

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006798.D
 Acq On : 09 Nov 2018 20:40
 Operator : SY/AP
 Sample : J5860-05MS
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 12 04:39:20 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	7.95	168	285581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104129	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.89	113	108690	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.33	98	461749	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.62	95	174061	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	116317	50.095	ug/l	96
3) Chloromethane	2.21	50	144394	51.801	ug/l	99
4) Vinyl Chloride	2.35	62	155094	52.924	ug/l	99
5) Bromomethane	2.78	94	113961	57.373	ug/l	100
6) Chloroethane	2.92	64	101434	52.890	ug/l	97
7) Trichlorofluoromethane	3.26	101	187955	51.046	ug/l	98
8) Diethyl Ether	3.69	74	59655	55.691	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120857	49.398	ug/l	99
10) Methyl Iodide	4.28	142	194029	57.084	ug/l	99
11) Tert butyl alcohol	5.21	59	37369	271.272	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105829	51.875	ug/l	99
13) Acrolein	3.90	56	31801	221.657	ug/l	99
14) Allyl chloride	4.68	41	145676	52.971	ug/l	99
15) Acrylonitrile	5.38	53	125010	291.560	ug/l	99
16) Acetone	4.15	43	98173	324.040	ug/l	96
17) Carbon Disulfide	4.39	76	366073	54.397	ug/l	100
18) Methyl Acetate	4.68	43	68918	64.824	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	286150	57.267	ug/l	98
20) Methylene Chloride	4.92	84	161715	67.082	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	126770	51.950	ug/l	97
22) Diisopropyl ether	6.32	45	324134	55.927	ug/l	98
23) Vinyl Acetate	6.26	43	764616	231.319	ug/l	100
24) 1,1-Dichloroethane	6.22	63	200901	52.989	ug/l	97
25) 2-Butanone	7.18	43	146773	293.412	ug/l	100
26) 2,2-Dichloropropane	7.17	77	178575	49.436	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	139261	53.261	ug/l	99
28) Bromochloromethane	7.52	49	73990	52.104	ug/l	99
29) Tetrahydrofuran	7.54	42	95291	290.643	ug/l	100
30) Chloroform	7.68	83	223016	53.087	ug/l	99
31) Cyclohexane	7.96	56	189738	48.592	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	204432	51.275	ug/l	99
36) 1,1-Dichloropropene	8.09	75	177591	50.109	ug/l	99
37) Ethyl Acetate	7.26	43	67259	53.439	ug/l	100
38) Carbon Tetrachloride	8.07	117	188539	49.790	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224578	49.769	ug/l	96
40) Benzene	8.33	78	525142	52.473	ug/l	98
41) Methacrylonitrile	7.49	41	42345	57.991	ug/l	90
42) 1,2-Dichloroethane	8.40	62	144705	53.120	ug/l	100
43) Isopropyl Acetate	8.43	43	131568	55.761	ug/l	100
44) Trichloroethene	9.10	130	155485	50.531	ug/l	96
45) 1,2-Dichloropropane	9.37	63	124044	52.775	ug/l	99
46) Dibromomethane	9.46	93	71613	54.268	ug/l	99
47) Bromodichloromethane	9.65	83	168568	52.642	ug/l	98
48) Methyl methacrylate	9.44	41	67300	60.563	ug/l	98
49) 1,4-Dioxane	9.48	88	22331	1130.334	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	356834	294.361	ug/l	99
52) Toluene	10.39	92	390519	55.502	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173371	55.836	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	200041	54.339	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107240	55.164	ug/l	99
56) Ethyl methacrylate	10.65	69	124993	58.225	ug/l	96
57) 1,3-Dichloropropane	10.93	76	169507	54.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	297508	278.282	ug/l	100
59) 2-Hexanone	10.98	43	252756	307.661	ug/l	100
60) Dibromochloromethane	11.13	129	130070	55.662	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104022	55.617	ug/l	98
64) Tetrachloroethene	10.87	164	151930	50.504	ug/l	99
65) Chlorobenzene	11.66	112	442388	52.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	143178	53.302	ug/l	100
67) Ethyl Benzene	11.74	91	750258	53.186	ug/l	100
68) m/p-Xylenes	11.84	106	610872	106.169	ug/l	100
69) o-Xylene	12.17	106	287749	54.322	ug/l	100
70) Styrene	12.18	104	476451	55.337	ug/l	100
71) Bromoform	12.35	173	83760	56.292	ug/l	100
73) Isopropylbenzene	12.47	105	770414	52.961	ug/l	99
74) N-amyl acetate	12.28	43	132050	55.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	122444	56.498	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	158113	95.896	ug/l #	100
77) Bromobenzene	12.75	156	204490	54.366	ug/l	100
78) n-propylbenzene	12.81	91	894023	51.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	510235	52.401	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	662305	52.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34916	56.305	ug/l	98
82) 4-Chlorotoluene	12.99	91	546132	52.479	ug/l	100
83) tert-Butylbenzene	13.21	119	578278	53.097	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	683456	52.926	ug/l	99
85) sec-Butylbenzene	13.39	105	809464	51.931	ug/l	100
86) p-Isopropyltoluene	13.51	119	741446	52.149	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	398330	52.126	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393260	51.670	ug/l	100
89) n-Butylbenzene	13.83	91	654864	49.904	ug/l	99
90) Hexachloroethane	14.10	117	119656	53.645	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	358891	53.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19939	56.977	ug/l	98

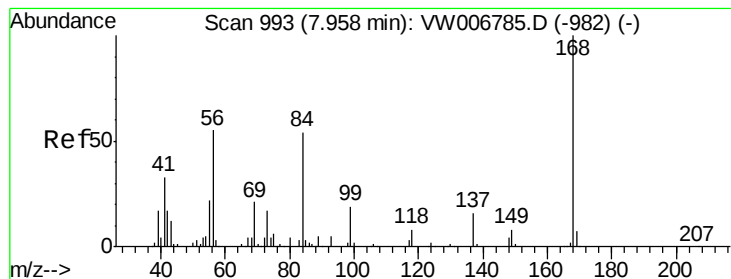
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	258028	52.140	ug/l	99
94) Hexachlorobutadiene	15.24	225	150148	48.210	ug/l	99
95) Naphthalene	15.38	128	446686	58.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	230968	53.953	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

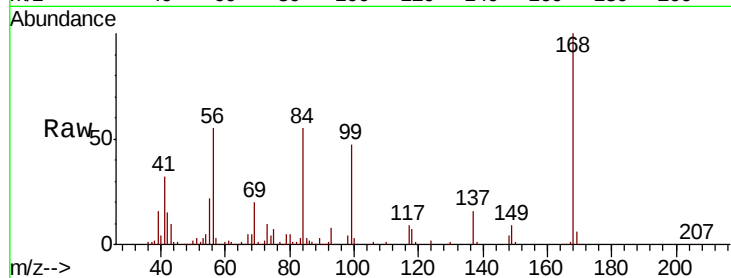
EP2-SB-104(15-17)

Tot Ion:168 Resp: 285581

Ion Ratio Lower Upper

168 100

99 46.8 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

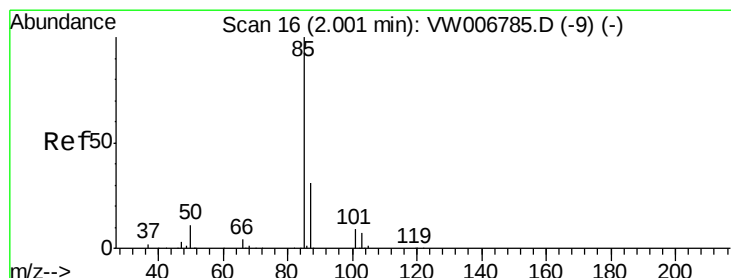
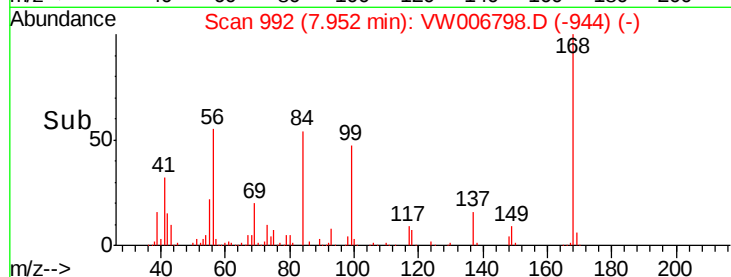
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.095 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006798.D

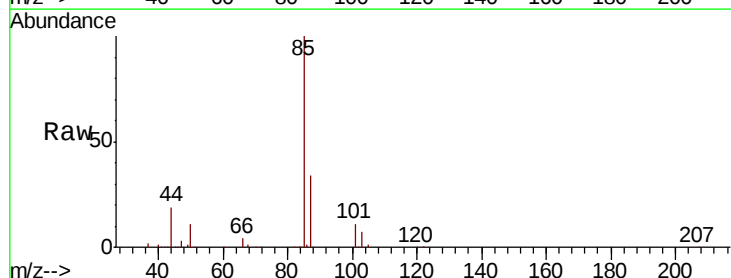
Acq: 09 Nov 2018 20:40

Tgt Ion: 85 Resp: 116317

Ion Ratio Lower Upper

85 100

87 33.8 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

80000

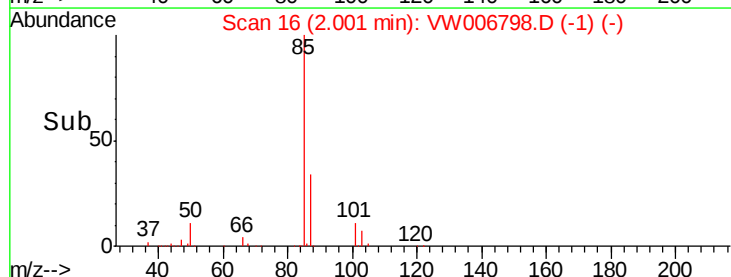
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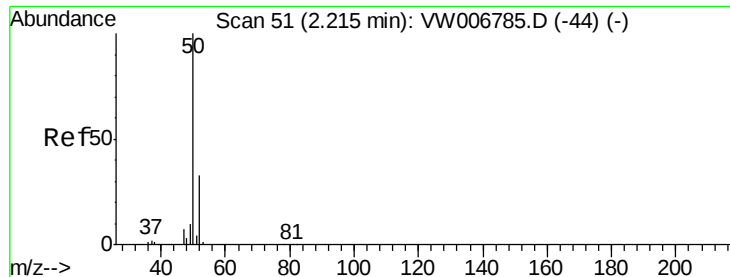
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 51.801 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

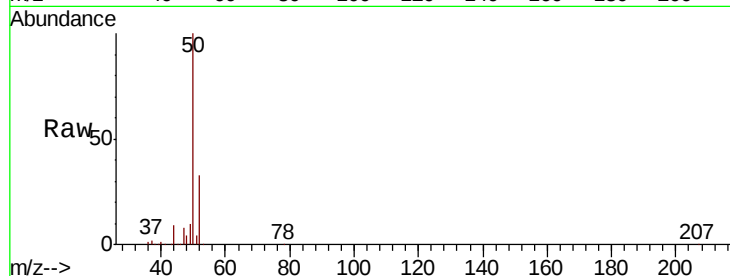
EP2-SB-104(15-17)

Tot Ion: 50 Resp: 144394

Ion Ratio Lower Upper

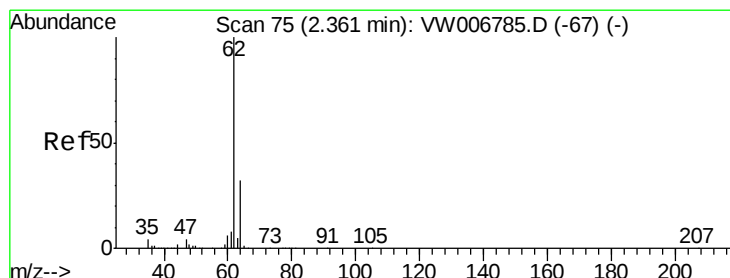
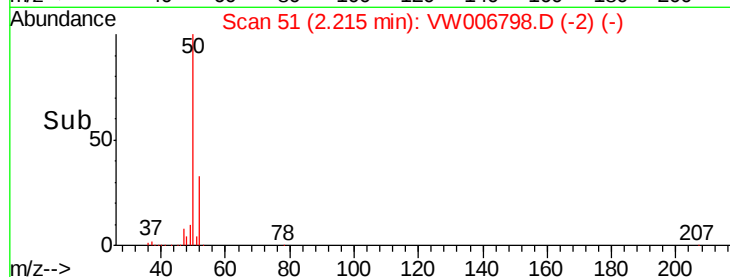
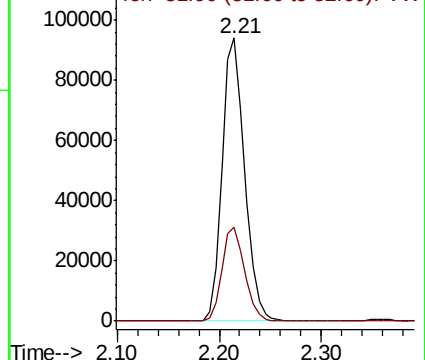
50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 52.924 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006798.D

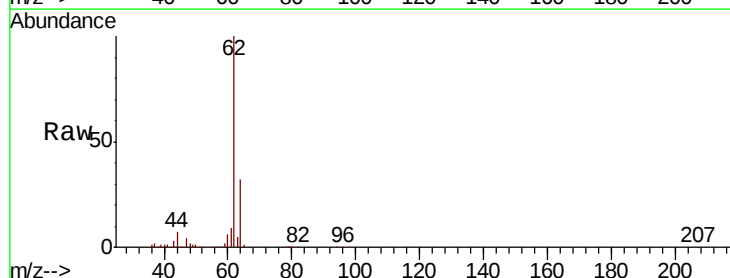
Acq: 09 Nov 2018 20:40

Tgt Ion: 62 Resp: 155094

Ion Ratio Lower Upper

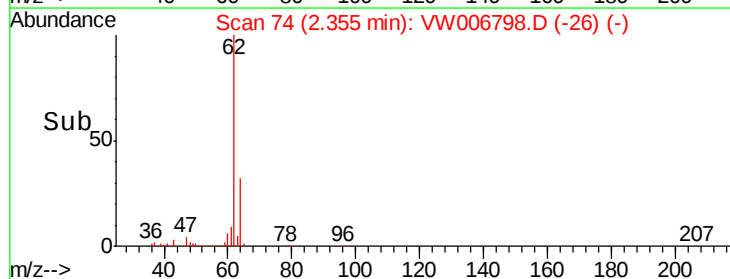
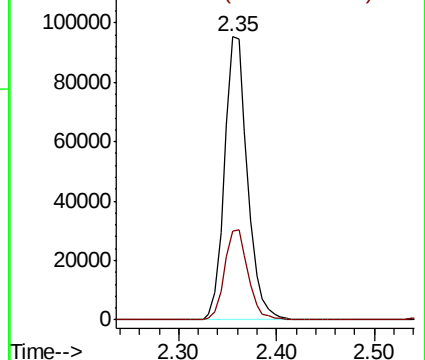
62 100

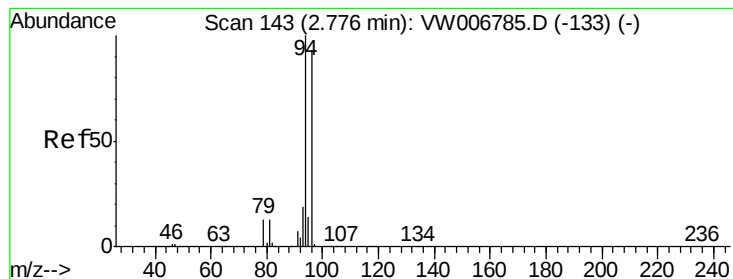
64 31.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 57.373 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

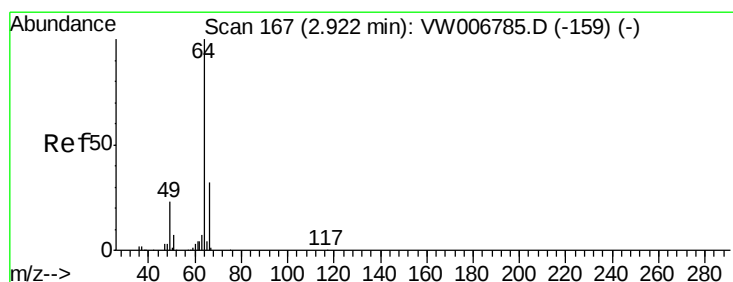
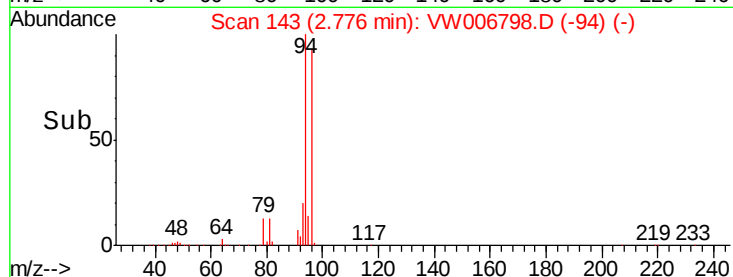
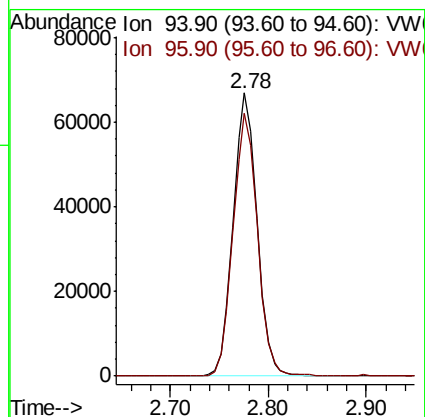
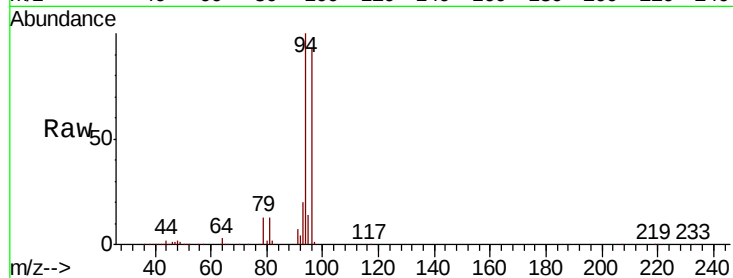
EP2-SB-104(15-17)

Tot Ion: 94 Resp: 113961

Ion Ratio Lower Upper

94 100

96 92.9 74.5 111.7



#6

Chloroethane

Concen: 52.890 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006798.D

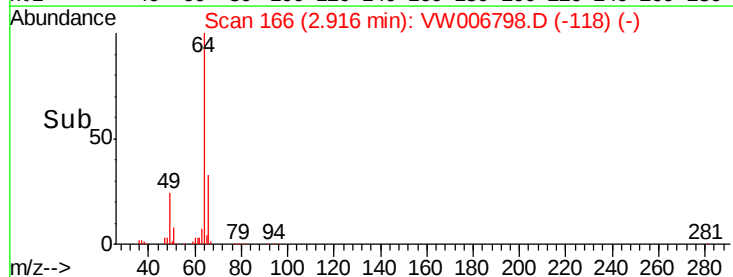
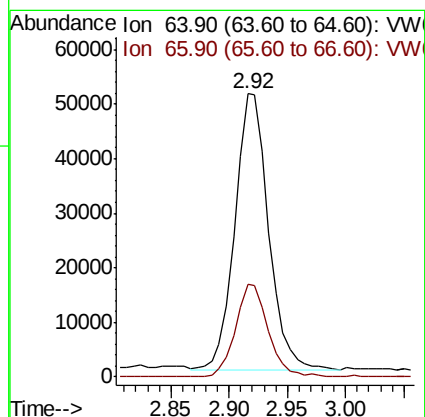
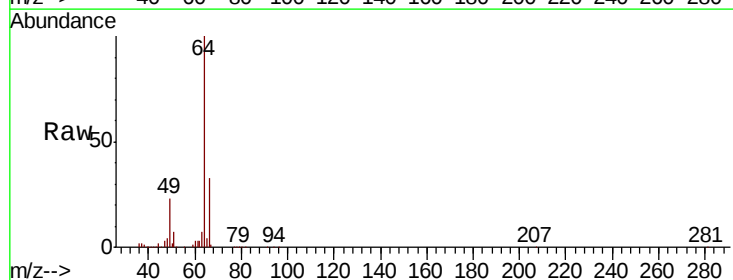
Acq: 09 Nov 2018 20:40

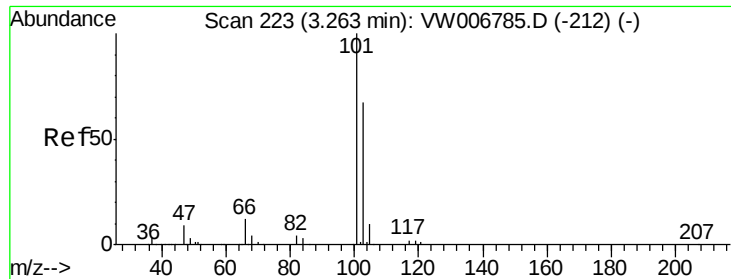
Tgt Ion: 64 Resp: 101434

Ion Ratio Lower Upper

64 100

66 33.3 25.4 38.2



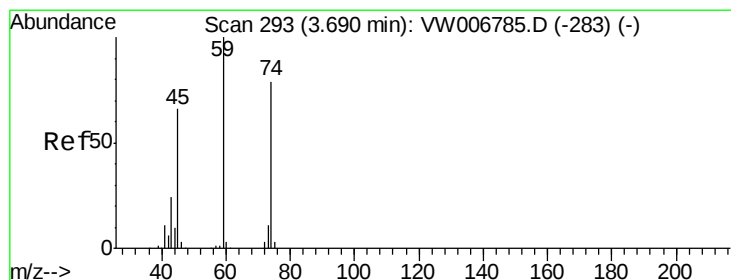
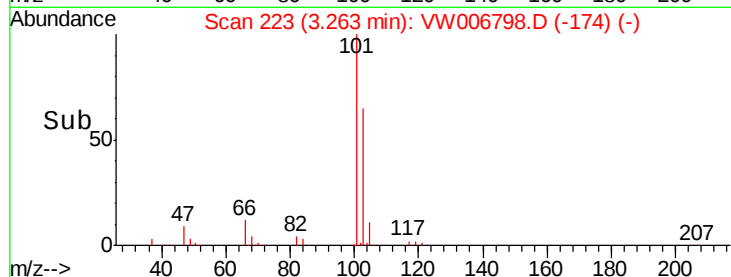
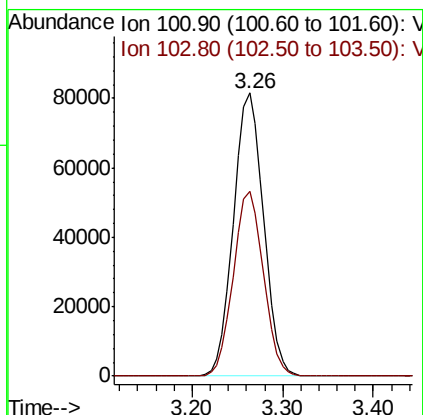
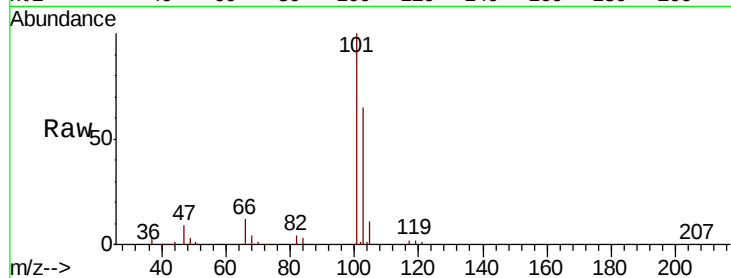


#7

Trichlorofluoromethane
 Concen: 51.046 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

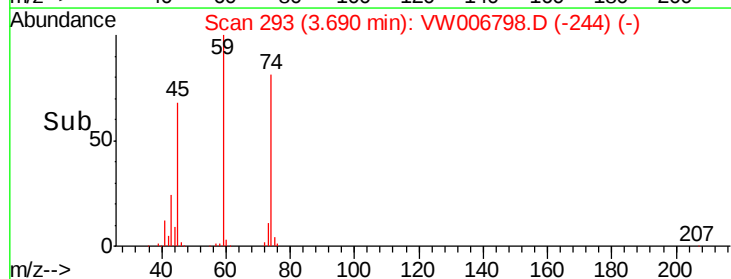
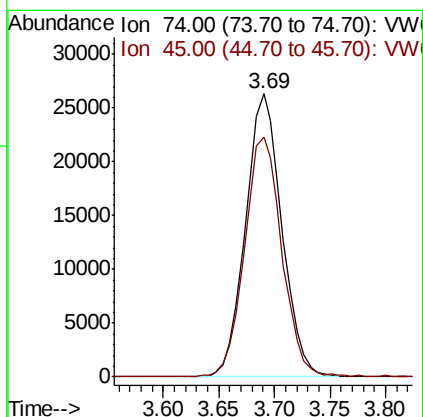
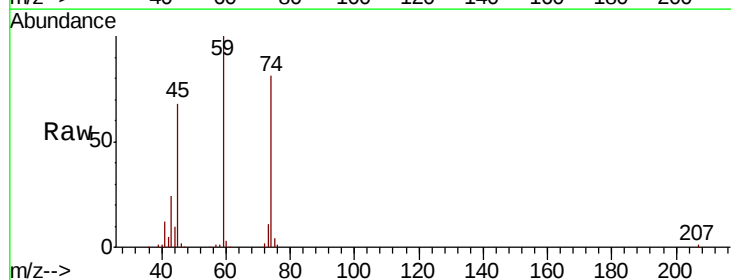
Tot Ion:101 Resp: 187955
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.4 80.0

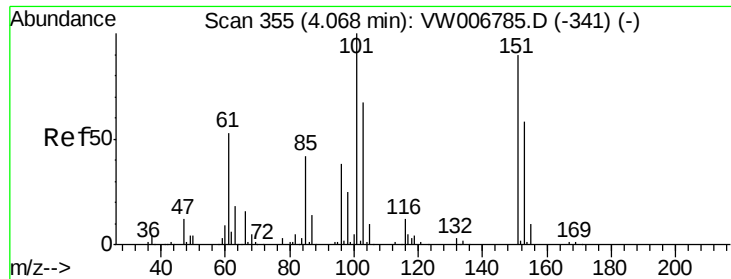


#8

Diethyl Ether
 Concen: 55.691 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 74 Resp: 59655
 Ion Ratio Lower Upper
 74 100
 45 87.3 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.398 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

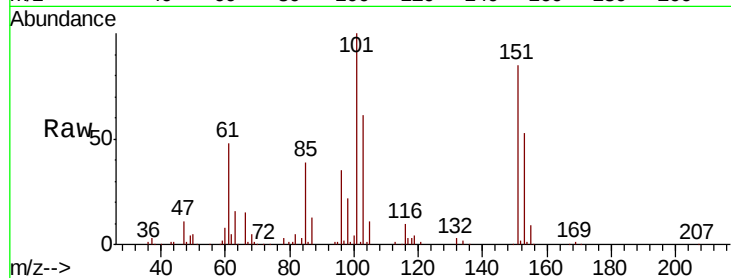
Tot Ion:101 Resp: 120857

Ion Ratio Lower Upper

101 100

85 41.4 34.0 51.0

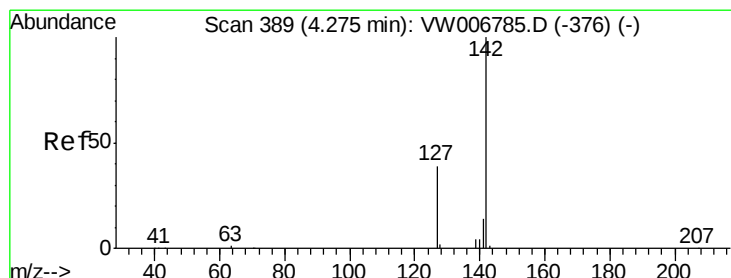
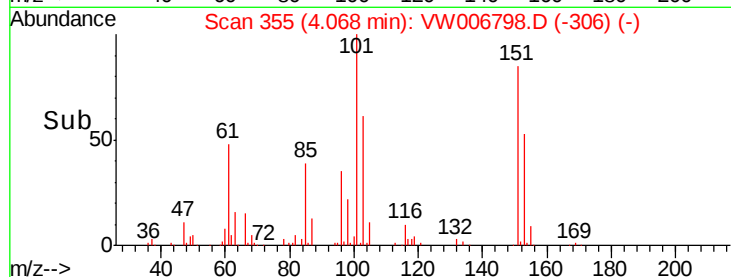
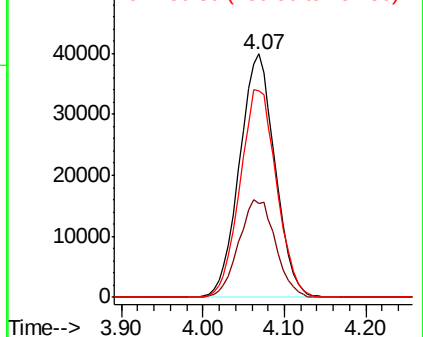
151 87.8 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.084 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

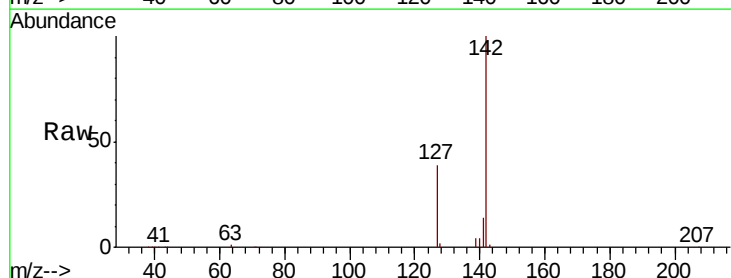
Tgt Ion:142 Resp: 194029

Ion Ratio Lower Upper

142 100

127 39.7 32.3 48.5

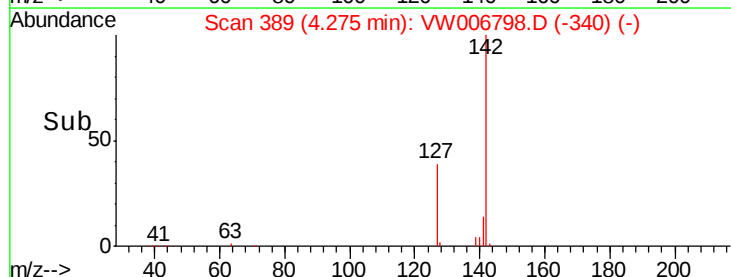
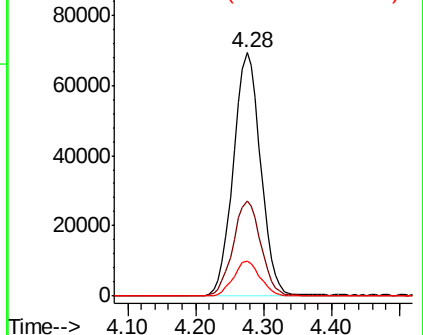
141 14.2 11.4 17.0

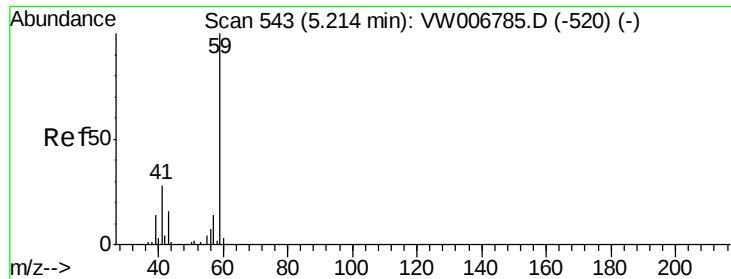


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



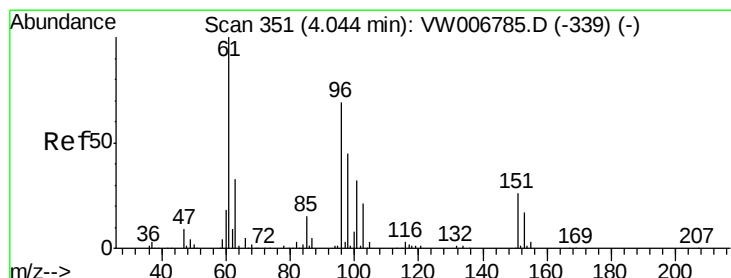
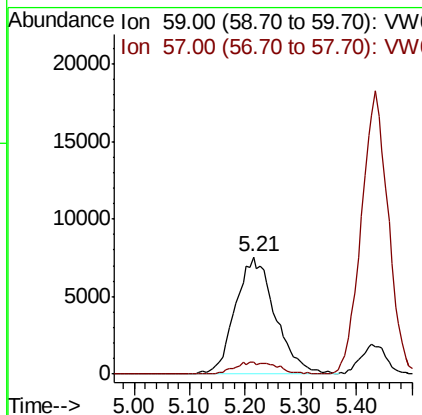
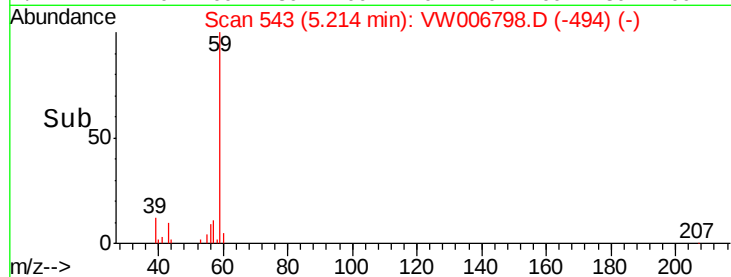
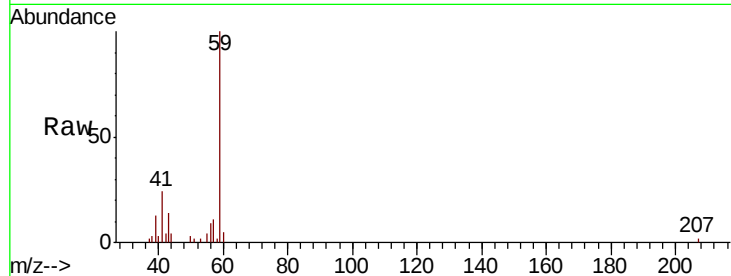


#11

Tert butyl alcohol
Concen: 271.272 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

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

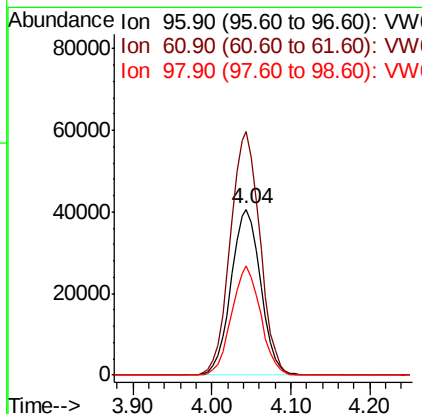
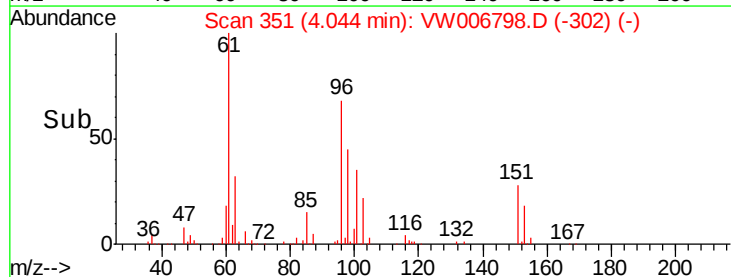
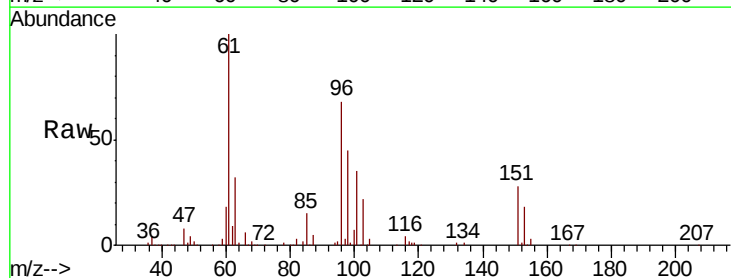
Tot Ion: 59 Resp: 37369
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

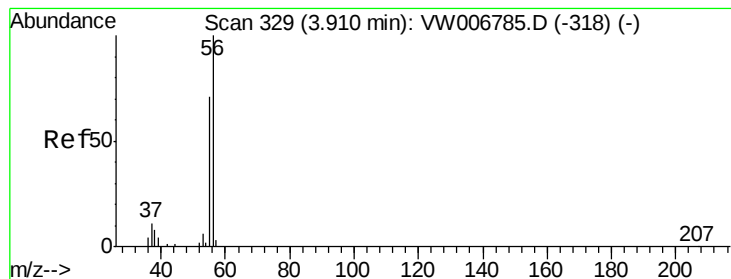


#12

1,1-Dichloroethene
Concen: 51.875 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 96 Resp: 105829
Ion Ratio Lower Upper
96 100
61 146.9 116.0 174.0
98 65.9 52.0 78.0





#13

Acrolein

Concen: 221.657 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

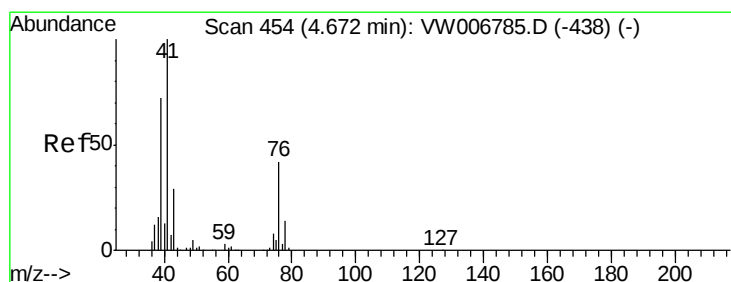
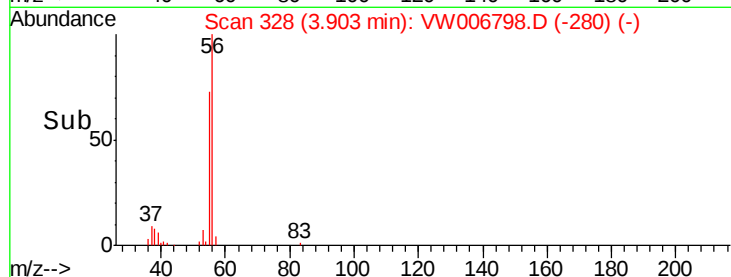
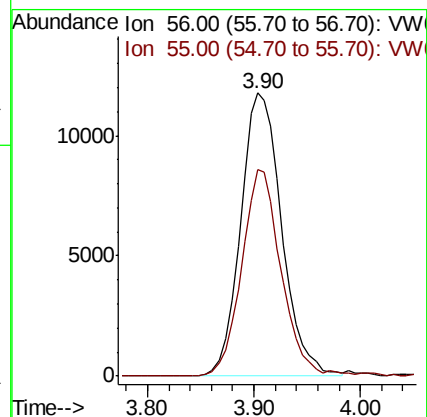
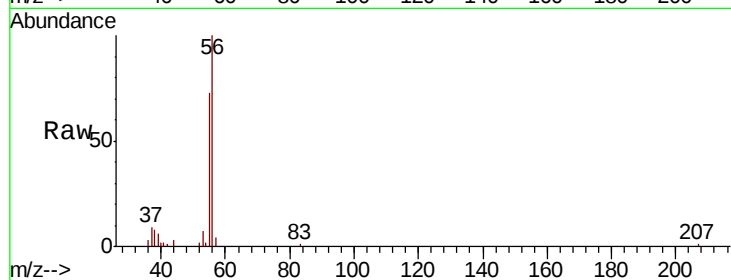
EP2-SB-104(15-17)

Tot Ion: 56 Resp: 31801

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 52.971 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

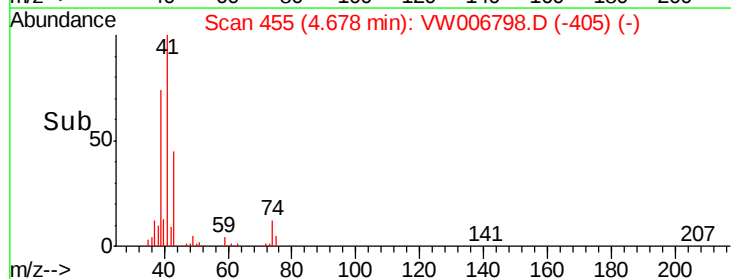
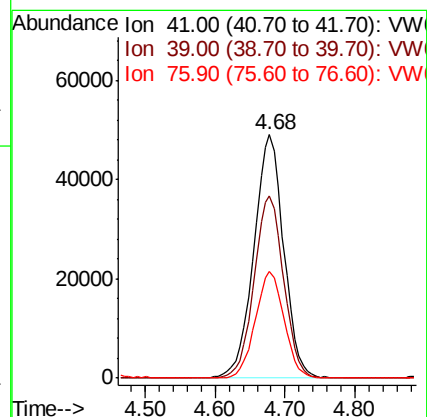
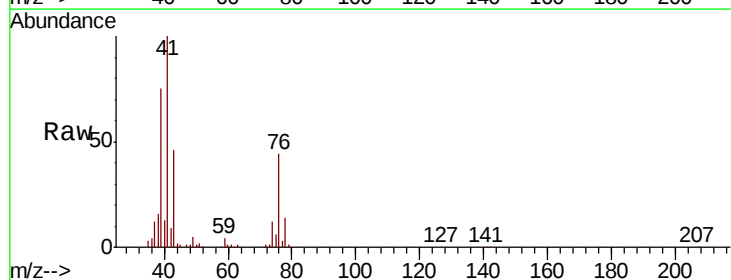
Tgt Ion: 41 Resp: 145676

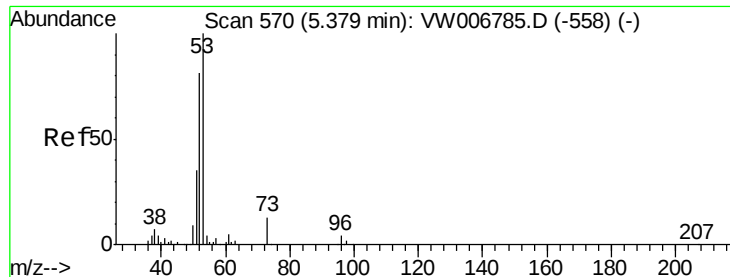
Ion Ratio Lower Upper

41 100

39 73.9 60.0 90.0

76 42.1 34.2 51.4





#15

Acrylonitrile

Concen: 291.560 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

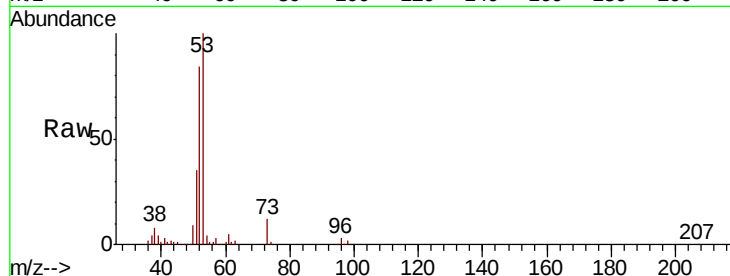
MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 53 Resp: 125010

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	37.5	30.2	45.4

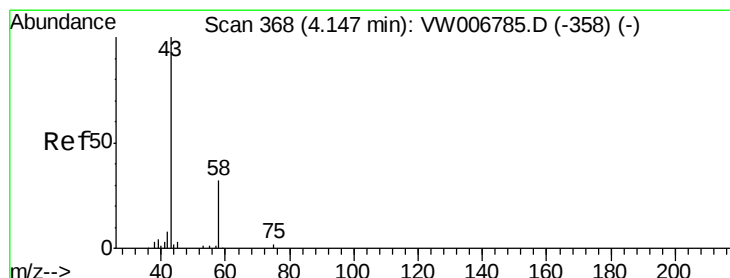
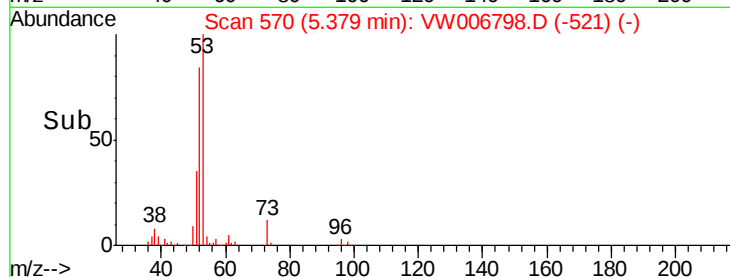
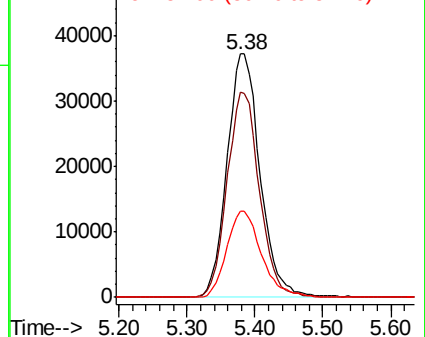


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 324.040 ug/l

RT: 4.15 min Scan# 368

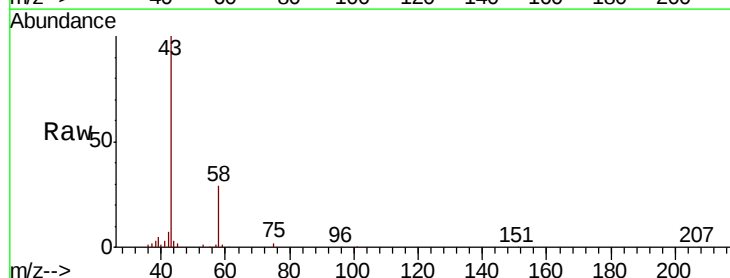
Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Tgt Ion: 43 Resp: 98173

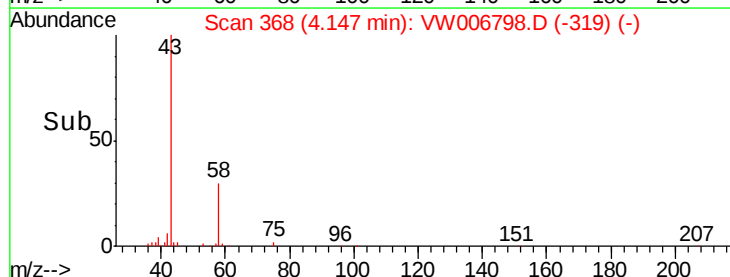
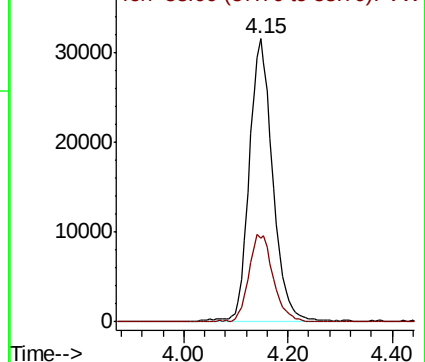
Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.4	38.0

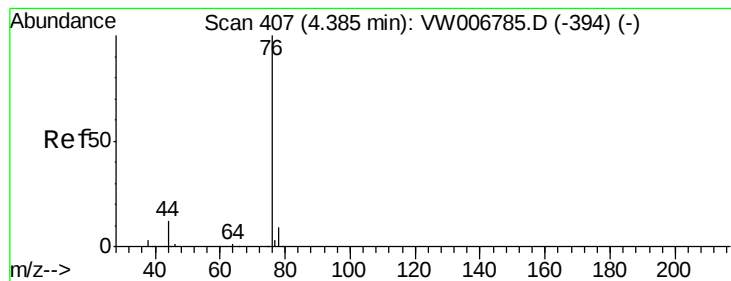


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 54.397 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

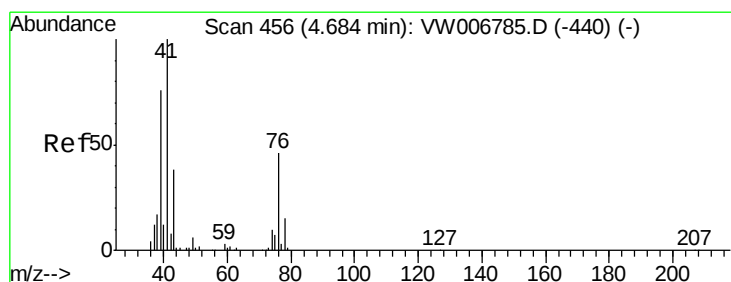
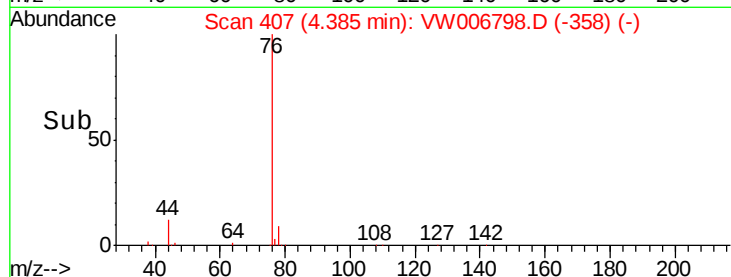
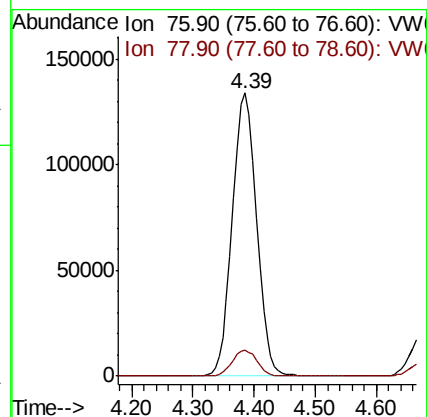
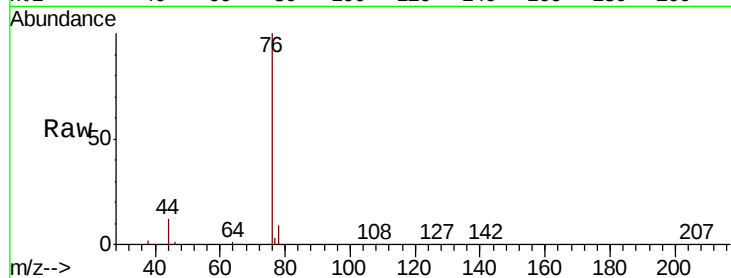
EP2-SB-104(15-17)

Tot Ion: 76 Resp: 366073

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 64.824 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006798.D

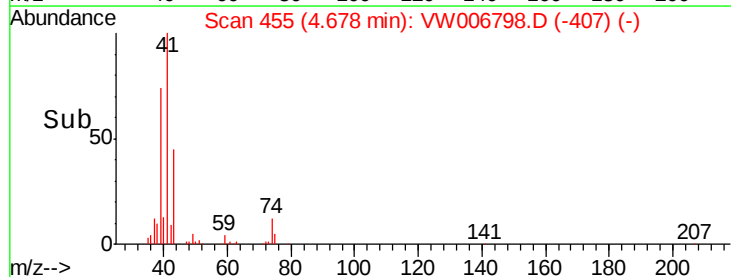
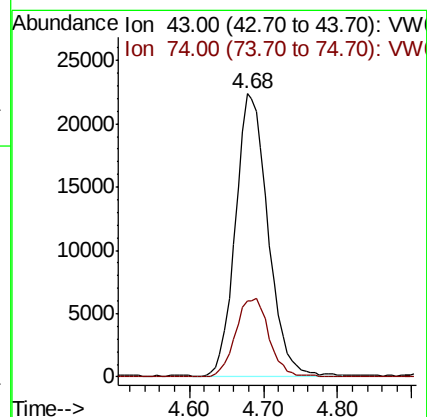
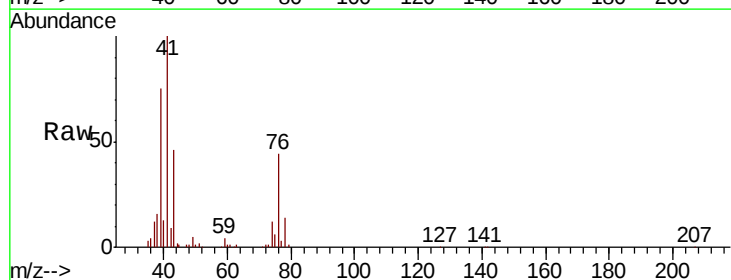
Acq: 09 Nov 2018 20:40

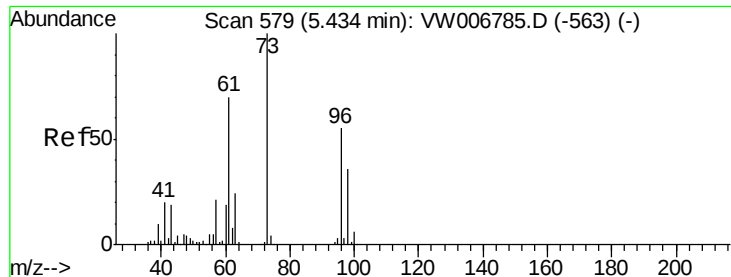
Tgt Ion: 43 Resp: 68918

Ion Ratio Lower Upper

43 100

74 28.3 21.8 32.8

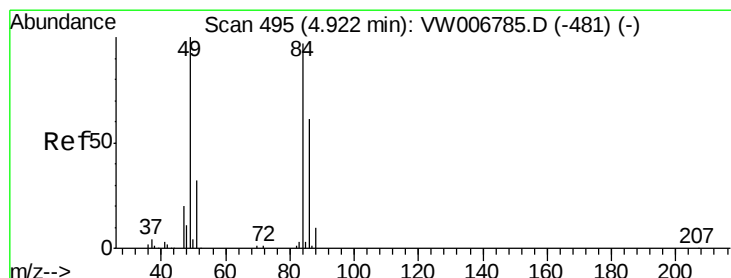
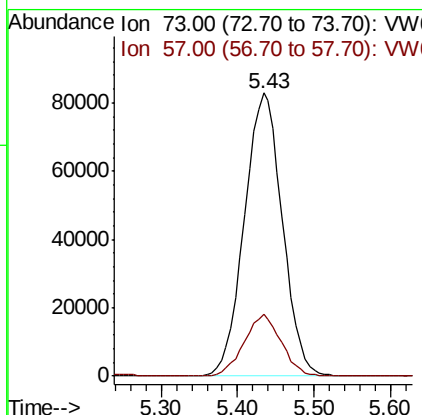
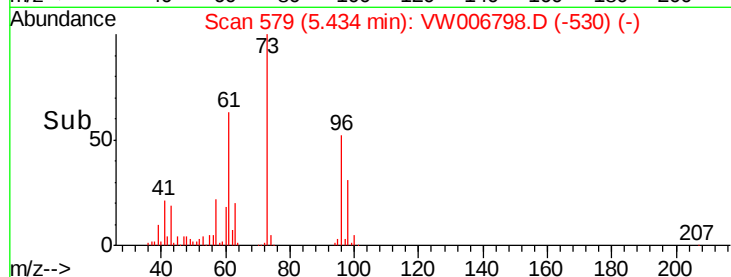
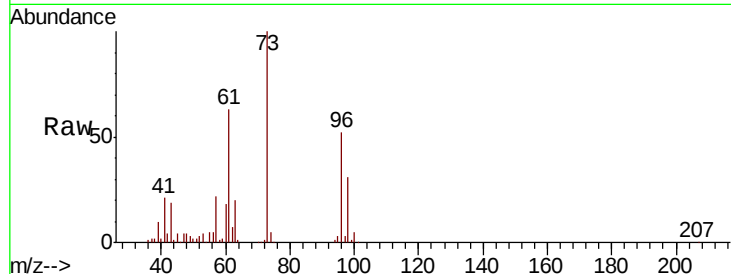




#19
Methvl tert-butvl Ether
Concen: 57.267 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

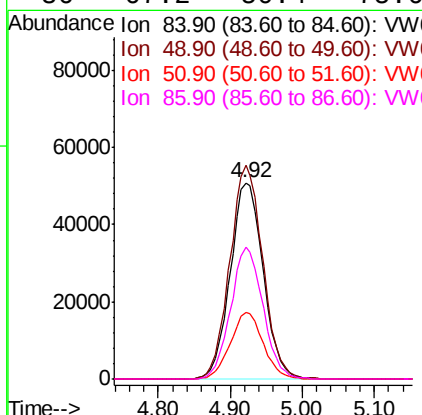
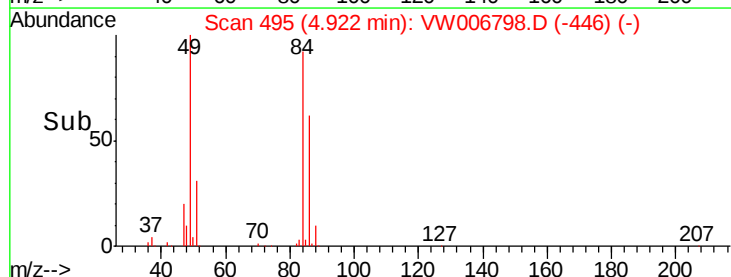
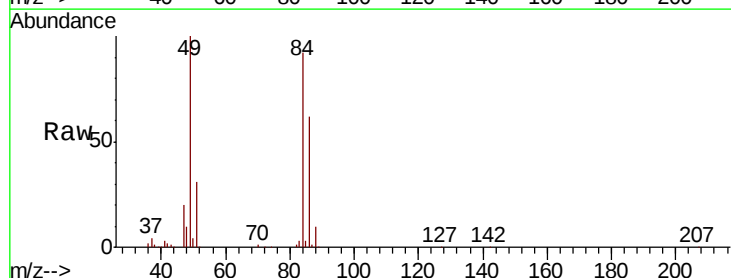
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

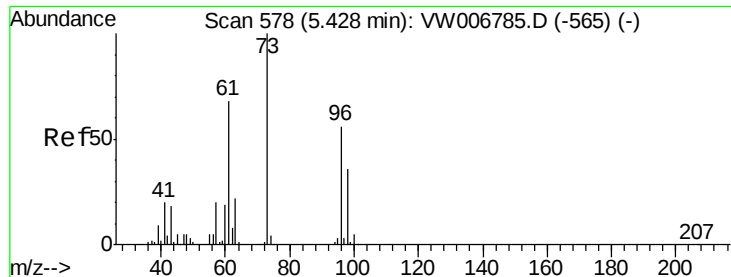
Tot Ion: 73 Resp: 286150
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 67.082 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 84 Resp: 161715
Ion Ratio Lower Upper
84 100
49 109.1 82.4 123.6
51 33.8 26.7 40.1
86 67.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.950 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

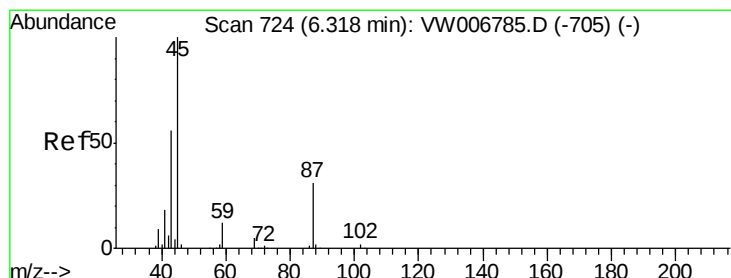
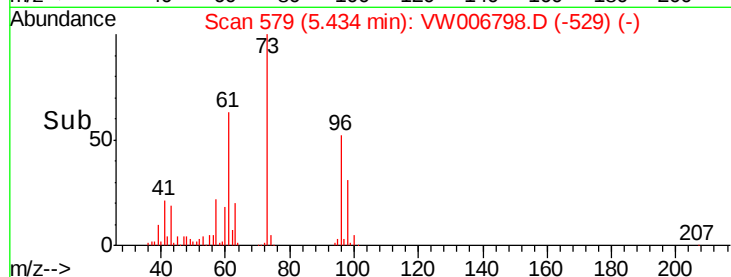
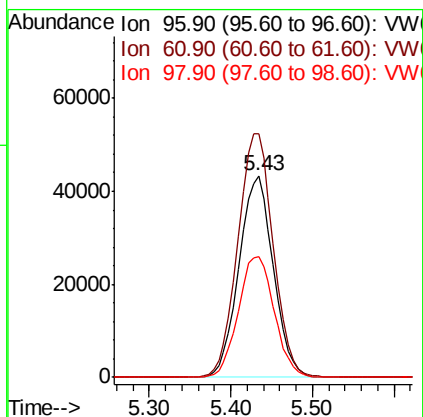
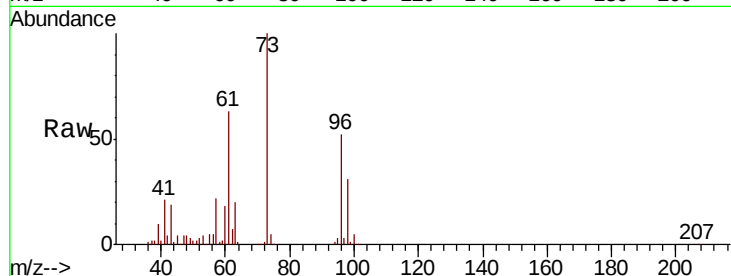
Tot Ion: 96 Resp: 126770

Ion Ratio Lower Upper

96 100

61 120.6 97.6 146.4

98 59.9 51.6 77.4



#22

Diisopropyl ether

Concen: 55.927 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Tgt Ion: 45 Resp: 324134

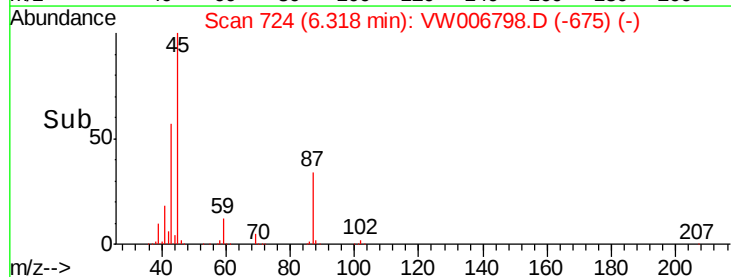
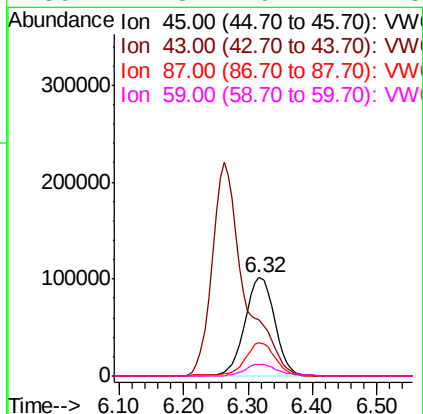
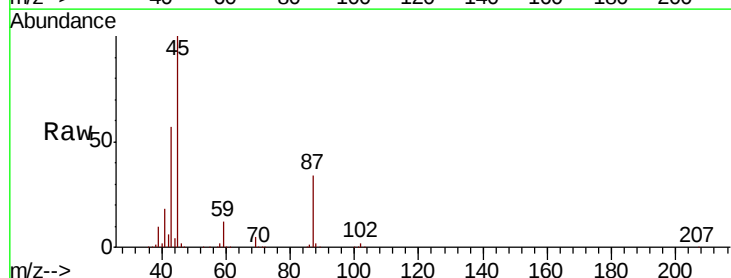
Ion Ratio Lower Upper

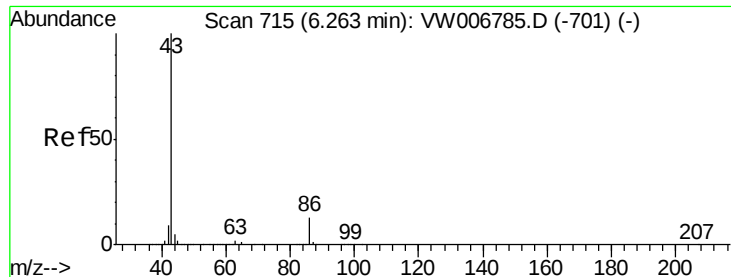
45 100

43 56.9 44.6 66.8

87 33.8 25.5 38.3

59 12.3 9.7 14.5





#23

Vinyl Acetate

Concen: 231.319 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

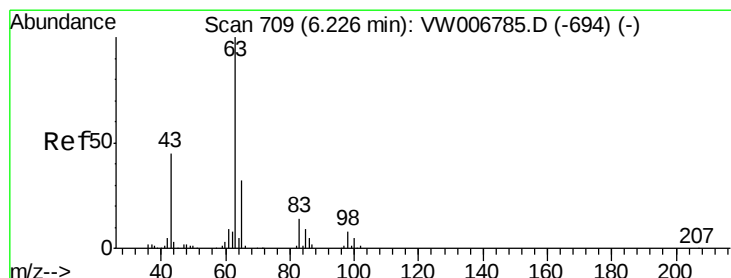
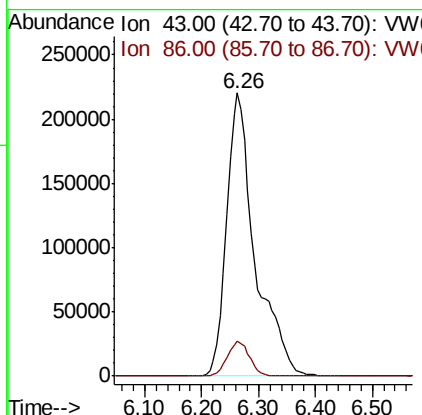
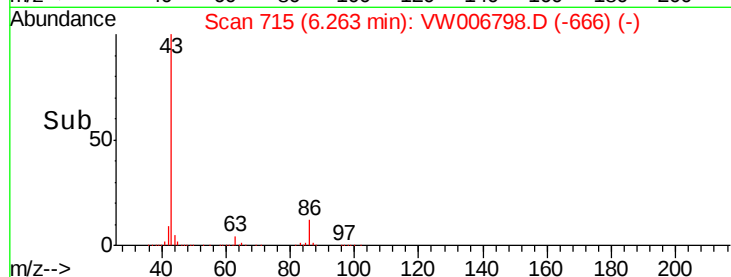
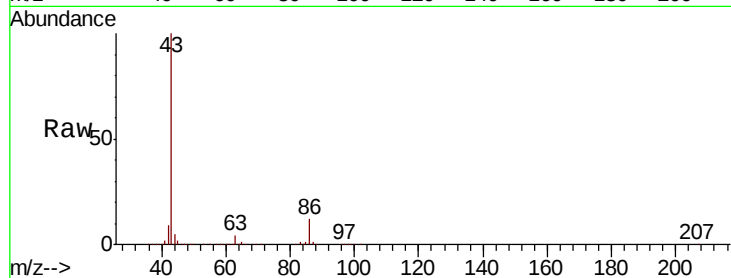
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 764616

Ion Ratio Lower Upper

43 100

86 12.5 10.0 15.0



#24

1,1-Dichloroethane

Concen: 52.989 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

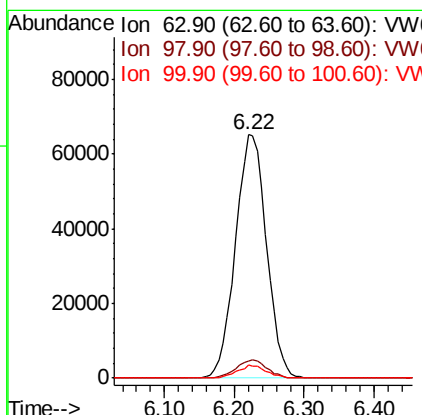
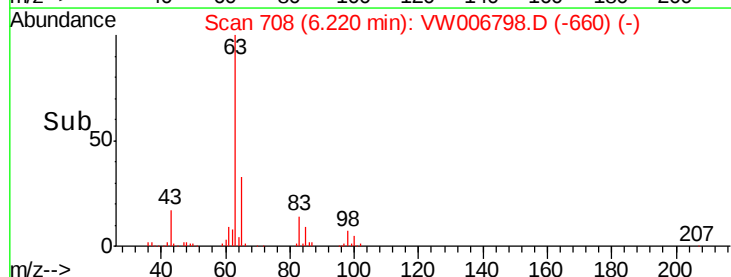
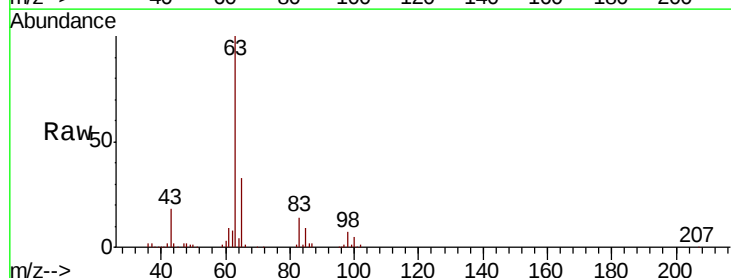
Tgt Ion: 63 Resp: 200901

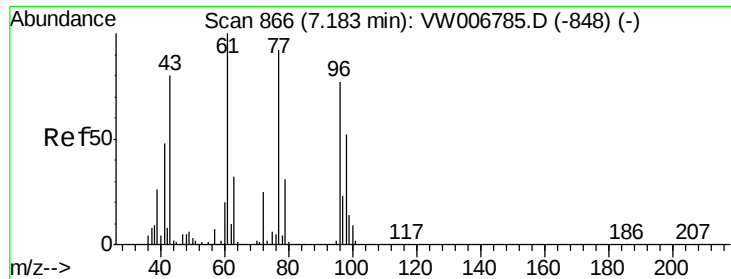
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.2

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 293.412 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

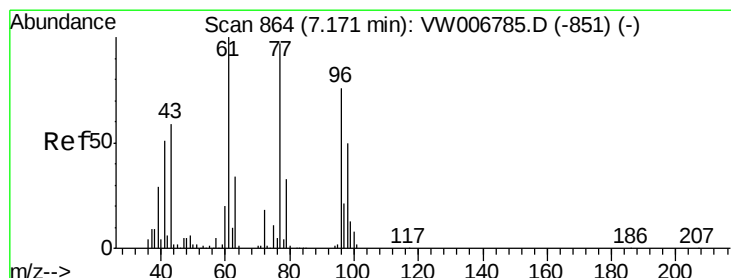
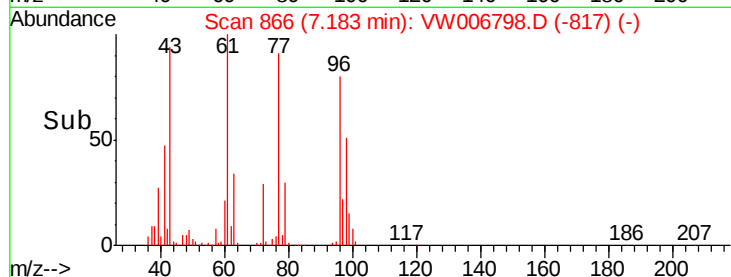
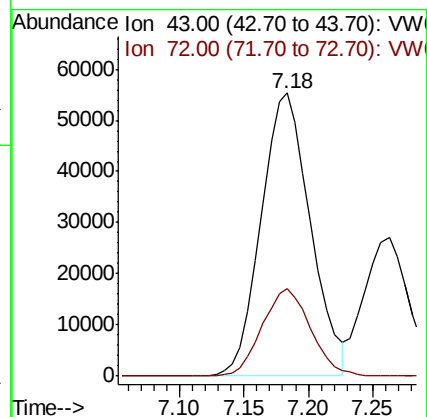
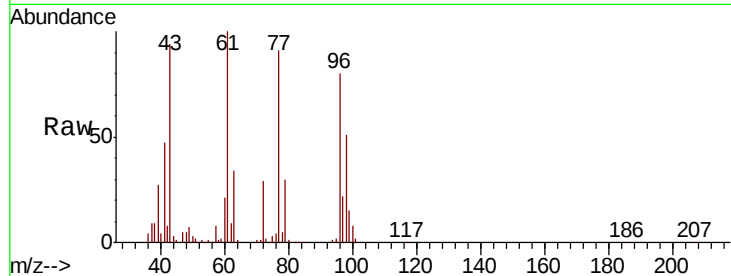
EP2-SB-104(15-17)

Tot Ion: 43 Resp: 146773

Ion Ratio Lower Upper

43 100

72 30.8 24.5 36.7



#26

2,2-Dichloropropane

Concen: 49.436 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006798.D

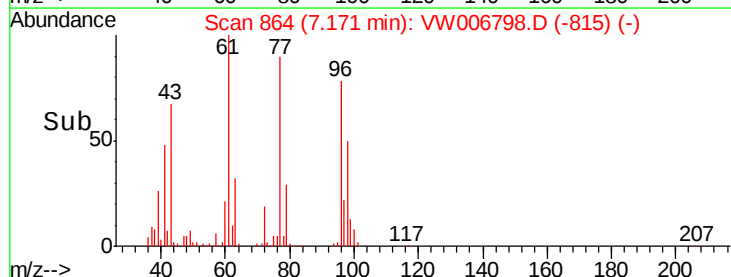
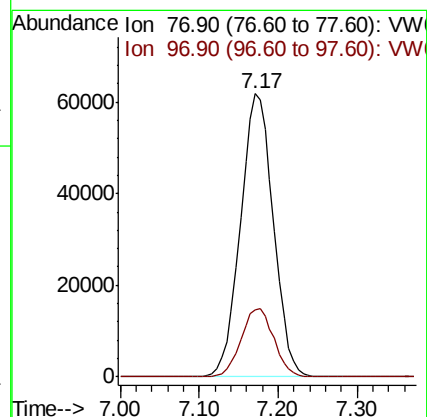
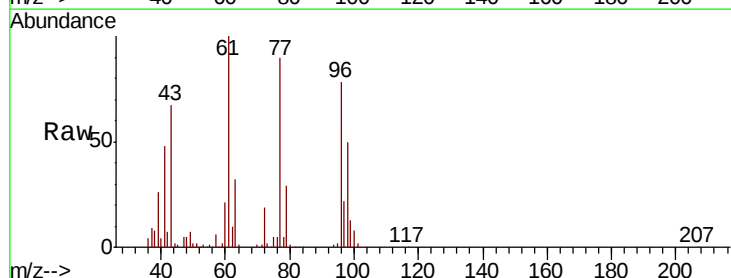
Acq: 09 Nov 2018 20:40

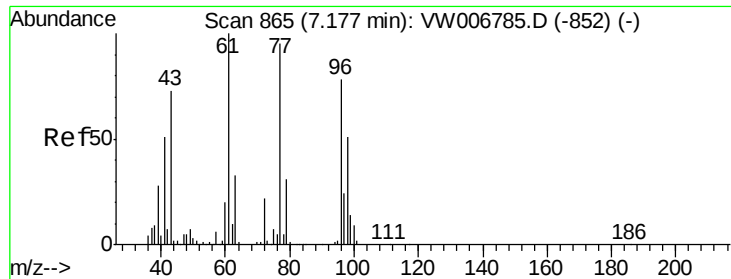
Tgt Ion: 77 Resp: 178575

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



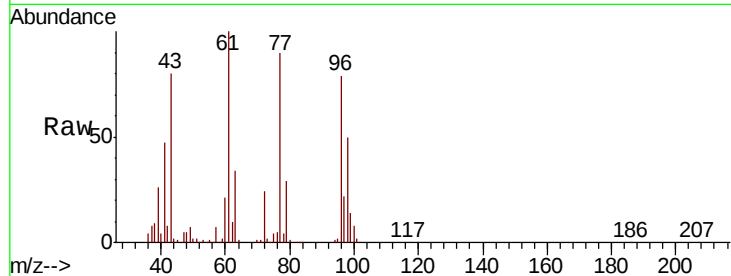


#27

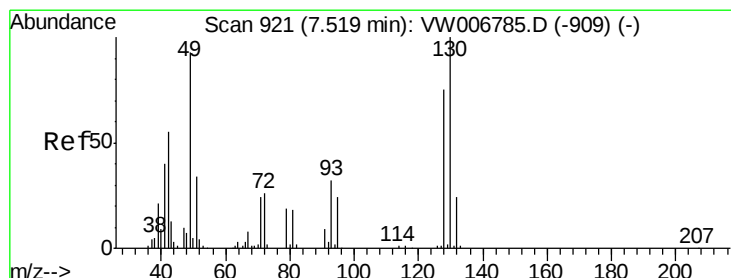
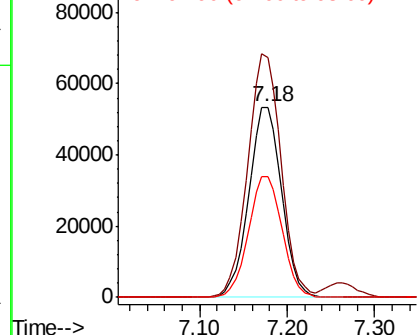
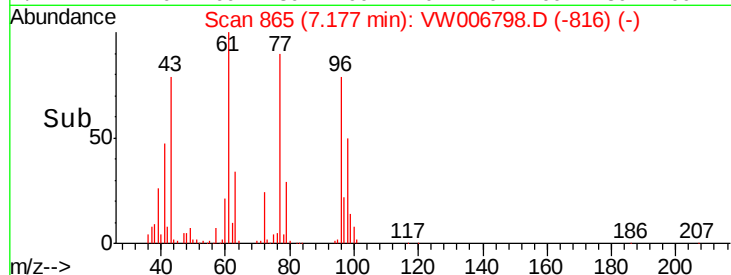
cis-1,2-Dichloroethene
 Concen: 53.261 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	264.4
98	65.2	0.0	130.0



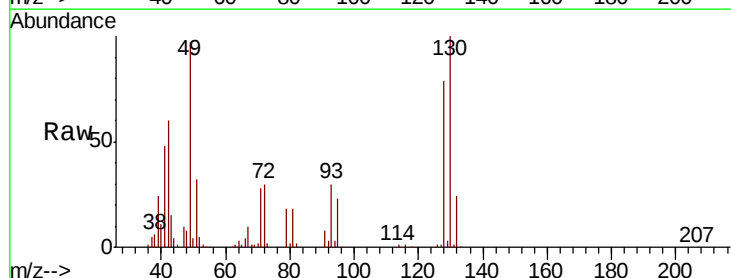
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



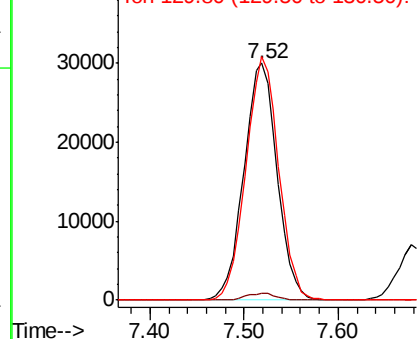
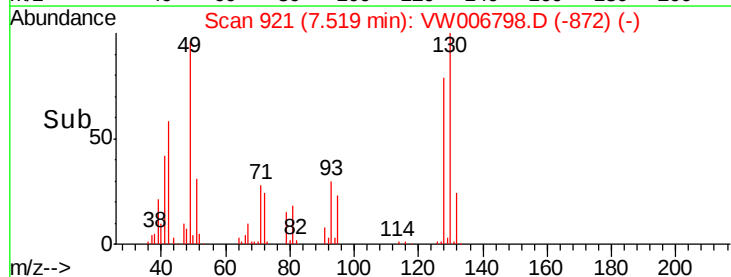
#28

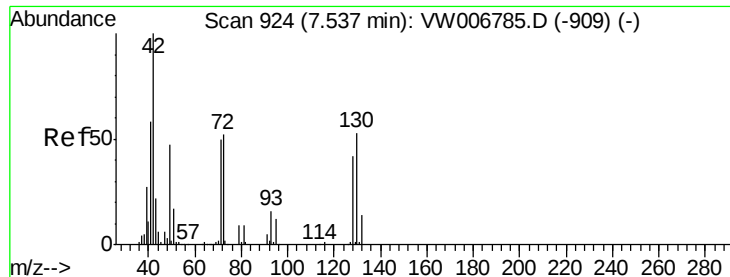
Bromochloromethane
 Concen: 52.104 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	101.3	81.5	122.3



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





#29

Tetrahydrofuran

Concen: 290.643 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

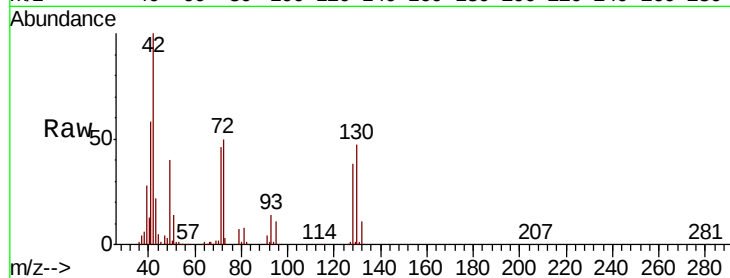
Tot Ion: 42 Resp: 95291

Ion Ratio Lower Upper

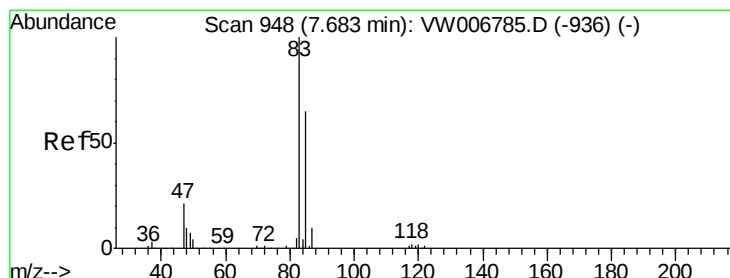
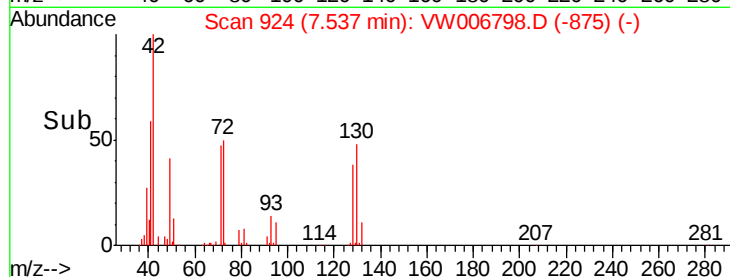
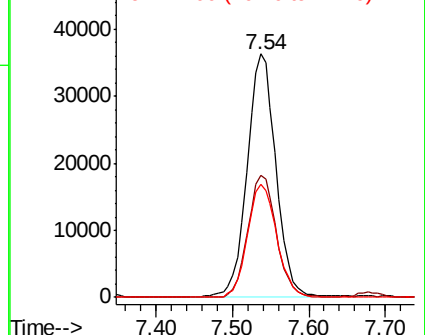
42 100

72 49.6 39.8 59.8

71 46.9 37.8 56.6



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



#30

Chloroform

Concen: 53.087 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW006798.D

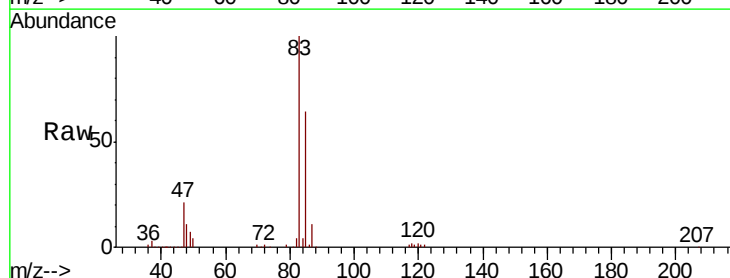
Acq: 09 Nov 2018 20:40

Tgt Ion: 83 Resp: 223016

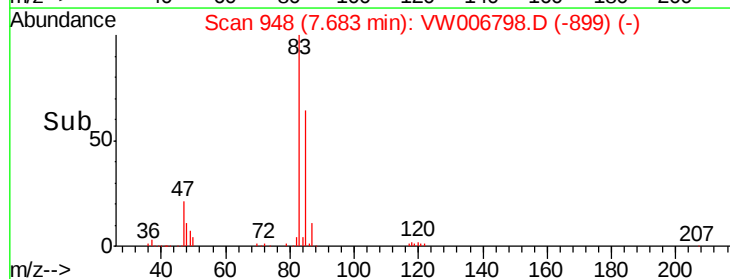
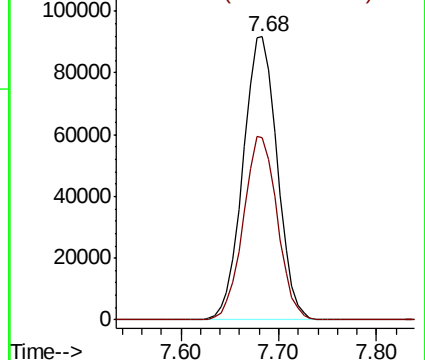
Ion Ratio Lower Upper

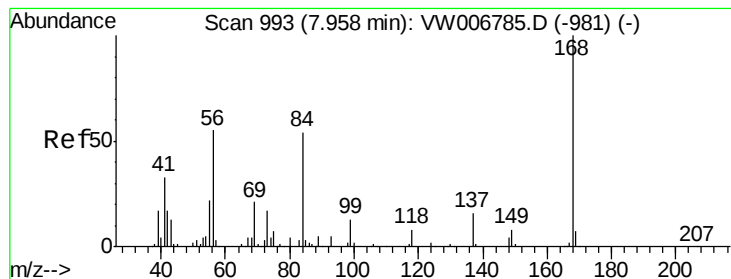
83 100

85 64.2 52.1 78.1



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





#31

Cyclohexane

Concen: 48.592 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

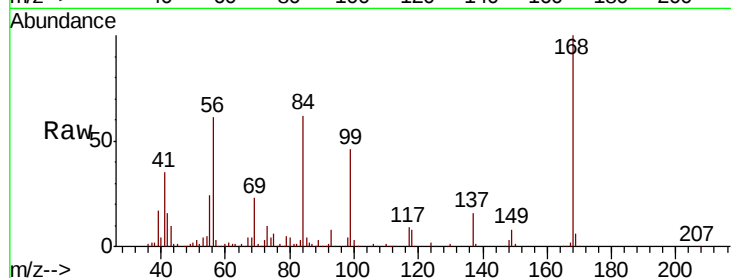
Tot Ion: 56 Resp: 189738

Ion Ratio Lower Upper

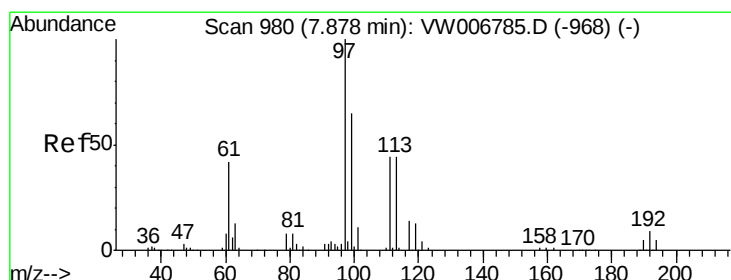
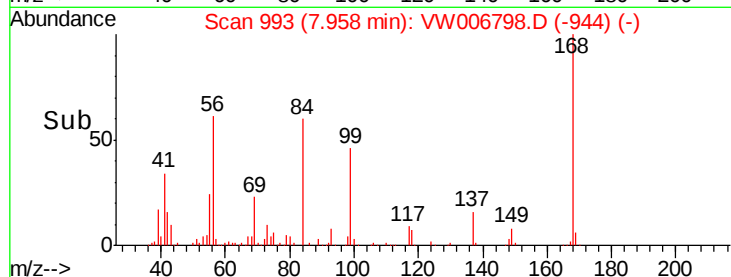
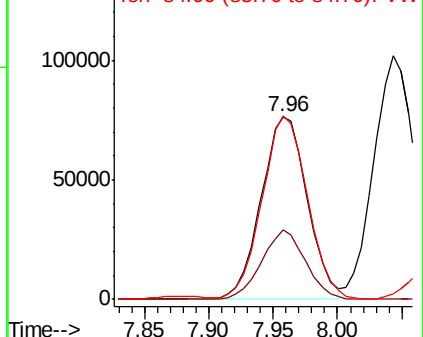
56 100

69 37.9 30.3 45.5

84 98.9 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: 51.275 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

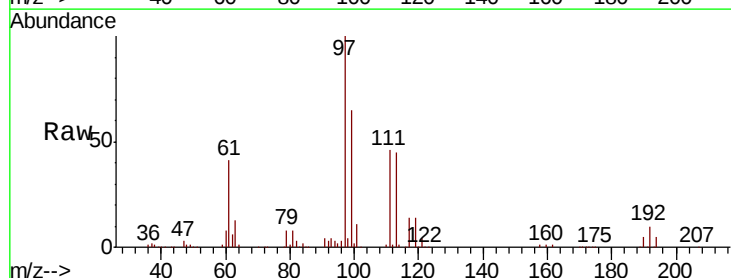
Tgt Ion: 97 Resp: 204432

Ion Ratio Lower Upper

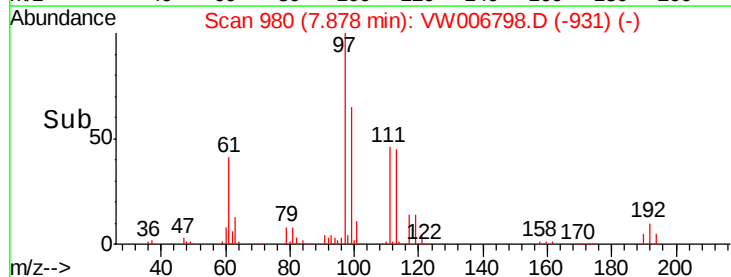
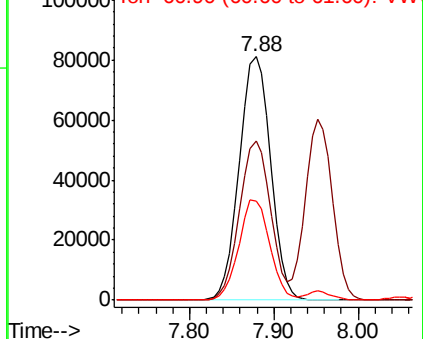
97 100

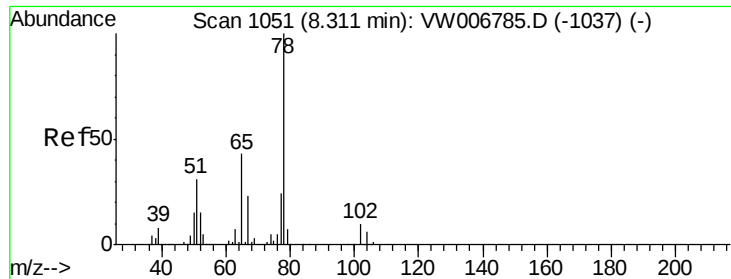
99 64.7 51.4 77.2

61 40.6 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

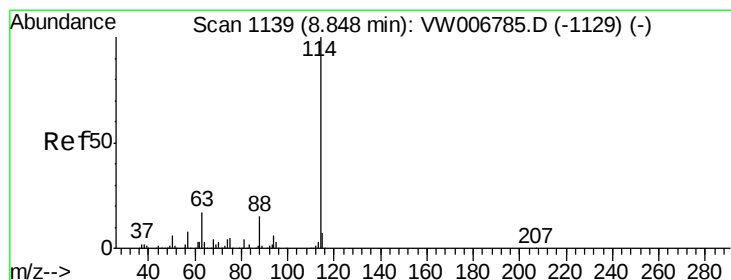
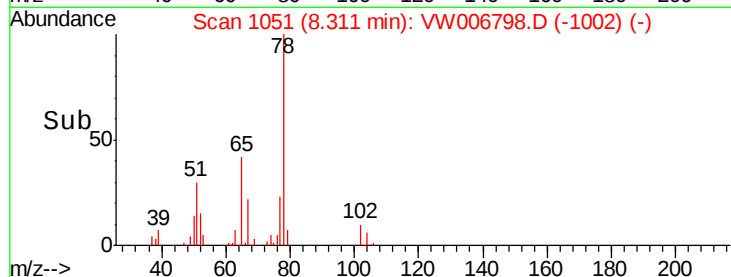
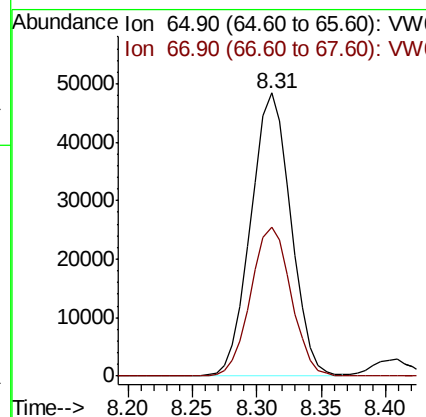
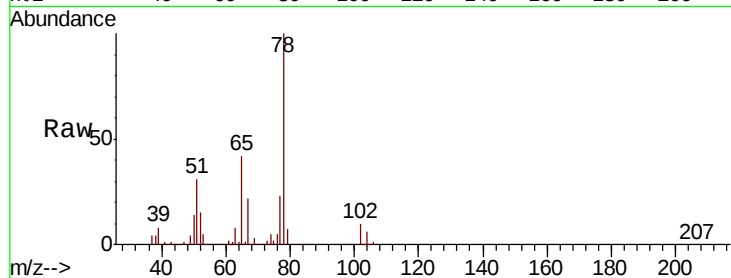




#33
 1,2-Dichloroethane-d4
 Concen: 49.752 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

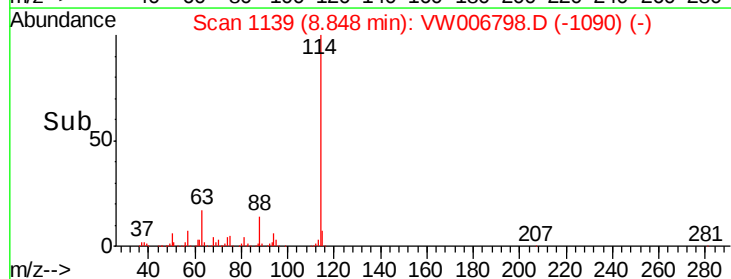
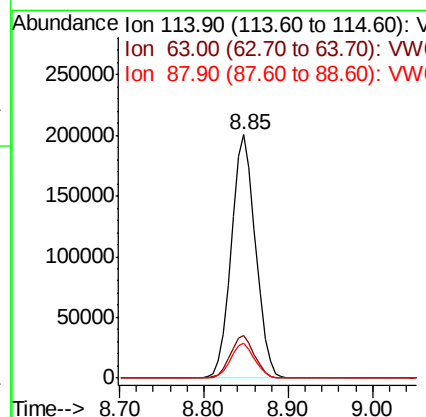
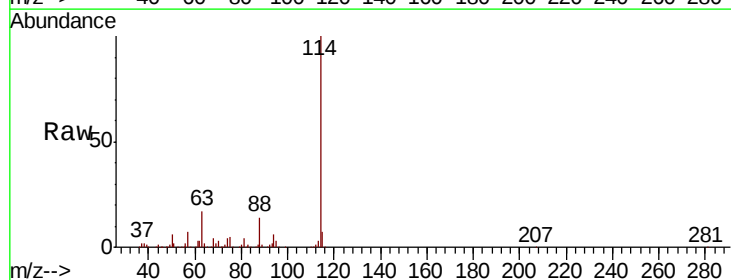
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

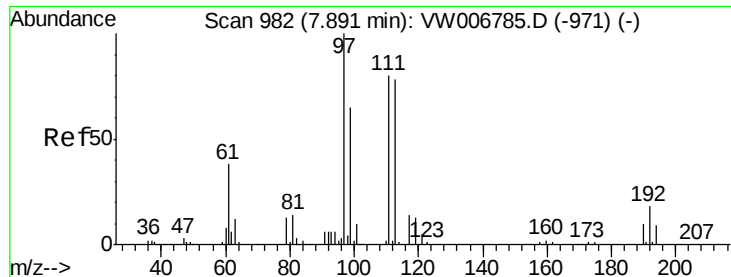
Tot Ion: 65 Resp: 104129
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 114 Resp: 390573
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 14.3 0.0 29.2

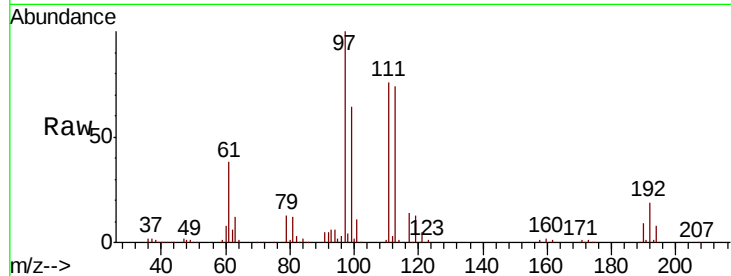




#35
 Dibromofluoromethane
 Concen: 48.892 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.2
192	24.0	19.1	28.7

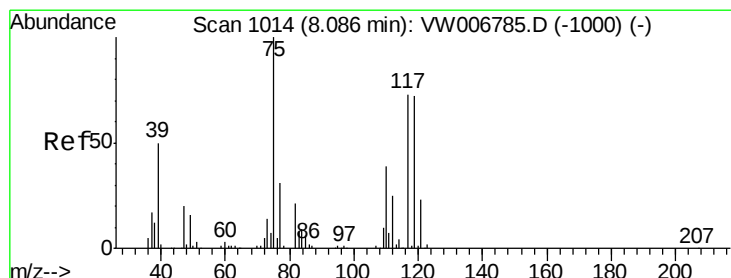
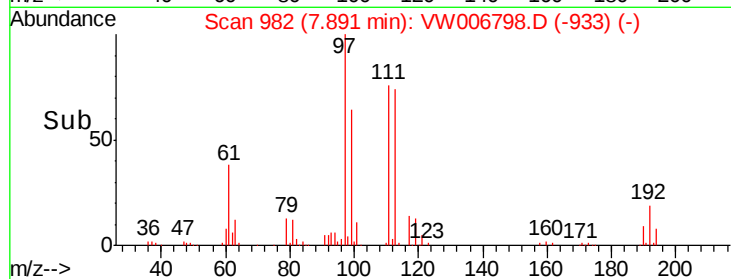
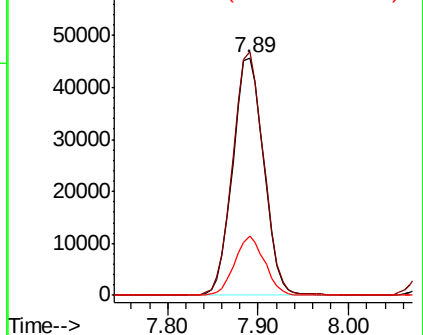


Abundance

Ion 112.80 (112.50 to 113.50): V

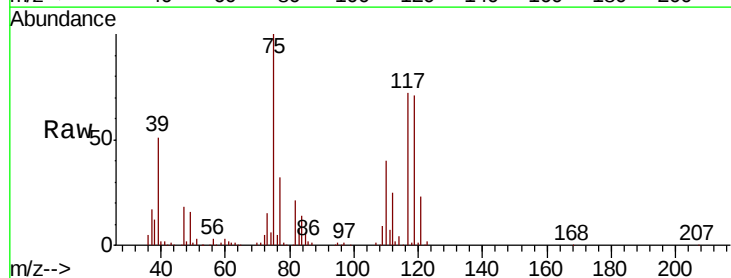
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.109 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.6	58.7
77	31.7	24.9	37.3

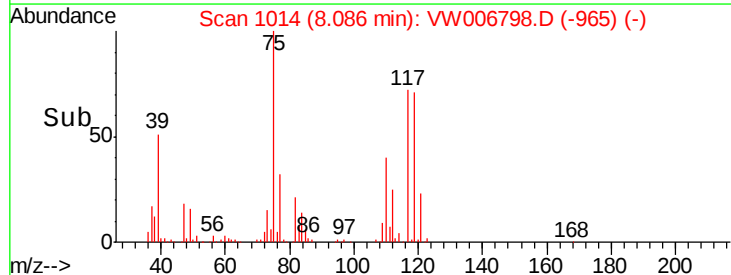
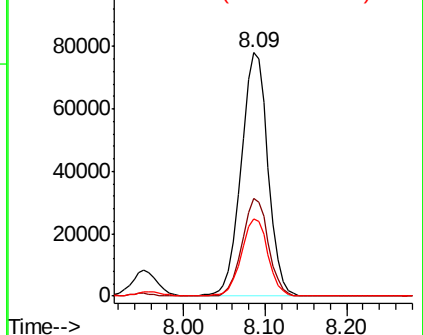


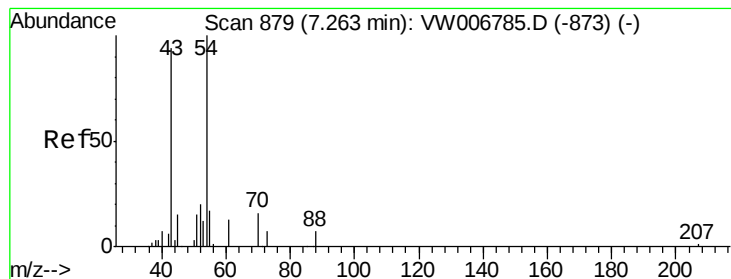
Abundance

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: 53.439 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

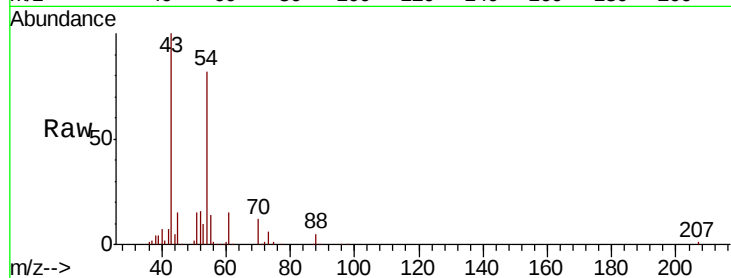
MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 43 Resp: 67259

Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	12.0	9.8	14.8

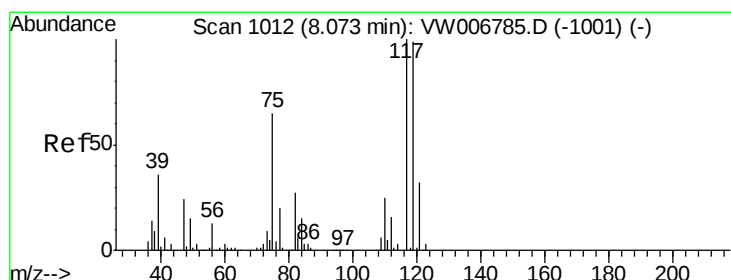
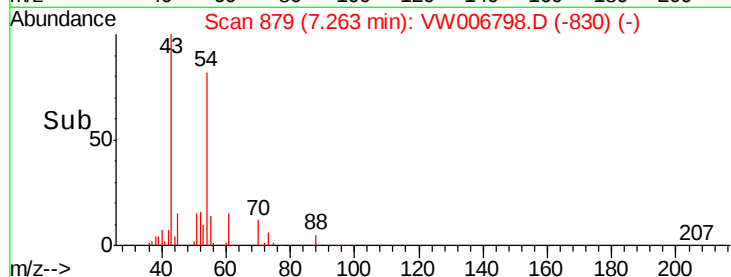
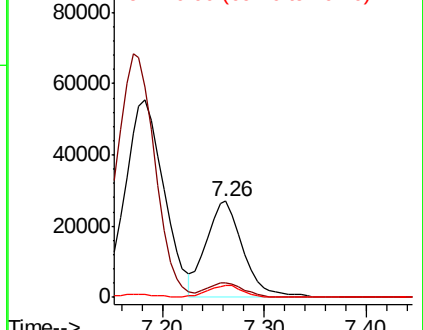


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 49.790 ug/l

RT: 8.07 min Scan# 1012

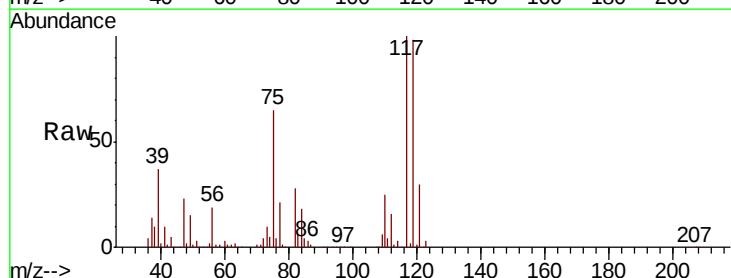
Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Tgt Ion: 117 Resp: 188539

Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.9	118.3
121	30.3	25.3	37.9

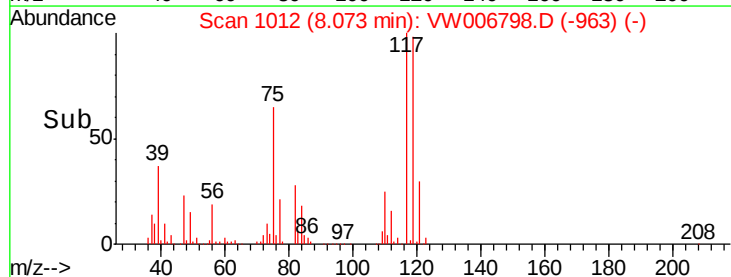
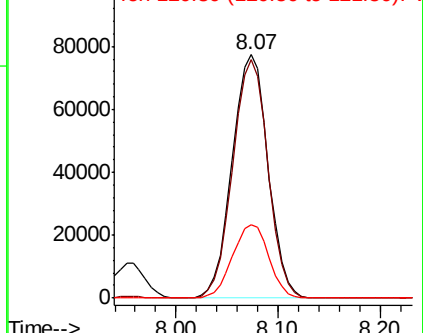


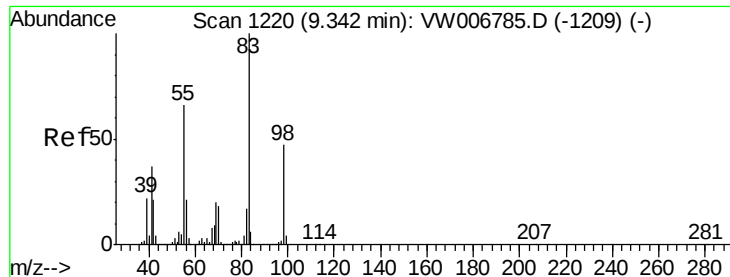
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

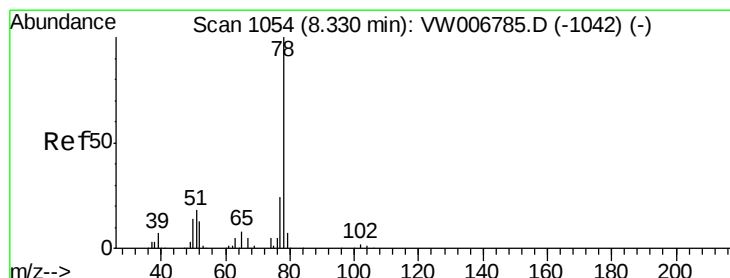
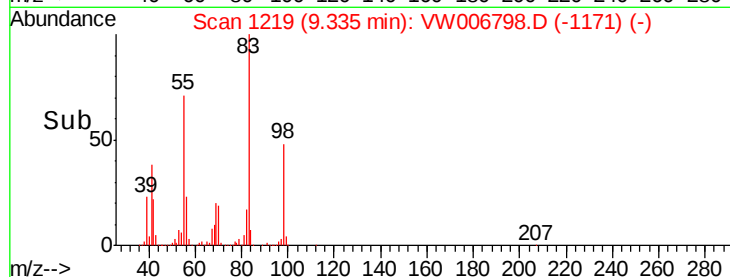
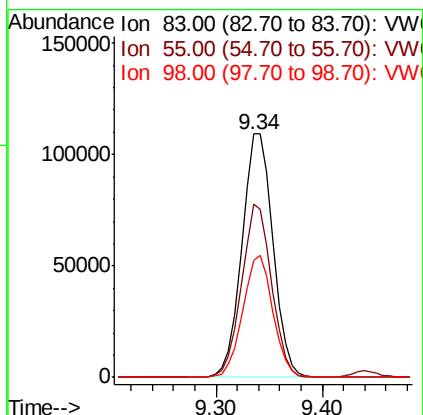
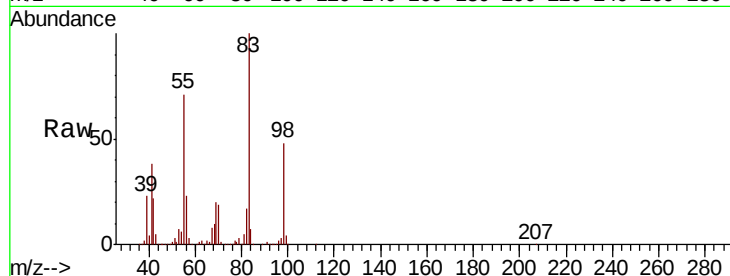




#39
Methvlcvclohexane
Concen: 49.769 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

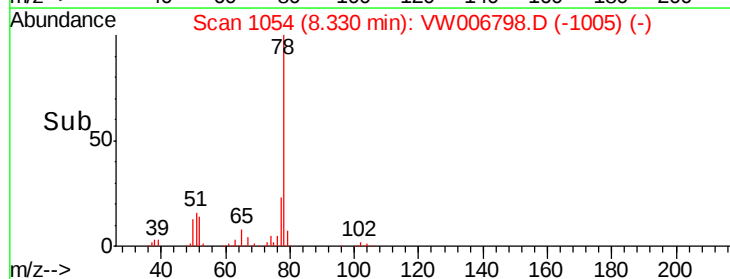
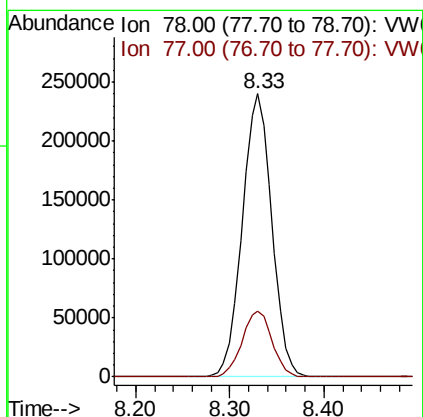
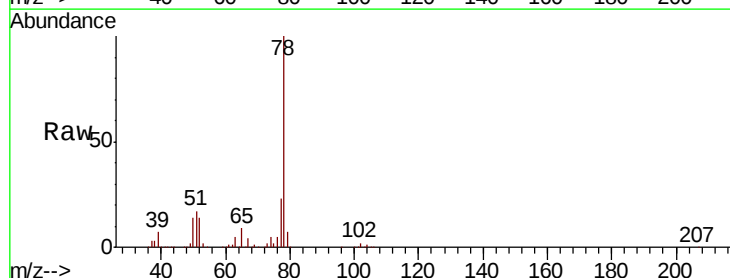
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

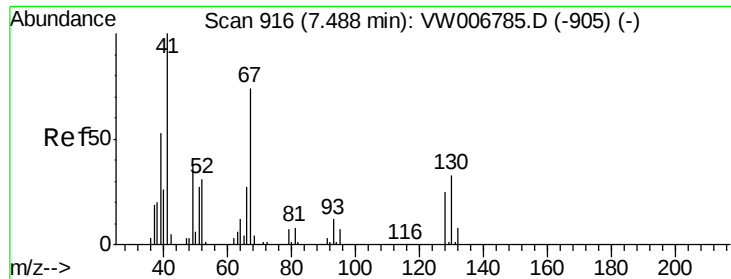
Tot Ion: 83 Resp: 224578
Ion Ratio Lower Upper
83 100
55 71.4 53.0 79.4
98 47.9 37.9 56.9



#40
Benzene
Concen: 52.473 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 78 Resp: 525142
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2





#41

Methacrylonitrile

Concen: 57.991 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 41 Resp: 42345

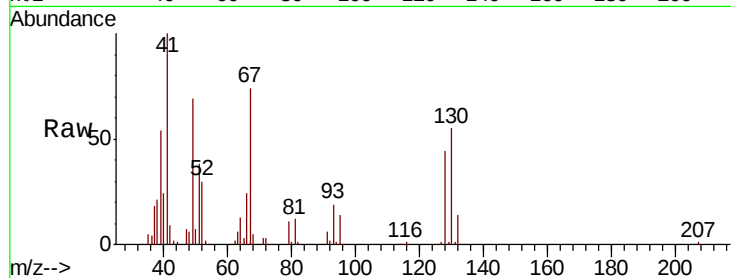
Ion Ratio Lower Upper

41 100

39 54.8 49.3 73.9

67 75.9 69.3 103.9

52 31.0 28.2 42.4

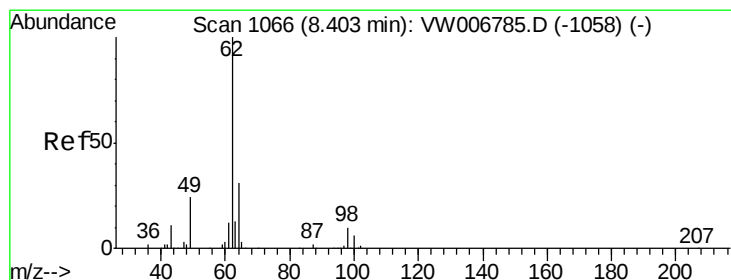
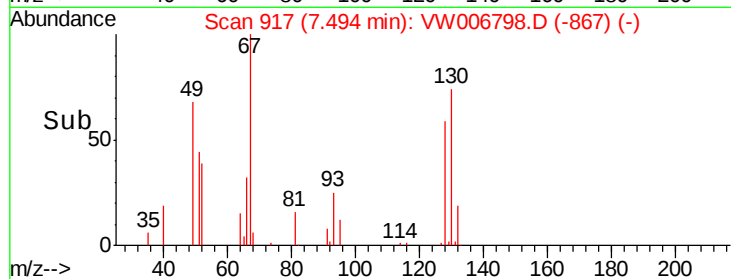
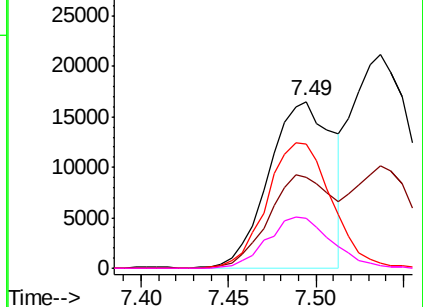


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.120 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006798.D

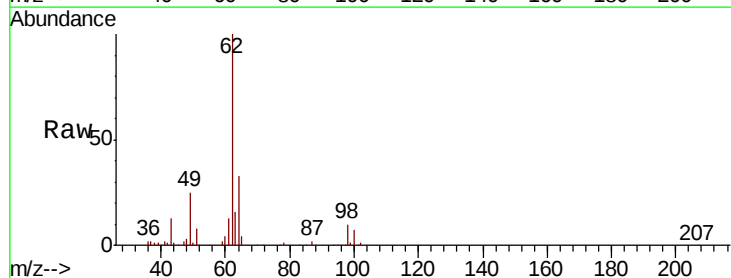
Acq: 09 Nov 2018 20:40

Tgt Ion: 62 Resp: 144705

Ion Ratio Lower Upper

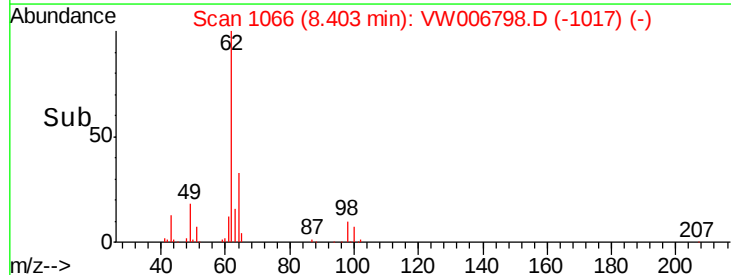
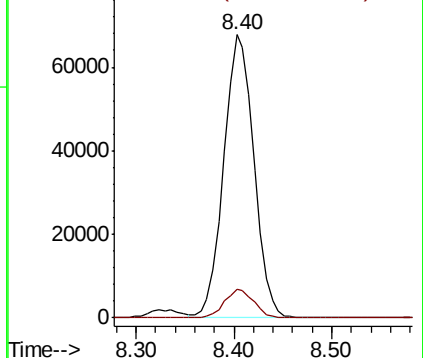
62 100

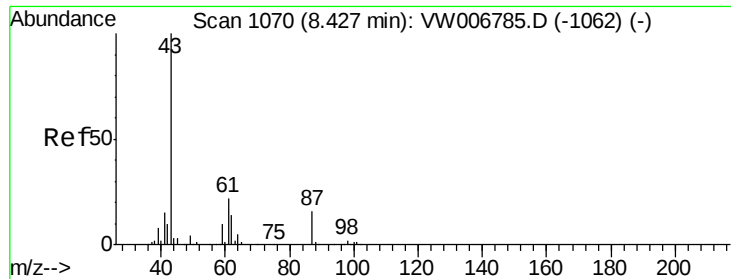
98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



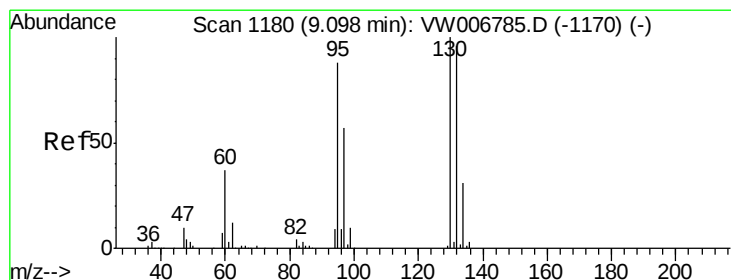
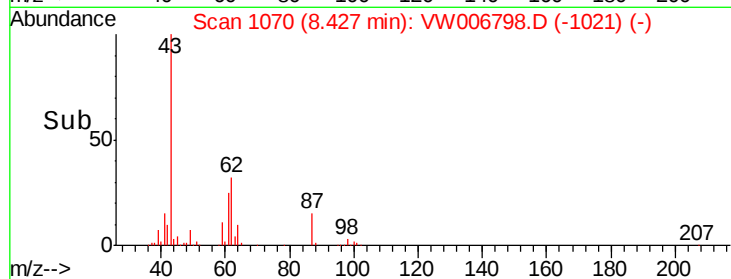
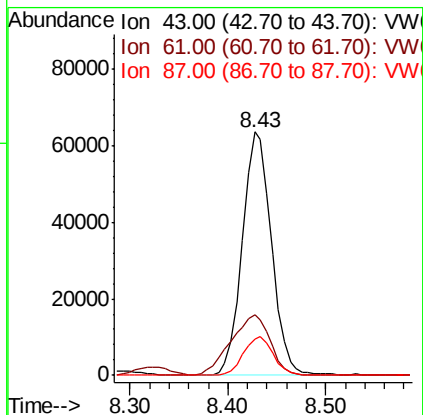
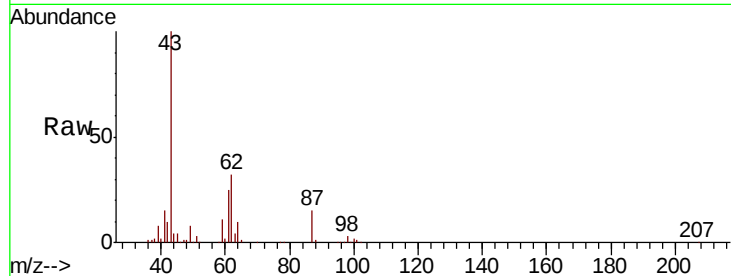


#43

Isopropyl Acetate
 Concen: 55.761 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

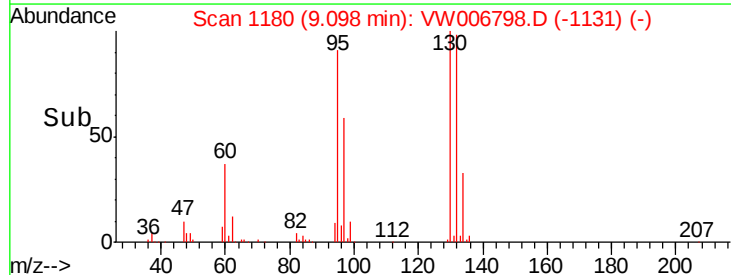
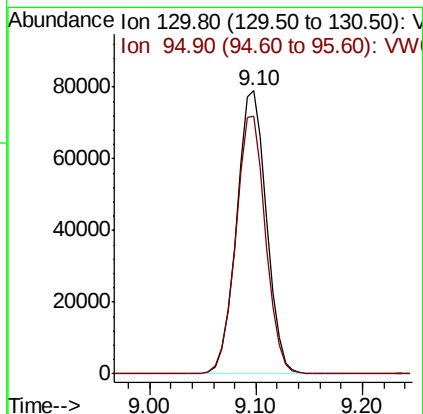
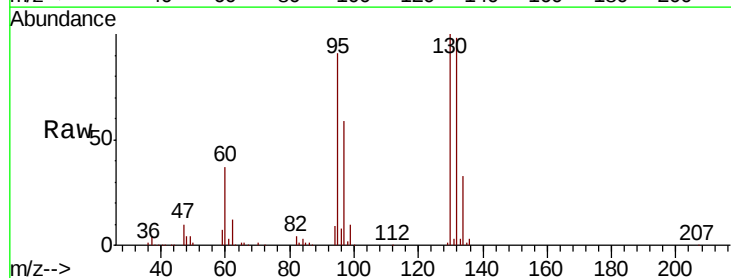
Tot Ion: 43 Resp: 131568
 Ion Ratio Lower Upper
 43 100
 61 33.3 26.5 39.7
 87 16.1 12.8 19.2

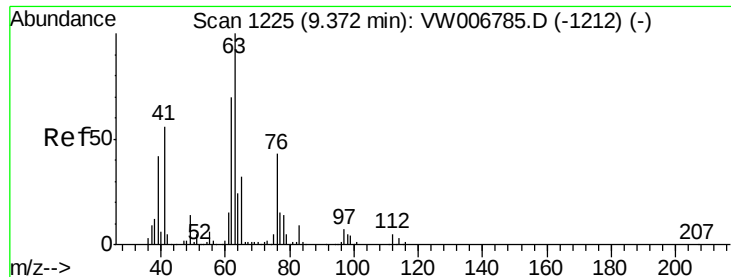


#44

Trichloroethene
 Concen: 50.531 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 130 Resp: 155485
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 175.0





#45

1,2-Dichloropropane

Concen: 52.775 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

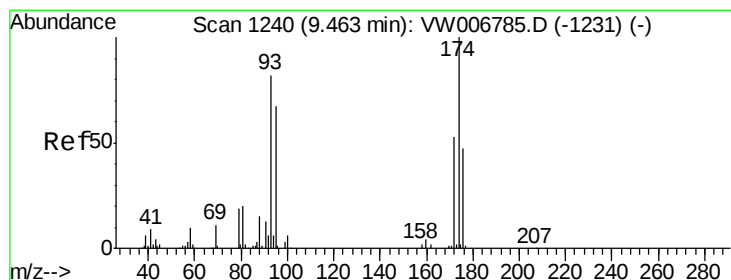
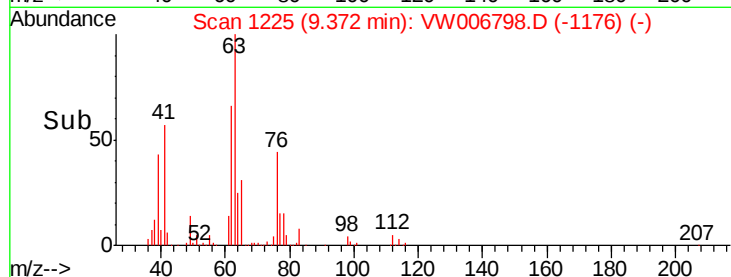
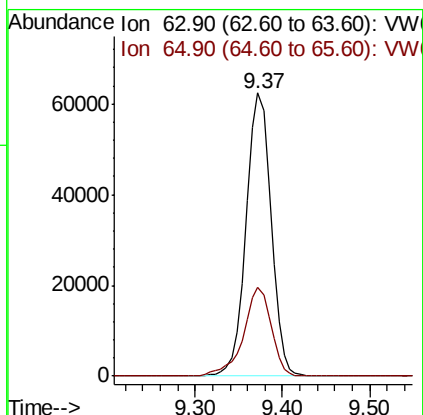
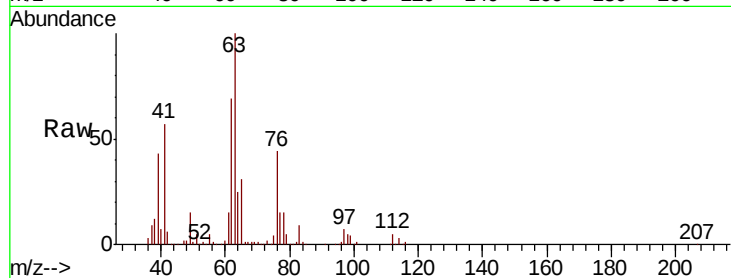
EP2-SB-104(15-17)

Tot Ion: 63 Resp: 124044

Ion Ratio Lower Upper

63 100

65 31.5 25.5 38.3



#46

Dibromomethane

Concen: 54.268 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

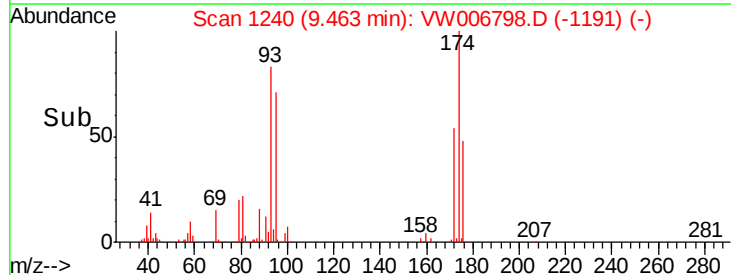
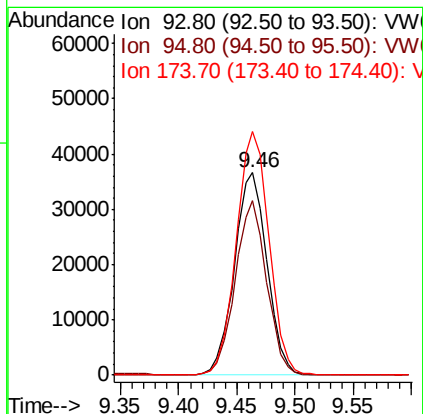
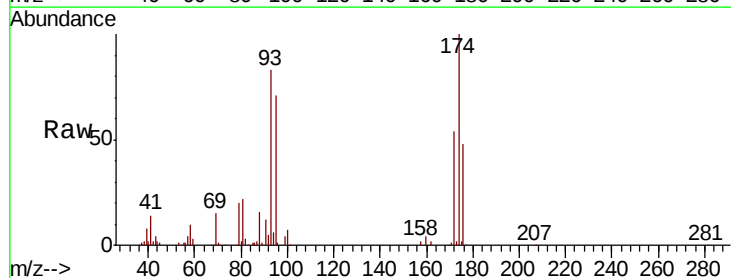
Tgt Ion: 93 Resp: 71613

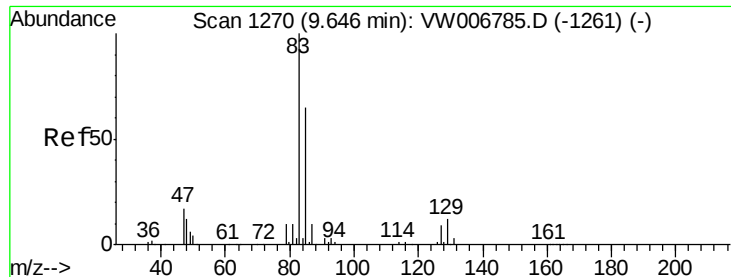
Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.0

174 120.7 96.4 144.6





#47

Bromodichloromethane

Concen: 52.642 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

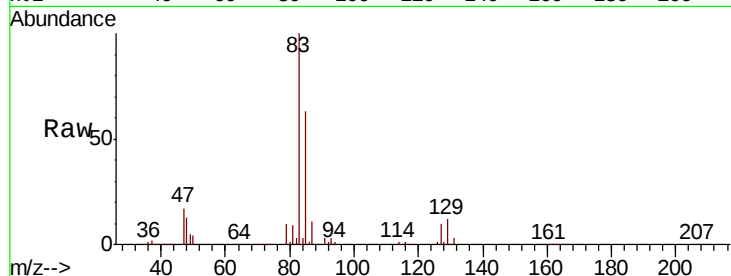
Tot Ion: 83 Resp: 168568

Ion Ratio Lower Upper

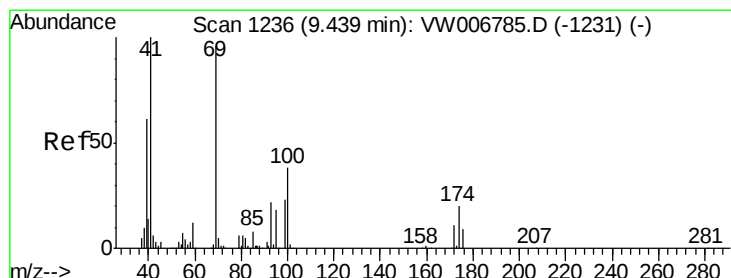
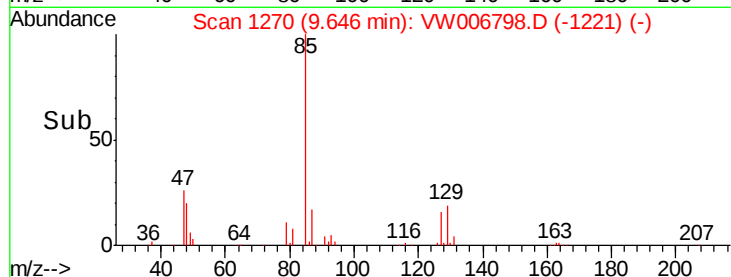
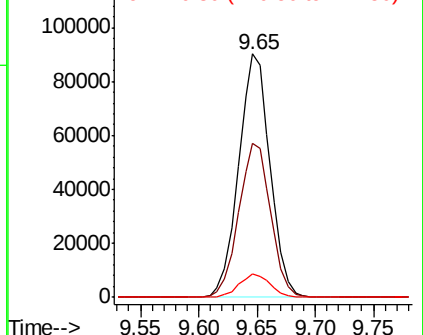
83 100

85 63.3 51.6 77.4

127 9.8 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: 60.563 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

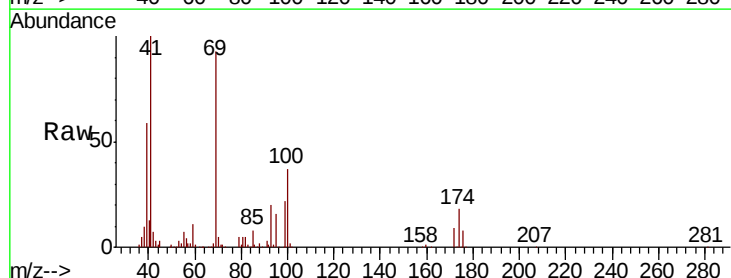
Tgt Ion: 41 Resp: 67300

Ion Ratio Lower Upper

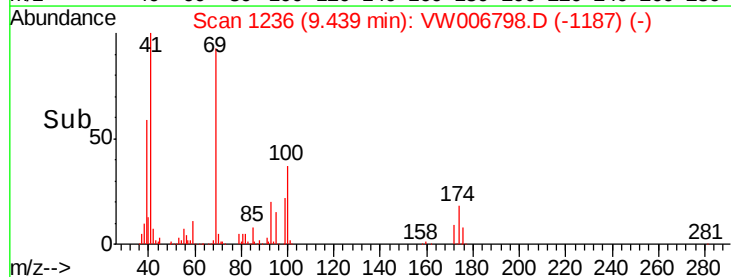
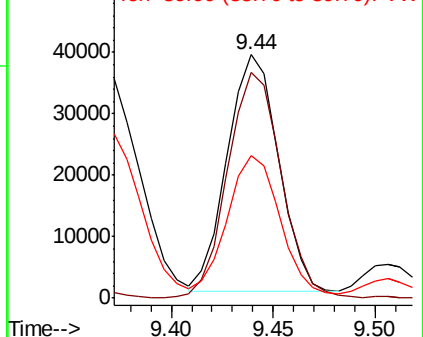
41 100

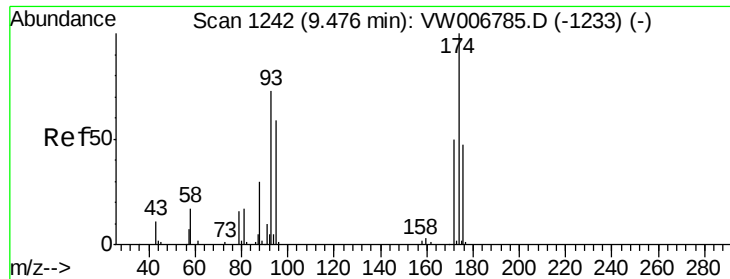
69 99.9 81.5 122.3

39 59.1 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: 1130.334 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

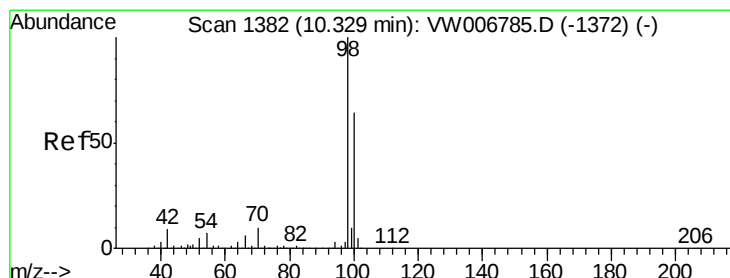
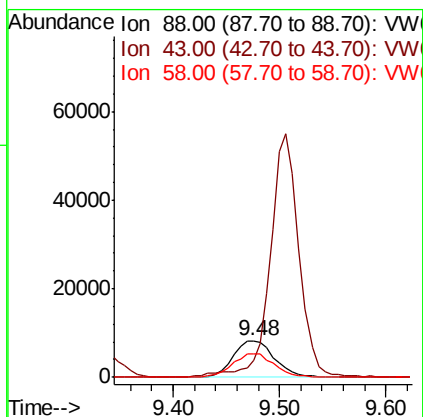
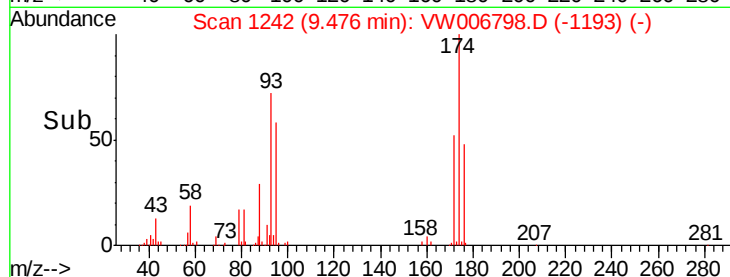
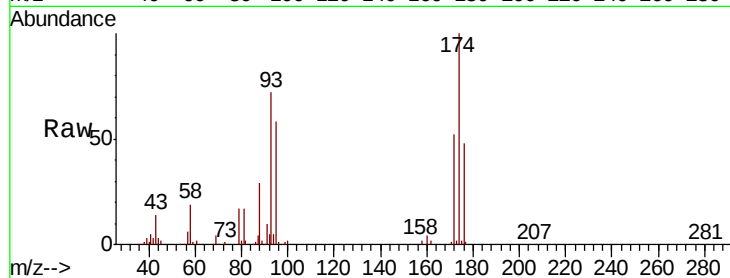
Tot Ion: 88 Resp: 22331

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.5 53.7 80.5



#50

Toluene-d8

Concen: 49.353 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006798.D

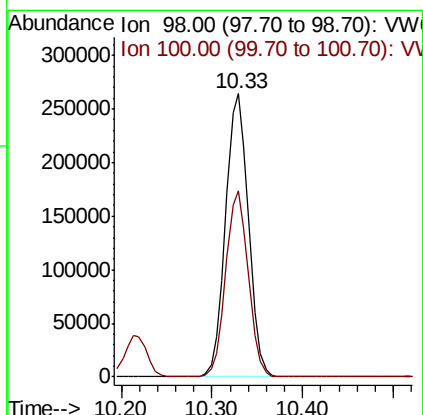
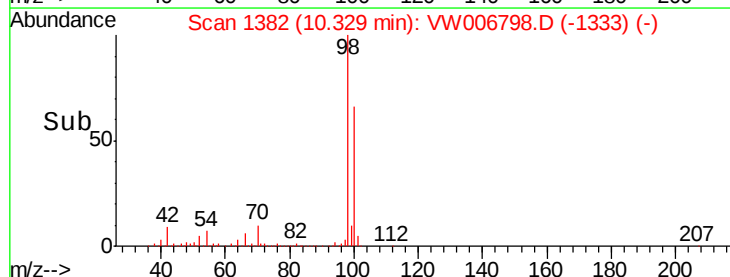
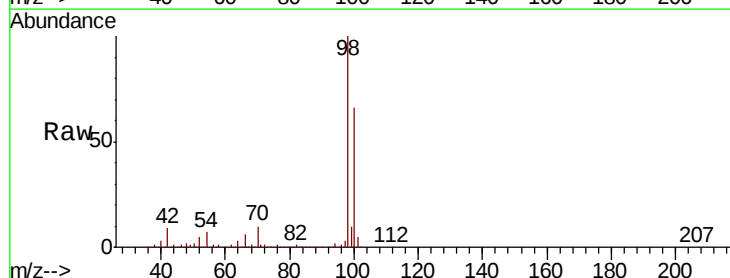
Acq: 09 Nov 2018 20:40

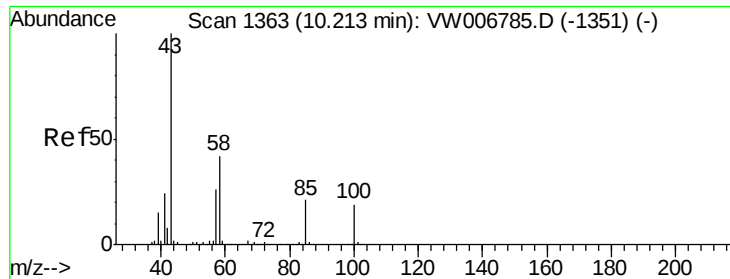
Tgt Ion: 98 Resp: 461749

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

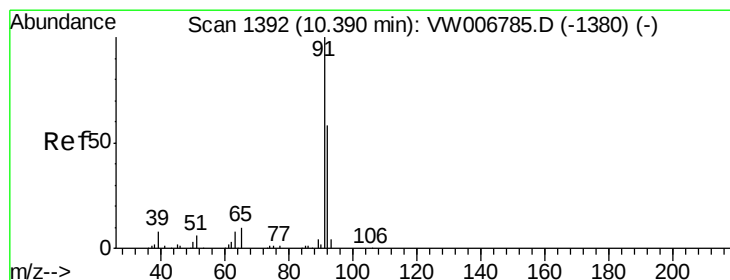
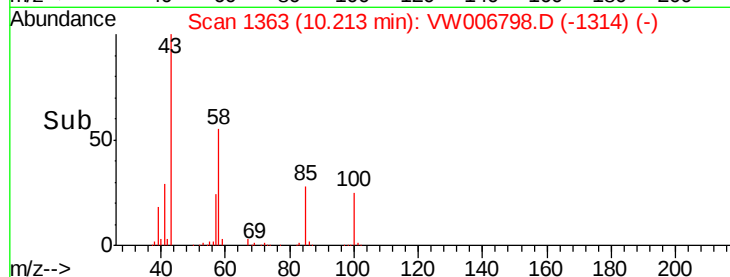
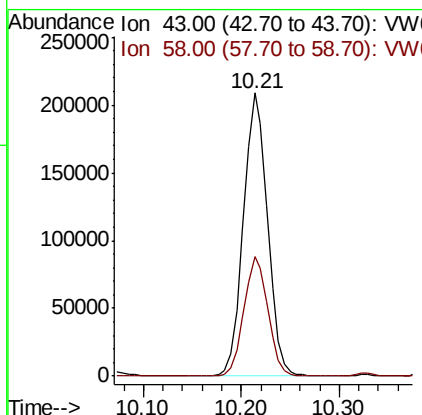
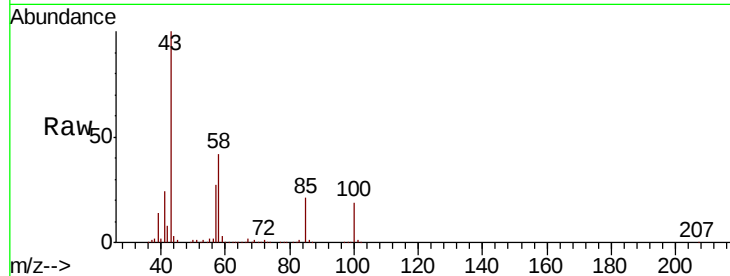




#51
 4-Methyl-2-Pentanone
 Concen: 294.361 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

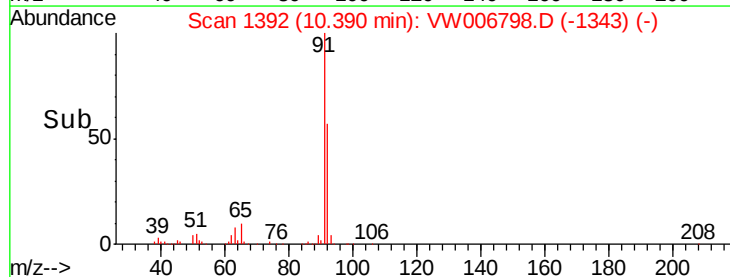
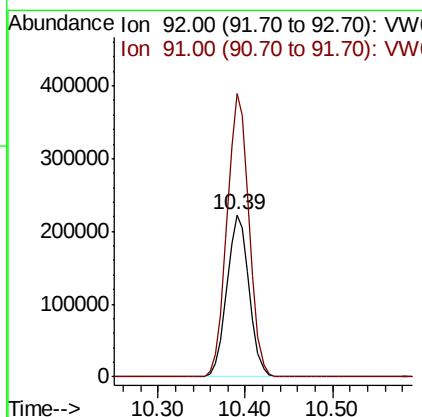
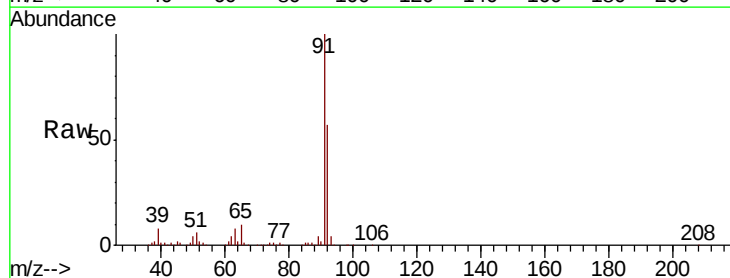
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

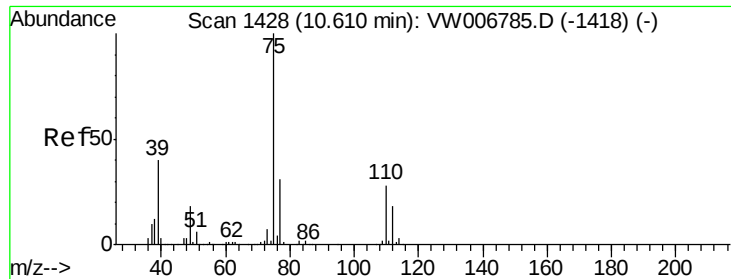
Tot Ion: 43 Resp: 356834
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 55.502 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 92 Resp: 390519
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 55.836 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

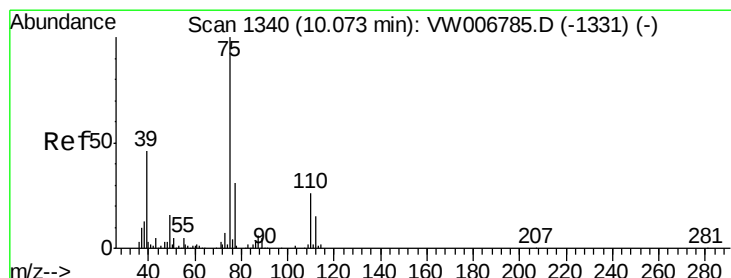
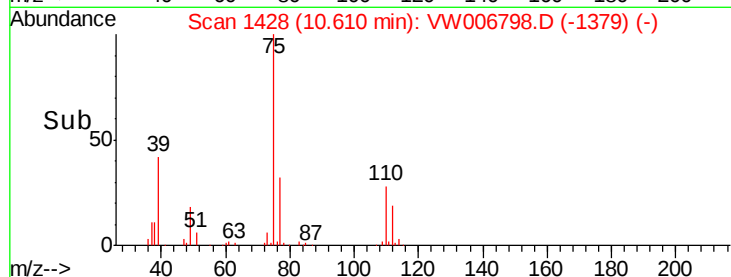
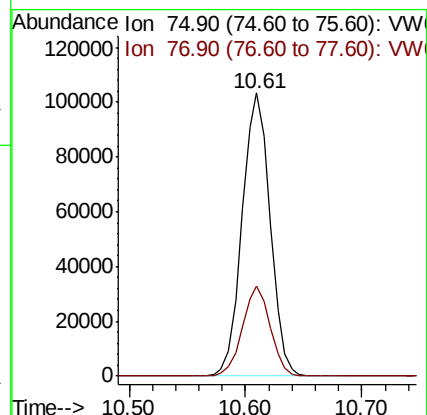
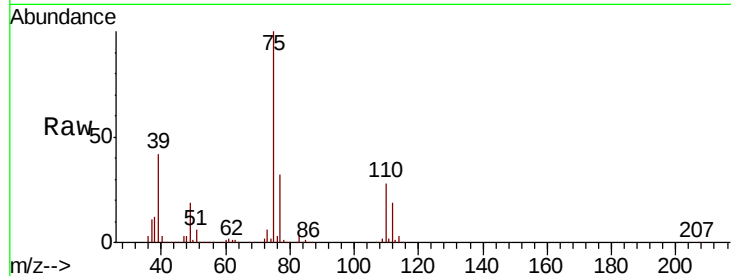
EP2-SB-104(15-17)

Tot Ion: 75 Resp: 173371

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.339 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

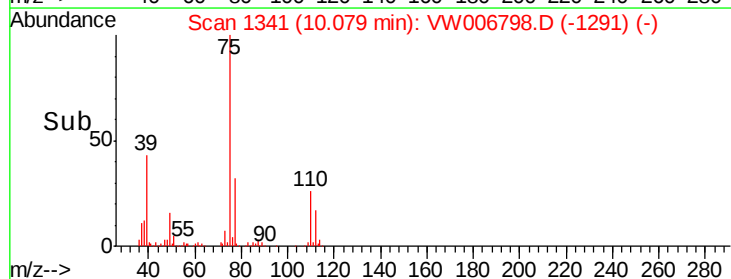
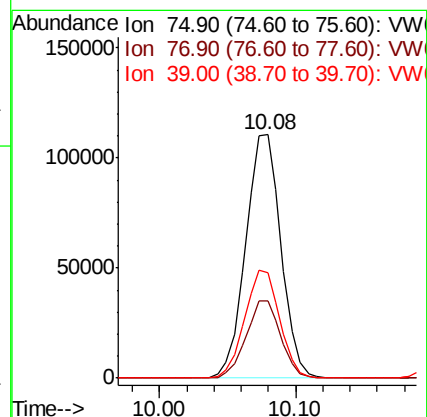
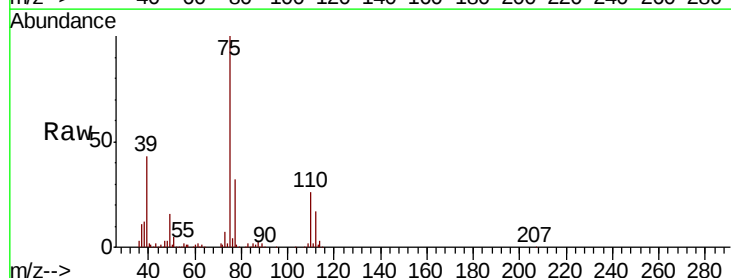
Tgt Ion: 75 Resp: 200041

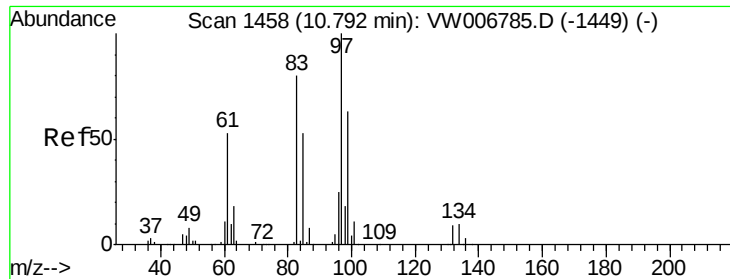
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 43.4 37.1 55.7

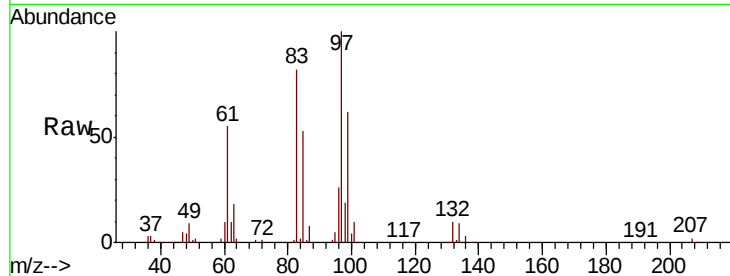




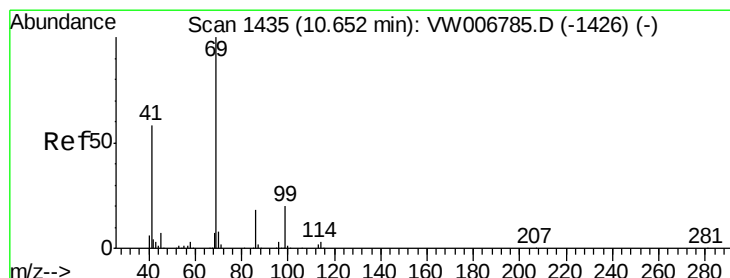
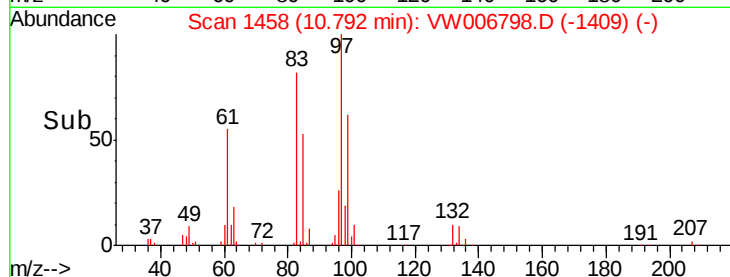
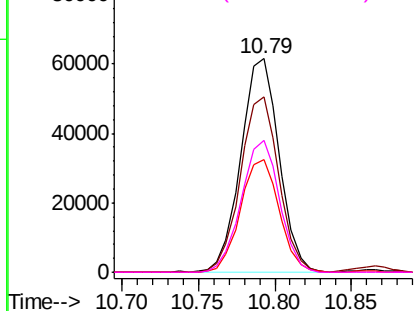
#55
 1,1,2-Trichloroethane
 Concen: 55.164 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

Tot Ion:	97	Resp:	107240
Ion	Ratio	Lower	Upper
97	100		
83	81.9	64.4	96.6
85	52.6	42.6	63.8
99	61.9	50.2	75.2

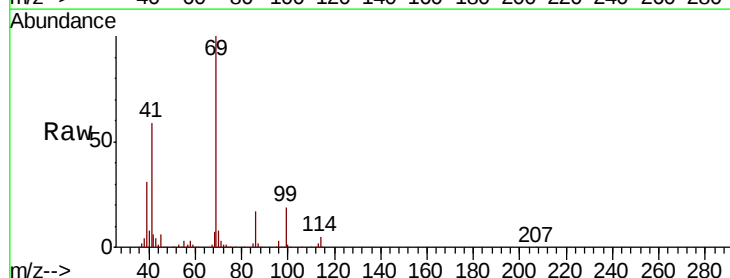


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

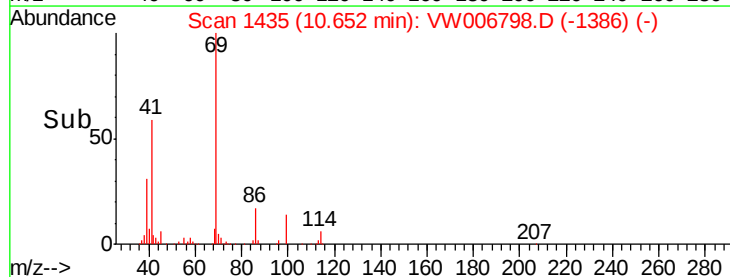
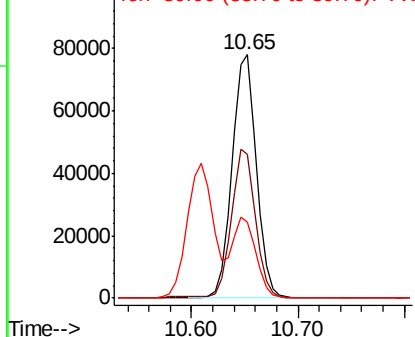


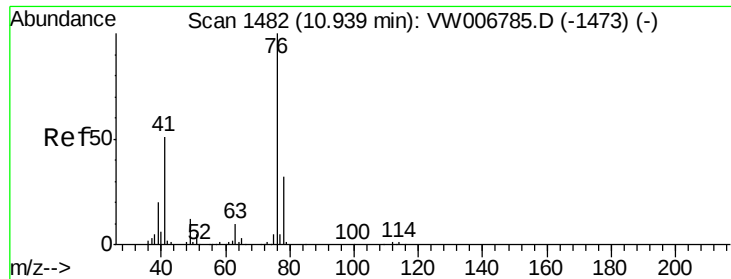
#56
 Ethyl methacrylate
 Concen: 58.225 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion:	69	Resp:	124993
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.2	70.8
39	33.5	23.4	35.0



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

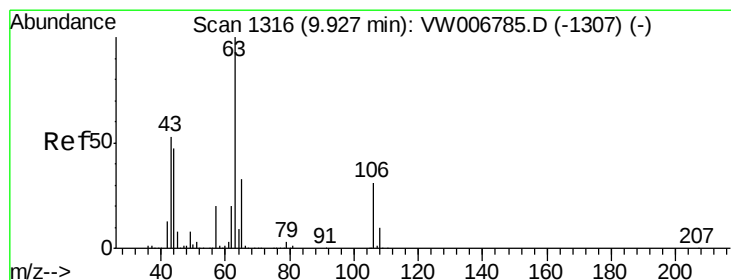
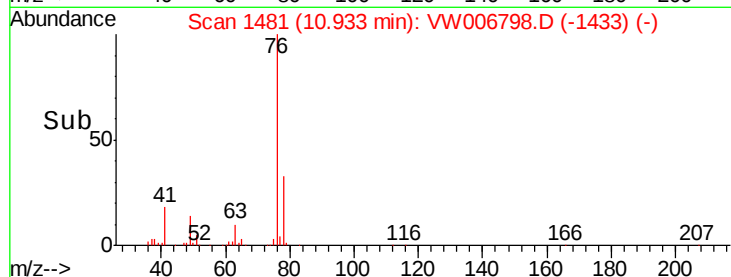
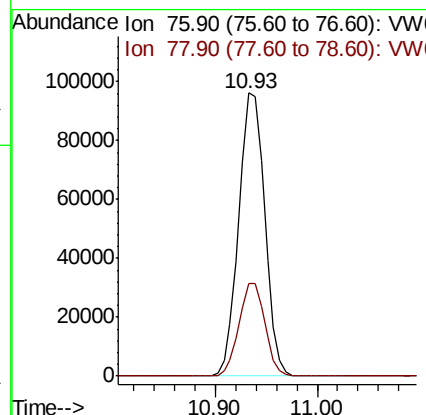
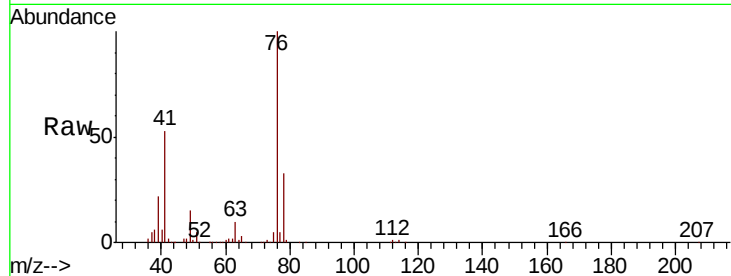




#57
 1,3-Dichloropropane
 Concen: 54.544 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

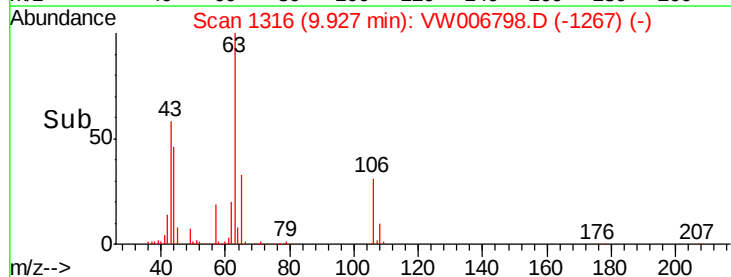
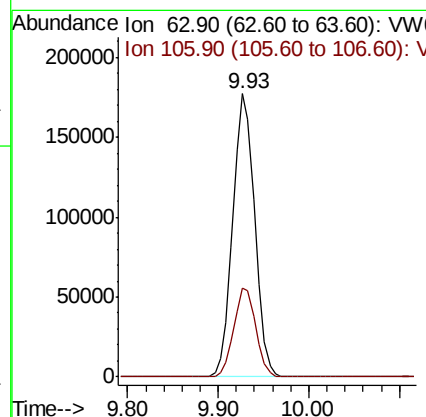
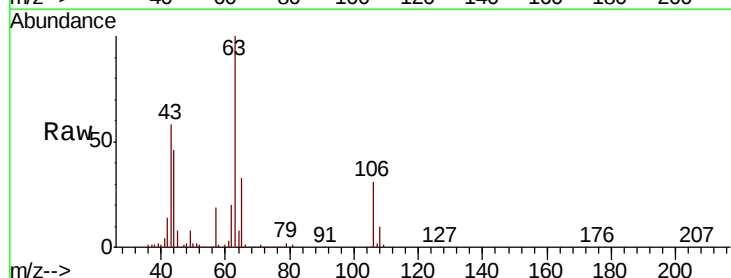
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

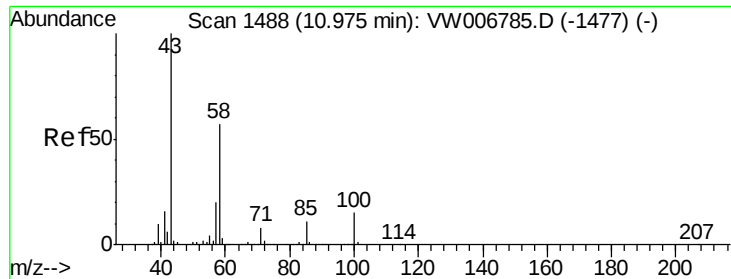
Tot Ion: 76 Resp: 169507
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.282 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 63 Resp: 297508
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.3 37.9

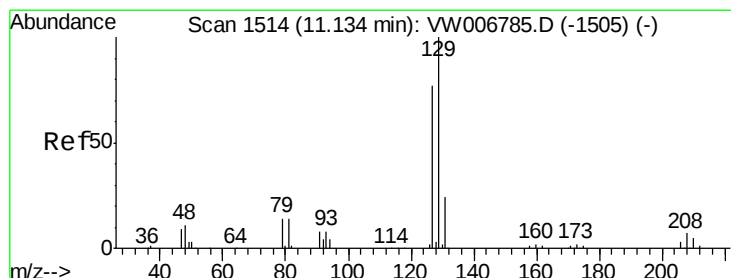
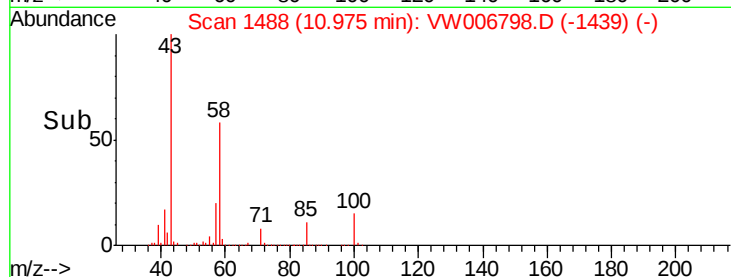
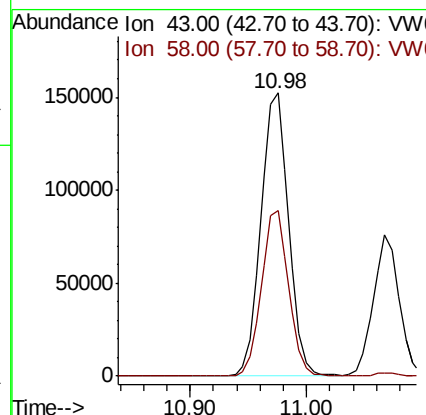
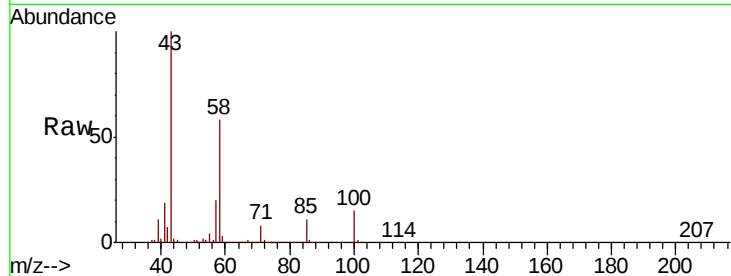




#59
2-Hexanone
Concen: 307.661 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

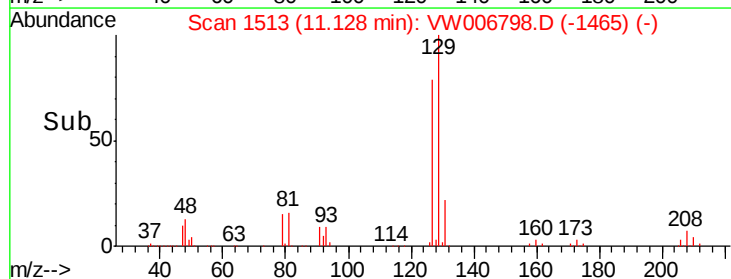
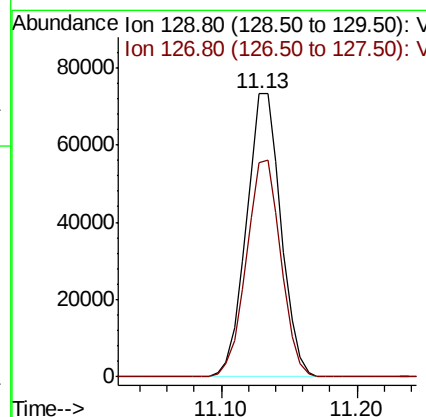
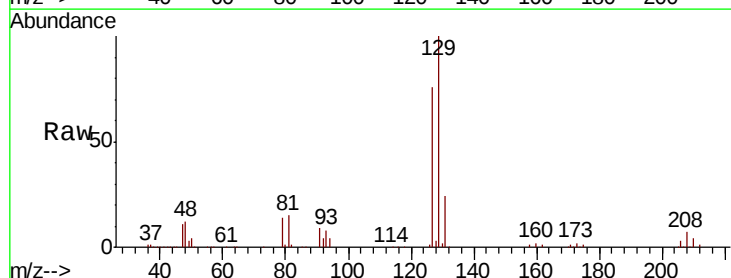
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

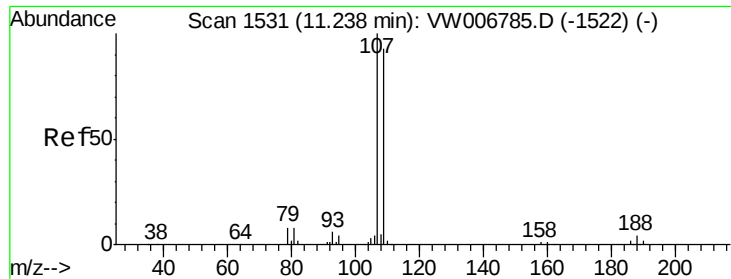
Tot Ion: 43 Resp: 252756
Ion Ratio Lower Upper
43 100
58 57.3 28.5 85.5



#60
Dibromochloromethane
Concen: 55.662 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 129 Resp: 130070
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

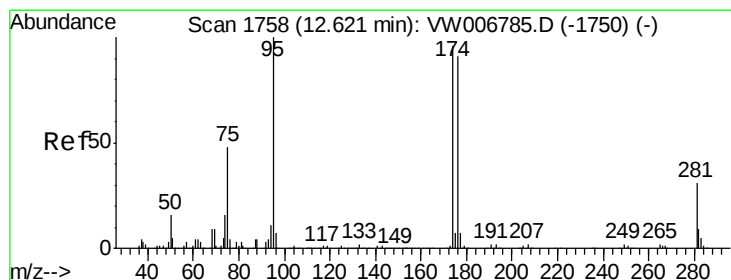
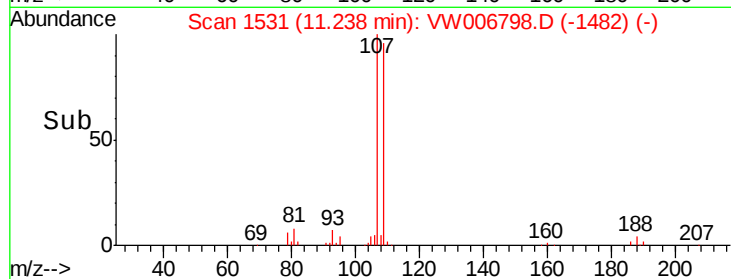
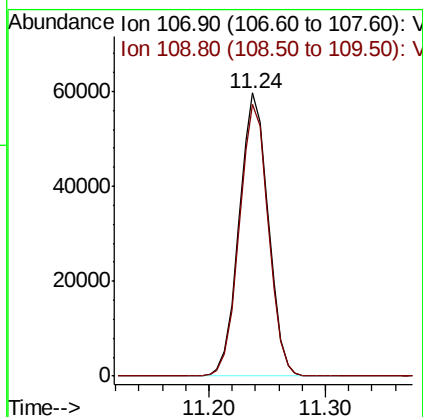
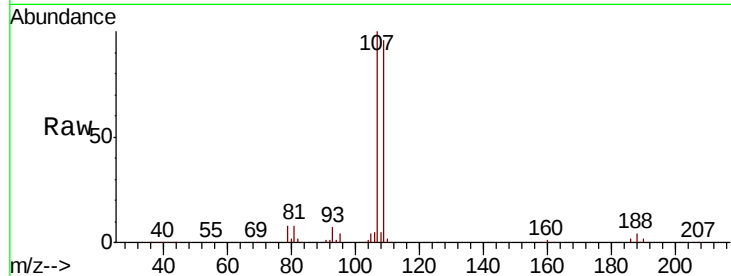




#61
 1,2-Dibromoethane
 Concen: 55.617 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

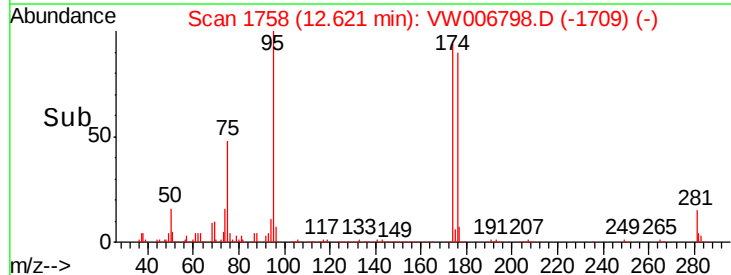
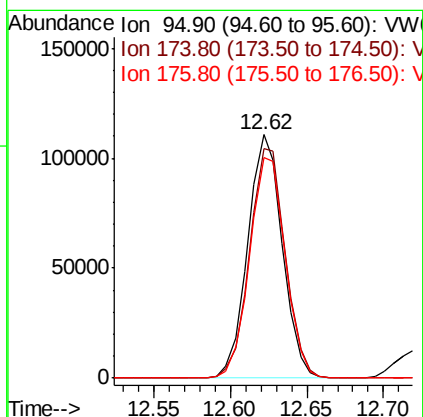
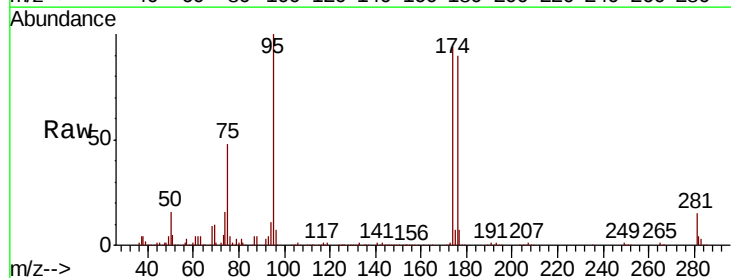
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

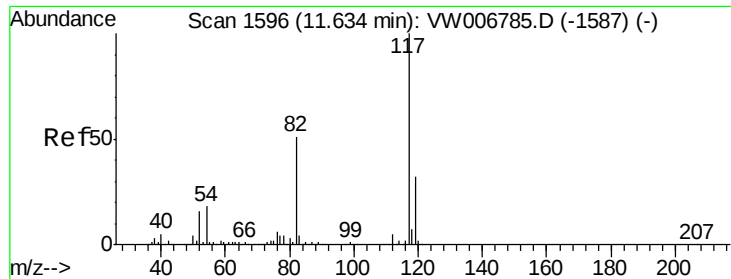
Tot Ion: 107 Resp: 104022
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.082 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion: 95 Resp: 174061
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 196.2
 176 93.6 0.0 190.8

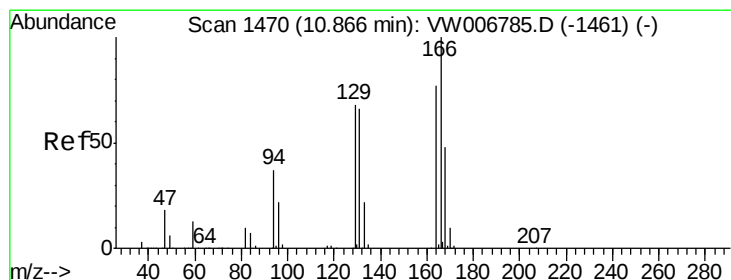
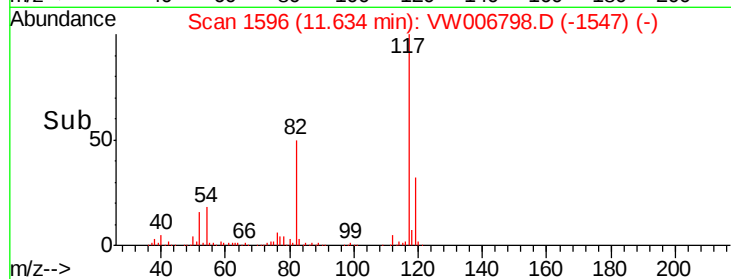
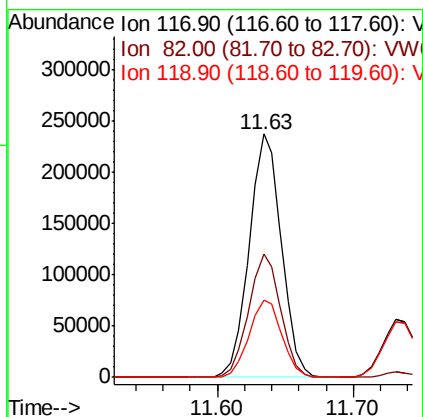
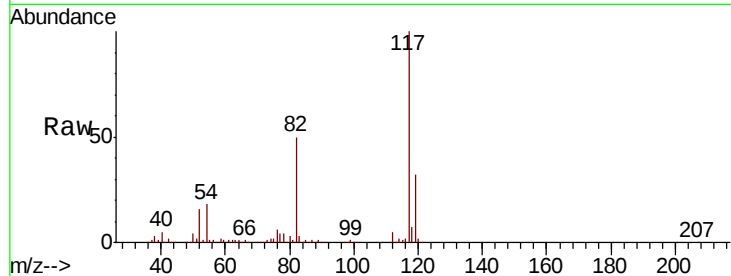




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

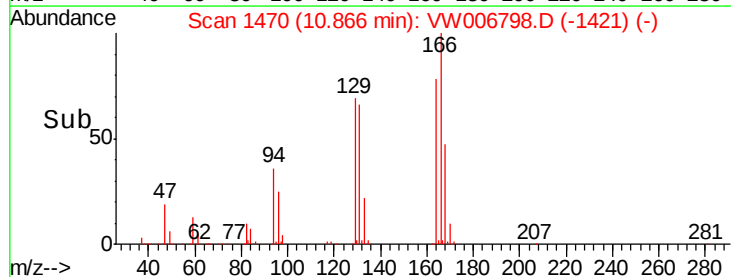
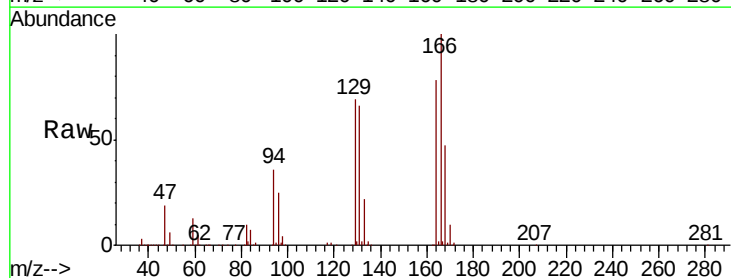
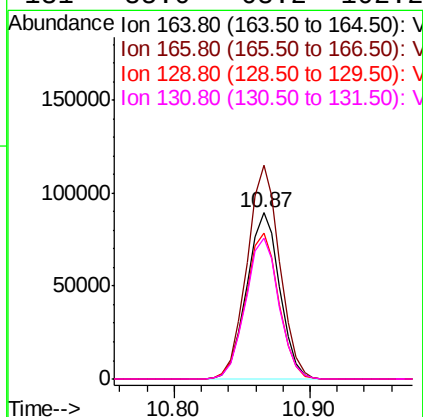
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

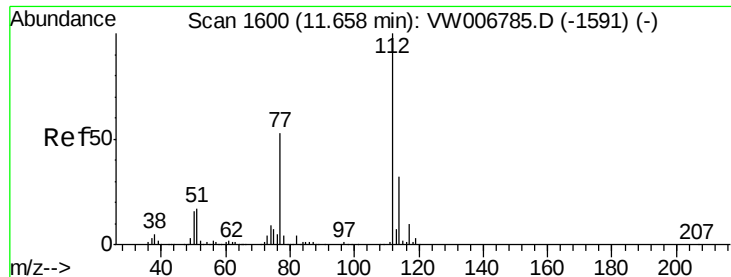
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.9	61.3
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 50.504 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.7	155.5
129	88.0	70.4	105.6
131	85.0	68.2	102.2

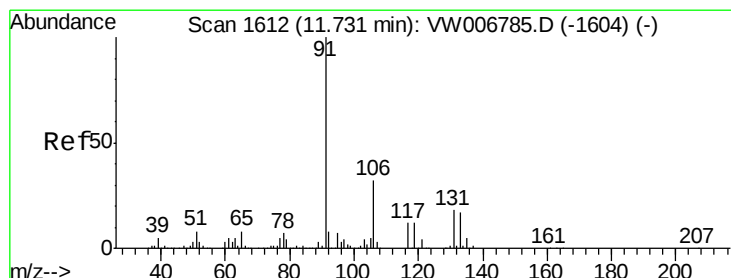
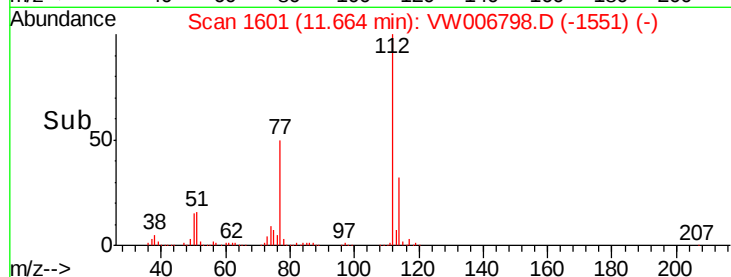
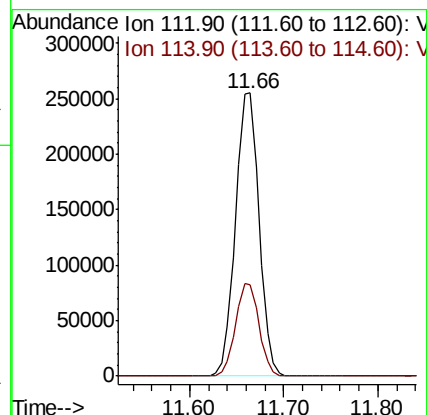
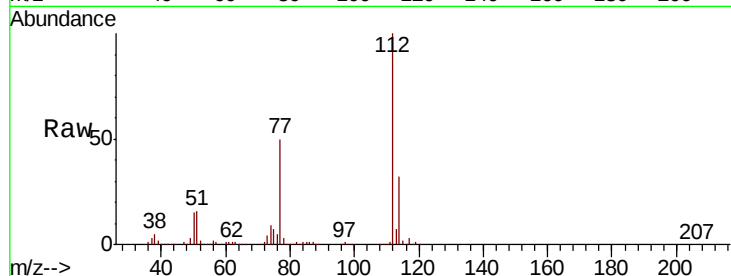




#65
Chlorobenzene
Concen: 52.758 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

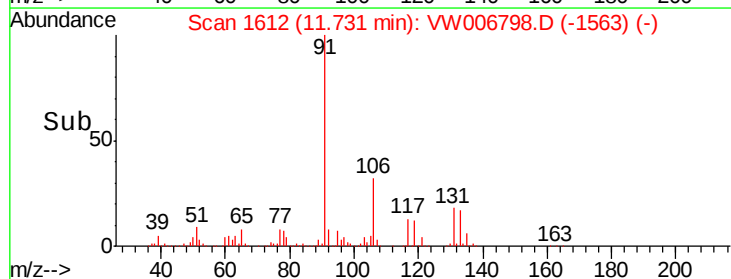
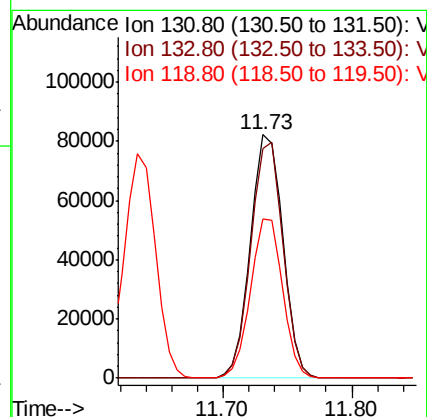
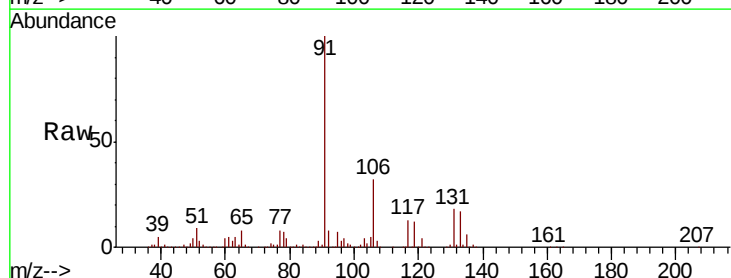
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

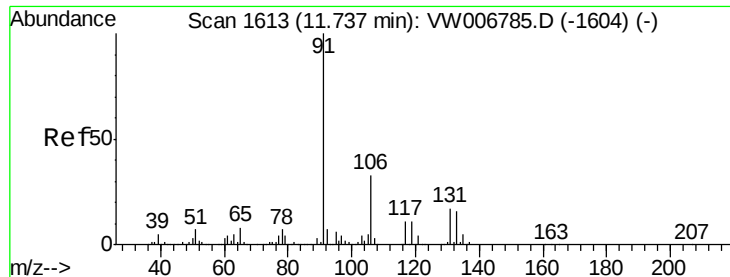
Tot Ion:112 Resp: 442388
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.302 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion:131 Resp: 143178
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 64.6 32.3 96.8

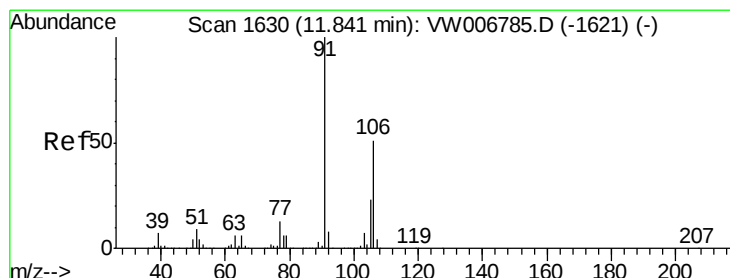
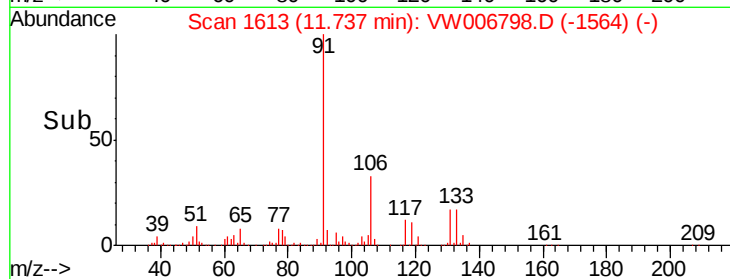
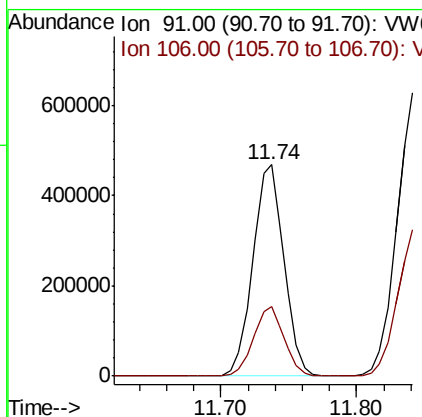
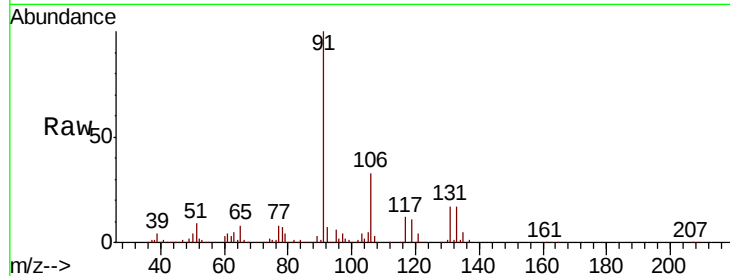




#67
Ethyl Benzene
Concen: 53.186 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

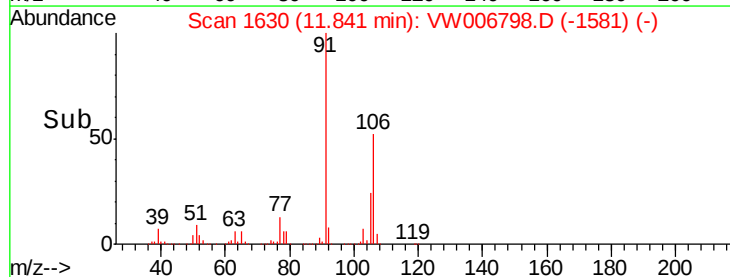
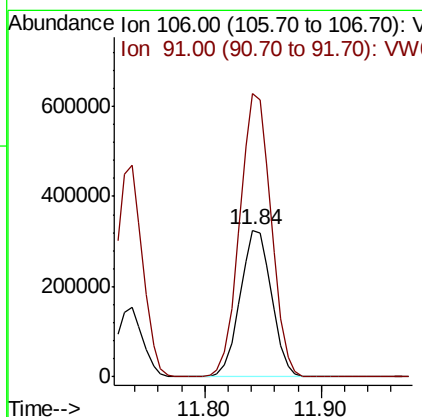
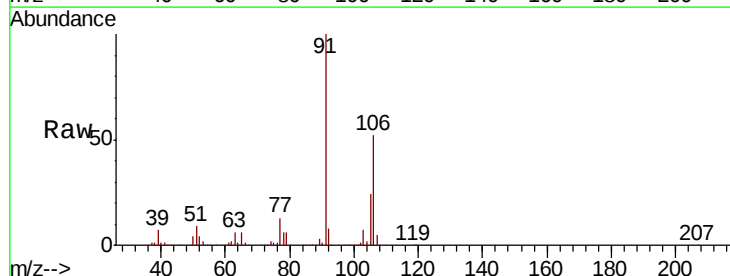
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

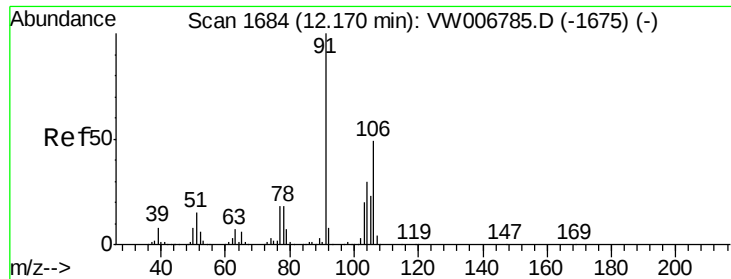
Tot Ion: 91 Resp: 750258
Ion Ratio Lower Upper
91 100
106 32.7 26.3 39.5



#68
m/p-Xylenes
Concen: 106.169 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 106 Resp: 610872
Ion Ratio Lower Upper
106 100
91 193.9 155.3 232.9

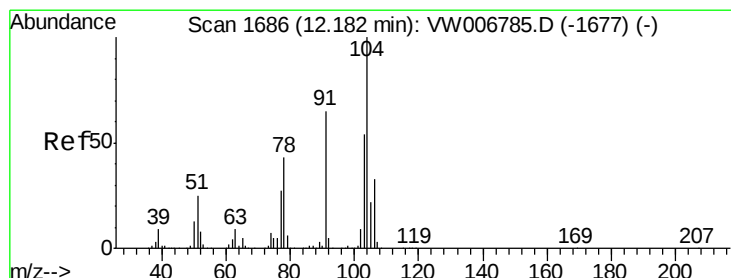
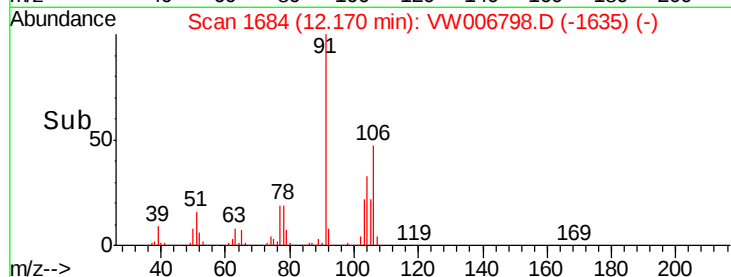
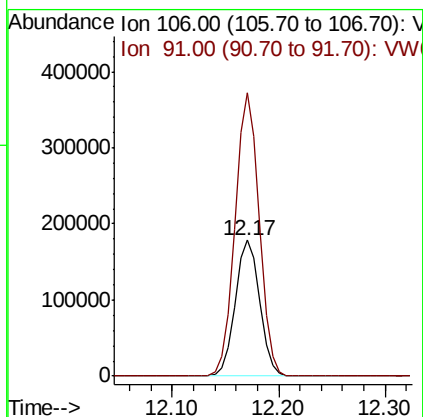
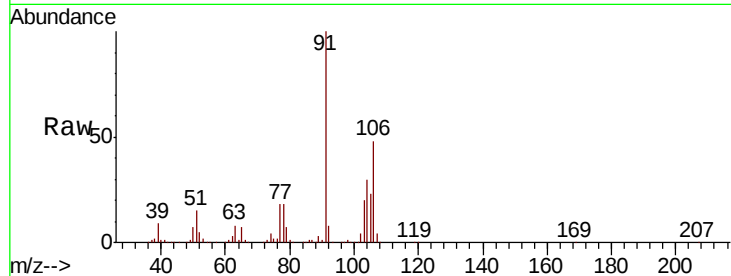




#69
o-Xylene
Concen: 54.322 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

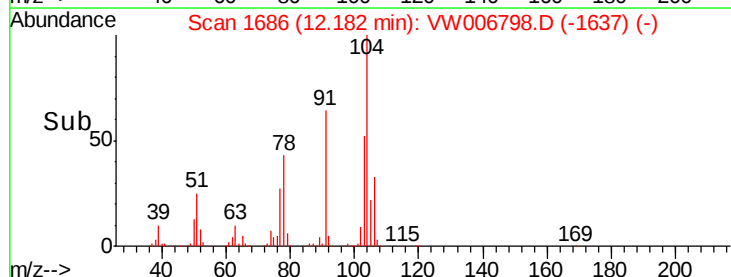
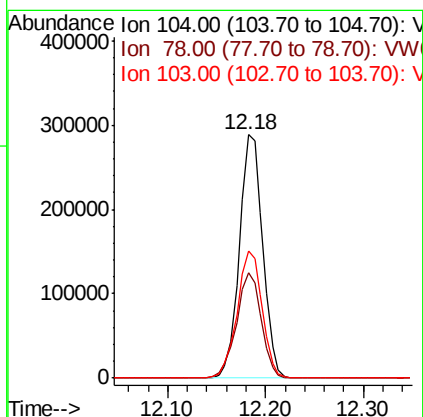
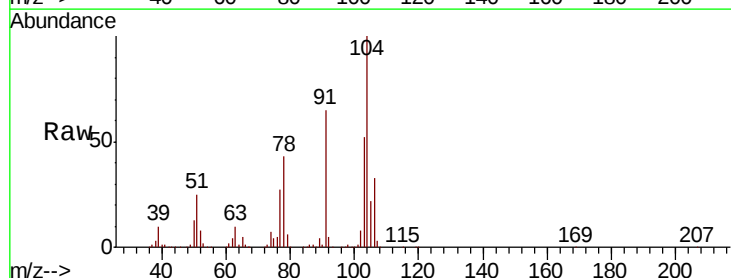
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

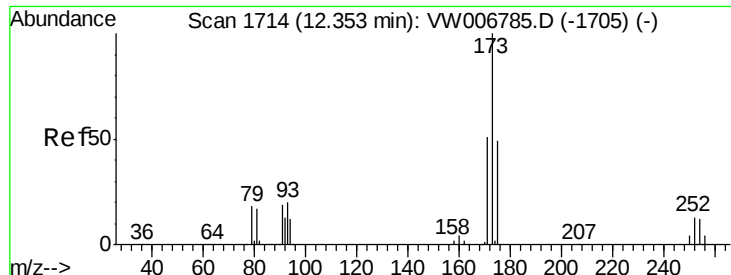
Tot Ion:106 Resp: 287749
Ion Ratio Lower Upper
106 100
91 205.8 103.0 308.9



#70
Styrene
Concen: 55.337 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion:104 Resp: 476451
Ion Ratio Lower Upper
104 100
78 46.3 37.1 55.7
103 55.8 44.4 66.6





#71

Bromoform

Concen: 56.292 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

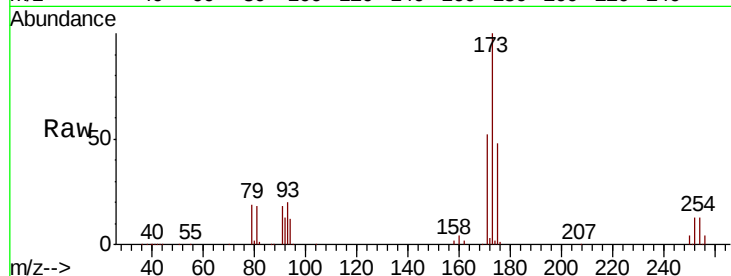
Tot Ion:173 Resp: 83760

Ion Ratio Lower Upper

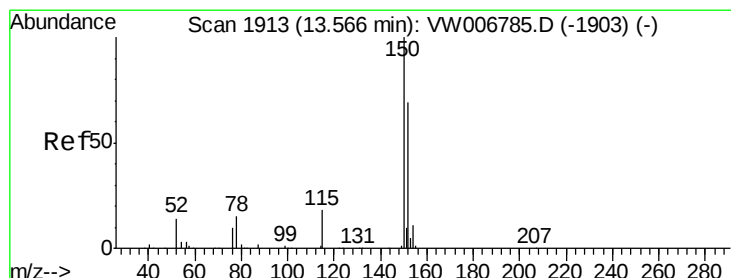
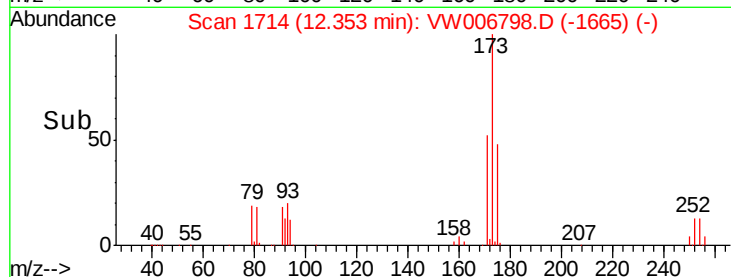
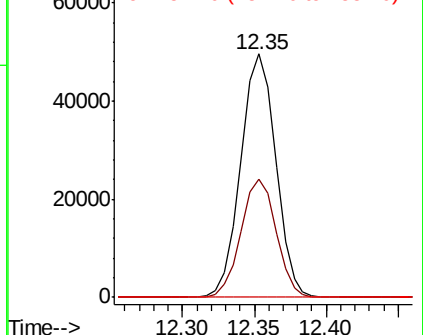
173 100

175 48.8 24.3 72.8

254 0.1 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: VW006798.D

Acq: 09 Nov 2018 20:40

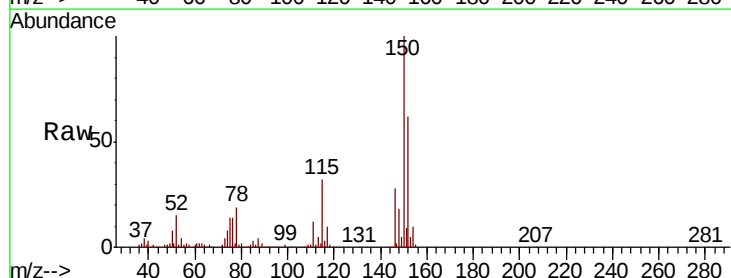
Tgt Ion:152 Resp: 226093

Ion Ratio Lower Upper

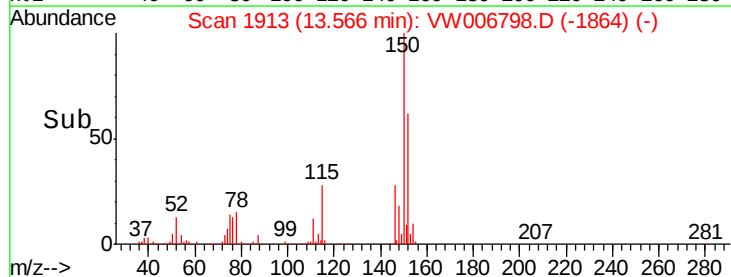
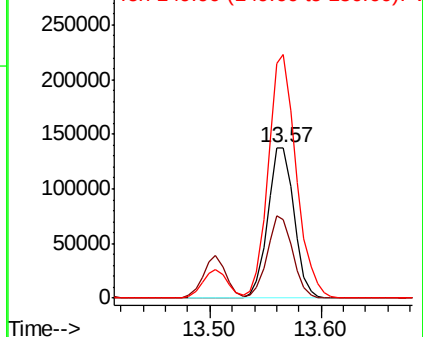
152 100

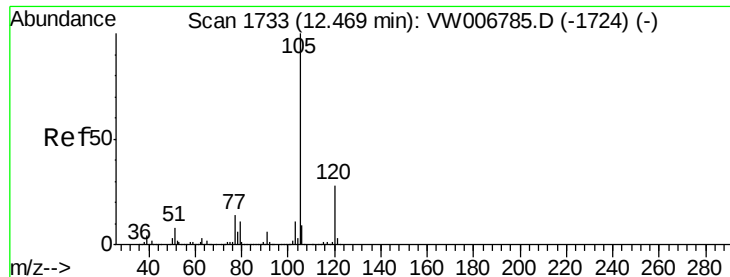
115 52.9 26.7 80.0

150 172.6 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: 52.961 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

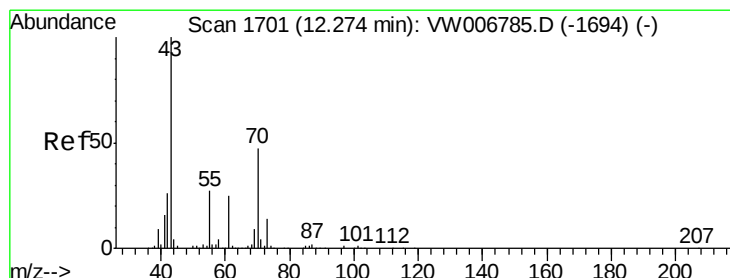
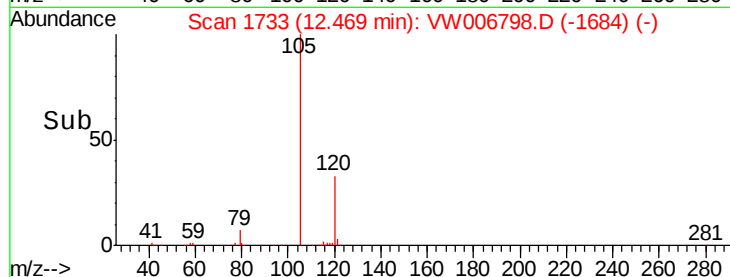
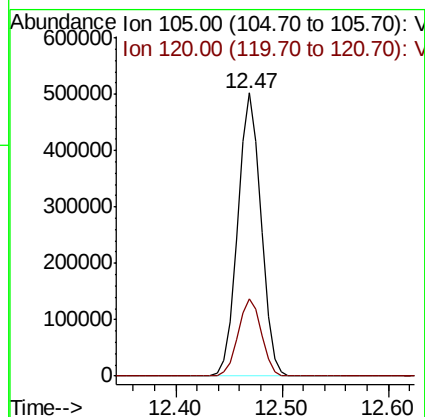
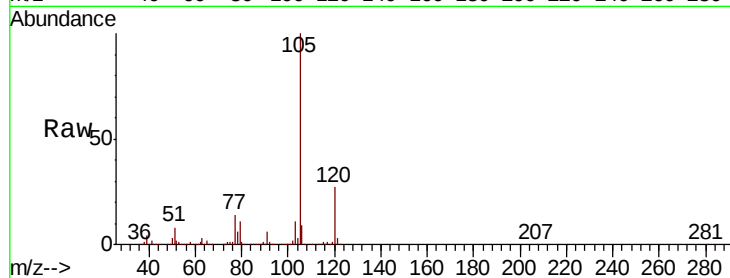
EP2-SB-104(15-17)

Tot Ion:105 Resp: 770414

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.6



#74

N-ethyl acetate

Concen: 55.691 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Tgt Ion: 43 Resp: 132050

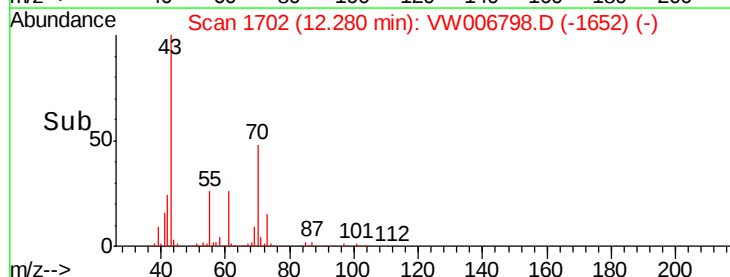
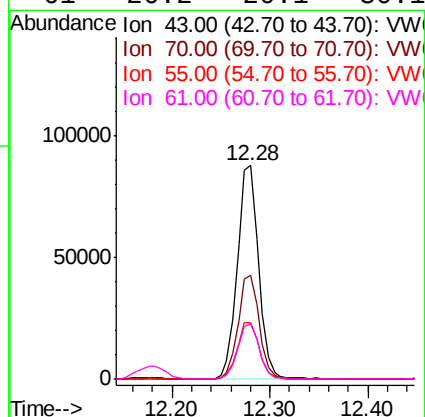
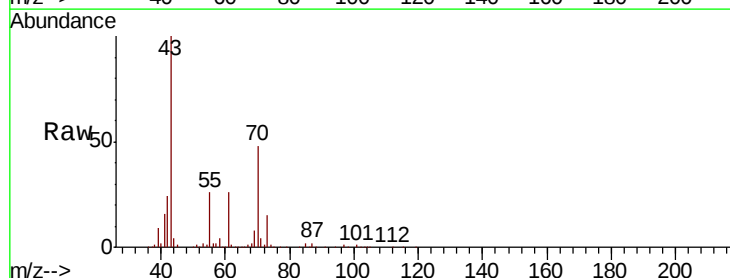
Ion Ratio Lower Upper

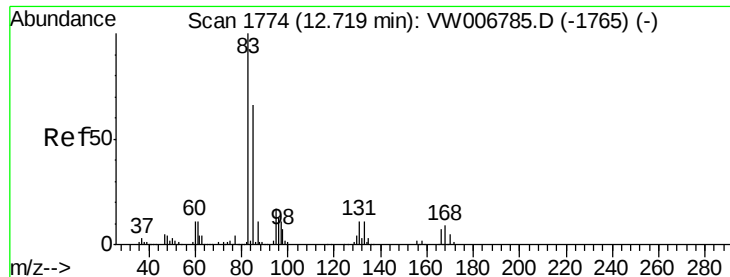
43 100

70 48.2 38.3 57.5

55 27.2 22.3 33.5

61 26.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.498 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

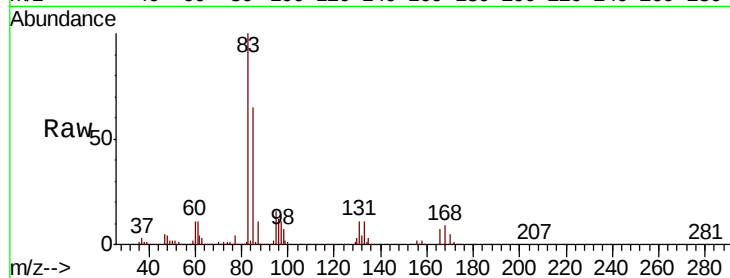
Tot Ion: 83 Resp: 122444

Ion Ratio Lower Upper

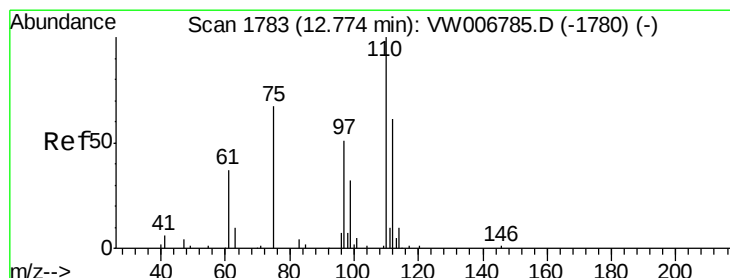
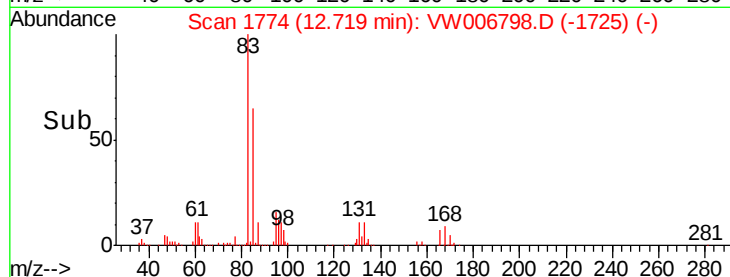
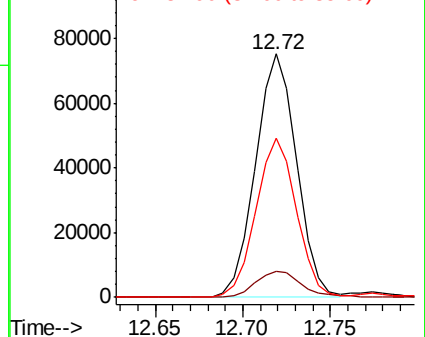
83 100

131 12.0 6.0 18.0

85 64.5 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: 95.896 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006798.D

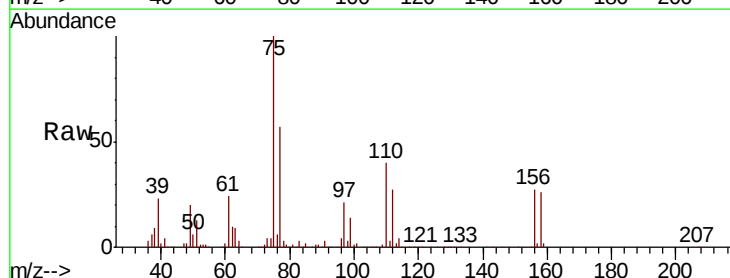
Acq: 09 Nov 2018 20:40

Tgt Ion: 75 Resp: 158113

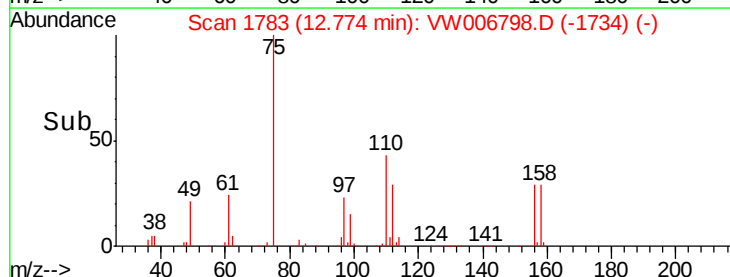
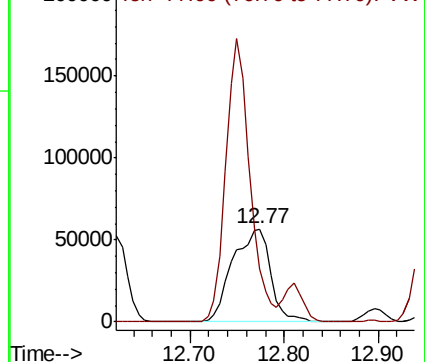
Ion Ratio Lower Upper

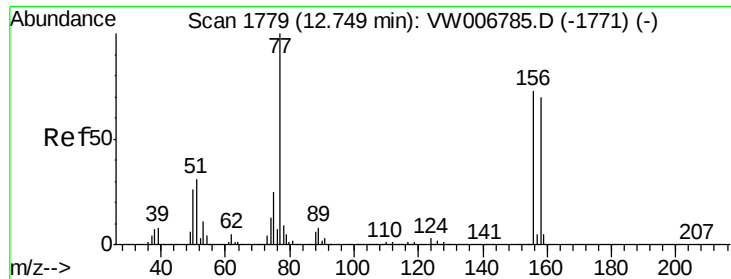
75 100

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

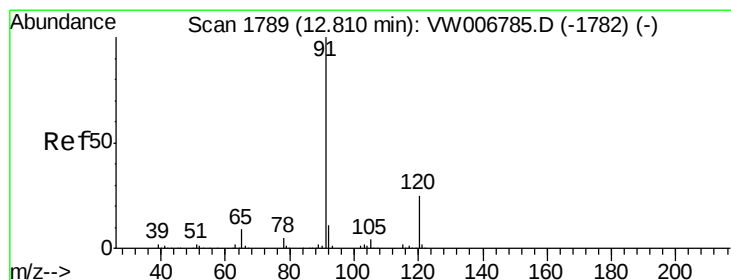
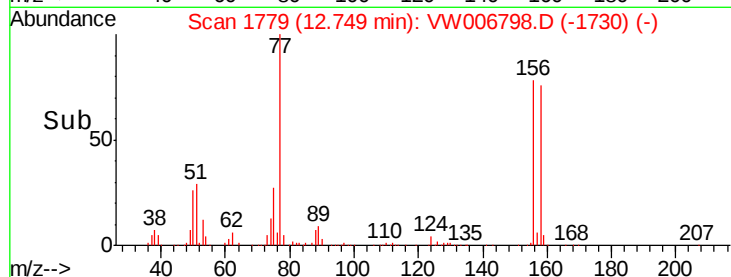
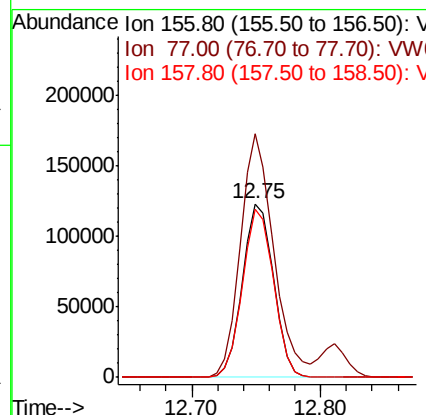
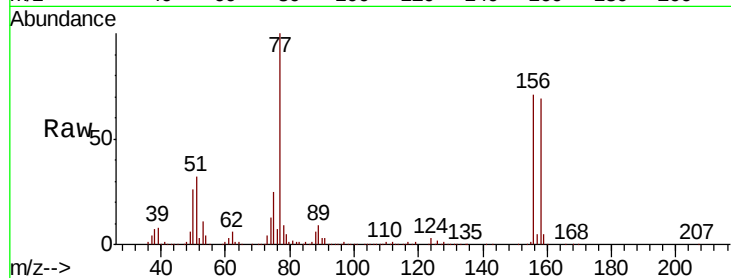




#77
Bromobenzene
Concen: 54.366 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

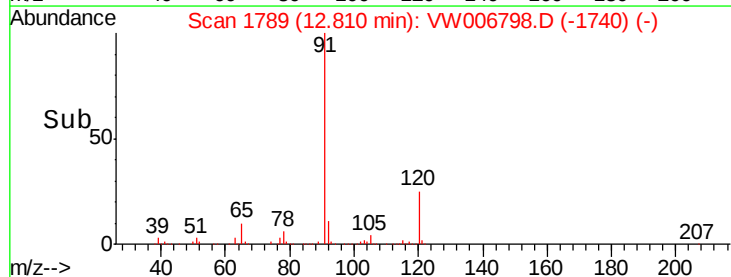
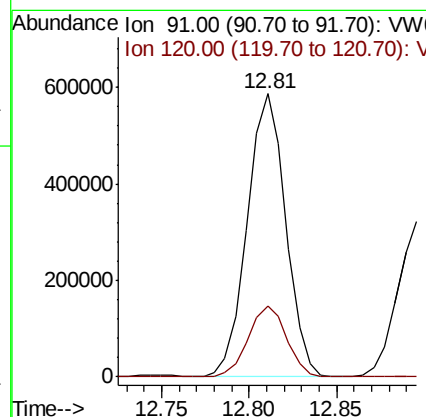
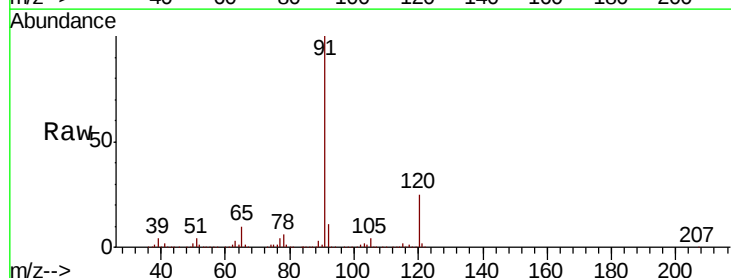
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

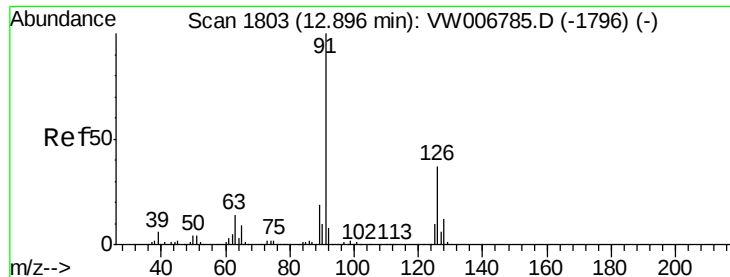
Tot Ion:156 Resp: 204490
Ion Ratio Lower Upper
156 100
77 151.0 75.4 226.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 51.723 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 91 Resp: 894023
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.0





#79

2-Chlorotoluene

Concen: 52.401 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

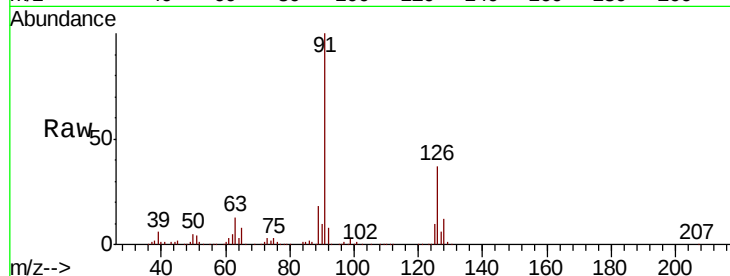
EP2-SB-104(15-17)

Tot Ion: 91 Resp: 510235

Ion Ratio Lower Upper

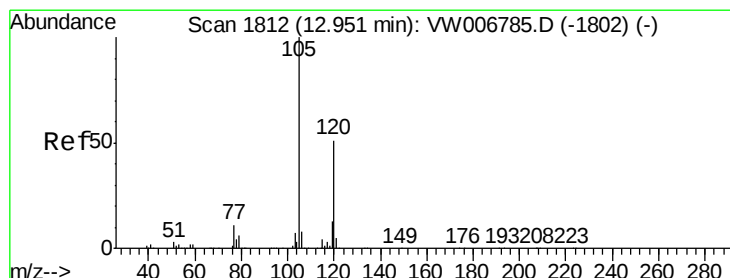
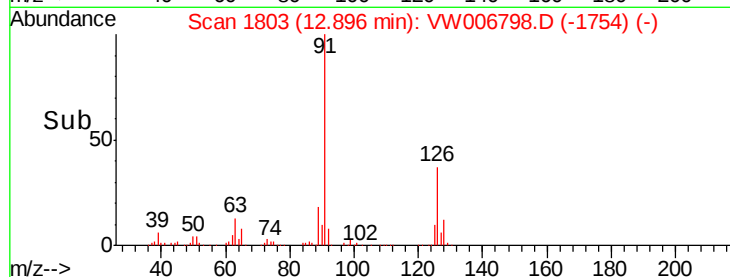
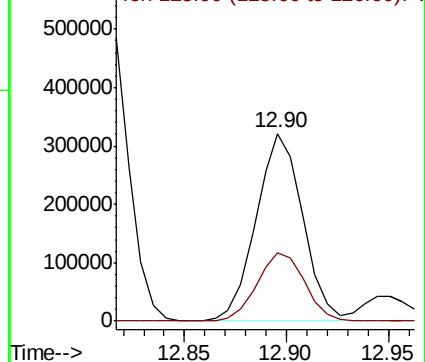
91 100

126 37.4 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: 52.547 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006798.D

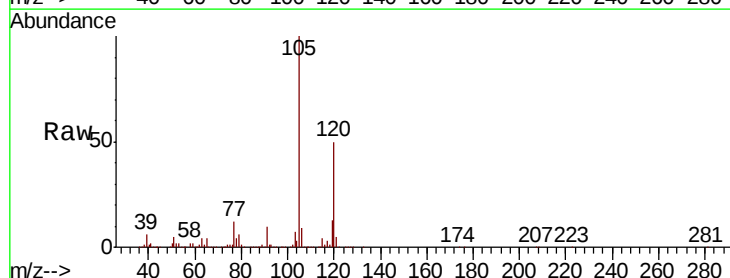
Acq: 09 Nov 2018 20:40

Tgt Ion: 105 Resp: 662305

Ion Ratio Lower Upper

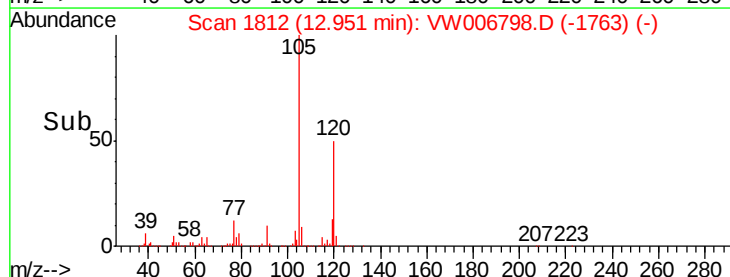
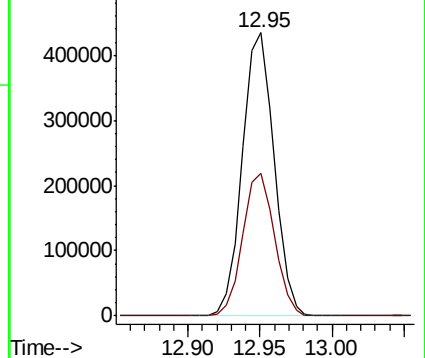
105 100

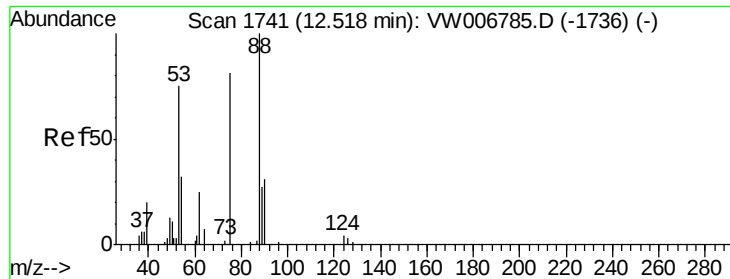
120 50.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

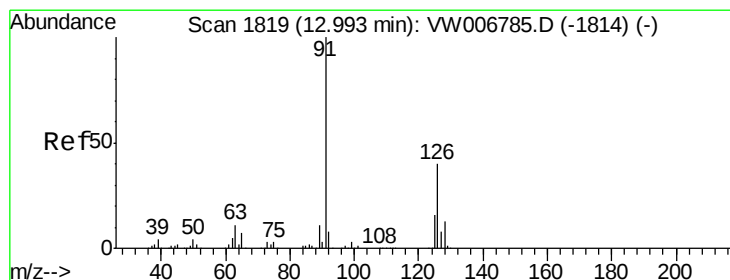
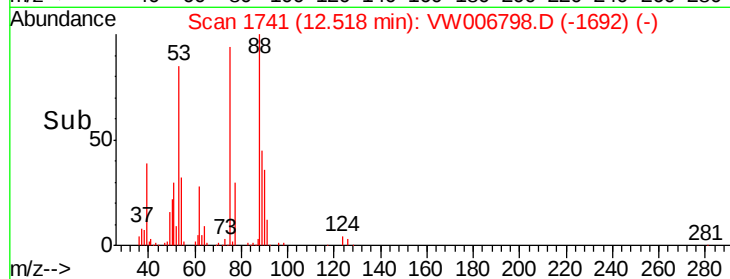
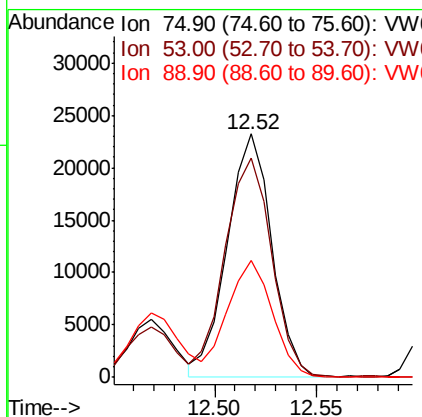
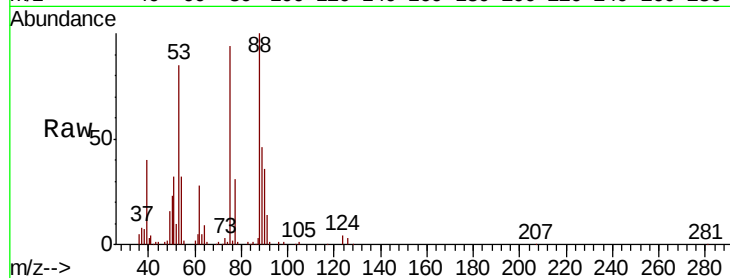




#81
trans-1,4-Dichloro-2-butene
Concen: 56.305 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

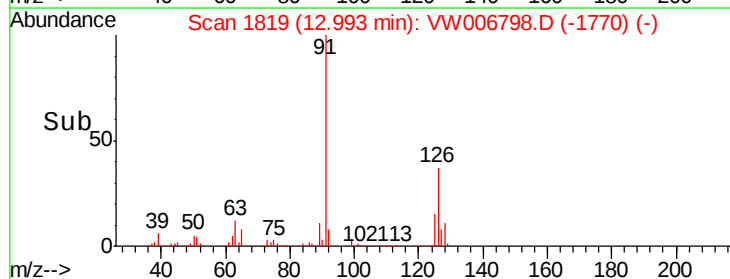
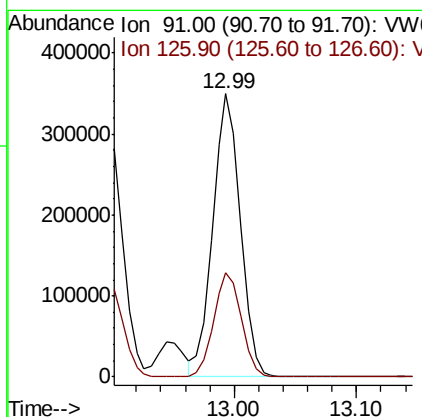
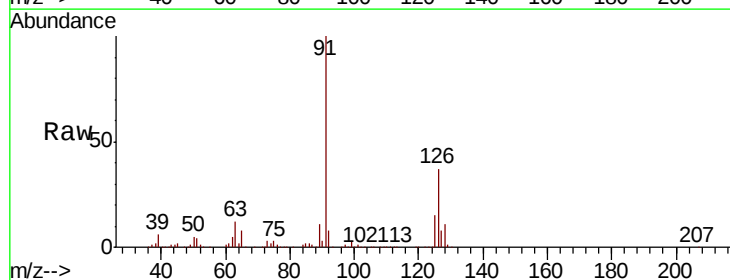
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

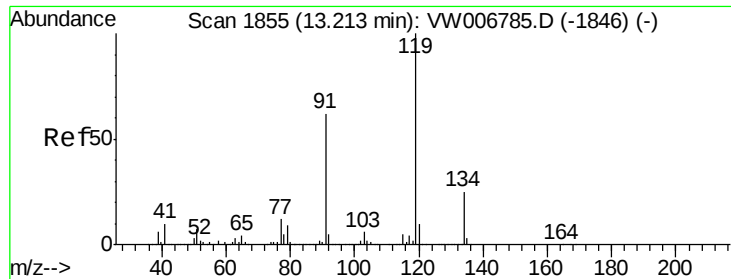
Tot Ion: 75 Resp: 34916
Ion Ratio Lower Upper
75 100
53 95.1 74.0 111.0
89 48.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.479 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion: 91 Resp: 546132
Ion Ratio Lower Upper
91 100
126 37.2 18.6 55.6

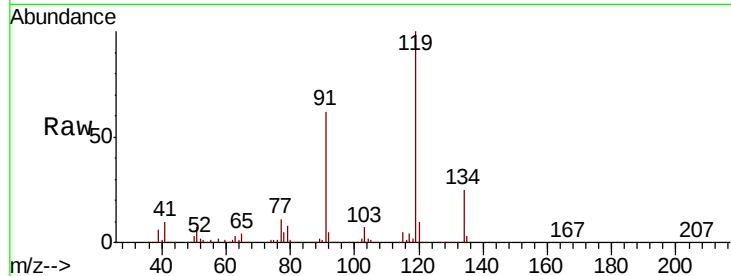




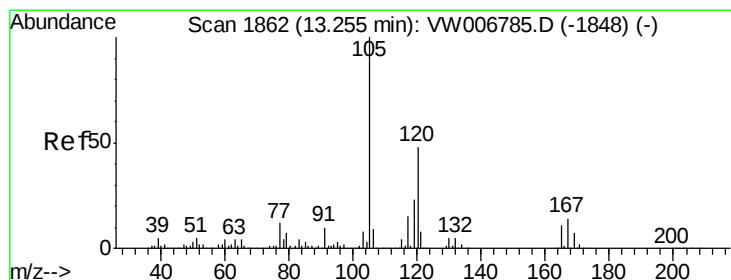
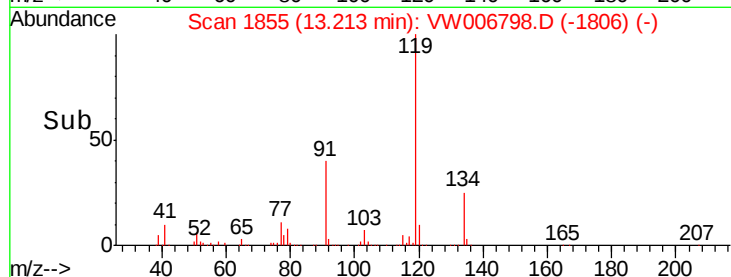
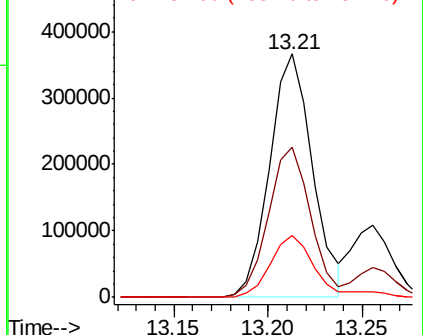
#83
tert-Butylbenzene
Concen: 53.097 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

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

Tot Ion:119 Resp: 578278
Ion Ratio Lower Upper
119 100
91 60.7 30.4 91.2
134 26.9 13.6 40.7

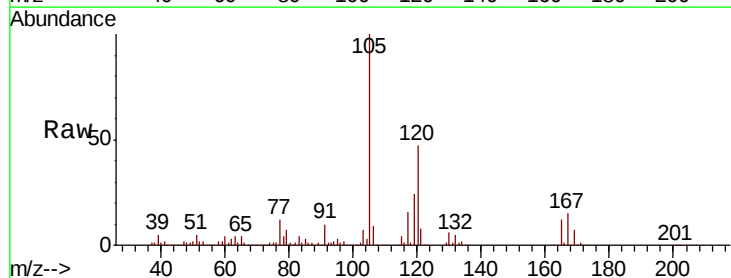


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

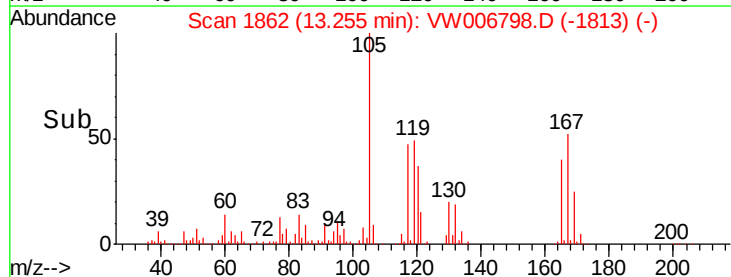
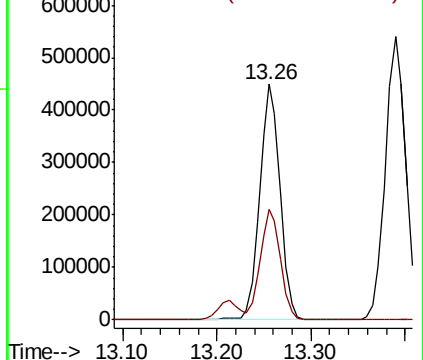


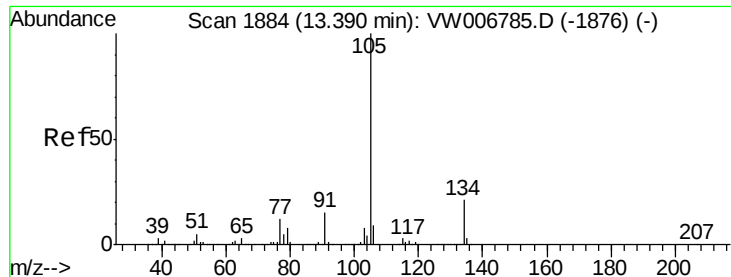
#84
1,2,4-Trimethylbenzene
Concen: 52.926 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion:105 Resp: 683456
Ion Ratio Lower Upper
105 100
120 46.3 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: 51.931 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

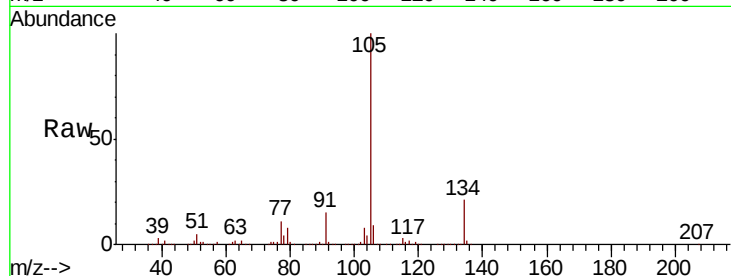
EP2-SB-104(15-17)

Tot Ion:105 Resp: 809464

Ion Ratio Lower Upper

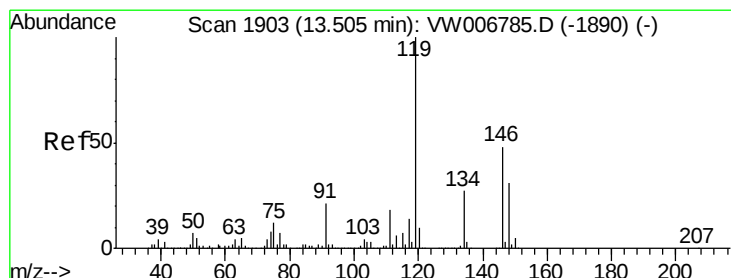
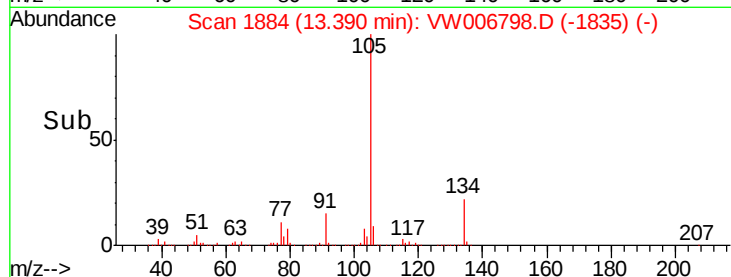
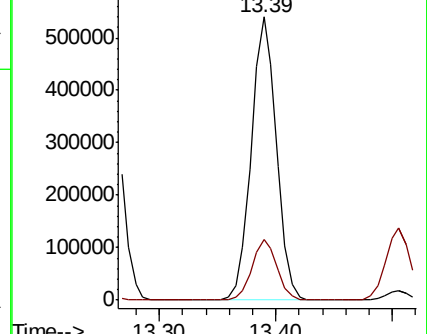
105 100

134 21.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.149 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

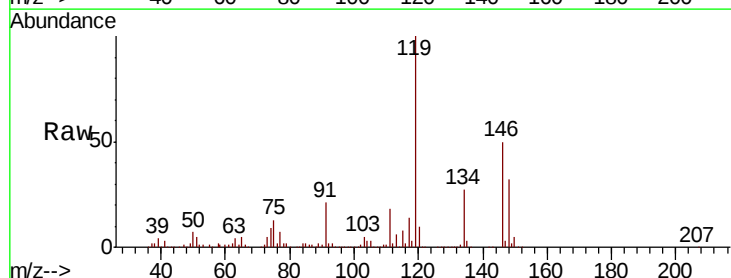
Tgt Ion:119 Resp: 741446

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

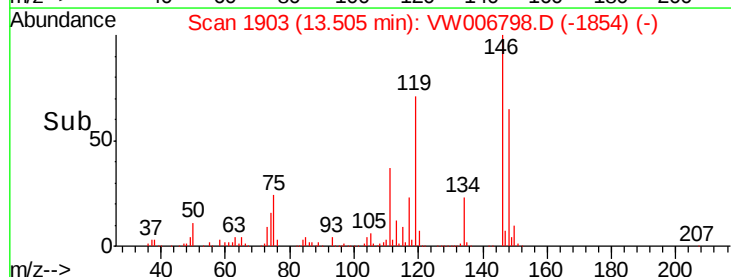
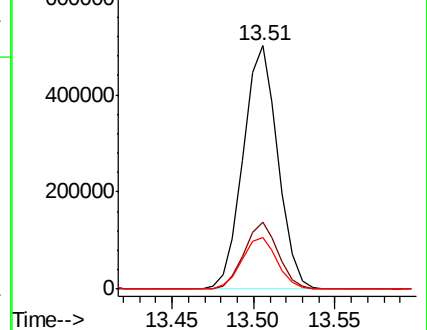
91 21.5 10.8 32.4

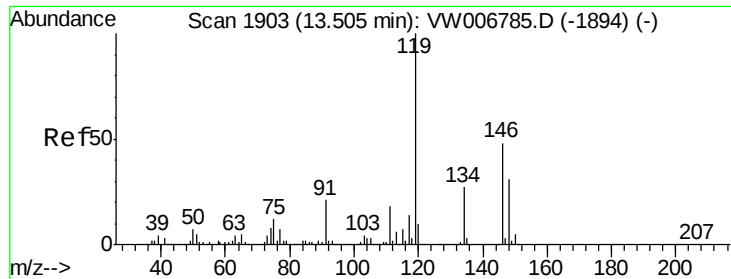


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

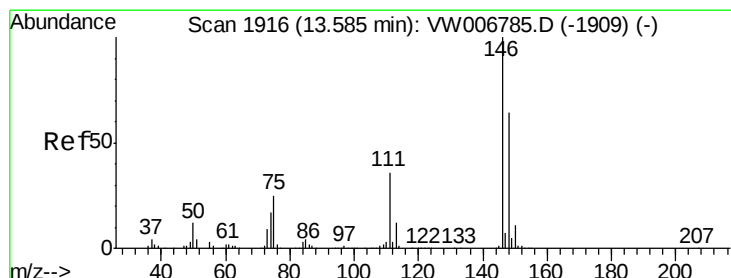
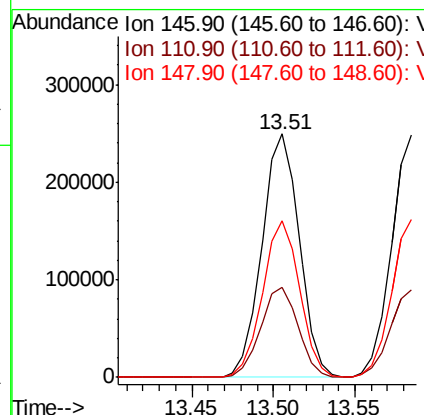
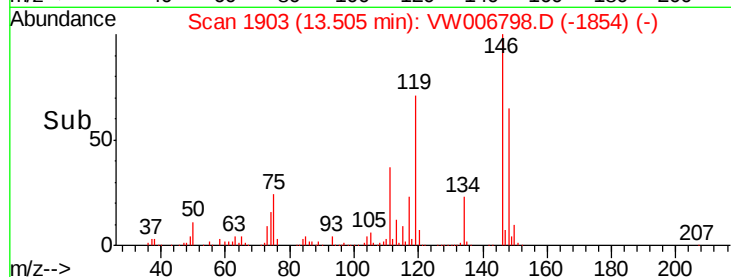
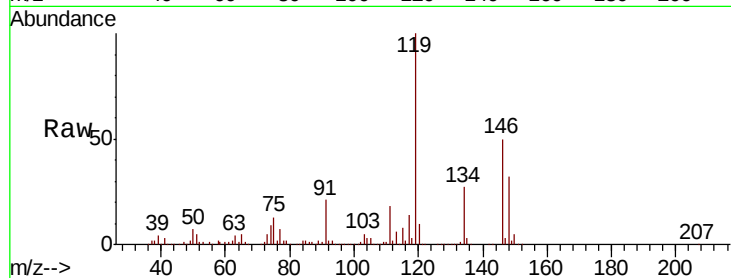




#87
 1,3-Dichlorobenzene
 Concen: 52.126 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

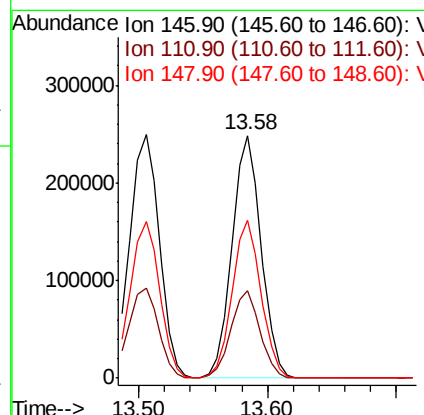
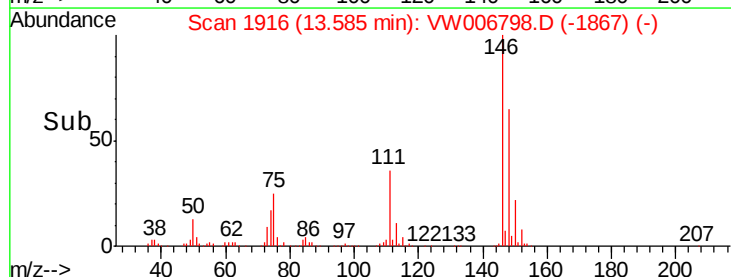
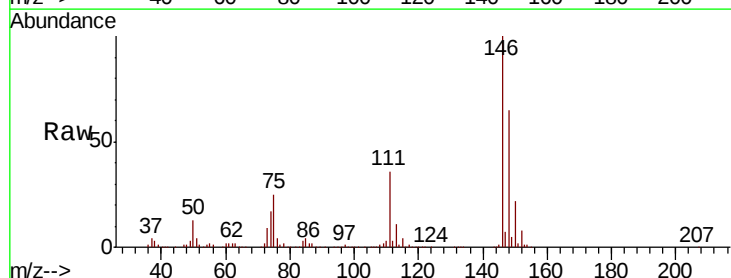
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

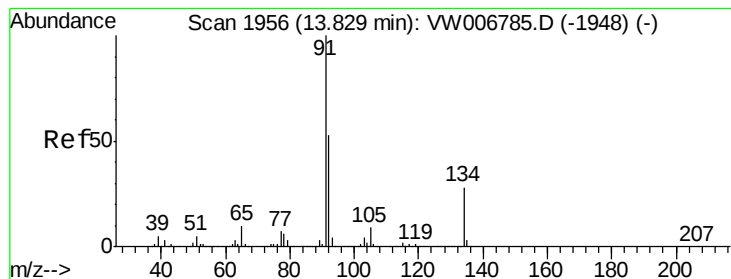
Tot Ion:146 Resp: 398330
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.670 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion:146 Resp: 393260
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 64.6 32.2 96.6





#89

n-Butylbenzene

Concen: 49.904 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

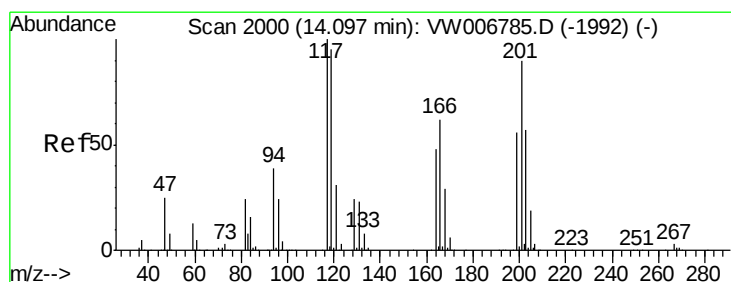
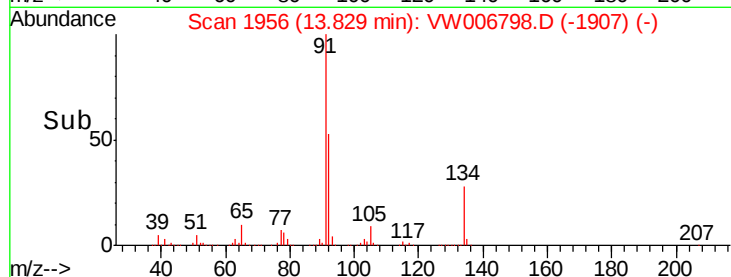
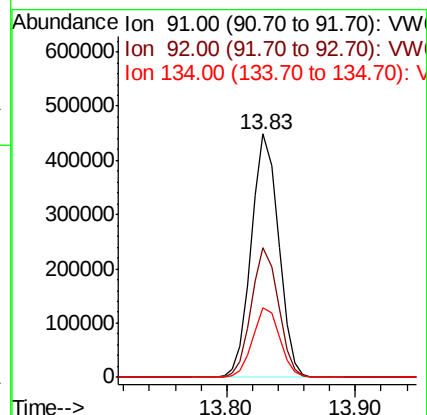
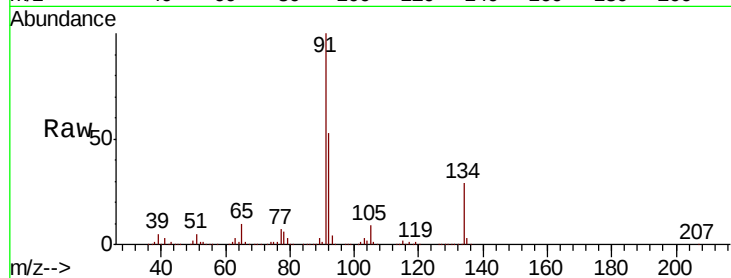
Tot Ion: 91 Resp: 654864

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.2

134 28.5 14.2 42.8



#90

Hexachloroethane

Concen: 53.645 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006798.D

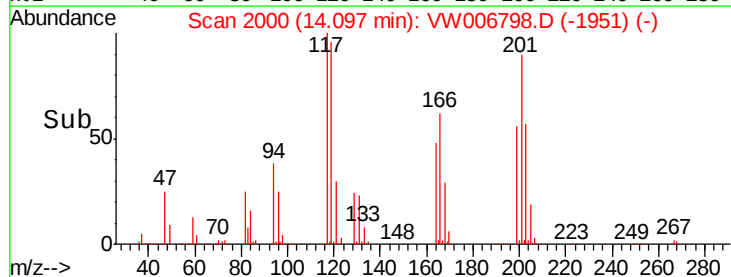
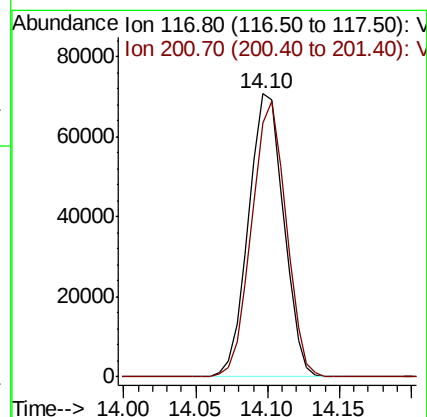
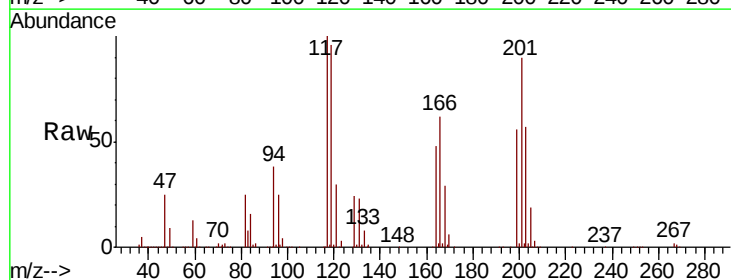
Acq: 09 Nov 2018 20:40

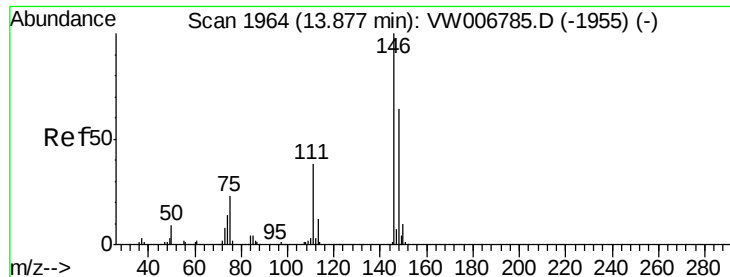
Tgt Ion: 117 Resp: 119656

Ion Ratio Lower Upper

117 100

201 94.8 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 53.685 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

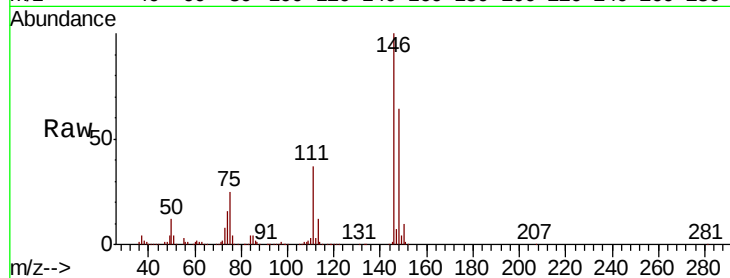
Tot Ion:146 Resp: 358891

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

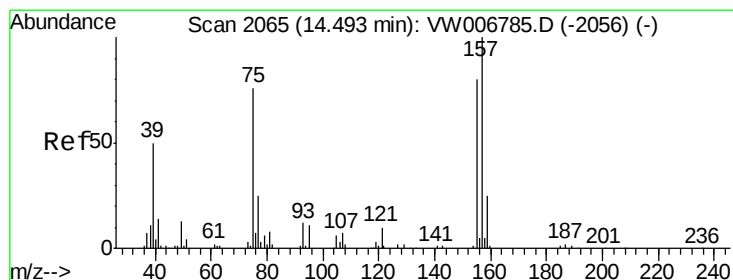
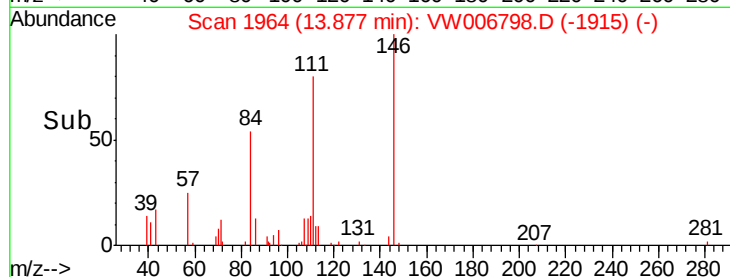
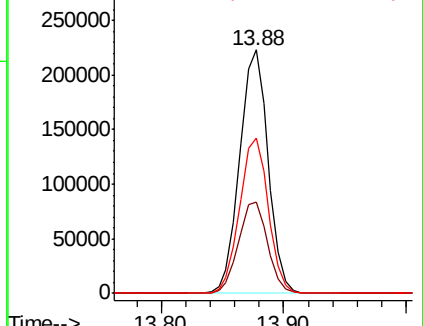
148 64.5 32.0 96.2



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: 56.977 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006798.D

Acq: 09 Nov 2018 20:40

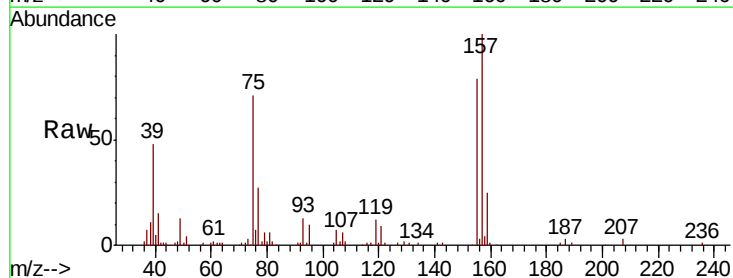
Tgt Ion: 75 Resp: 19939

Ion Ratio Lower Upper

75 100

155 104.8 51.0 153.1

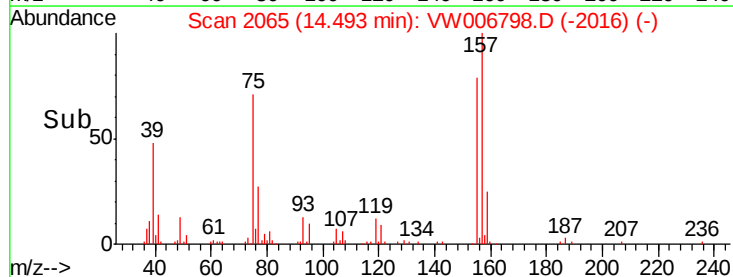
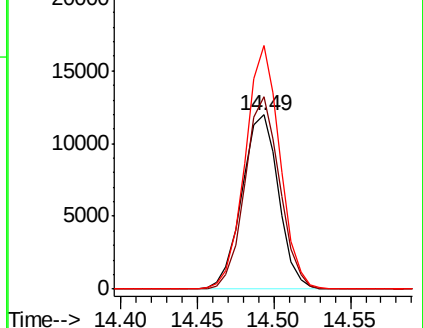
157 131.9 65.5 196.5

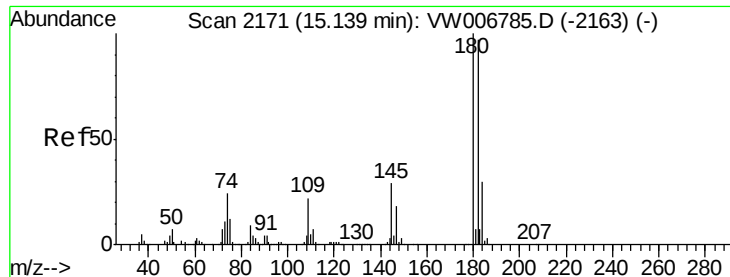


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

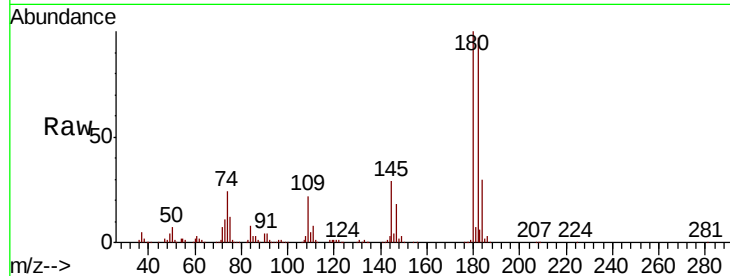




#93
 1,2,4-Trichlorobenzene
 Concen: 52.140 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	28.1	14.1	42.3

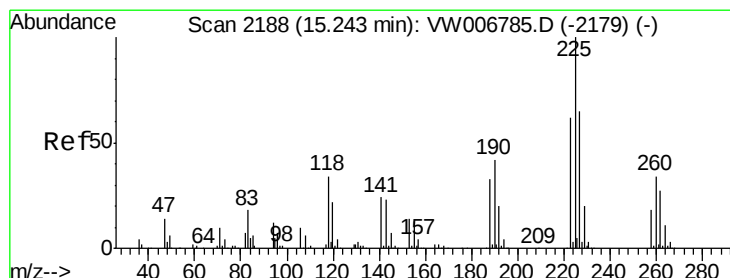
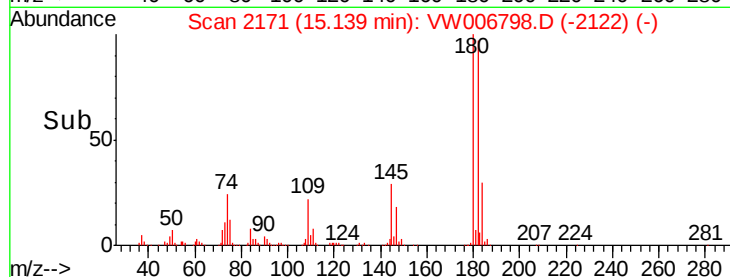
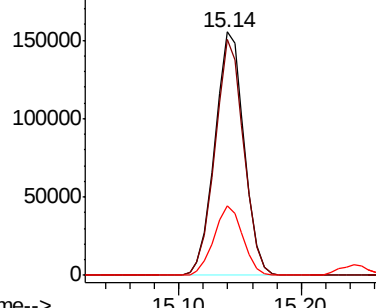


Abundance

Ion 179.80 (179.50 to 180.50): V

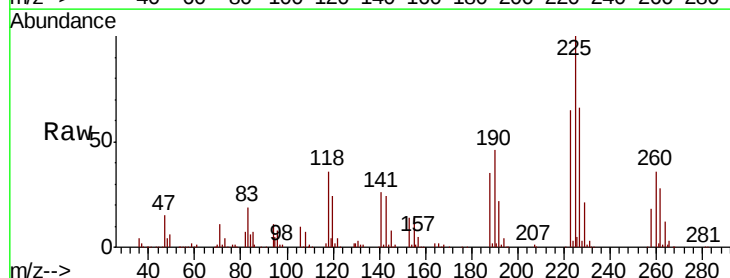
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.210 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006798.D
 Acq: 09 Nov 2018 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.5
227	65.0	31.9	95.7

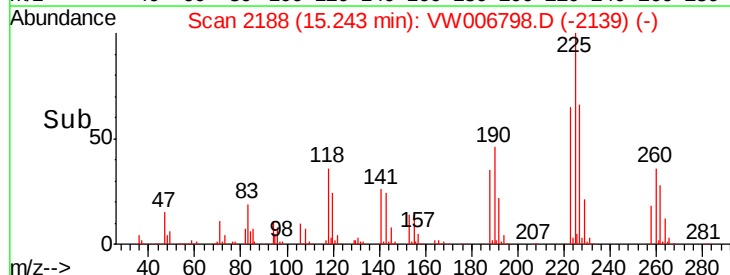
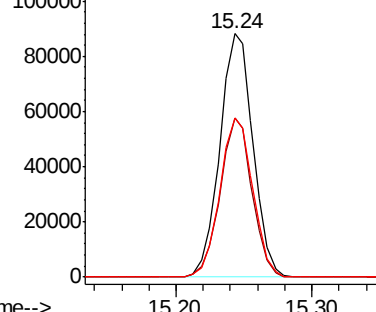


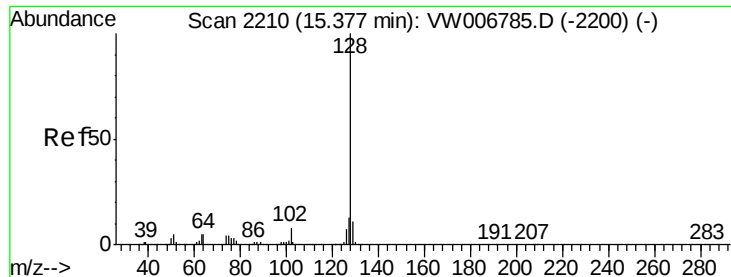
Abundance

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

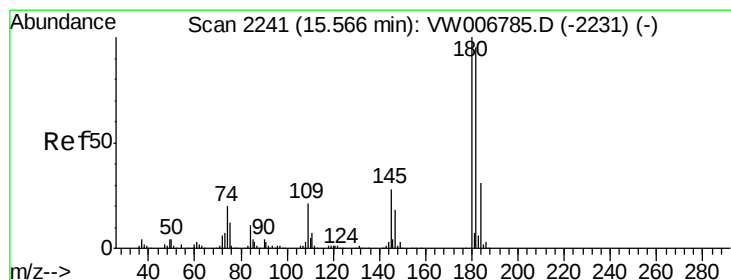
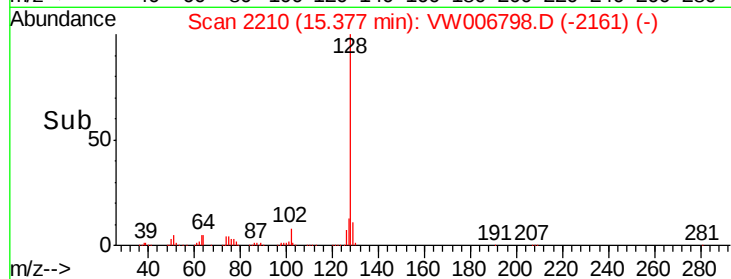
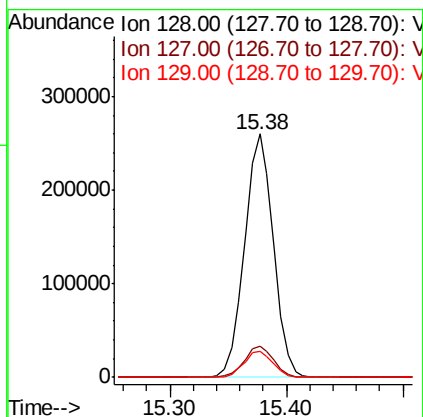
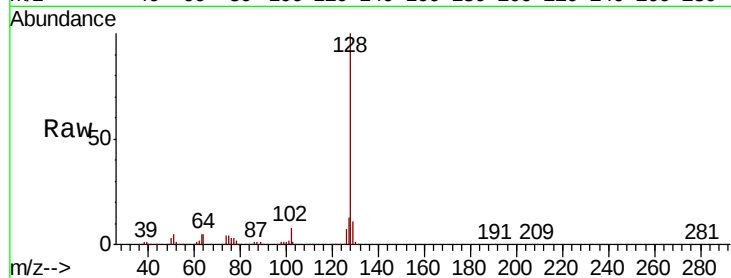




#95
Naphthalene
Concen: 58.990 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

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

Tot Ion:128 Resp: 446686
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.953 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006798.D
Acq: 09 Nov 2018 20:40

Tgt Ion:180 Resp: 230968
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 29.8 14.5 43.6

