

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005179.D
 Acq On : 06 Sep 2018 21:49
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Quant Time: Sep 07 01:06:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	437038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	654677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	218709	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.89	113	206694	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.33	98	939273	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.62	95	351043	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	81828	23.235	ug/l	99
3) Chloromethane	2.21	50	121143	23.704	ug/l	100
4) Vinyl Chloride	2.35	62	109778	22.089	ug/l	99
5) Bromomethane	2.75	94	87967	26.831	ug/l	94
6) Chloroethane	2.91	64	63869	20.647	ug/l	98
7) Trichlorofluoromethane	3.26	101	123152	22.029	ug/l	99
8) Diethyl Ether	3.69	74	48273	23.865	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82731	21.544	ug/l	99
10) Methyl Iodide	4.28	142	29685	8.596	ug/l	98
11) Tert butyl alcohol	5.19	59	36951	183.814	ug/l	99
12) 1,1-Dichloroethene	4.04	96	75961	21.494	ug/l	99
13) Acrolein	3.90	56	27037	114.978	ug/l	97
14) Allyl chloride	4.68	41	121254	21.949	ug/l	98
15) Acrylonitrile	5.38	53	114293	133.959	ug/l	100
16) Acetone	4.13	43	100300	138.049	ug/l	96
17) Carbon Disulfide	4.38	76	268524	21.806	ug/l	98
18) Methyl Acetate	4.68	43	57212	26.768	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	218167	25.423	ug/l	98
20) Methylene Chloride	4.92	84	111570	20.429	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	91490	21.249	ug/l	97
22) Diisopropyl ether	6.32	45	279334	24.030	ug/l	98
23) Vinyl Acetate	6.26	43	796965	130.524	ug/l	99
24) 1,1-Dichloroethane	6.23	63	160218	22.051	ug/l	99
25) 2-Butanone	7.18	43	175423	139.203	ug/l	97
26) 2,2-Dichloropropane	7.17	77	119904	20.081	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	101562	21.563	ug/l	98
28) Bromochloromethane	7.52	49	68419	23.395	ug/l	97
29) Tetrahydrofuran	7.54	42	92378	143.464	ug/l	98
30) Chloroform	7.68	83	164749	22.215	ug/l	96
31) Cyclohexane	7.96	56	156464	21.989	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	136467	21.129	ug/l	100
36) 1,1-Dichloropropene	8.09	75	137803	22.013	ug/l	98
37) Ethyl Acetate	7.26	43	67279	28.737	ug/l	99
38) Carbon Tetrachloride	8.07	117	120579	20.257	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	154789	20.446	ug/l	95
40) Benzene	8.33	78	409311	21.358	ug/l	98
41) Methacrylonitrile	7.49	41	32111	23.672	ug/l	90
42) 1,2-Dichloroethane	8.41	62	104714	22.326	ug/l	100
43) Isopropyl Acetate	8.43	43	112680	26.450	ug/l	99
44) Trichloroethene	9.10	130	108164	20.918	ug/l	97
45) 1,2-Dichloropropane	9.38	63	103715	22.153	ug/l	97
46) Dibromomethane	9.46	93	50825	22.703	ug/l	97
47) Bromodichloromethane	9.65	83	123139	21.845	ug/l	100
48) Methyl methacrylate	9.44	41	51647	25.177	ug/l	98
49) 1,4-Dioxane	9.46	88	18372	507.468	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	394266	138.089	ug/l	99
52) Toluene	10.40	92	268562	20.682	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	124983	22.564	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	151639	22.511	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	82404	23.774	ug/l	99
56) Ethyl methacrylate	10.65	69	95328	24.107	ug/l	97
57) 1,3-Dichloropropane	10.94	76	136022	23.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	252376	134.686	ug/l	99
59) 2-Hexanone	10.98	43	268698	139.141	ug/l	99
60) Dibromochloromethane	11.13	129	89534	22.849	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74219	23.717	ug/l	99
64) Tetrachloroethene	10.87	164	101908	19.839	ug/l	98
65) Chlorobenzene	11.66	112	302148	20.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	94459	20.973	ug/l	98
67) Ethyl Benzene	11.74	91	499427	20.045	ug/l	100
68) m/p-Xylenes	11.85	106	409963	41.094	ug/l	99
69) o-Xylene	12.17	106	190156	20.616	ug/l	99
70) Styrene	12.19	104	320689	21.048	ug/l	100
71) Bromoform	12.35	173	54238	22.722	ug/l #	99
73) Isopropylbenzene	12.47	105	503778	19.490	ug/l	100
74) N-amyl acetate	12.28	43	109684	24.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94158	23.929	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	119889	43.571	ug/l #	100
77) Bromobenzene	12.76	156	126779	19.906	ug/l	96
78) n-propylbenzene	12.81	91	626476	20.077	ug/l	99
79) 2-Chlorotoluene	12.90	91	362170	19.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	443929	19.860	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26208	22.925	ug/l	98
82) 4-Chlorotoluene	12.99	91	386767	20.120	ug/l	99
83) tert-Butylbenzene	13.21	119	369520	19.796	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	460616	20.234	ug/l	100
85) sec-Butylbenzene	13.39	105	542695	19.783	ug/l	100
86) p-Isopropyltoluene	13.51	119	484320	19.944	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	259998	19.874	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261130	20.122	ug/l	98
89) n-Butylbenzene	13.83	91	448796	19.942	ug/l	99
90) Hexachloroethane	14.10	117	78742	19.521	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	235182	20.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14636	23.802	ug/l	99

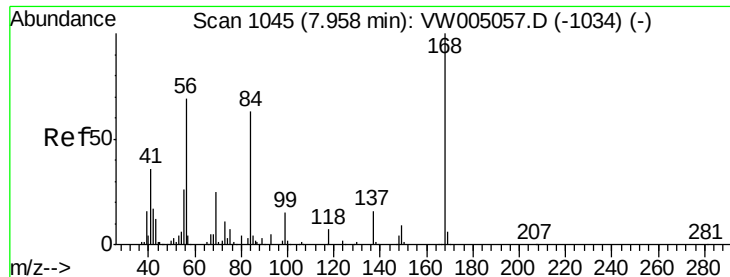
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
Data File : VW005179.D
Acq On : 06 Sep 2018 21:49
Operator : SY/AP
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	160636	21.010	ug/l	99
94) Hexachlorobutadiene	15.25	225	94932	19.964	ug/l	99
95) Naphthalene	15.38	128	282809	23.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146087	22.326	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

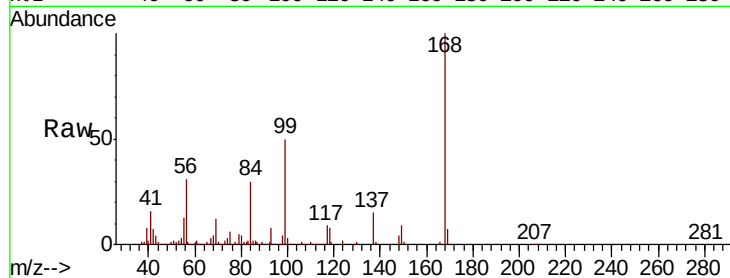
VW0906SBSD01

Tgt Ion:168 Resp: 437038

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

100000

50000

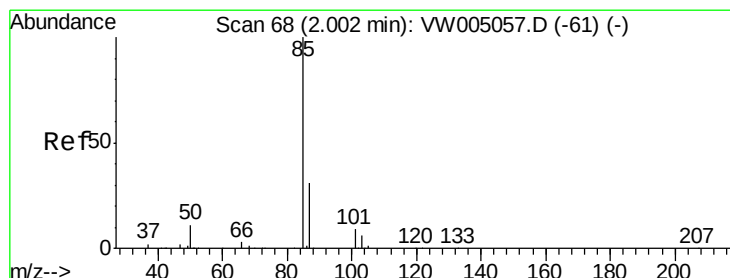
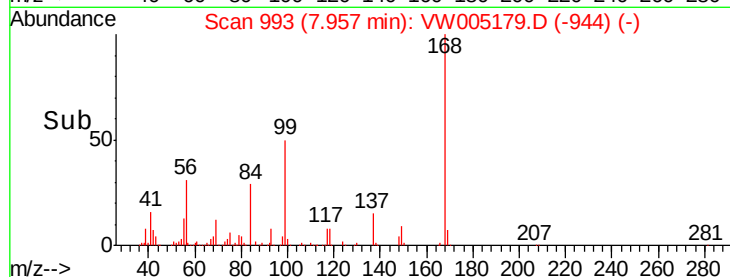
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.235 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005179.D

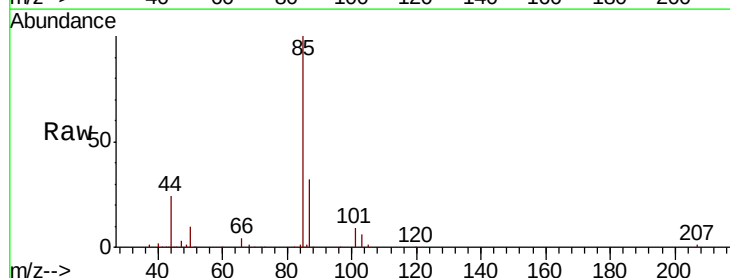
Acq: 06 Sep 2018 21:49

Tgt Ion: 85 Resp: 81828

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

20000

10000

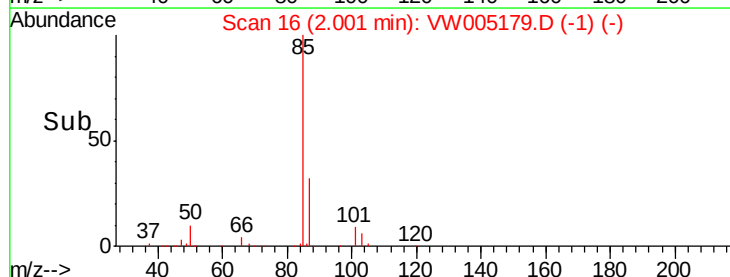
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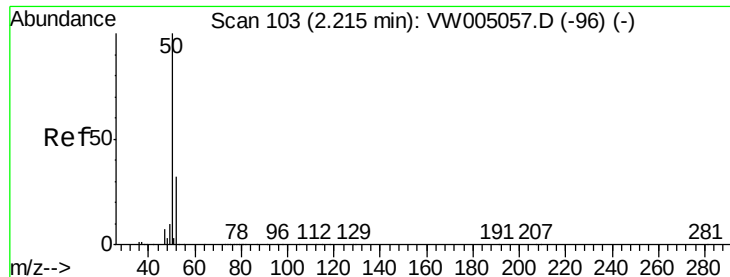
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 23.704 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

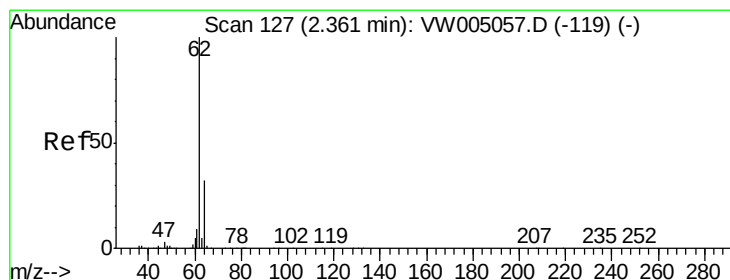
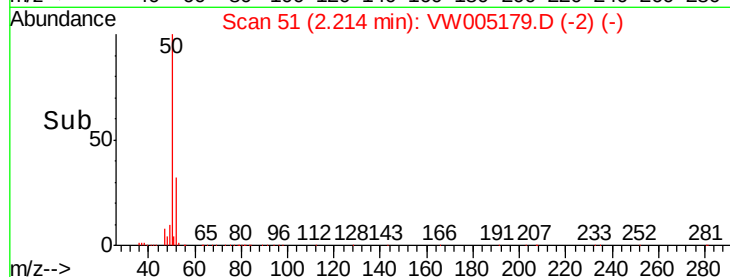
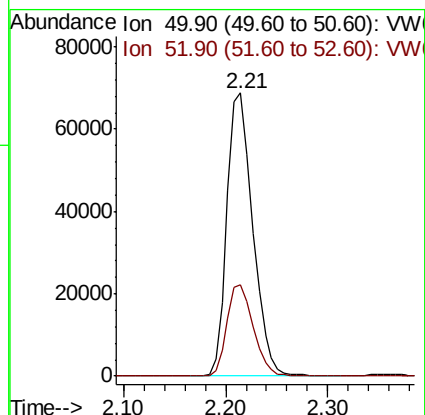
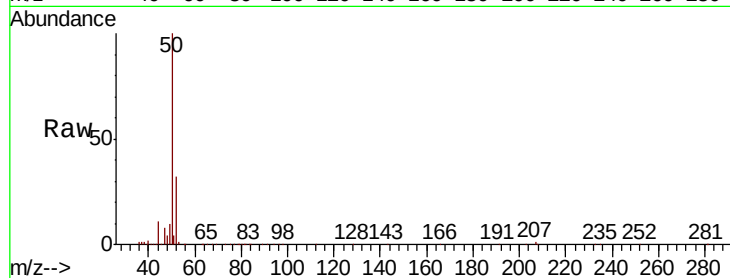
VW0906SBSD01

Tgt Ion: 50 Resp: 121143

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 22.089 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005179.D

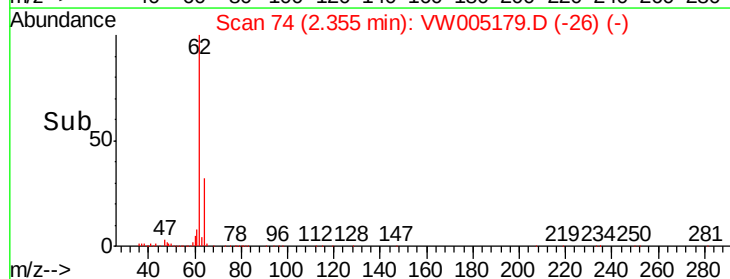
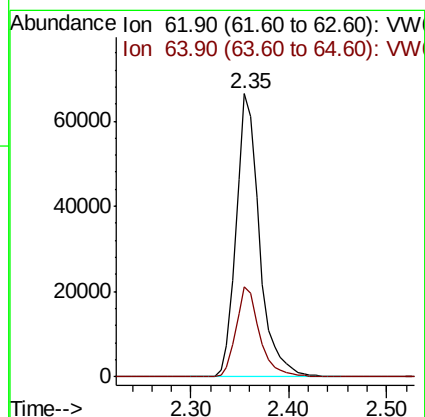
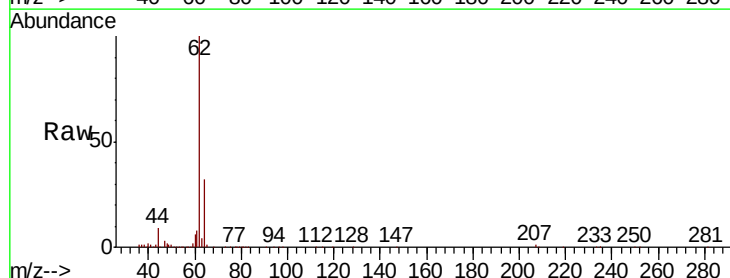
Acq: 06 Sep 2018 21:49

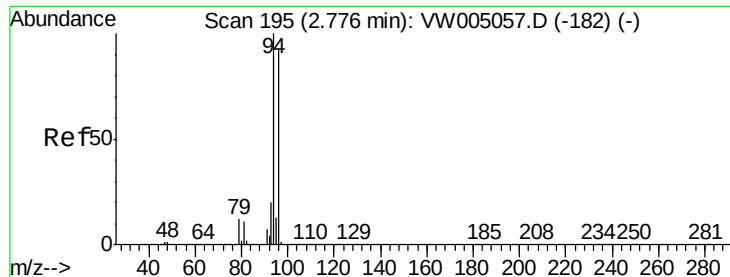
Tgt Ion: 62 Resp: 109778

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 26.831 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.03 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

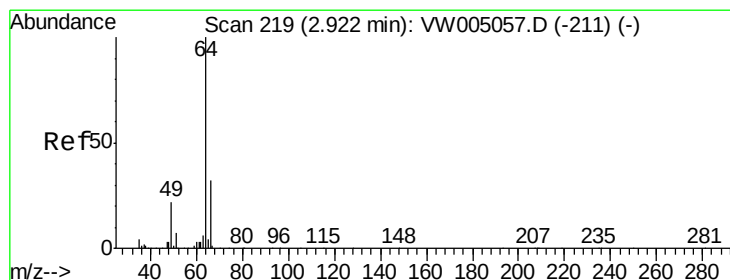
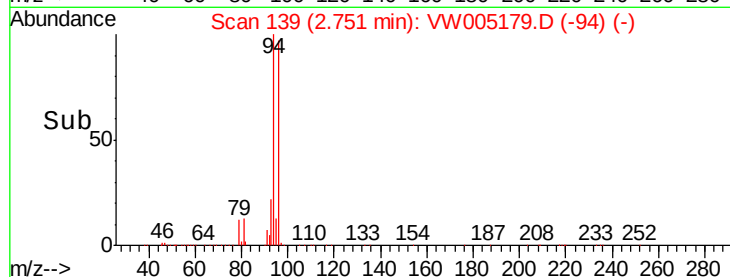
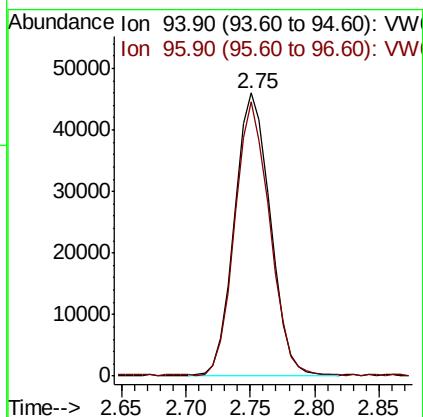
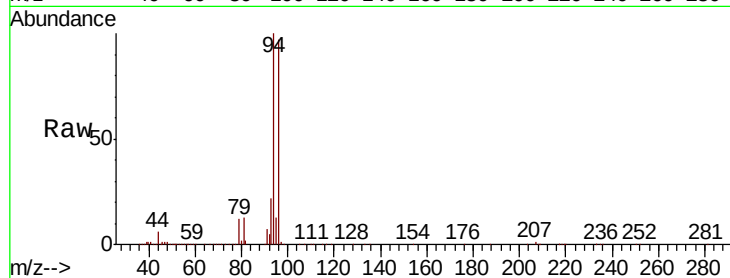
VW0906SBSD01

Tgt Ion: 94 Resp: 87967

Ion Ratio Lower Upper

94 100

96 96.8 73.2 109.8



#6

Chloroethane

Concen: 20.647 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005179.D

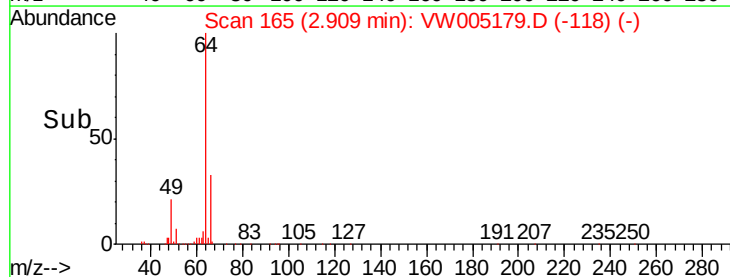
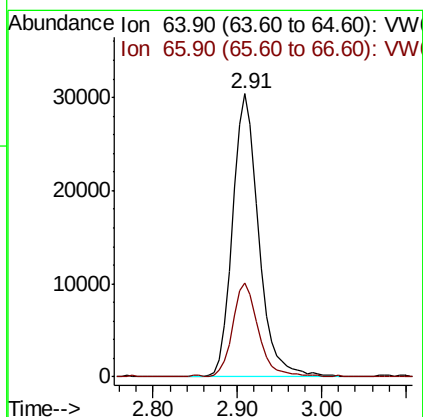
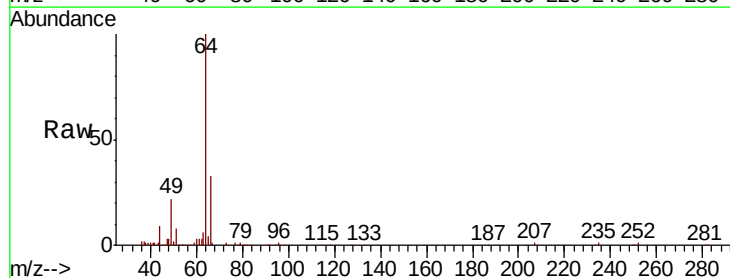
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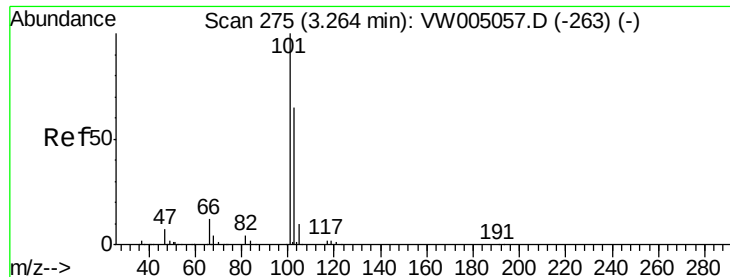
Tgt Ion: 64 Resp: 63869

Ion Ratio Lower Upper

64 100

66 33.1 25.7 38.5



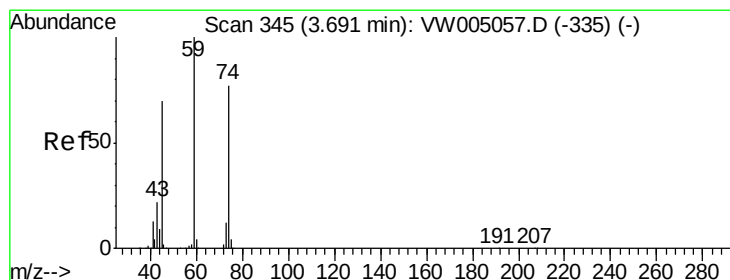
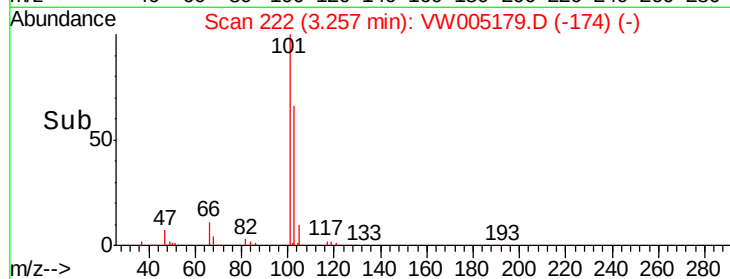
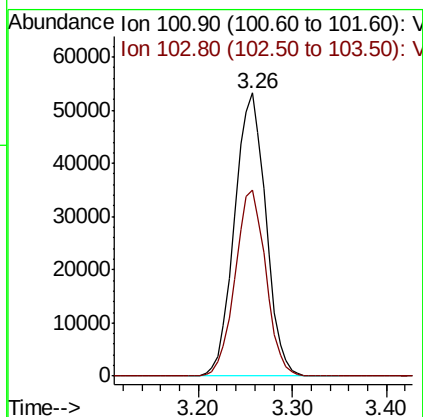
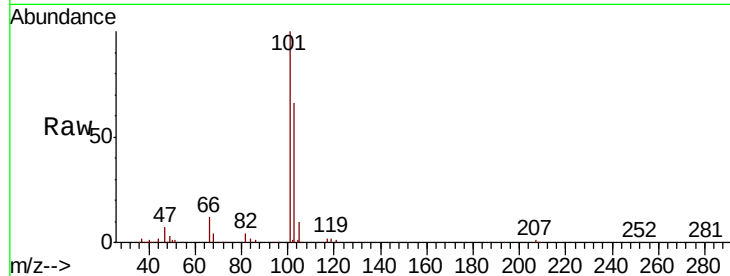


#7

Trichlorofluoromethane
 Concen: 22.029 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

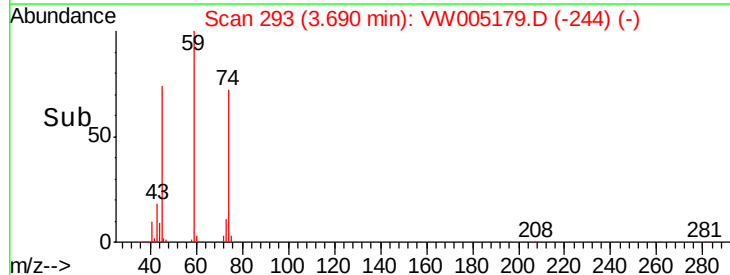
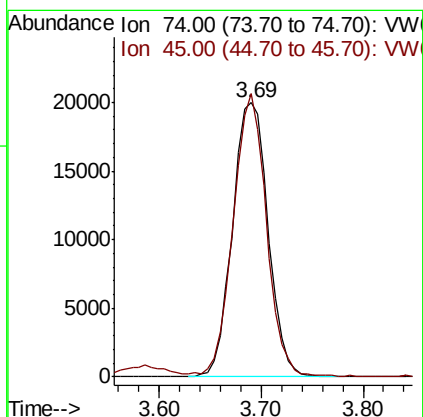
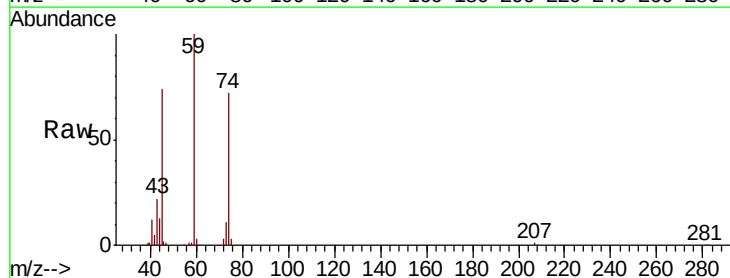
Tgt Ion: 101 Resp: 123152
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9

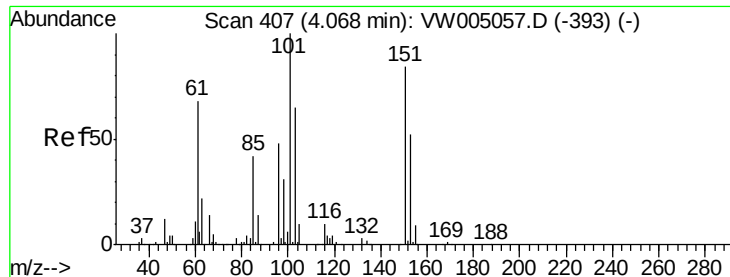


#8

Diethyl Ether
 Concen: 23.865 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 74 Resp: 48273
 Ion Ratio Lower Upper
 74 100
 45 96.2 46.0 137.8

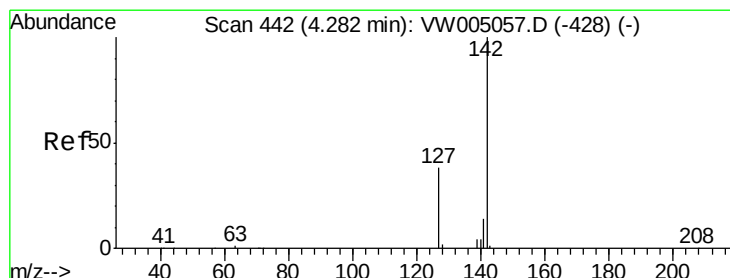
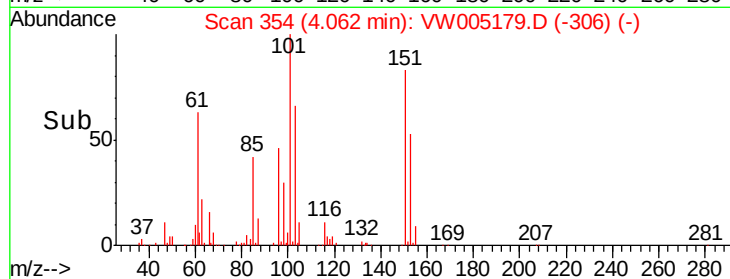
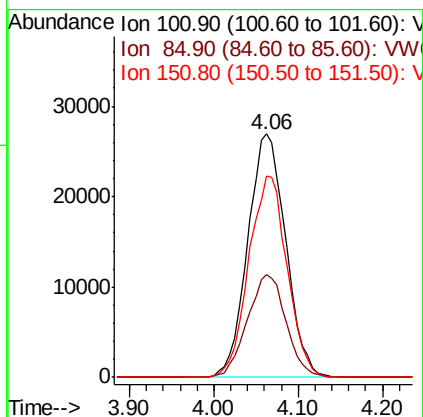
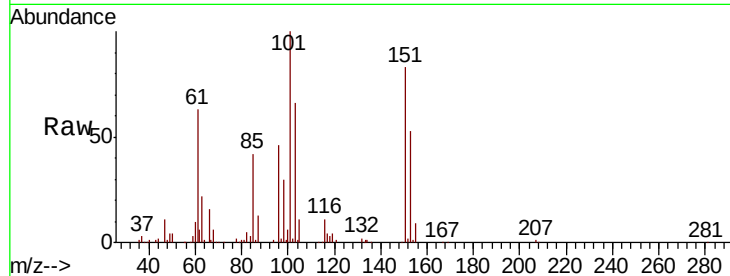




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.544 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

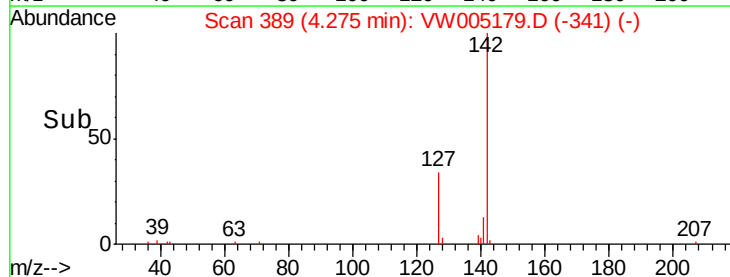
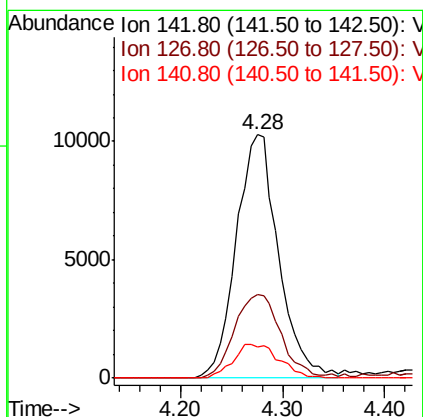
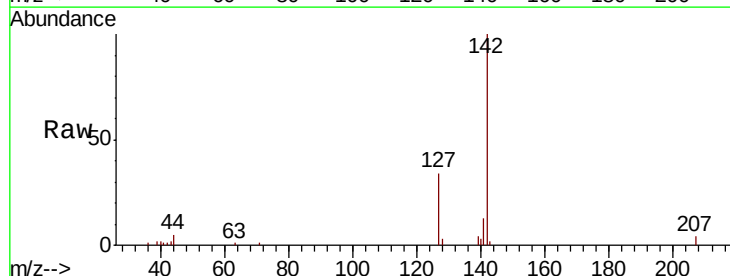
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 VW0906SBSD01

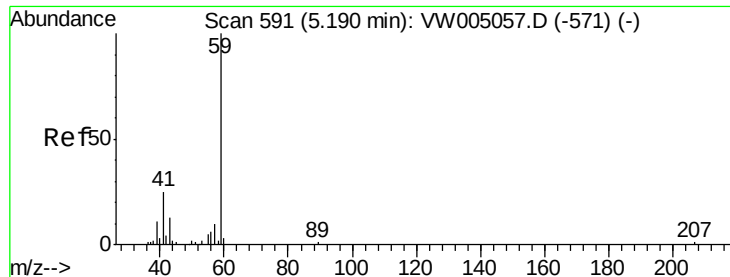
Tgt Ion:101 Resp: 82731
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.0 49.6
 151 83.3 67.0 100.6



#10
 Methyl Iodide
 Concen: 8.596 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion:142 Resp: 29685
 Ion Ratio Lower Upper
 142 100
 127 37.4 30.8 46.2
 141 15.0 11.6 17.4

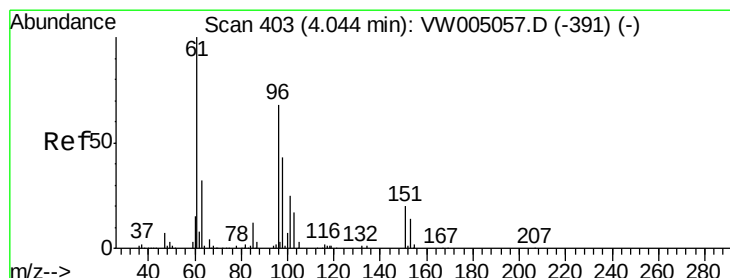
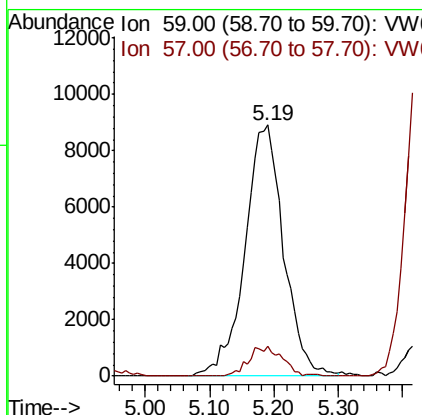
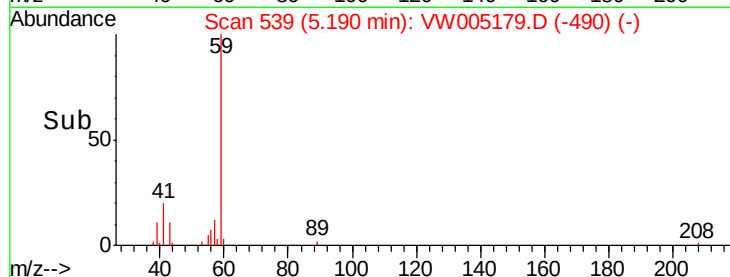
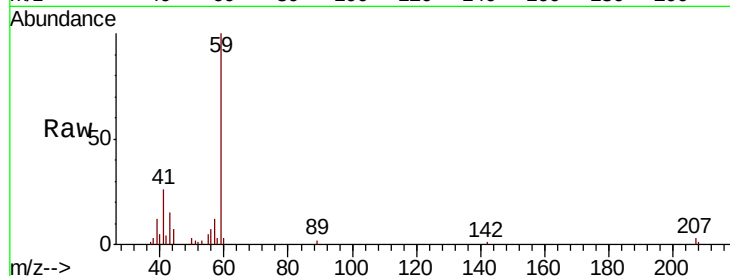




#11
Tert butyl alcohol
Concen: 183.814 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

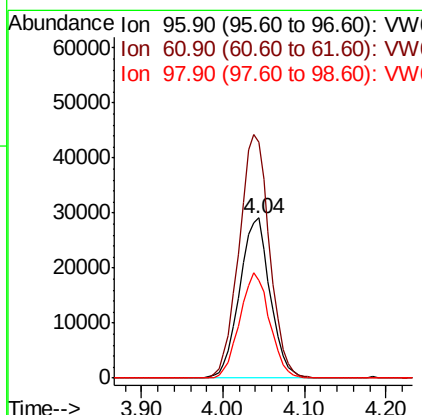
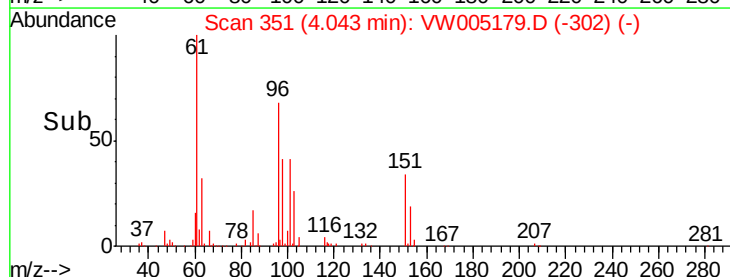
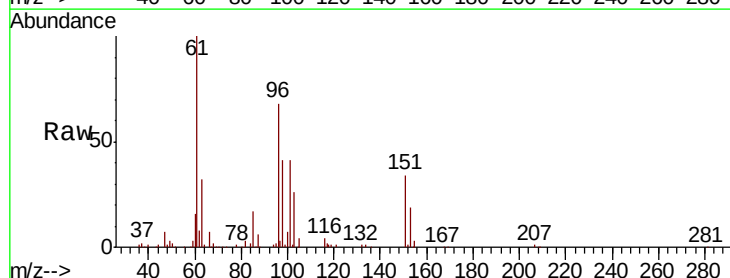
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

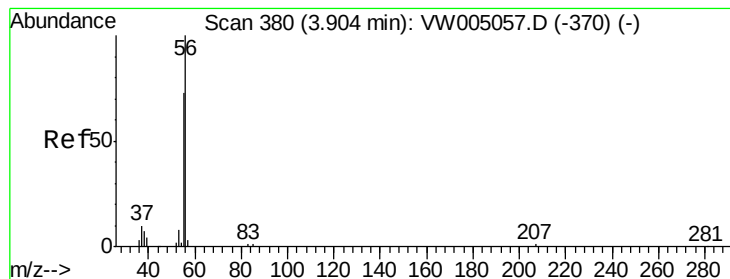
Tgt Ion: 59 Resp: 36951
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.494 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 96 Resp: 75961
Ion Ratio Lower Upper
96 100
61 147.4 117.4 176.0
98 61.0 51.0 76.4





#13

Acrolein

Concen: 114.978 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

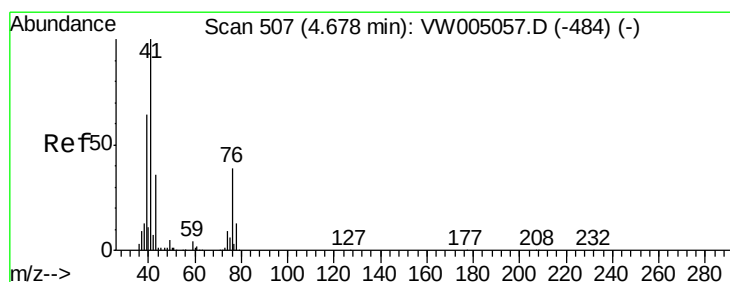
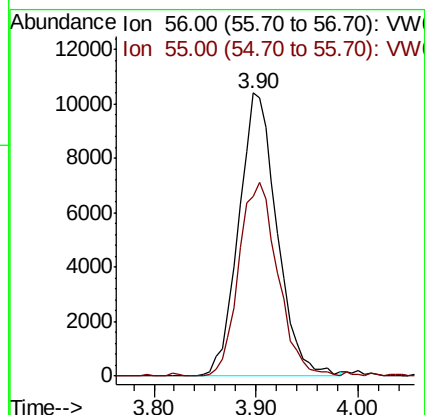
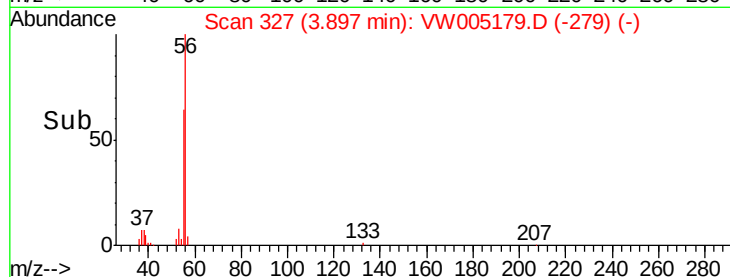
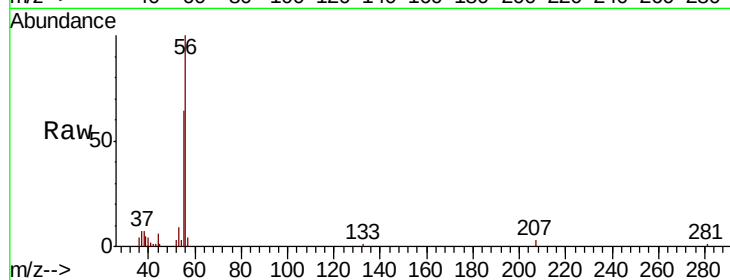
VW0906SBSD01

Tgt Ion: 56 Resp: 27037

Ion Ratio Lower Upper

56 100

55 69.8 58.1 87.1



#14

Allyl chloride

Concen: 21.949 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

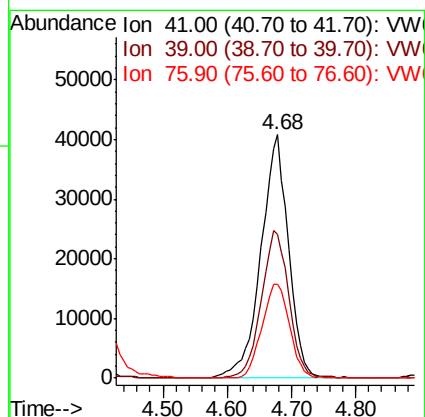
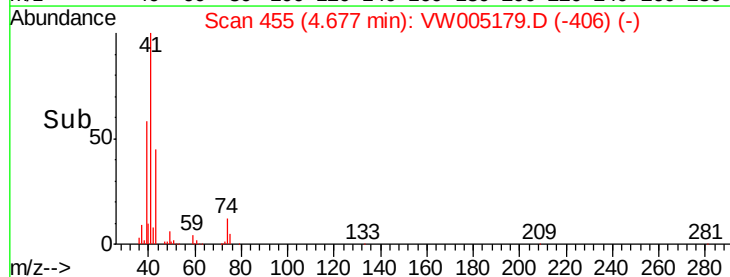
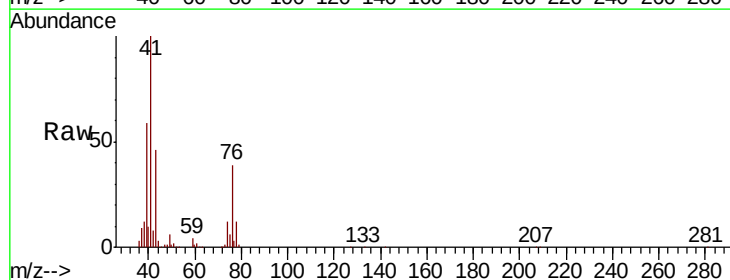
Tgt Ion: 41 Resp: 121254

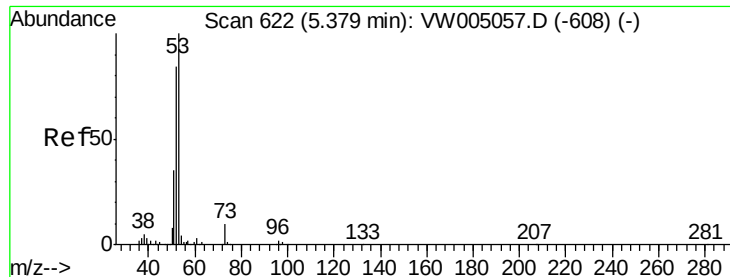
Ion Ratio Lower Upper

41 100

39 60.5 49.4 74.2

76 38.5 31.8 47.6





#15

Acrylonitrile

Concen: 133.959 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

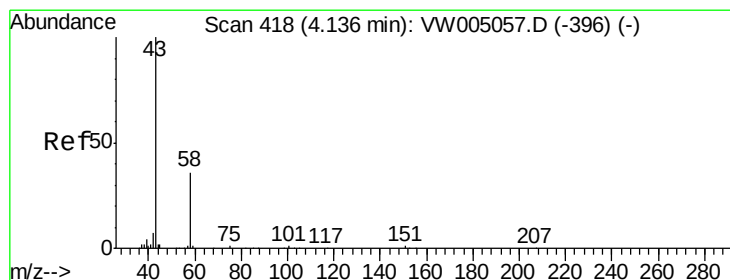
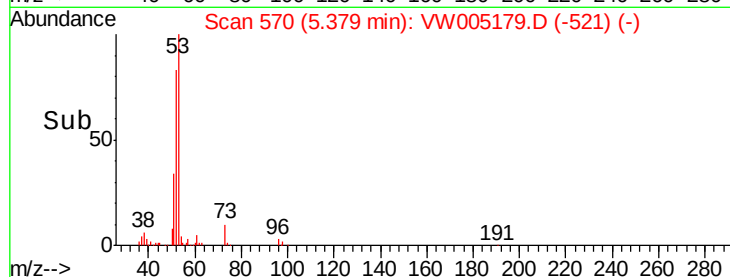
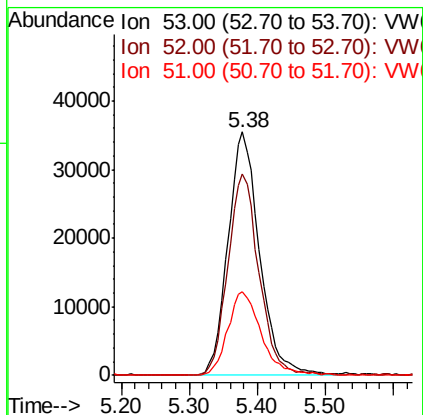
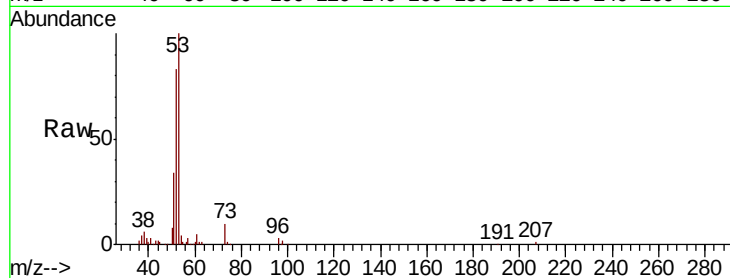
Tgt Ion: 53 Resp: 114293

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

51 36.3 28.8 43.2



#16

Acetone

Concen: 138.049 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005179.D

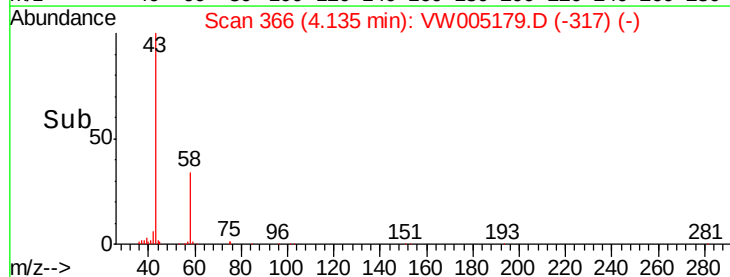
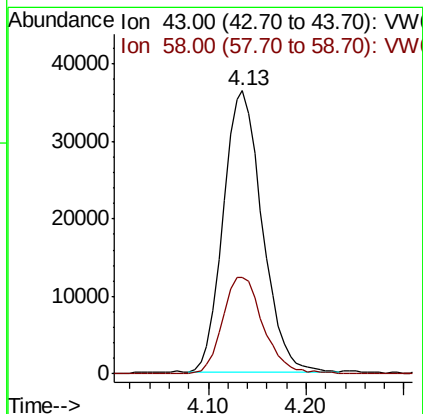
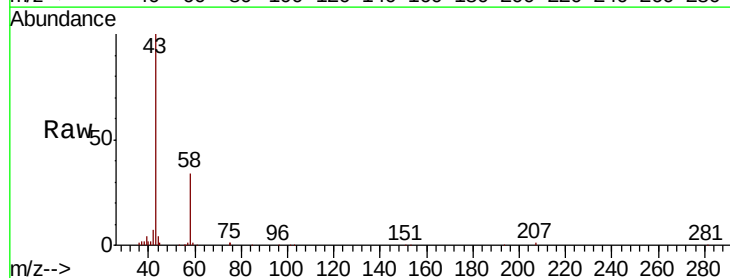
Acq: 06 Sep 2018 21:49

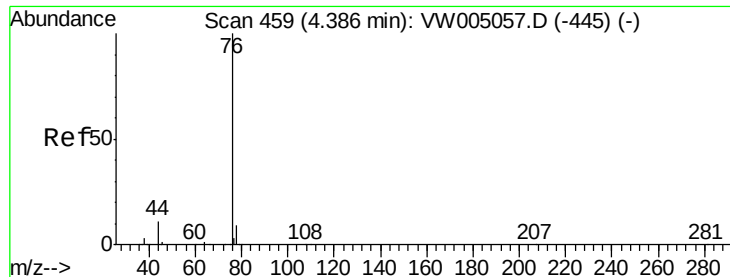
Tgt Ion: 43 Resp: 100300

Ion Ratio Lower Upper

43 100

58 34.1 29.0 43.6





#17

Carbon Disulfide

Concen: 21.806 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

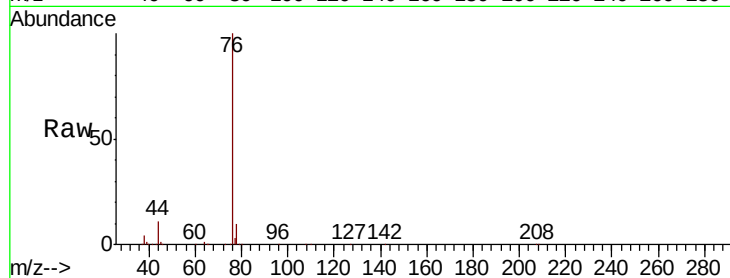
VW0906SBSD01

Tgt Ion: 76 Resp: 268524

Ion Ratio Lower Upper

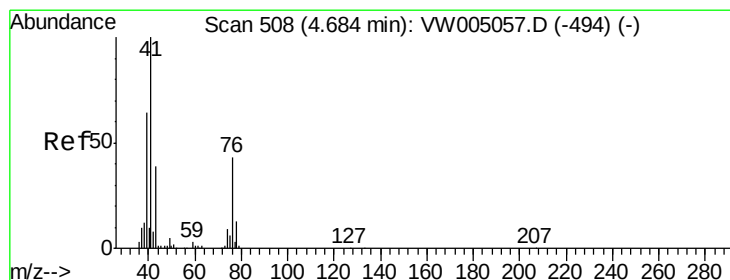
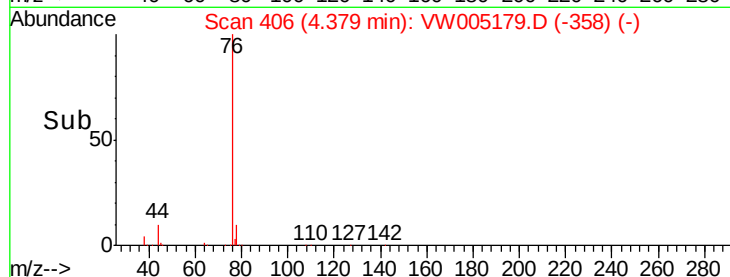
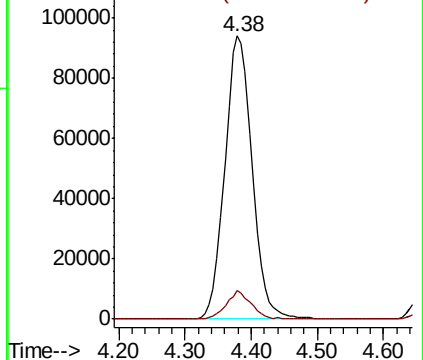
76 100

78 10.0 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: 26.768 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005179.D

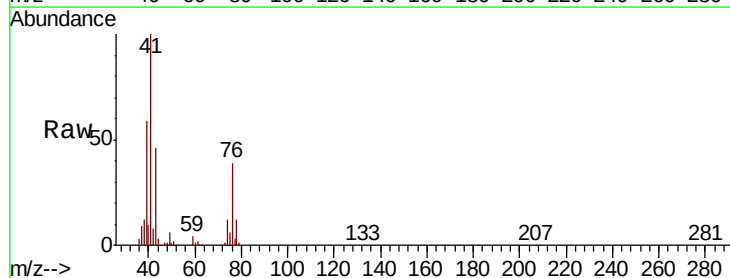
Acq: 06 Sep 2018 21:49

Tgt Ion: 43 Resp: 57212

Ion Ratio Lower Upper

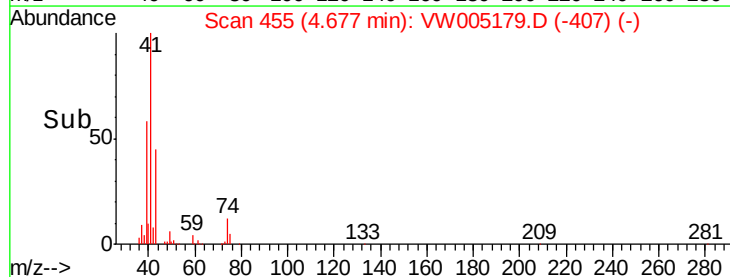
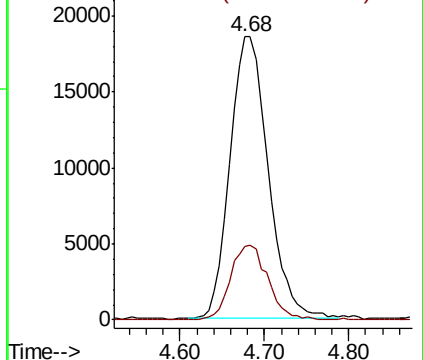
43 100

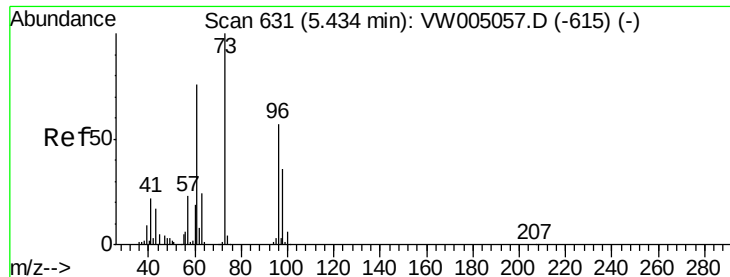
74 25.8 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

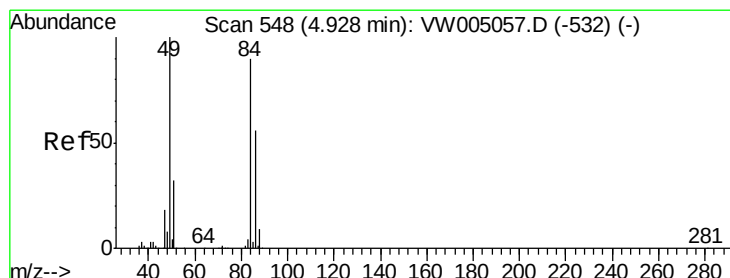
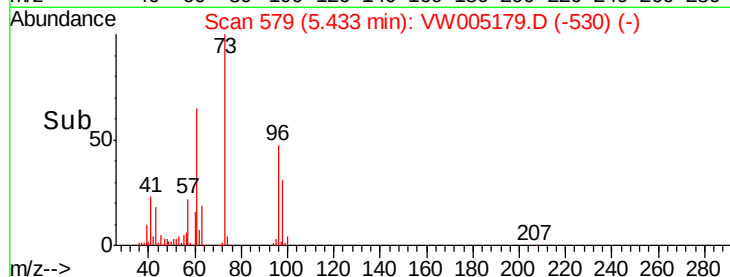
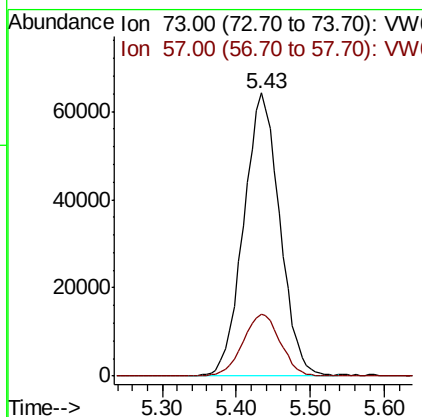
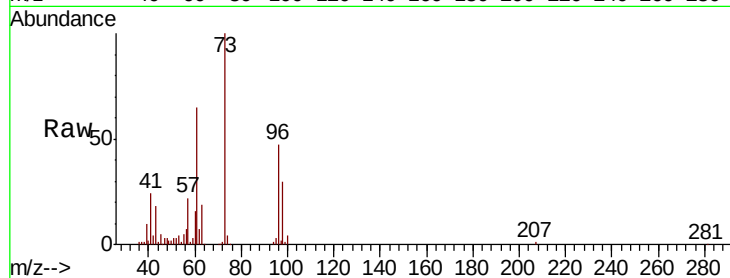




#19
Methyl tert-butyl Ether
Concen: 25.423 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

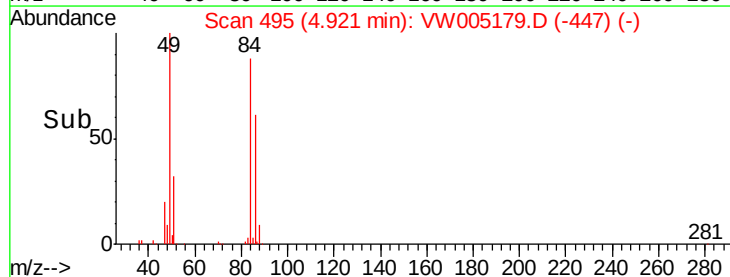
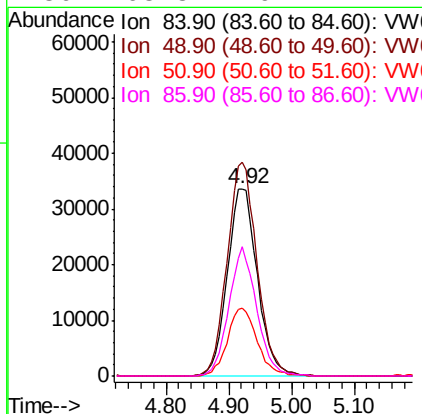
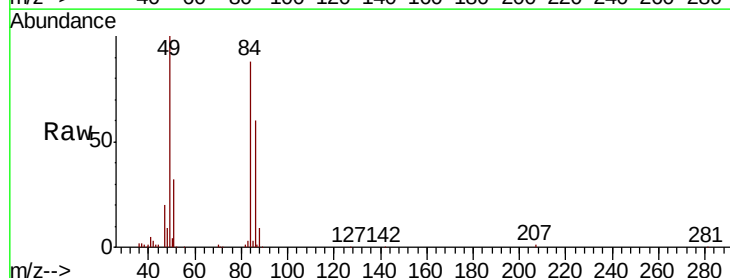
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

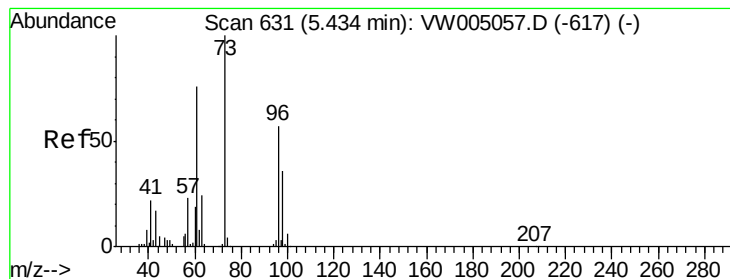
Tgt Ion: 73 Resp: 218167
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 20.429 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 84 Resp: 111570
Ion Ratio Lower Upper
84 100
49 114.2 88.7 133.1
51 36.6 28.6 42.8
86 68.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.249 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

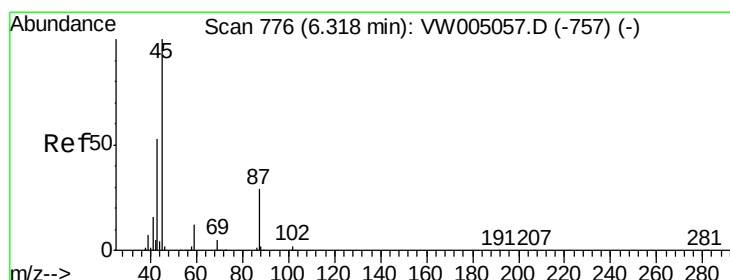
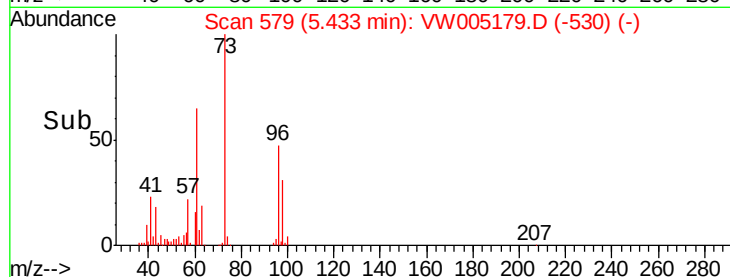
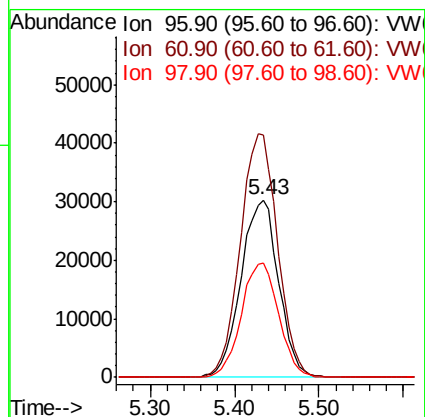
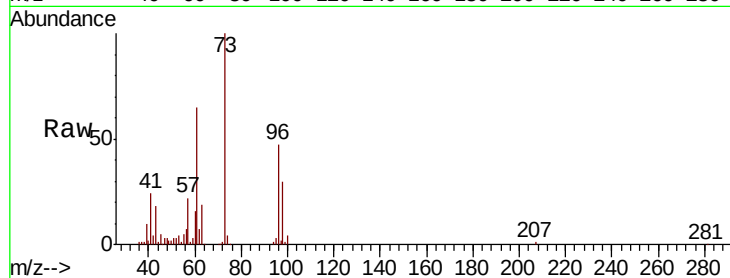
Tgt Ion: 96 Resp: 91490

Ion Ratio Lower Upper

96 100

61 136.7 106.3 159.5

98 64.6 50.9 76.3



#22

Diisopropyl ether

Concen: 24.030 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion: 45 Resp: 279334

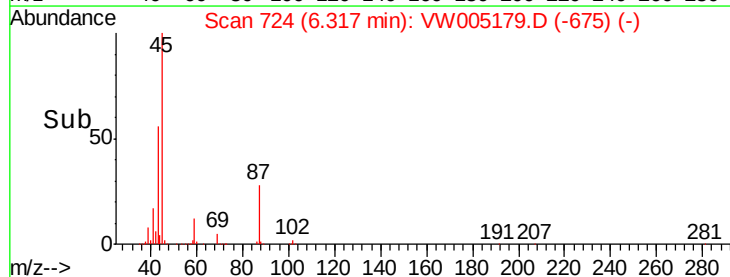
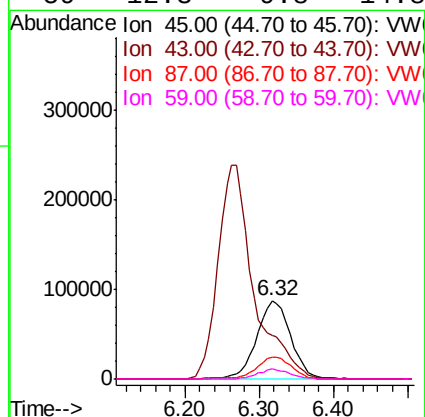
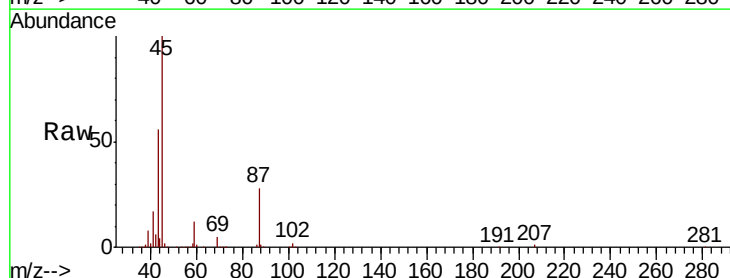
Ion Ratio Lower Upper

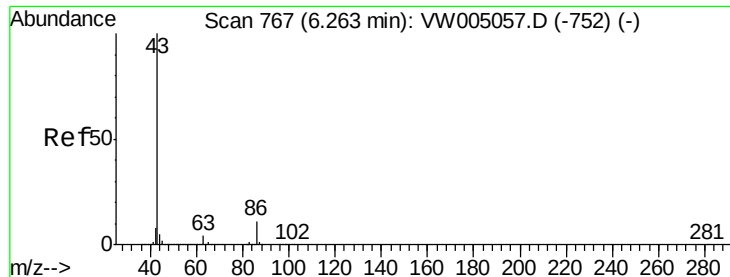
45 100

43 55.1 42.6 63.8

87 28.1 23.6 35.4

59 12.3 9.8 14.8





#23

Vinyl Acetate

Concen: 130.524 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

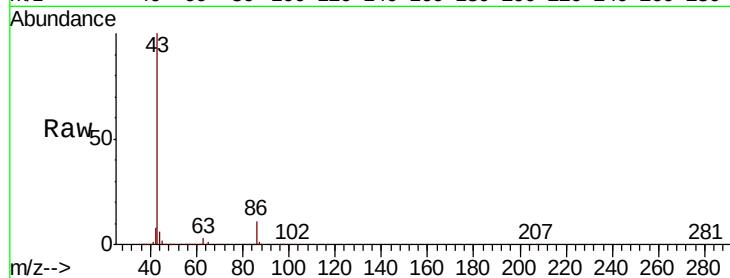
VW0906SBSD01

Tgt Ion: 43 Resp: 796965

Ion Ratio Lower Upper

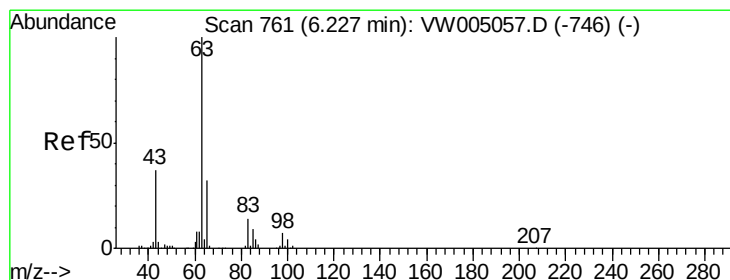
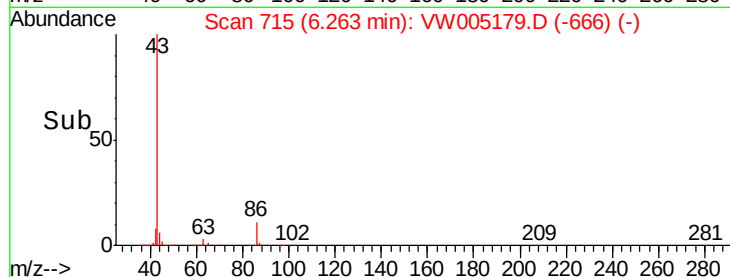
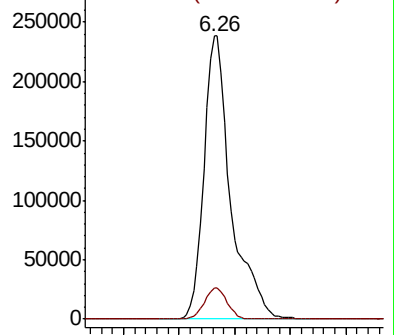
43 100

86 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.051 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

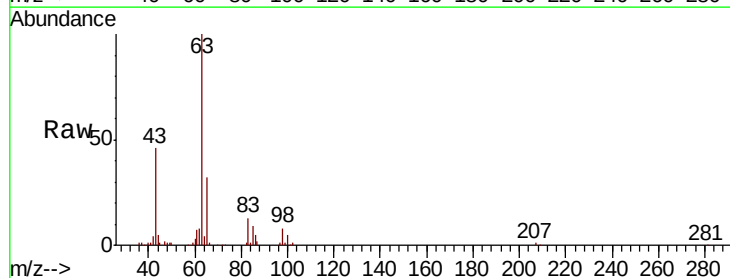
Tgt Ion: 63 Resp: 160218

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

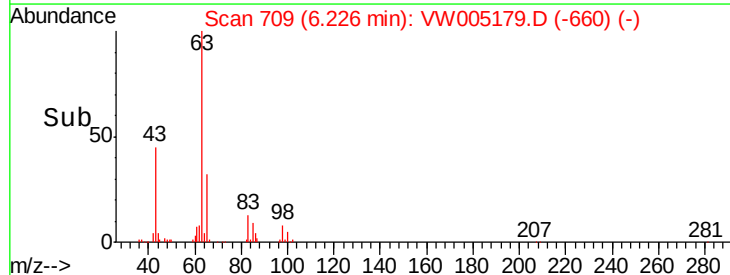
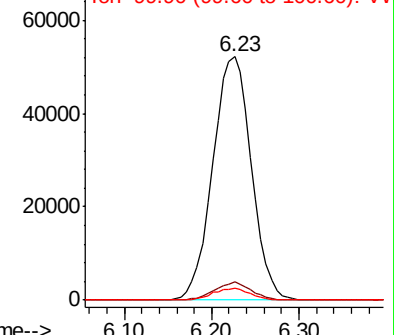
100 4.7 2.2 6.6

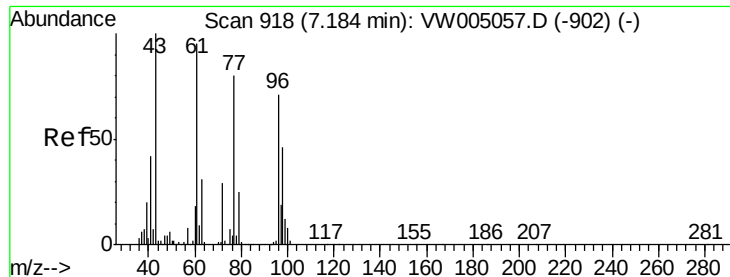


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

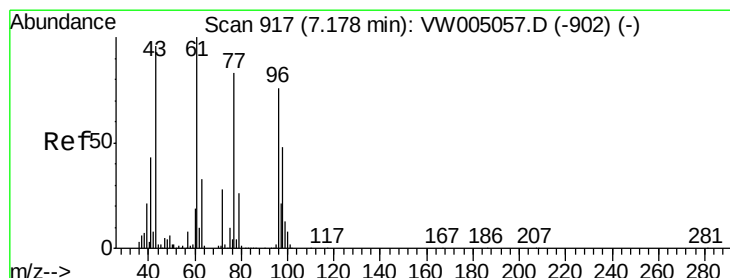
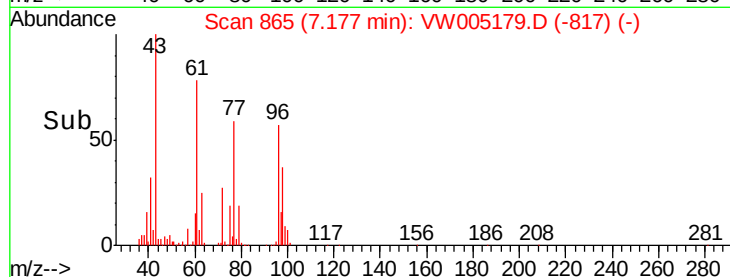
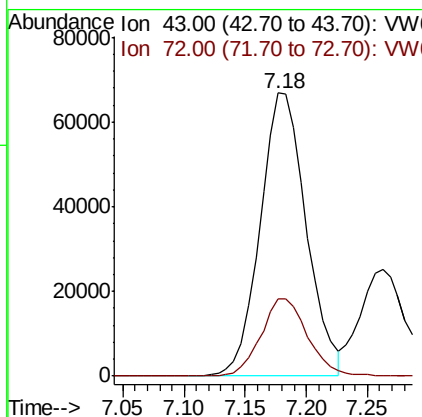
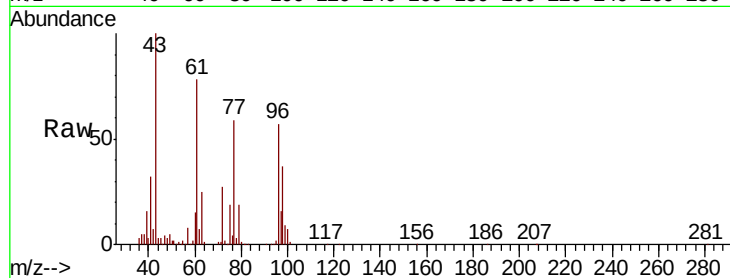




#25
2-Butanone
Concen: 139.203 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

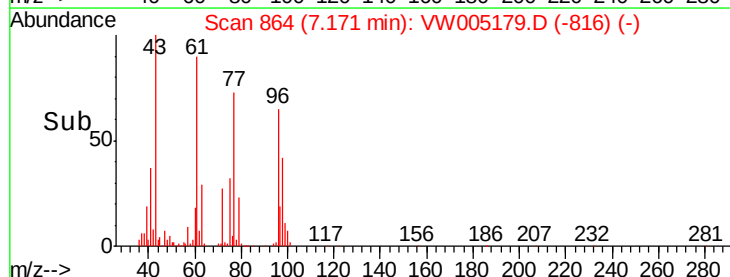
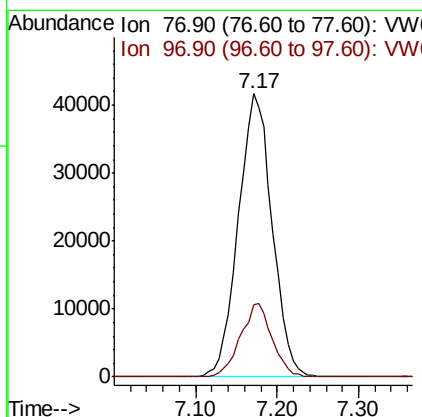
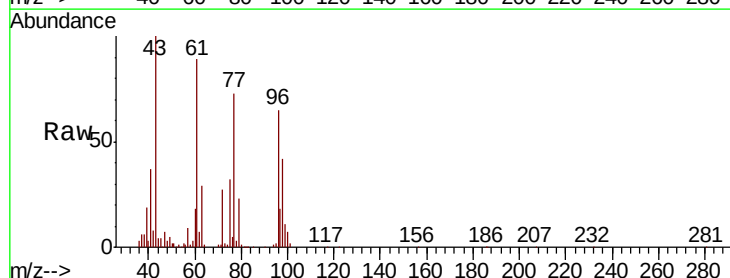
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

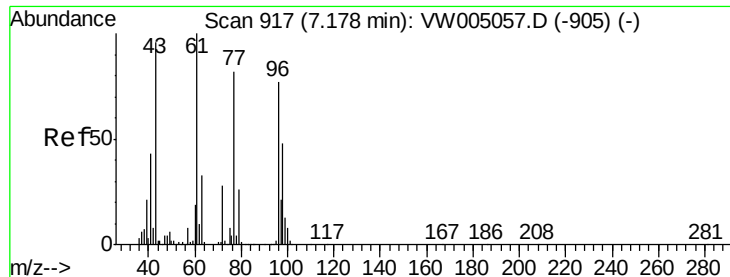
Tgt Ion: 43 Resp: 175423
Ion Ratio Lower Upper
43 100
72 27.2 23.1 34.7



#26
2,2-Dichloropropane
Concen: 20.081 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 77 Resp: 119904
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6



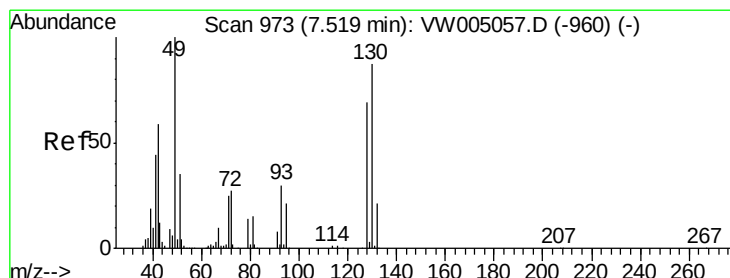
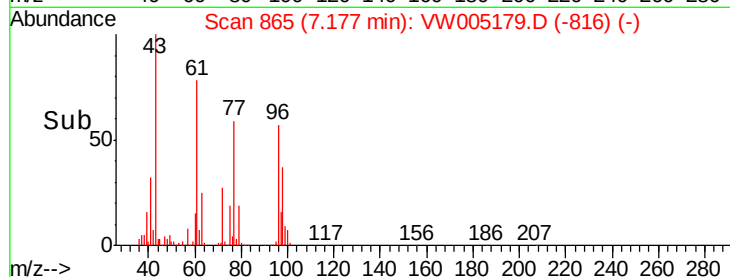
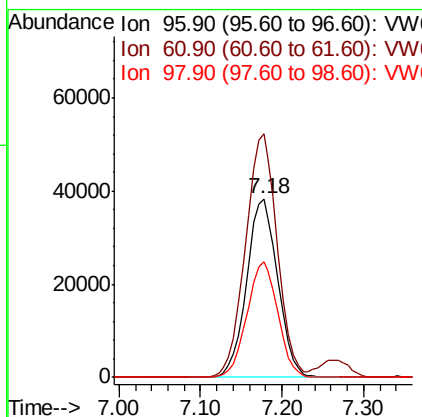
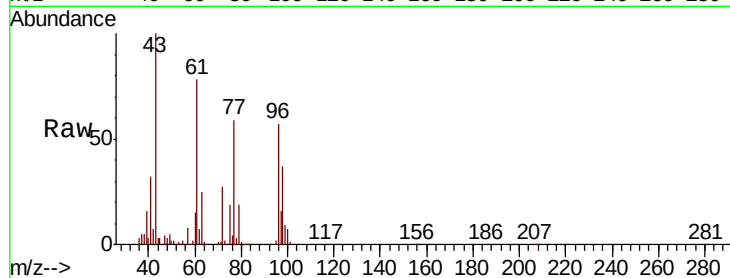


#27

cis-1,2-Dichloroethene
Concen: 21.563 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

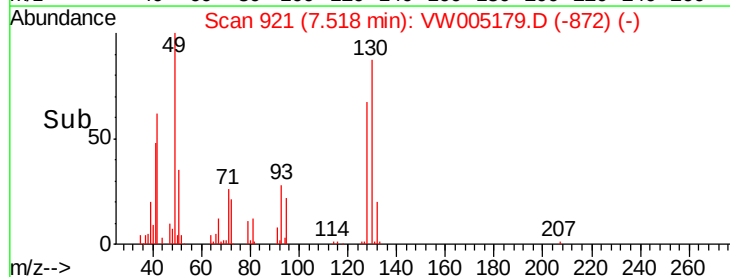
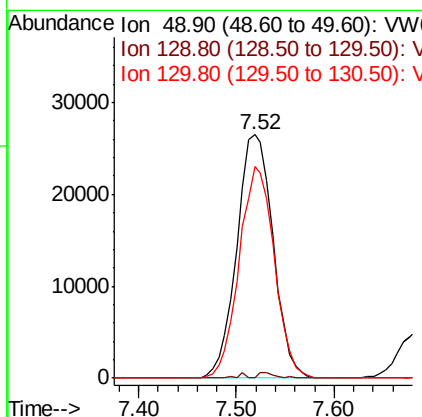
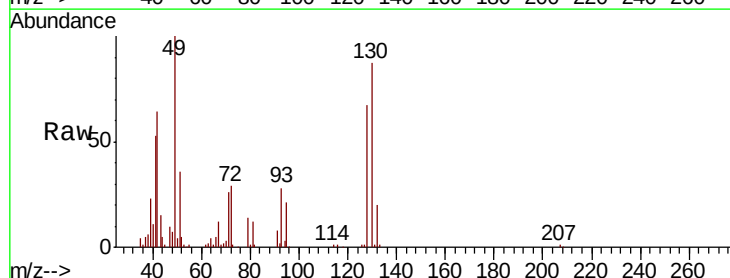
Tgt Ion	Resp	Lower	Upper
96	101562		
61	139.4	0.0	273.2
98	64.5	0.0	127.8

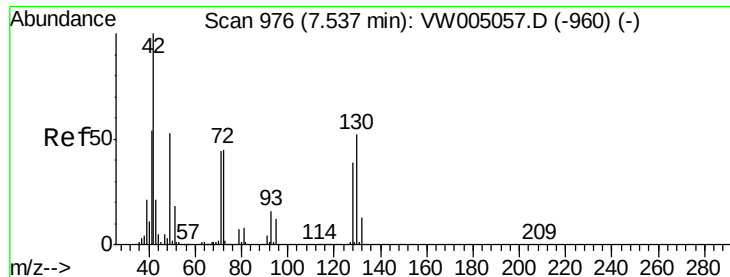


#28

Bromochloromethane
Concen: 23.395 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Resp	Lower	Upper
49	68419		
129	1.0	0.0	4.4
130	84.2	69.6	104.4





#29

Tetrahydrofuran

Concen: 143.464 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

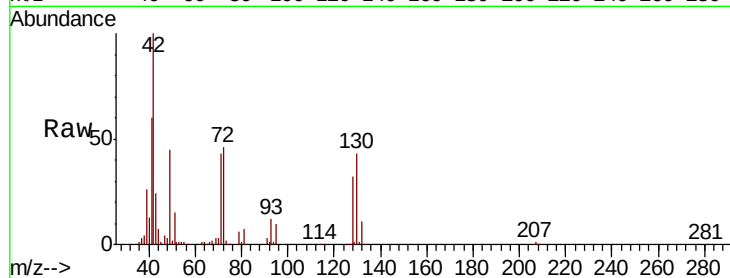
Tgt Ion: 42 Resp: 92378

Ion Ratio Lower Upper

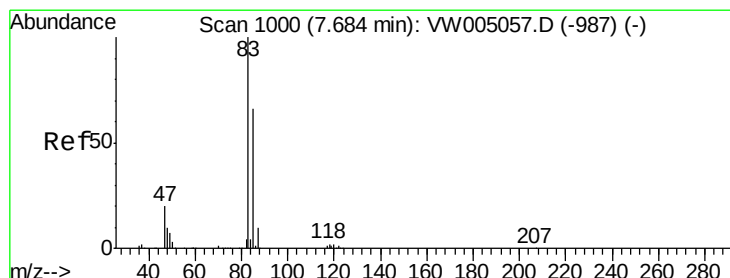
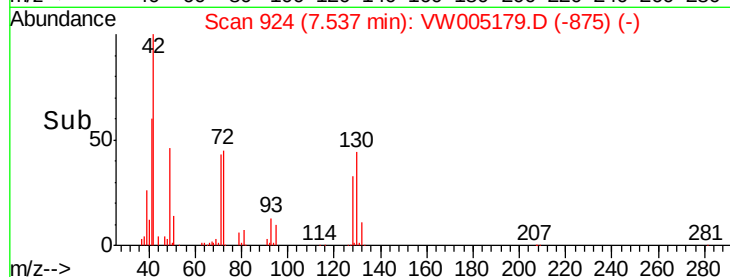
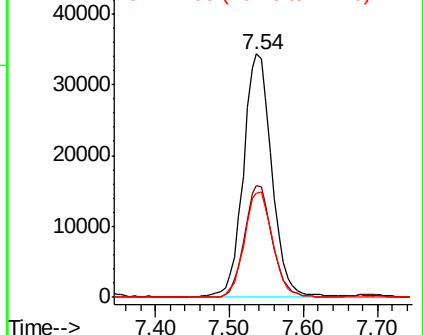
42 100

72 44.7 37.0 55.4

71 42.9 35.0 52.6



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



#30

Chloroform

Concen: 22.215 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005179.D

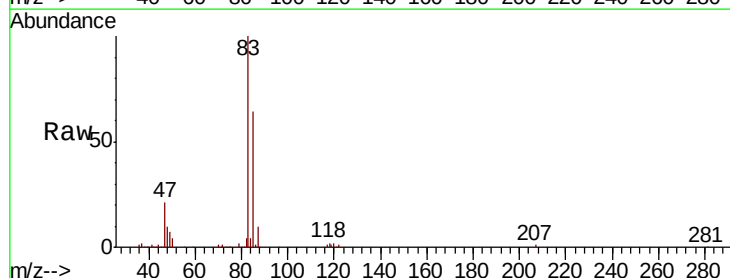
Acq: 06 Sep 2018 21:49

Tgt Ion: 83 Resp: 164749

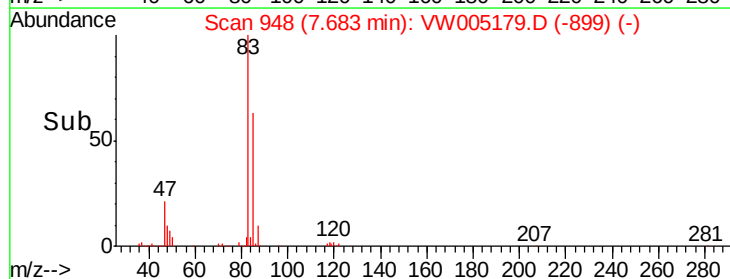
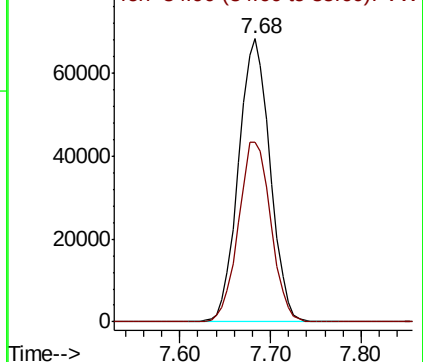
Ion Ratio Lower Upper

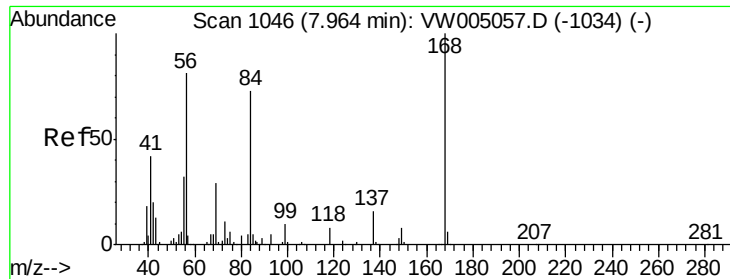
83 100

85 63.6 53.1 79.7



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

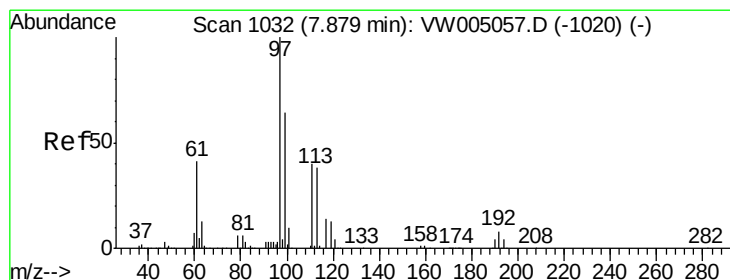
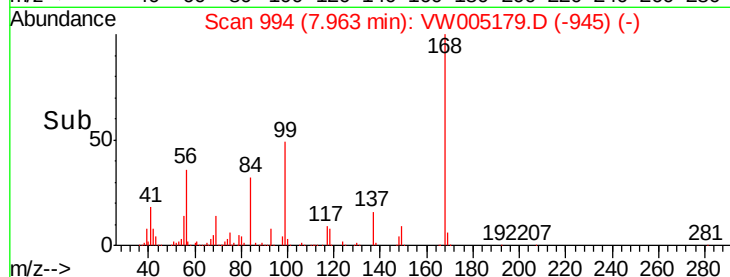
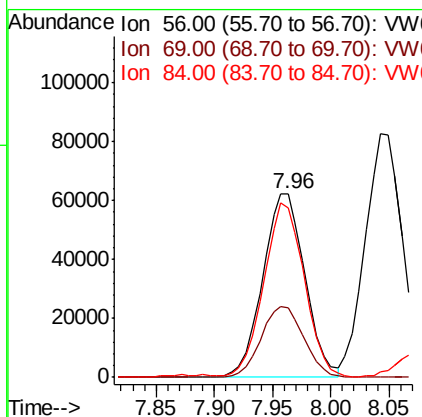
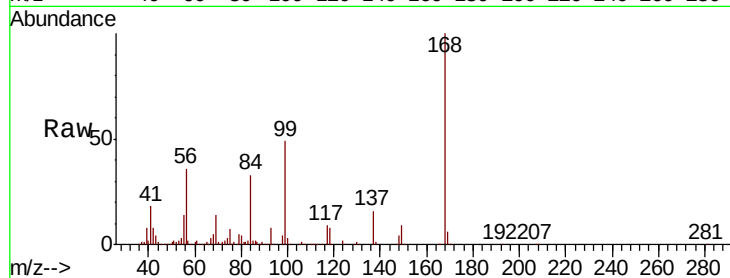




#31
Cyclohexane
Concen: 21.989 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

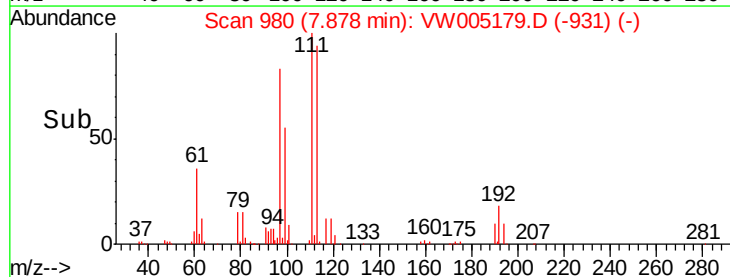
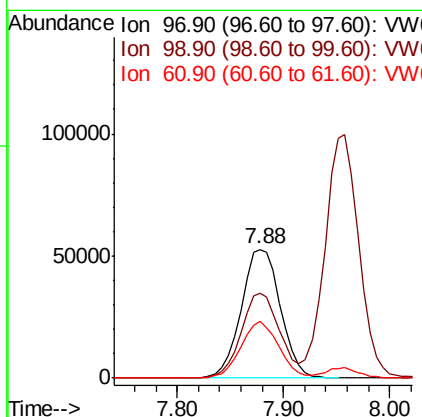
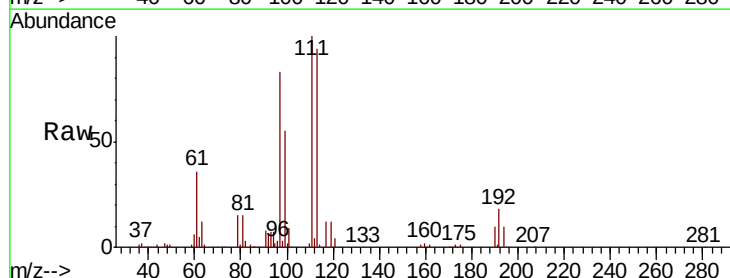
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

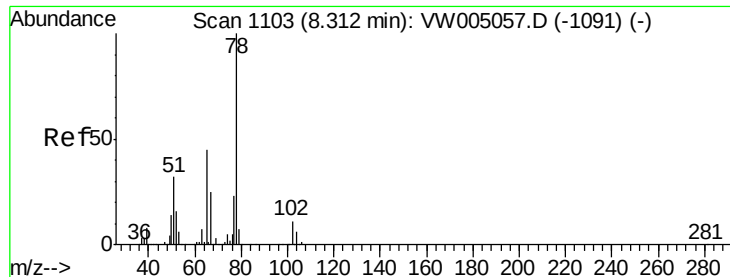
Tgt Ion: 56 Resp: 156464
Ion Ratio Lower Upper
56 100
69 37.5 28.2 42.2
84 91.3 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 21.129 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 97 Resp: 136467
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 42.1 33.2 49.8

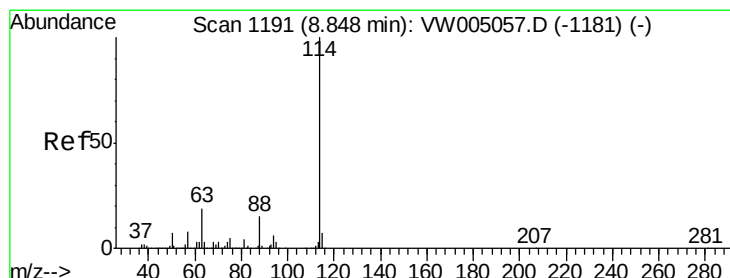
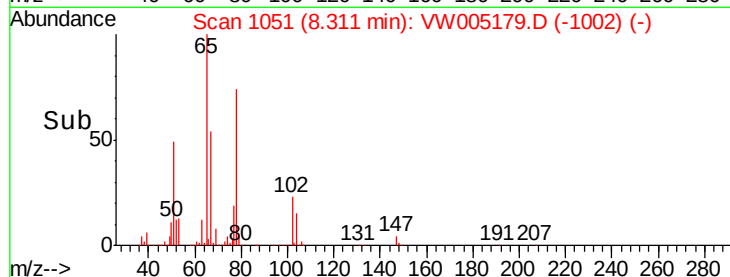
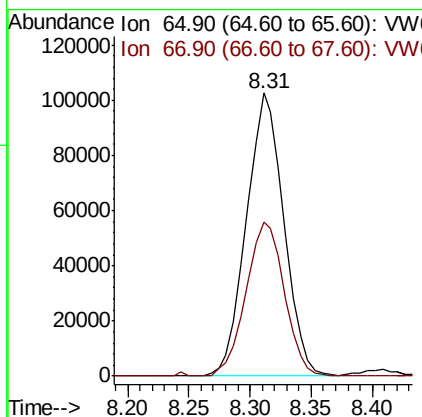
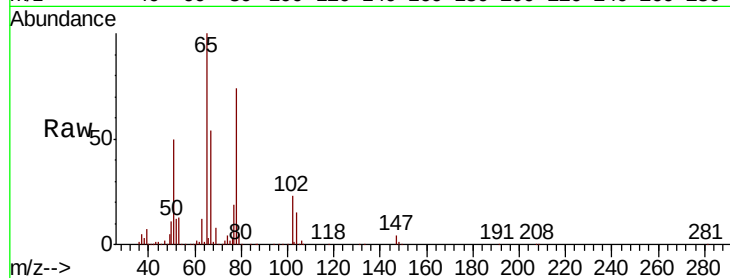




#33
 1,2-Dichloroethane-d4
 Concen: 60.369 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

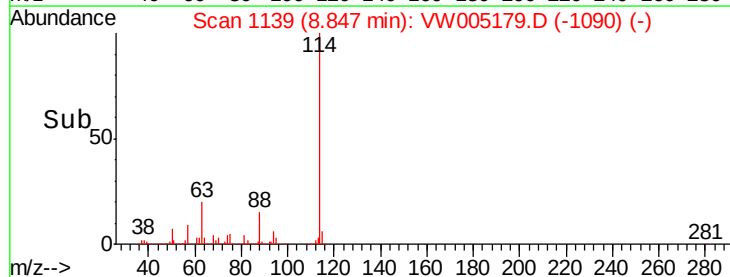
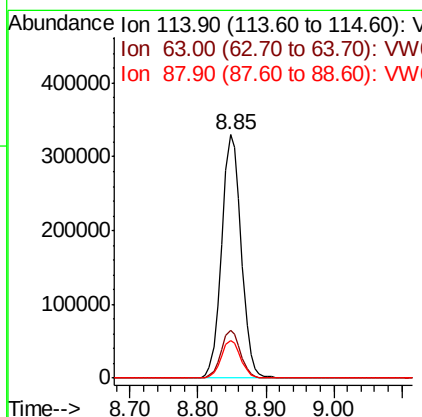
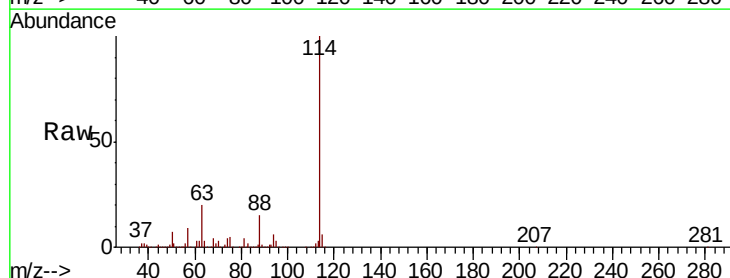
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

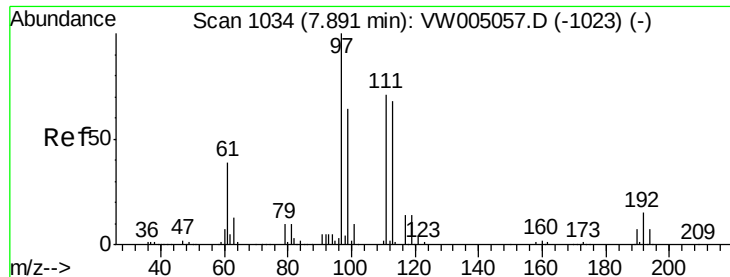
Tgt Ion: 65 Resp: 218709
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 114 Resp: 657307
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.4 0.0 30.2

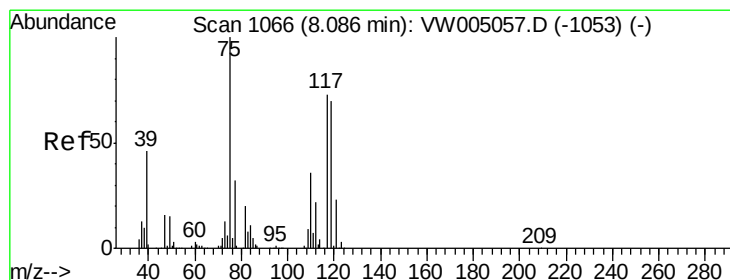
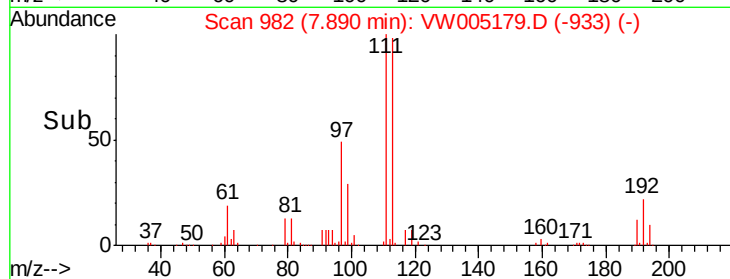
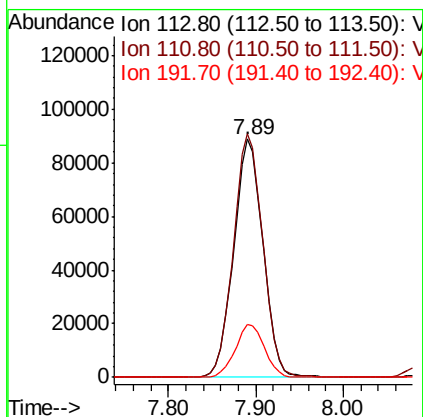
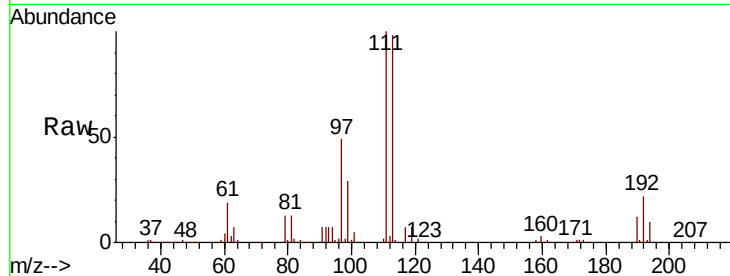




#35
 Dibromofluoromethane
 Concen: 54.415 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

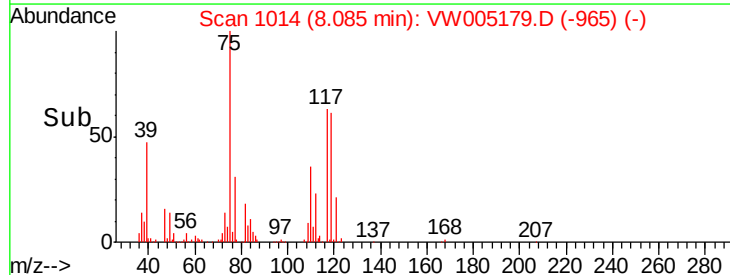
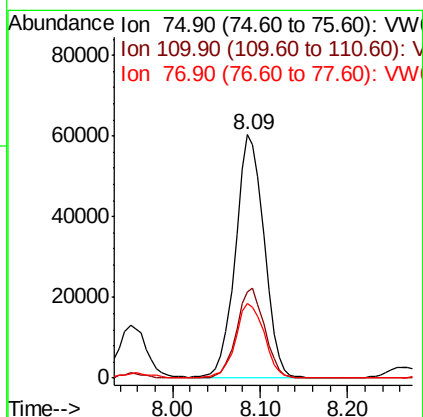
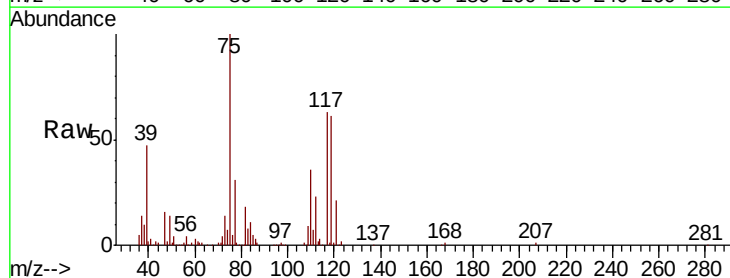
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

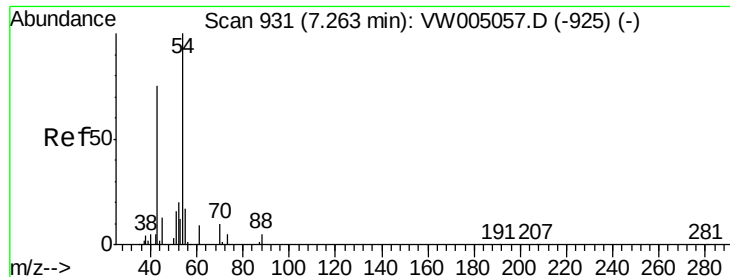
Tgt Ion:113 Resp: 206694
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 22.0 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 22.013 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 75 Resp: 137803
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.9 56.7
 77 31.0 25.5 38.3

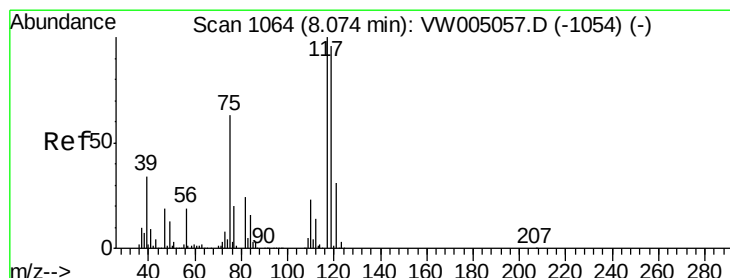
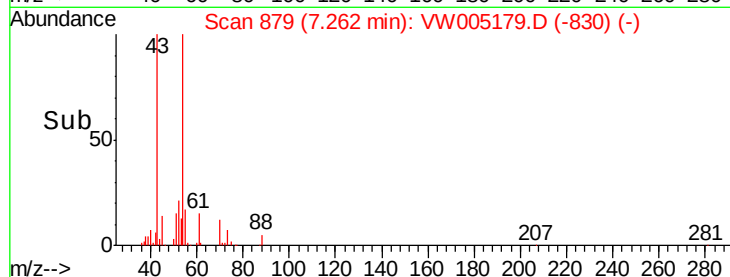
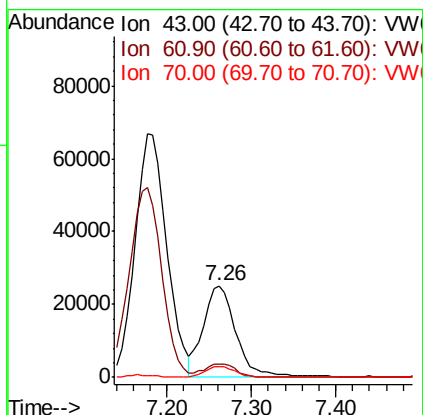
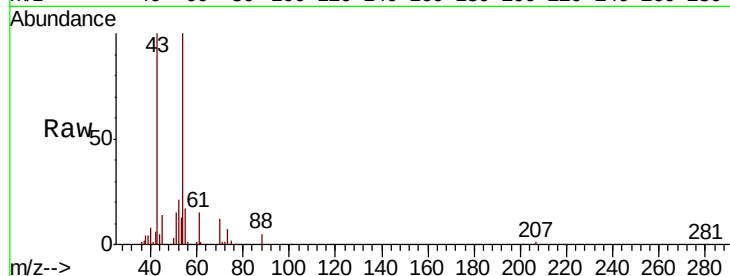




#37
Ethyl Acetate
Concen: 28.737 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

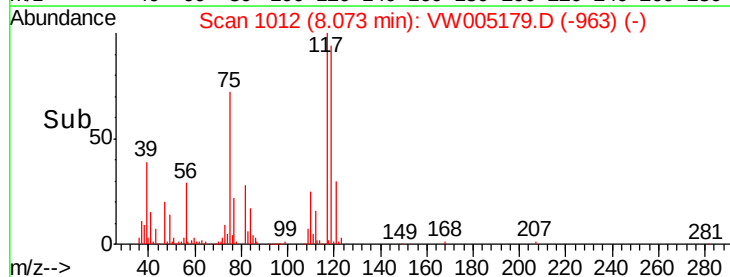
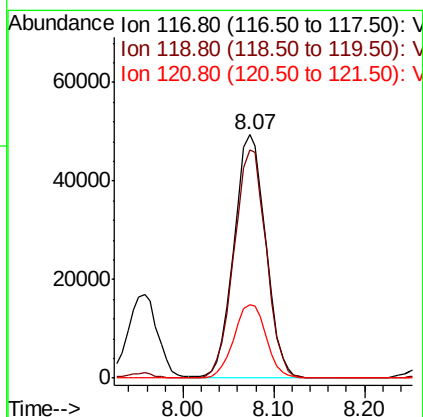
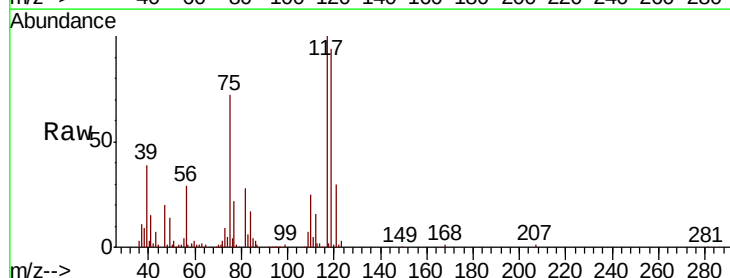
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

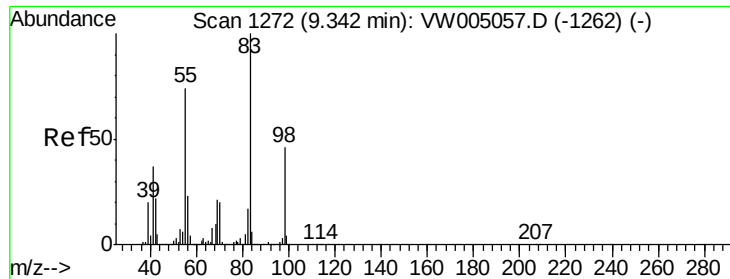
Tgt Ion: 43 Resp: 67279
Ion Ratio Lower Upper
43 100
61 14.4 12.1 18.1
70 11.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.257 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 117 Resp: 120579
Ion Ratio Lower Upper
117 100
119 93.6 76.6 115.0
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 20.446 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

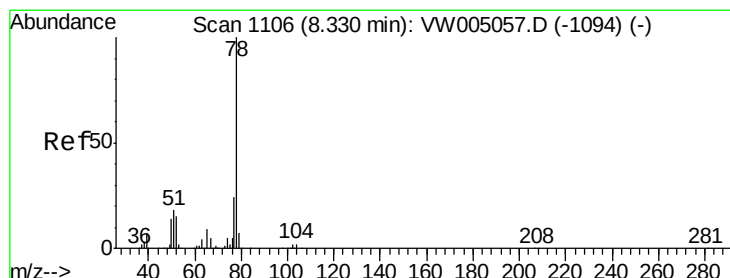
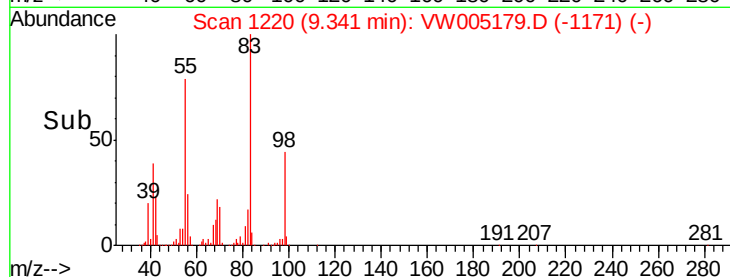
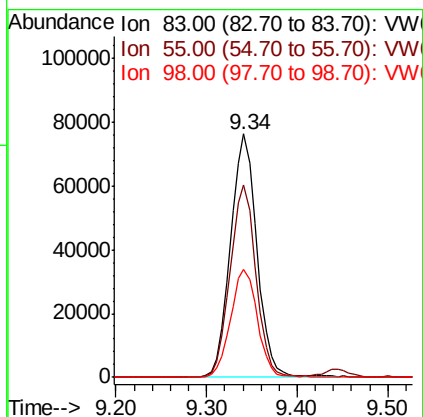
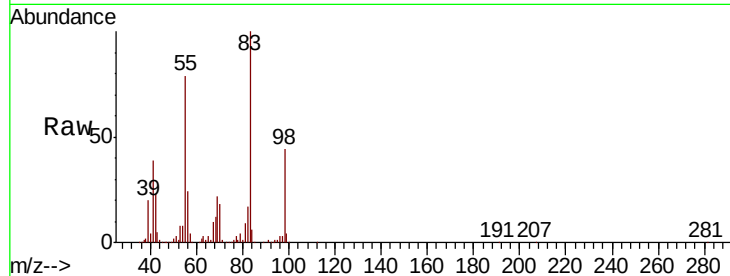
Tgt Ion: 83 Resp: 154789

Ion Ratio Lower Upper

83 100

55 79.3 58.9 88.3

98 44.2 36.8 55.2



#40

Benzene

Concen: 21.358 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005179.D

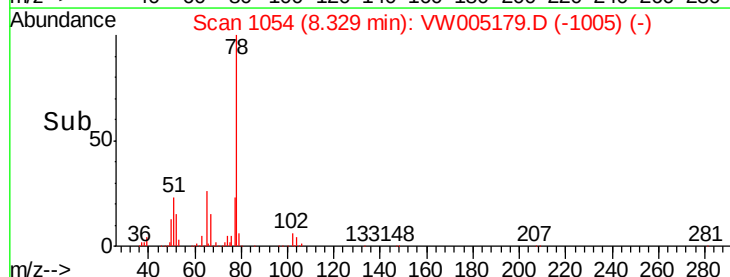
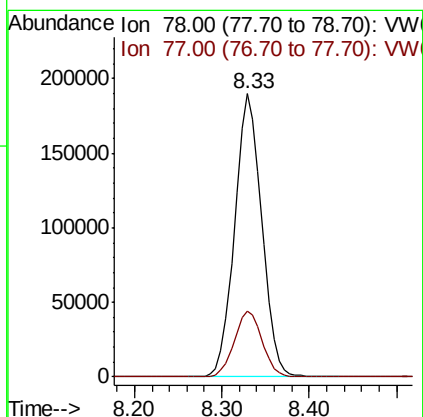
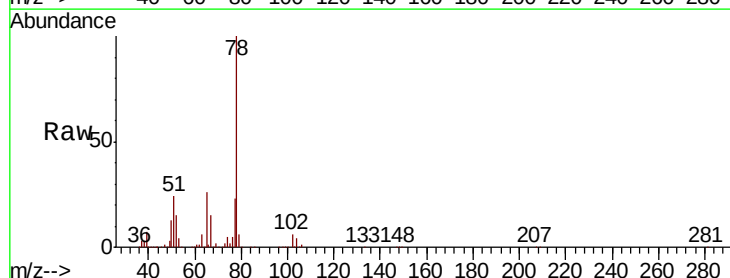
Acq: 06 Sep 2018 21:49

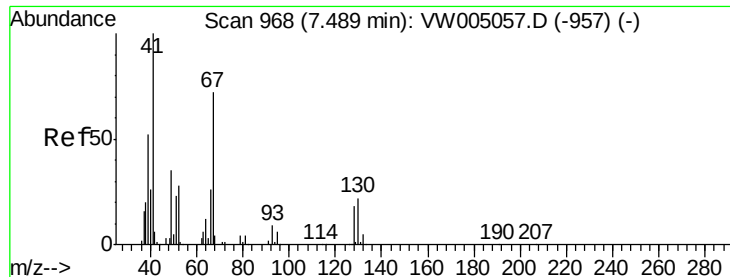
Tgt Ion: 78 Resp: 409311

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

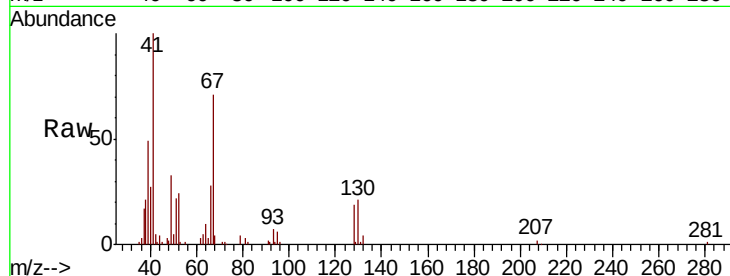




#41
Methacrylonitrile
Concen: 23.672 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tgt Ion:	41	Resp:	32111
Ion	Ratio	Lower	Upper
41	100		
39	59.2	41.8	62.8
67	84.6	60.4	90.6
52	33.3	23.8	35.8



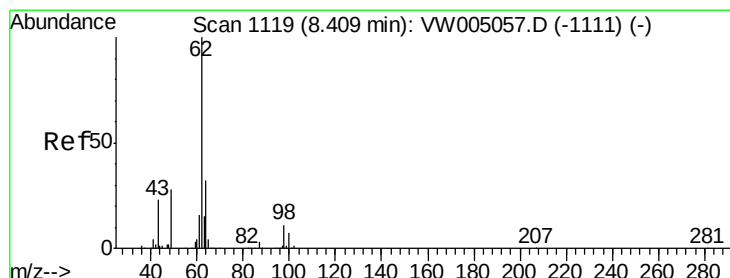
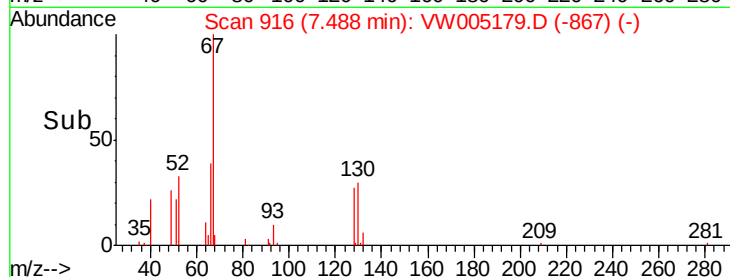
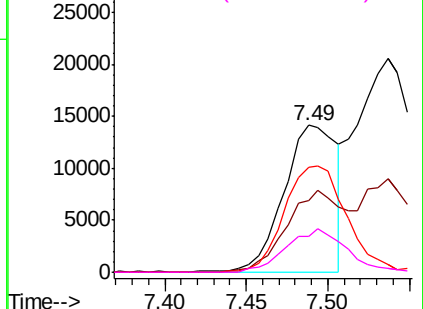
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

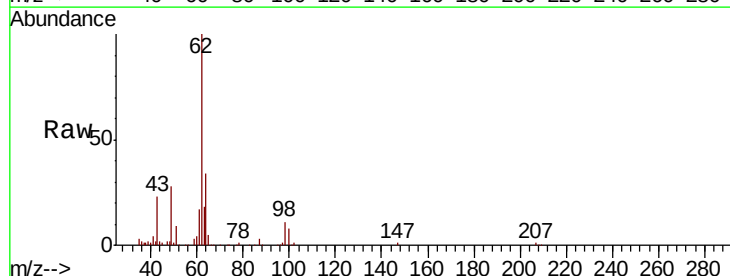
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.326 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

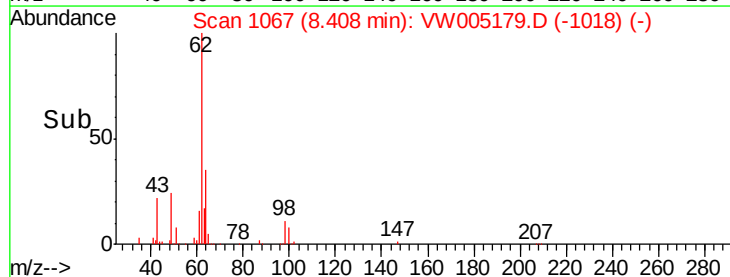
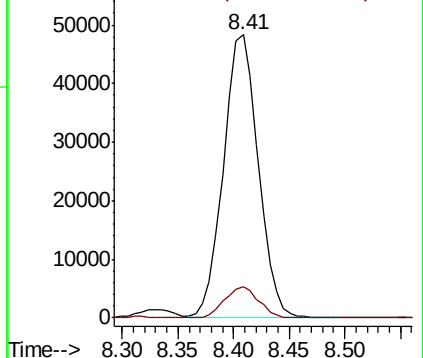
Tgt Ion:	62	Resp:	104714
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8

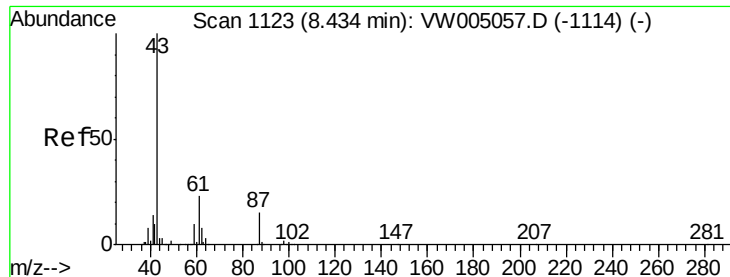


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 26.450 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

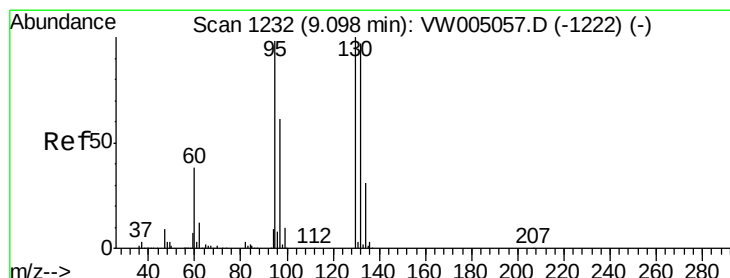
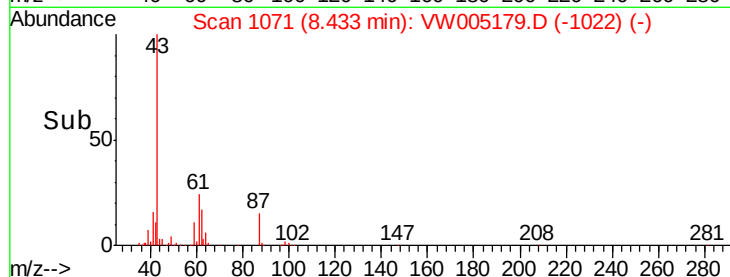
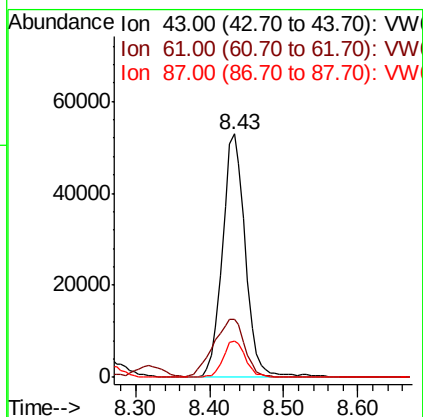
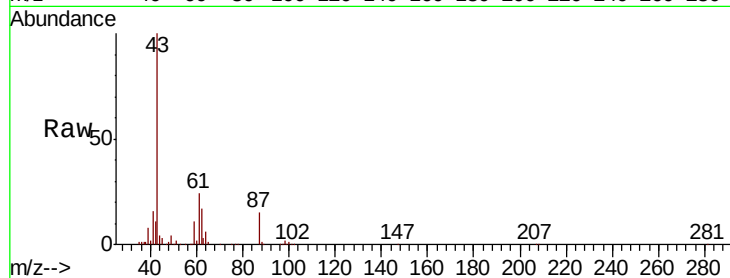
Tgt Ion: 43 Resp: 112680

Ion Ratio Lower Upper

43 100

61 32.5 26.8 40.2

87 14.8 11.6 17.4



#44

Trichloroethene

Concen: 20.918 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005179.D

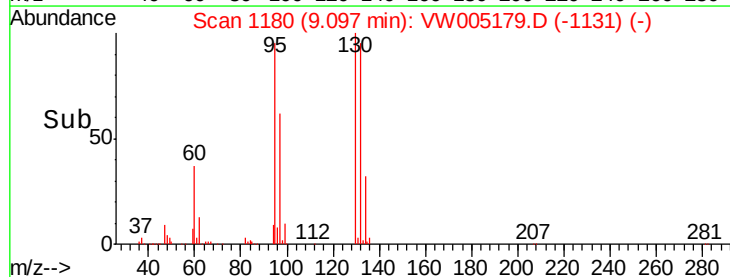
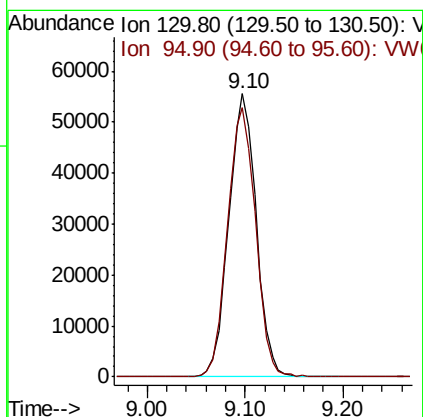
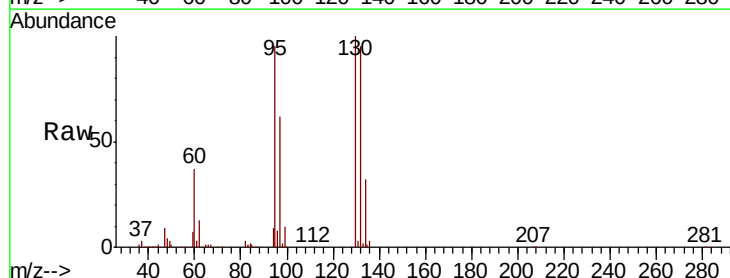
Acq: 06 Sep 2018 21:49

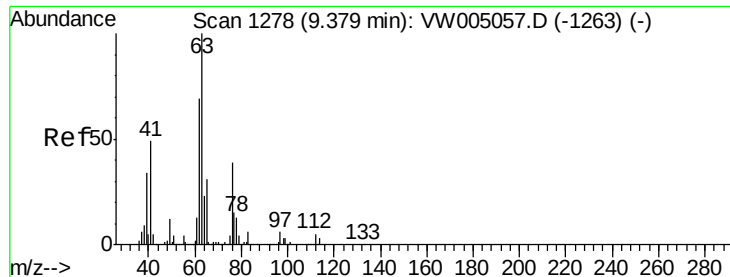
Tgt Ion: 130 Resp: 108164

Ion Ratio Lower Upper

130 100

95 95.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 22.153 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

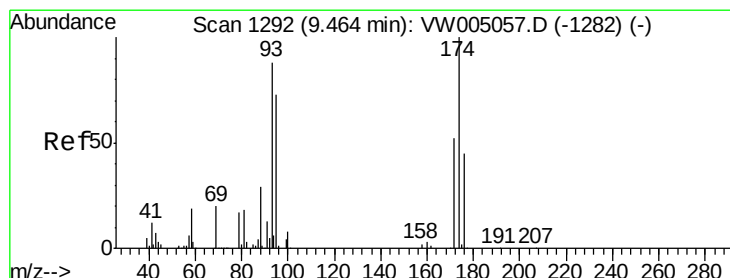
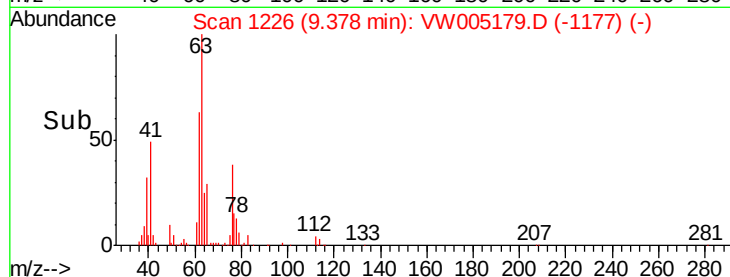
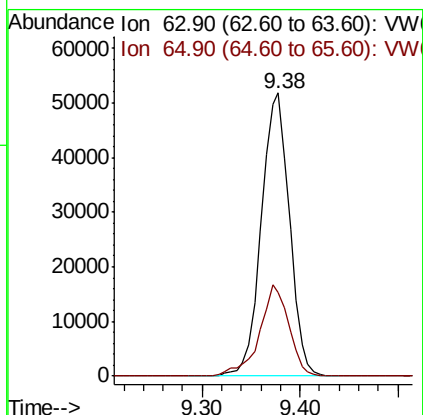
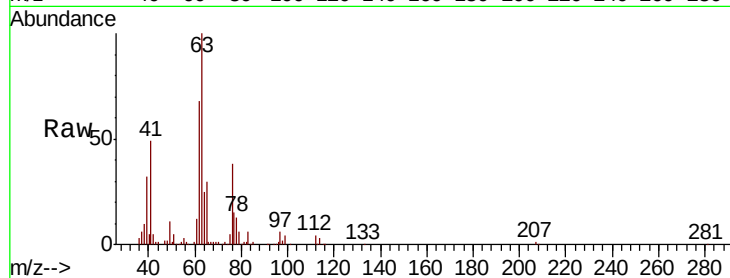
VW0906SBSD01

Tgt Ion: 63 Resp: 103715

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



#46

Dibromomethane

Concen: 22.703 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

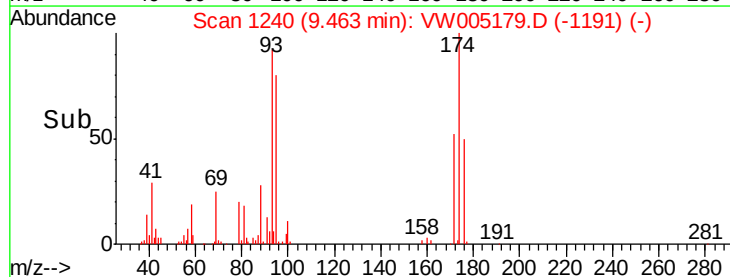
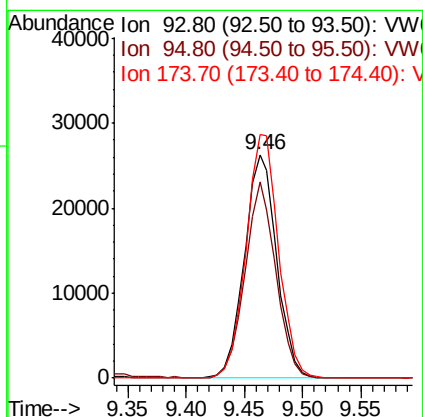
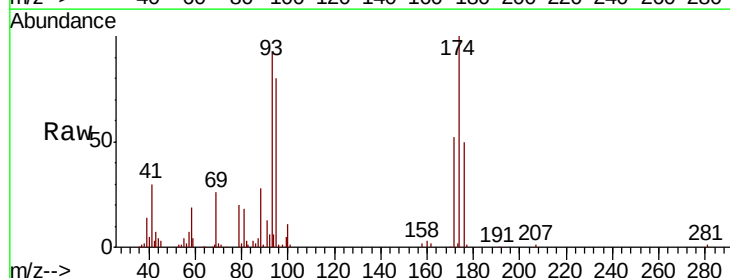
Tgt Ion: 93 Resp: 50825

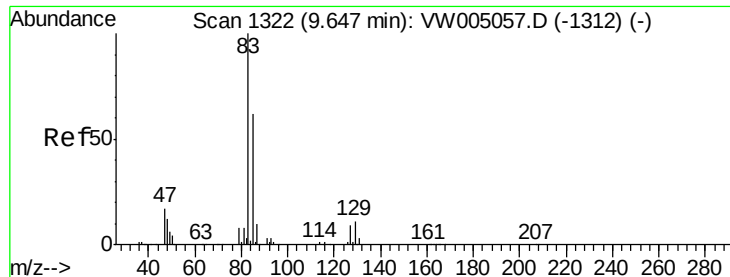
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 109.8 92.0 138.0





#47

Bromodichloromethane

Concen: 21.845 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

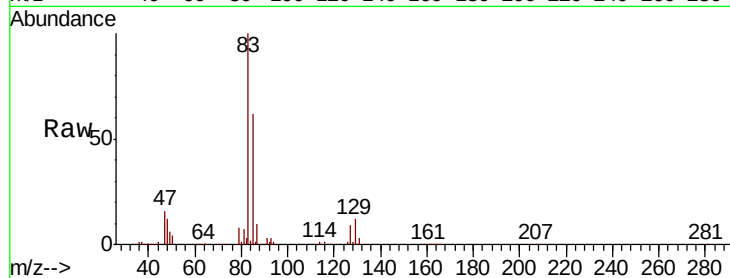
Tgt Ion: 83 Resp: 123139

Ion Ratio Lower Upper

83 100

85 62.3 49.8 74.6

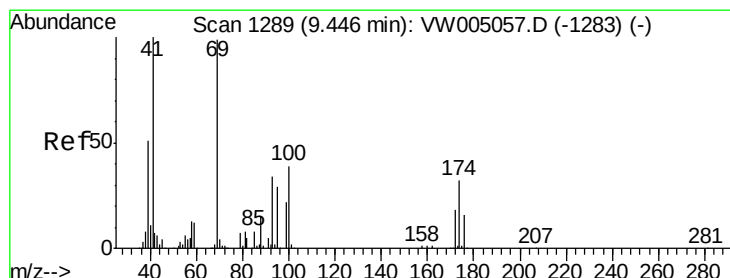
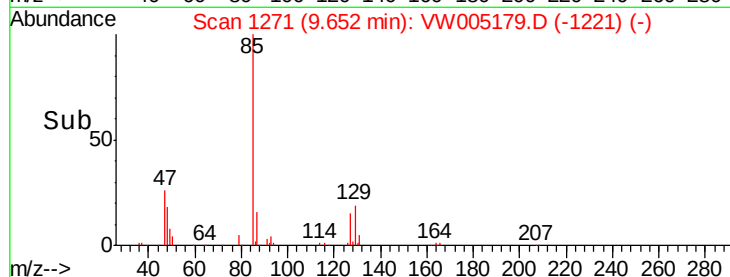
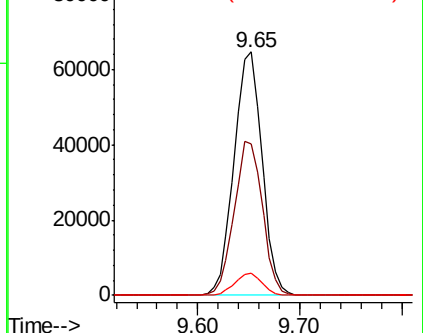
127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 25.177 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

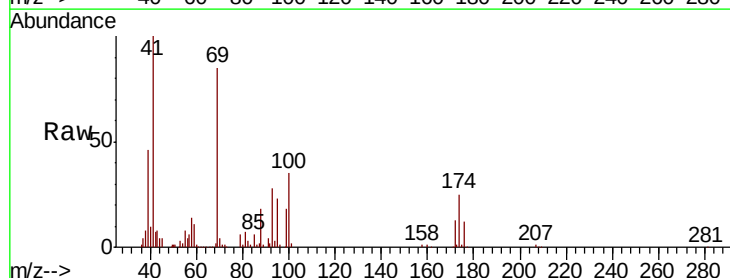
Tgt Ion: 41 Resp: 51647

Ion Ratio Lower Upper

41 100

69 97.1 80.4 120.6

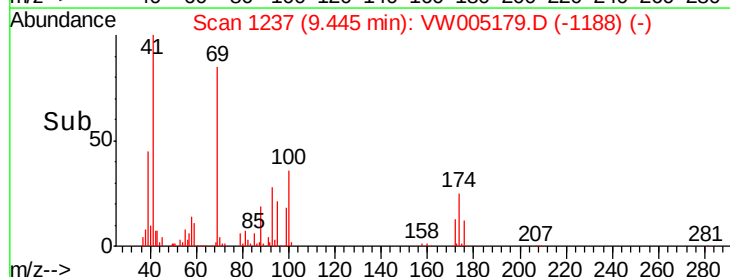
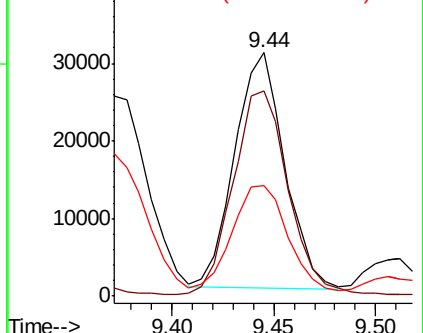
39 54.8 43.5 65.3

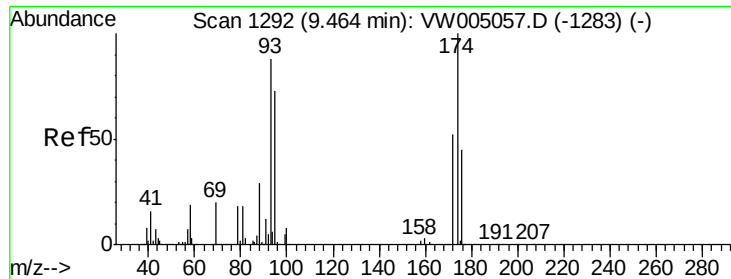


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 507.468 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

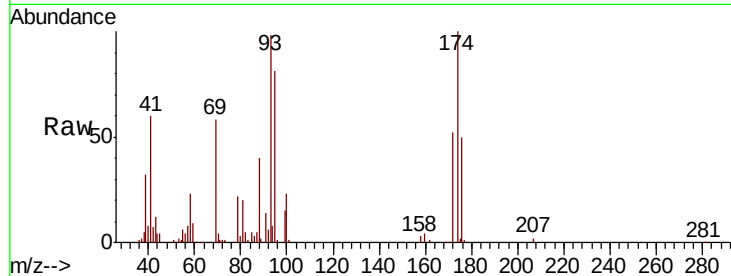
Tgt Ion: 88 Resp: 18372

Ion Ratio Lower Upper

88 100

43 29.6 19.8 29.6

58 70.0 57.1 85.7

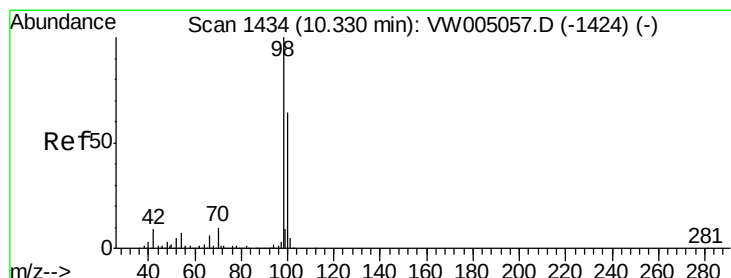
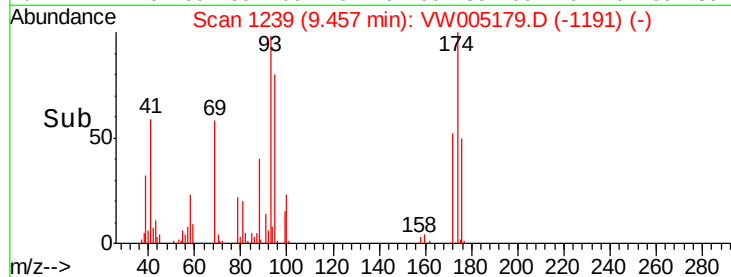
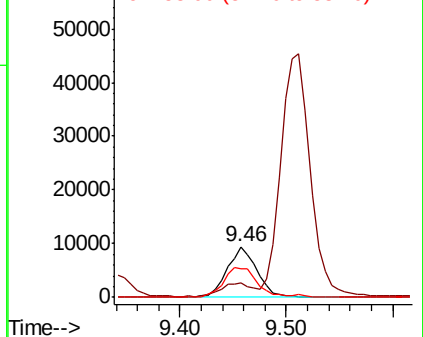


Abundance

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: 53.665 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005179.D

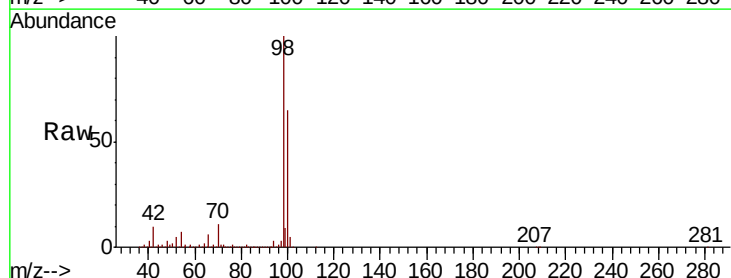
Acq: 06 Sep 2018 21:49

Tgt Ion: 98 Resp: 939273

Ion Ratio Lower Upper

98 100

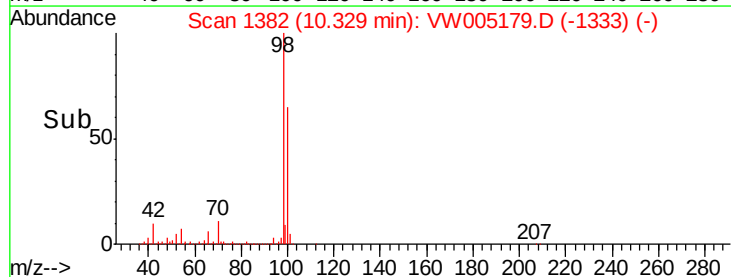
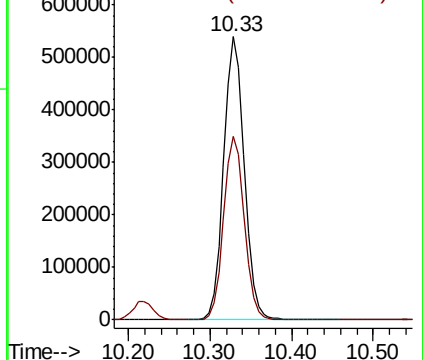
100 65.2 51.7 77.5

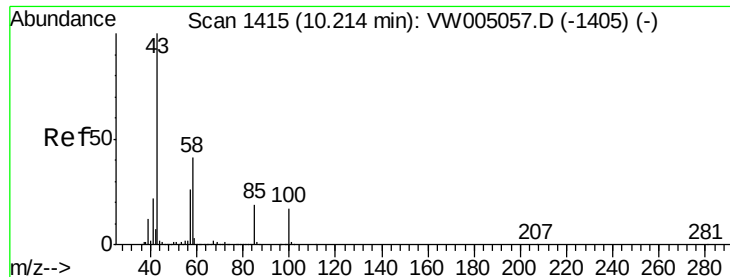


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

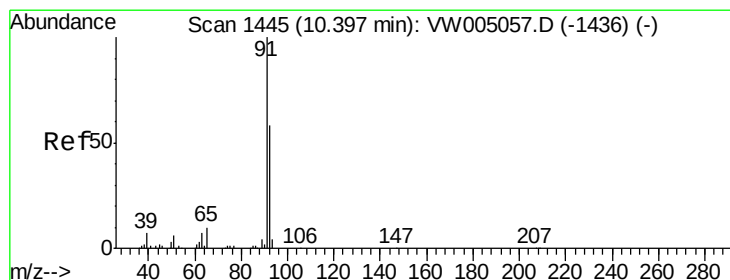
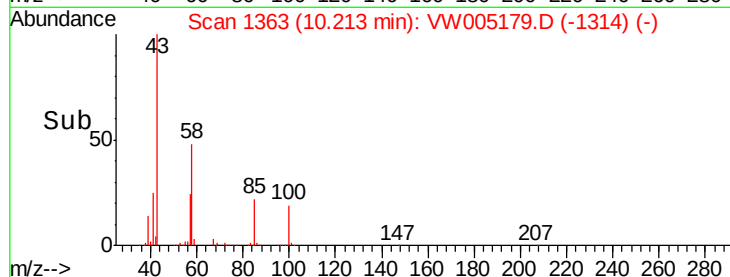
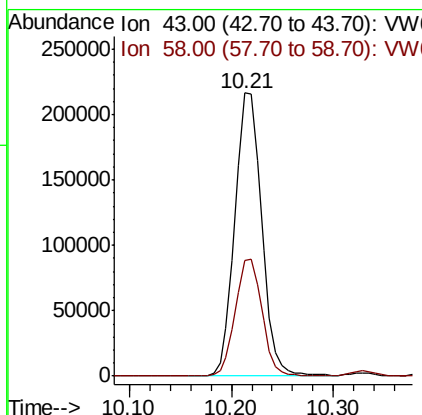
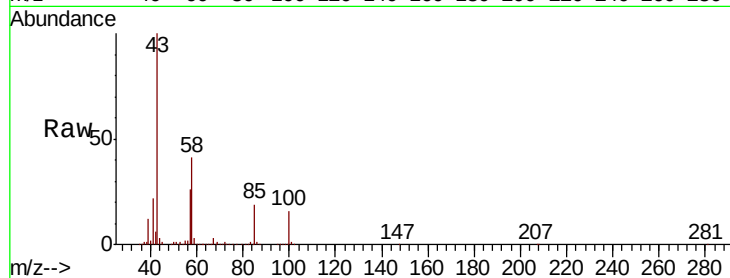




#51
 4-Methyl-2-Pentanone
 Concen: 138.089 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

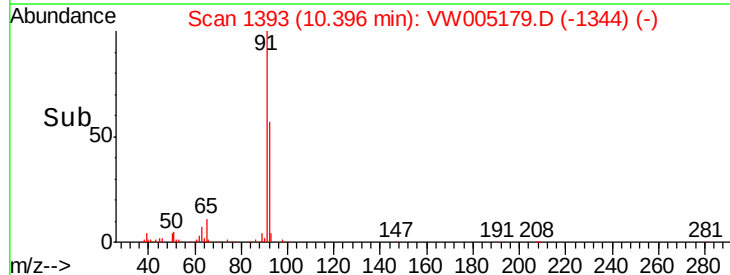
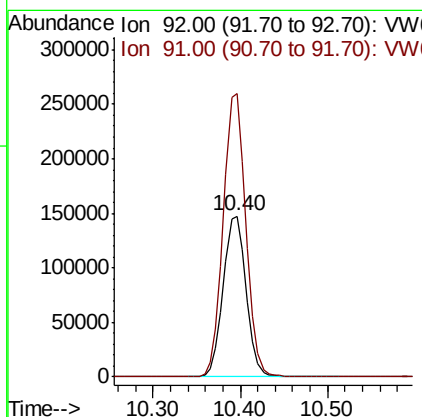
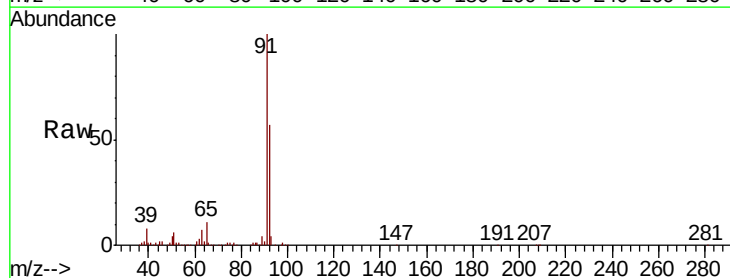
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

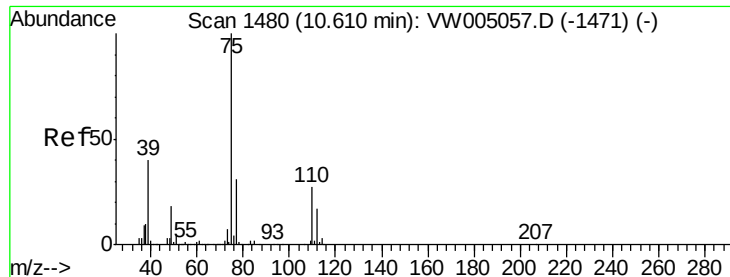
Tgt Ion: 43 Resp: 394266
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.3 49.9



#52
 Toluene
 Concen: 20.682 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 92 Resp: 268562
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 22.564 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

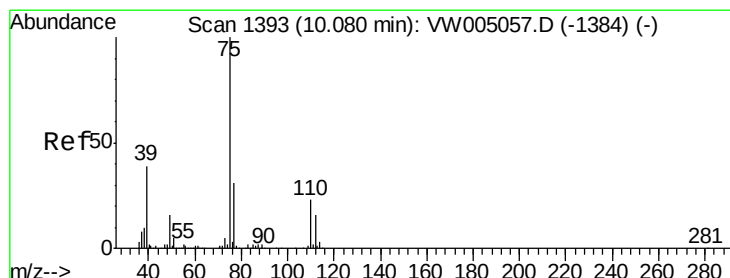
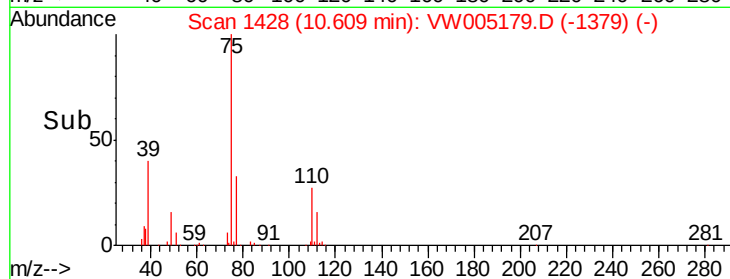
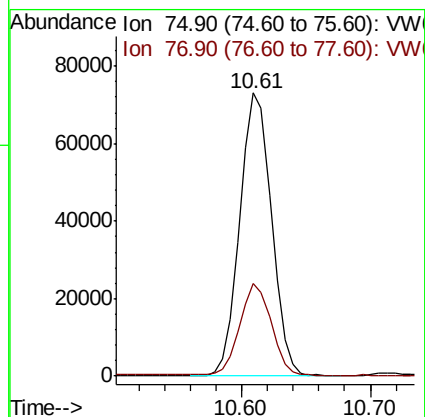
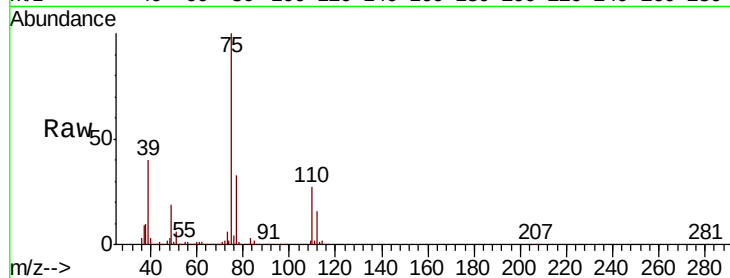
VW0906SBSD01

Tgt Ion: 75 Resp: 124983

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 22.511 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

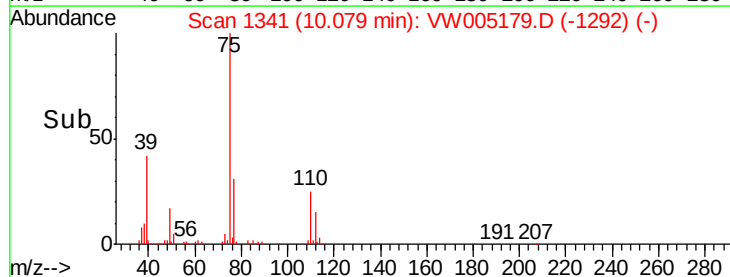
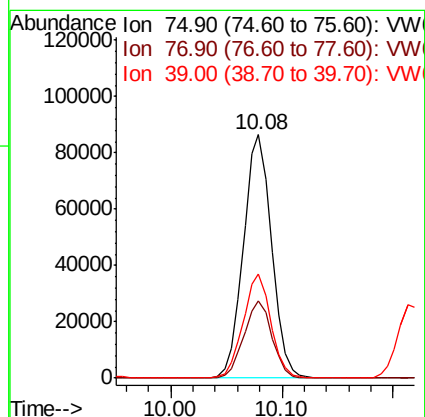
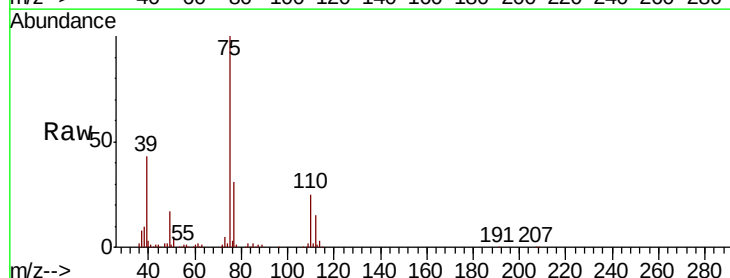
Tgt Ion: 75 Resp: 151639

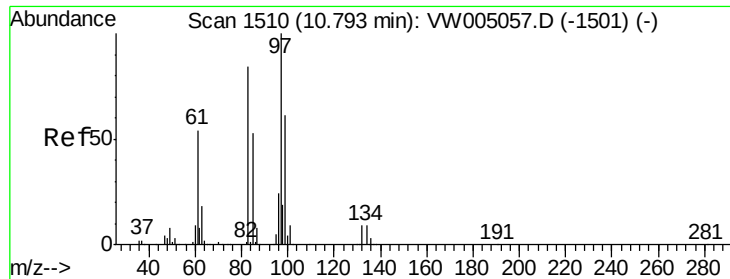
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 42.4 31.0 46.6

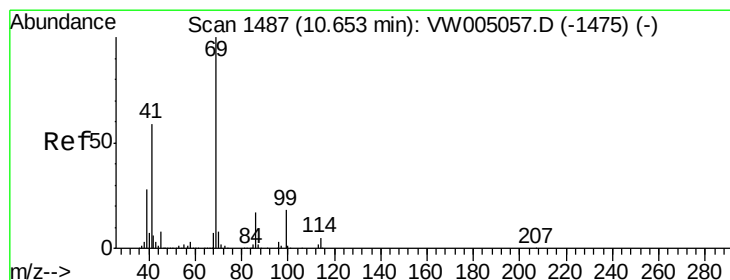
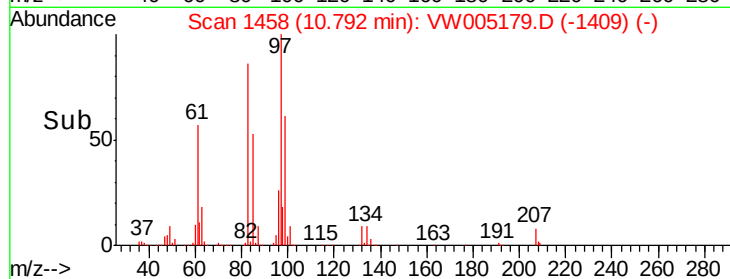
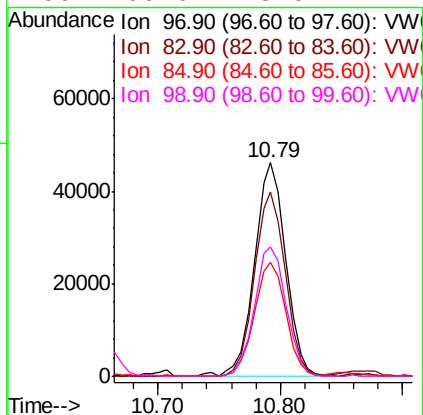
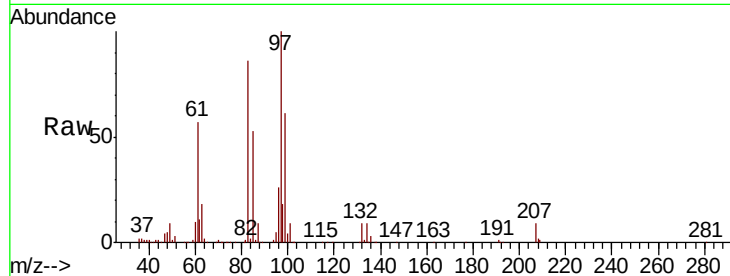




#55
 1,1,2-Trichloroethane
 Concen: 23.774 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

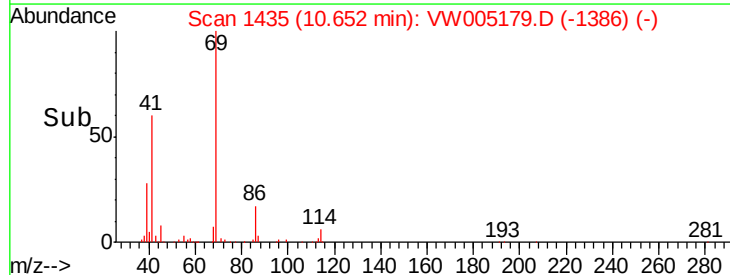
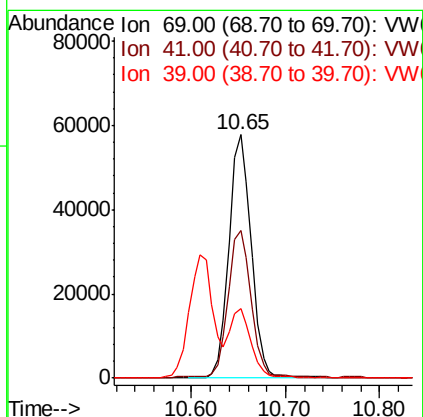
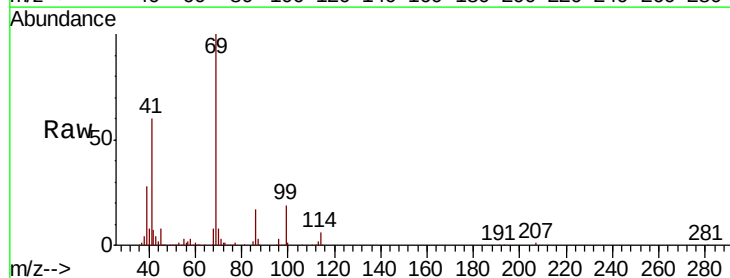
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

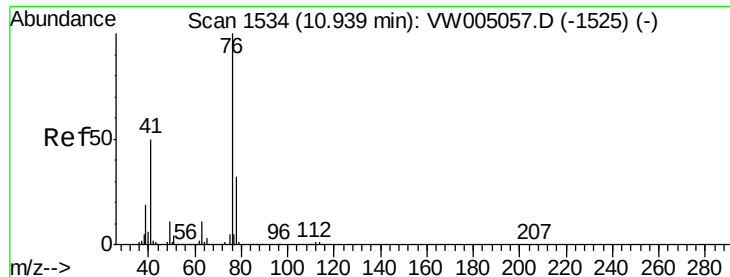
Tgt Ion:	97	Resp:	82404
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.0	100.6
85	53.1	42.3	63.5
99	60.6	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 24.107 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion:	69	Resp:	95328
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.8	71.6
39	26.7	21.1	31.7





#57

1,3-Dichloropropane

Concen: 23.837 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

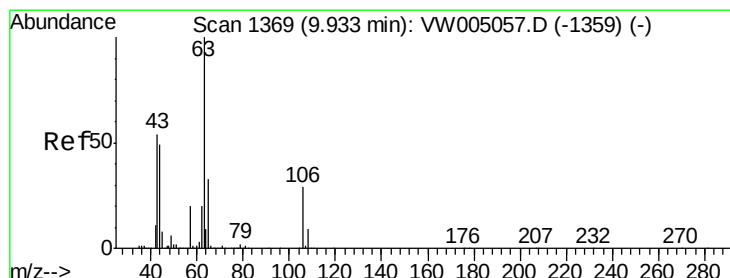
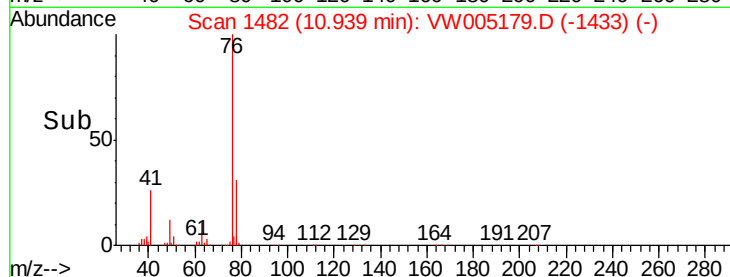
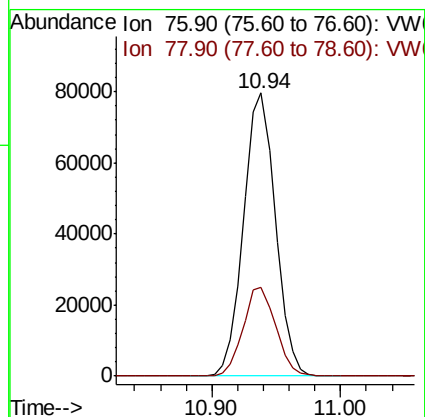
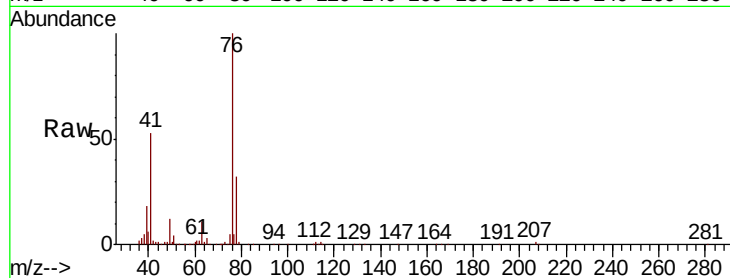
VW0906SBSD01

Tgt Ion: 76 Resp: 136022

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 134.686 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005179.D

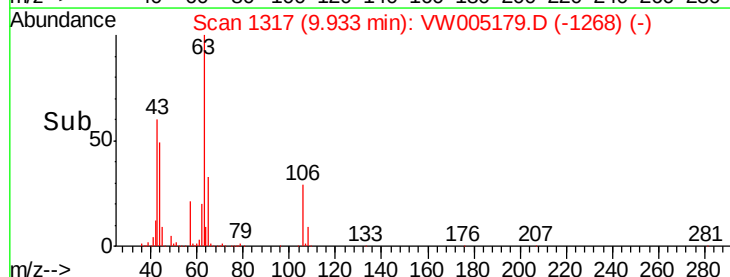
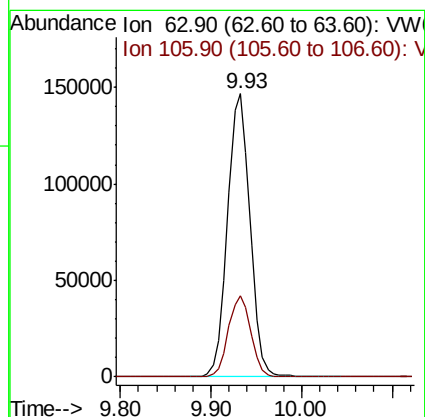
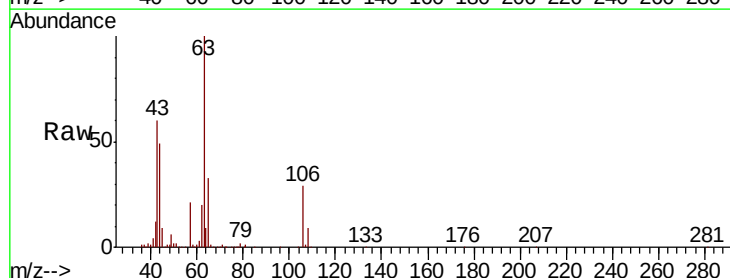
Acq: 06 Sep 2018 21:49

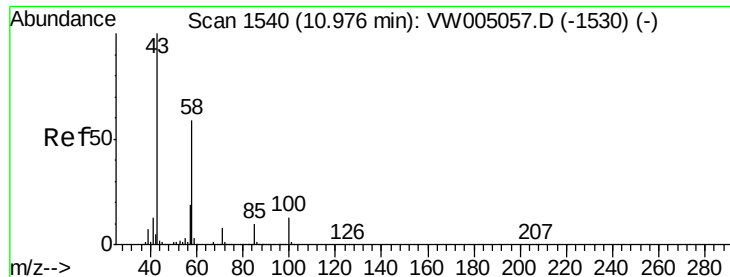
Tgt Ion: 63 Resp: 252376

Ion Ratio Lower Upper

63 100

106 28.4 23.1 34.7

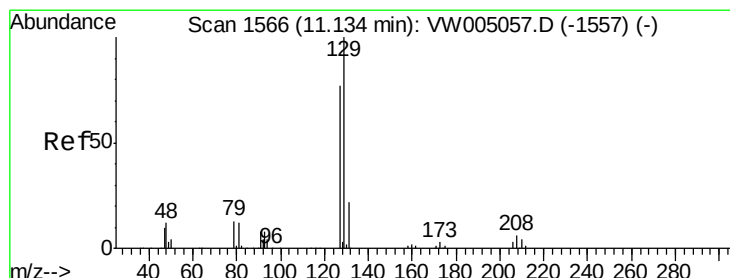
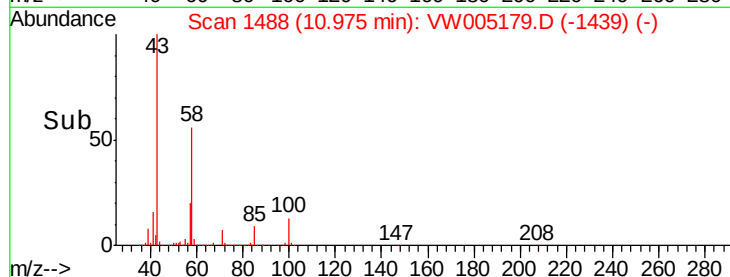
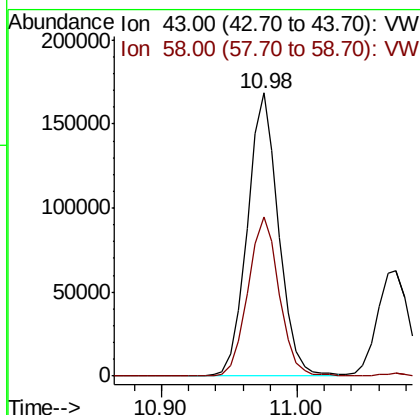
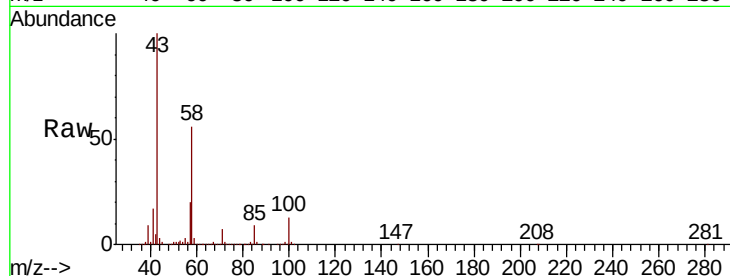




#59
2-Hexanone
Concen: 139.141 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

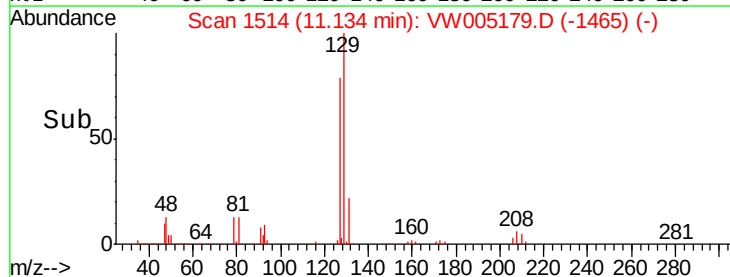
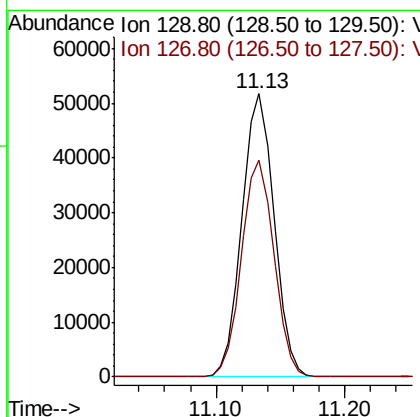
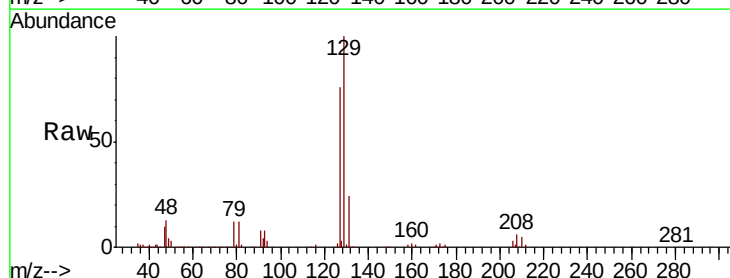
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

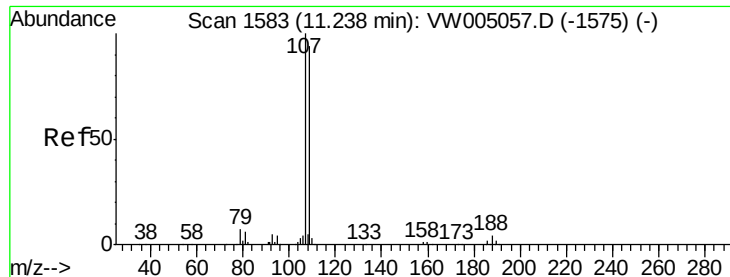
Tgt Ion: 43 Resp: 268698
Ion Ratio Lower Upper
43 100
58 56.7 28.7 86.3



#60
Dibromochloromethane
Concen: 22.849 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 129 Resp: 89534
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

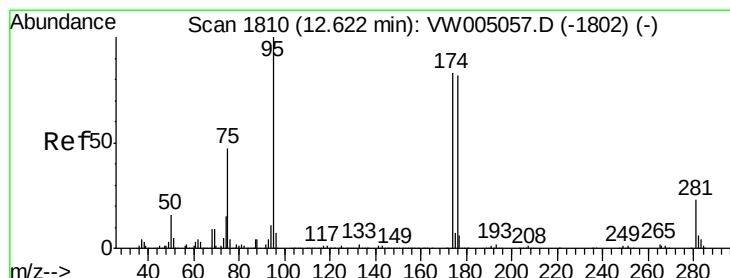
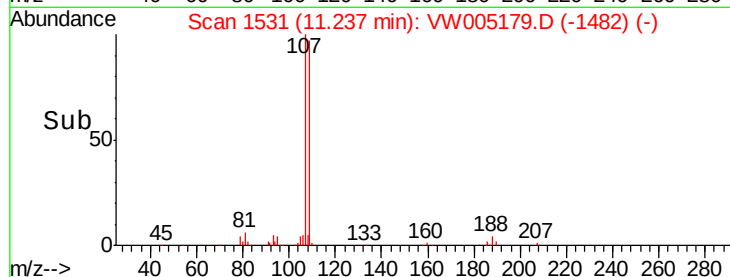
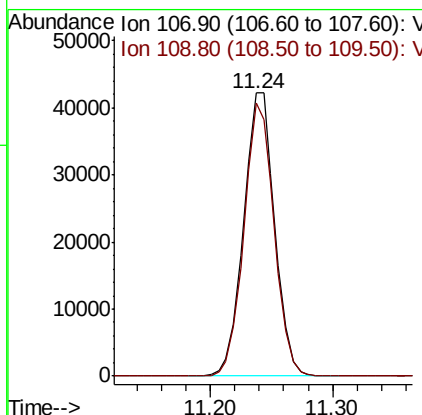
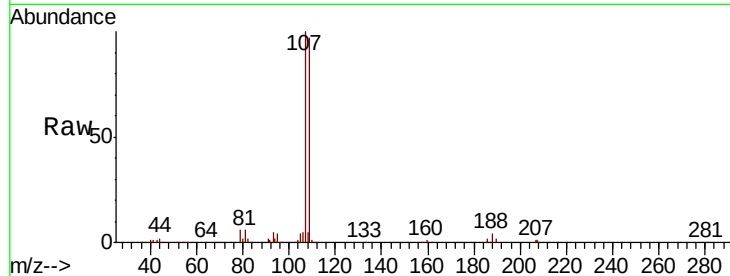




#61
 1,2-Dibromoethane
 Concen: 23.717 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

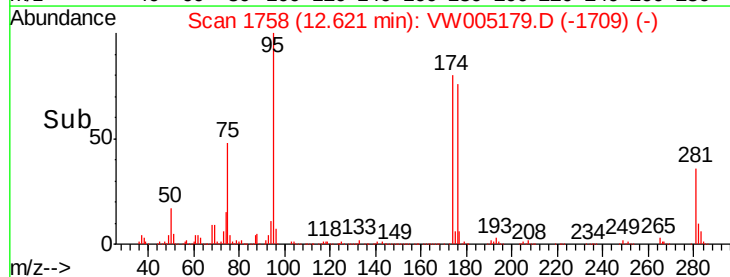
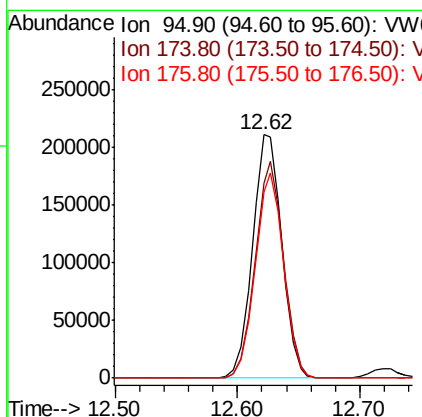
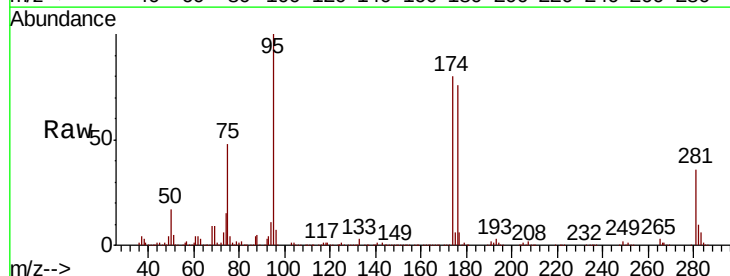
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

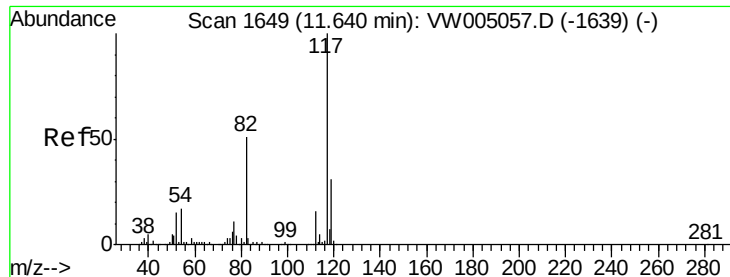
Tgt Ion: 107 Resp: 74219
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 56.880 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 95 Resp: 351043
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 173.4
 176 81.8 0.0 167.4

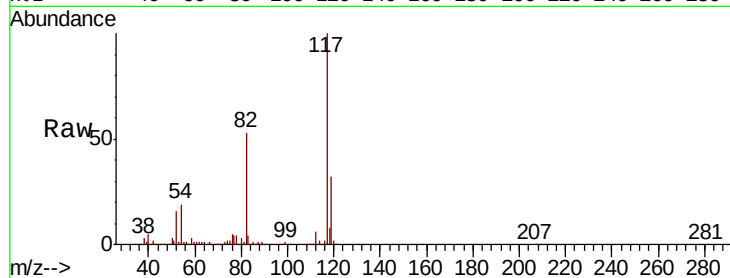




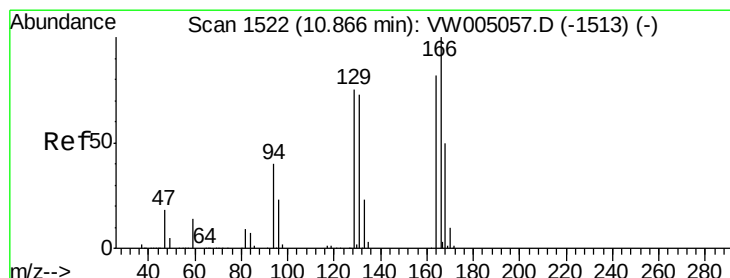
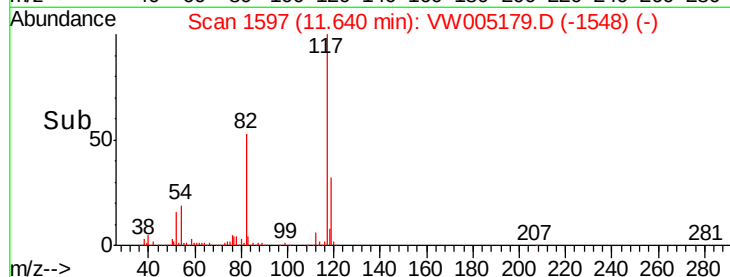
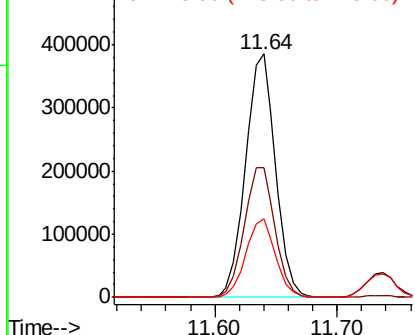
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tgt Ion:117 Resp: 654677
Ion Ratio Lower Upper
117 100
82 53.2 40.9 61.3
119 32.4 24.9 37.3

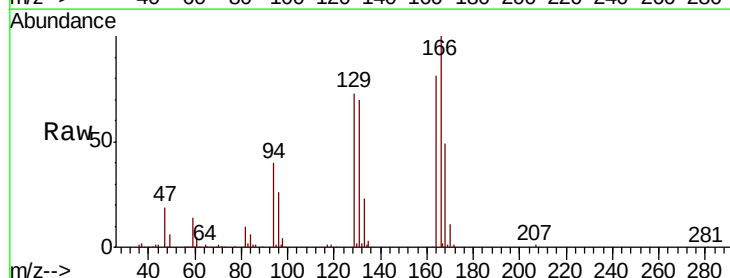


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

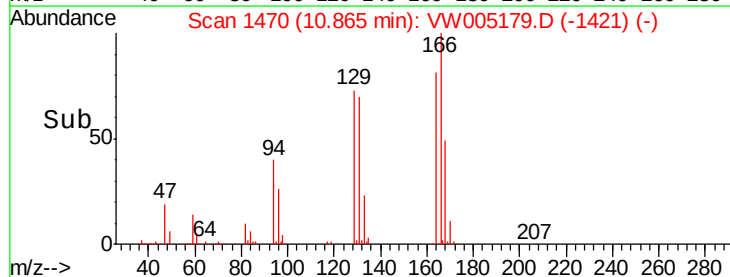
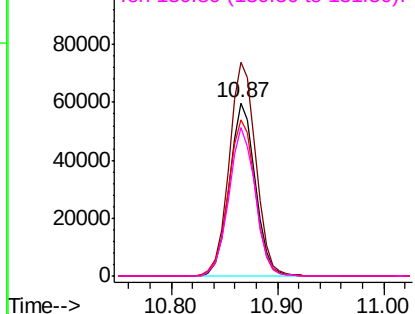


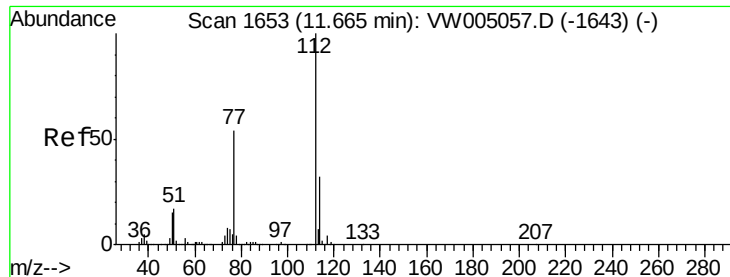
#64
Tetrachloroethene
Concen: 19.839 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion:164 Resp: 101908
Ion Ratio Lower Upper
164 100
166 123.2 97.3 145.9
129 90.3 73.1 109.7
131 85.7 71.3 106.9



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

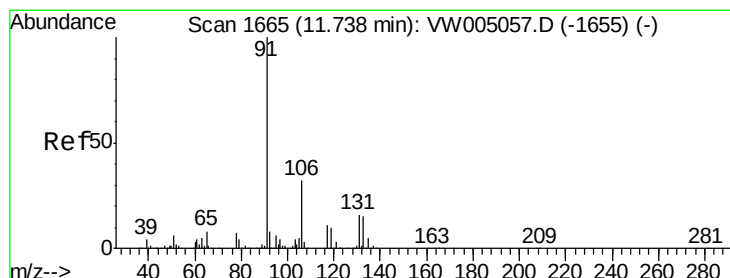
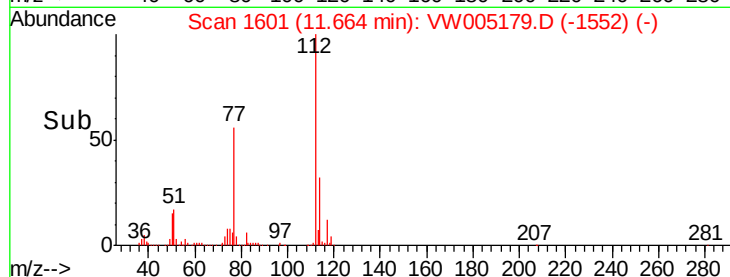
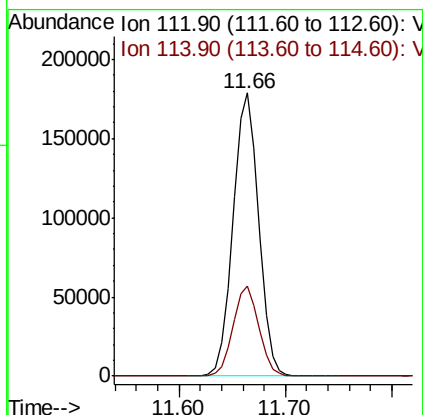
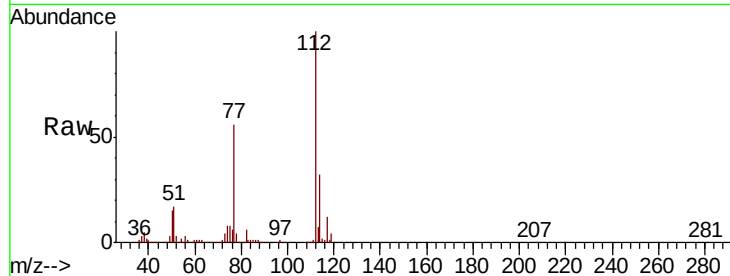




#65
Chlorobenzene
Concen: 20.501 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

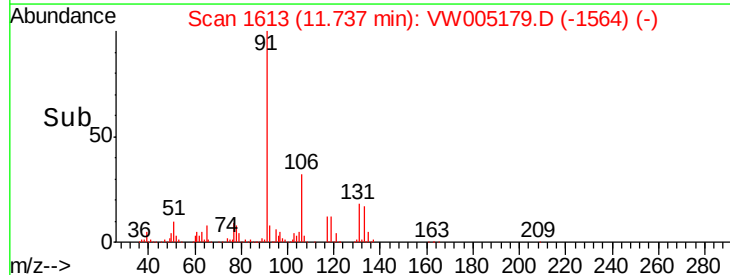
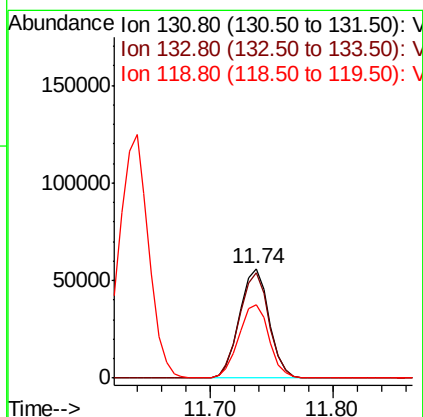
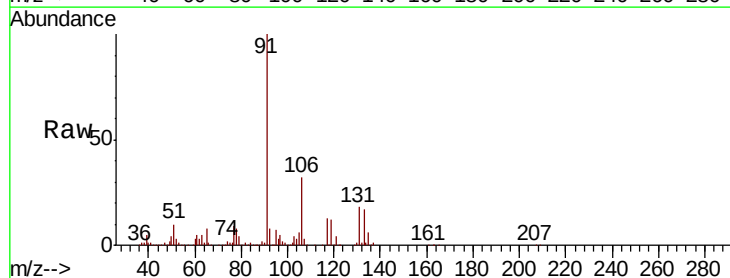
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

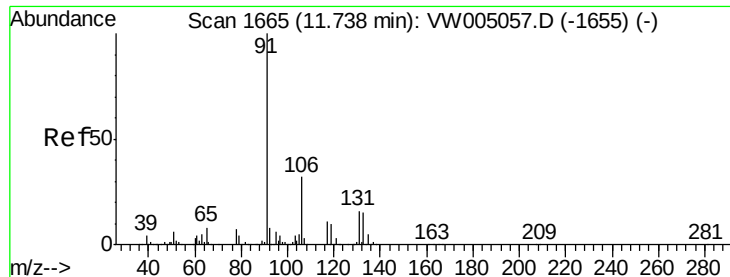
Tgt Ion:112 Resp: 302148
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion:131 Resp: 94459
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.3
119 68.6 33.4 100.1

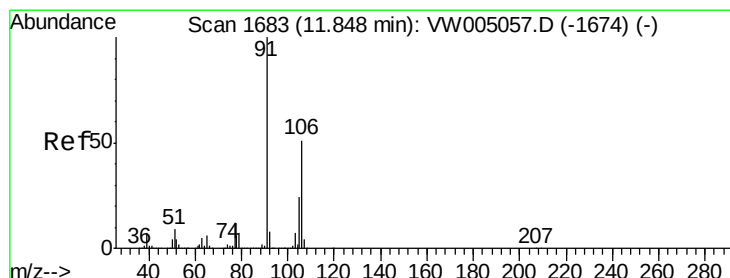
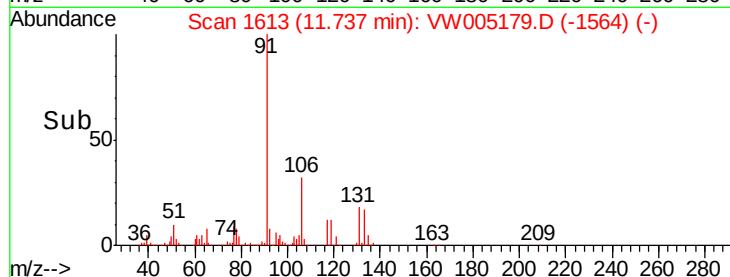
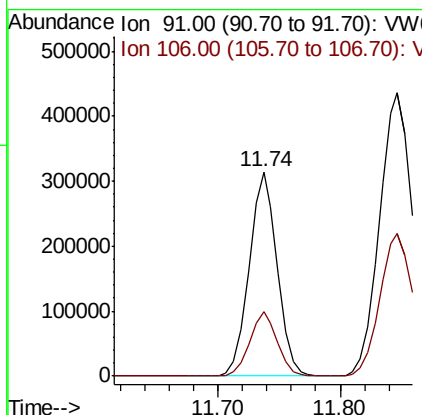
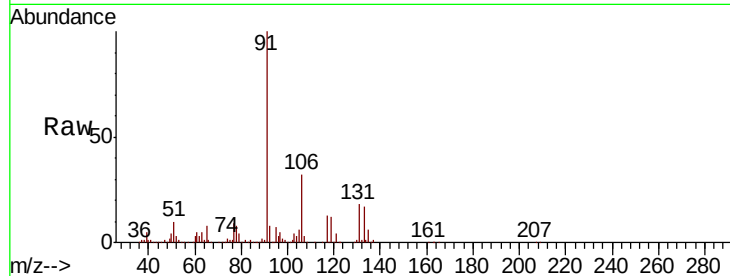




#67
Ethyl Benzene
Concen: 20.045 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

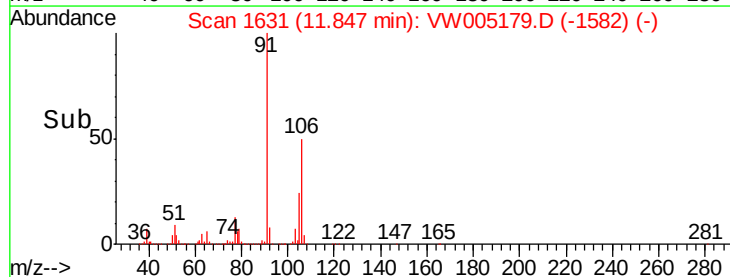
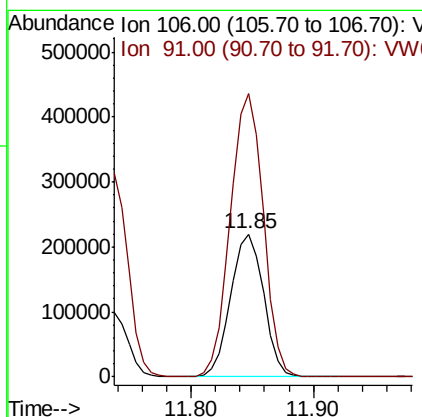
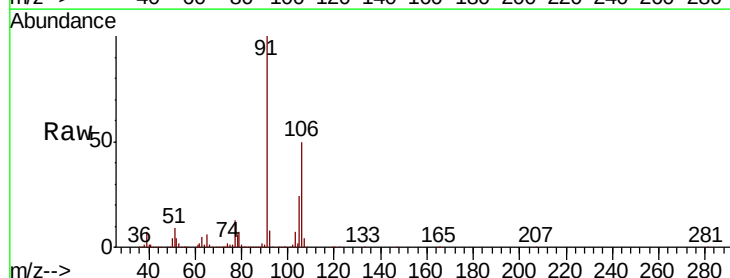
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

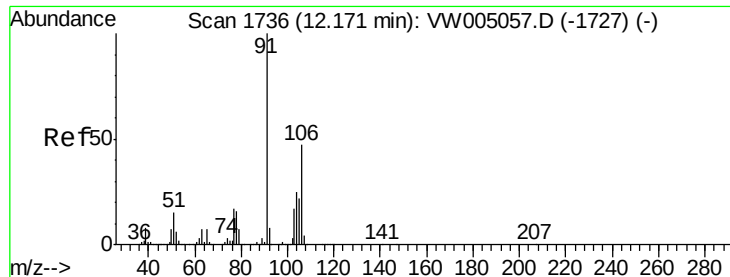
Tgt Ion: 91 Resp: 499427
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 41.094 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 106 Resp: 409963
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6

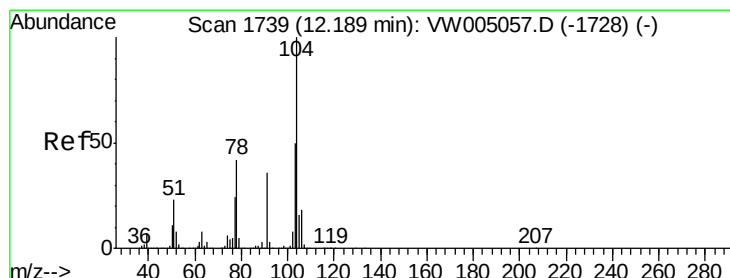
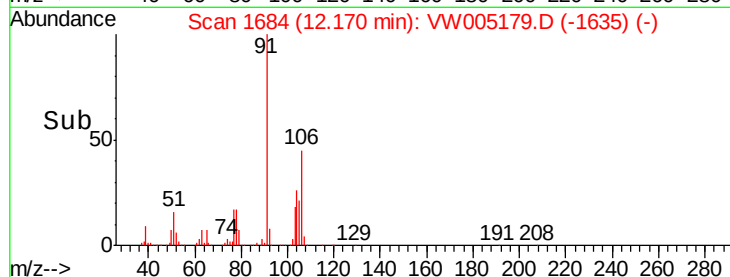
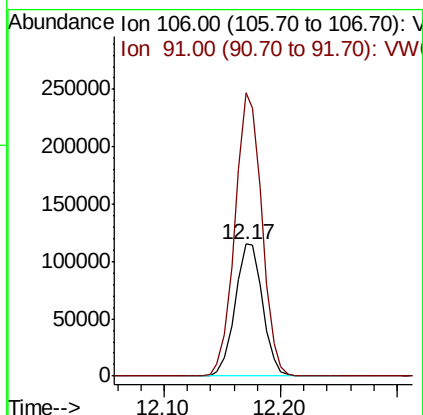
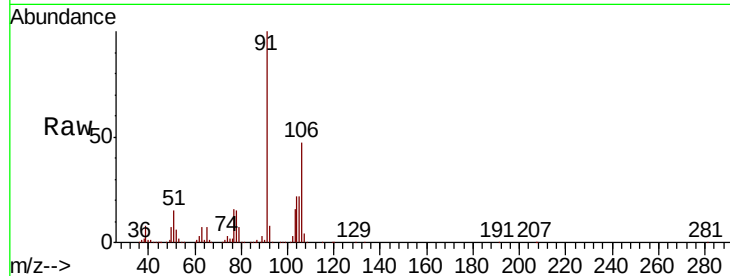




#69
o-Xylene
Concen: 20.616 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

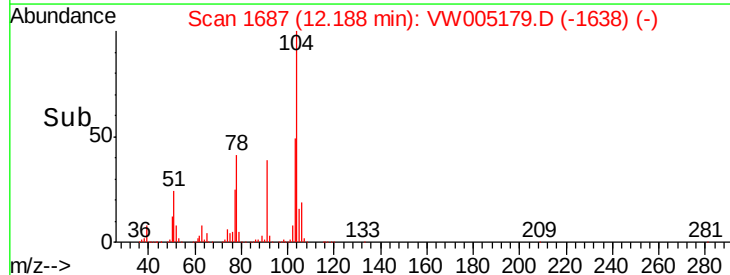
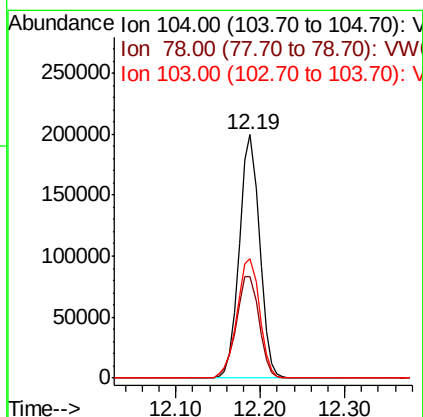
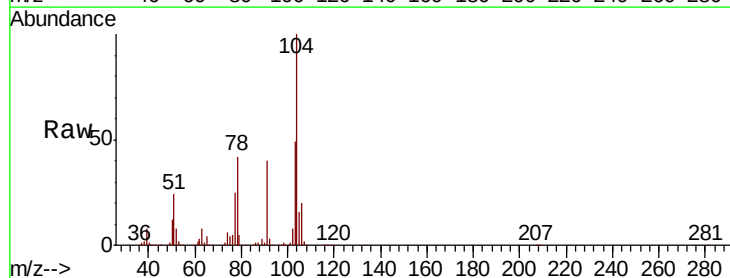
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

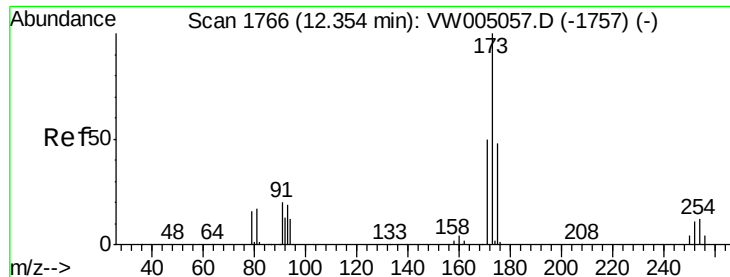
Tgt Ion:106 Resp: 190156
Ion Ratio Lower Upper
106 100
91 209.9 105.6 316.8



#70
Styrene
Concen: 21.048 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion:104 Resp: 320689
Ion Ratio Lower Upper
104 100
78 47.5 37.8 56.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 22.722 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

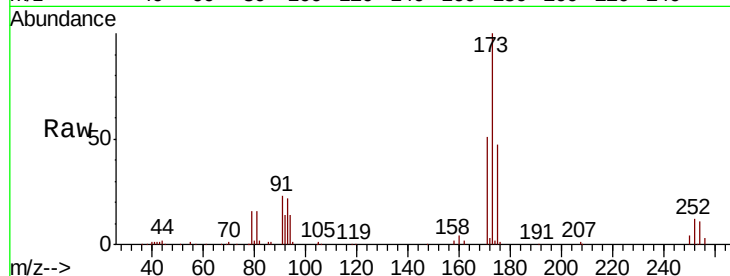
Tgt Ion:173 Resp: 54238

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

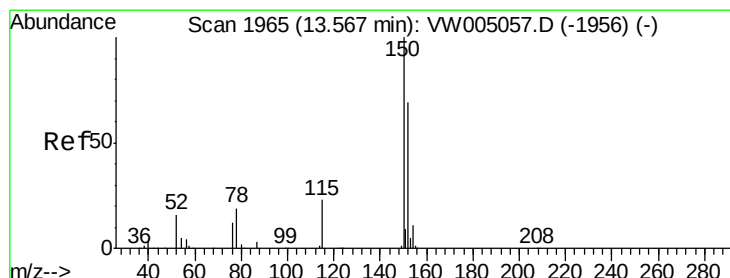
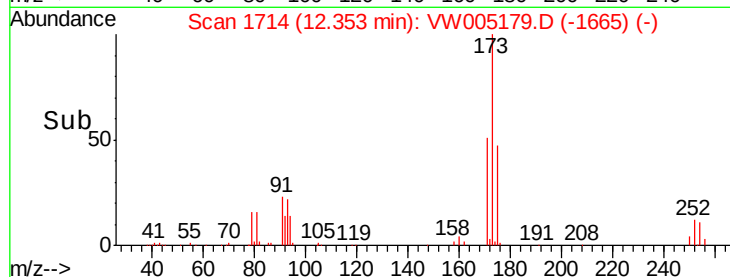
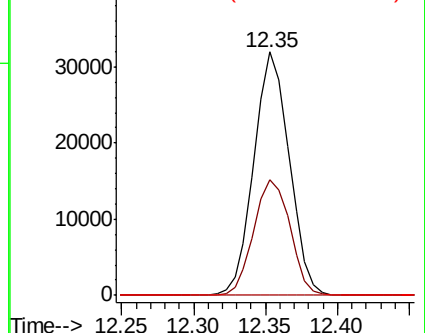
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

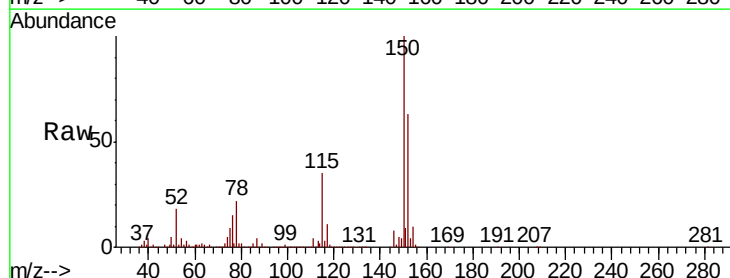
Tgt Ion:152 Resp: 366576

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

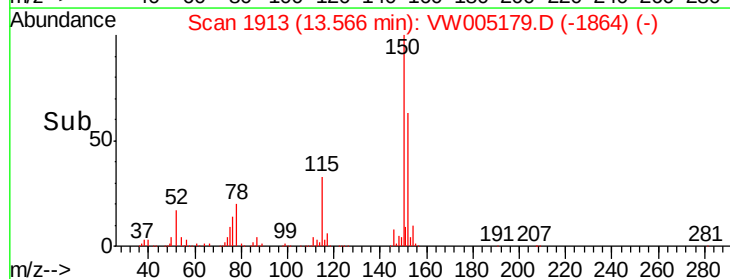
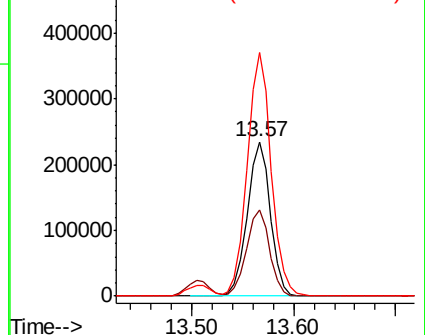
150 164.4 0.0 351.4

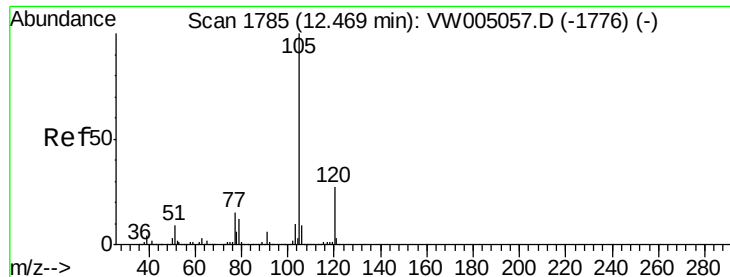


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.490 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

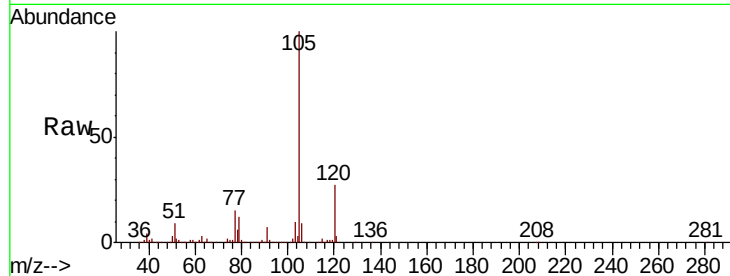
VW0906SBSD01

Tgt Ion: 105 Resp: 503778

Ion Ratio Lower Upper

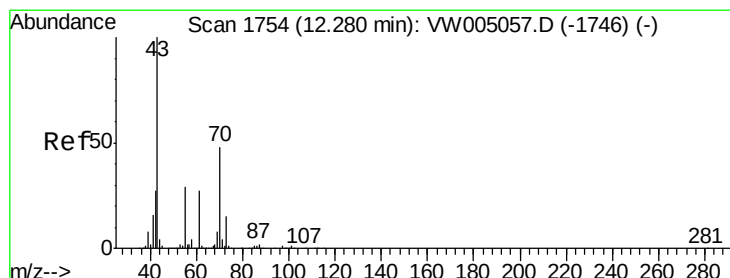
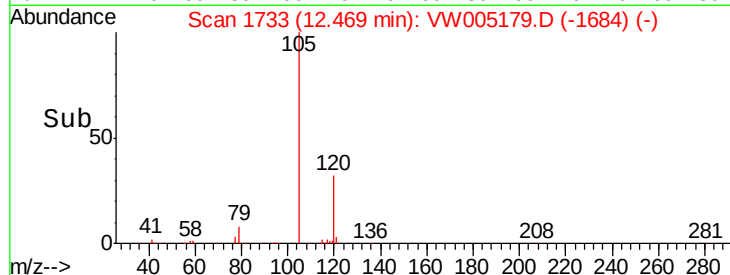
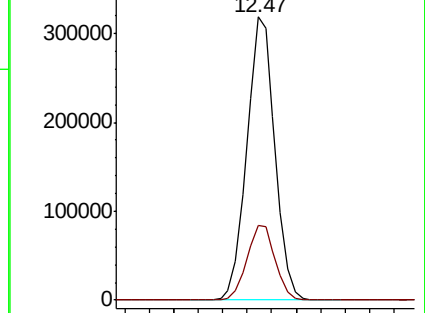
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 24.645 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion: 43 Resp: 109684

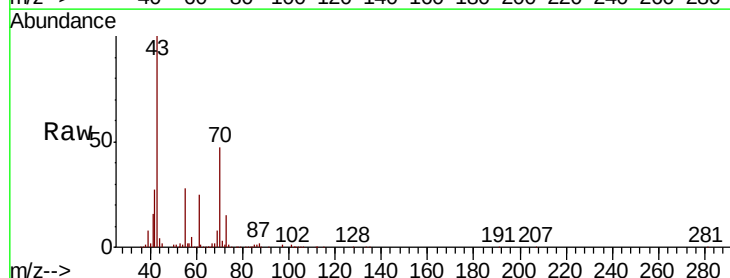
Ion Ratio Lower Upper

43 100

70 46.5 38.2 57.4

55 28.7 23.2 34.8

61 25.2 20.6 31.0

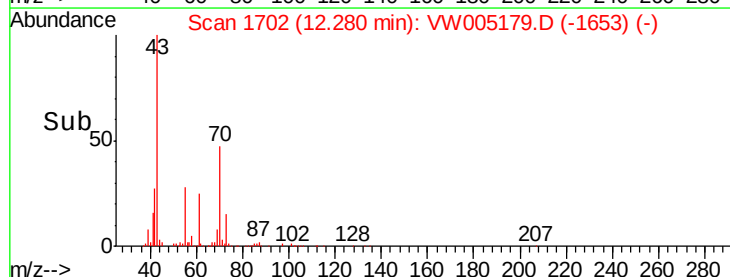
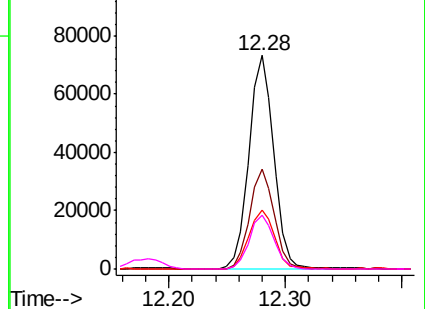


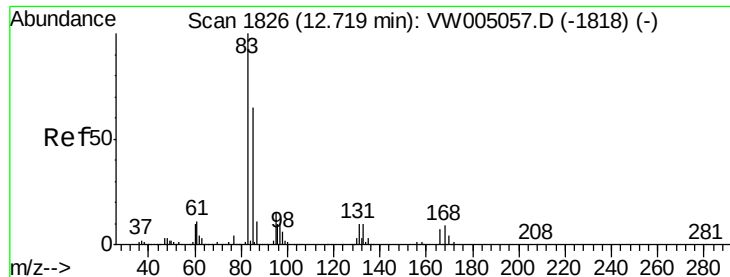
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 23.929 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

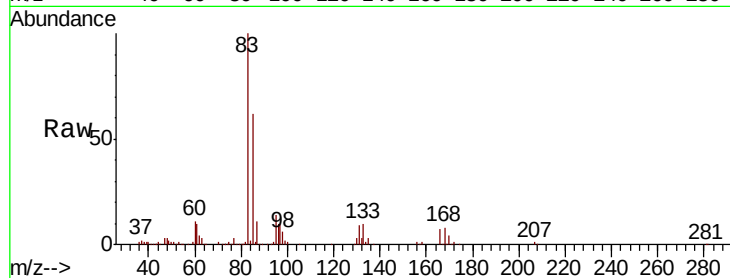
Tgt Ion: 83 Resp: 94158

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

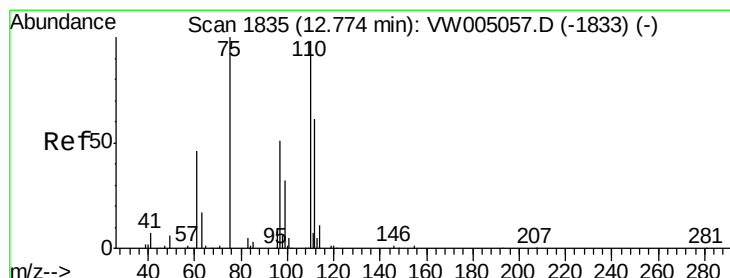
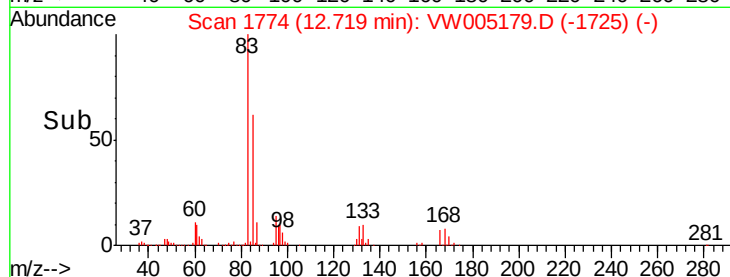
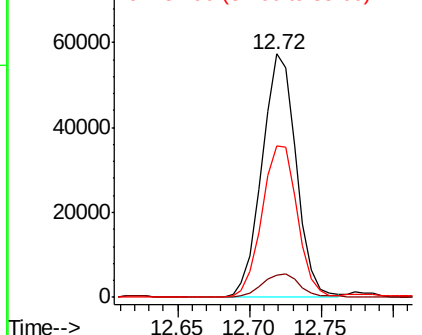
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.571 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005179.D

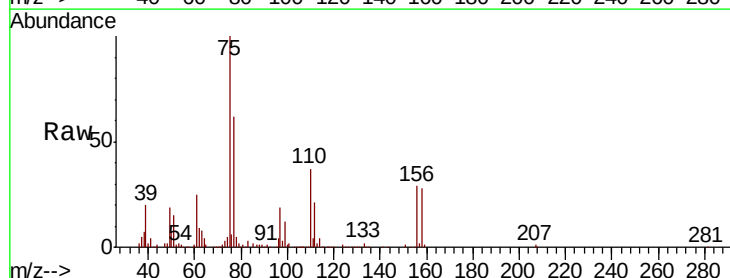
Acq: 06 Sep 2018 21:49

Tgt Ion: 75 Resp: 119889

Ion Ratio Lower Upper

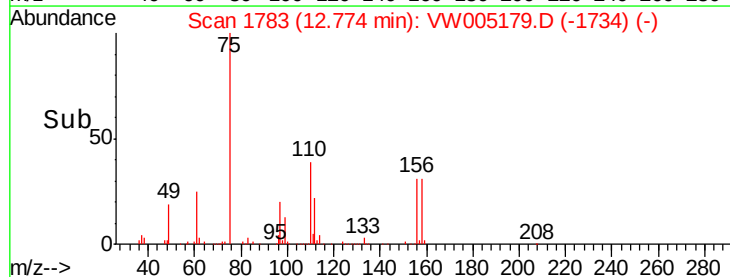
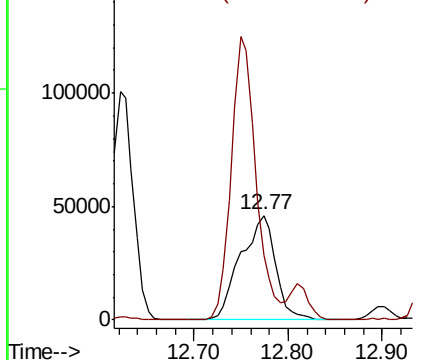
75 100

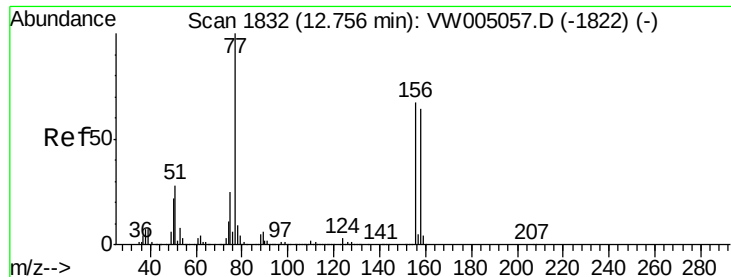
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

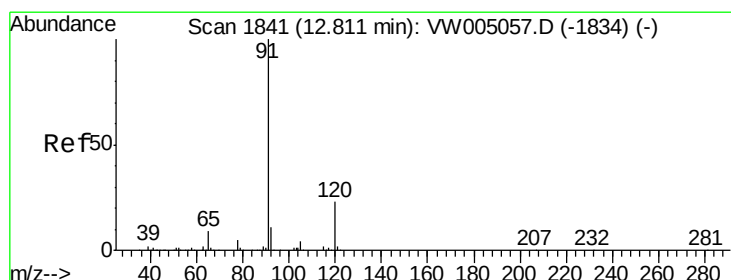
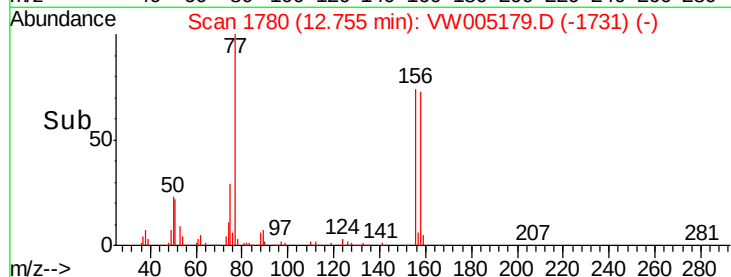
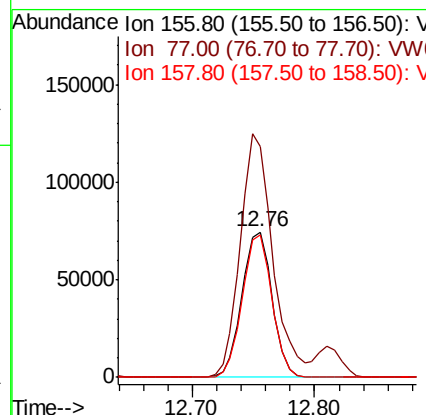
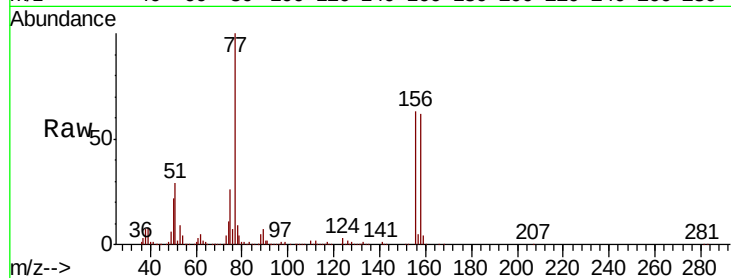




#77
Bromobenzene
Concen: 19.906 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

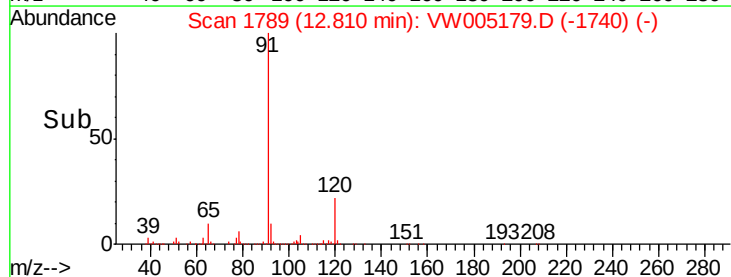
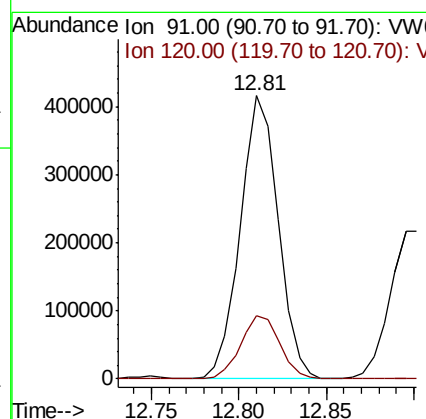
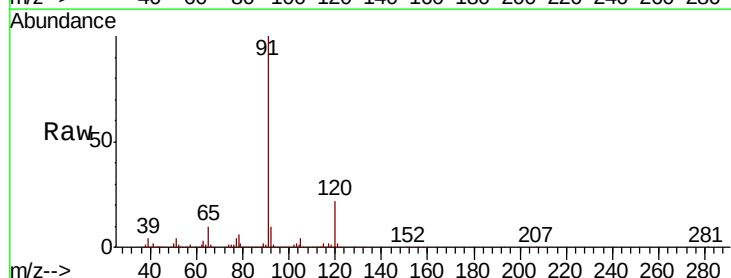
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

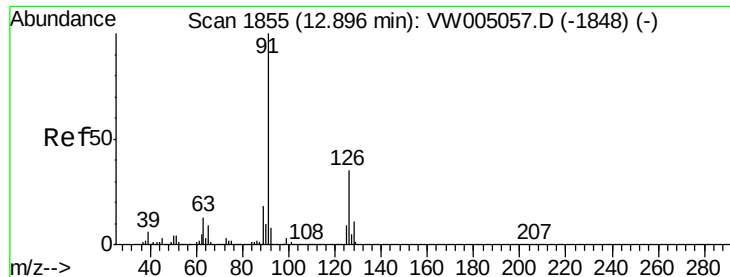
Tgt Ion: 156 Resp: 126779
Ion Ratio Lower Upper
156 100
77 180.3 85.8 257.4
158 97.0 48.1 144.4



#78
n-propylbenzene
Concen: 20.077 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 91 Resp: 626476
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.3





#79

2-Chlorotoluene

Concen: 19.895 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

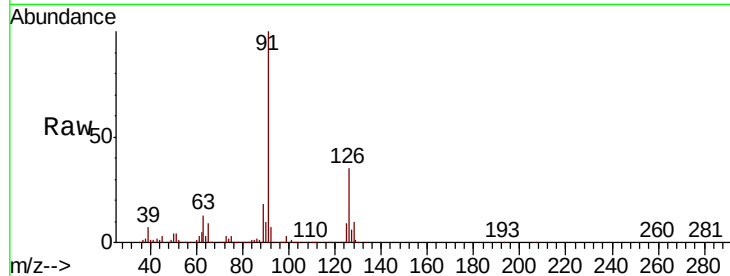
VW0906SBSD01

Tgt Ion: 91 Resp: 362170

Ion Ratio Lower Upper

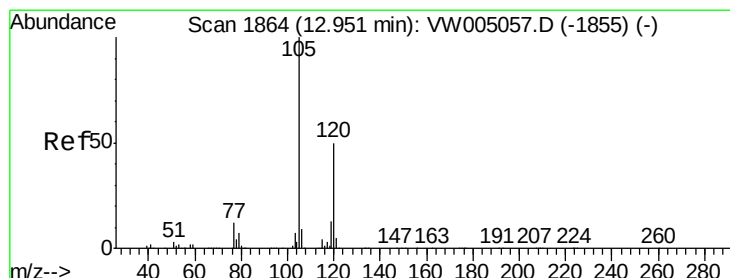
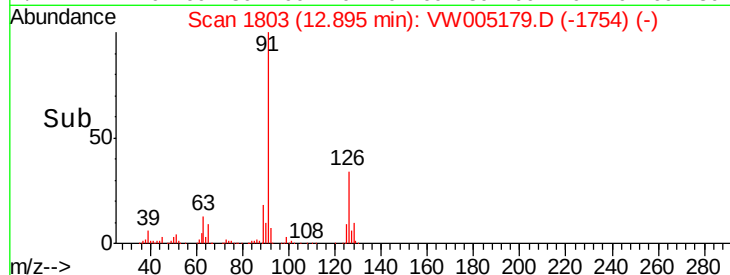
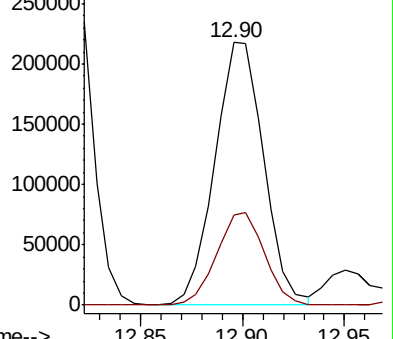
91 100

126 34.6 17.3 52.0



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: 19.860 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005179.D

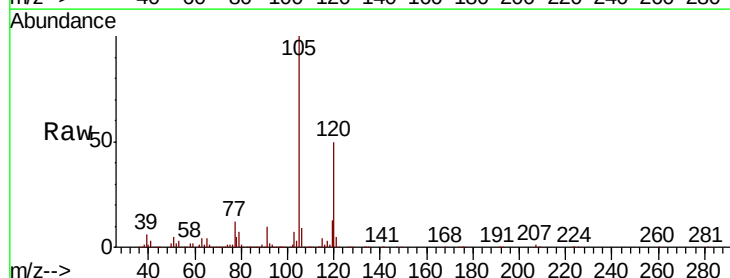
Acq: 06 Sep 2018 21:49

Tgt Ion: 105 Resp: 443929

Ion Ratio Lower Upper

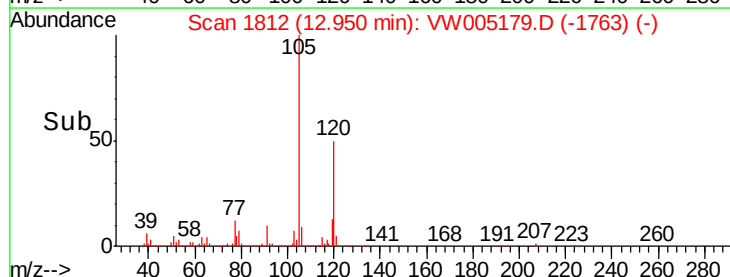
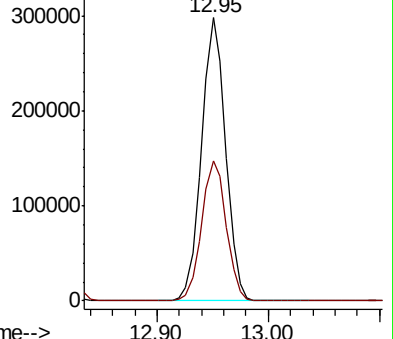
105 100

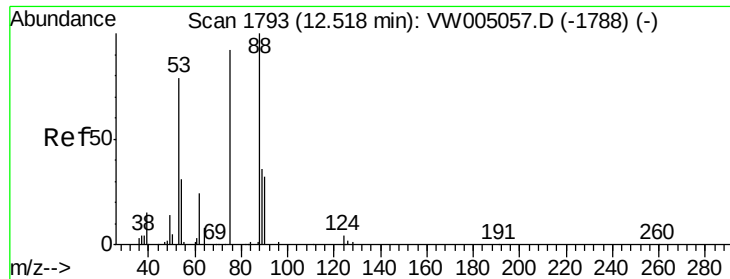
120 50.5 24.9 74.8



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: 22.925 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

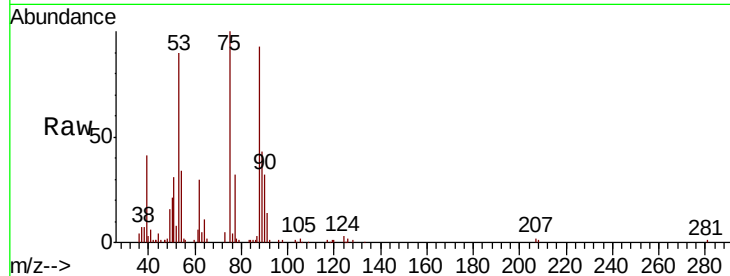
Tgt Ion: 75 Resp: 26208

Ion Ratio Lower Upper

75 100

53 89.0 69.8 104.8

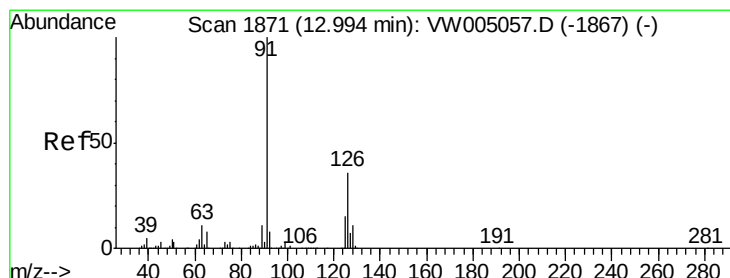
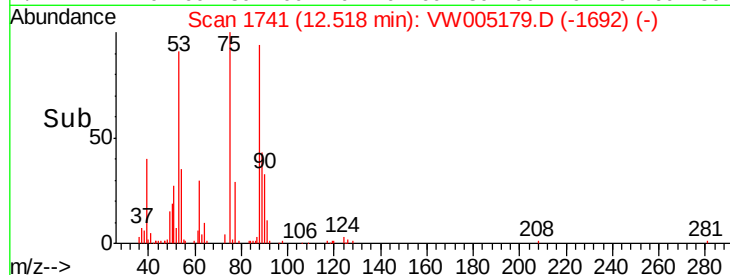
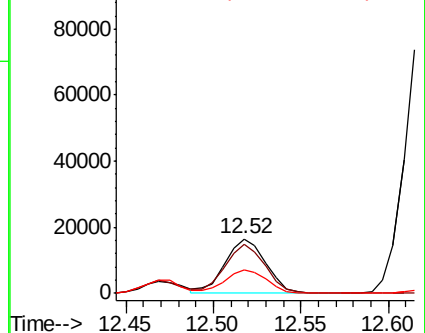
89 44.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.120 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005179.D

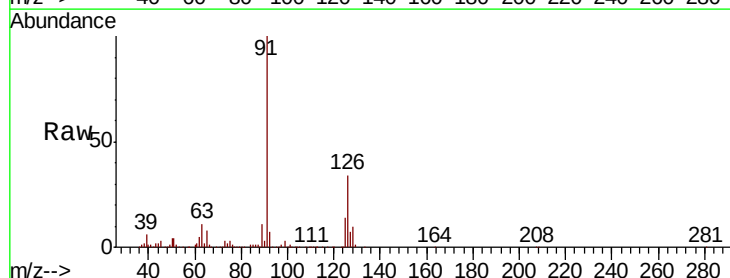
Acq: 06 Sep 2018 21:49

Tgt Ion: 91 Resp: 386767

Ion Ratio Lower Upper

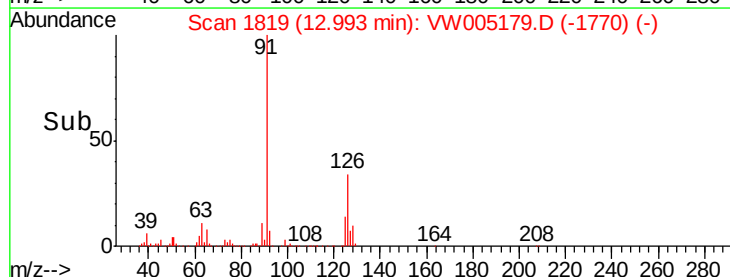
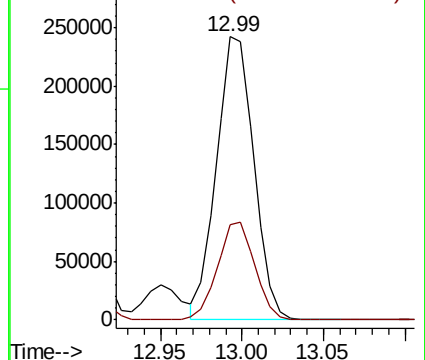
91 100

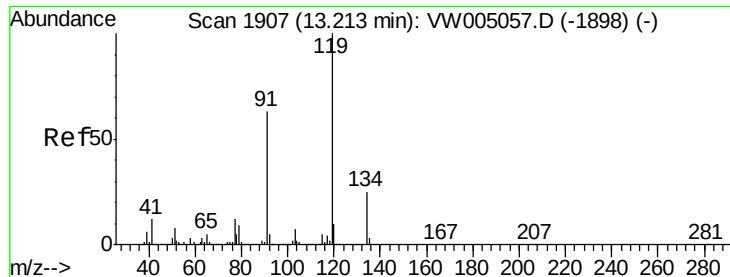
126 34.4 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.796 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

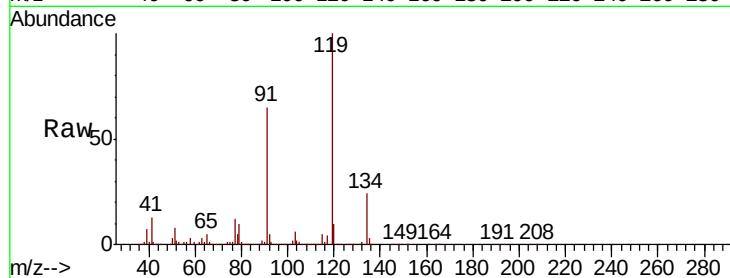
Tgt Ion:119 Resp: 369520

Ion Ratio Lower Upper

119 100

91 64.5 31.8 95.4

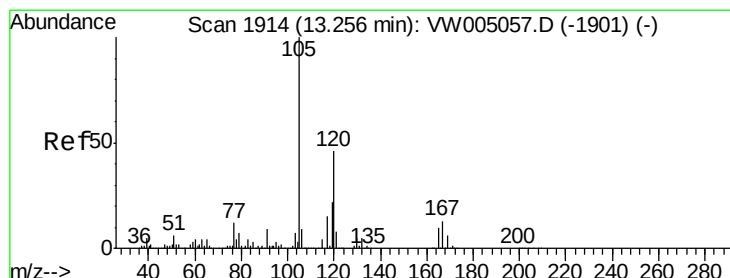
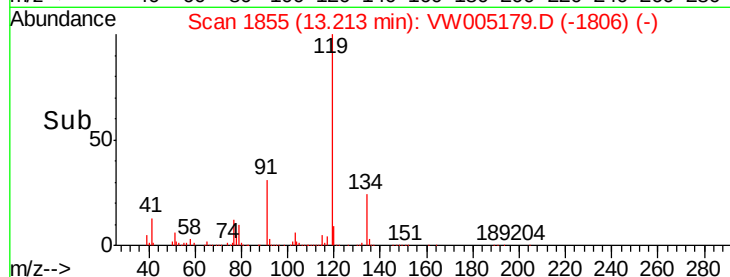
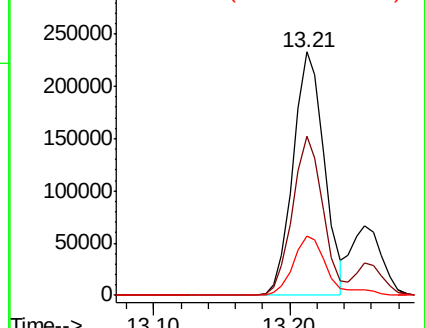
134 26.3 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.234 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005179.D

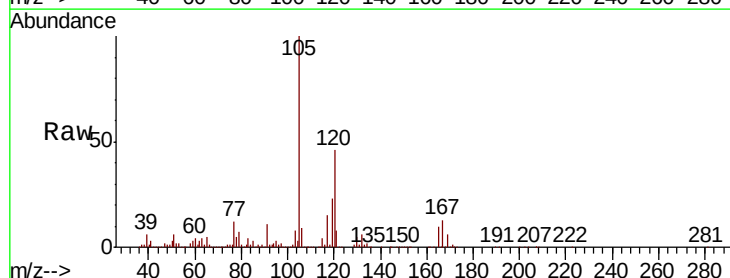
Acq: 06 Sep 2018 21:49

Tgt Ion:105 Resp: 460616

Ion Ratio Lower Upper

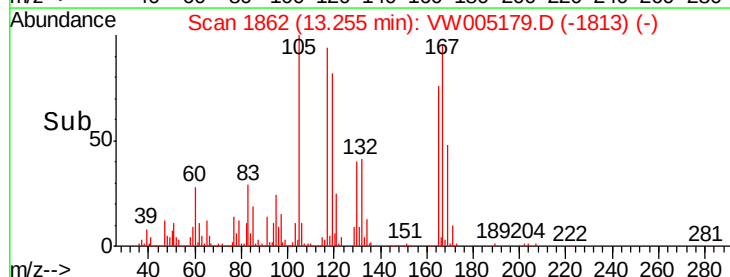
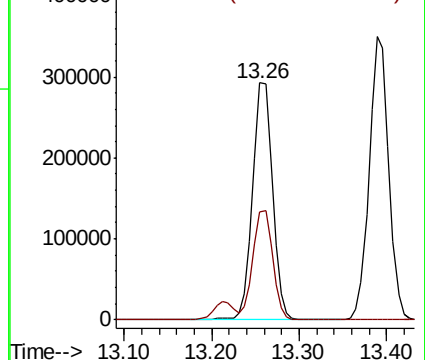
105 100

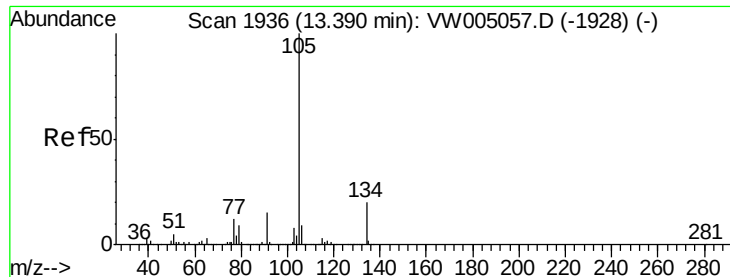
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

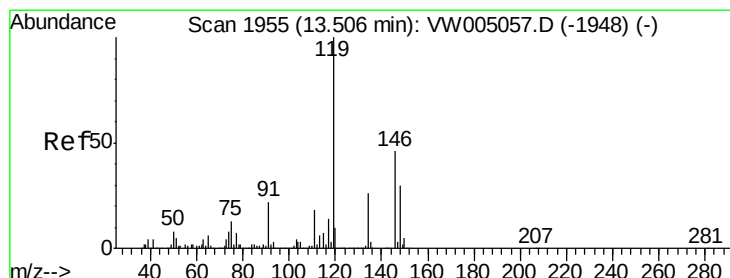
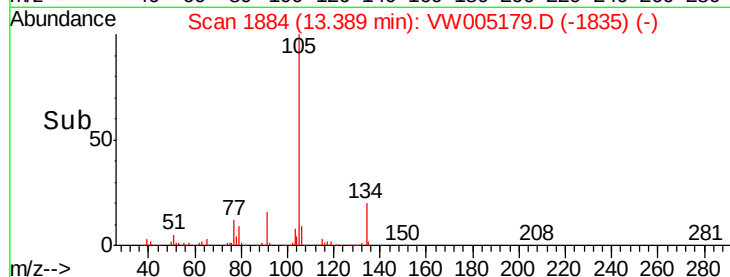
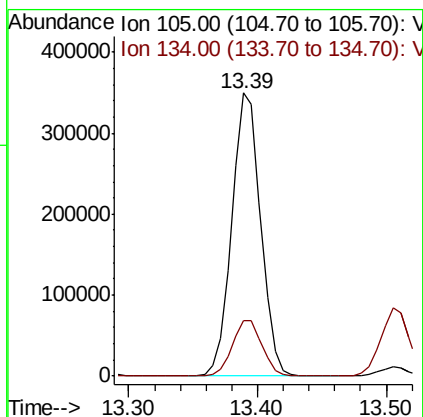
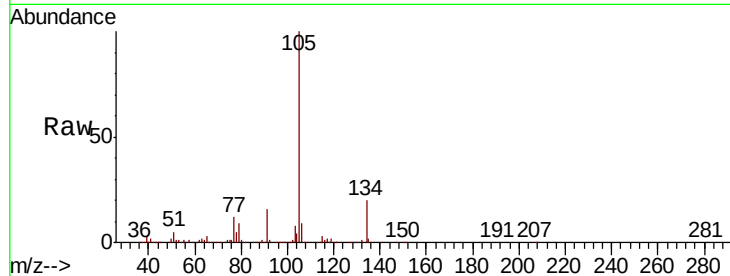




#85
 sec-Butylbenzene
 Concen: 19.783 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

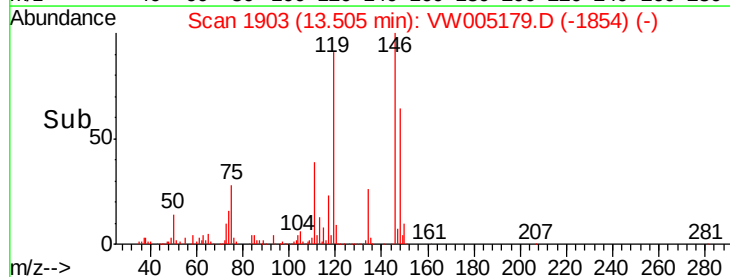
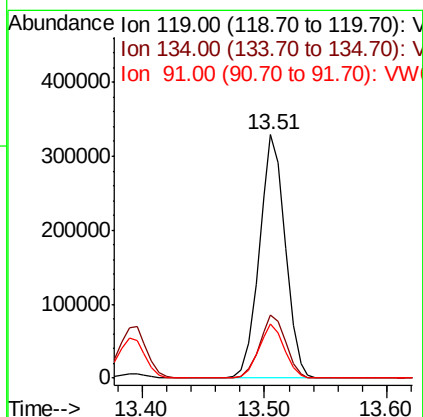
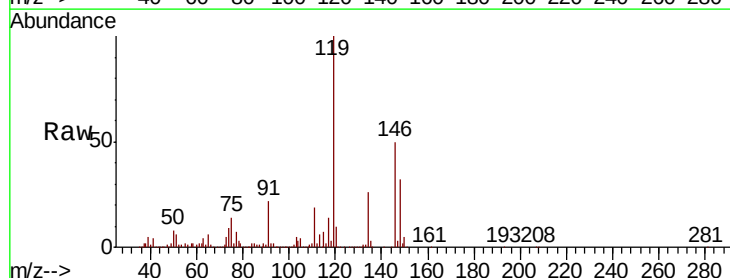
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

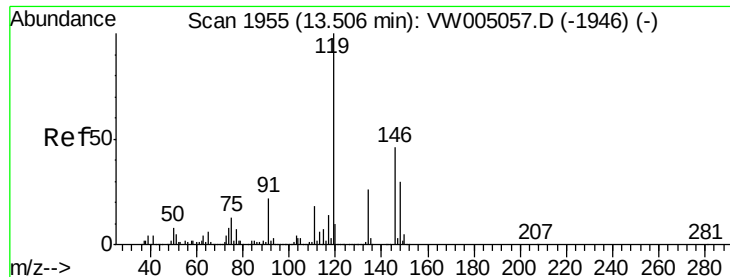
Tgt Ion:105 Resp: 542695
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.944 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion:119 Resp: 484320
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 21.9 10.9 32.9

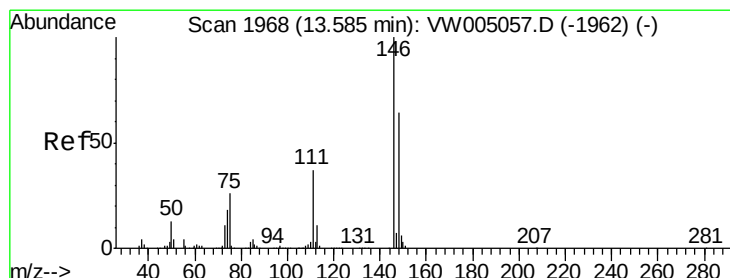
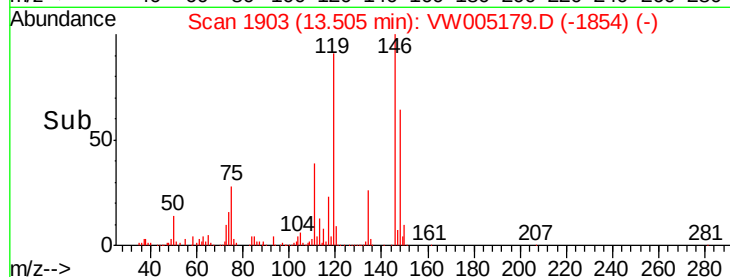
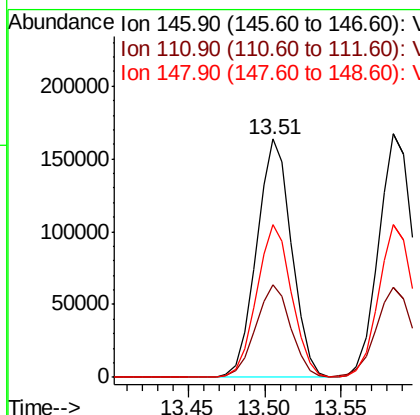
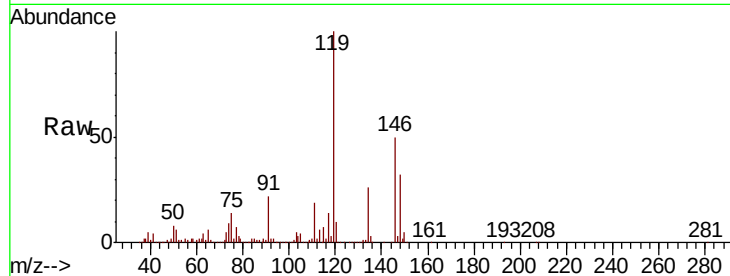




#87
 1,3-Dichlorobenzene
 Concen: 19.874 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

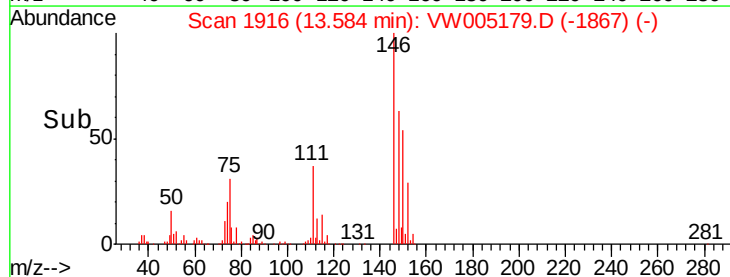
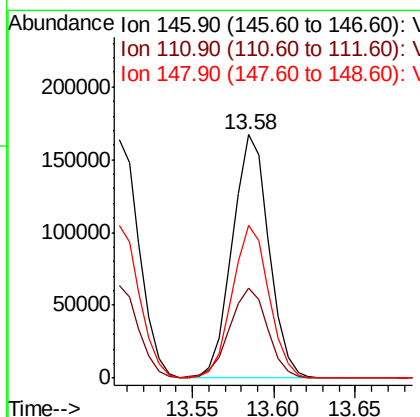
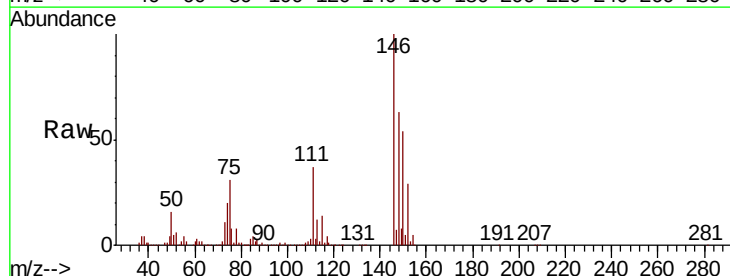
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

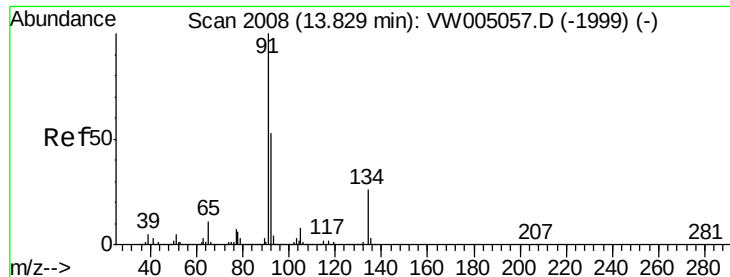
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	64.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	56.0
148	62.9	32.0	96.0





#89

n-Butylbenzene

Concen: 19.942 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

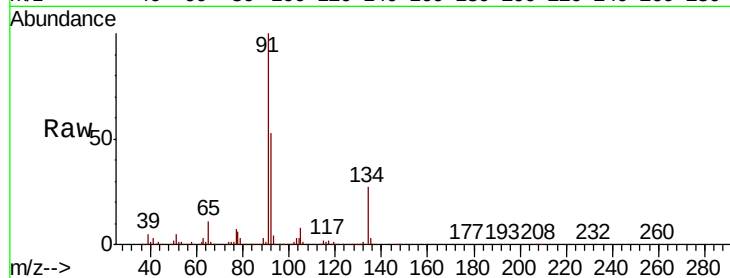
Tgt Ion: 91 Resp: 448796

Ion Ratio Lower Upper

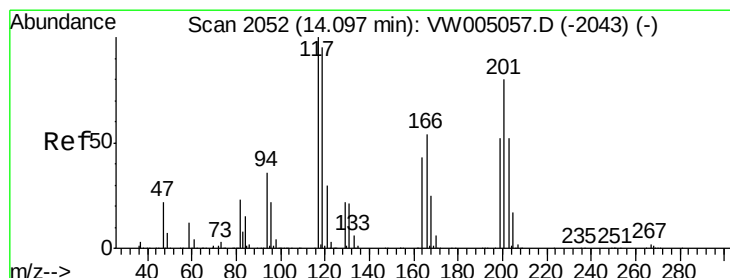
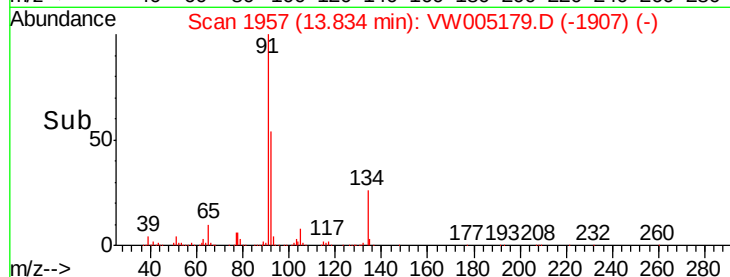
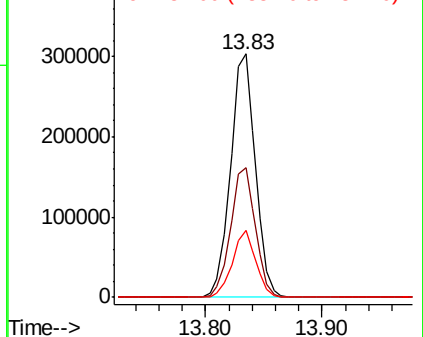
91 100

92 53.1 26.5 79.5

134 26.0 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.521 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005179.D

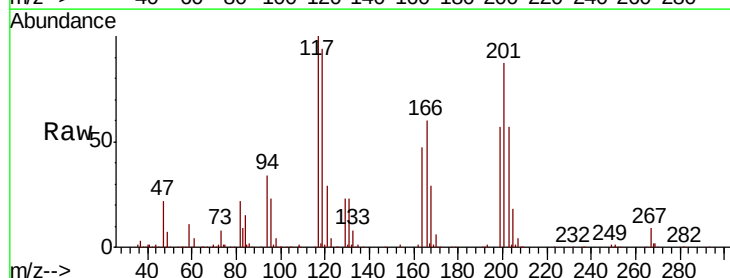
Acq: 06 Sep 2018 21:49

Tgt Ion: 117 Resp: 78742

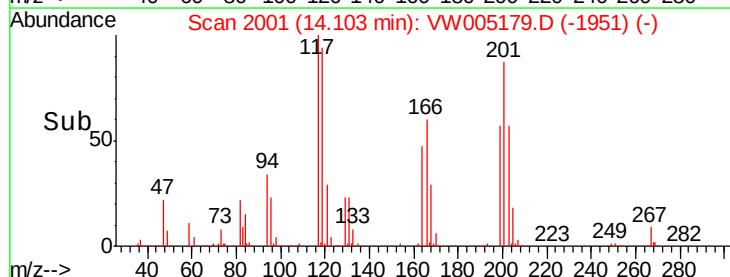
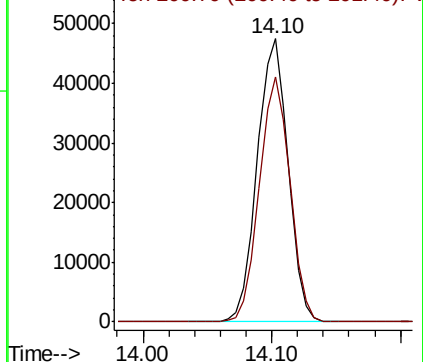
Ion Ratio Lower Upper

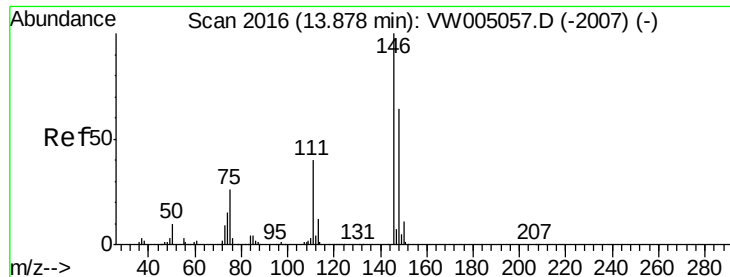
117 100

201 86.1 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.625 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

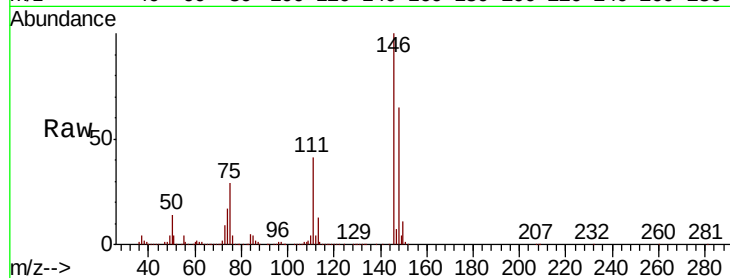
Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tgt Ion:	146	Resp:	235182
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.8	31.9	95.9

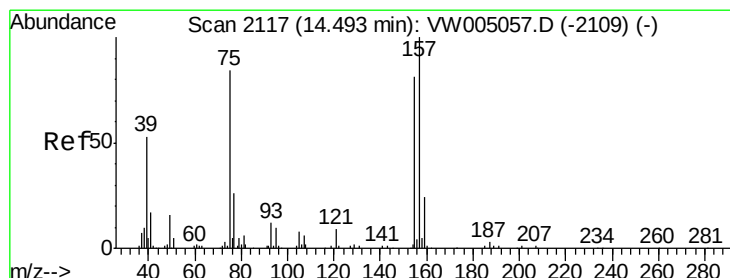
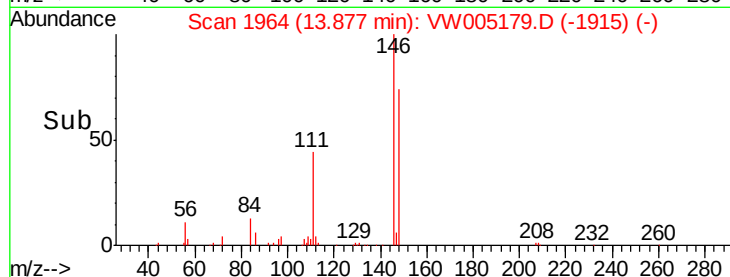
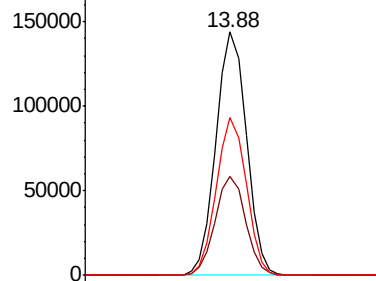


Abundance

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: 23.802 ug/l

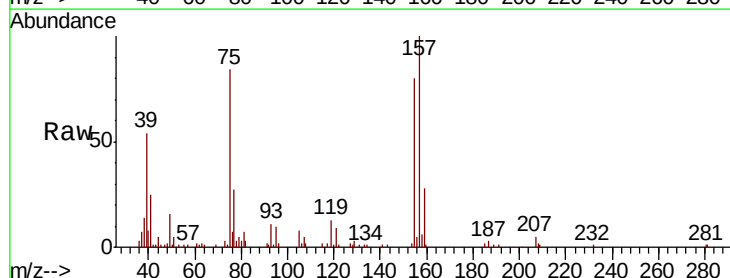
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	75	Resp:	14636
Ion	Ratio	Lower	Upper
75	100		
155	91.5	46.0	137.8
157	119.4	58.6	175.7

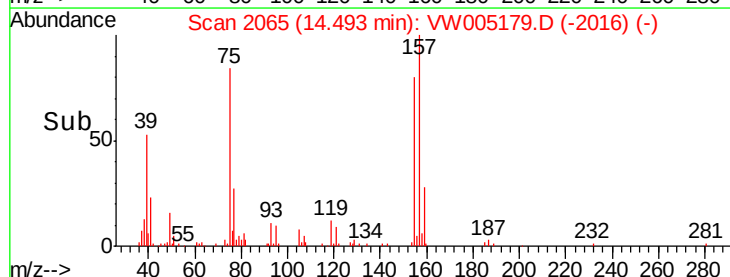
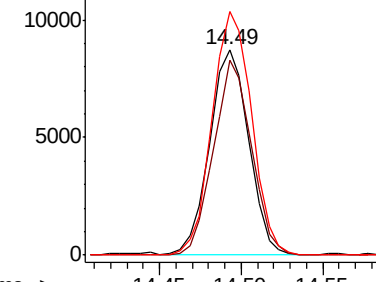


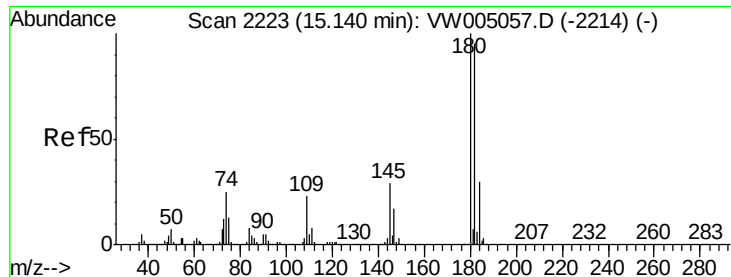
Abundance

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

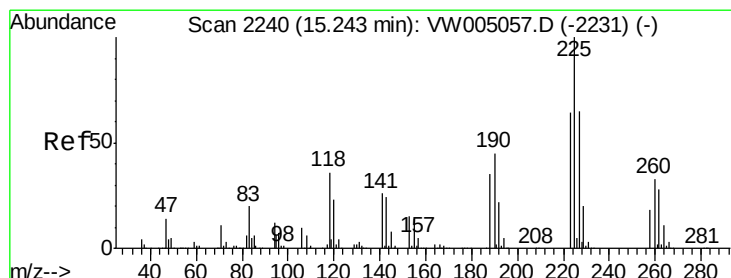
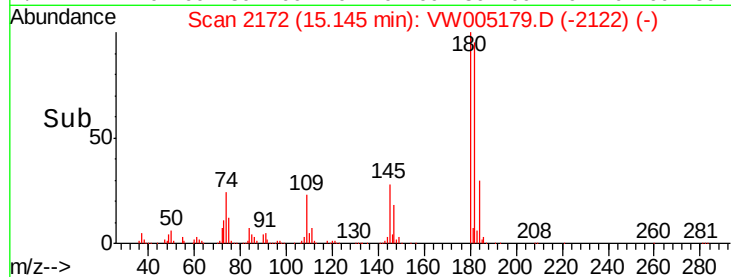
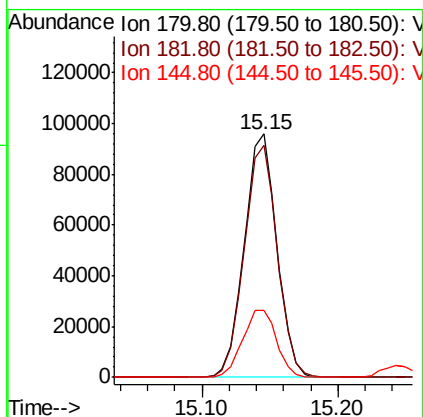
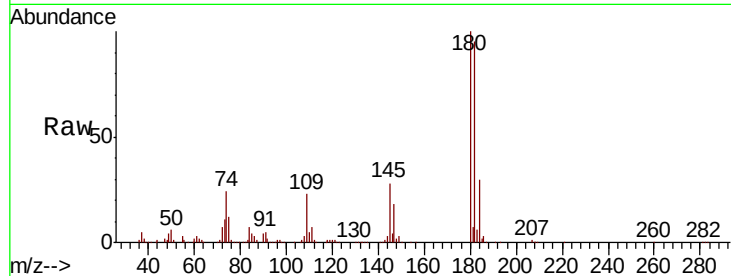




#93
 1,2,4-Trichlorobenzene
 Concen: 21.010 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

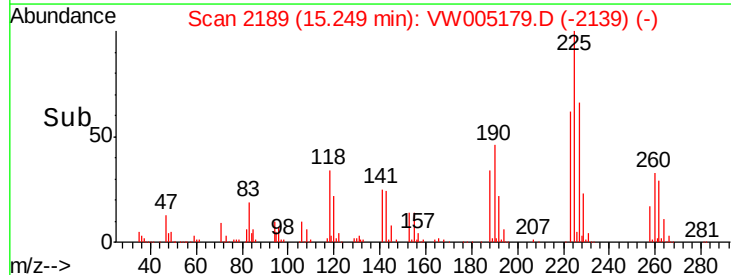
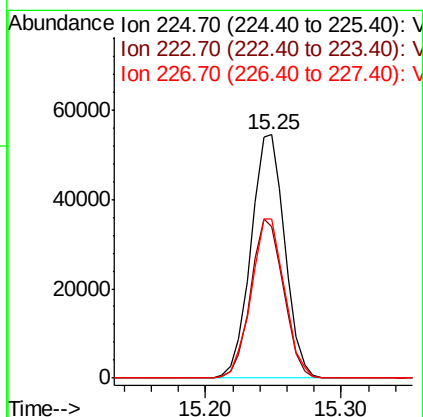
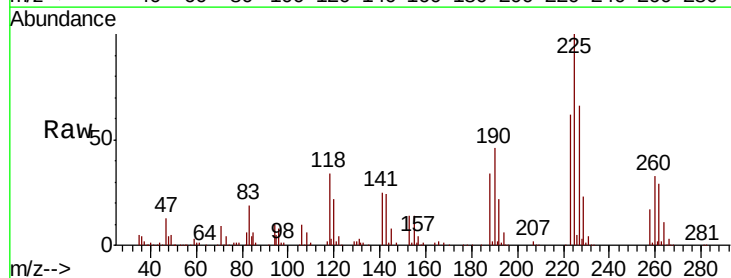
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

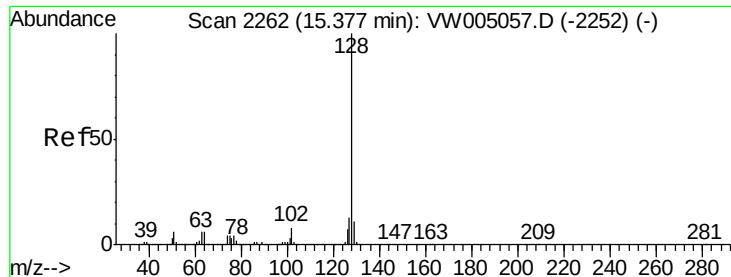
Tgt Ion:180 Resp: 160636
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.5 142.6
 145 29.0 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 19.964 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion:225 Resp: 94932
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.3
 227 64.6 32.0 96.0

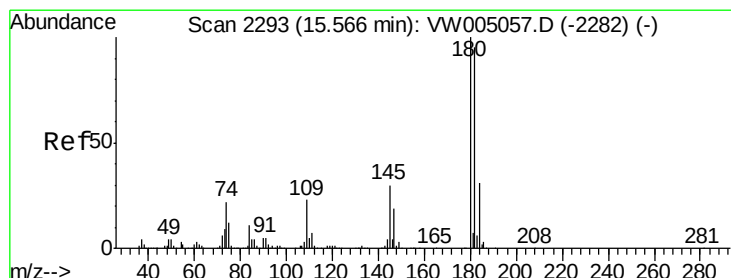
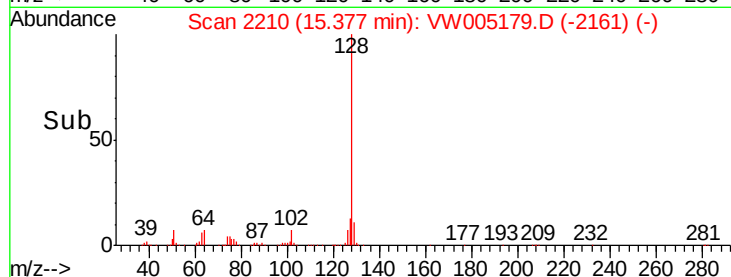
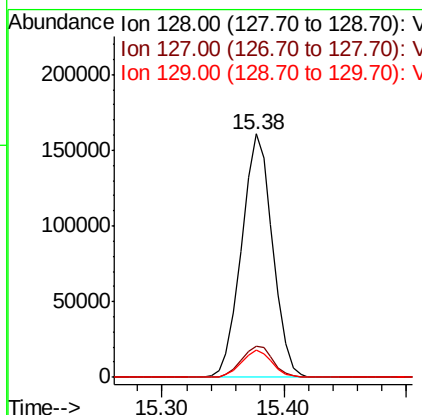
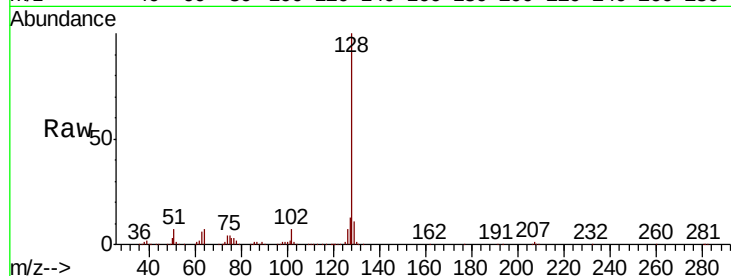




#95
Naphthalene
Concen: 23.674 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.326 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	30.4	15.4	46.1

