

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006554.D
 Acq On : 01 Nov 2018 13:05
 Operator : SY/AP
 Sample : VW1102SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Quant Time: Nov 01 13:39:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	413155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117408	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	7.89	113	126998	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.33	98	490341	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	173925	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	34700	22.39	ug/l	96
3) Chloromethane	2.21	50	40576	21.16	ug/l	100
4) Vinyl Chloride	2.37	62	58337	21.79	ug/l	97
5) Bromomethane	2.78	94	47439	21.12	ug/l	98
6) Chloroethane	2.93	64	37906	20.27	ug/l	99
7) Trichlorofluoromethane	3.26	101	53676	22.71	ug/l	98
8) Diethyl Ether	3.68	74	24578	19.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55080	21.82	ug/l	100
10) Methyl Iodide	4.26	142	91071	19.90	ug/l	99
11) Tert butyl alcohol	5.20	59	13265	95.82	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	50885	20.87	ug/l	98
13) Acrolein	3.89	56	17874	102.66	ug/l	99
14) Allyl chloride	4.67	41	65055	20.44	ug/l	99
15) Acrylonitrile	5.37	53	44415	95.86	ug/l	99
16) Acetone	4.13	43	54444	131.25	ug/l	99
17) Carbon Disulfide	4.38	76	148012	21.33	ug/l	99
18) Methyl Acetate	4.68	43	22051	18.49	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70711	19.48	ug/l	96
20) Methylene Chloride	4.91	84	54370	16.19	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56403	20.44	ug/l	97
22) Diisopropyl ether	6.32	45	130111	19.61	ug/l	99
23) Vinyl Acetate	6.26	43	360157	97.89	ug/l	98
24) 1,1-Dichloroethane	6.22	63	89221	19.84	ug/l	99
25) 2-Butanone	7.18	43	63273	106.89	ug/l	99
26) 2,2-Dichloropropane	7.17	77	62045	22.91	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	60812	19.70	ug/l	99
28) Bromochloromethane	7.51	49	32742	18.34	ug/l	99
29) Tetrahydrofuran	7.54	42	34727	93.28	ug/l	99
30) Chloroform	7.68	83	95614	19.39	ug/l	96
31) Cyclohexane	7.96	56	85745	20.95	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	86952	20.84	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77305	21.28	ug/l	99
37) Ethyl Acetate	7.26	43	24648	19.58	ug/l	98
38) Carbon Tetrachloride	8.07	117	83216	21.92	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102772	22.29	ug/l	99
40) Benzene	8.33	78	214919	20.83	ug/l	99
41) Methacrylonitrile	7.49	41	14065	18.22	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59302	20.04	ug/l	99
43) Isopropyl Acetate	8.43	43	49716	19.79	ug/l	99
44) Trichloroethene	9.10	130	66769	20.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49197	20.48	ug/l	99
46) Dibromomethane	9.46	93	27867	19.74	ug/l	100
47) Bromodichloromethane	9.65	83	65934	20.11	ug/l	99
48) Methyl methacrylate	9.44	41	23751	19.62	ug/l	99
49) 1,4-Dioxane	9.47	88	8557	414.16	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	124646	96.60	ug/l	99
52) Toluene	10.39	92	142314	20.56	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64448	20.43	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75803	20.33	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39564	19.75	ug/l	96
56) Ethyl methacrylate	10.65	69	44531	19.56	ug/l	99
57) 1,3-Dichloropropane	10.93	76	64748	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109955	99.35	ug/l	99
59) 2-Hexanone	10.98	43	94388	107.70	ug/l	97
60) Dibromochloromethane	11.13	129	46746	19.70	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38712	19.46	ug/l	99
64) Tetrachloroethene	10.87	164	59884	20.02	ug/l	98
65) Chlorobenzene	11.66	112	165679	20.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57127	20.58	ug/l	99
67) Ethyl Benzene	11.74	91	282047	21.37	ug/l	100
68) m/p-Xylenes	11.84	106	224853	42.64	ug/l	100
69) o-Xylene	12.17	106	106066	21.13	ug/l	100
70) Styrene	12.19	104	167820	20.50	ug/l	99
71) Bromoform	12.35	173	28647	19.47	ug/l #	99
73) Isopropylbenzene	12.47	105	296148	21.53	ug/l	100
74) N-amyl acetate	12.28	43	46367	19.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43682	20.11	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	55345	33.97	ug/l #	100
77) Bromobenzene	12.75	156	73862	20.74	ug/l	100
78) n-propylbenzene	12.81	91	344554	21.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	191436	21.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	247677	21.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11457	19.90	ug/l	96
82) 4-Chlorotoluene	12.99	91	204222	21.26	ug/l	99
83) tert-Butylbenzene	13.21	119	222491	21.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	253227	21.36	ug/l	99
85) sec-Butylbenzene	13.39	105	315353	21.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	286746	21.83	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146278	20.86	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146839	21.12	ug/l	99
89) n-Butylbenzene	13.83	91	260051	22.31	ug/l	99
90) Hexachloroethane	14.10	117	45955	21.29	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	129592	20.54	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6858	19.45	ug/l	98

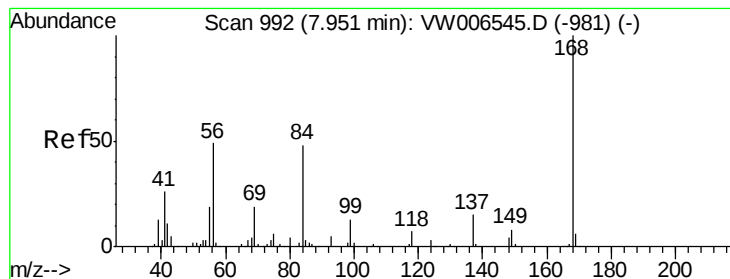
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
Data File : VW006554.D
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100027	21.32	ug/l	100
94) Hexachlorobutadiene	15.24	225	64140	21.94	ug/l	99
95) Naphthalene	15.38	128	150194	19.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	84889	20.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

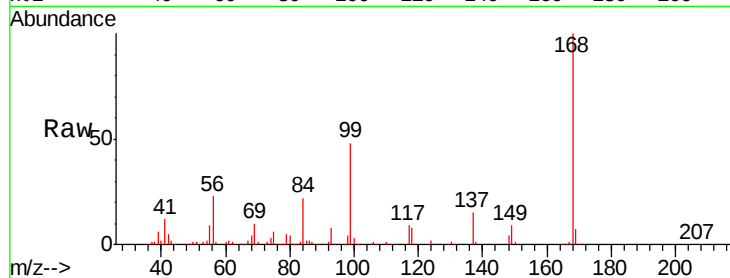
VW1102SBSD01

Tgt Ion:168 Resp: 298899

Ion Ratio Lower Upper

168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

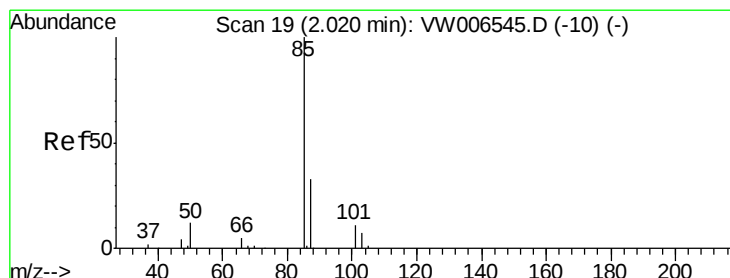
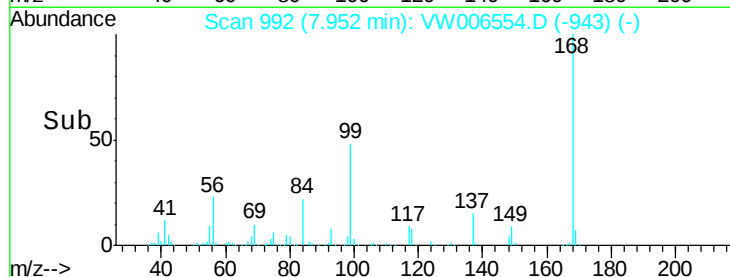
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.39 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006554.D

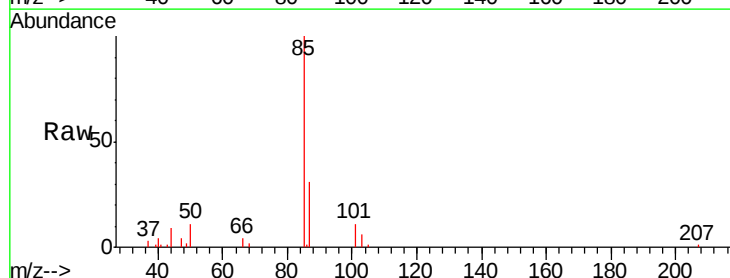
Acq: 01 Nov 2018 13:05

Tgt Ion: 85 Resp: 34700

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

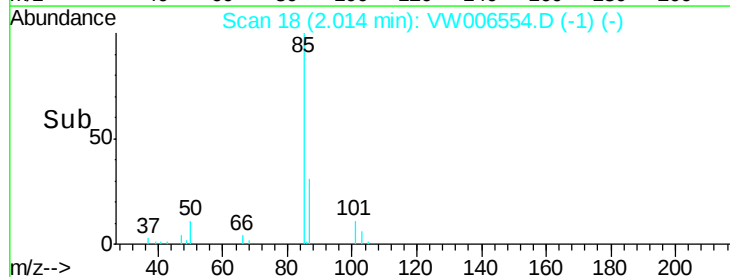
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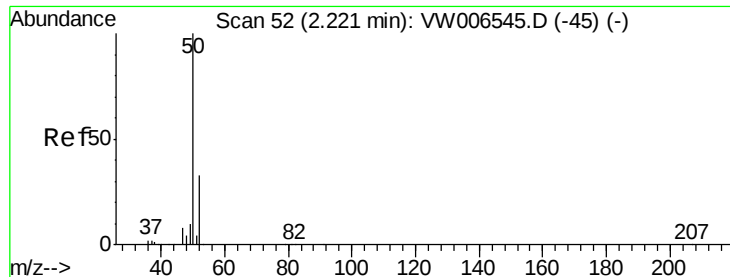
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.16 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

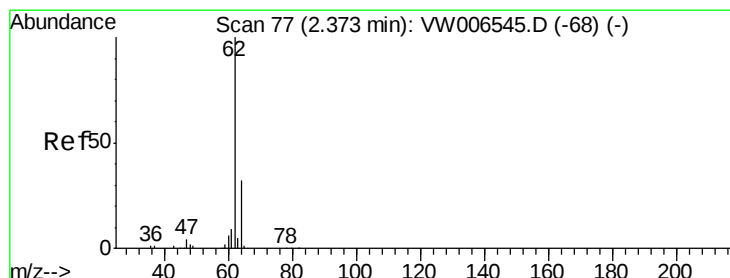
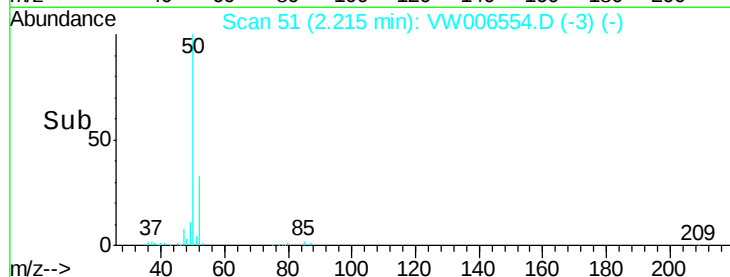
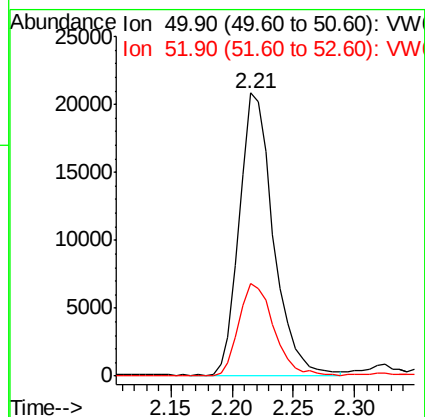
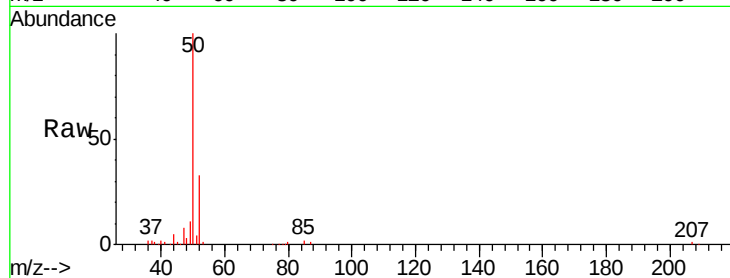
VW1102SBSD01

Tgt Ion: 50 Resp: 40576

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 21.79 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006554.D

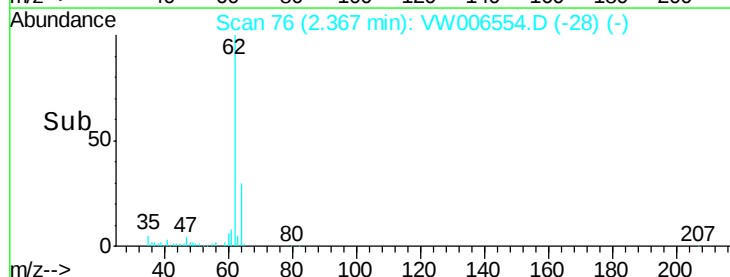
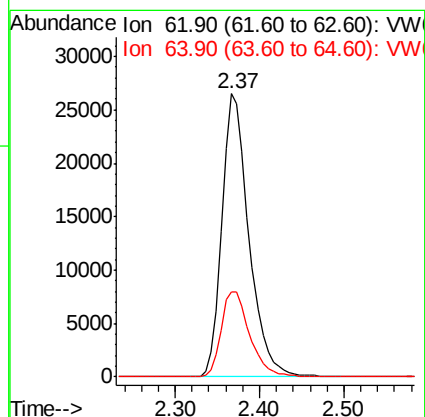
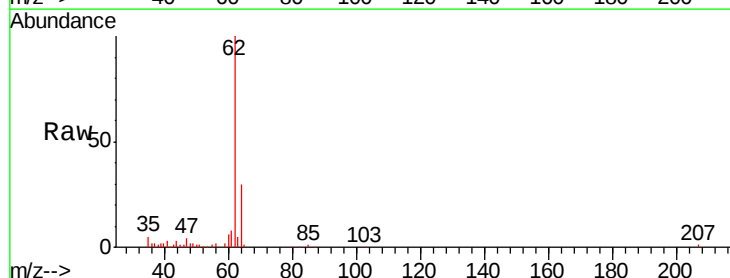
Acq: 01 Nov 2018 13:05

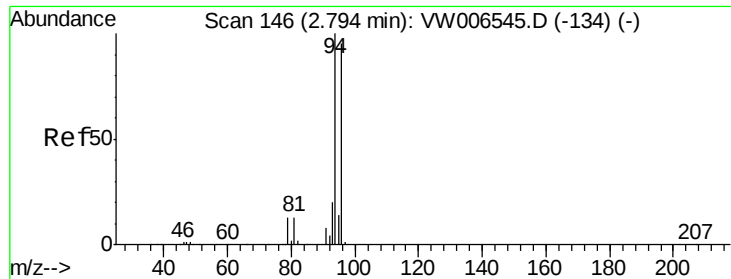
Tgt Ion: 62 Resp: 58337

Ion Ratio Lower Upper

62 100

64 29.9 25.4 38.0





#5

Bromomethane

Concen: 21.12 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

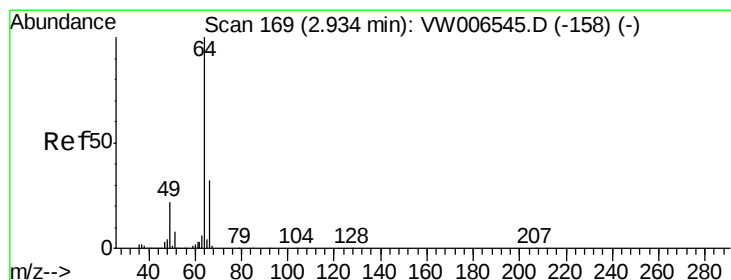
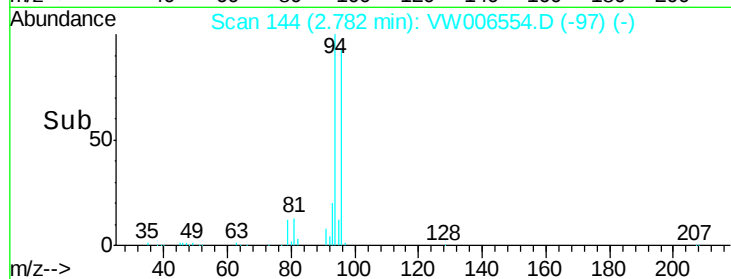
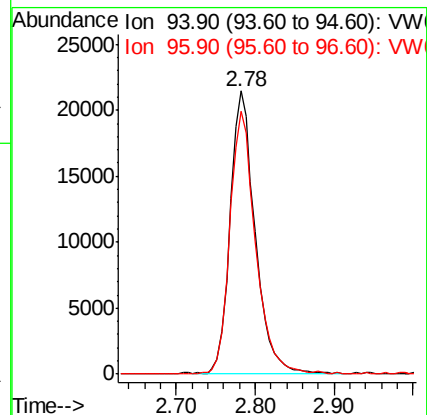
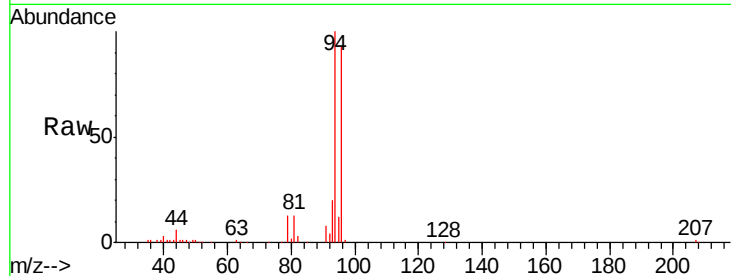
VW1102SBSD01

Tgt Ion: 94 Resp: 47439

Ion Ratio Lower Upper

94 100

96 93.0 75.7 113.5



#6

Chloroethane

Concen: 20.27 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006554.D

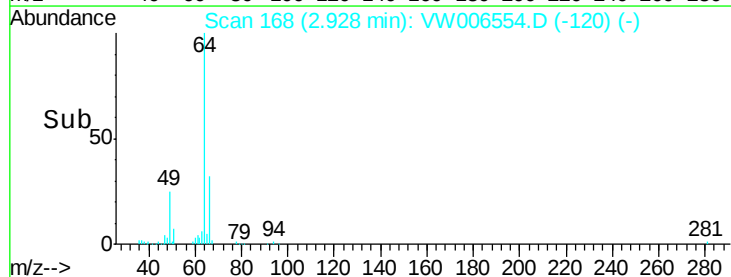
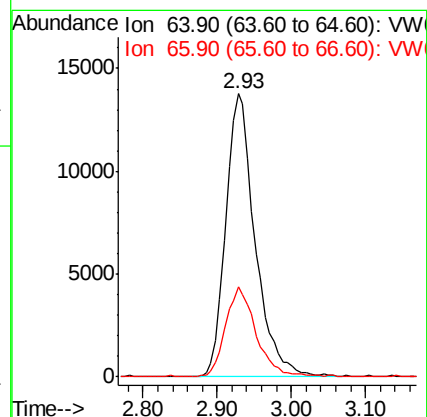
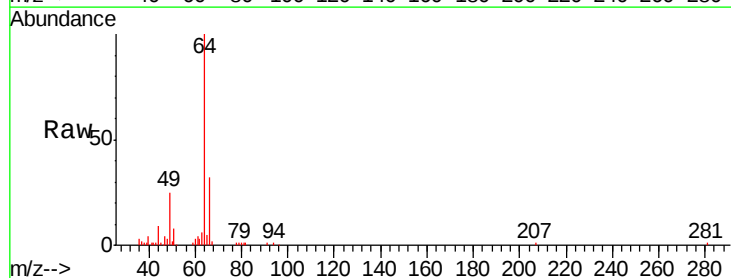
Acq: 01 Nov 2018 13:05

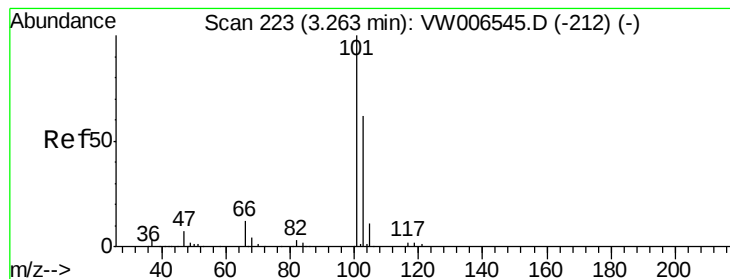
Tgt Ion: 64 Resp: 37906

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



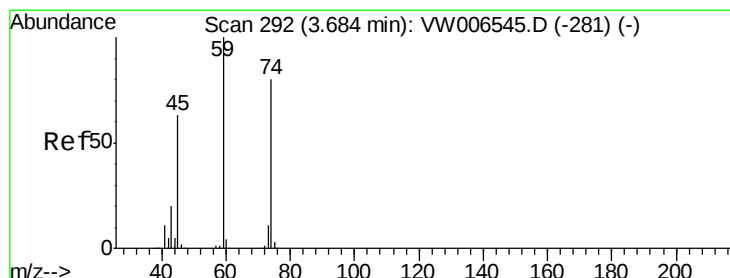
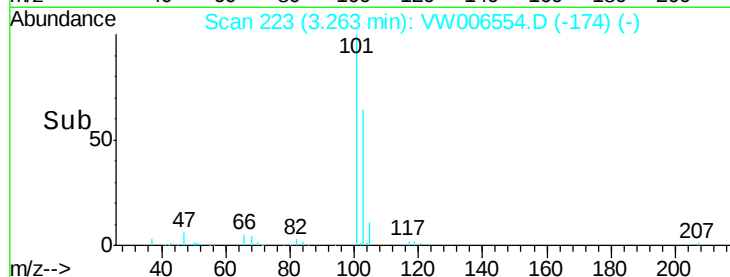
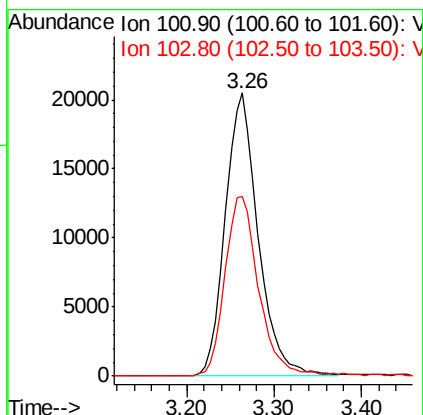
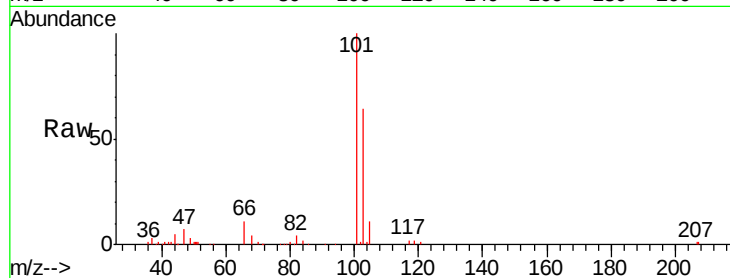


#7

Trichlorofluoromethane
 Concen: 22.71 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

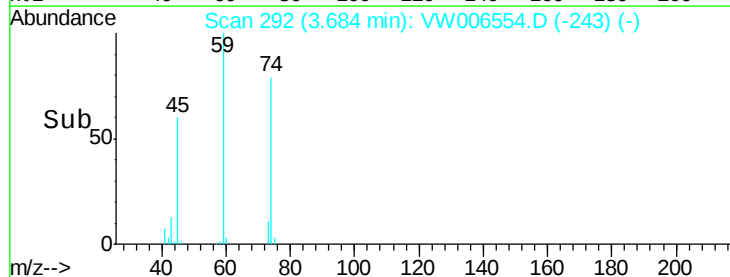
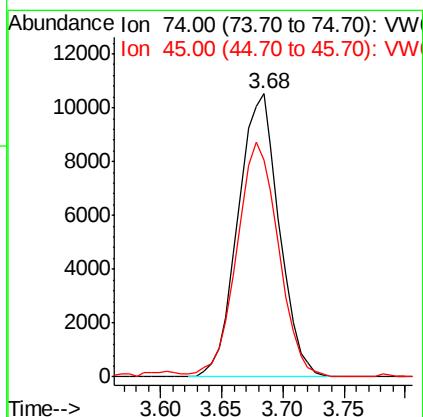
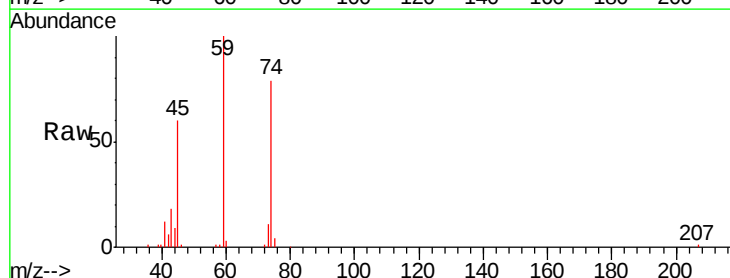
Tgt Ion:101 Resp: 53676
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.8 74.8

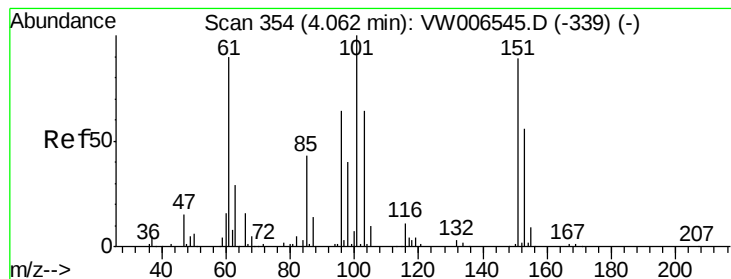


#8

Diethyl Ether
 Concen: 19.02 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 74 Resp: 24578
 Ion Ratio Lower Upper
 74 100
 45 84.2 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.82 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

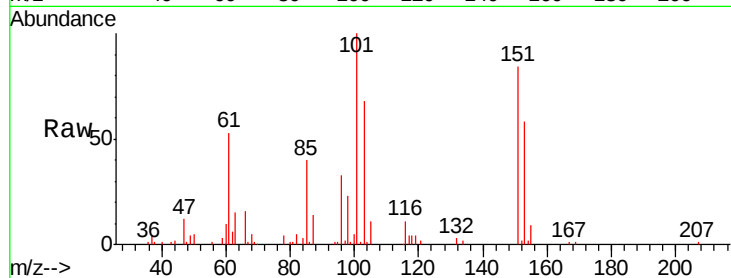
Tgt Ion:101 Resp: 55080

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

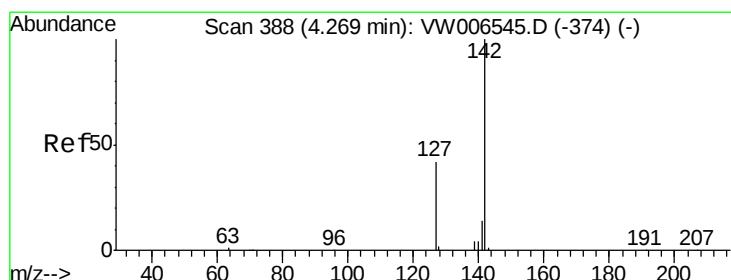
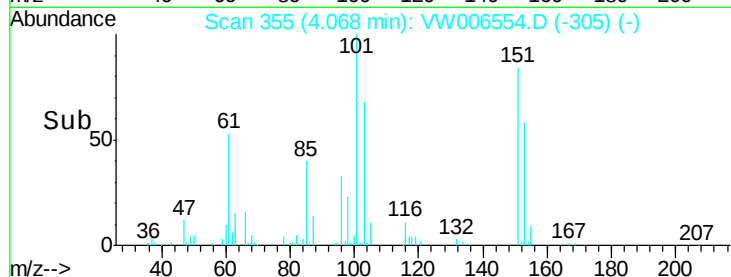
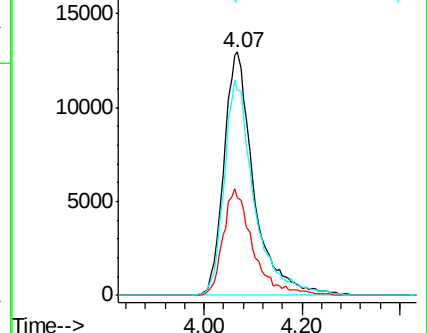
151 88.6 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.90 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

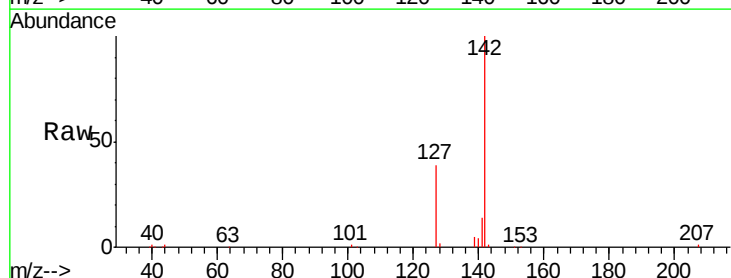
Tgt Ion:142 Resp: 91071

Ion Ratio Lower Upper

142 100

127 39.9 32.3 48.5

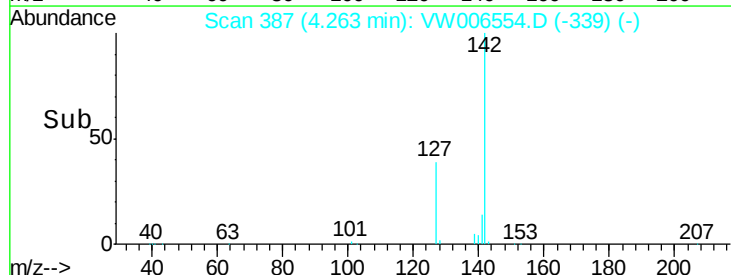
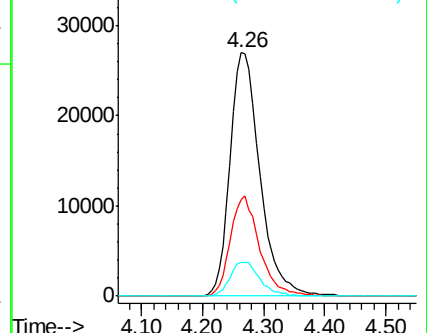
141 14.1 11.3 16.9

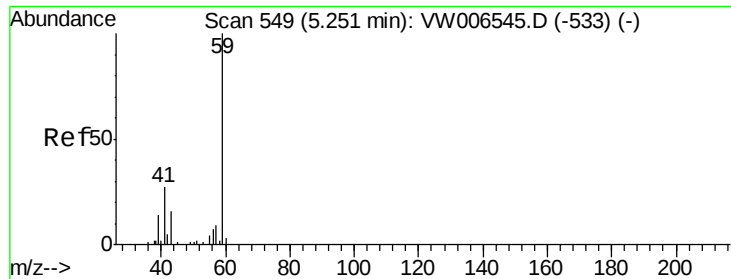


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

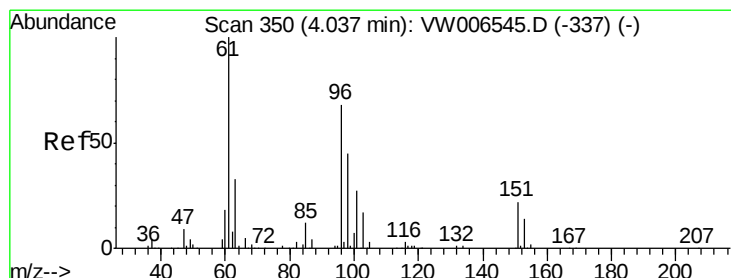
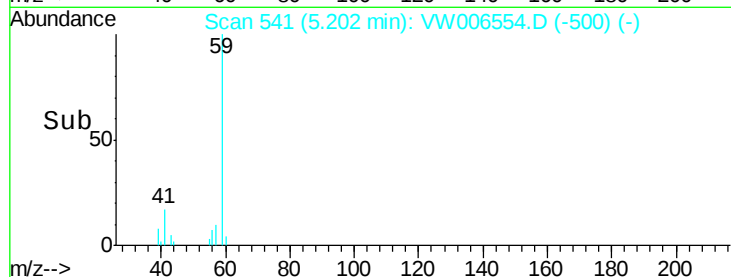
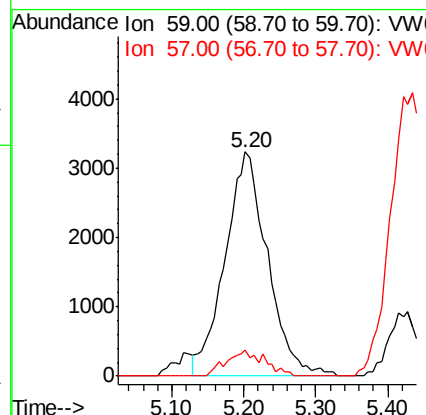
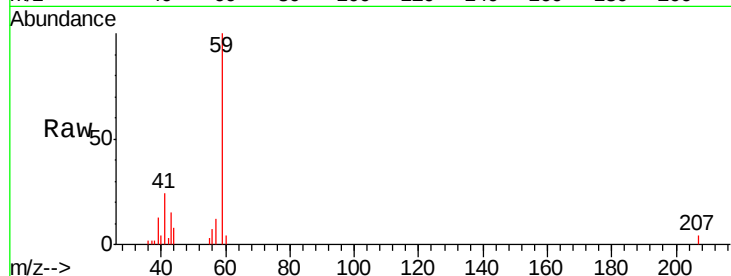




#11
Tert butyl alcohol
Concen: 95.82 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.05 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

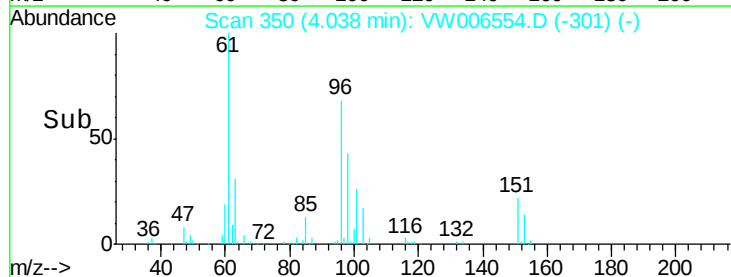
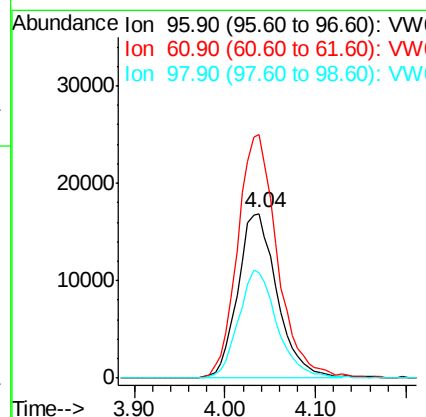
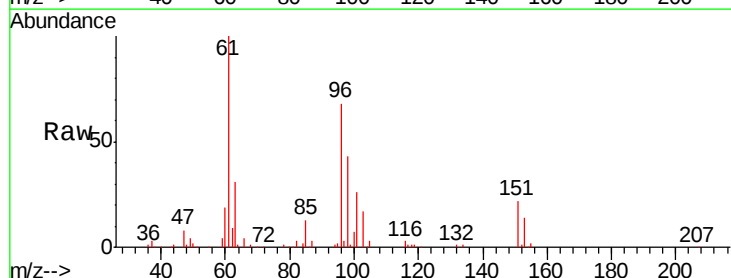
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

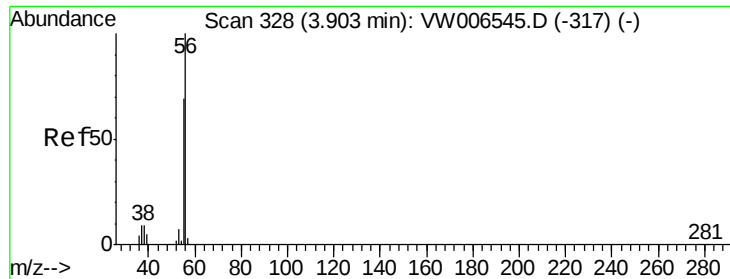
Tgt Ion: 59 Resp: 13265
Ion Ratio Lower Upper
59 100
57 7.7 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 20.87 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 96 Resp: 50885
Ion Ratio Lower Upper
96 100
61 147.9 117.0 175.4
98 63.7 52.5 78.7





#13

Acrolein

Concen: 102.66 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

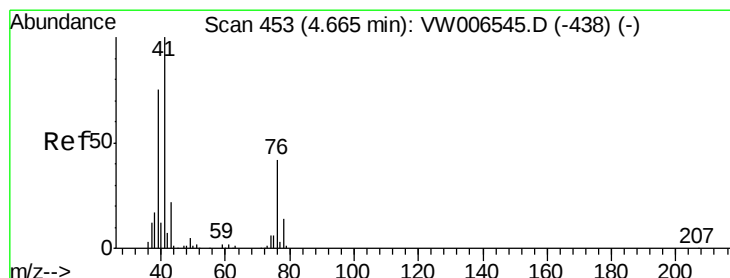
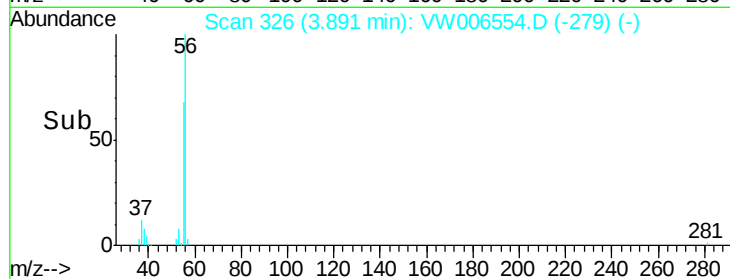
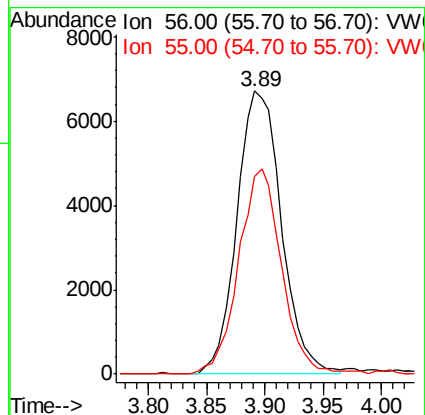
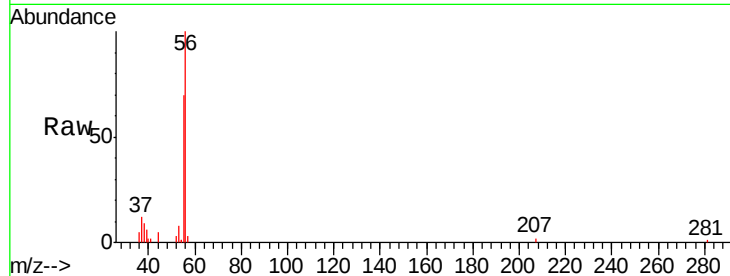
VW1102SBSD01

Tgt Ion: 56 Resp: 17874

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 20.44 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

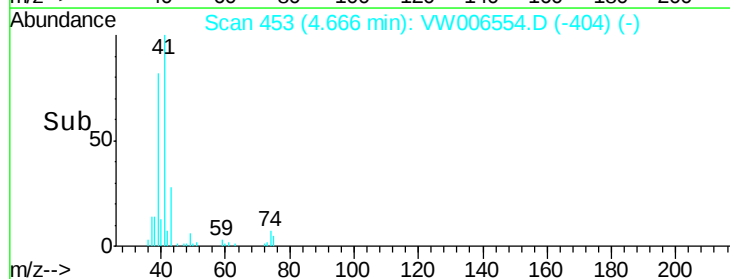
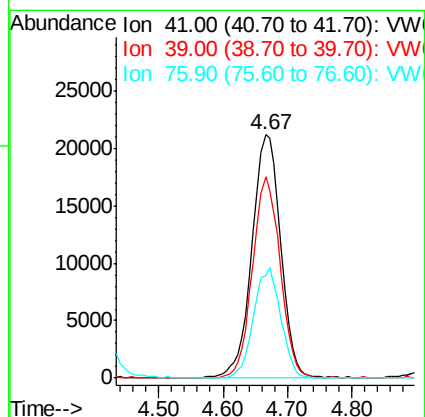
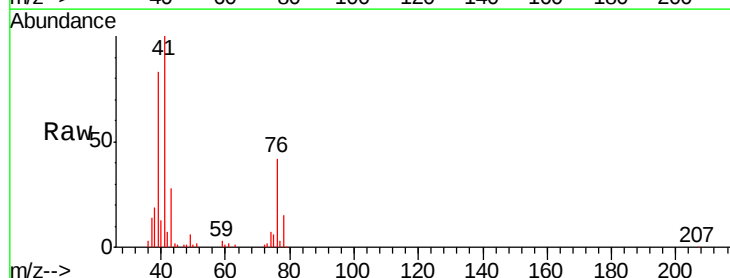
Tgt Ion: 41 Resp: 65055

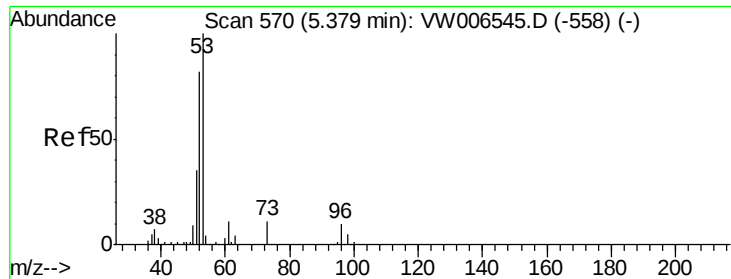
Ion Ratio Lower Upper

41 100

39 79.3 62.1 93.1

76 42.5 34.2 51.2





#15

Acrylonitrile

Concen: 95.86 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

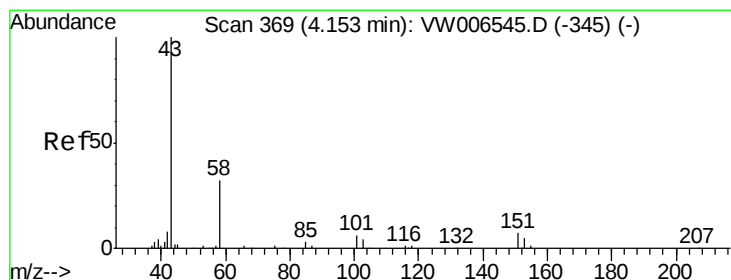
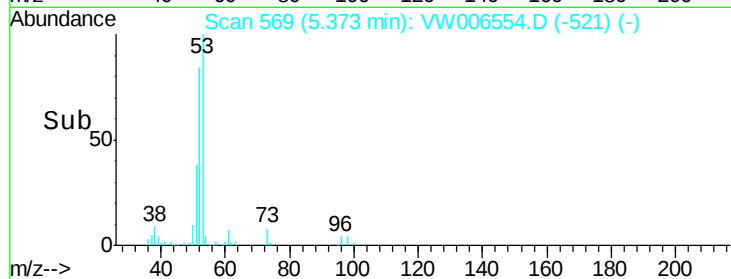
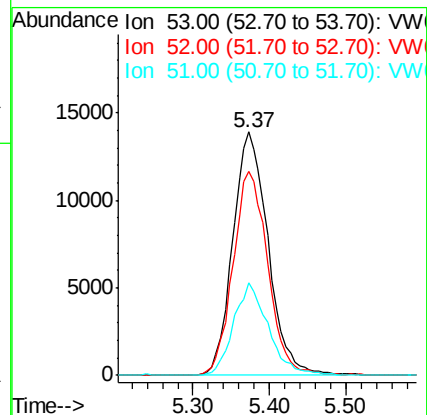
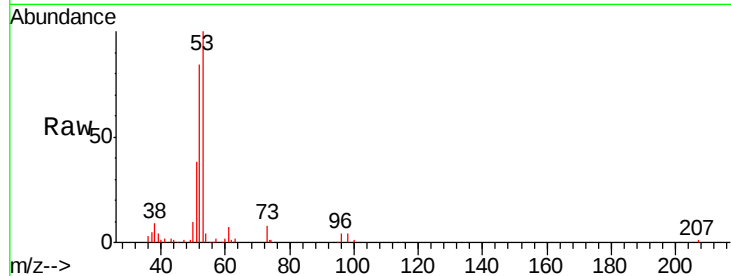
Tgt Ion: 53 Resp: 44415

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.8

51 37.5 29.6 44.4



#16

Acetone

Concen: 131.25 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006554.D

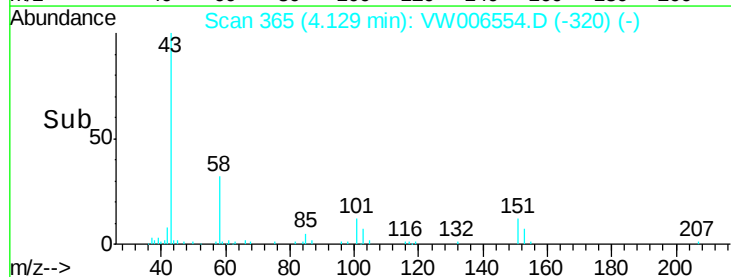
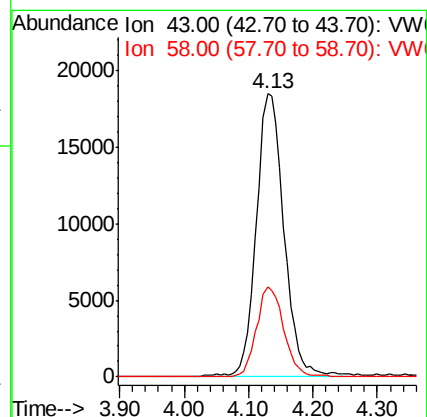
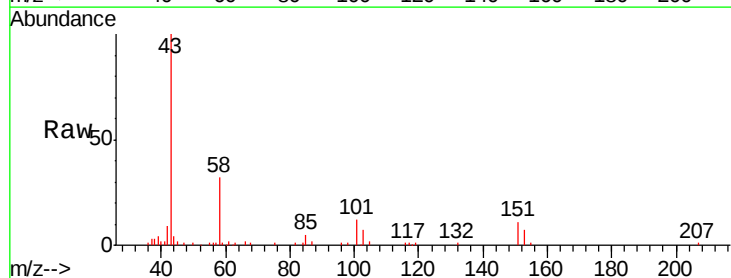
Acq: 01 Nov 2018 13:05

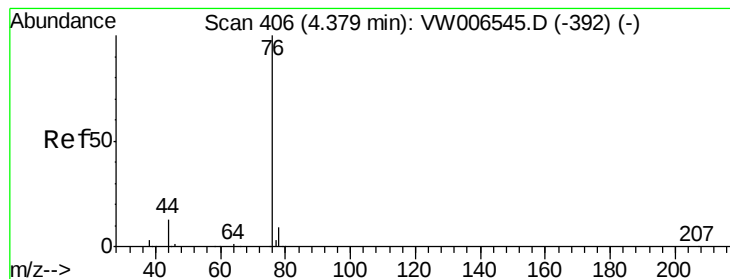
Tgt Ion: 43 Resp: 54444

Ion Ratio Lower Upper

43 100

58 31.9 25.8 38.8





#17

Carbon Disulfide

Concen: 21.33 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

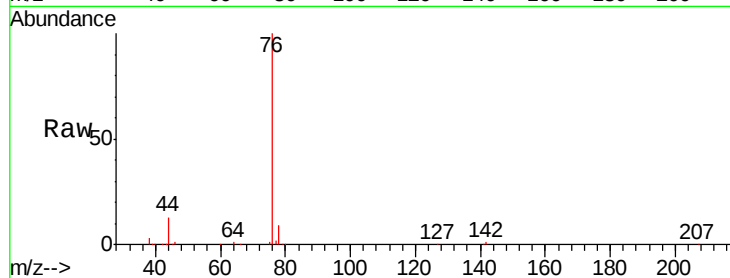
VW1102SBSD01

Tgt Ion: 76 Resp: 148012

Ion Ratio Lower Upper

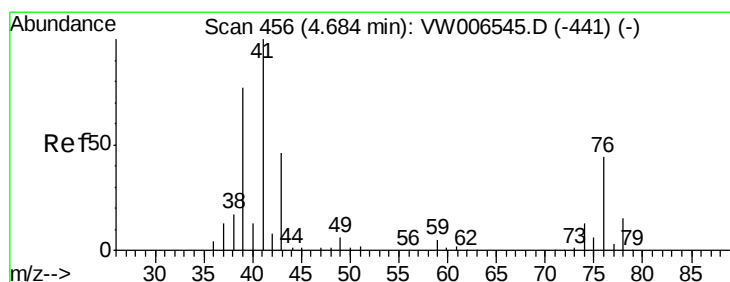
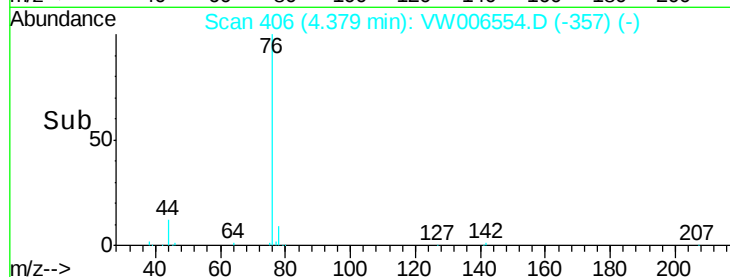
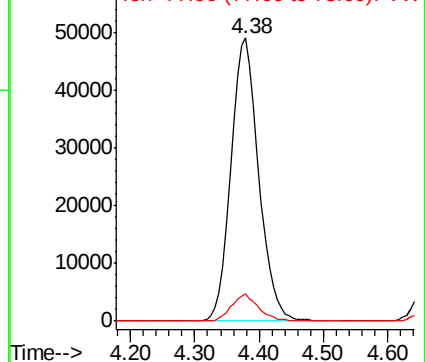
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.49 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006554.D

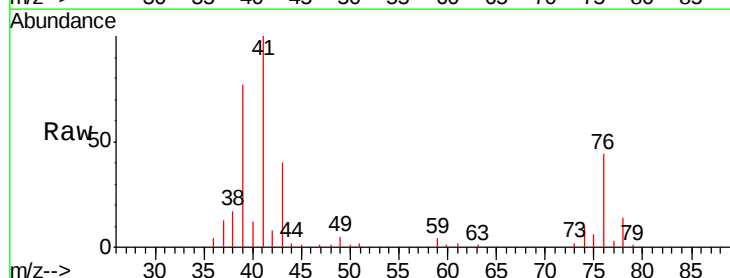
Acq: 01 Nov 2018 13:05

Tgt Ion: 43 Resp: 22051

Ion Ratio Lower Upper

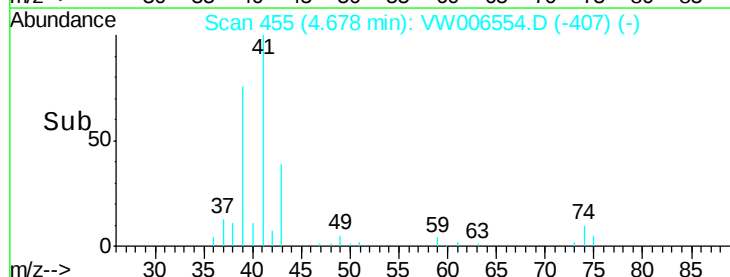
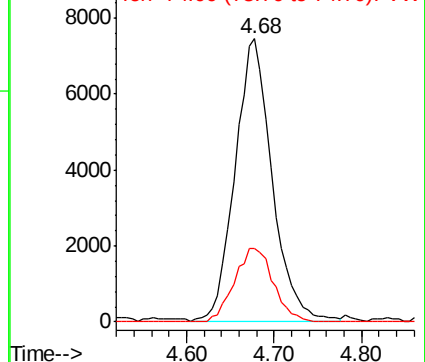
43 100

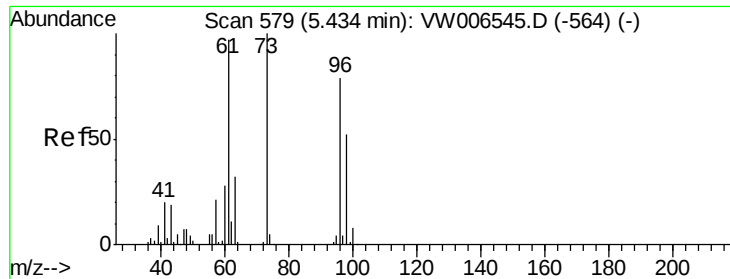
74 27.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

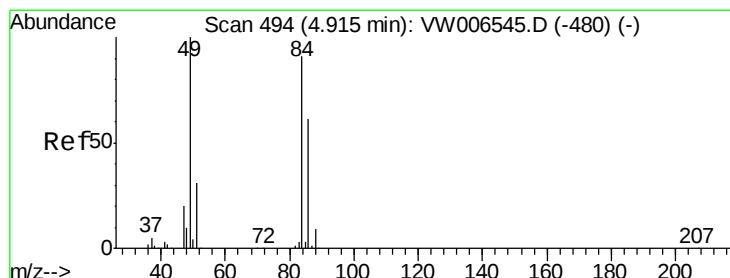
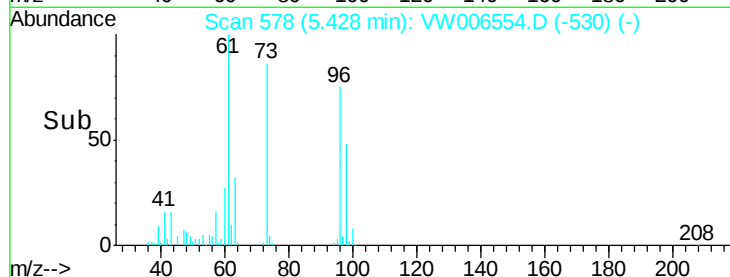
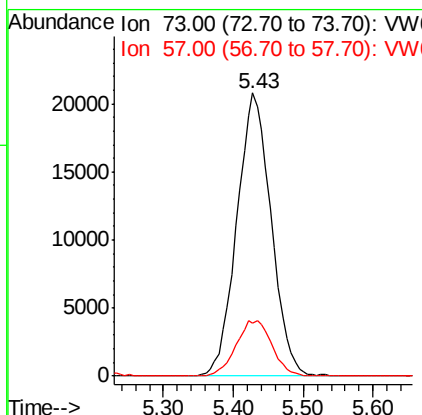
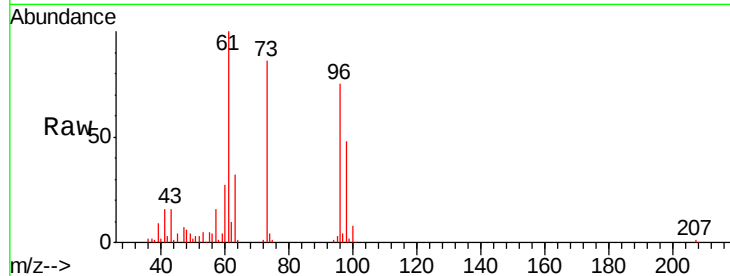




#19
Methyl tert-butyl Ether
Concen: 19.48 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

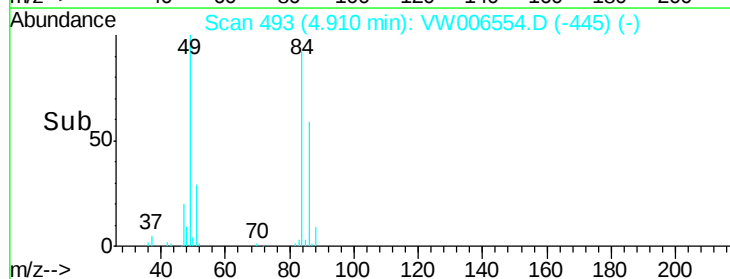
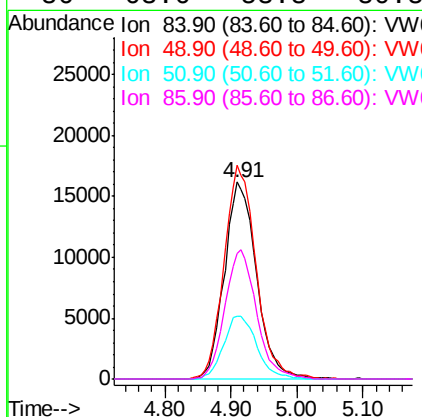
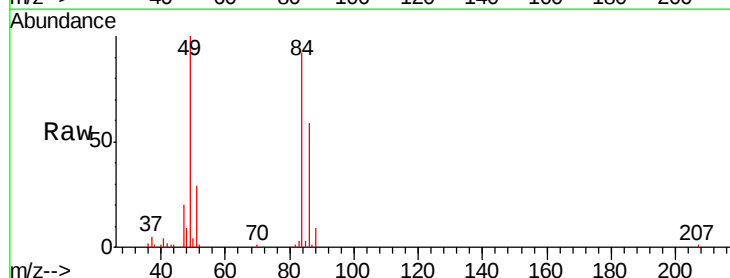
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

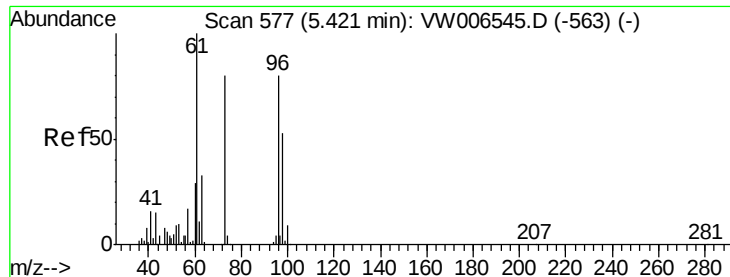
Tgt Ion: 73 Resp: 70711
Ion Ratio Lower Upper
73 100
57 18.9 16.7 25.1



#20
Methylene Chloride
Concen: 16.19 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 84 Resp: 54370
Ion Ratio Lower Upper
84 100
49 108.5 88.2 132.4
51 31.9 27.0 40.6
86 63.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.44 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

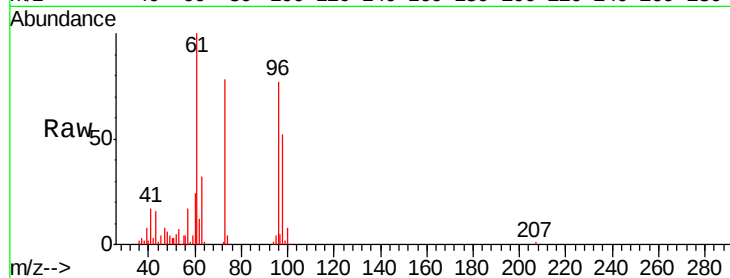
Tgt Ion: 96 Resp: 56403

Ion Ratio Lower Upper

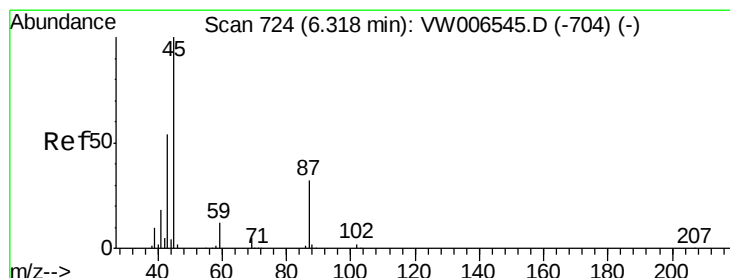
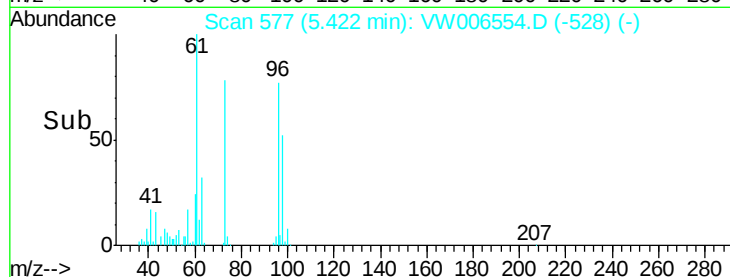
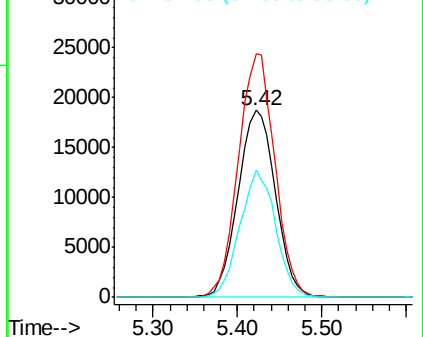
96 100

61 130.4 100.6 150.8

98 67.9 52.9 79.3



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



#22

Diisopropyl ether

Concen: 19.61 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion: 45 Resp: 130111

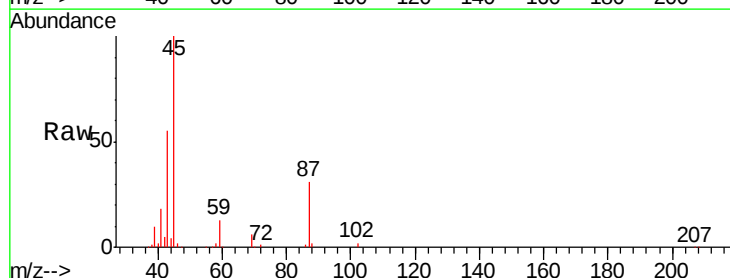
Ion Ratio Lower Upper

45 100

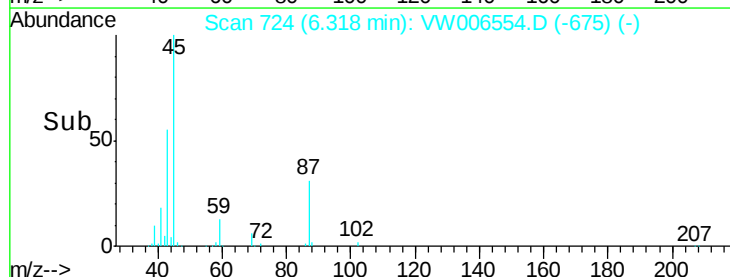
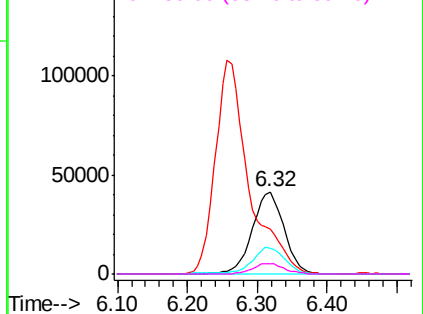
43 54.2 43.6 65.4

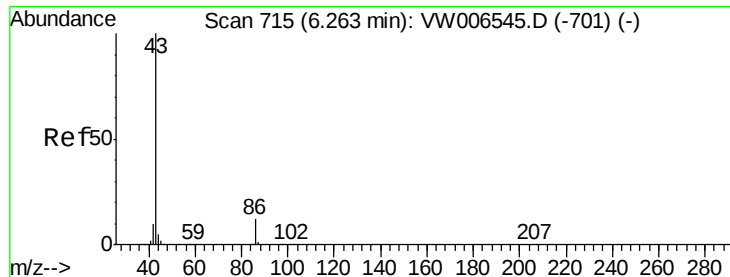
87 31.2 26.3 39.5

59 12.5 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

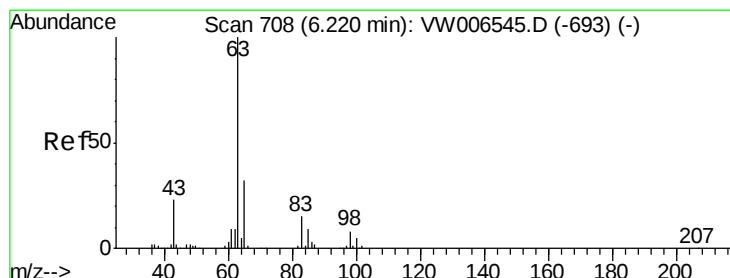
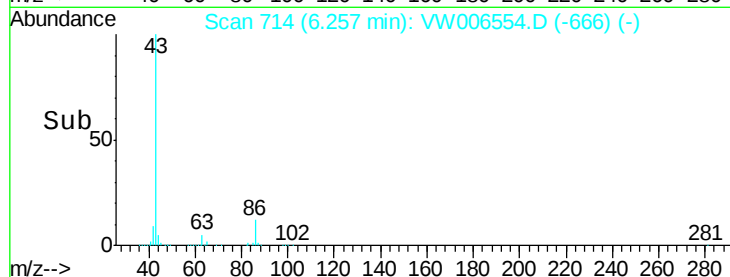
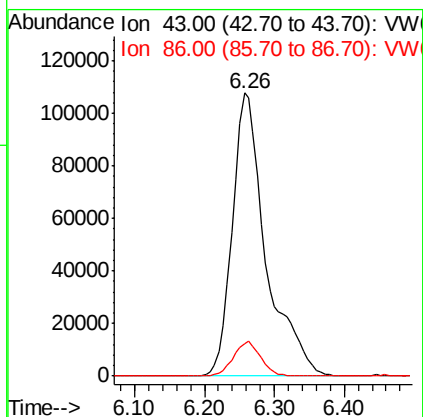
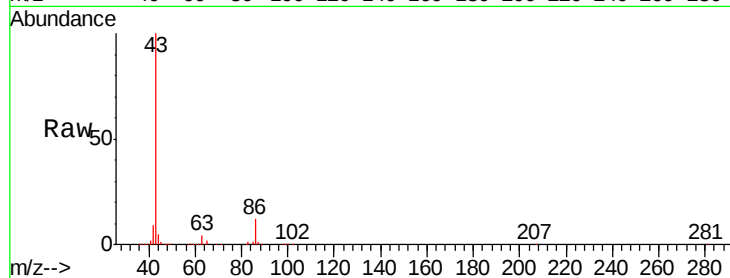




#23
 Vinyl Acetate
 Concen: 97.89 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

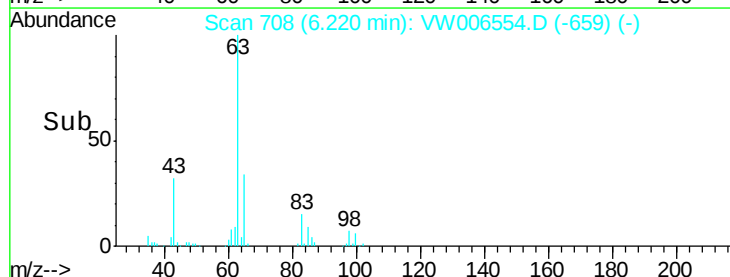
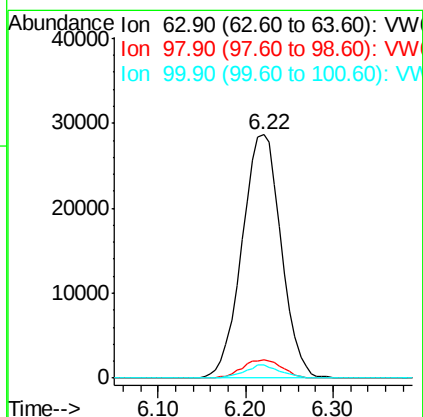
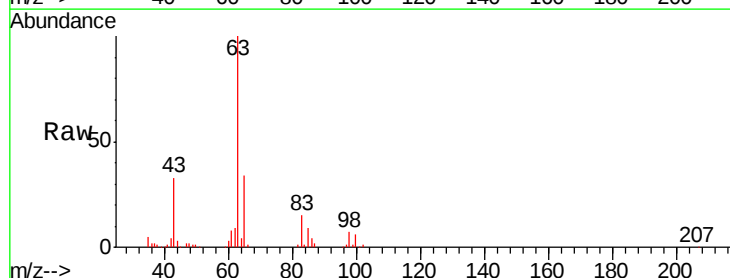
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

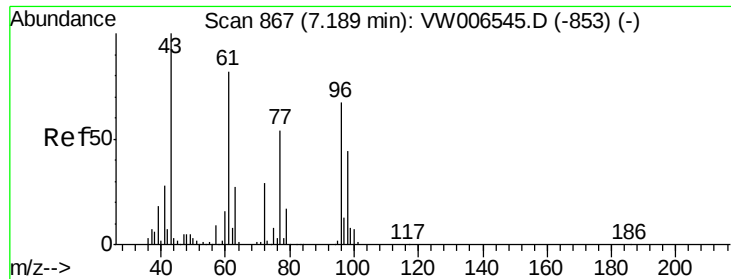
Tgt Ion: 43 Resp: 360157
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 19.84 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 63 Resp: 89221
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 106.89 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

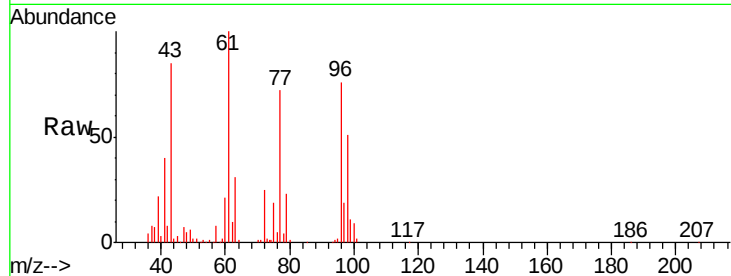
VW1102SBS01

Tgt Ion: 43 Resp: 63273

Ion Ratio Lower Upper

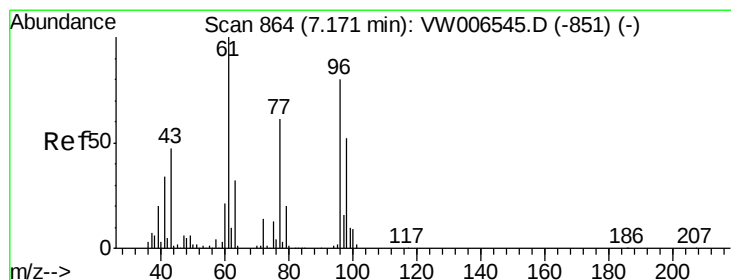
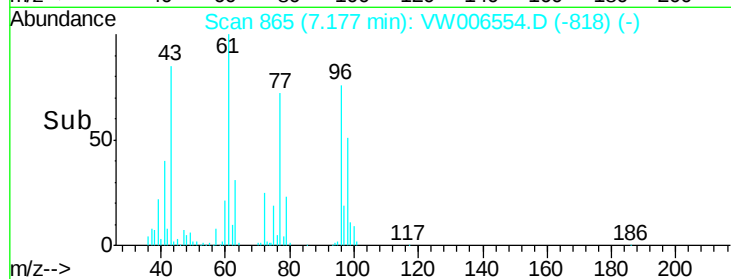
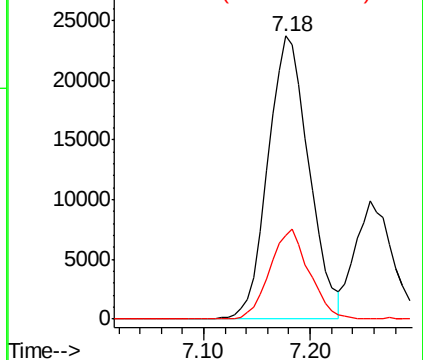
43 100

72 29.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 22.91 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006554.D

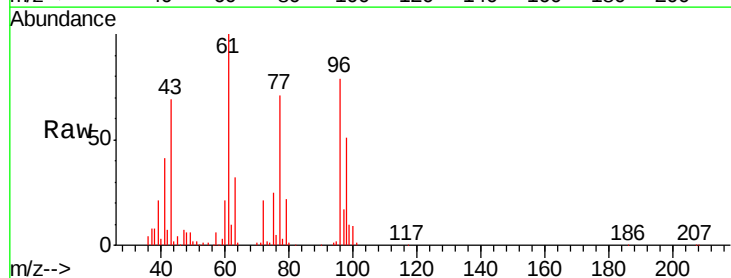
Acq: 01 Nov 2018 13:05

Tgt Ion: 77 Resp: 62045

Ion Ratio Lower Upper

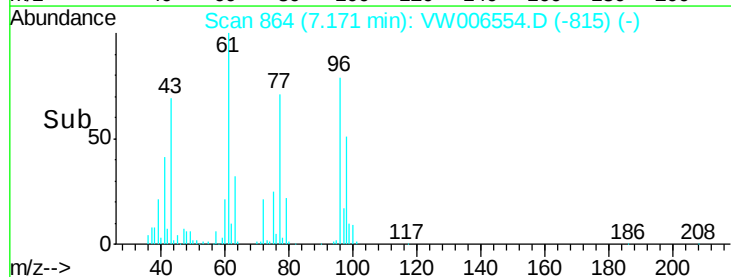
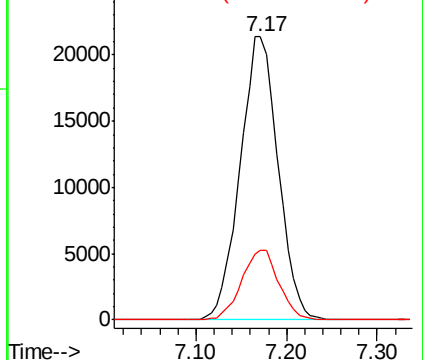
77 100

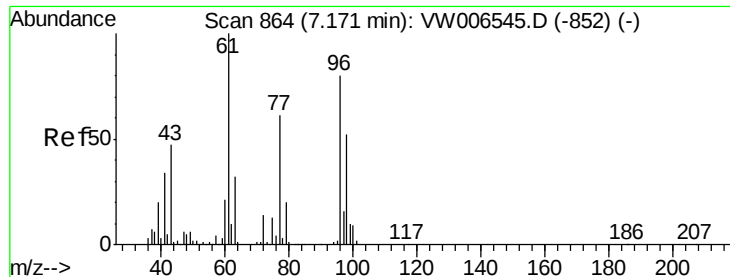
97 24.0 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



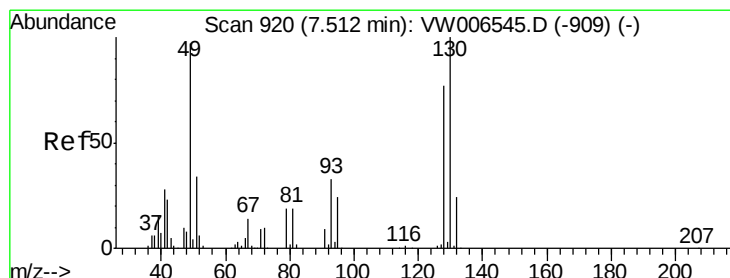
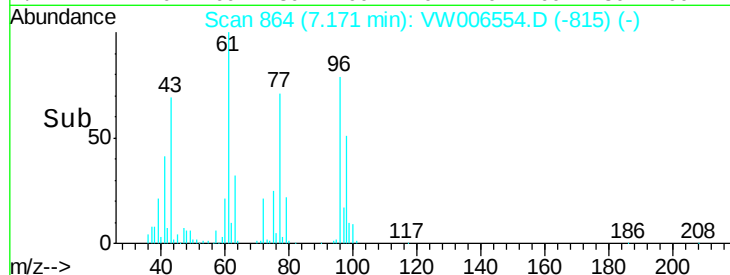
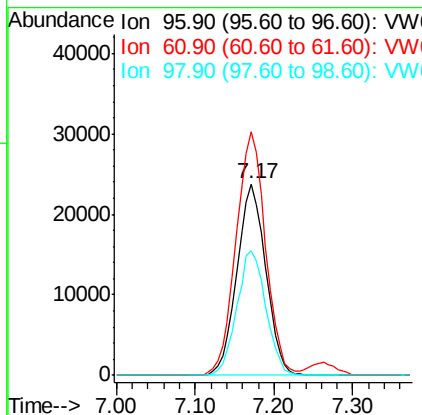
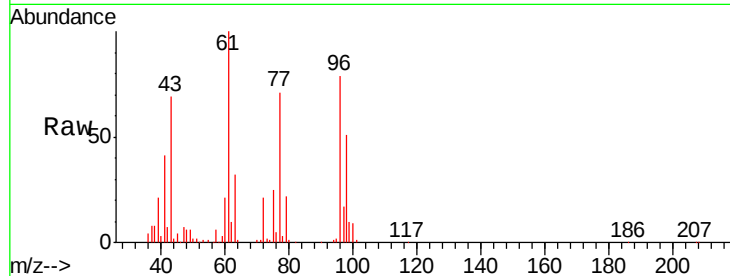


#27

cis-1,2-Dichloroethene
 Concen: 19.70 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

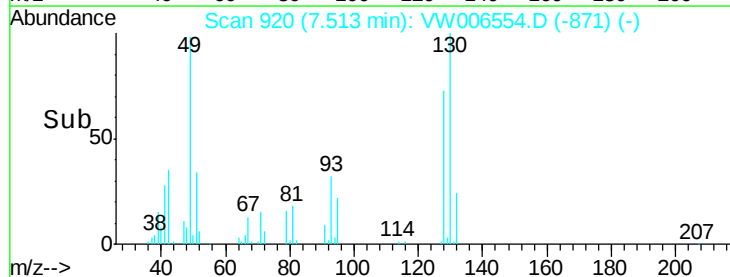
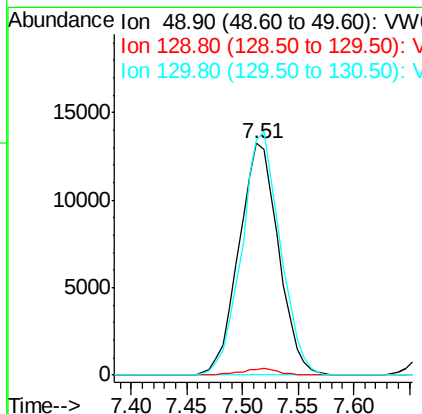
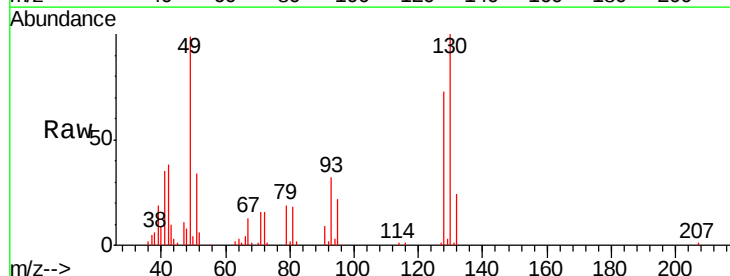
Tgt Ion: 96 Resp: 60812
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 254.2
 98 65.0 0.0 129.6

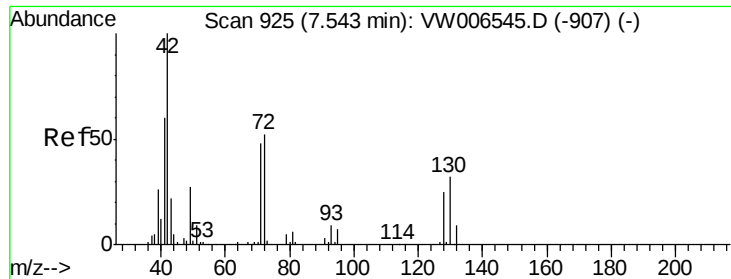


#28

Bromochloromethane
 Concen: 18.34 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 49 Resp: 32742
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 101.9 82.2 123.2

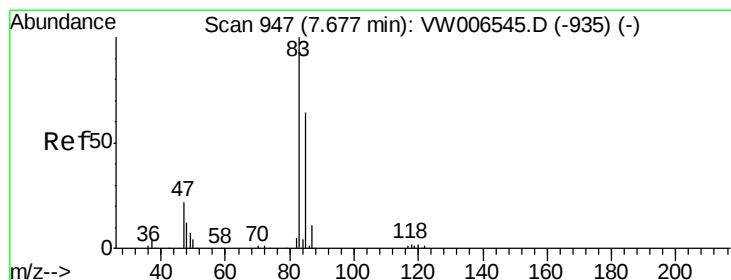
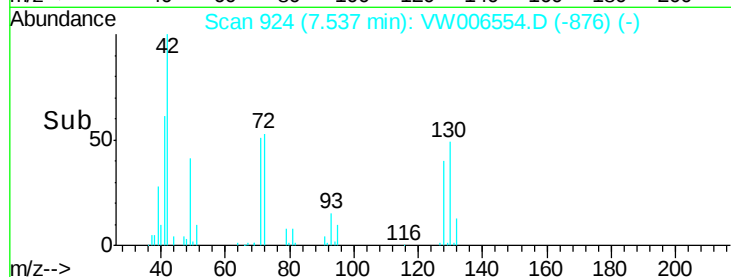
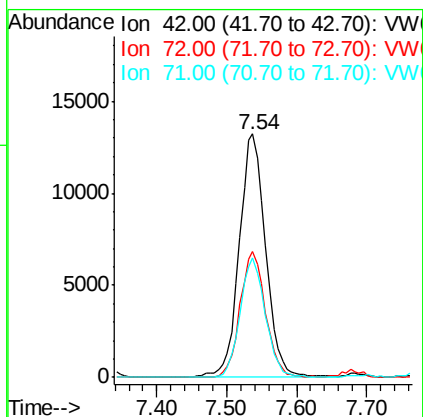
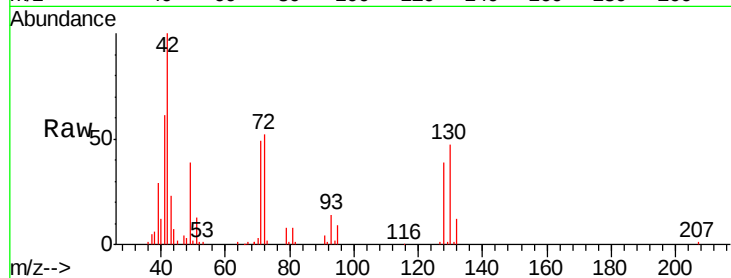




#29
Tetrahydrofuran
Concen: 93.28 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

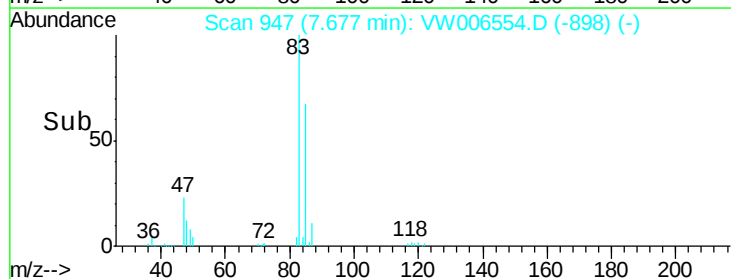
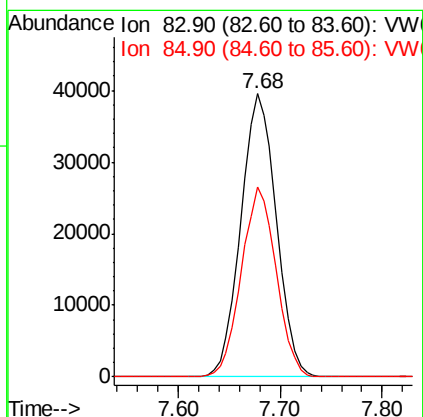
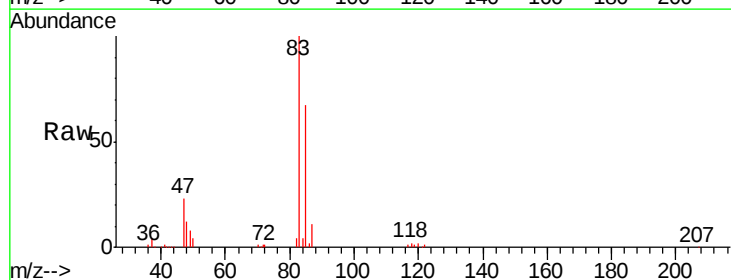
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

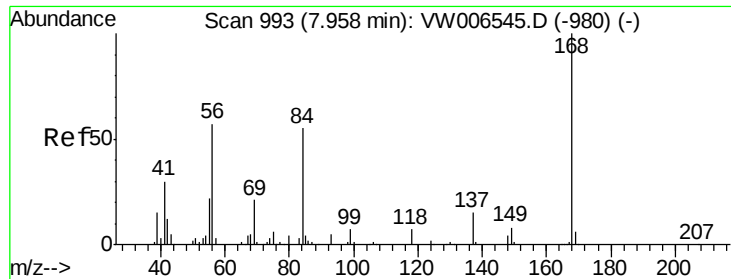
Tgt Ion: 42 Resp: 34727
Ion Ratio Lower Upper
42 100
72 49.5 39.2 58.8
71 46.8 37.6 56.4



#30
Chloroform
Concen: 19.39 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 83 Resp: 95614
Ion Ratio Lower Upper
83 100
85 67.1 51.3 76.9

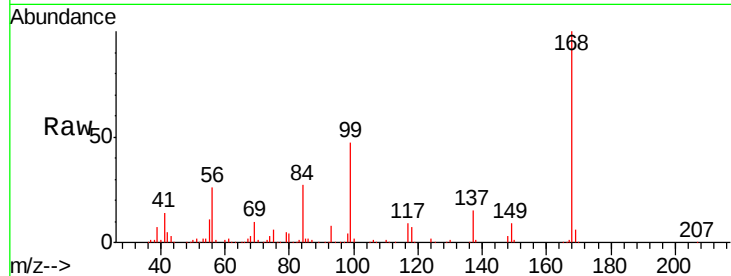




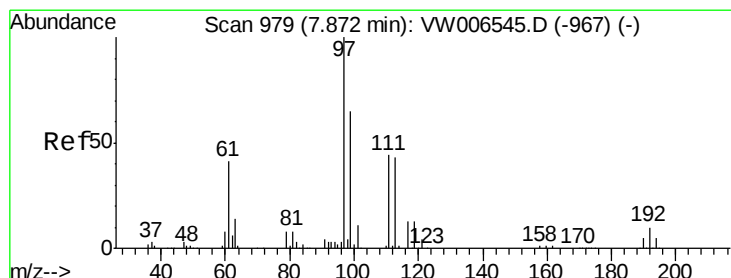
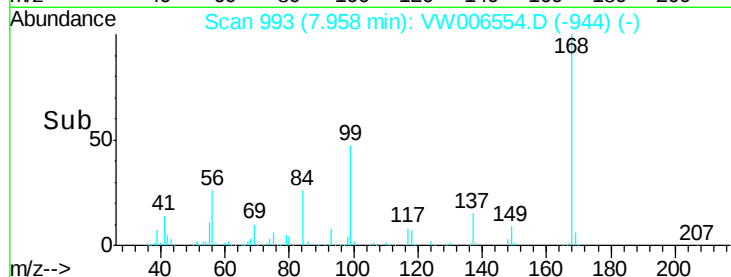
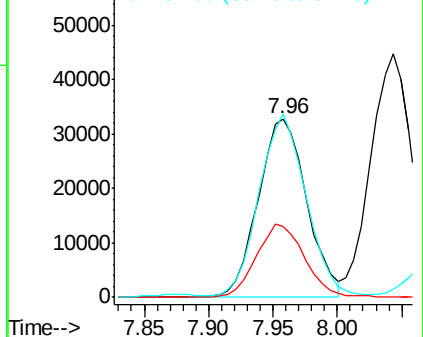
#31
Cyclohexane
Concen: 20.95 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tgt Ion: 56 Resp: 85745
Ion Ratio Lower Upper
56 100
69 39.9 29.0 43.4
84 101.3 77.8 116.6

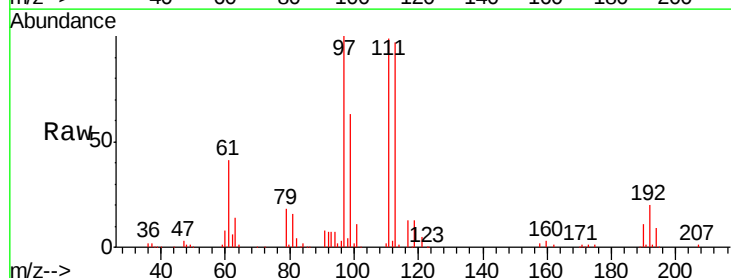


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

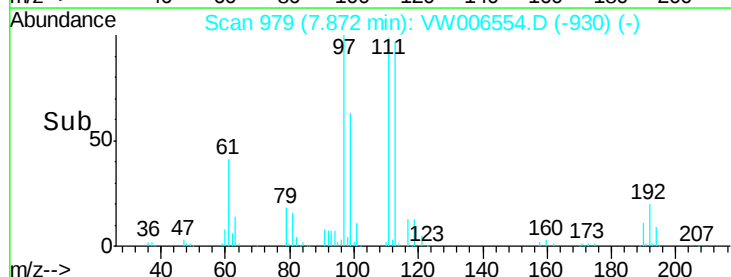
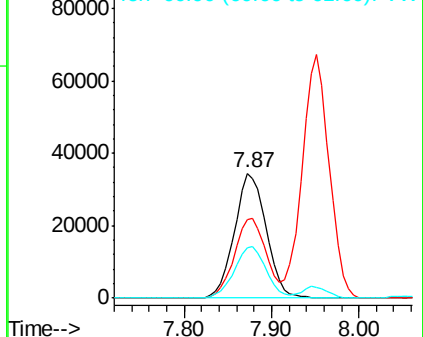


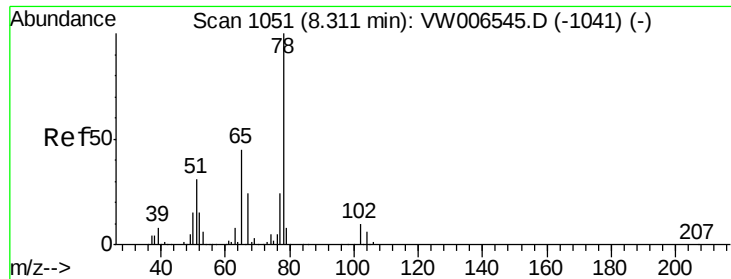
#32
1,1,1-Trichloroethane
Concen: 20.84 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 97 Resp: 86952
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 41.1 32.9 49.3



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: 45.70 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

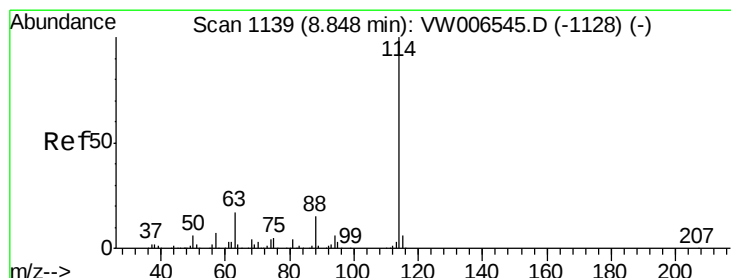
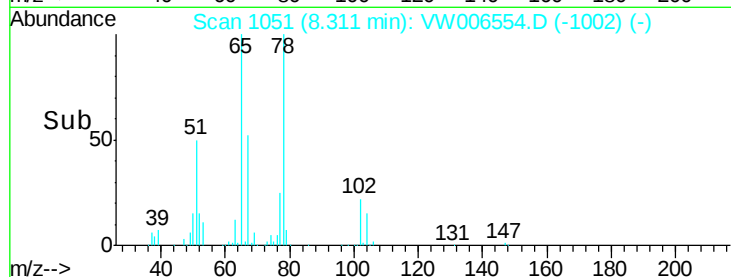
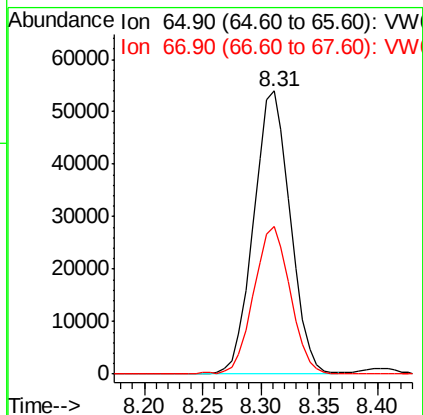
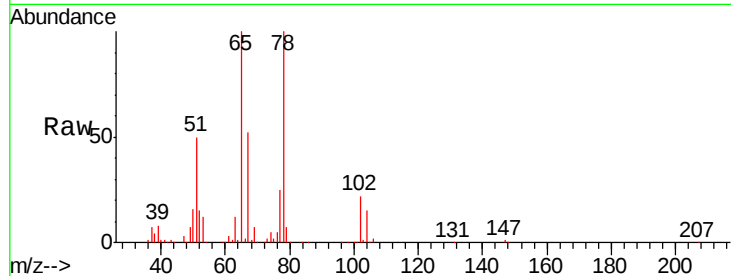
VW1102SBSD01

Tgt Ion: 65 Resp: 117408

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

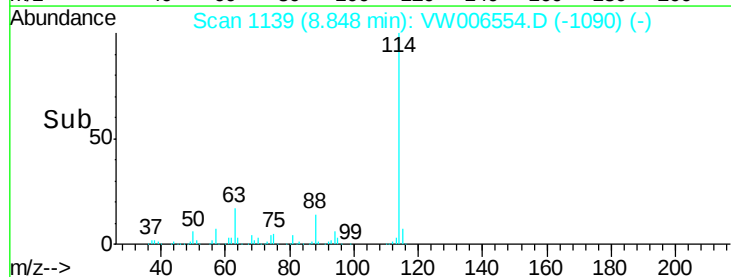
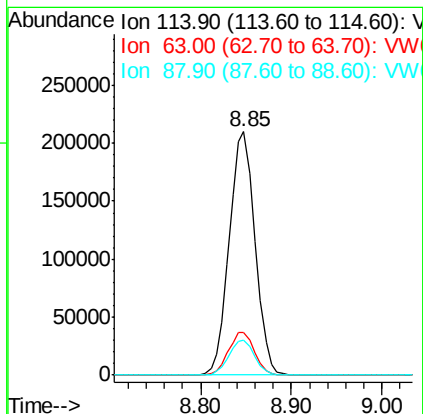
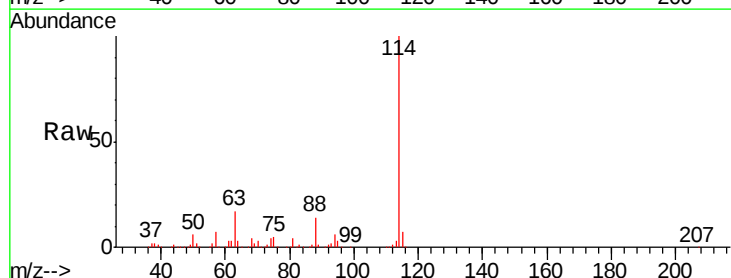
Tgt Ion: 114 Resp: 413155

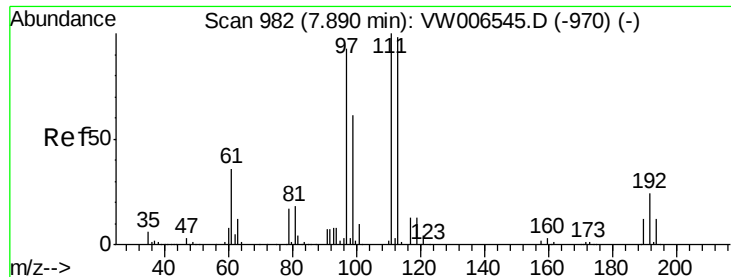
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.4 0.0 29.0

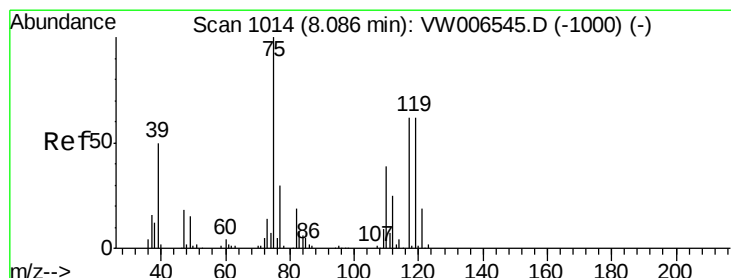
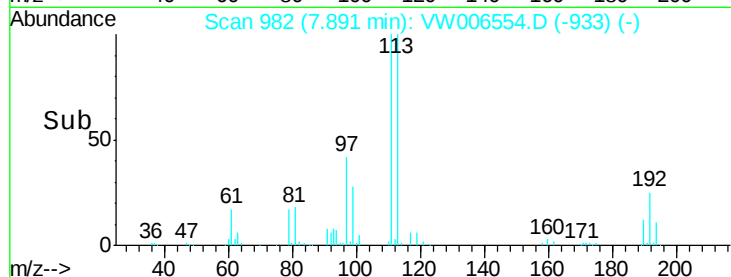
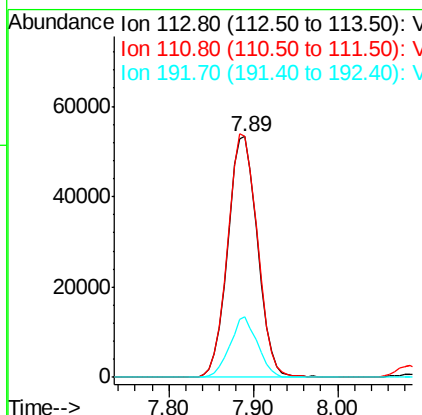
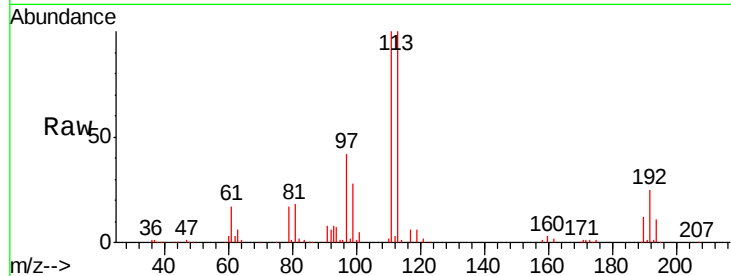




#35
 Dibromofluoromethane
 Concen: 48.98 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

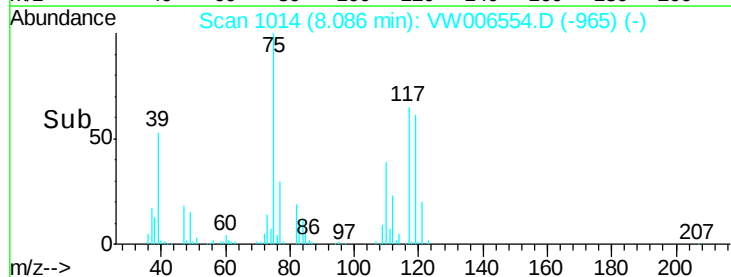
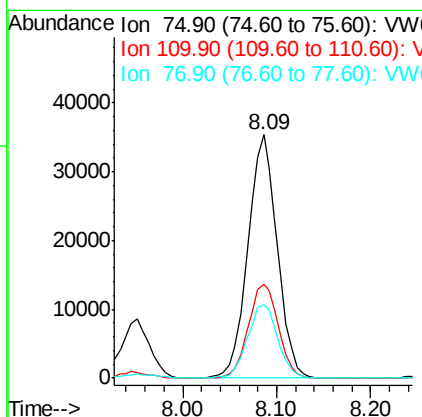
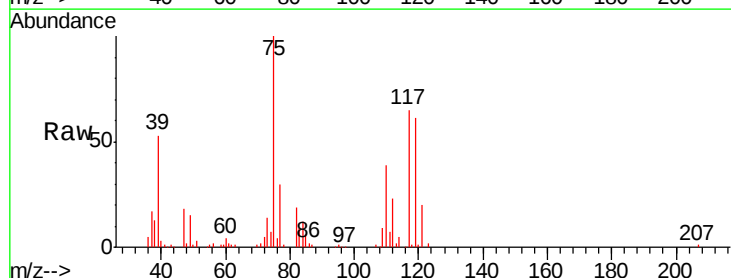
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

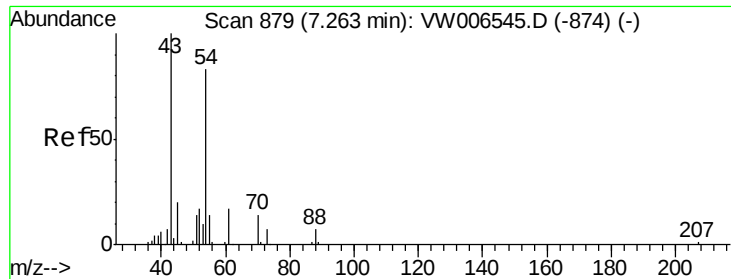
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	23.3	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 21.28 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.5	58.5
77	31.2	24.6	37.0

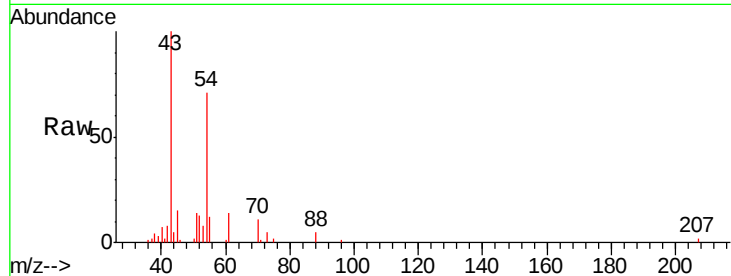




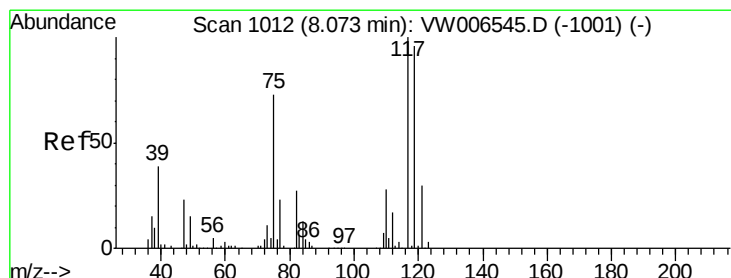
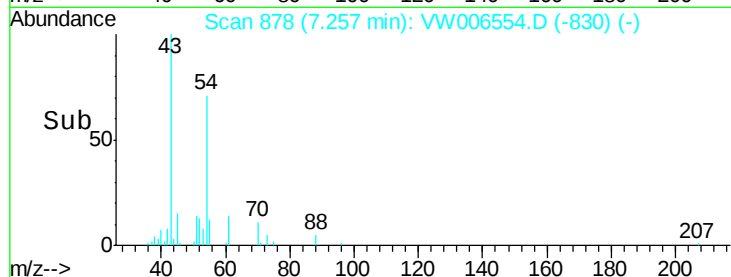
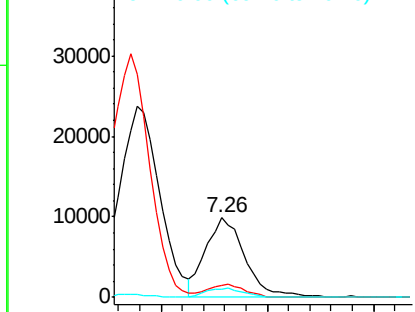
#37
Ethyl Acetate
Concen: 19.58 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tgt Ion: 43 Resp: 24648
Ion Ratio Lower Upper
43 100
61 16.2 12.1 18.1
70 11.7 9.8 14.6

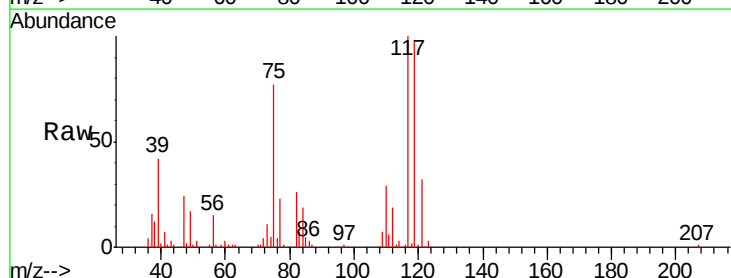


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

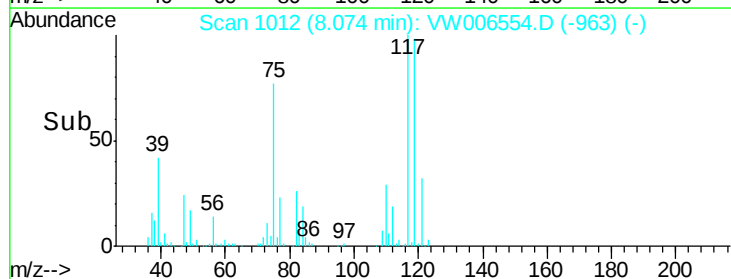
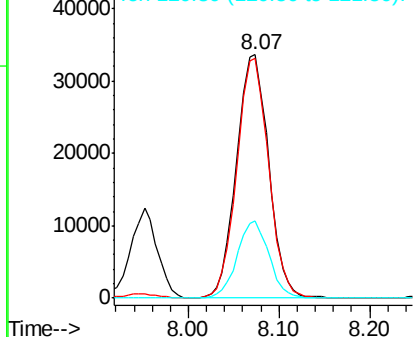


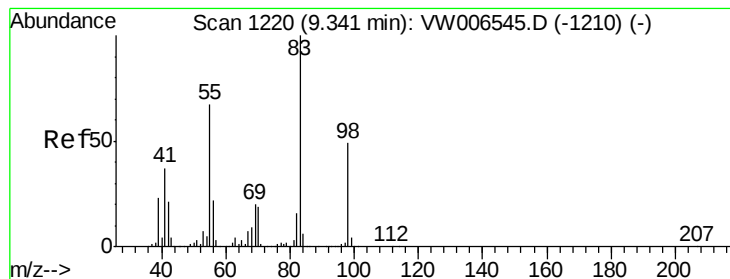
#38
Carbon Tetrachloride
Concen: 21.92 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 117 Resp: 83216
Ion Ratio Lower Upper
117 100
119 98.5 76.3 114.5
121 31.8 24.1 36.1



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

Methylcyclohexane

Concen: 22.29 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

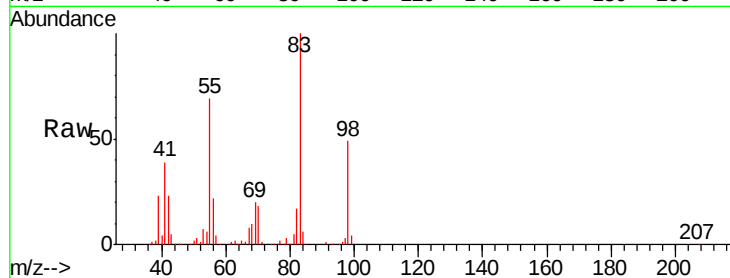
Tgt Ion: 83 Resp: 102772

Ion Ratio Lower Upper

83 100

55 68.8 53.7 80.5

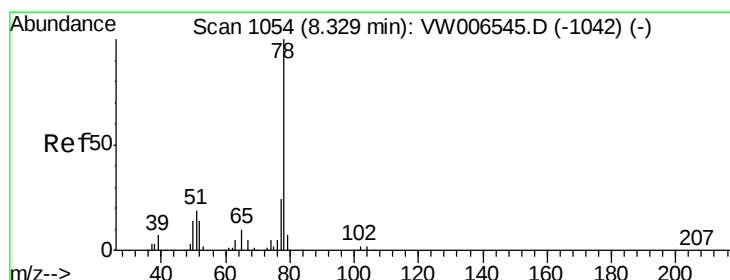
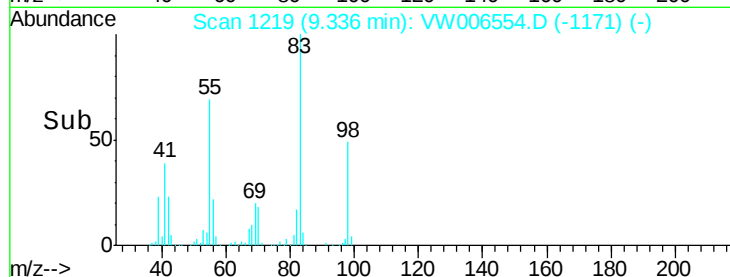
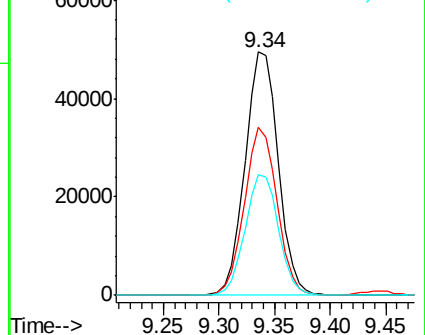
98 49.4 39.2 58.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.83 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006554.D

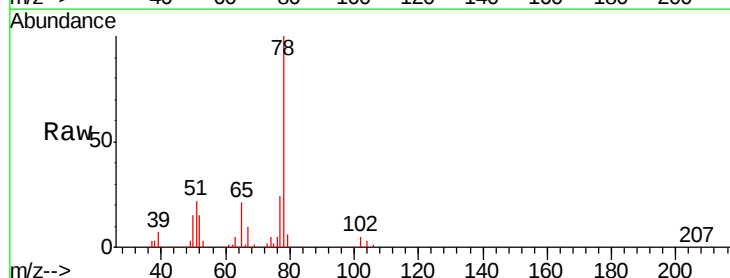
Acq: 01 Nov 2018 13:05

Tgt Ion: 78 Resp: 214919

Ion Ratio Lower Upper

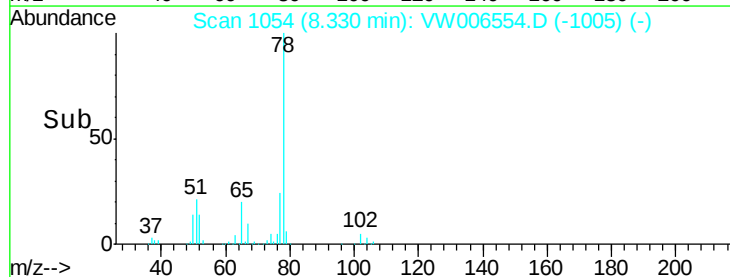
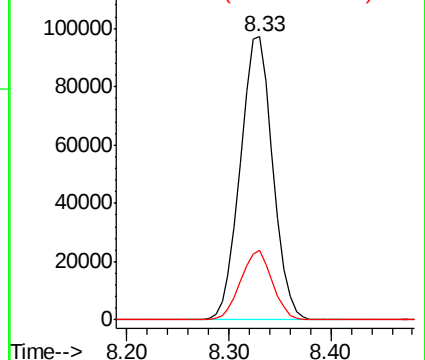
78 100

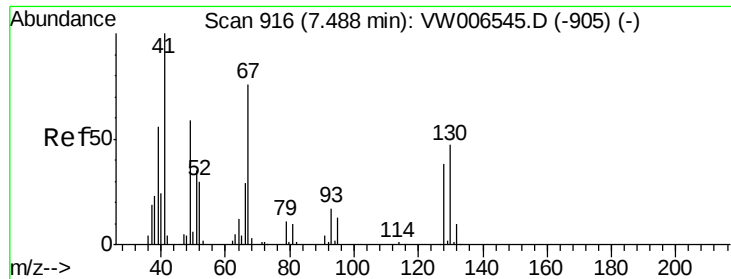
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

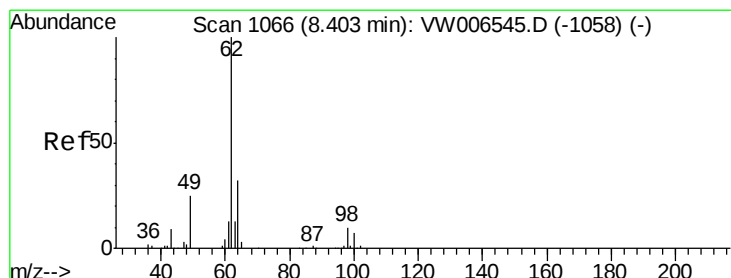
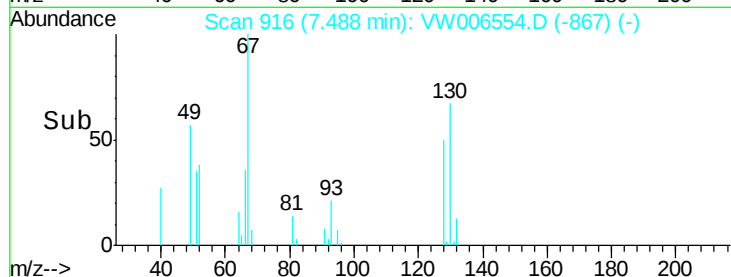
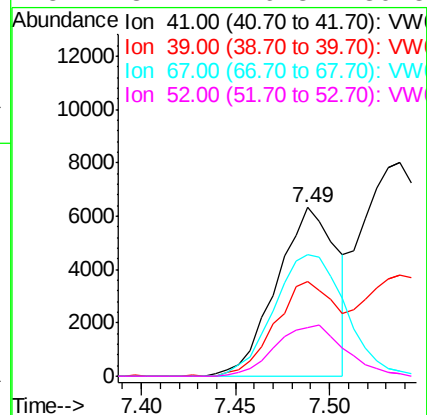
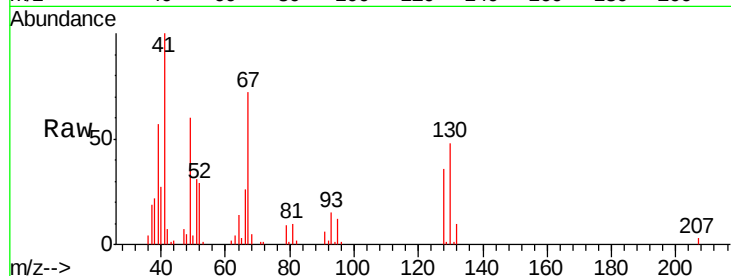




#41
Methacrylonitrile
Concen: 18.22 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

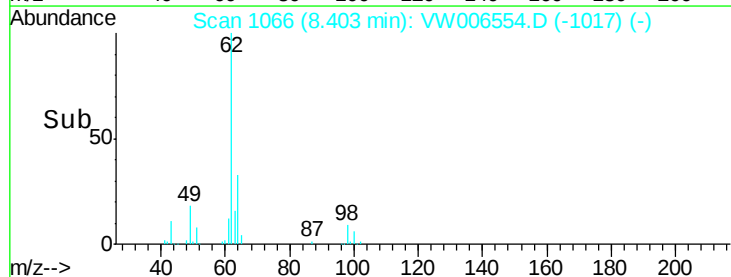
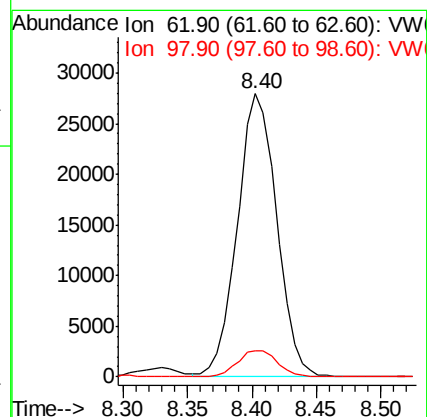
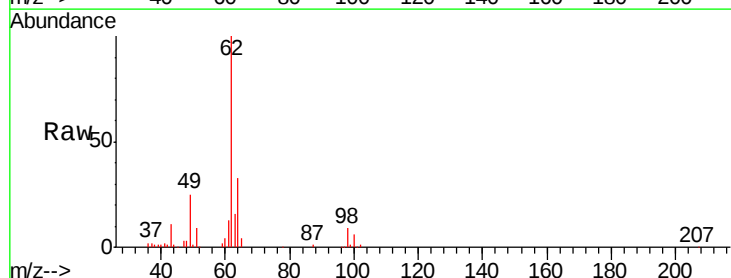
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

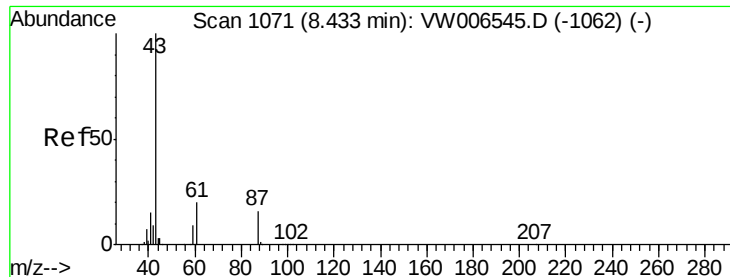
Tgt Ion:	41	Resp:	14065
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.5	66.7
67	85.6	63.8	95.8
52	34.7	26.3	39.5



#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion:	62	Resp:	59302
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.79 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

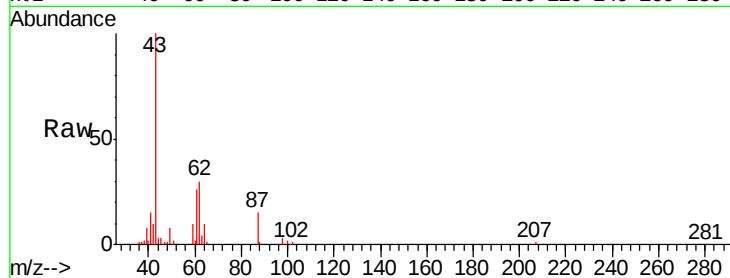
Tgt Ion: 43 Resp: 49716

Ion Ratio Lower Upper

43 100

61 34.2 27.2 40.8

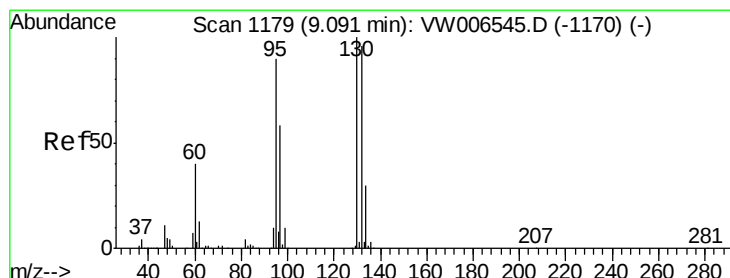
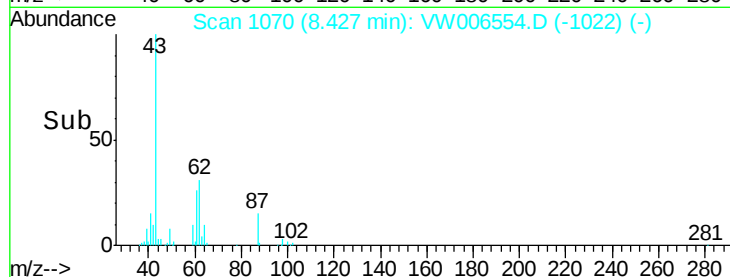
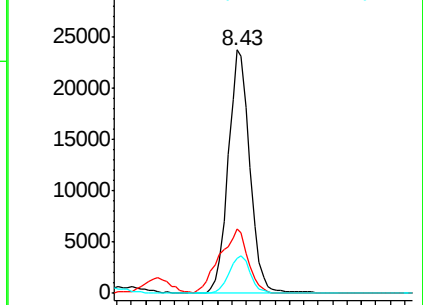
87 15.0 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.97 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006554.D

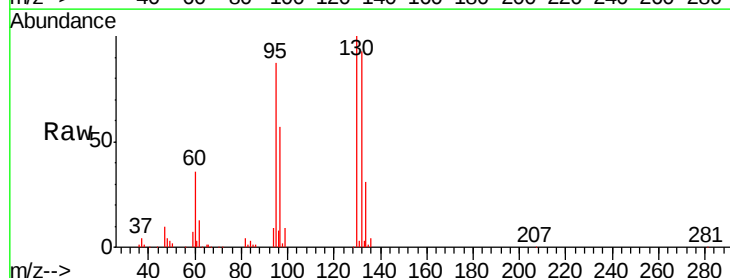
Acq: 01 Nov 2018 13:05

Tgt Ion: 130 Resp: 66769

Ion Ratio Lower Upper

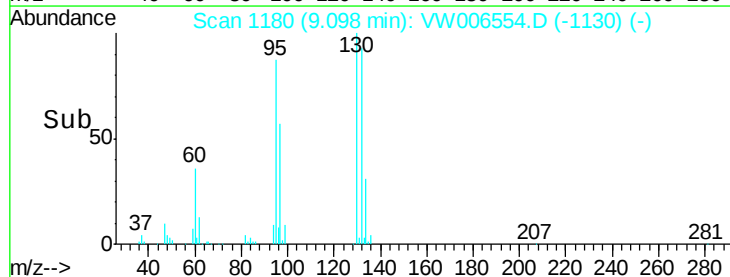
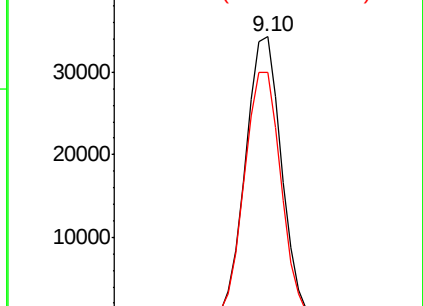
130 100

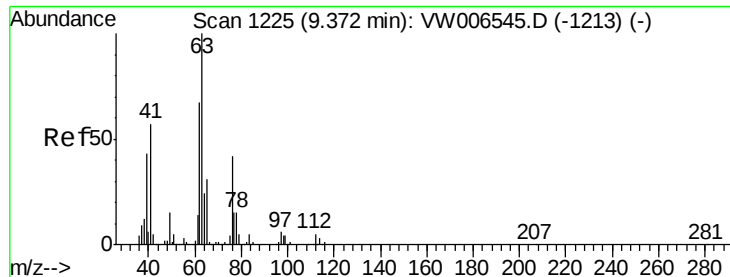
95 87.4 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

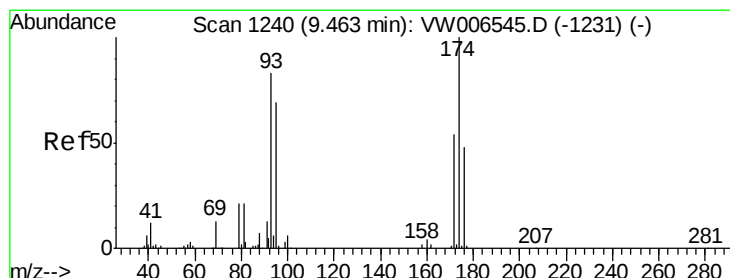
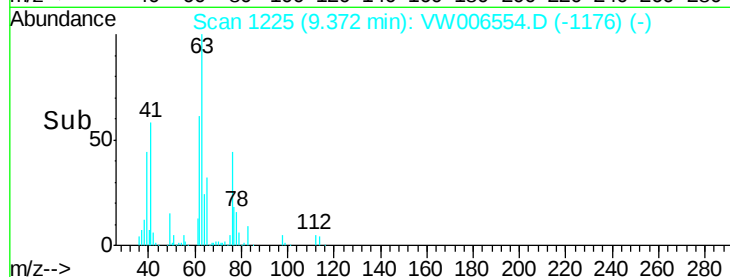
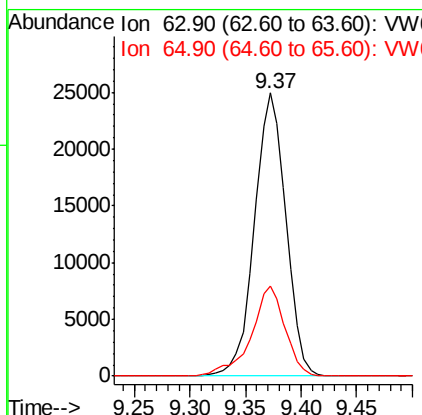
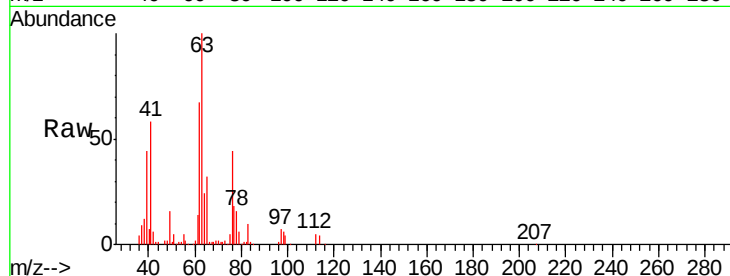




#45
 1,2-Dichloropropane
 Concen: 20.48 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

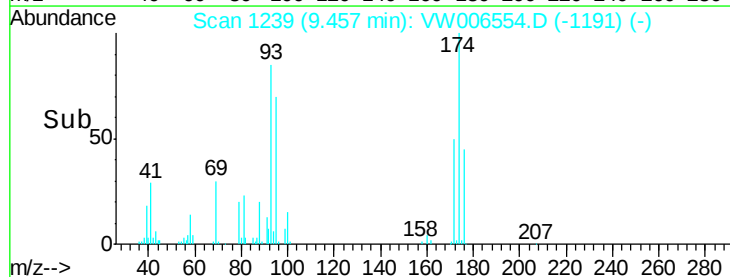
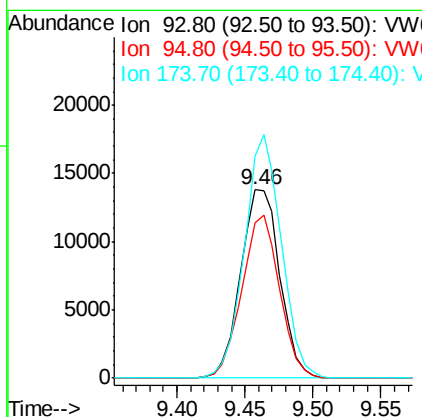
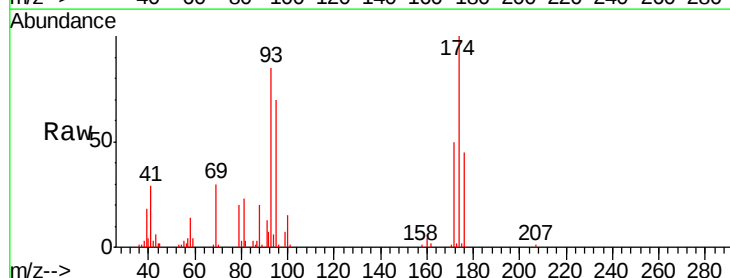
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

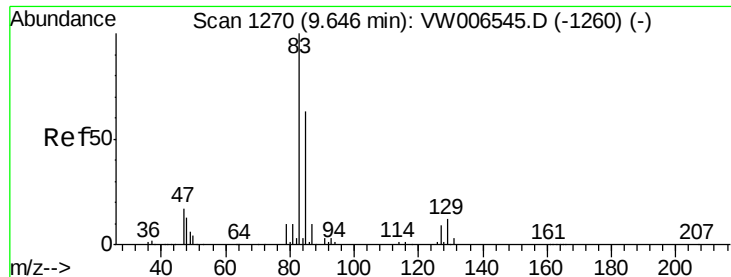
Tgt Ion: 63 Resp: 49197
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7



#46
 Dibromomethane
 Concen: 19.74 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 93 Resp: 27867
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 121.9 97.3 145.9





#47

Bromodichloromethane

Concen: 20.11 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

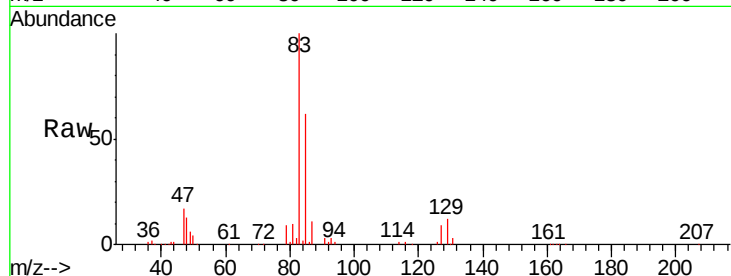
Tgt Ion: 83 Resp: 65934

Ion Ratio Lower Upper

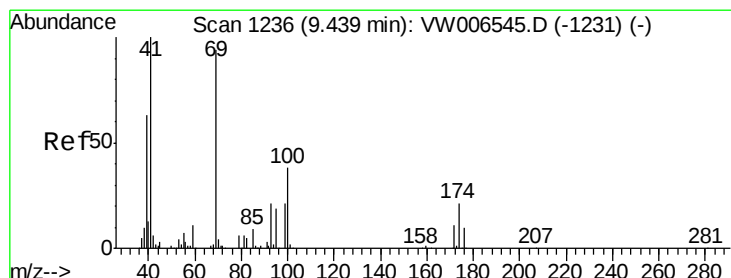
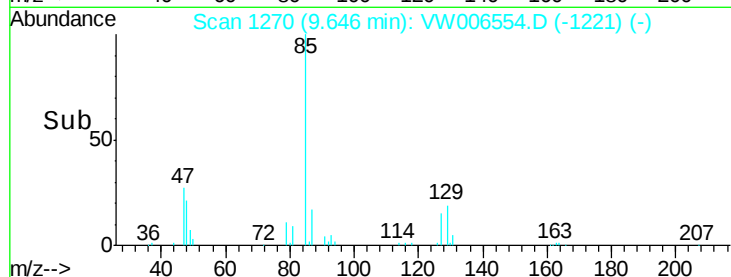
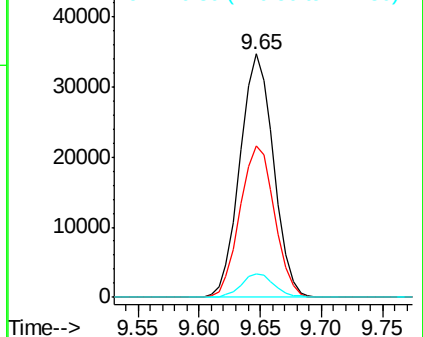
83 100

85 62.0 50.6 75.8

127 9.5 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.62 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

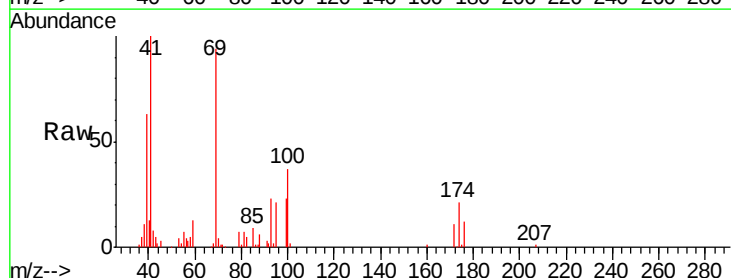
Tgt Ion: 41 Resp: 23751

Ion Ratio Lower Upper

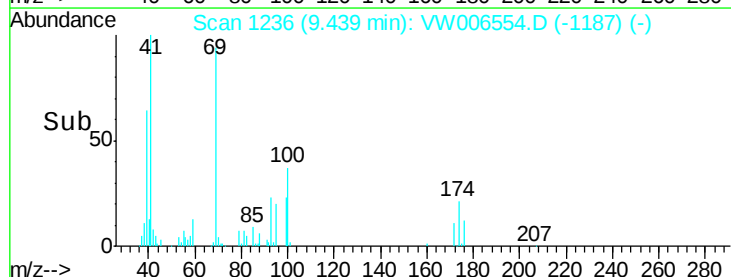
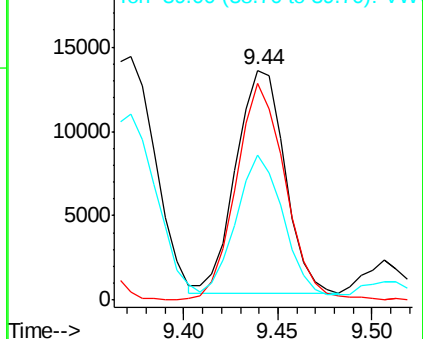
41 100

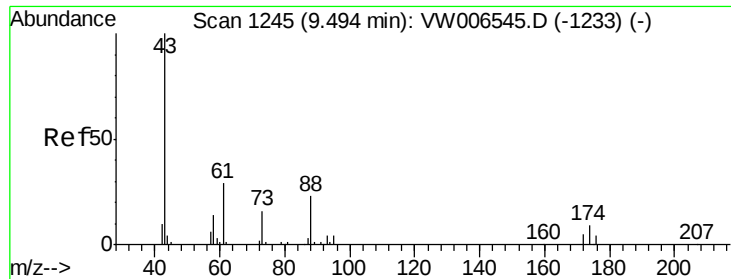
69 98.2 77.8 116.8

39 59.6 48.7 73.1



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: 414.16 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.02 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

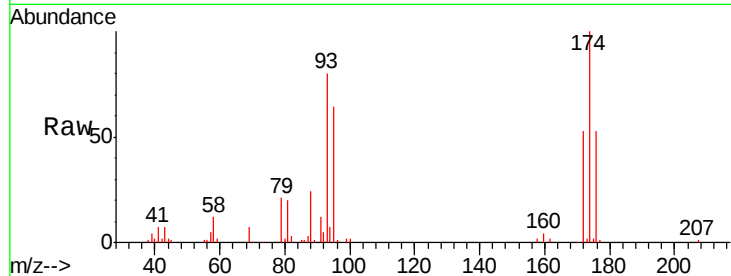
Tgt Ion: 88 Resp: 8557

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

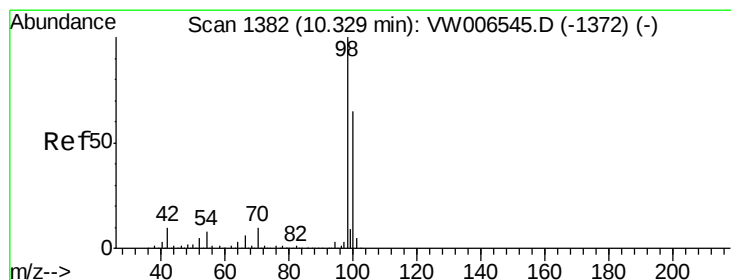
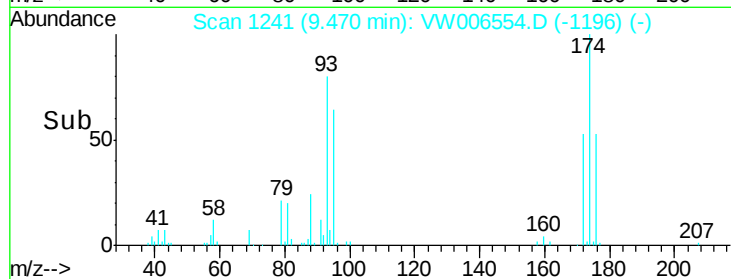
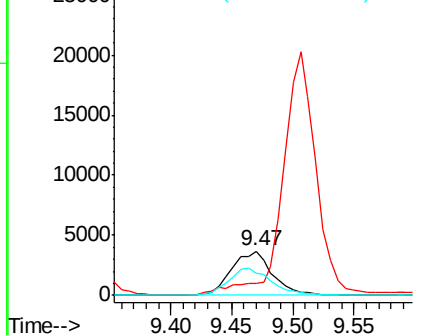
58 63.9 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.68 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006554.D

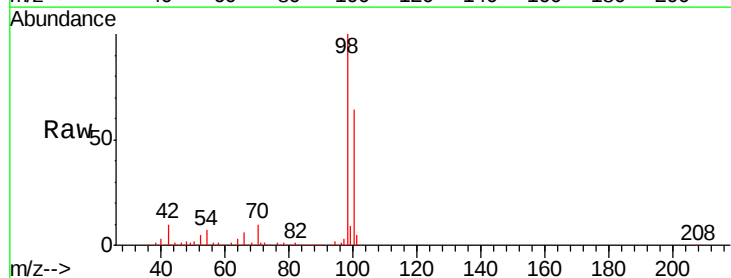
Acq: 01 Nov 2018 13:05

Tgt Ion: 98 Resp: 490341

Ion Ratio Lower Upper

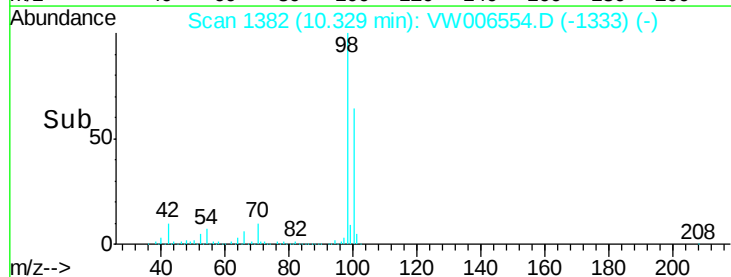
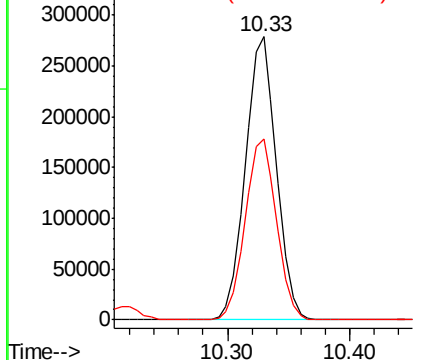
98 100

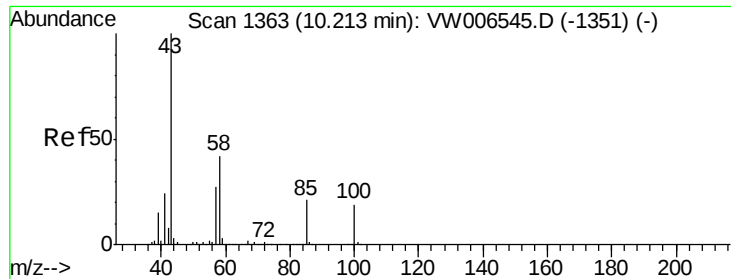
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

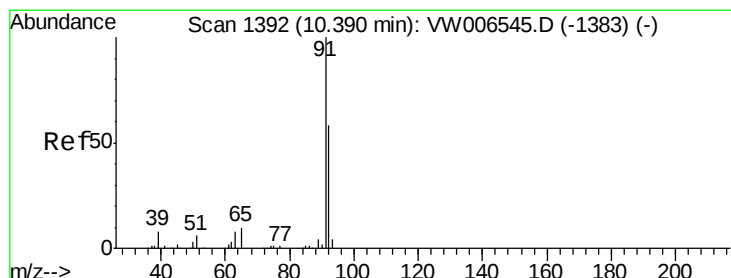
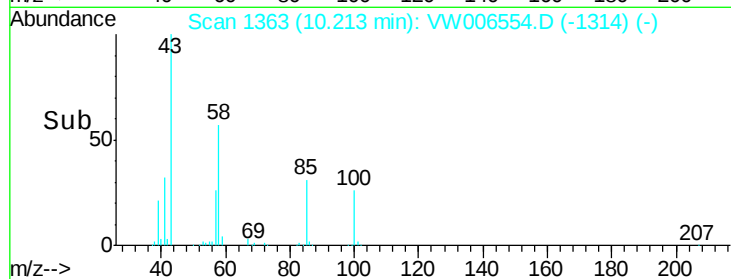
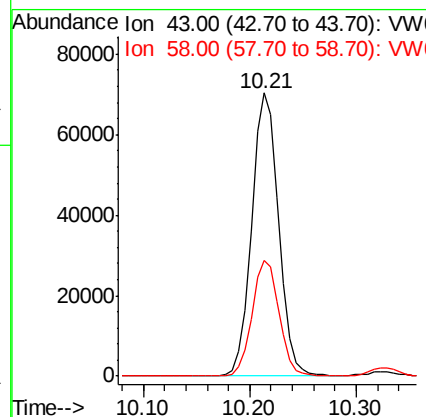
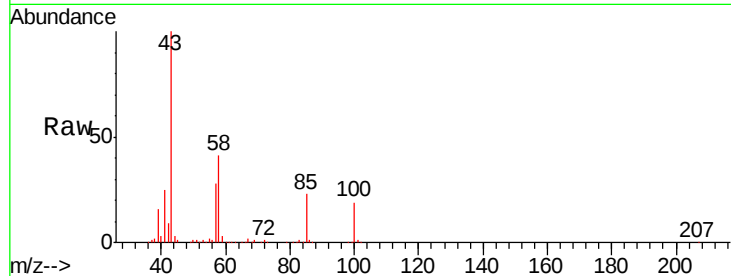




#51
 4-Methyl-2-Pentanone
 Concen: 96.60 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

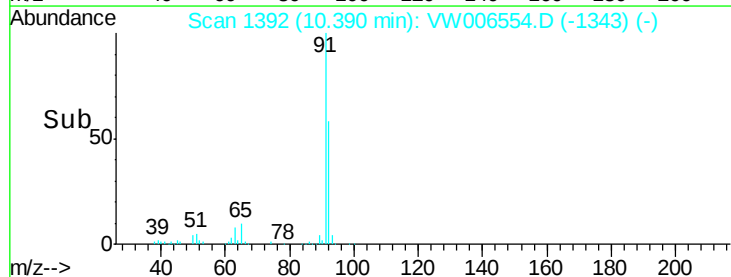
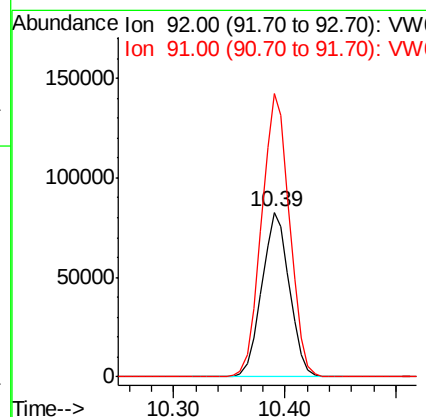
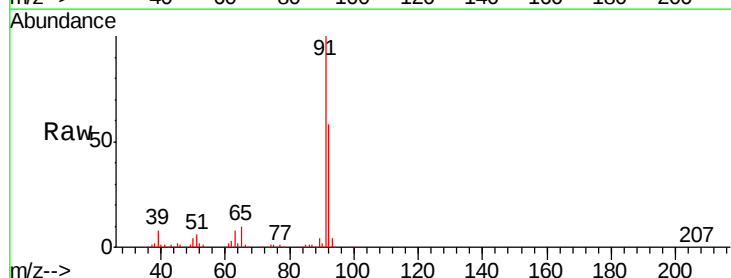
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

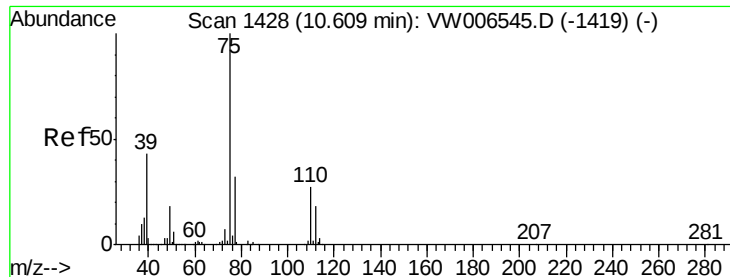
Tgt Ion: 43 Resp: 124646
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.4 50.0



#52
 Toluene
 Concen: 20.56 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 92 Resp: 142314
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.43 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

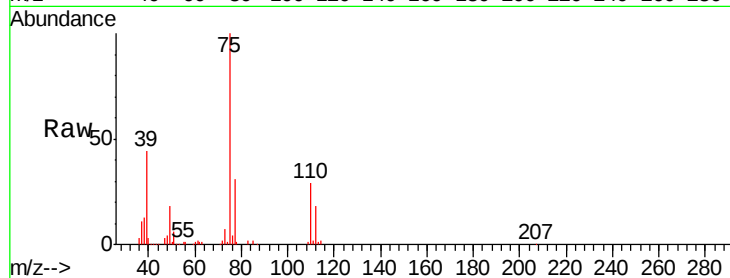
VW1102SBSD01

Tgt Ion: 75 Resp: 64448

Ion Ratio Lower Upper

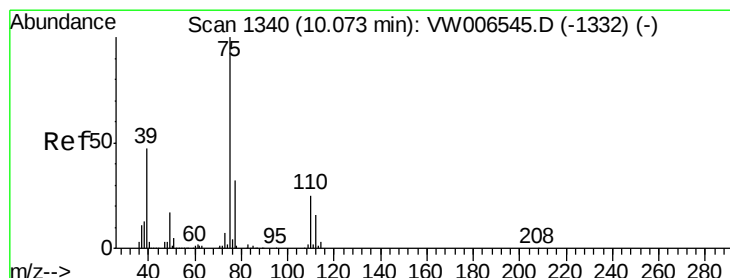
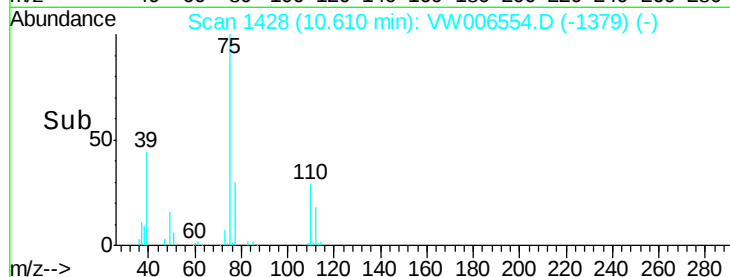
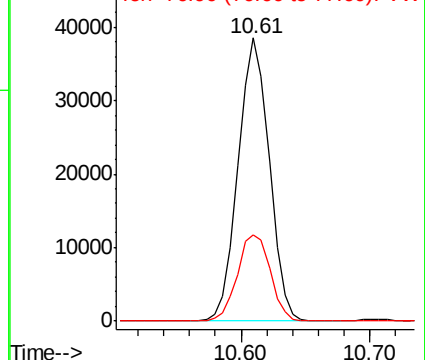
75 100

77 30.7 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.33 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

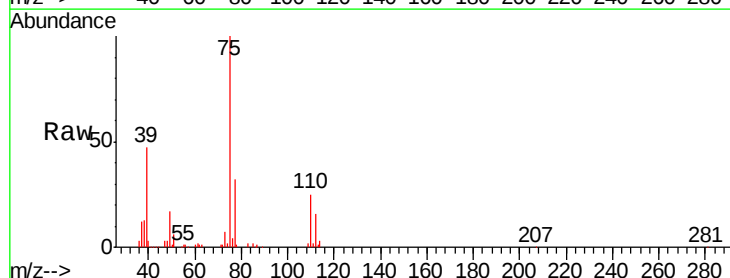
Tgt Ion: 75 Resp: 75803

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

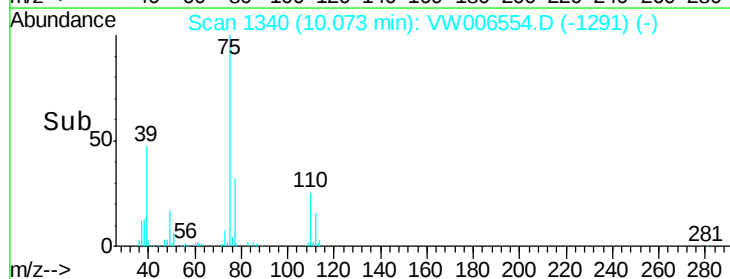
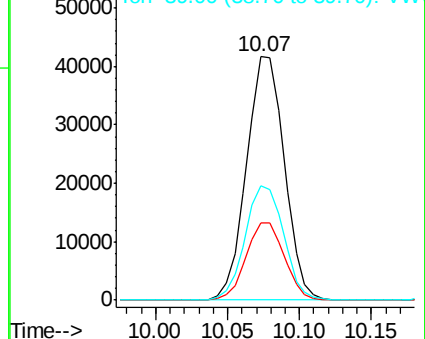
39 47.1 37.3 55.9

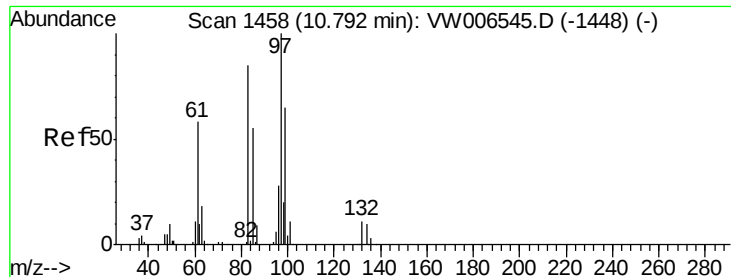


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

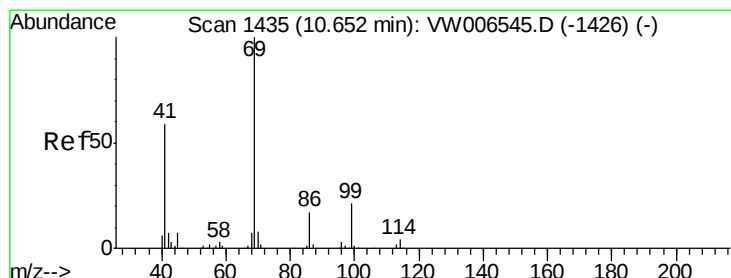
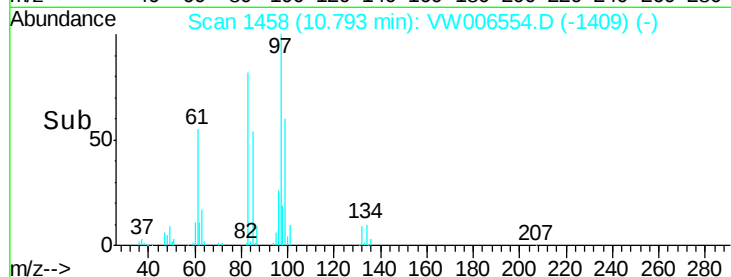
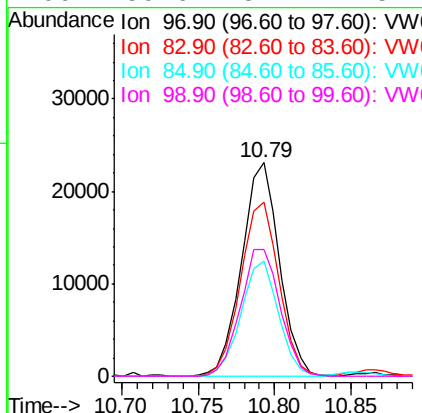
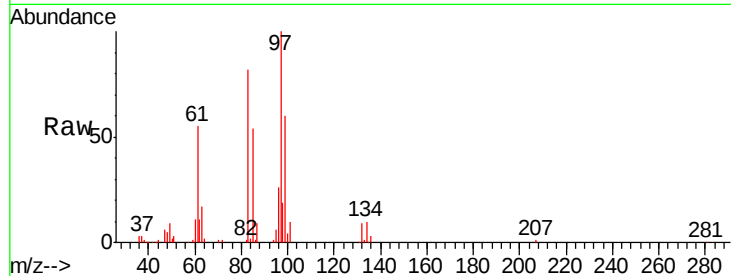




#55
 1,1,2-Trichloroethane
 Concen: 19.75 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

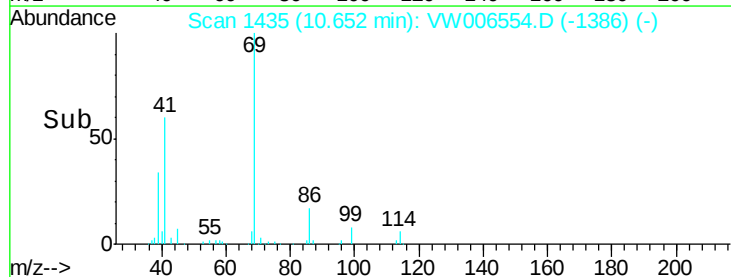
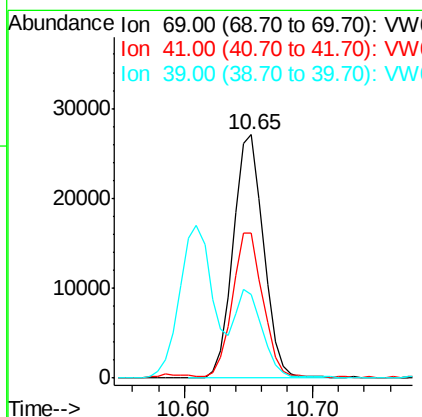
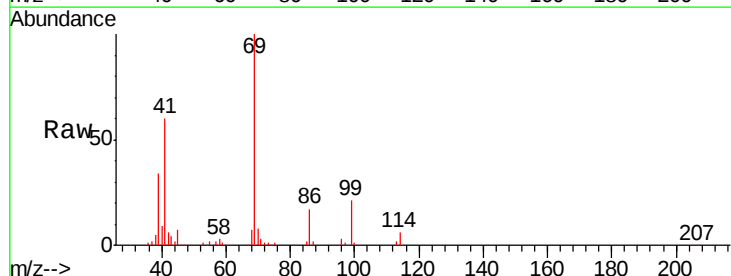
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

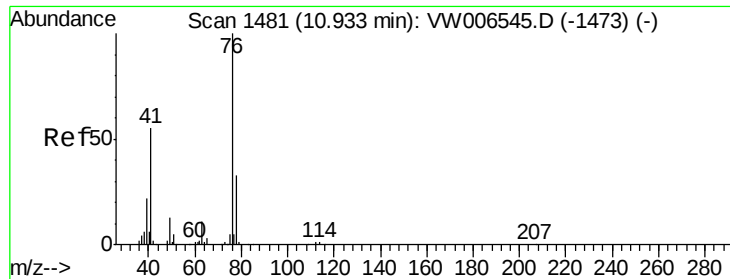
Tgt Ion:	97	Resp:	39564
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.9	101.9
85	54.0	44.0	66.0
99	59.6	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 19.56 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion:	69	Resp:	44531
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.4	71.2
39	32.6	25.3	37.9

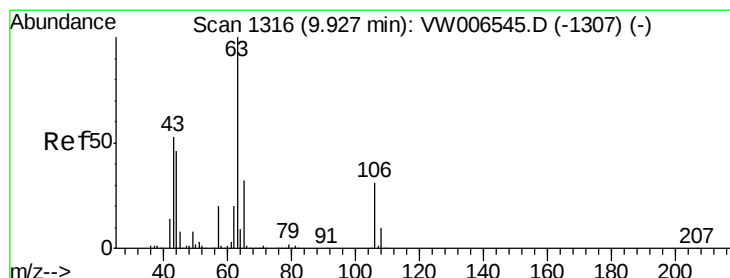
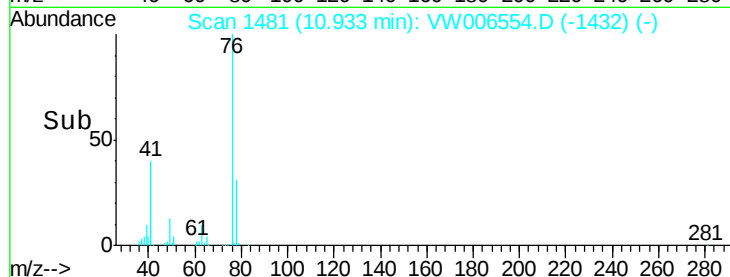
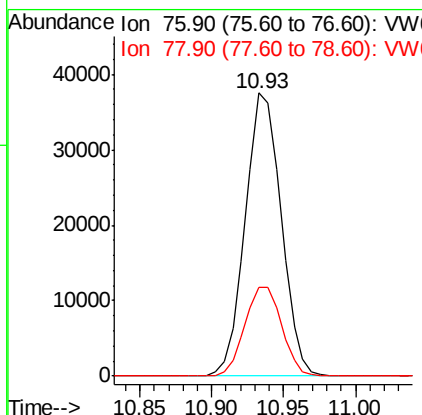
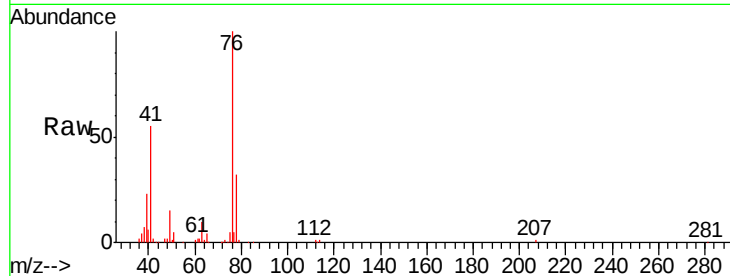




#57
 1,3-Dichloropropane
 Concen: 19.91 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

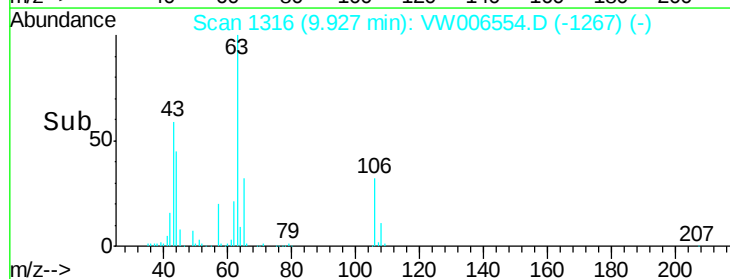
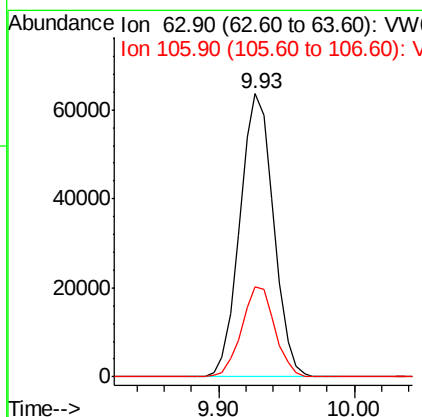
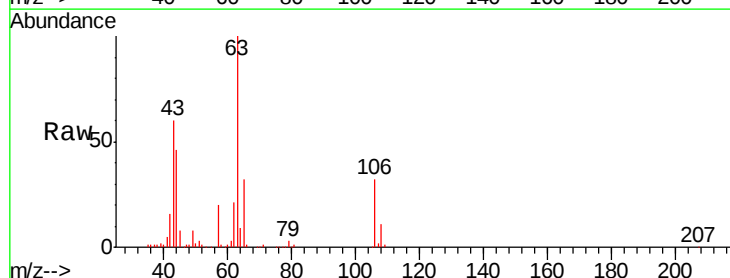
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

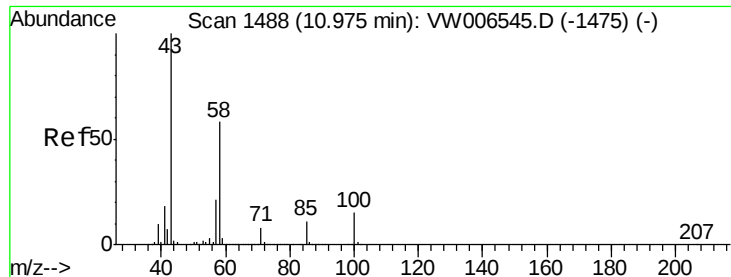
Tgt Ion: 76 Resp: 64748
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.35 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 63 Resp: 109955
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.2

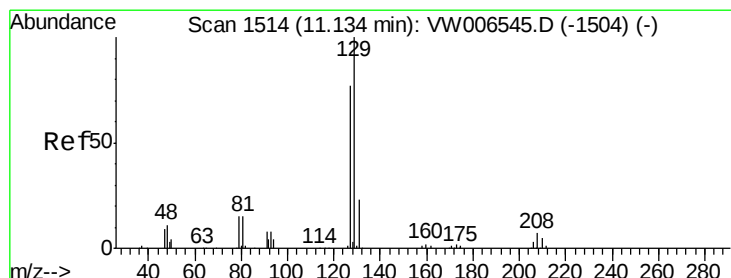
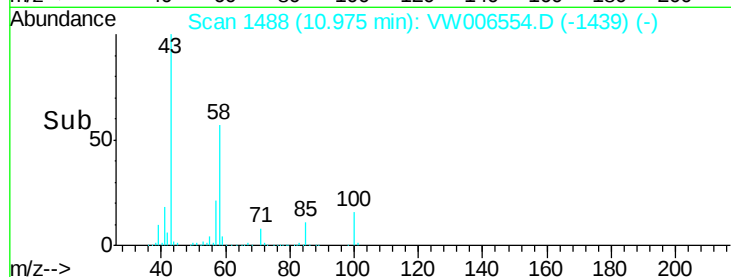
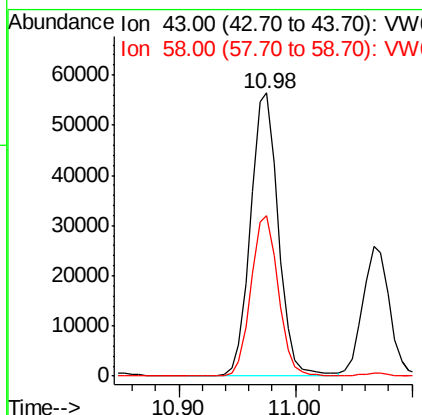
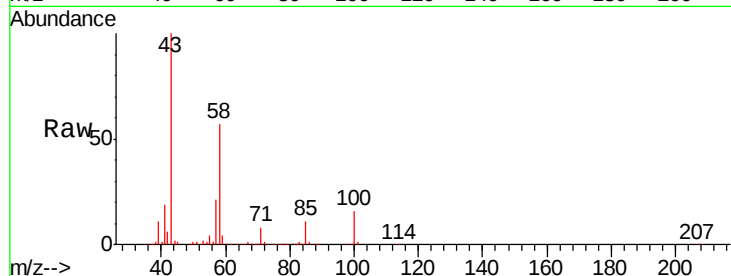




#59
2-Hexanone
Concen: 107.70 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

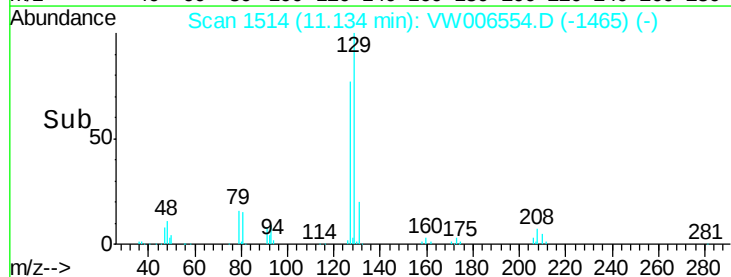
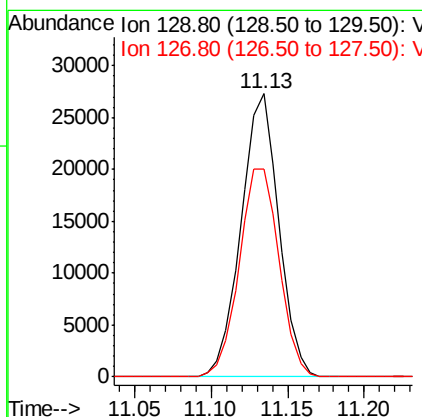
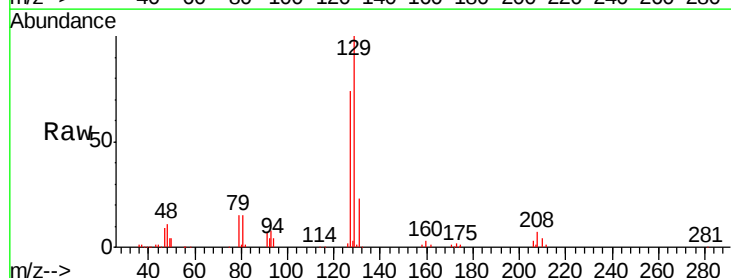
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

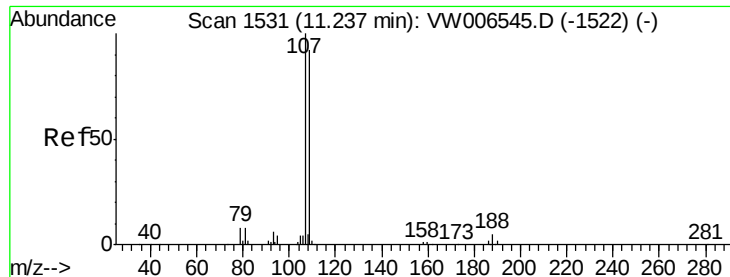
Tgt Ion: 43 Resp: 94388
Ion Ratio Lower Upper
43 100
58 55.7 28.8 86.4



#60
Dibromochloromethane
Concen: 19.70 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 129 Resp: 46746
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.46 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

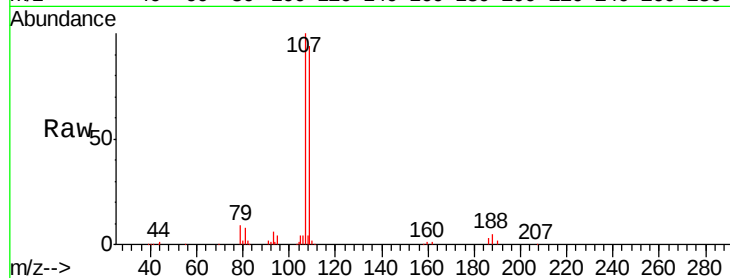
VW1102SBSD01

Tgt Ion: 107 Resp: 38712

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

15000

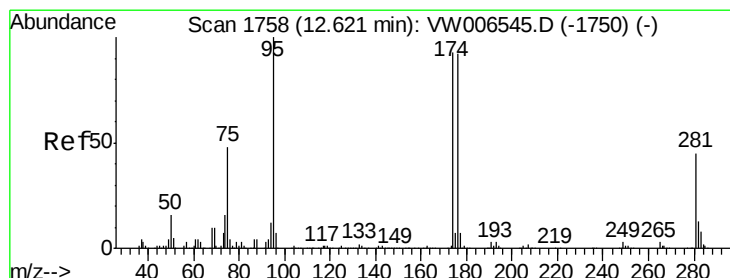
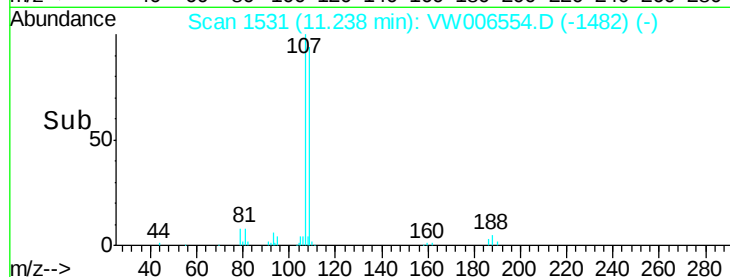
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 48.60 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

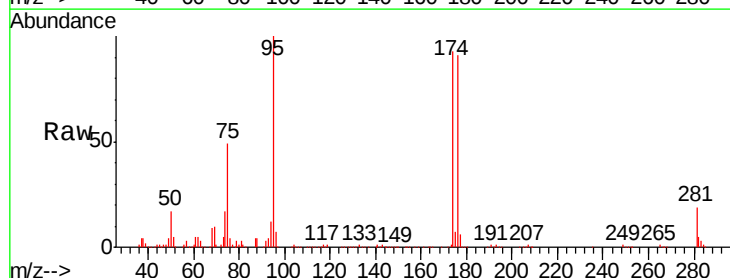
Tgt Ion: 95 Resp: 173925

Ion Ratio Lower Upper

95 100

174 97.3 0.0 192.4

176 94.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

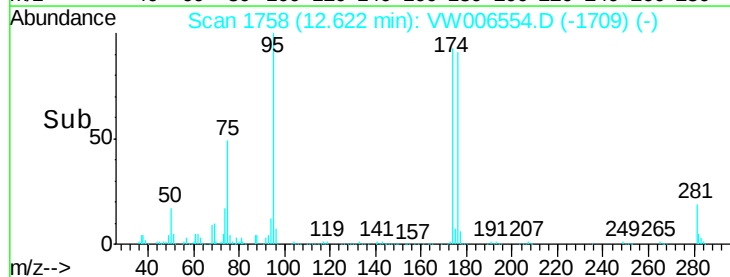
100000

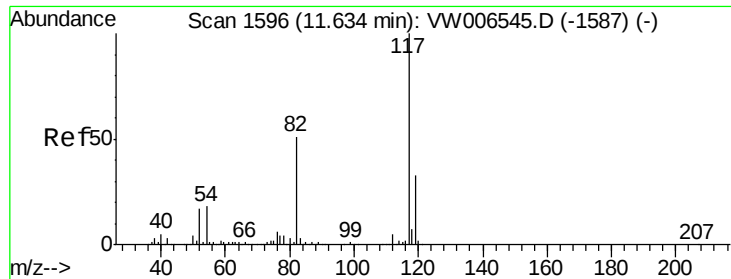
50000

0

Time-->

12.60 12.70

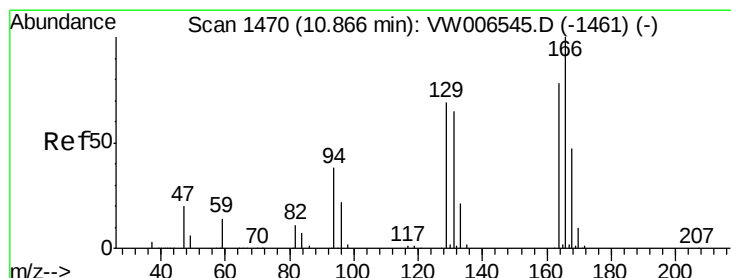
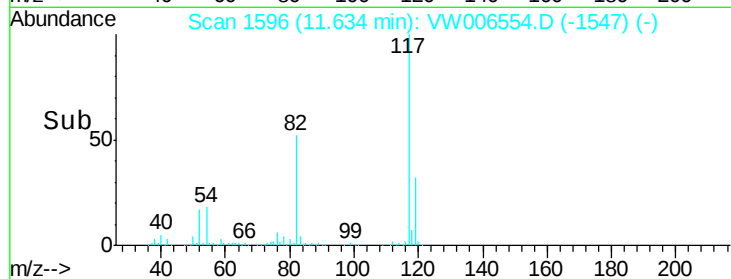
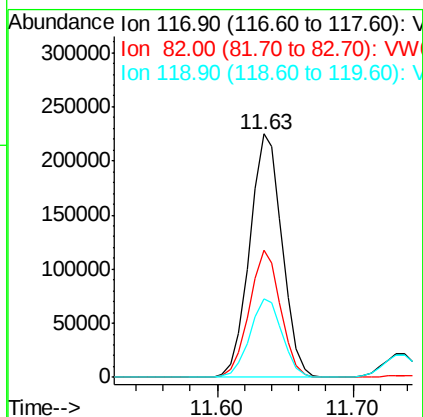
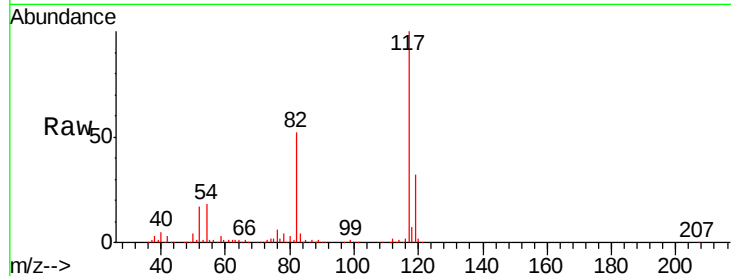




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

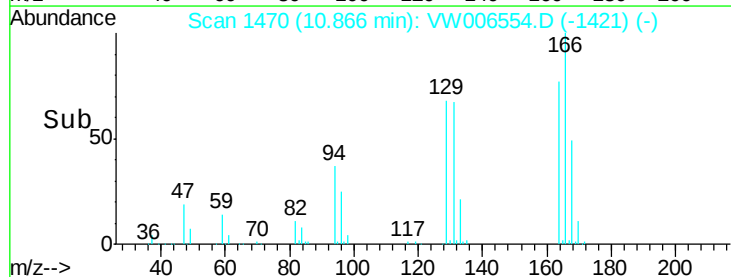
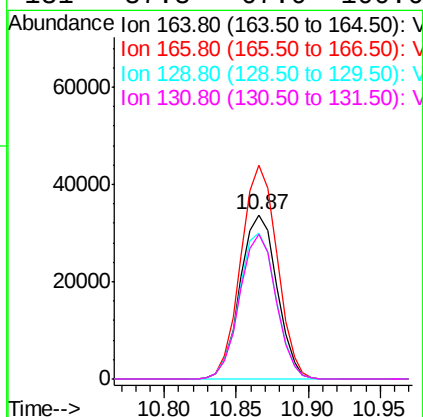
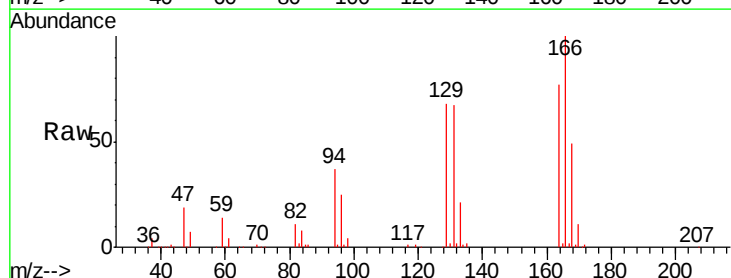
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

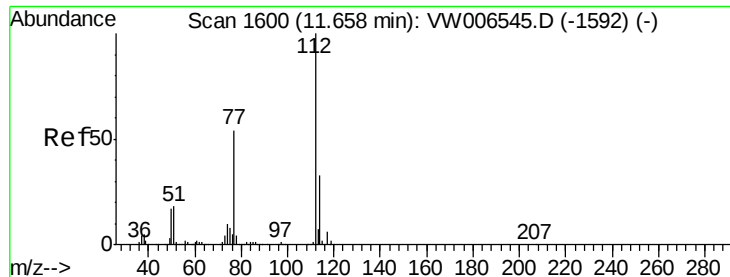
Tgt Ion:117 Resp: 375293
Ion Ratio Lower Upper
117 100
82 52.4 40.8 61.2
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 20.02 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion:164 Resp: 59884
Ion Ratio Lower Upper
164 100
166 130.1 102.8 154.2
129 88.7 70.9 106.3
131 87.8 67.0 100.6

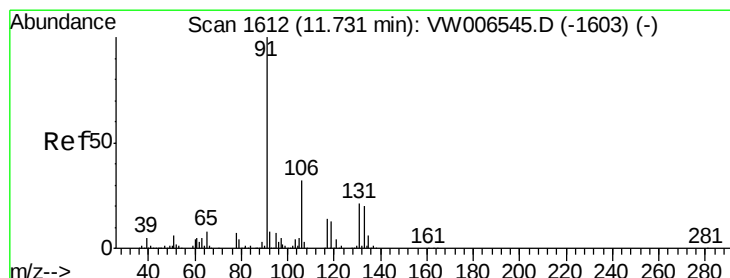
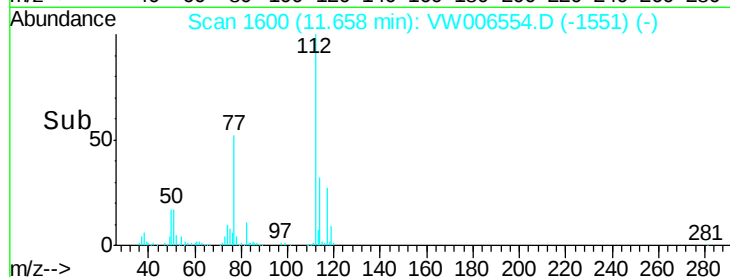
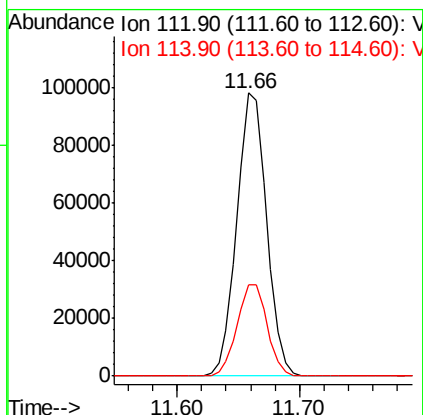
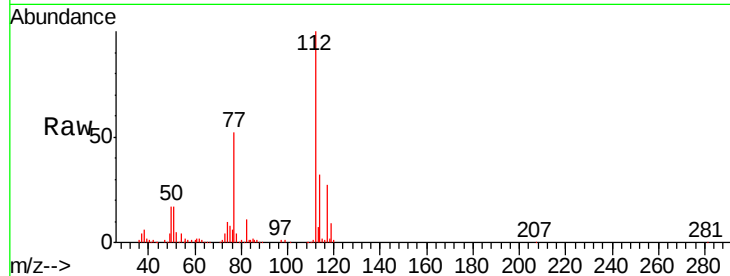




#65
Chlorobenzene
Concen: 20.98 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

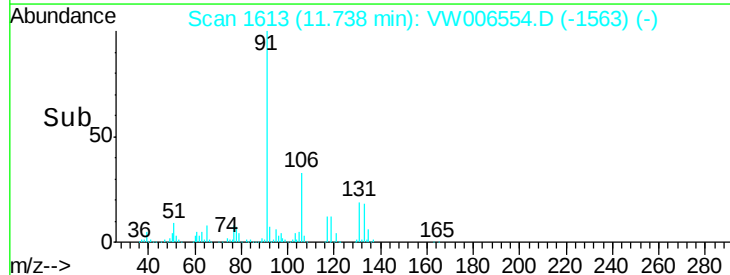
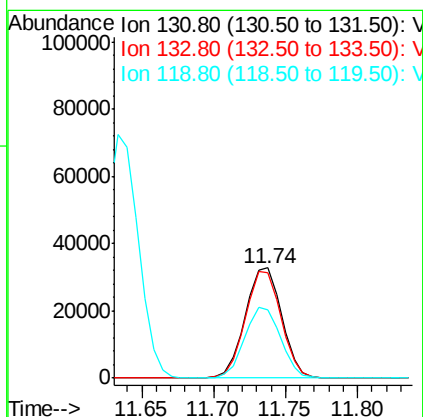
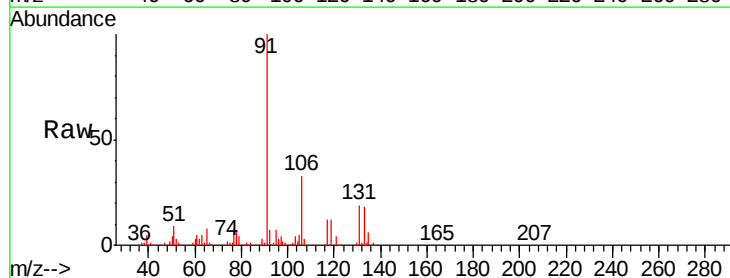
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

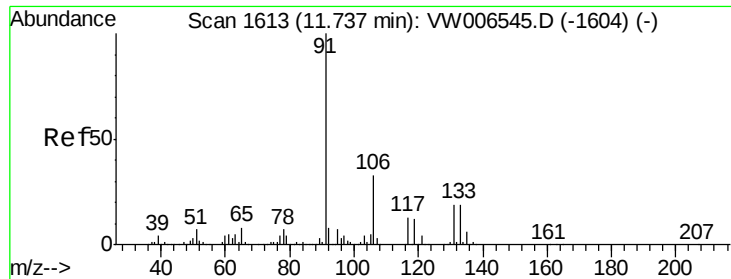
Tgt Ion:112 Resp: 165679
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.58 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion:131 Resp: 57127
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 63.9 31.9 95.5

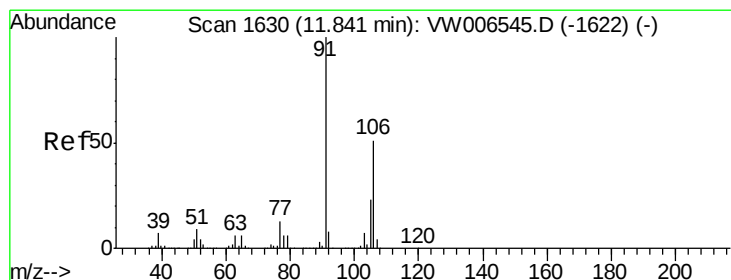
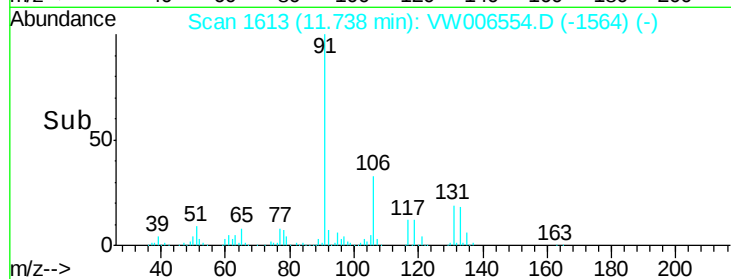
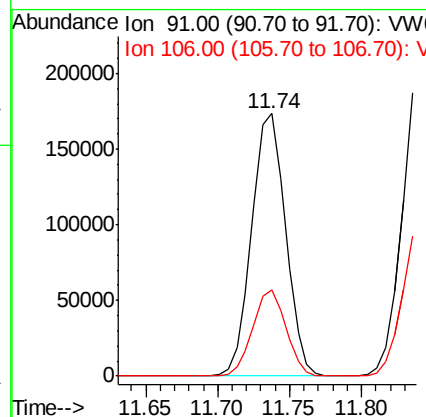
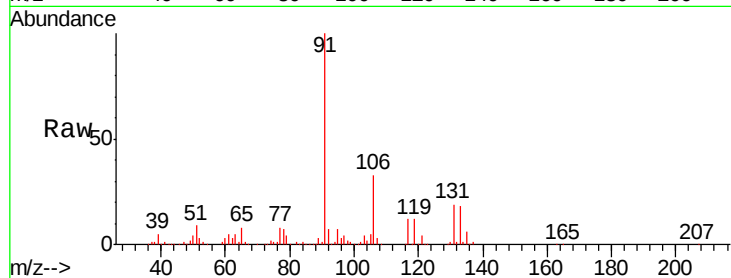




#67
Ethyl Benzene
Concen: 21.37 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

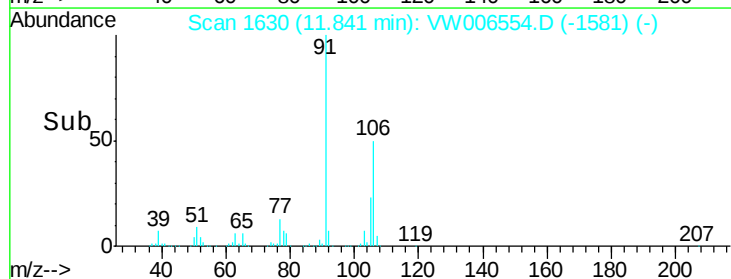
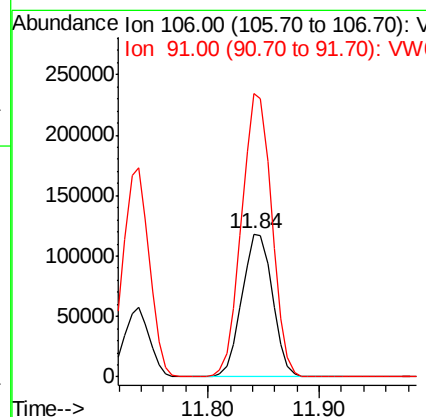
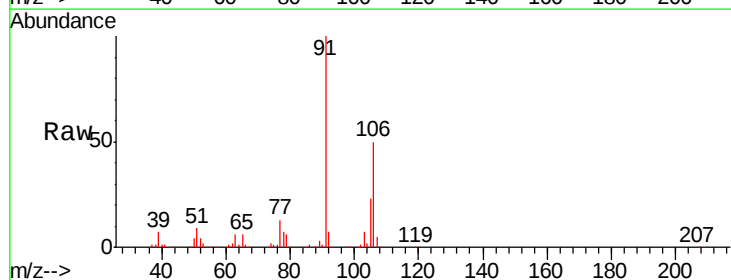
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

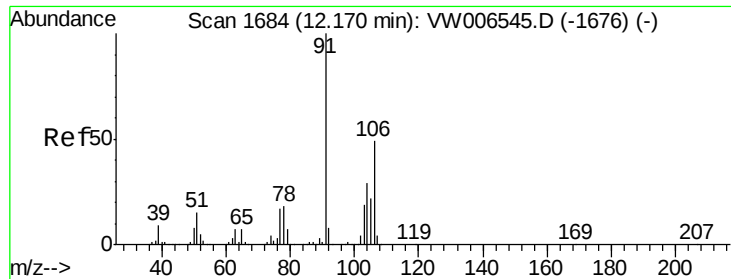
Tgt Ion: 91 Resp: 282047
Ion Ratio Lower Upper
91 100
106 33.1 26.3 39.5



#68
m/p-Xylenes
Concen: 42.64 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 106 Resp: 224853
Ion Ratio Lower Upper
106 100
91 196.0 156.7 235.1

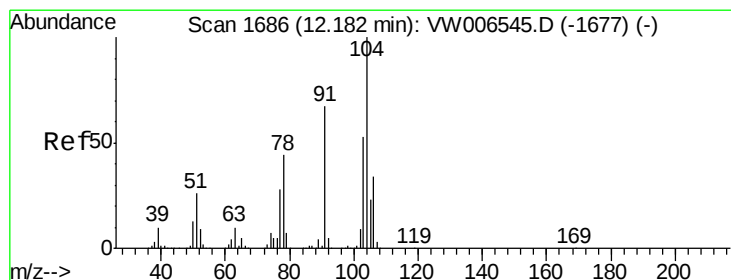
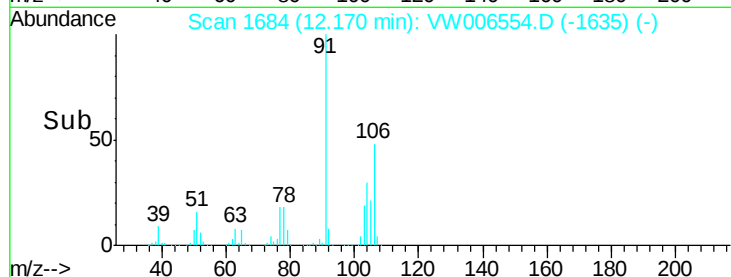
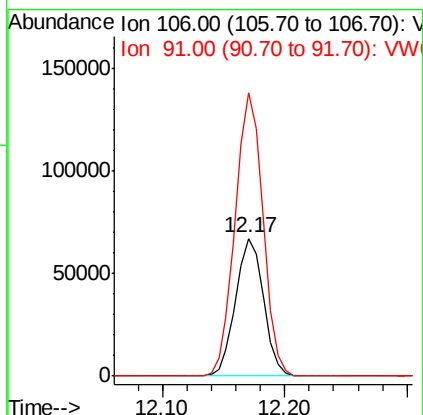
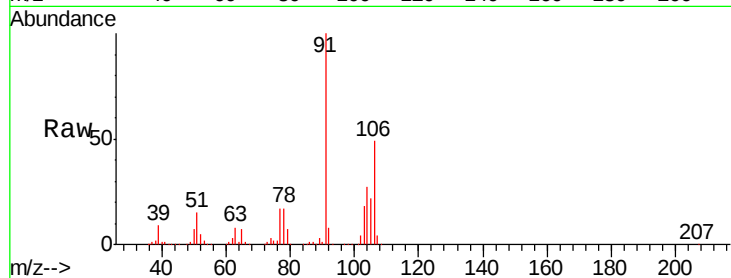




#69
o-Xylene
Concen: 21.13 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

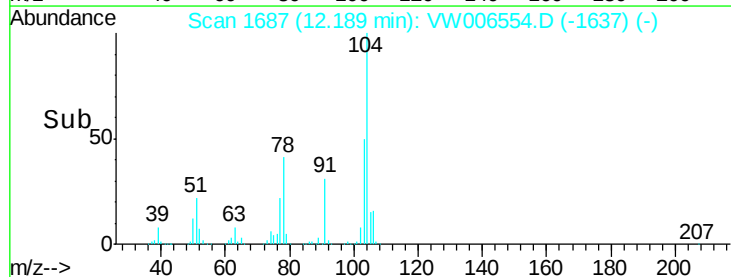
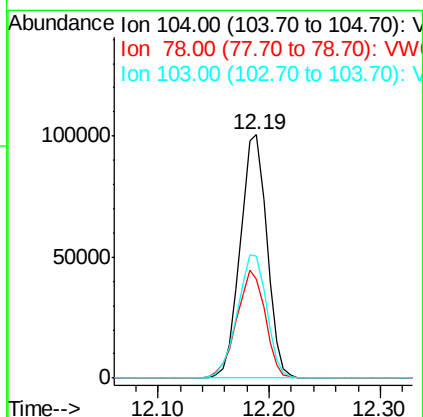
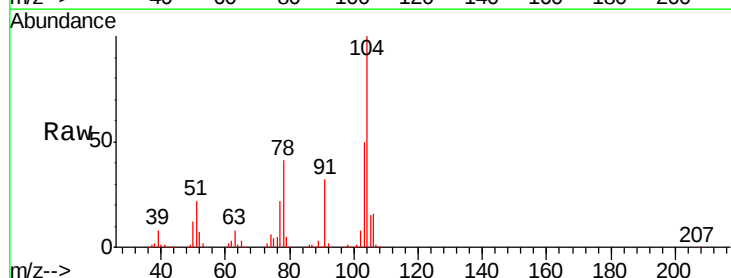
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

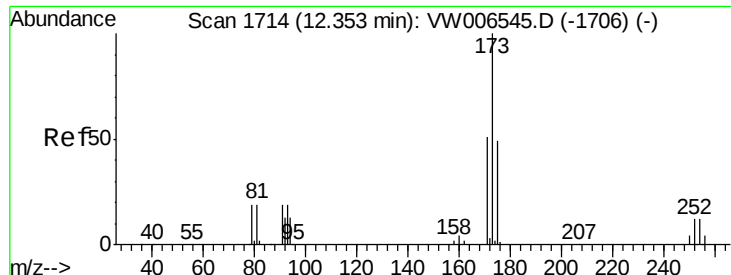
Tgt Ion:106 Resp: 106066
Ion Ratio Lower Upper
106 100
91 205.2 102.8 308.4



#70
Styrene
Concen: 20.50 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion:104 Resp: 167820
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 55.3 44.2 66.2





#71

Bromoform

Concen: 19.47 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

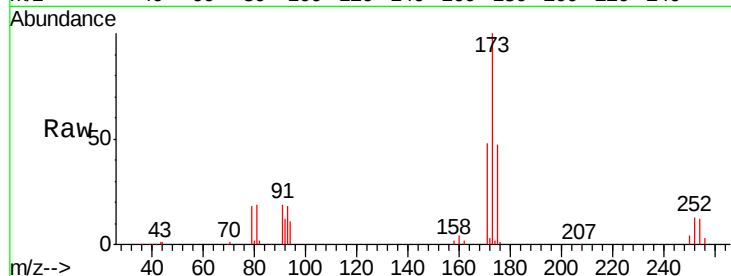
Tgt Ion:173 Resp: 28647

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

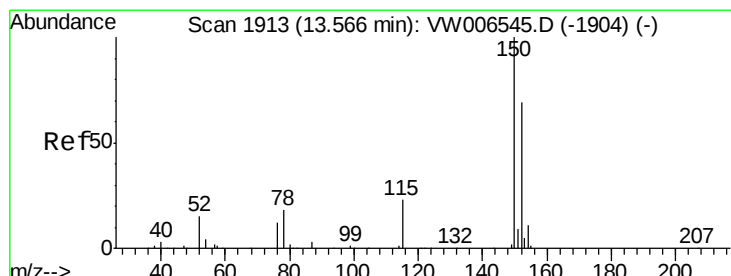
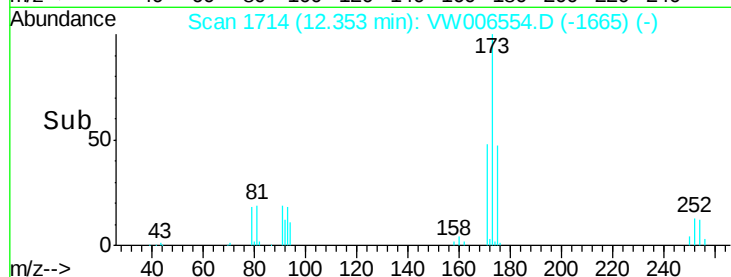
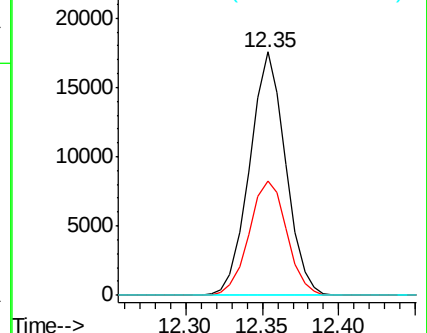
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

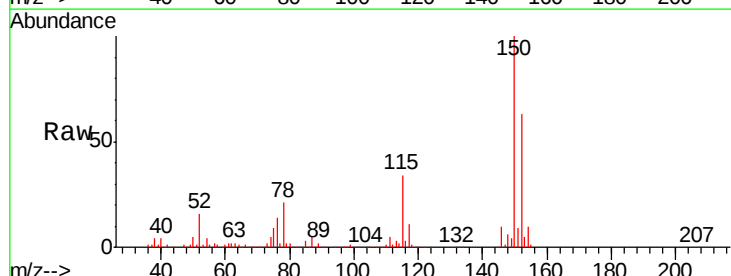
Tgt Ion:152 Resp: 208813

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

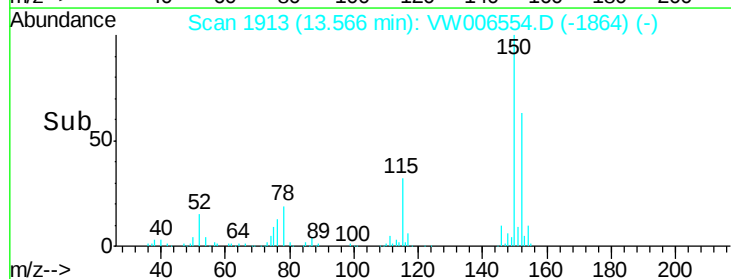
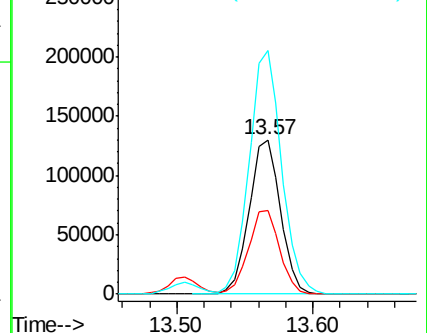
150 163.9 0.0 344.6

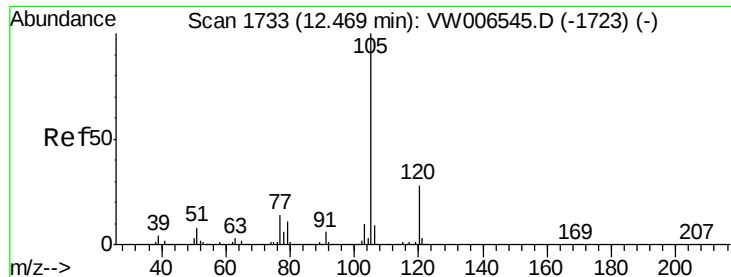


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.53 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

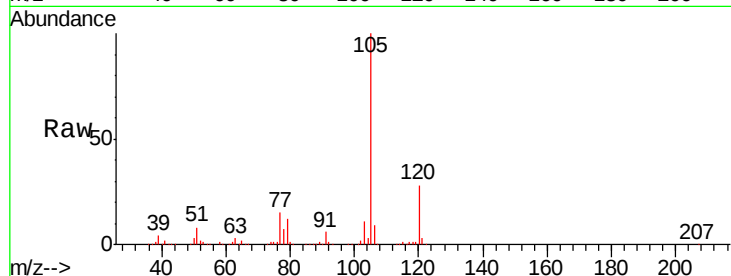
VW1102SBSD01

Tgt Ion: 105 Resp: 296148

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

150000

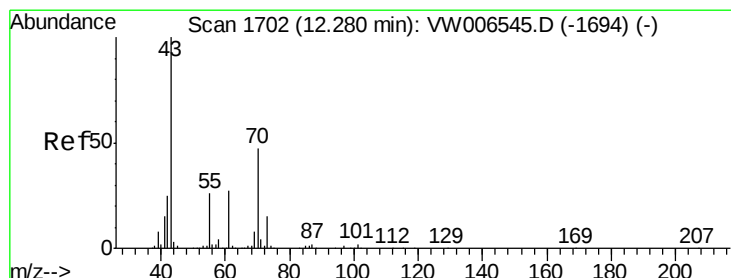
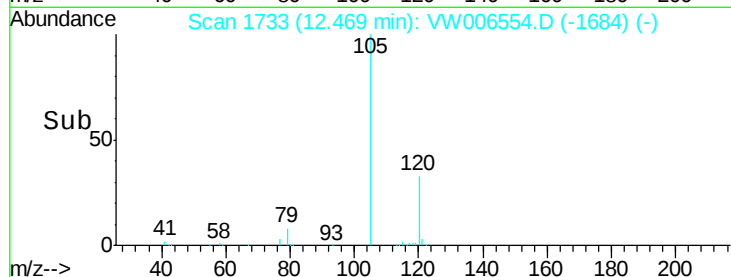
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 19.51 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Tgt Ion: 43 Resp: 46367

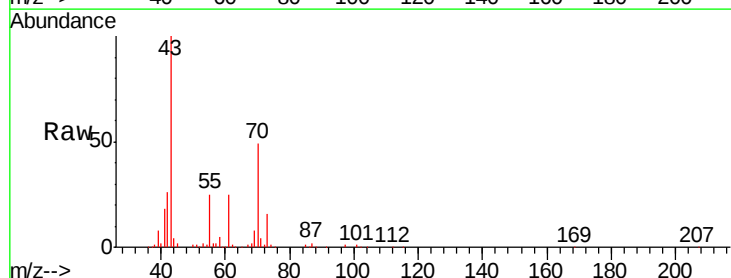
Ion Ratio Lower Upper

43 100

70 47.9 36.9 55.3

55 27.2 20.7 31.1

61 25.4 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

50000

40000

30000

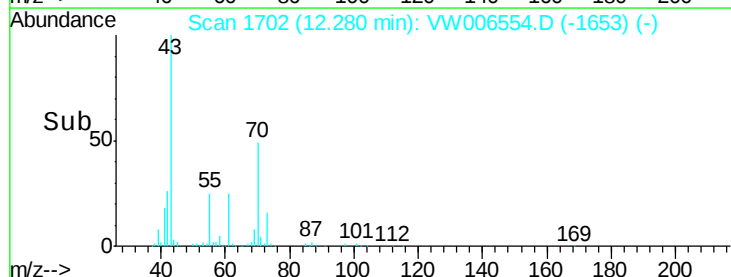
20000

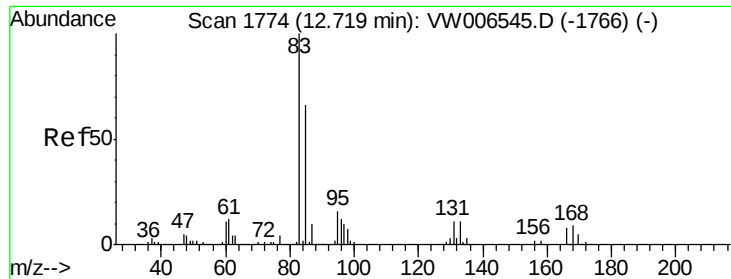
10000

0

Time-->

12.20 12.30

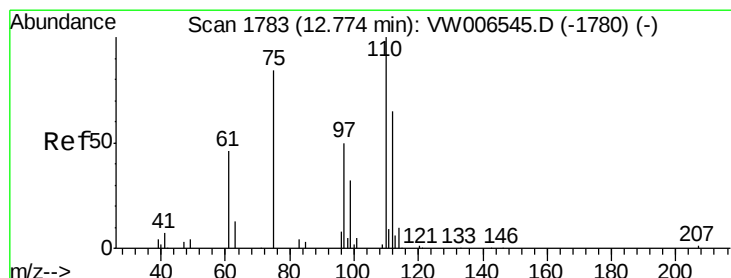
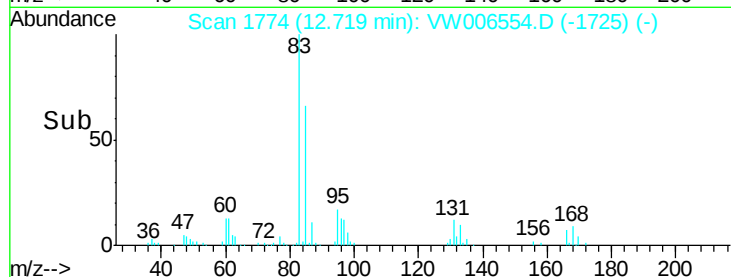
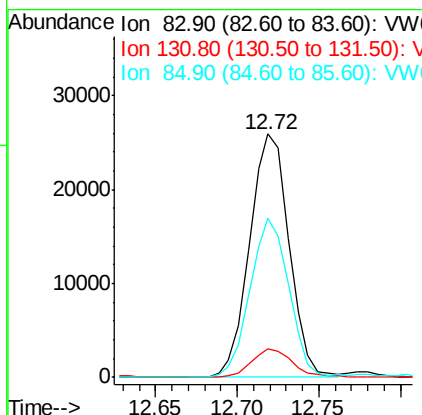
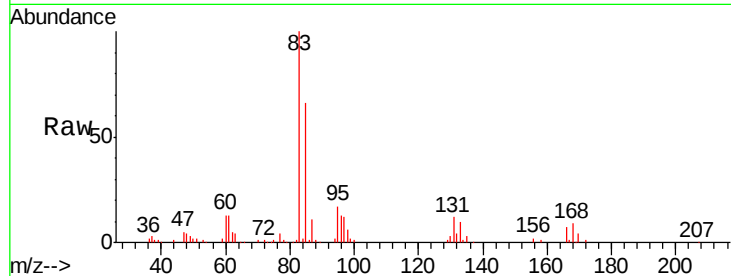




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.11 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

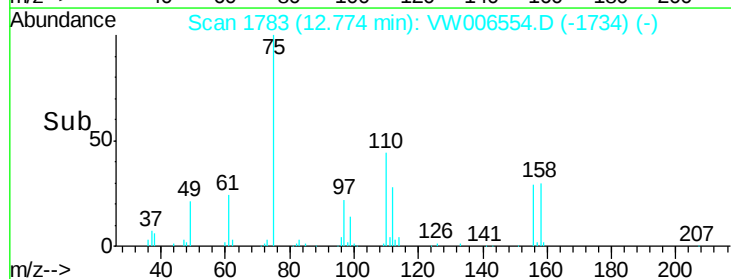
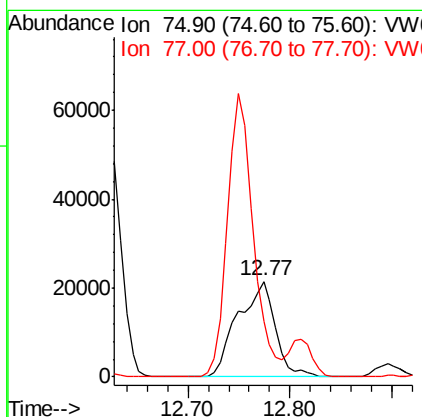
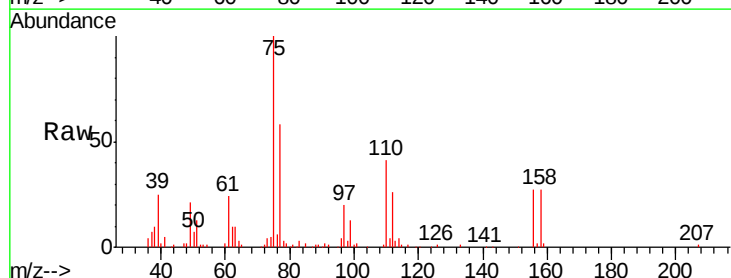
Instrument :
 MSVOA_W
 ClientSampled :
 VW1102SBSD01

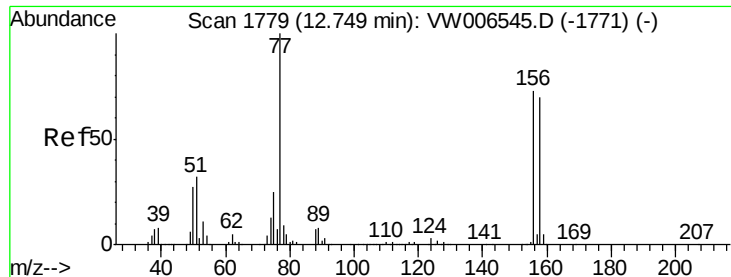
Tgt Ion: 83 Resp: 43682
 Ion Ratio Lower Upper
 83 100
 131 12.3 5.9 17.7
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.97 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion: 75 Resp: 55345
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.74 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

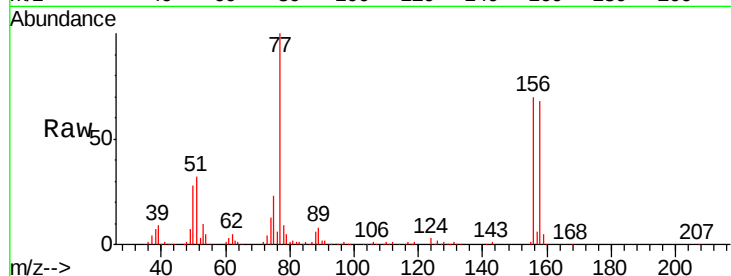
Tgt Ion:156 Resp: 73862

Ion Ratio Lower Upper

156 100

77 152.0 75.9 227.8

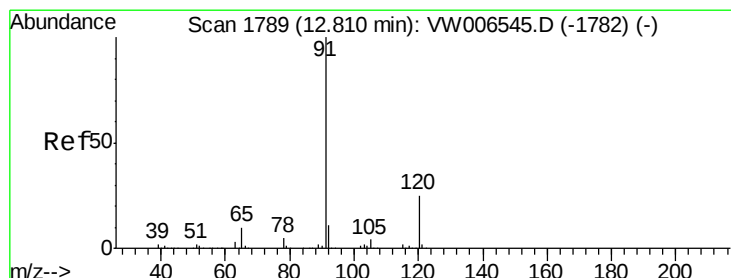
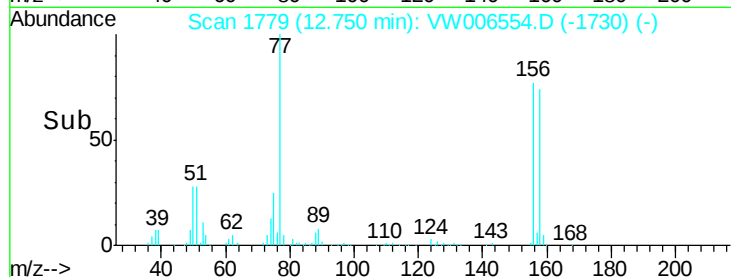
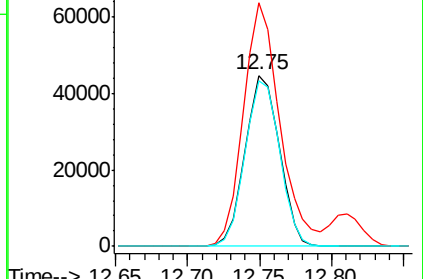
158 98.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.78 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006554.D

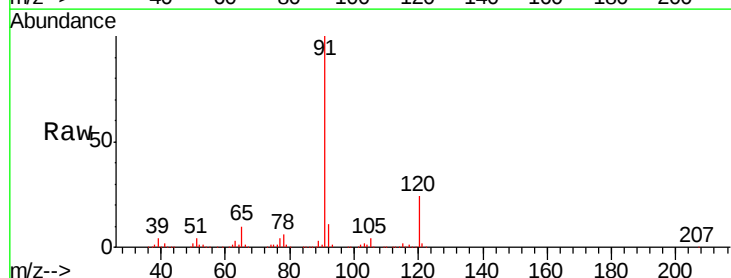
Acq: 01 Nov 2018 13:05

Tgt Ion: 91 Resp: 344554

Ion Ratio Lower Upper

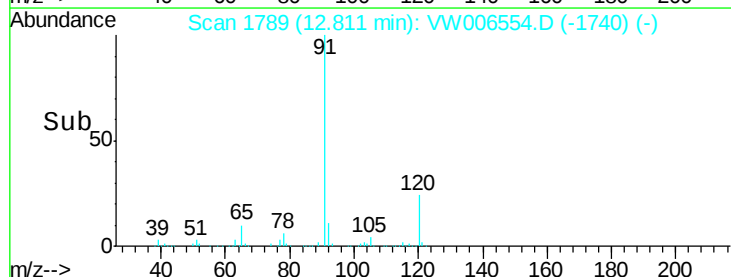
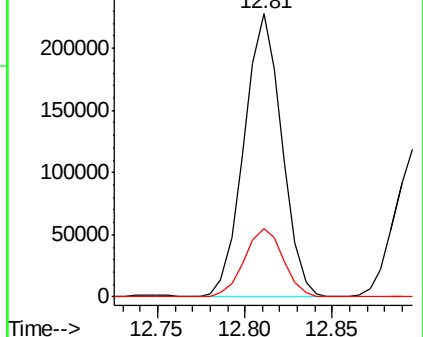
91 100

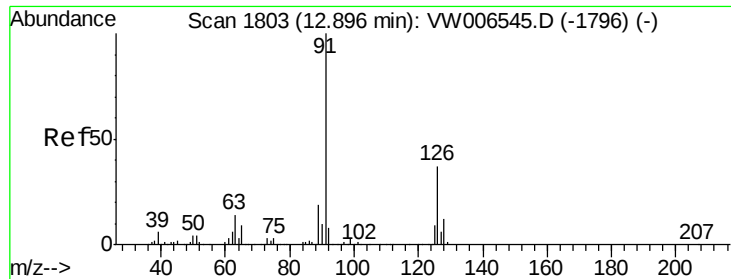
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.08 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

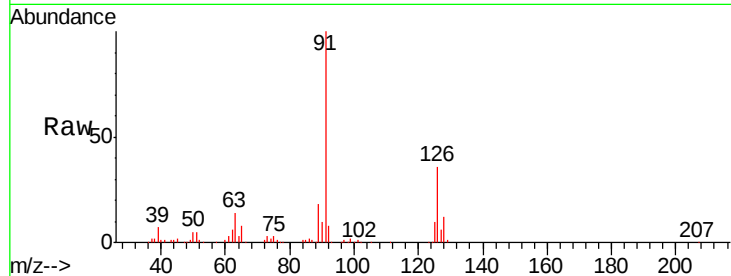
VW1102SBSD01

Tgt Ion: 91 Resp: 191436

Ion Ratio Lower Upper

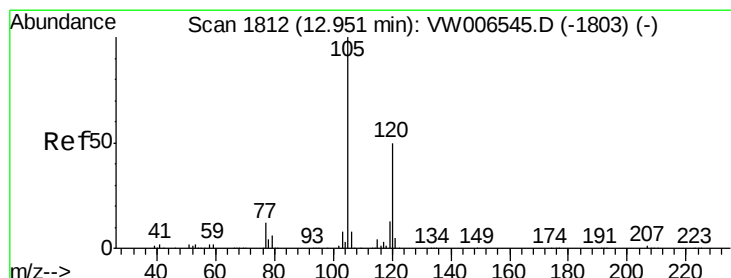
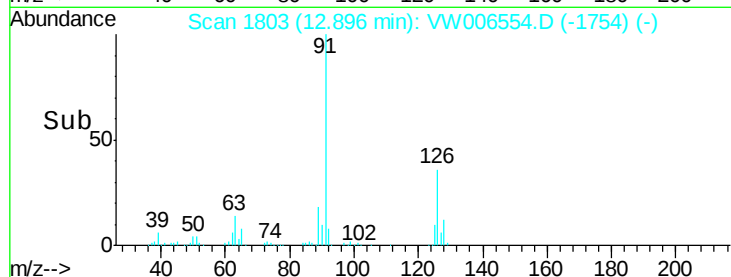
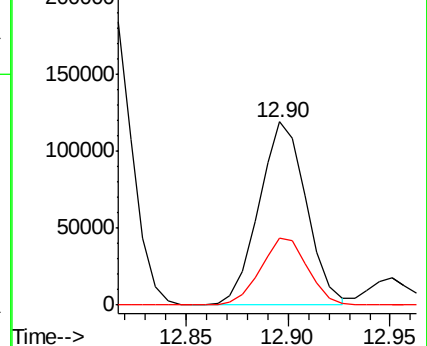
91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.43 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006554.D

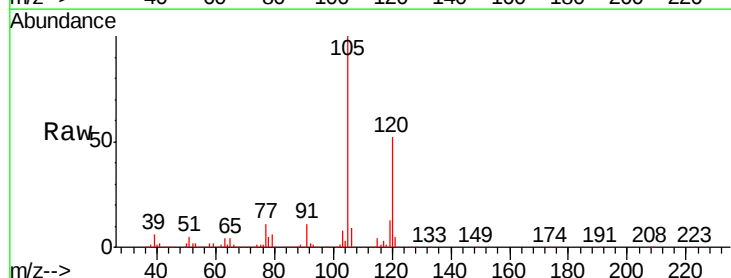
Acq: 01 Nov 2018 13:05

Tgt Ion: 105 Resp: 247677

Ion Ratio Lower Upper

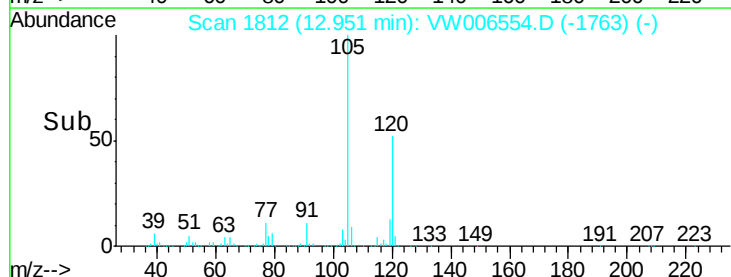
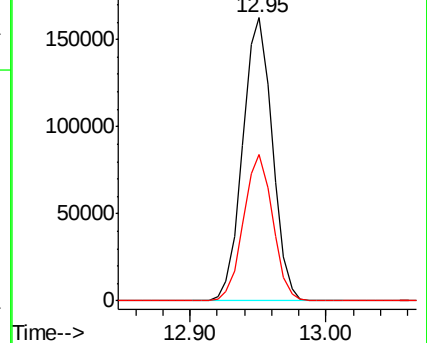
105 100

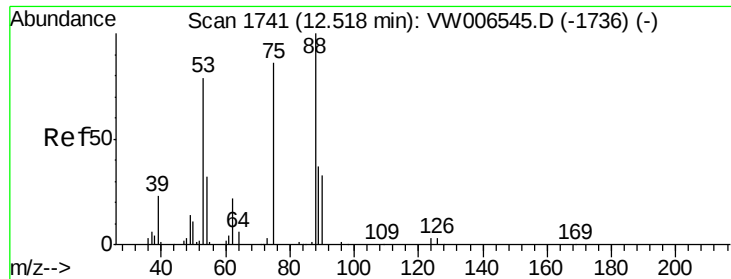
120 51.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

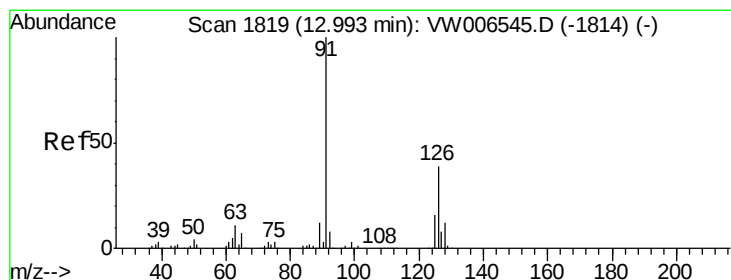
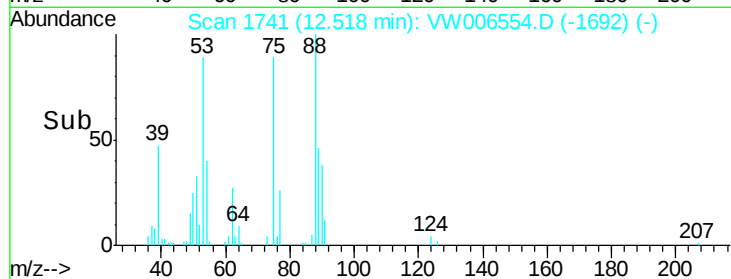
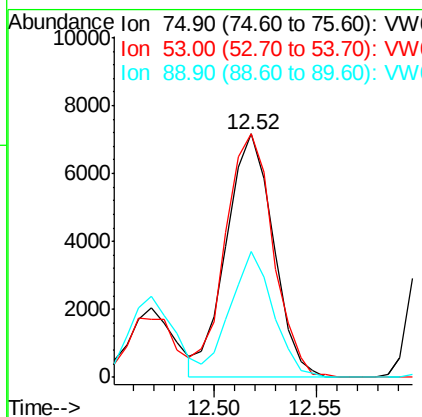
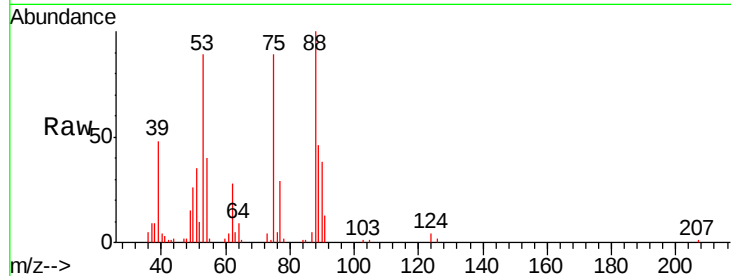




#81
trans-1,4-Dichloro-2-butene
Concen: 19.90 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

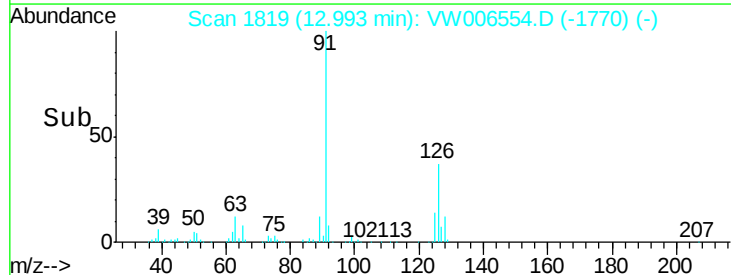
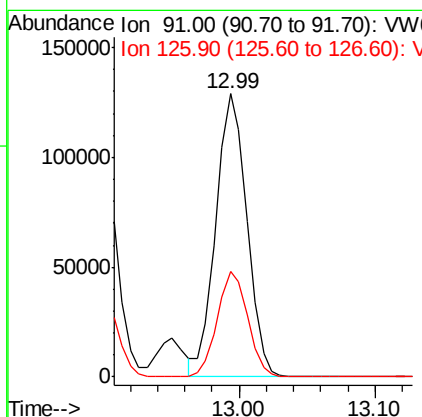
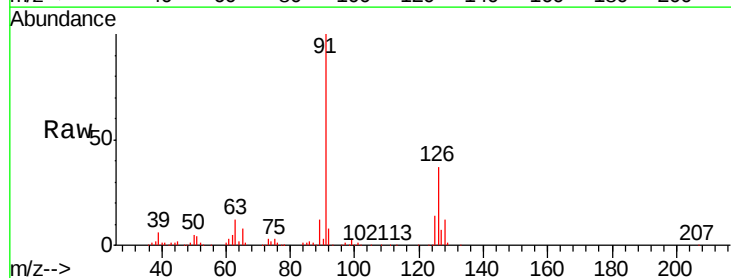
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

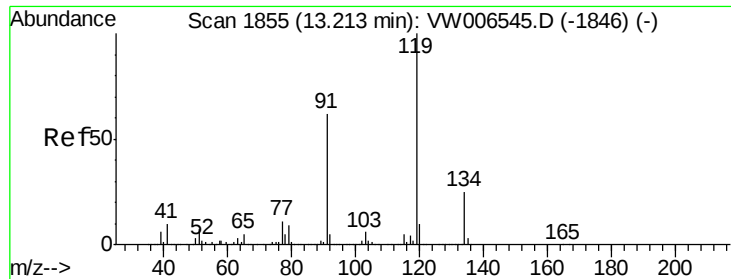
Tgt Ion: 75 Resp: 11457
Ion Ratio Lower Upper
75 100
53 102.1 77.2 115.8
89 46.9 38.6 58.0



#82
4-Chlorotoluene
Concen: 21.26 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion: 91 Resp: 204222
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

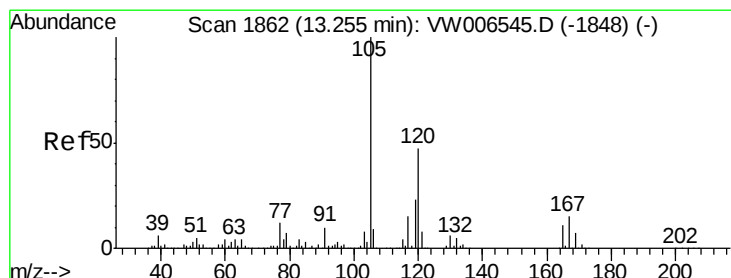
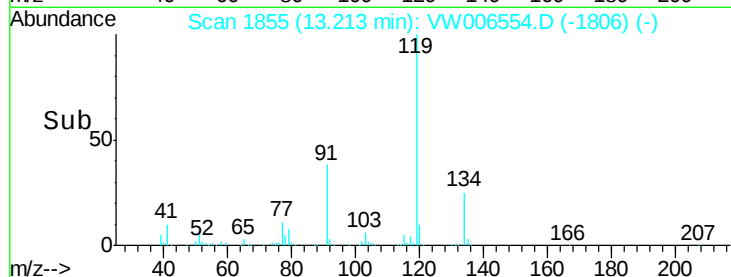
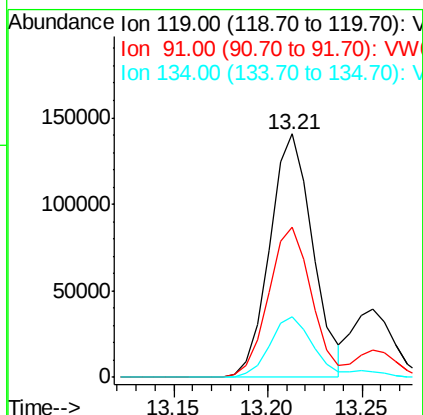
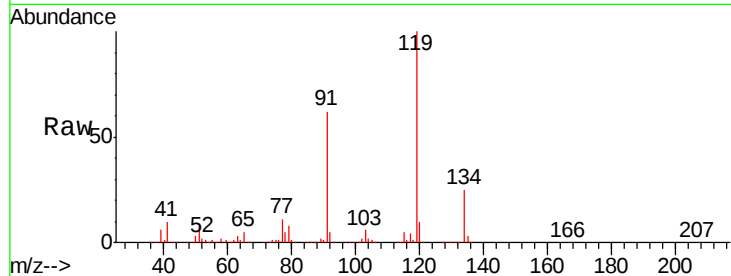




#83
 tert-Butylbenzene
 Concen: 21.59 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

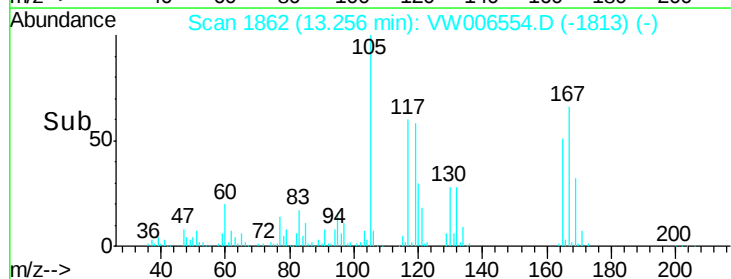
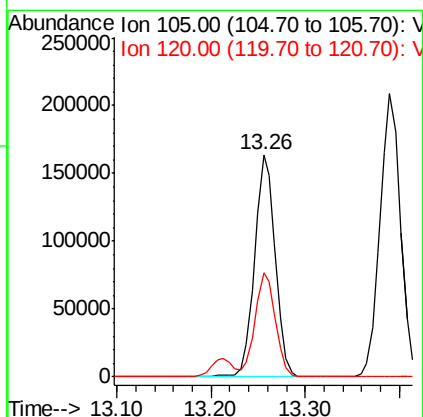
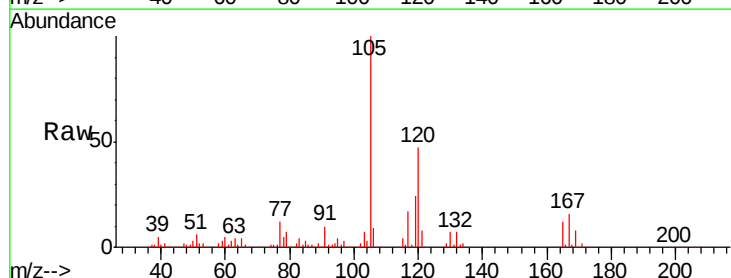
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

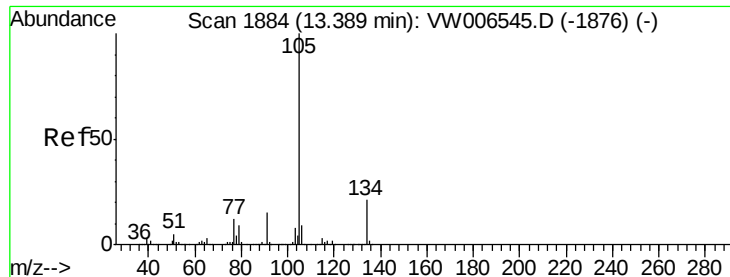
Tgt Ion:119 Resp: 222491
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.4 91.3
 134 25.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.36 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion:105 Resp: 253227
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.85 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

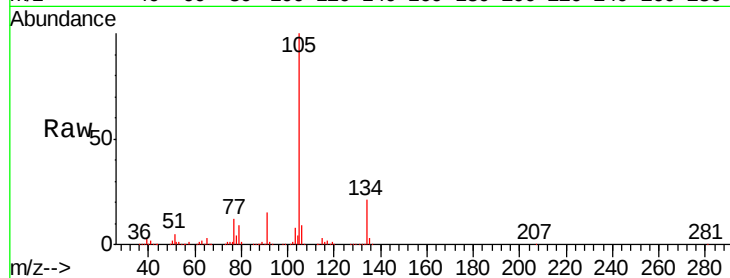
VW1102SBSD01

Tgt Ion:105 Resp: 315353

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

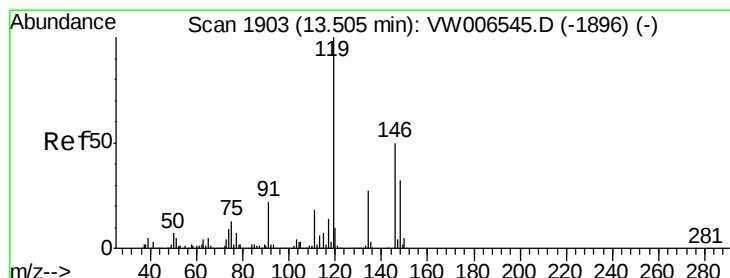
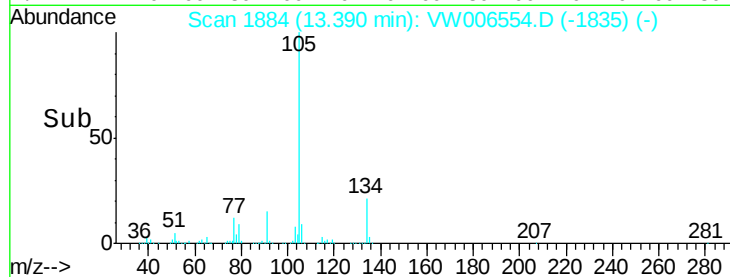
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 21.83 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

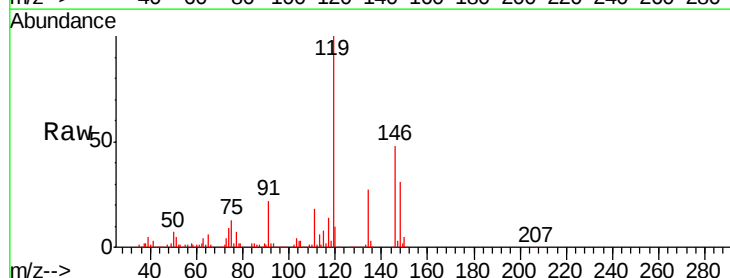
Tgt Ion:119 Resp: 286746

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.0 10.9 32.6



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

250000

200000

150000

100000

50000

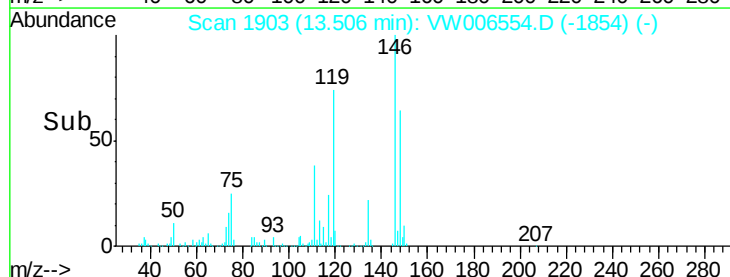
0

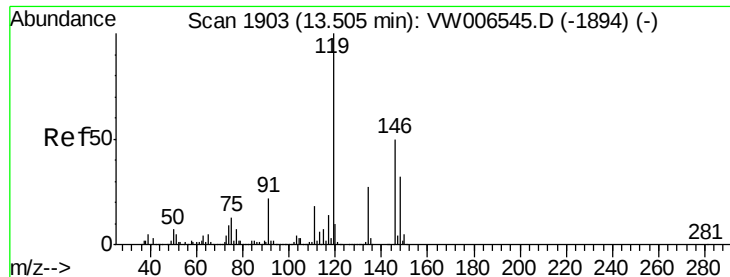
13.51

13.45

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.86 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

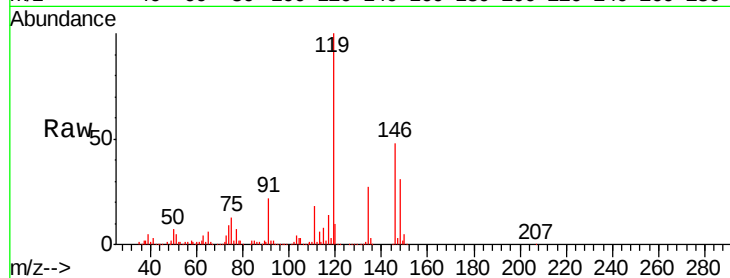
Tgt Ion:146 Resp: 146278

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.6

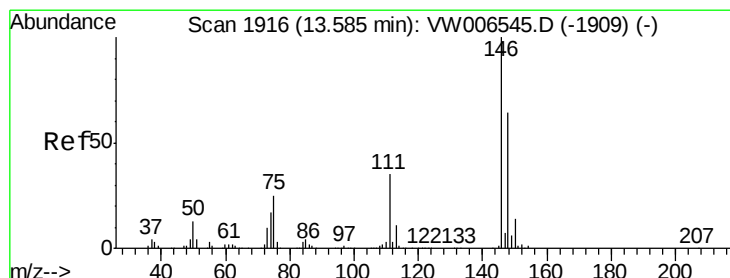
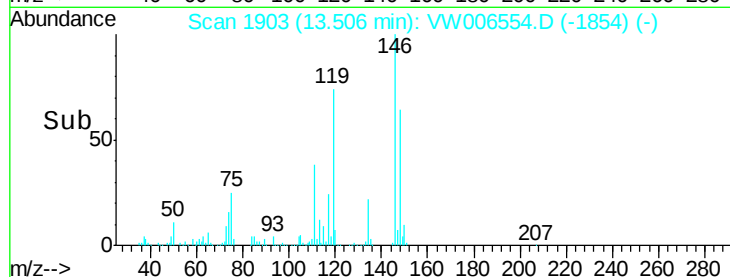
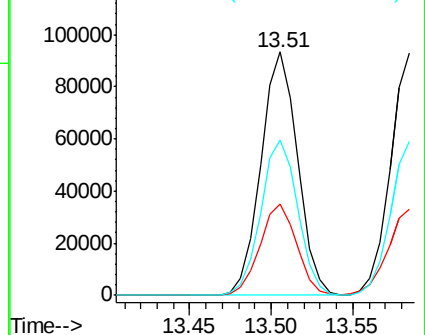
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.12 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

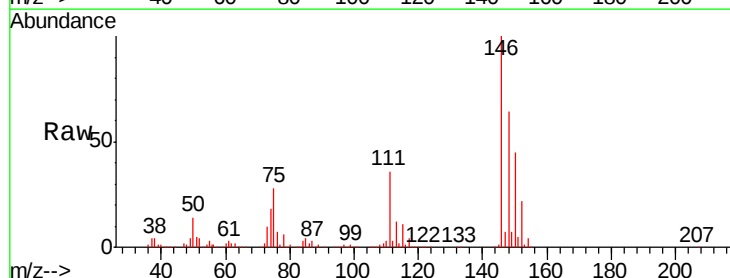
Tgt Ion:146 Resp: 146839

Ion Ratio Lower Upper

146 100

111 36.9 17.9 53.7

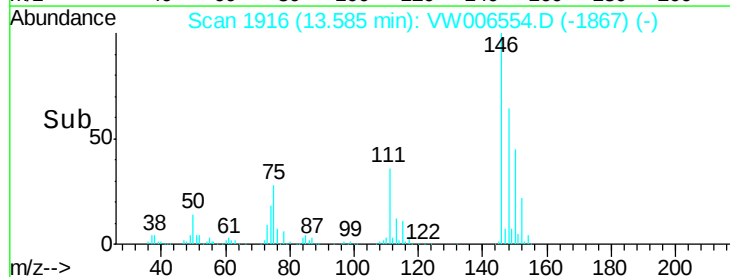
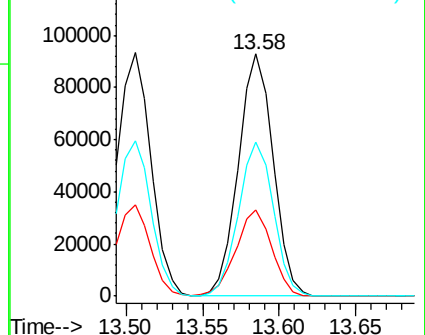
148 63.9 32.1 96.5

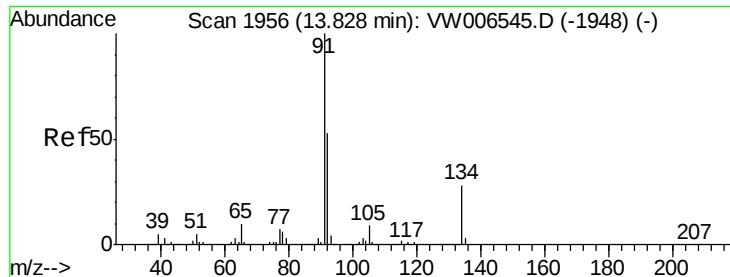


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.31 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006554.D

Acq: 01 Nov 2018 13:05

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBSD01

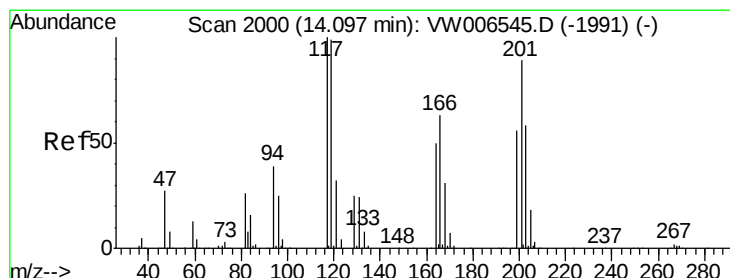
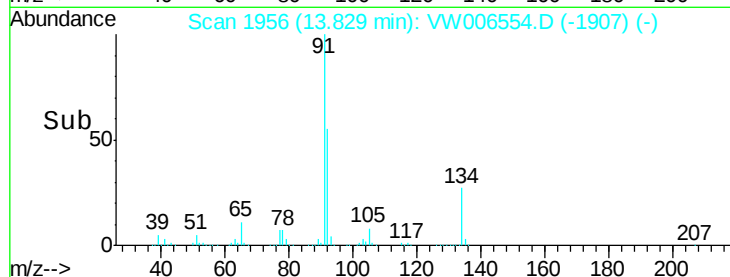
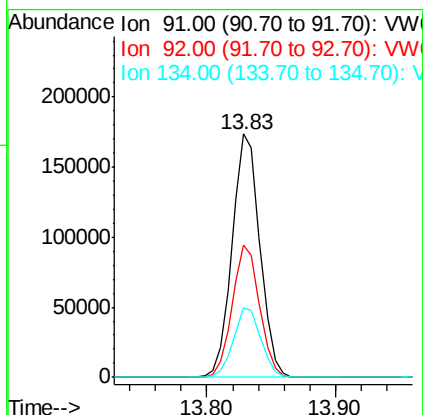
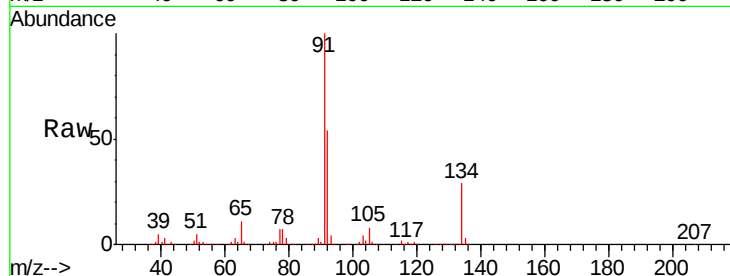
Tgt Ion: 91 Resp: 260051

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 28.5 14.3 42.9



#90

Hexachloroethane

Concen: 21.29 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006554.D

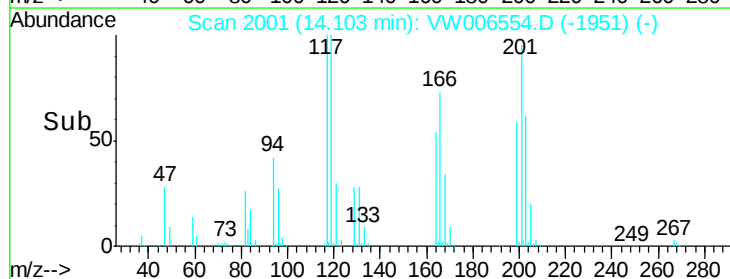
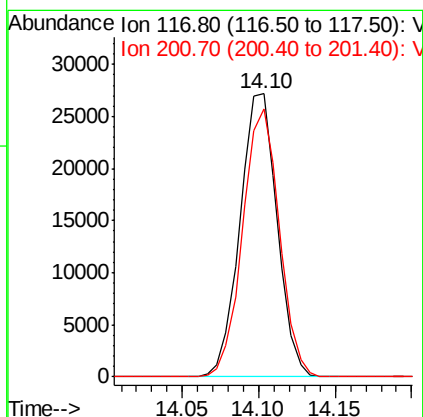
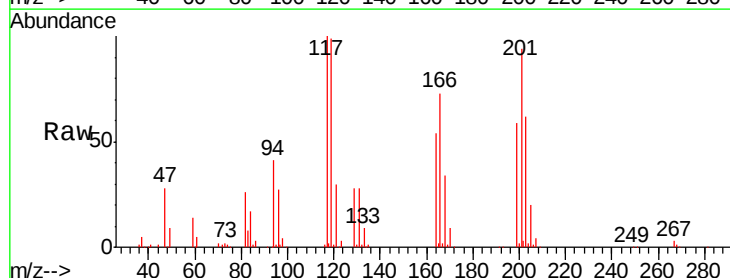
Acq: 01 Nov 2018 13:05

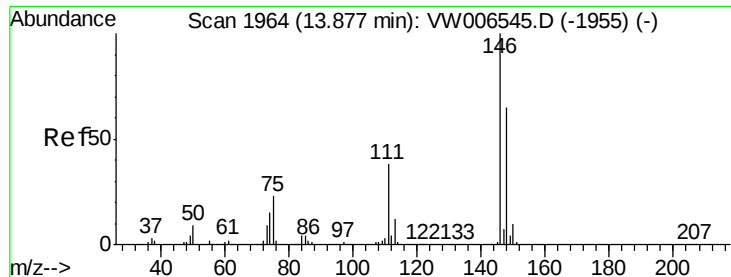
Tgt Ion: 117 Resp: 45955

Ion Ratio Lower Upper

117 100

201 93.3 46.8 140.3

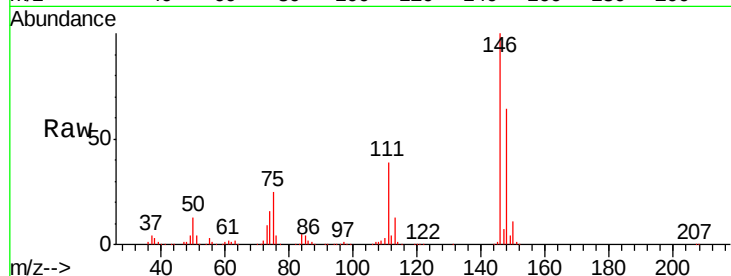




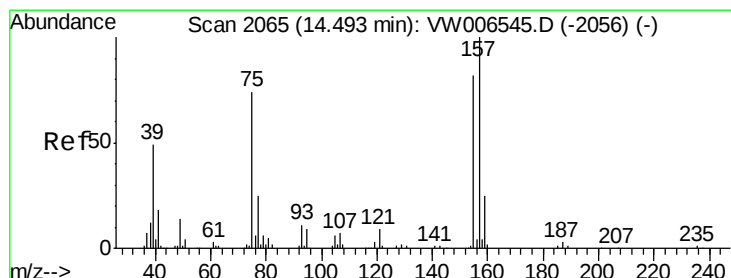
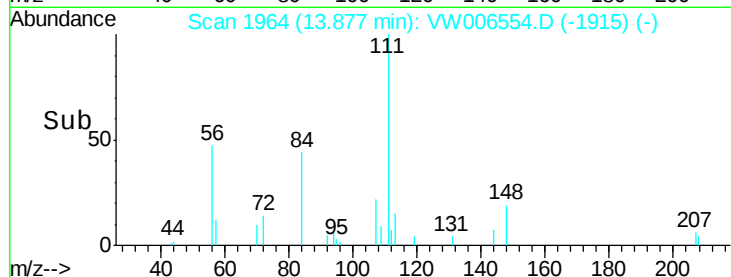
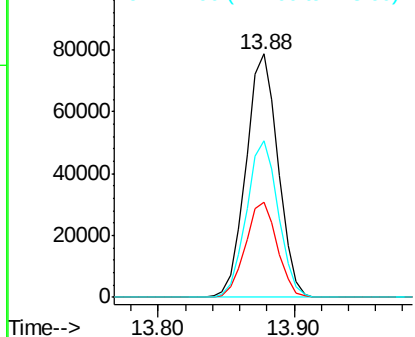
#91
 1,2-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.0	32.0	96.0

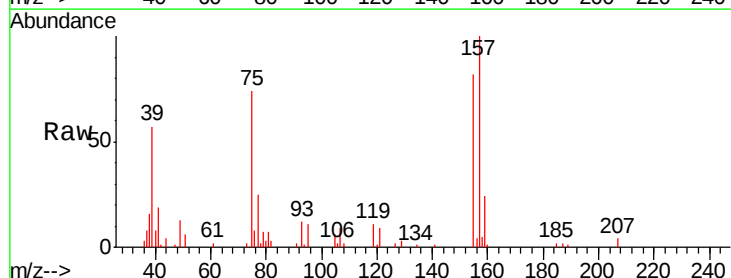


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

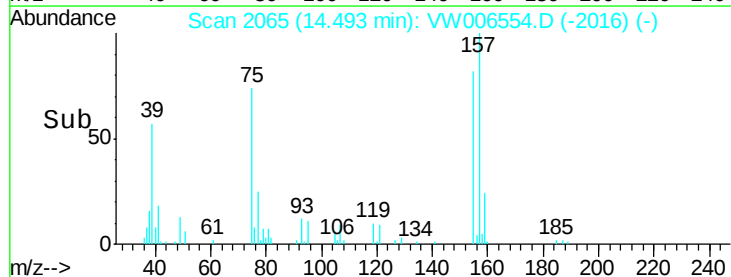
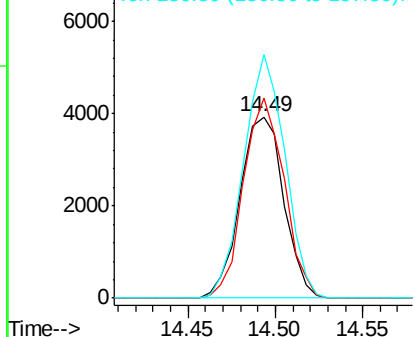


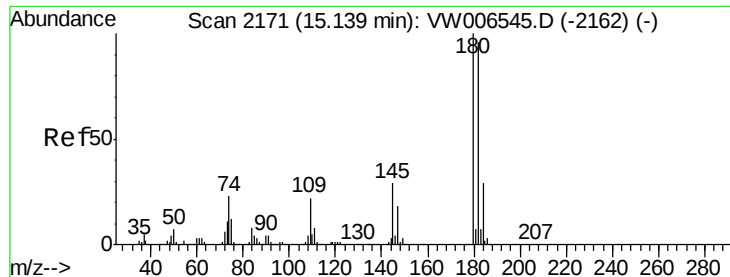
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.45 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.1	50.6	151.8
157	126.3	65.0	195.0



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

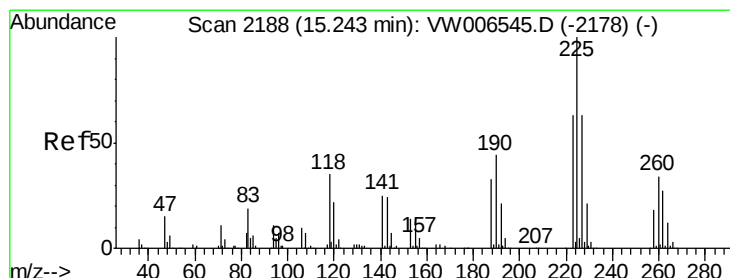
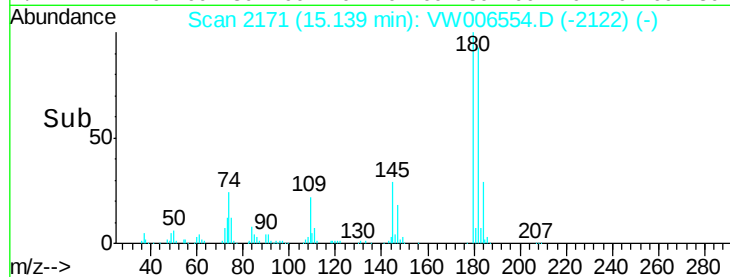
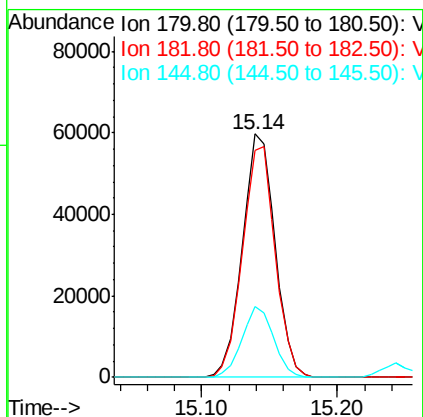
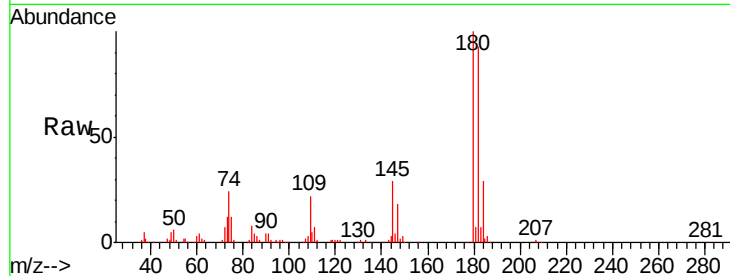




#93
 1,2,4-Trichlorobenzene
 Concen: 21.32 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

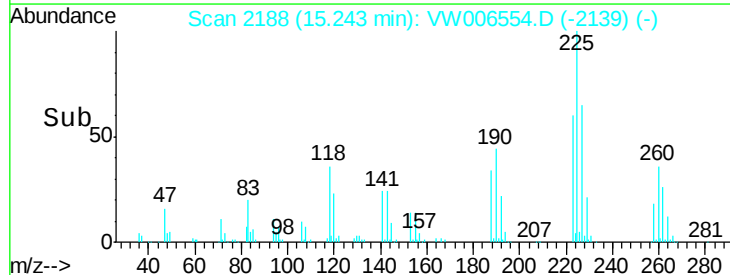
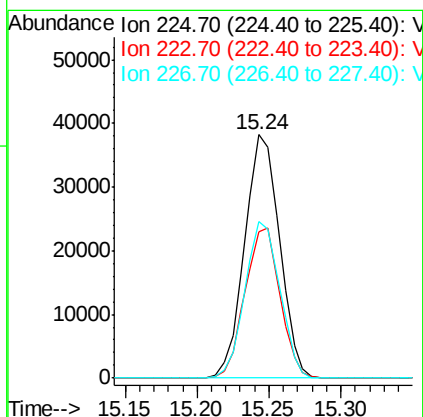
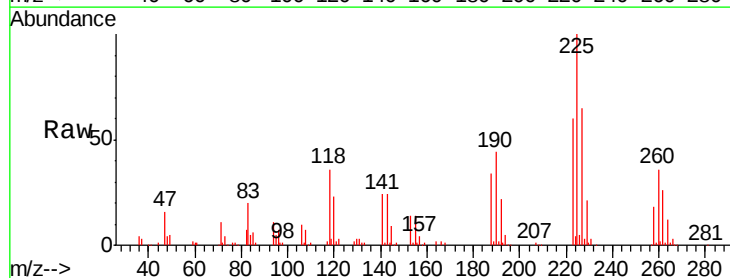
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

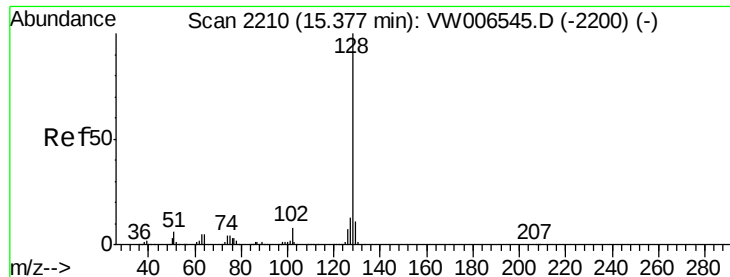
Tgt Ion:180 Resp: 100027
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.5 142.6
 145 28.1 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 21.94 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006554.D
 Acq: 01 Nov 2018 13:05

Tgt Ion:225 Resp: 64140
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.2
 227 64.1 32.2 96.6

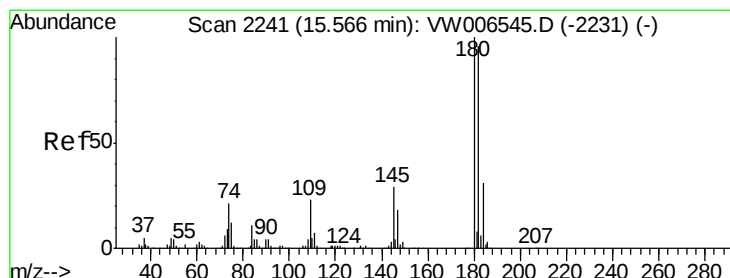
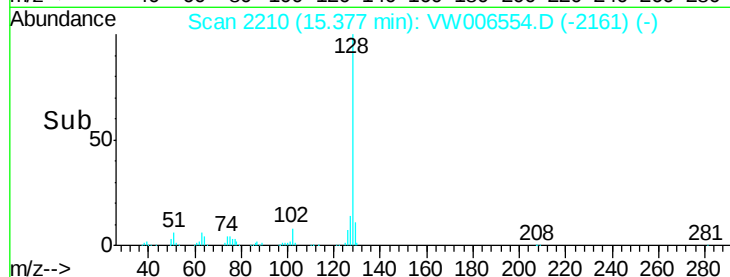
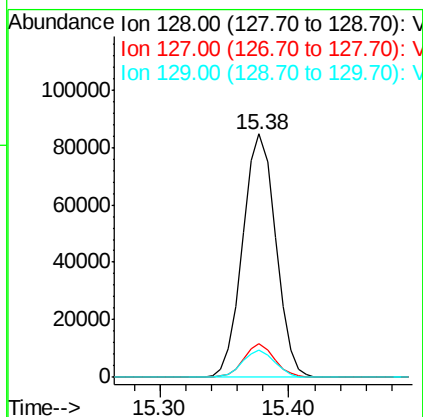
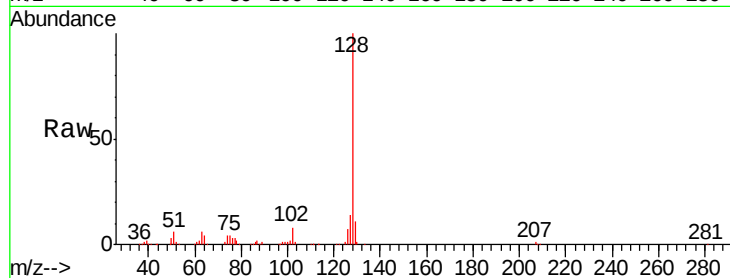




#95
Naphthalene
Concen: 19.92 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBSD01

Tgt Ion:128 Resp: 150194
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.59 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006554.D
Acq: 01 Nov 2018 13:05

Tgt Ion:180 Resp: 84889
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 29.4 14.9 44.5

