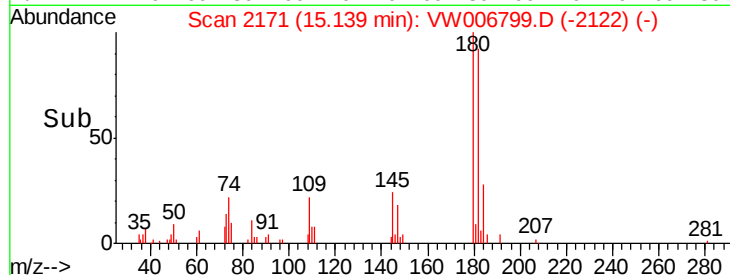
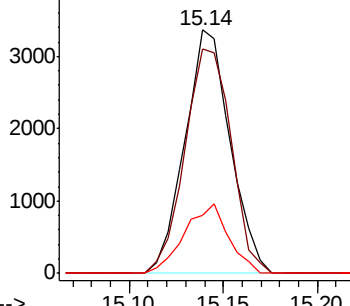
#93
 1,2,4-Trichlorobenzene
 Concen: 30.986 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

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

Tot Ion:180 Resp: 5613
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.9 143.8
 145 27.7 14.1 42.3

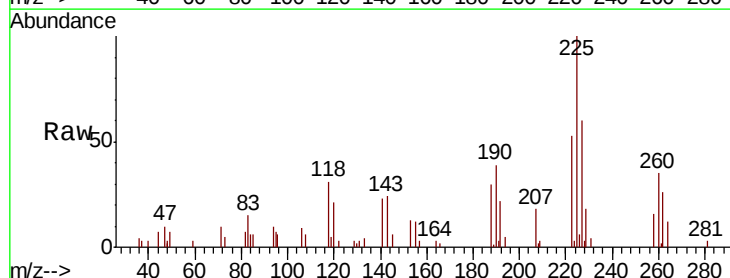


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

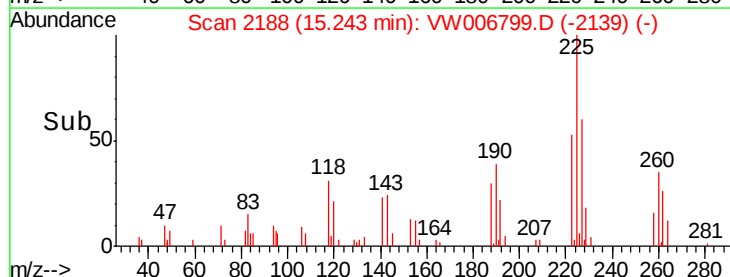
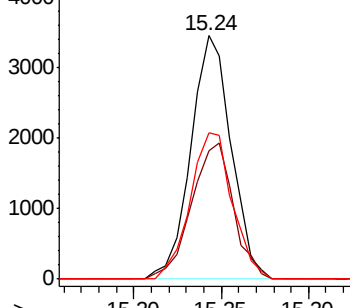


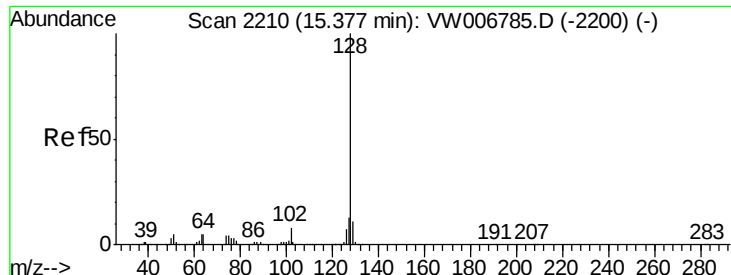
#94
 Hexachlorobutadiene
 Concen: 48.604 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion:225 Resp: 5541
 Ion Ratio Lower Upper
 225 100
 223 58.1 30.9 92.5
 227 62.8 31.9 95.7



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

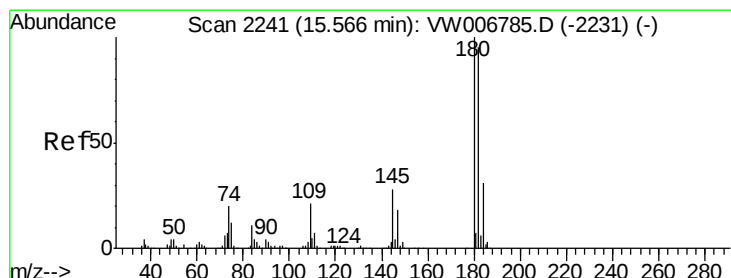
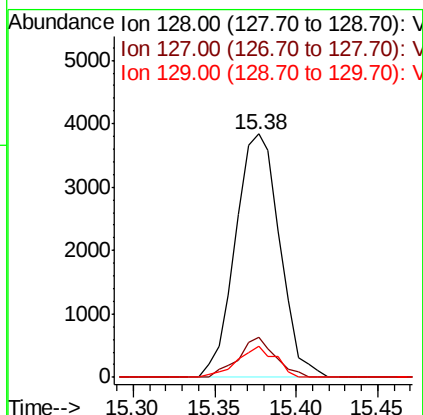
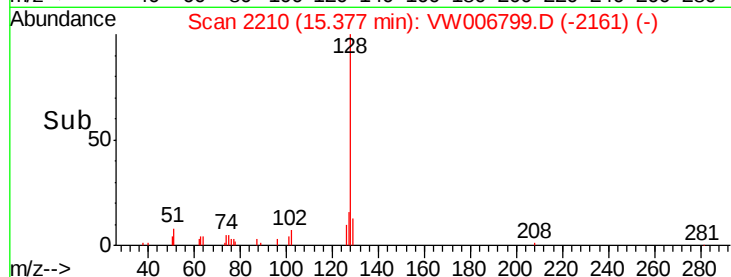
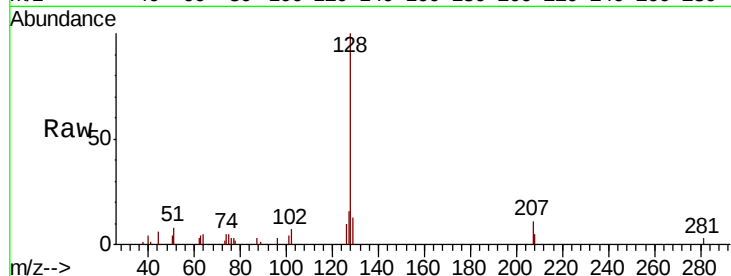




#95
Naphthalene
Concen: 26.164 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

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

Tot Ion:128 Resp: 7252
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 31.525 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:180 Resp: 4940
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.4
145 30.4 14.5 43.6

