

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006147.D
 Acq On : 18 Oct 2018 02:21
 Operator : VA/AP
 Sample : VW1017SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

Quant Time: Oct 18 10:48:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	394829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202510	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115957	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.88	113	117087	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.33	98	437250	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	167649	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	19261	14.50	ug/l	100
3) Chloromethane	2.21	50	30232	17.68	ug/l	100
4) Vinyl Chloride	2.37	62	44966	18.41	ug/l	97
5) Bromomethane	2.78	94	45666	20.56	ug/l	97
6) Chloroethane	2.93	64	33430	19.10	ug/l	99
7) Trichlorofluoromethane	3.26	101	38181	16.78	ug/l	95
8) Diethyl Ether	3.68	74	28382	23.47	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46760	19.61	ug/l	99
10) Methyl Iodide	4.27	142	83685	21.08	ug/l	99
11) Tert butyl alcohol	5.21	59	16157	107.92	ug/l	99
12) 1,1-Dichloroethene	4.03	96	46052	20.53	ug/l	92
13) Acrolein	3.90	56	14542	100.38	ug/l	94
14) Allyl chloride	4.67	41	64307	20.05	ug/l	99
15) Acrylonitrile	5.38	53	48063	110.81	ug/l	99
16) Acetone	4.14	43	42895	93.44	ug/l	98
17) Carbon Disulfide	4.38	76	122457	18.09	ug/l	100
18) Methyl Acetate	4.68	43	26147	23.34	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	74318	21.75	ug/l	96
20) Methylene Chloride	4.92	84	54377	22.18	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52389	20.92	ug/l	98
22) Diisopropyl ether	6.32	45	135798	21.42	ug/l	97
23) Vinyl Acetate	6.26	43	391384	104.62	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87585	21.41	ug/l	99
25) 2-Butanone	7.18	43	65959	109.68	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53342	18.49	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59907	21.68	ug/l	99
28) Bromochloromethane	7.51	49	29579	18.73	ug/l	97
29) Tetrahydrofuran	7.54	42	41267	111.64	ug/l	98
30) Chloroform	7.68	83	96867	21.74	ug/l	100
31) Cyclohexane	7.96	56	78658	19.31	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80889	20.12	ug/l	98
36) 1,1-Dichloropropene	8.09	75	74538	20.48	ug/l	99
37) Ethyl Acetate	7.26	43	29168	21.57	ug/l	99
38) Carbon Tetrachloride	8.07	117	76635	19.21	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006147.D
 Acq On : 18 Oct 2018 02:21
 Operator : VA/AP
 Sample : VW1017SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1017SBS02

Quant Time: Oct 18 10:48:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93700	19.37	ug/l	94
40) Benzene	8.32	78	208743	20.91	ug/l	99
41) Methacrylonitrile	7.49	41	16646	20.42	ug/l	94
42) 1,2-Dichloroethane	8.40	62	64151	21.87	ug/l	99
43) Isopropyl Acetate	8.43	43	58508	21.16	ug/l	99
44) Trichloroethene	9.09	130	63702	20.80	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49710	20.81	ug/l	99
46) Dibromomethane	9.46	93	29707	21.82	ug/l	97
47) Bromodichloromethane	9.65	83	66377	20.11	ug/l	99
48) Methyl methacrylate	9.44	41	27670	21.11	ug/l	97
49) 1,4-Dioxane	9.47	88	9733	464.37	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	151754	109.56	ug/l	100
52) Toluene	10.39	92	140935	21.06	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63546	19.32	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74020	19.61	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41420	21.74	ug/l	96
56) Ethyl methacrylate	10.65	69	50010	21.41	ug/l	96
57) 1,3-Dichloropropane	10.93	76	68409	21.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94000	105.32	ug/l	99
59) 2-Hexanone	10.98	43	103815	104.99	ug/l	99
60) Dibromochloromethane	11.13	129	47190	19.88	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40959	21.52	ug/l	99
64) Tetrachloroethene	10.87	164	61848	22.04	ug/l	95
65) Chlorobenzene	11.66	112	164273	21.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56970	20.72	ug/l	99
67) Ethyl Benzene	11.74	91	280822	20.94	ug/l	99
68) m/p-Xylenes	11.84	106	221347	41.76	ug/l	99
69) o-Xylene	12.17	106	106778	21.14	ug/l	98
70) Styrene	12.18	104	172116	20.95	ug/l	100
71) Bromoform	12.35	173	29445	19.20	ug/l #	100
73) Isopropylbenzene	12.47	105	294029	20.55	ug/l	99
74) N-amyl acetate	12.28	43	57940	20.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48060	22.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60273	38.97	ug/l #	100
77) Bromobenzene	12.75	156	74466	21.25	ug/l	99
78) n-propylbenzene	12.81	91	341288	20.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	196881	21.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	250469	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11227	17.35	ug/l	93
82) 4-Chlorotoluene	12.99	91	209192	21.35	ug/l	99
83) tert-Butylbenzene	13.21	119	221356	20.51	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	254954	20.89	ug/l	100
85) sec-Butylbenzene	13.39	105	312608	20.51	ug/l	100
86) p-Isopropyltoluene	13.51	119	279597	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	146951	21.07	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145919	21.01	ug/l	99
89) n-Butylbenzene	13.83	91	254596	20.19	ug/l	99
90) Hexachloroethane	14.10	117	43765	18.74	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	133860	21.52	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8239	21.15	ug/l	97

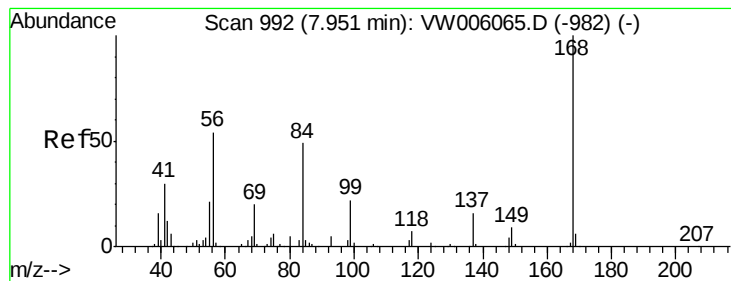
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006147.D
Acq On : 18 Oct 2018 02:21
Operator : VA/AP
Sample : VW1017SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Quant Time: Oct 18 10:48:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101899	21.29	ug/l	100
94) Hexachlorobutadiene	15.24	225	62189	20.68	ug/l	99
95) Naphthalene	15.38	128	175476	22.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	89855	21.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

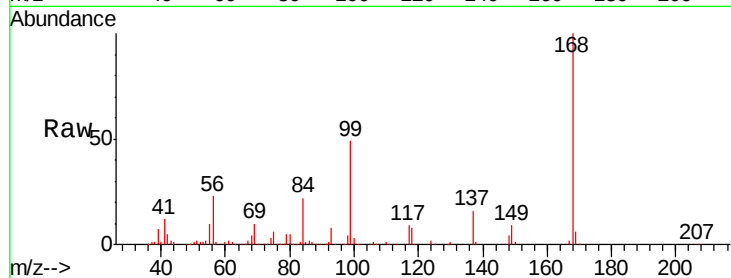
VW1017SBSD02

Tgt Ion:168 Resp: 268505

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

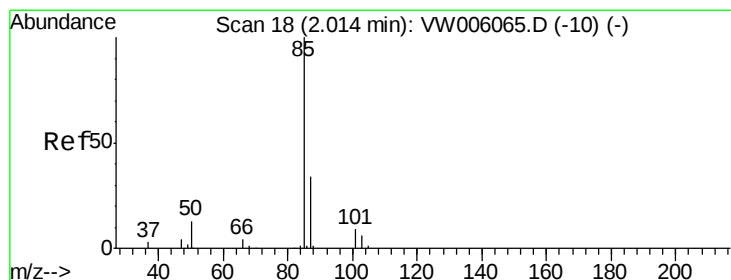
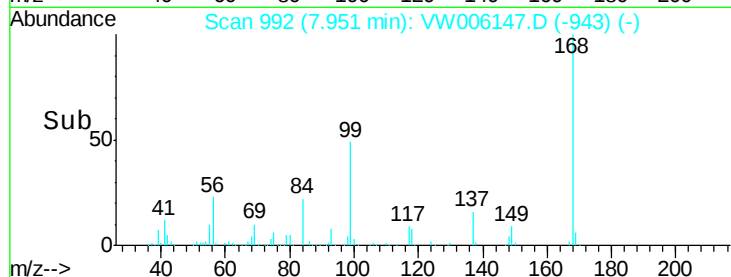
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 14.50 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006147.D

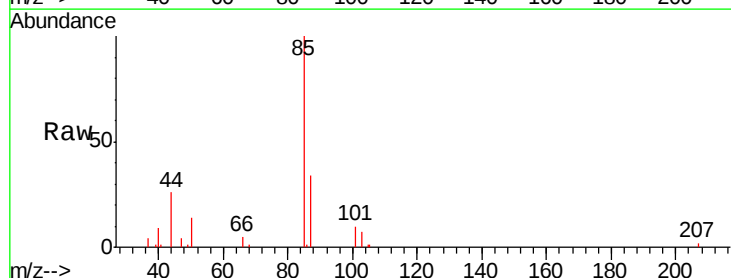
Acq: 18 Oct 2018 02:21

Tgt Ion: 85 Resp: 19261

Ion Ratio Lower Upper

85 100

87 33.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

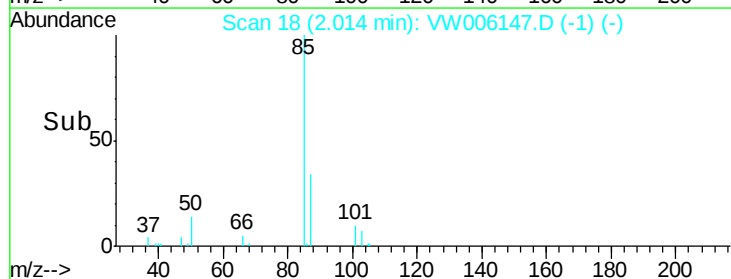
3000

2000

1000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 17.68 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

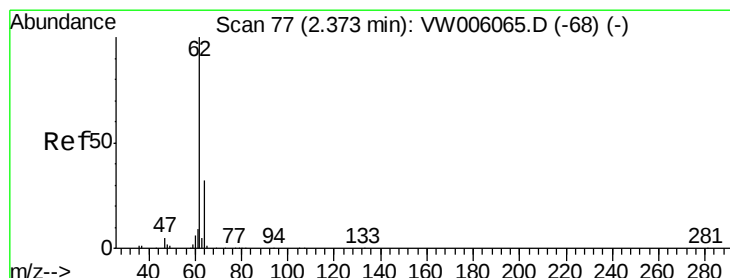
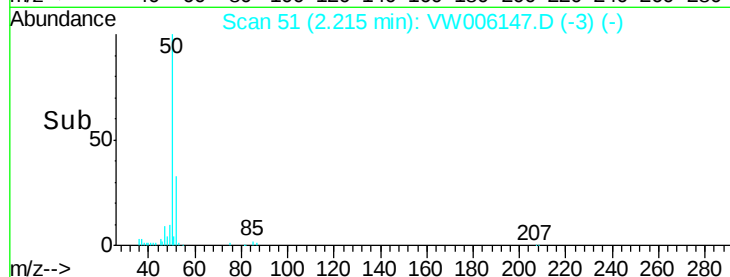
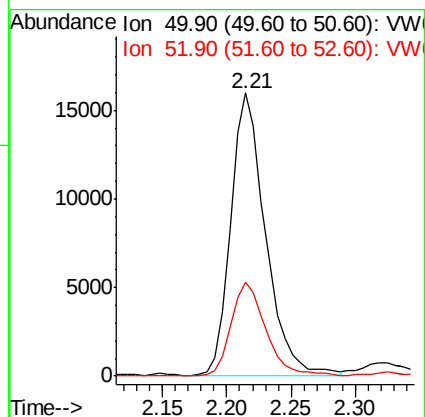
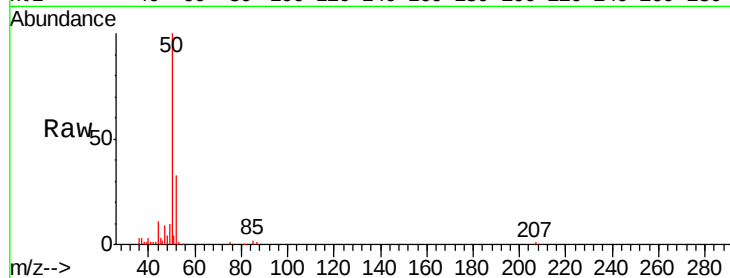
VW1017SBSD02

Tgt Ion: 50 Resp: 30232

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2



#4

Vinyl Chloride

Concen: 18.41 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006147.D

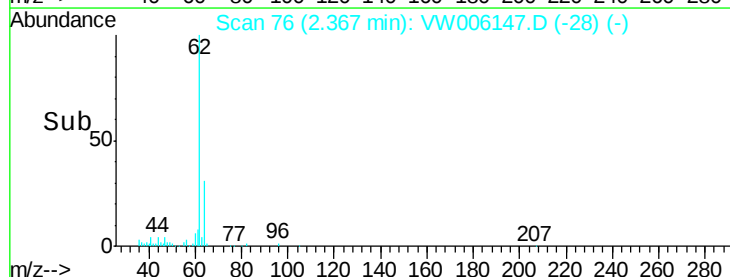
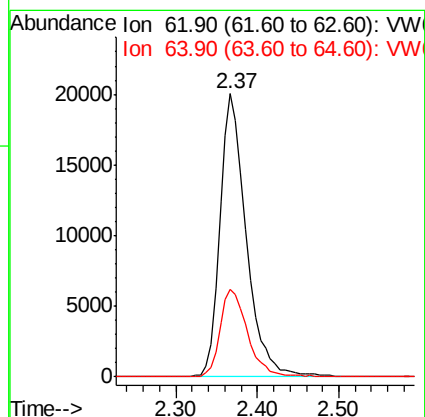
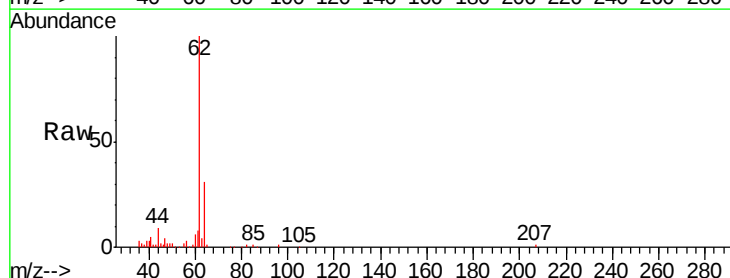
Acq: 18 Oct 2018 02:21

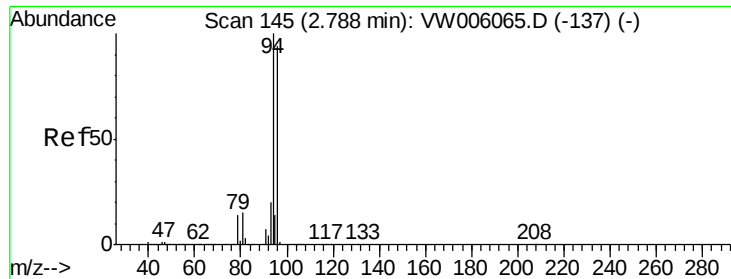
Tgt Ion: 62 Resp: 44966

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 20.56 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

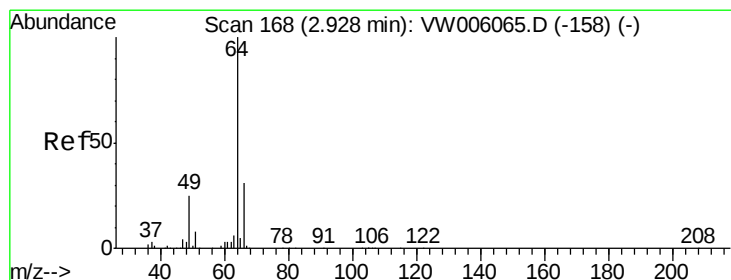
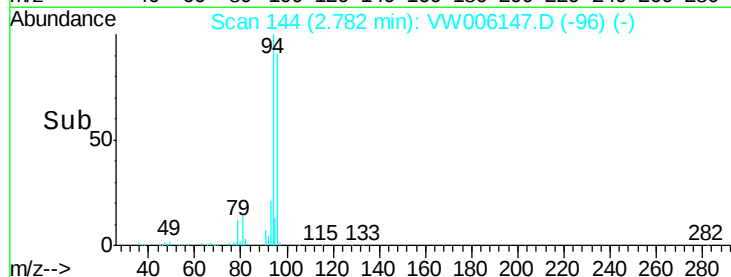
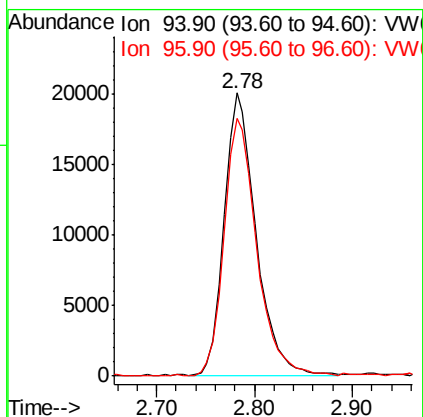
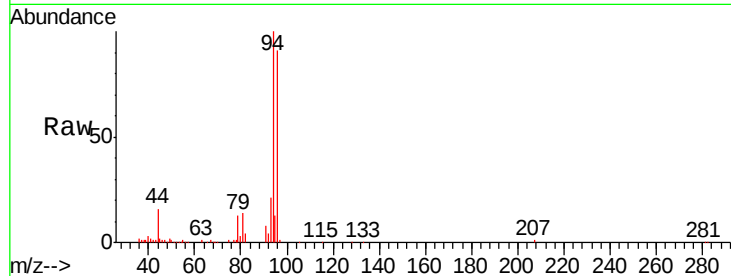
VW1017SBS02

Tgt Ion: 94 Resp: 45666

Ion Ratio Lower Upper

94 100

96 91.0 74.9 112.3



#6

Chloroethane

Concen: 19.10 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006147.D

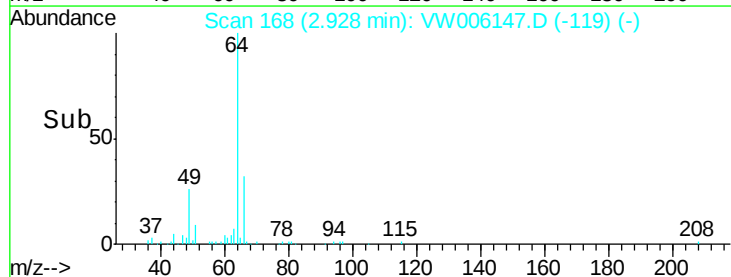
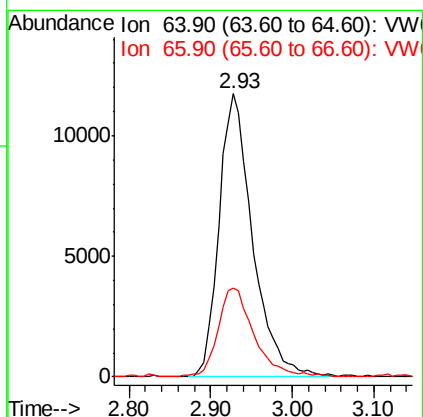
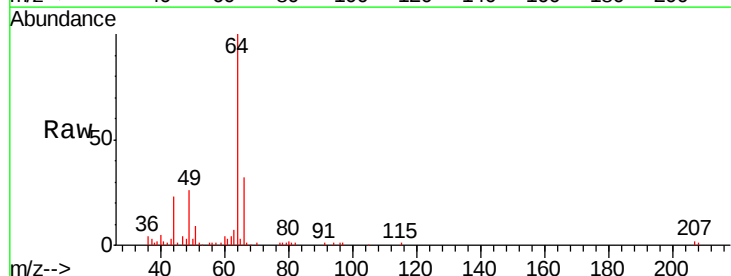
Acq: 18 Oct 2018 02:21

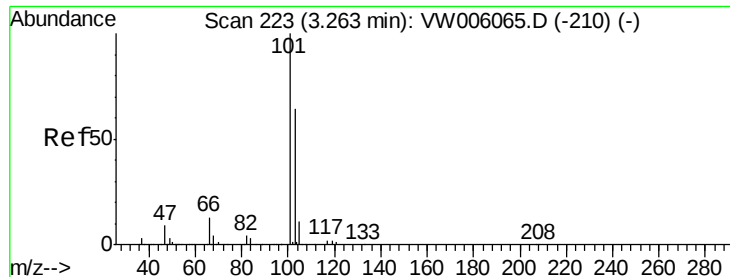
Tgt Ion: 64 Resp: 33430

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3



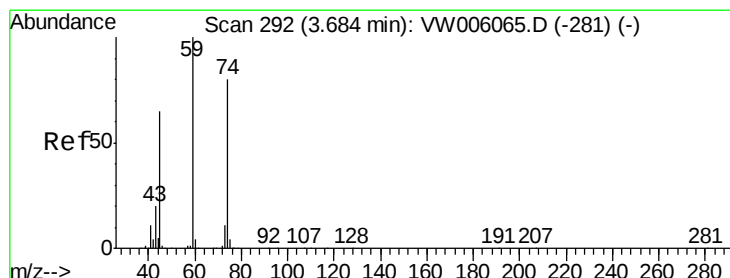
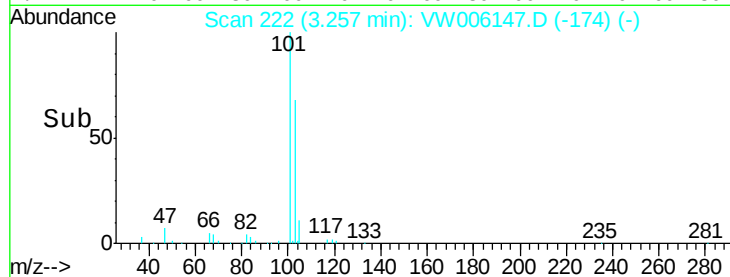
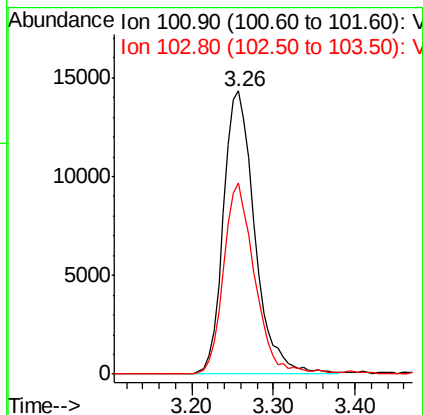
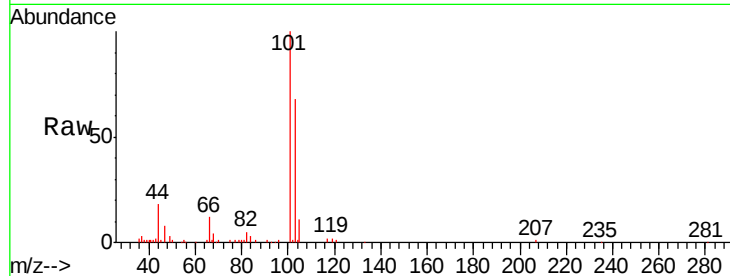


#7

Trichlorofluoromethane
 Concen: 16.78 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

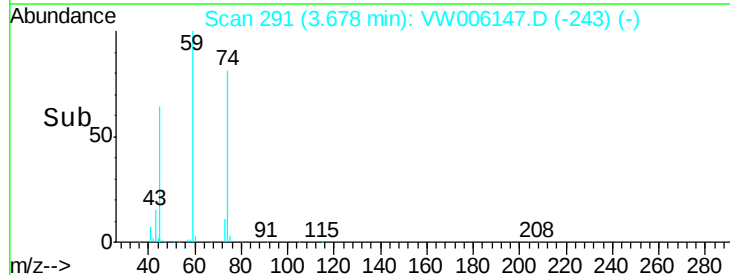
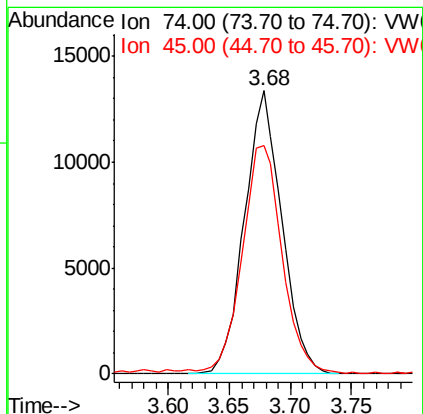
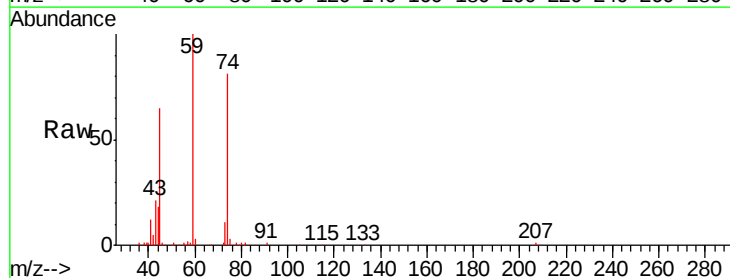
Tgt Ion: 101 Resp: 38181
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.2 76.8



#8

Diethyl Ether
 Concen: 23.47 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 74 Resp: 28382
 Ion Ratio Lower Upper
 74 100
 45 87.4 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.61 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

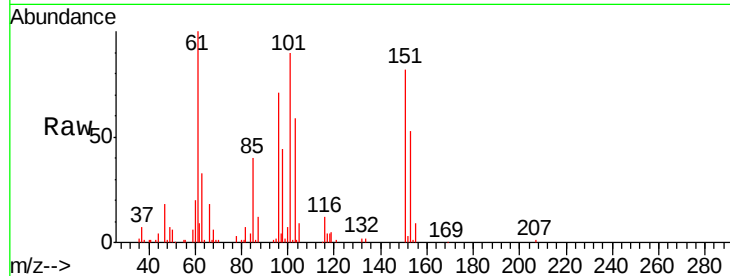
Tgt Ion:101 Resp: 46760

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

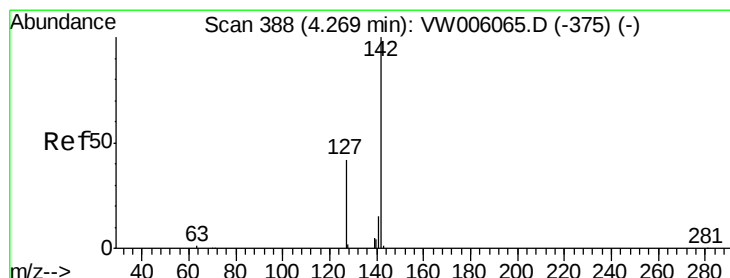
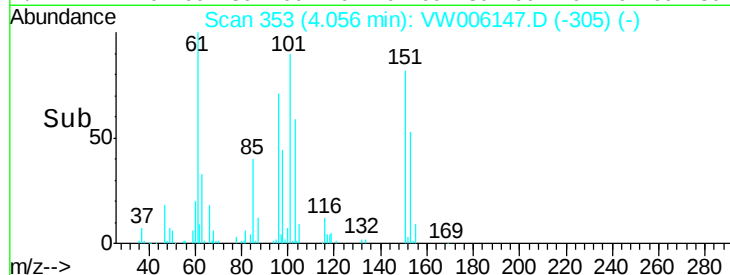
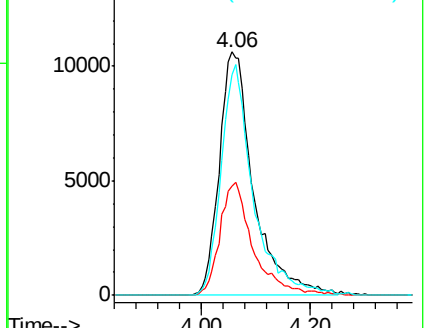
151 88.9 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.08 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

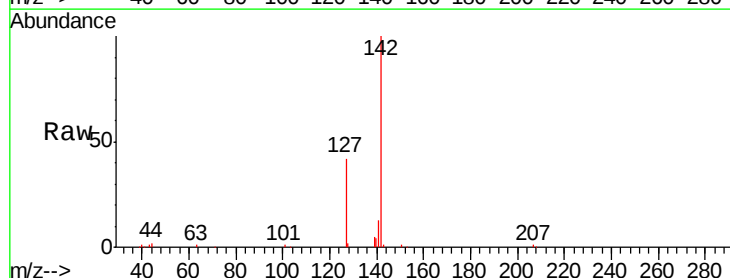
Tgt Ion:142 Resp: 83685

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

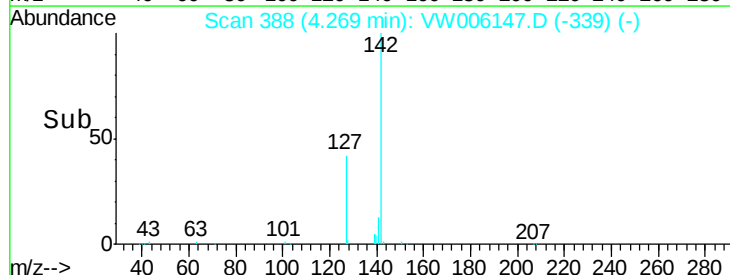
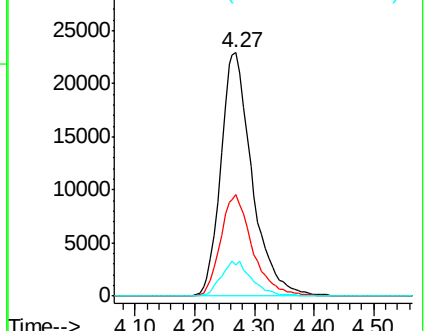
141 14.1 11.6 17.4

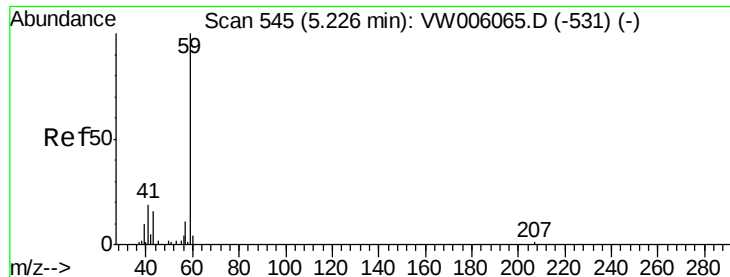


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

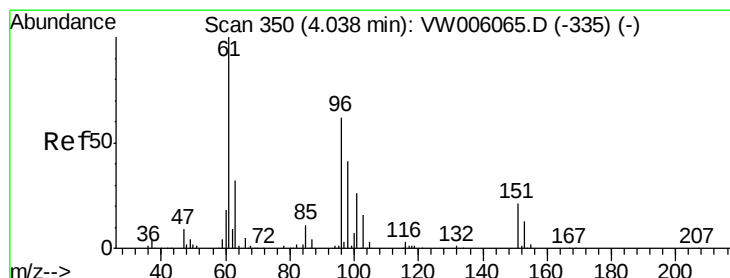
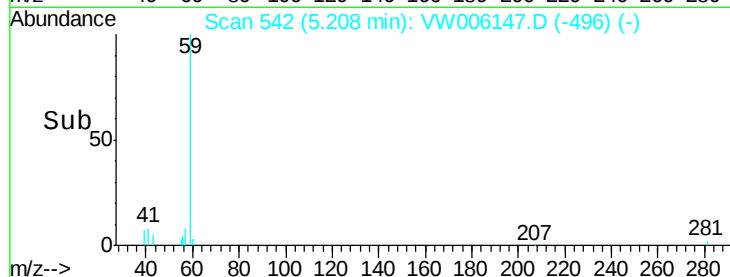
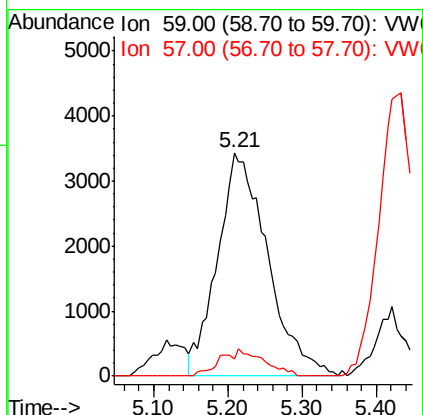
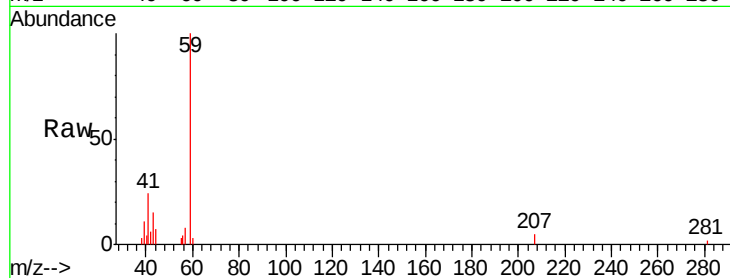




#11
Tert butyl alcohol
Concen: 107.92 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

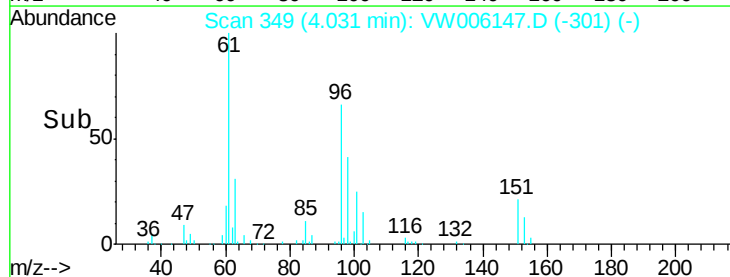
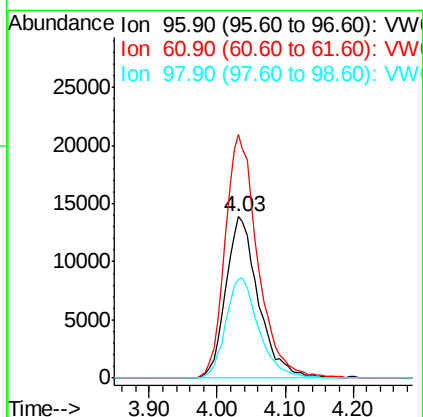
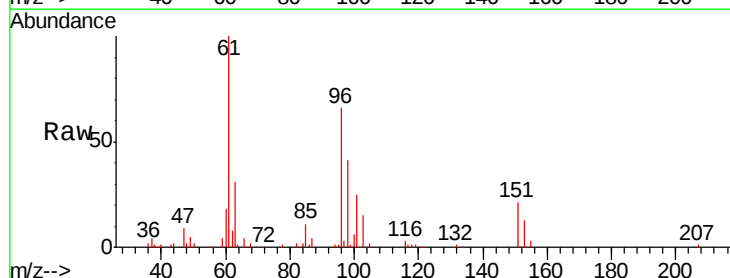
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

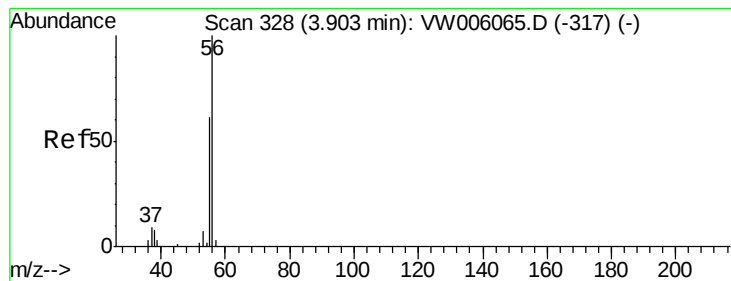
Tgt Ion: 59 Resp: 16157
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.53 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 96 Resp: 46052
Ion Ratio Lower Upper
96 100
61 150.9 129.3 193.9
98 61.2 53.1 79.7





#13

Acrolein

Concen: 100.38 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

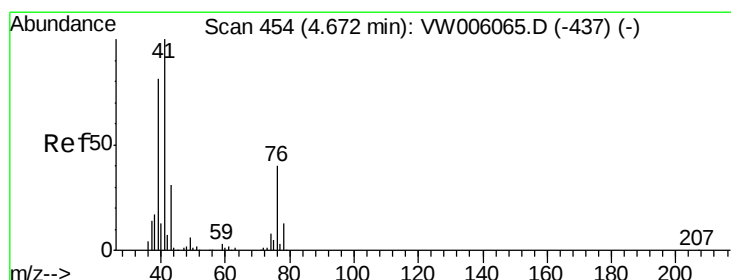
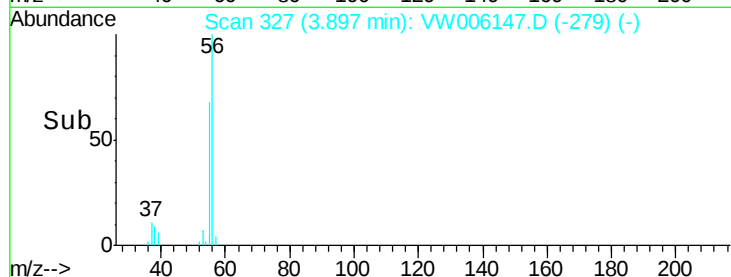
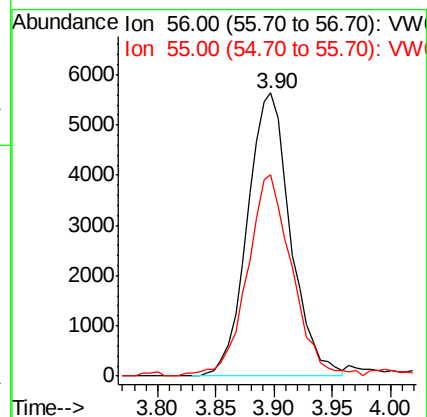
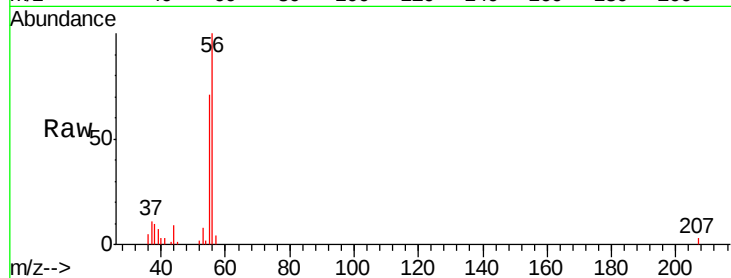
VW1017SBSD02

Tgt Ion: 56 Resp: 14542

Ion Ratio Lower Upper

56 100

55 73.2 54.5 81.7



#14

Allyl chloride

Concen: 20.05 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

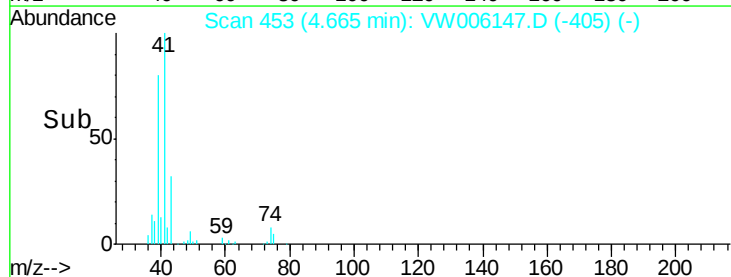
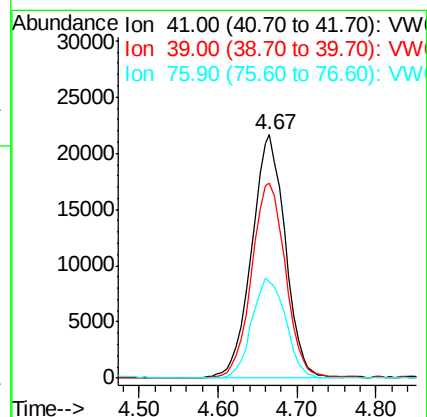
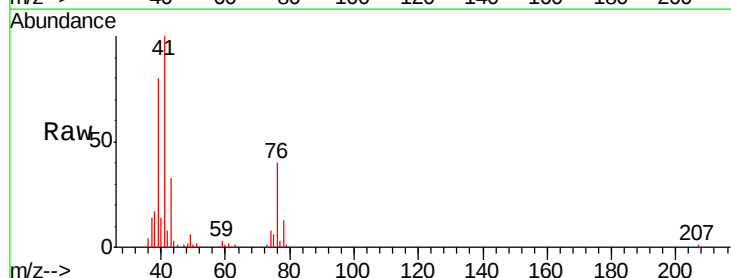
Tgt Ion: 41 Resp: 64307

Ion Ratio Lower Upper

41 100

39 80.6 64.1 96.1

76 40.8 32.2 48.4





#15

Acrylonitrile

Concen: 110.81 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

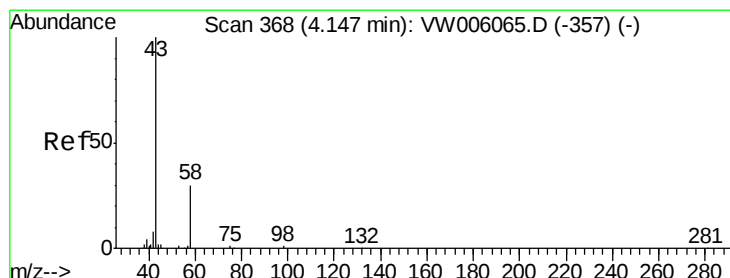
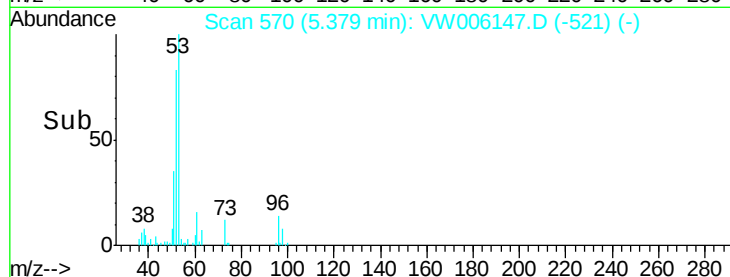
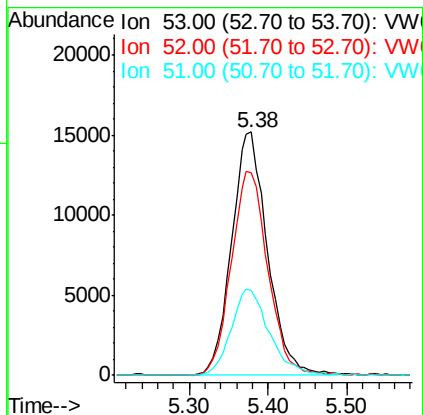
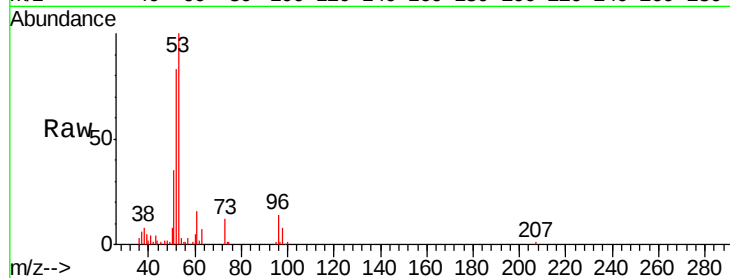
Tgt Ion: 53 Resp: 48063

Ion Ratio Lower Upper

53 100

52 85.2 66.9 100.3

51 37.8 30.1 45.1



#16

Acetone

Concen: 93.44 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006147.D

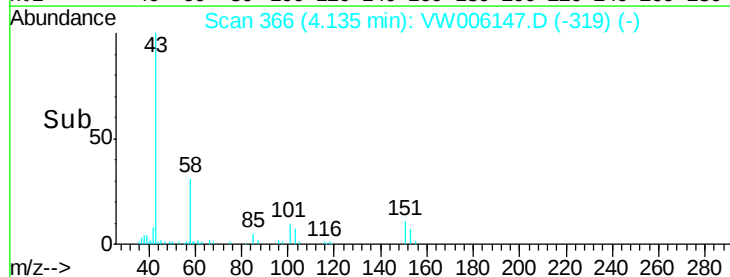
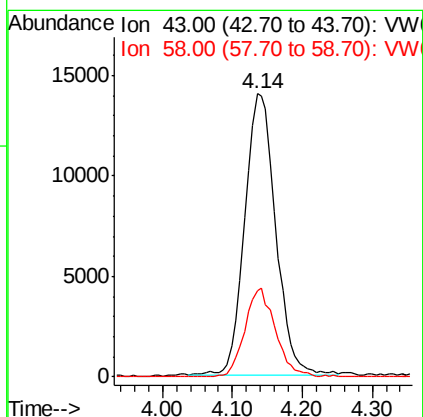
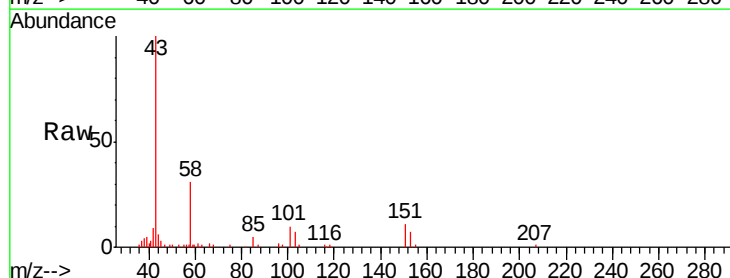
Acq: 18 Oct 2018 02:21

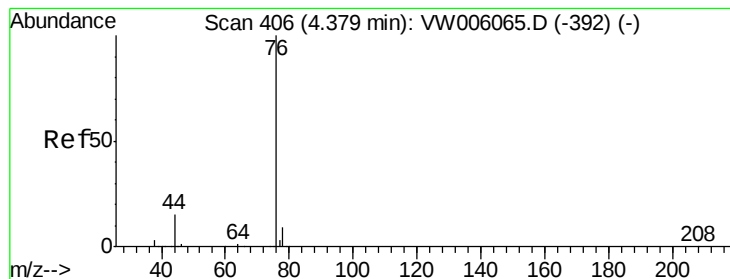
Tgt Ion: 43 Resp: 42895

Ion Ratio Lower Upper

43 100

58 30.9 24.0 36.0





#17

Carbon Disulfide

Concen: 18.09 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

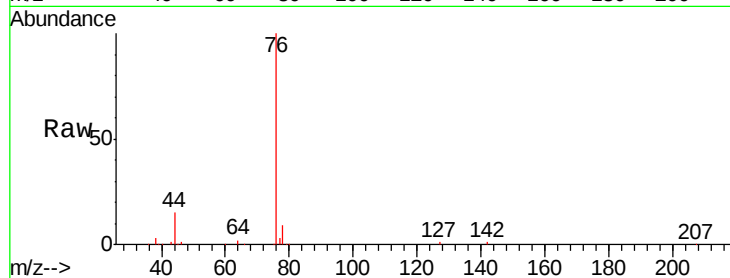
VW1017SBSD02

Tgt Ion: 76 Resp: 122457

Ion Ratio Lower Upper

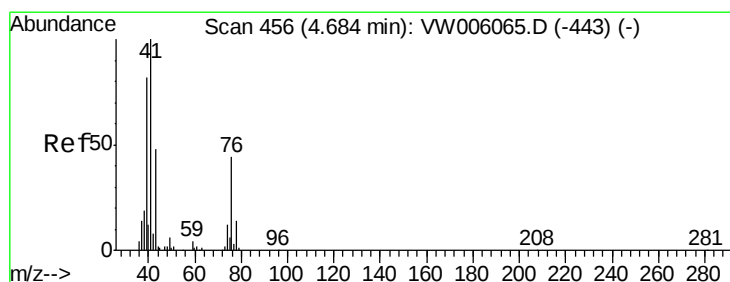
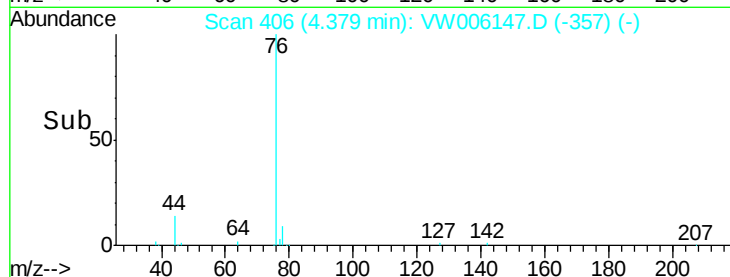
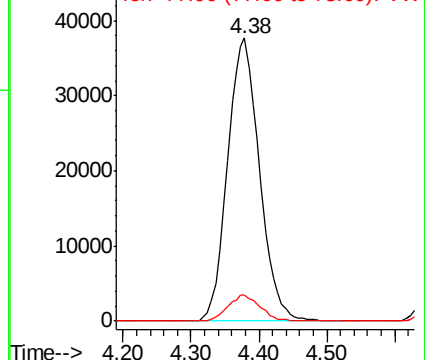
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.34 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006147.D

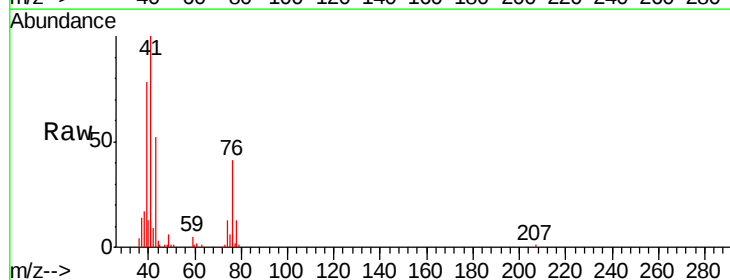
Acq: 18 Oct 2018 02:21

Tgt Ion: 43 Resp: 26147

Ion Ratio Lower Upper

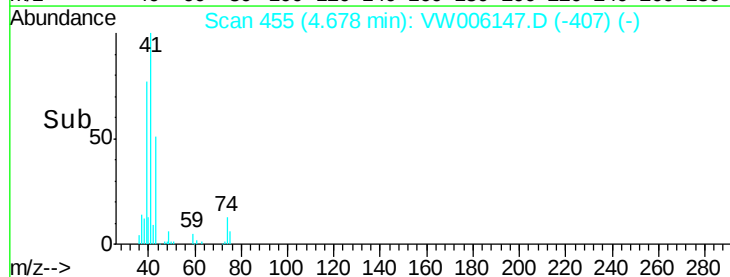
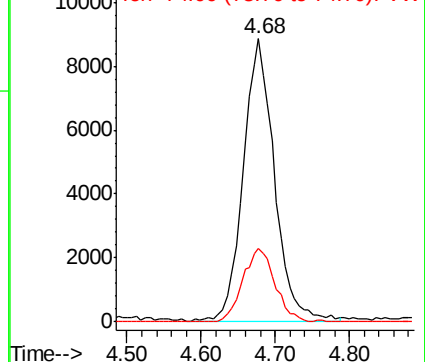
43 100

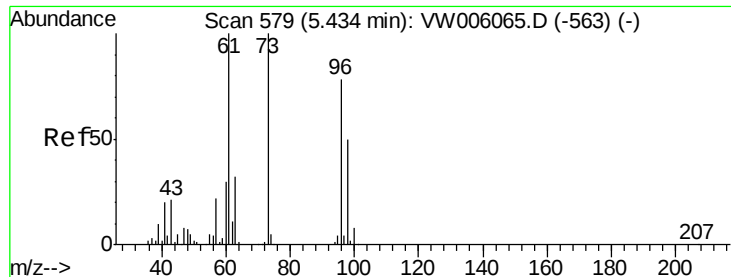
74 26.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

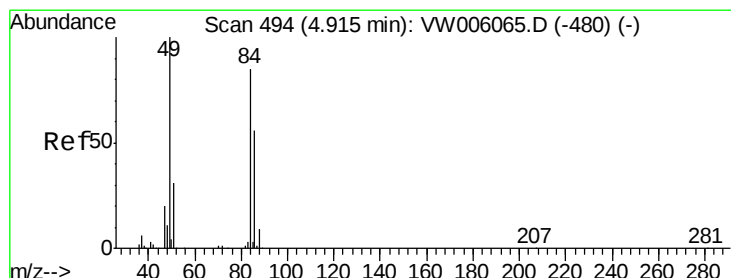
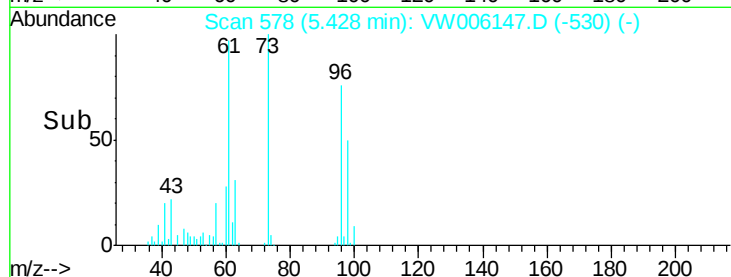
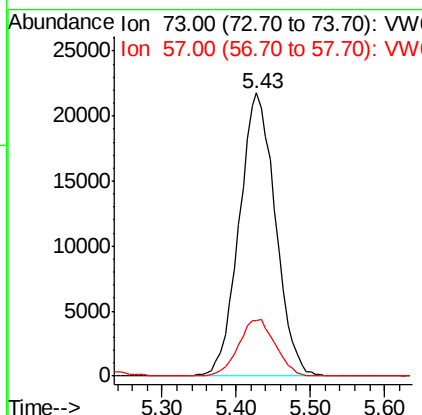
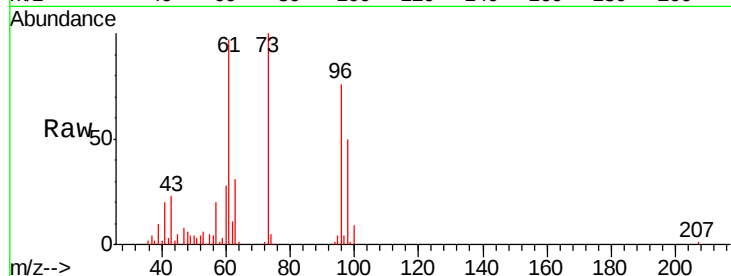




#19
Methyl tert-butyl Ether
Concen: 21.75 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

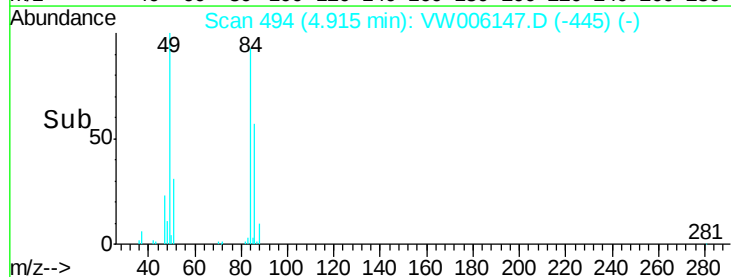
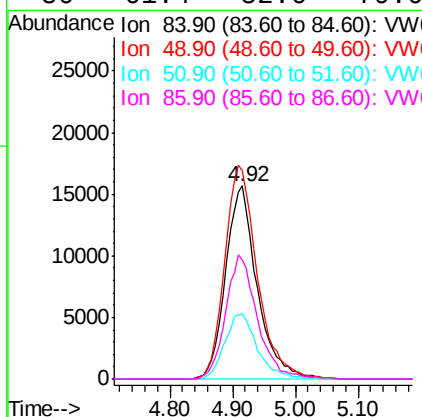
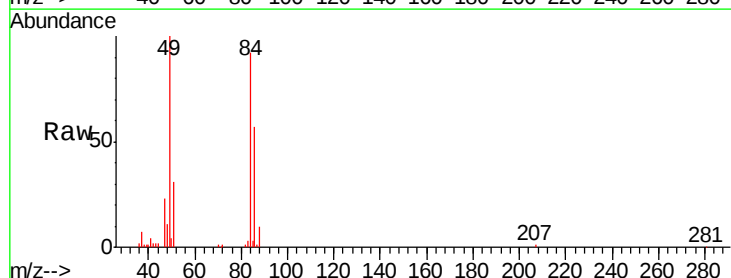
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

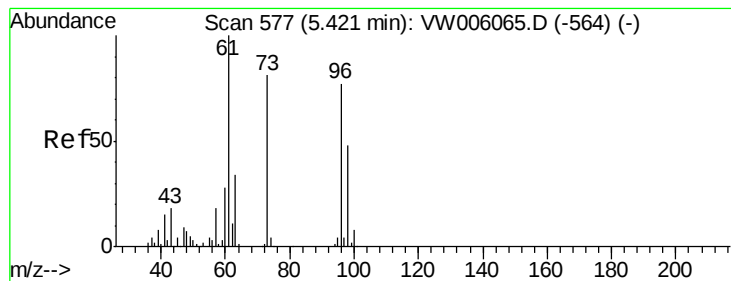
Tgt Ion: 73 Resp: 74318
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2



#20
Methylene Chloride
Concen: 22.18 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 84 Resp: 54377
Ion Ratio Lower Upper
84 100
49 108.4 93.6 140.4
51 33.7 29.0 43.4
86 61.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.92 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

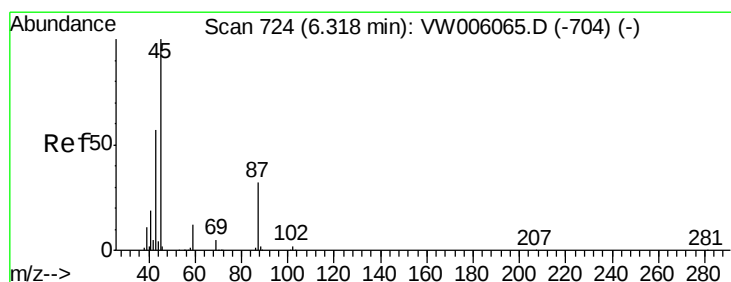
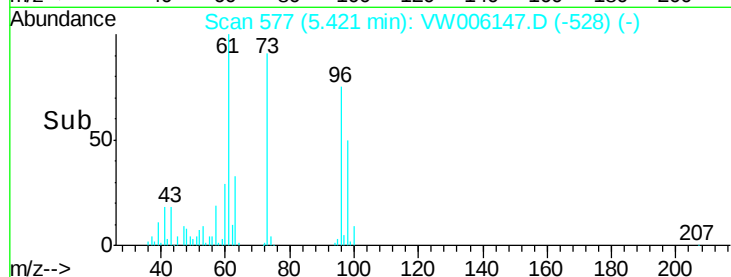
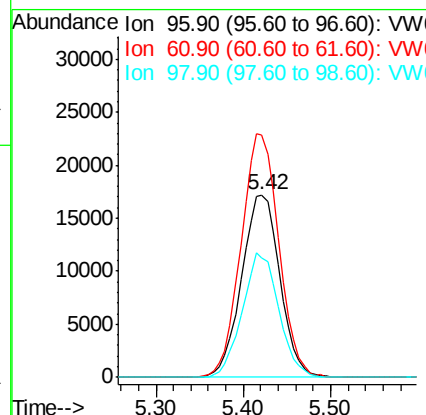
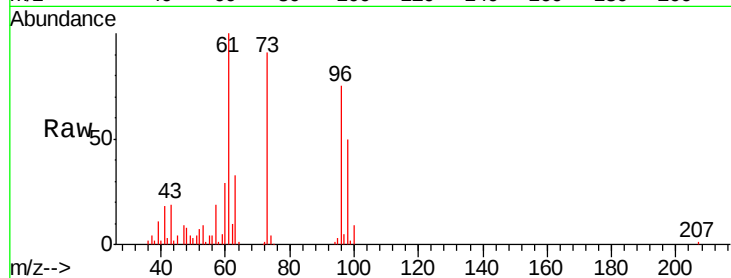
Tgt Ion: 96 Resp: 52389

Ion Ratio Lower Upper

96 100

61 132.6 104.5 156.7

98 65.7 50.6 75.8



#22

Diisopropyl ether

Concen: 21.42 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion: 45 Resp: 135798

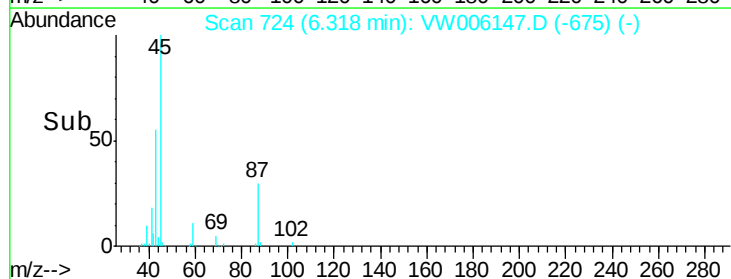
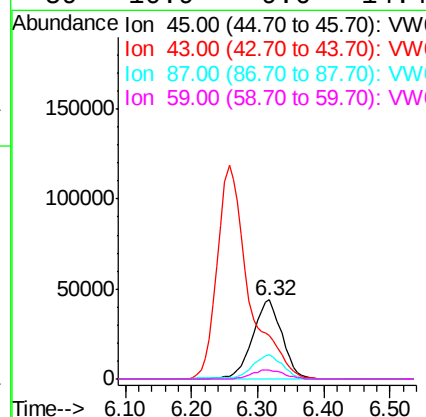
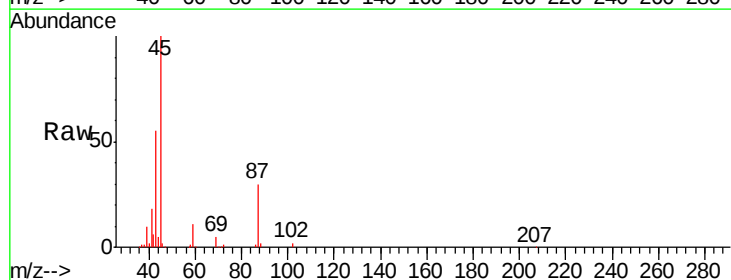
Ion Ratio Lower Upper

45 100

43 54.7 45.7 68.5

87 30.4 25.9 38.9

59 10.9 9.6 14.4





#23

Vinyl Acetate

Concen: 104.62 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

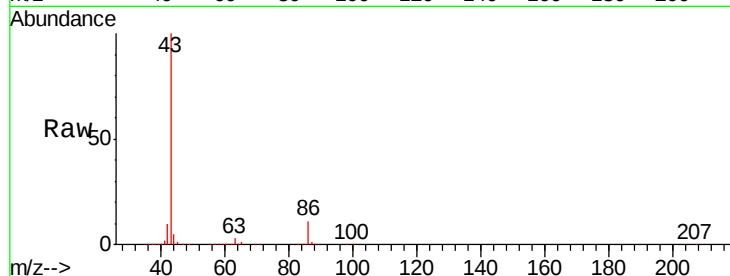
VW1017SBSD02

Tgt Ion: 43 Resp: 391384

Ion Ratio Lower Upper

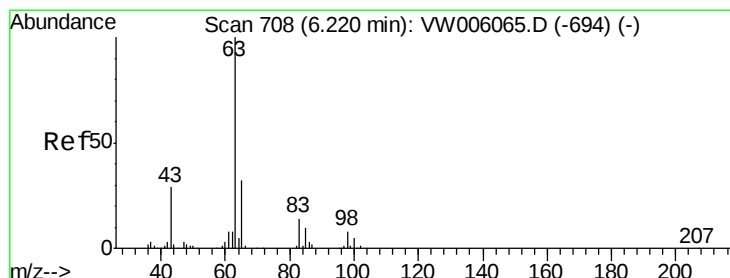
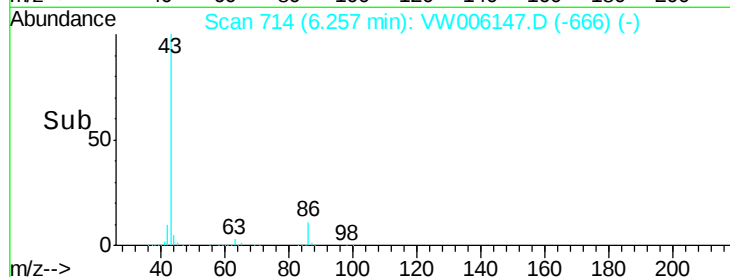
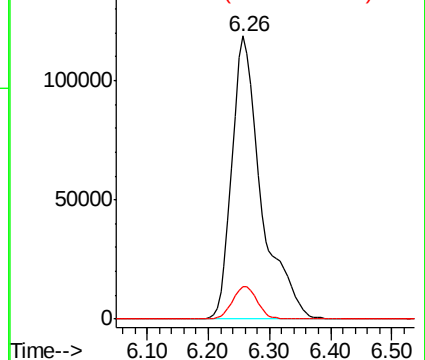
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.41 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

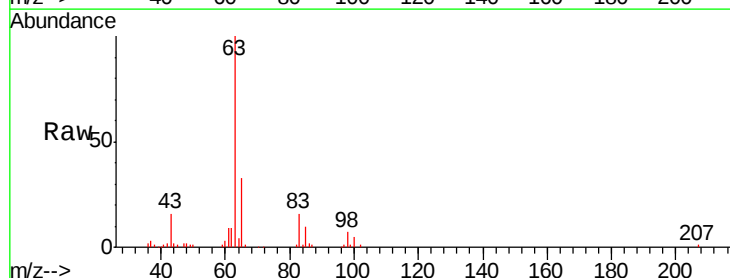
Tgt Ion: 63 Resp: 87585

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

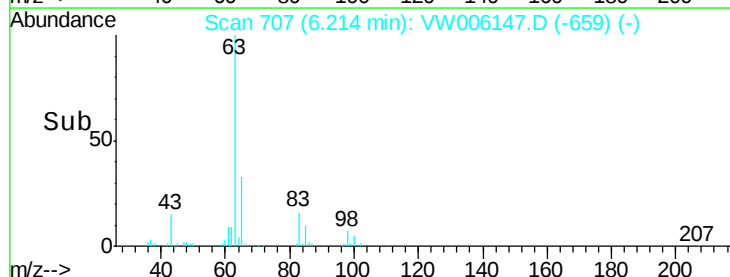
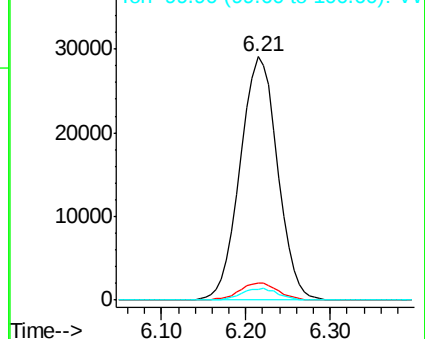
100 4.5 2.5 7.5



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: 109.68 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

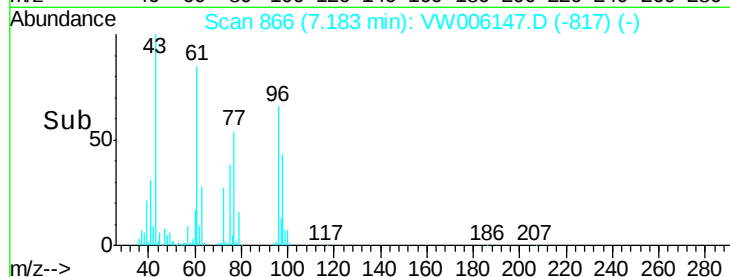
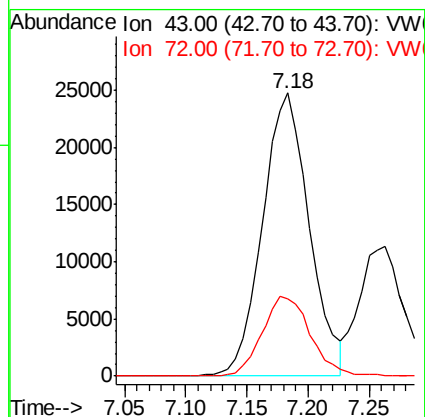
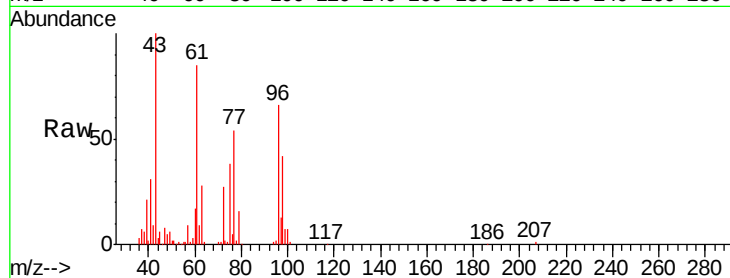
VW1017SBSD02

Tgt Ion: 43 Resp: 65959

Ion Ratio Lower Upper

43 100

72 27.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 18.49 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006147.D

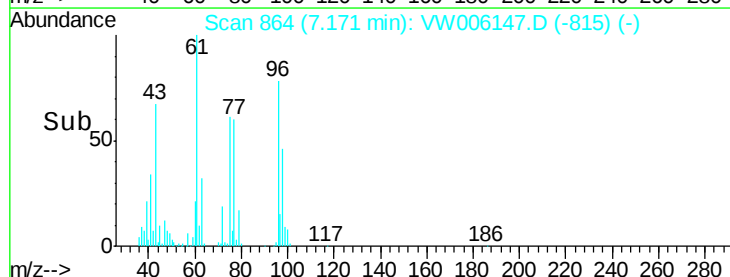
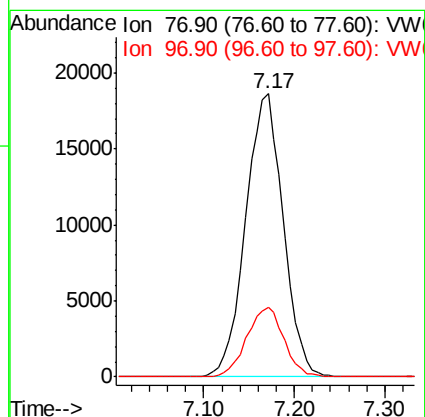
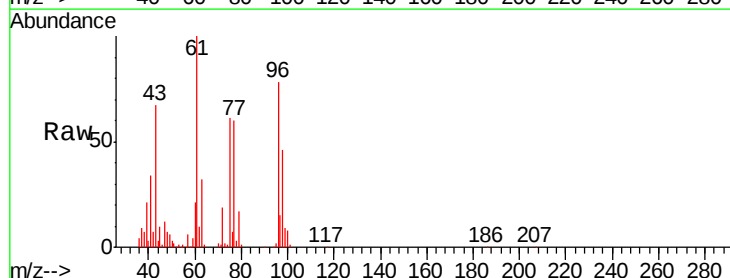
Acq: 18 Oct 2018 02:21

Tgt Ion: 77 Resp: 53342

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 21.68 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

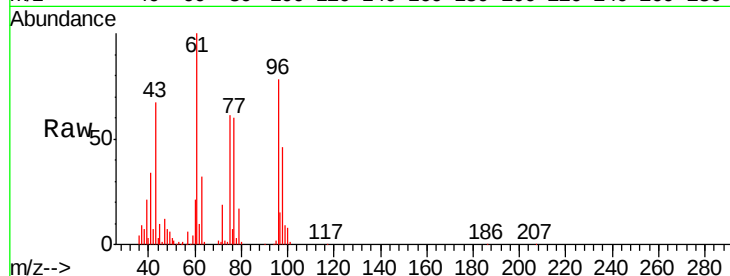
Tgt Ion: 96 Resp: 59907

Ion Ratio Lower Upper

96 100

61 135.0 0.0 267.2

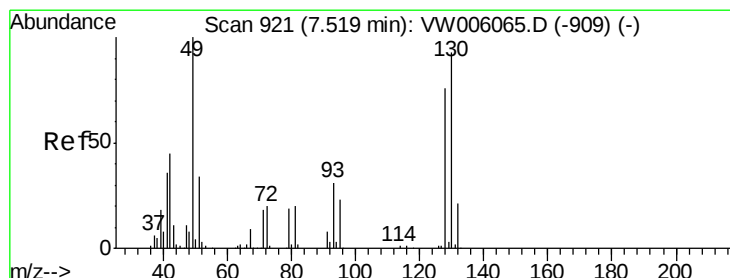
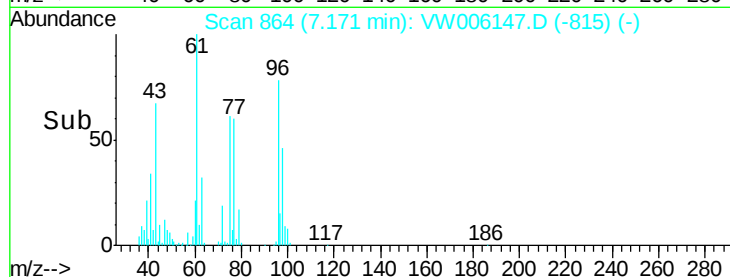
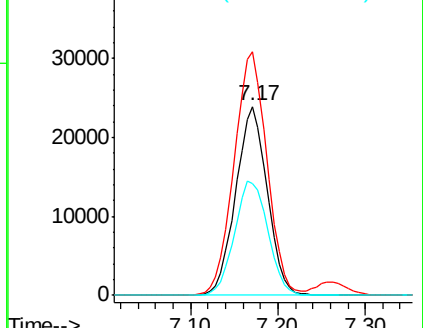
98 64.1 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 18.73 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

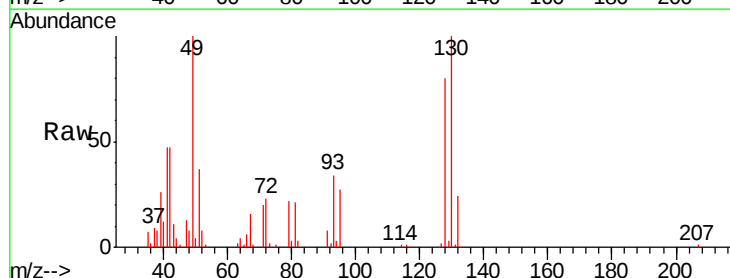
Tgt Ion: 49 Resp: 29579

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

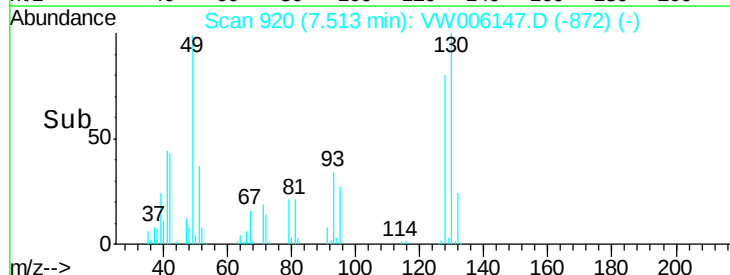
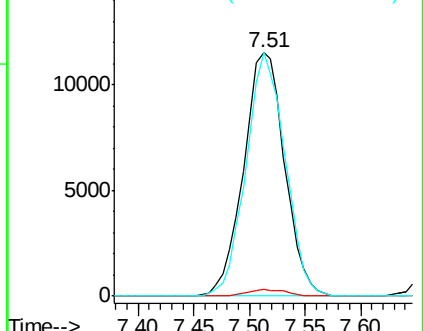
130 95.2 73.8 110.8

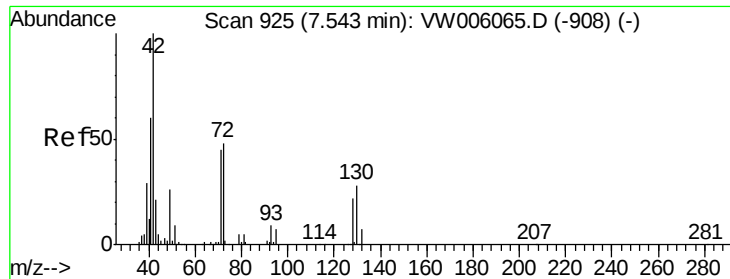


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 111.64 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

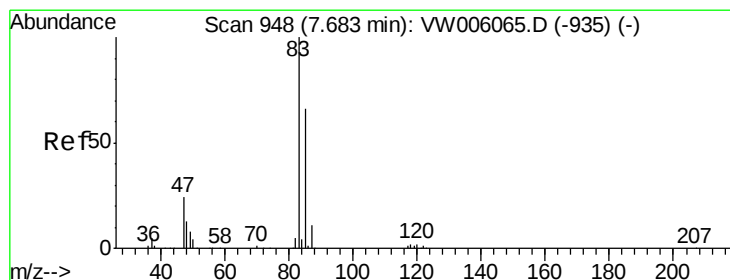
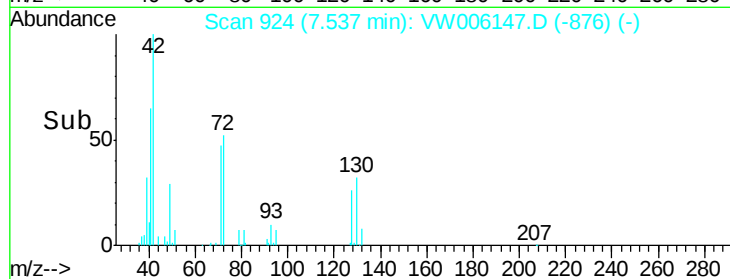
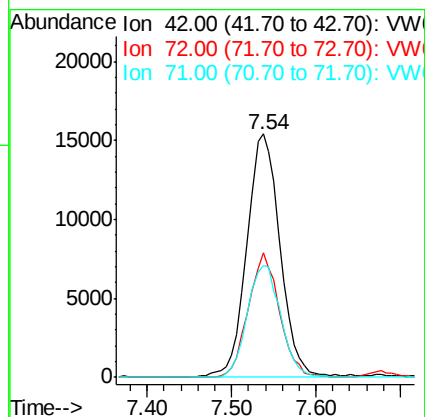
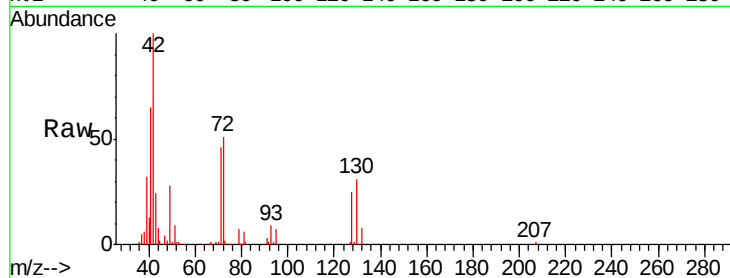
Tgt Ion: 42 Resp: 41267

Ion Ratio Lower Upper

42 100

72 48.0 38.0 57.0

71 46.1 35.3 52.9



#30

Chloroform

Concen: 21.74 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006147.D

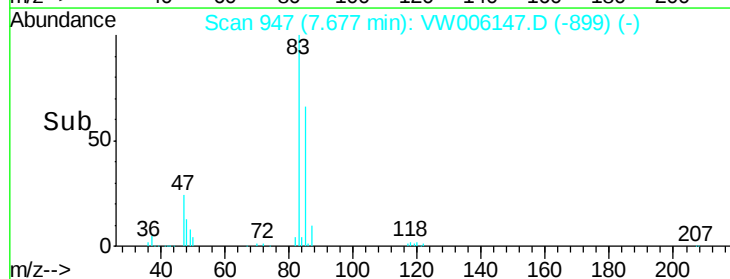
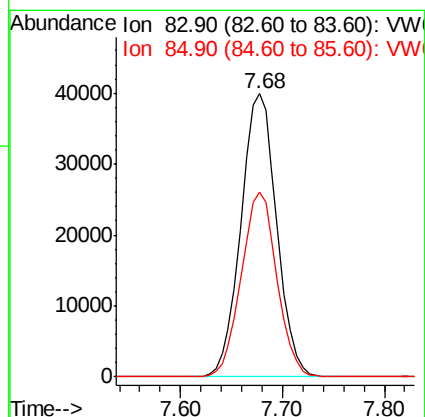
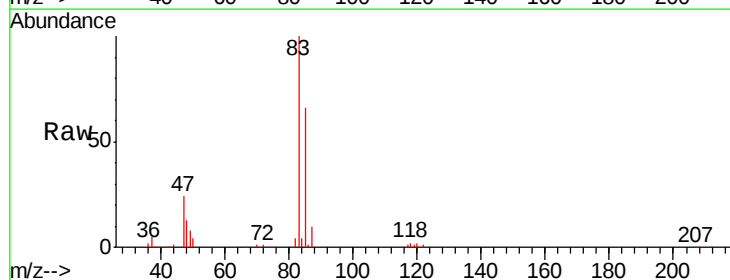
Acq: 18 Oct 2018 02:21

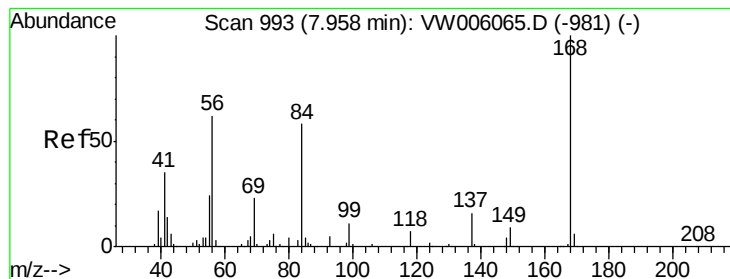
Tgt Ion: 83 Resp: 96867

Ion Ratio Lower Upper

83 100

85 65.5 52.6 79.0





#31

Cyclohexane

Concen: 19.31 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

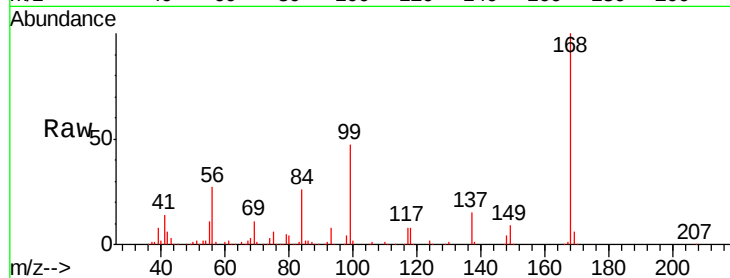
Tgt Ion: 56 Resp: 78658

Ion Ratio Lower Upper

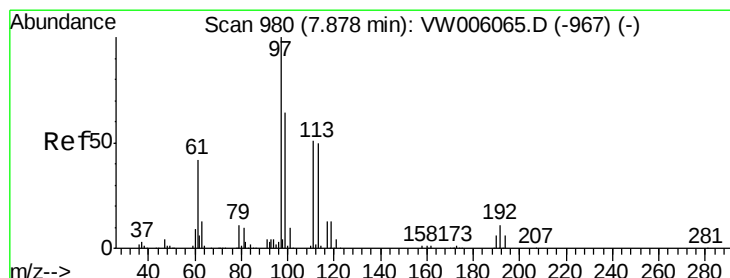
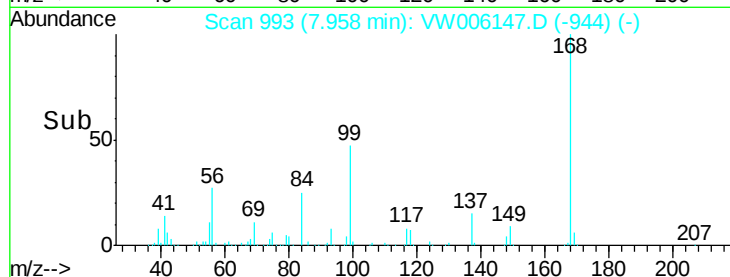
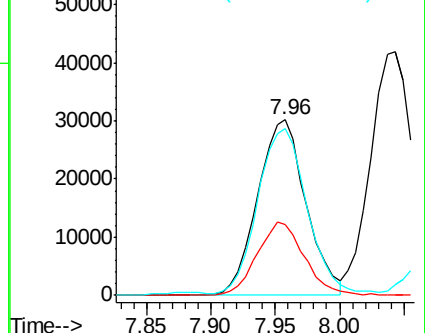
56 100

69 40.2 29.4 44.0

84 93.9 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 20.12 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

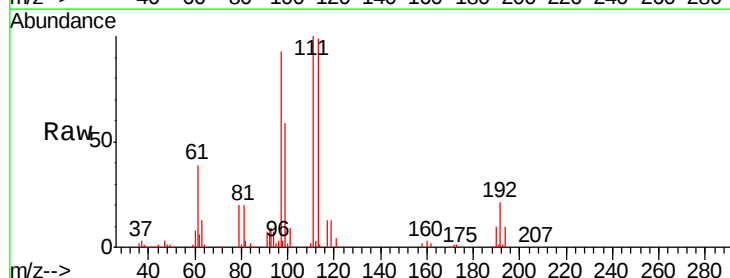
Tgt Ion: 97 Resp: 80889

Ion Ratio Lower Upper

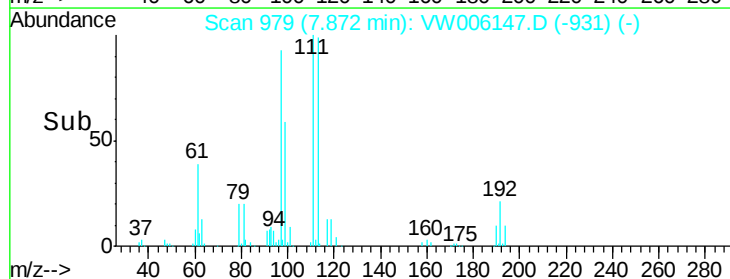
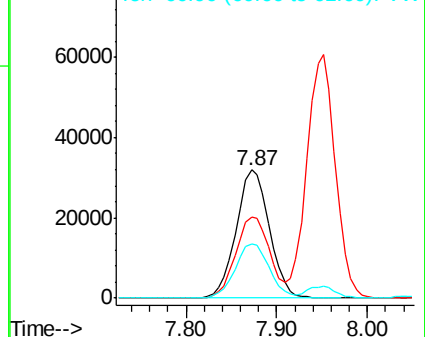
97 100

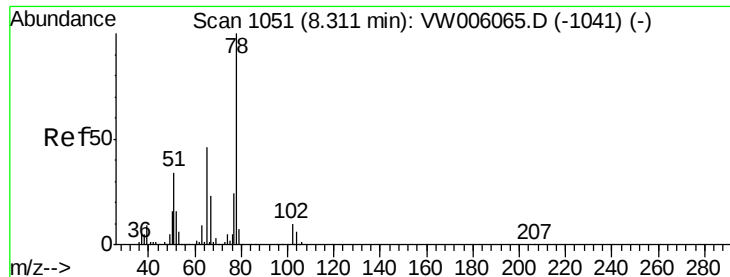
99 64.8 50.9 76.3

61 43.6 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

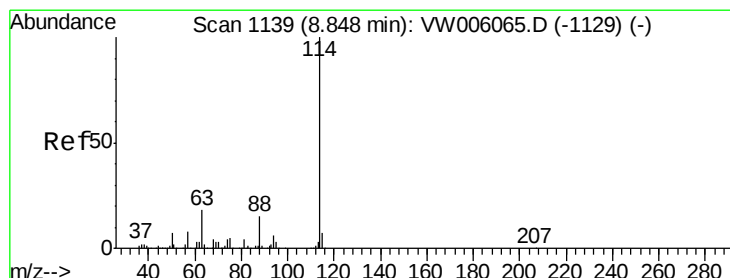
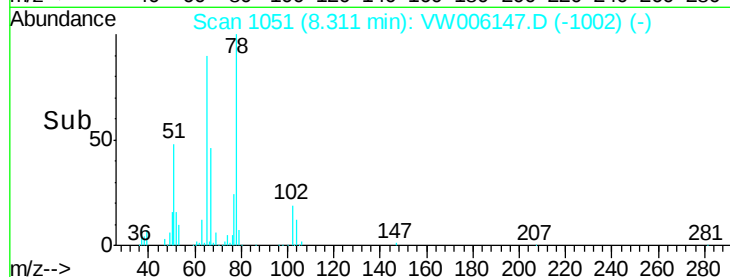
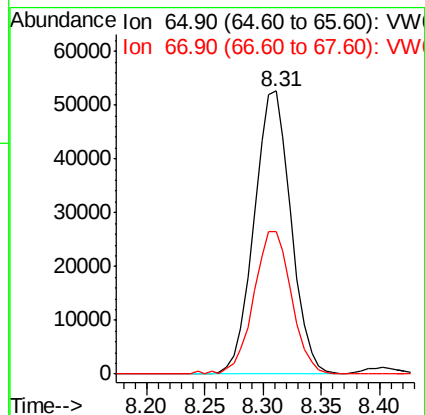
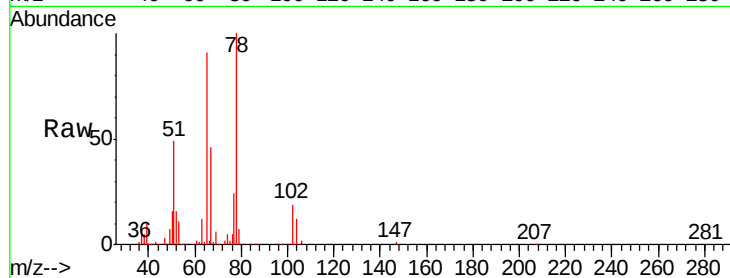
VW1017SBSD02

Tgt Ion: 65 Resp: 115957

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

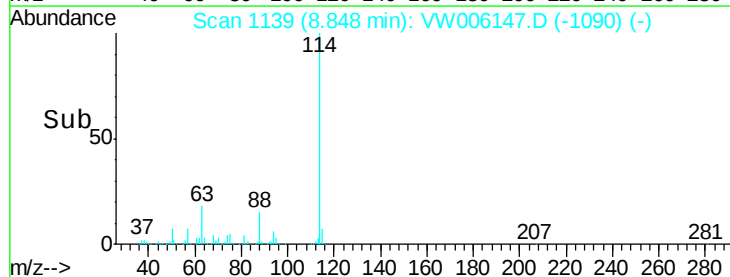
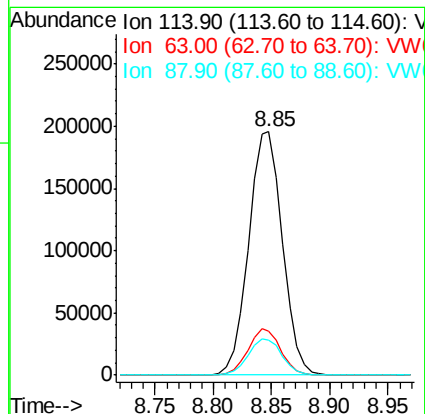
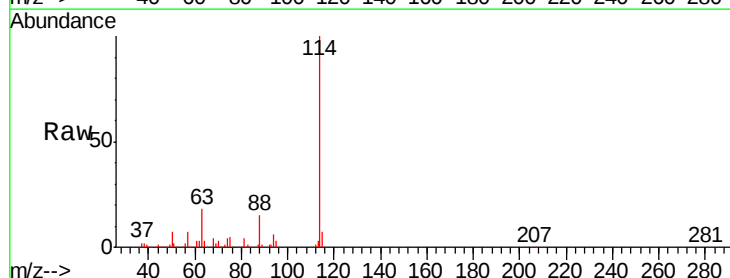
Tgt Ion: 114 Resp: 394829

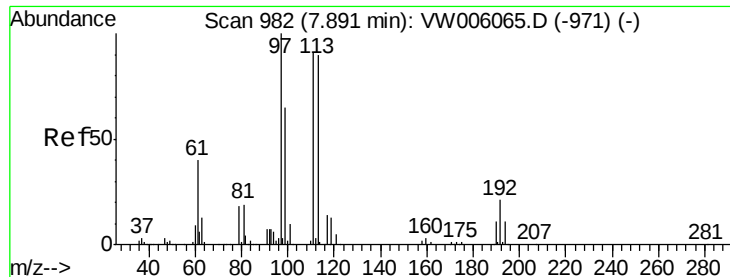
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.6 0.0 29.0

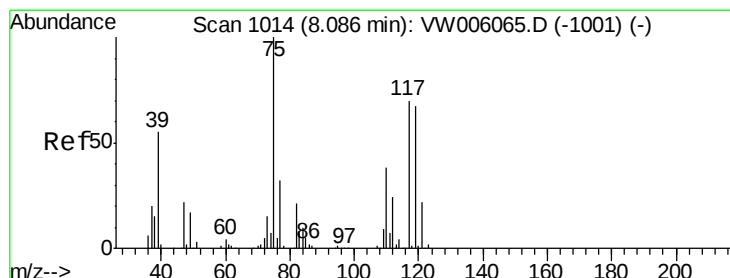
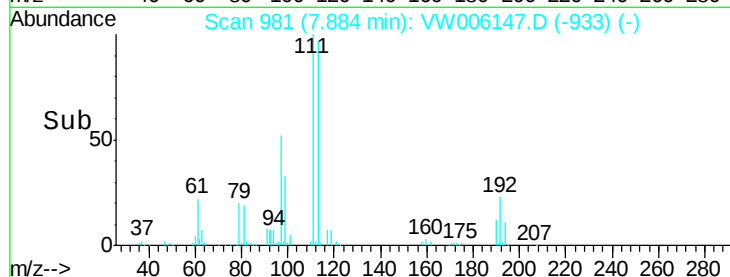
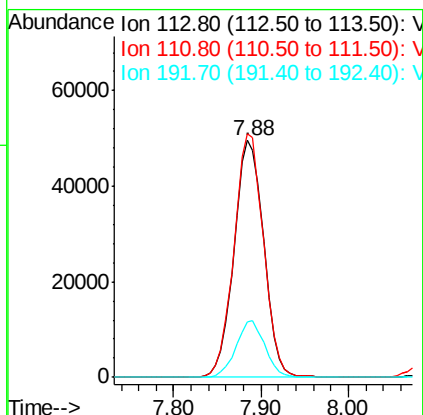
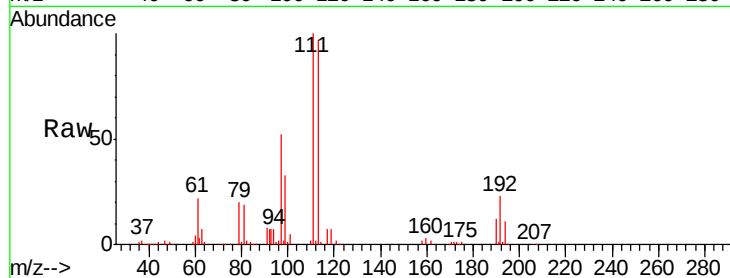




#35
Dibromofluoromethane
Concen: 50.19 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

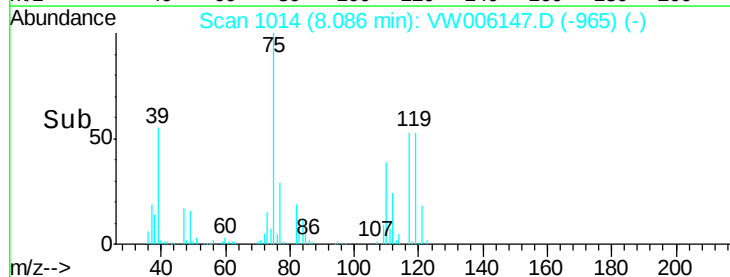
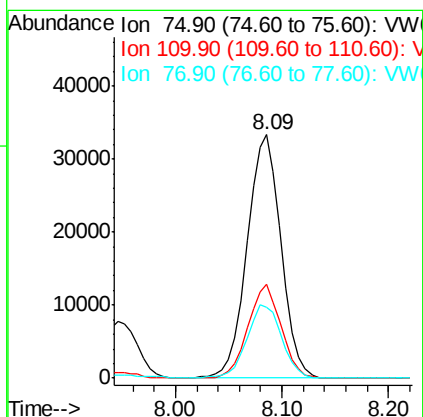
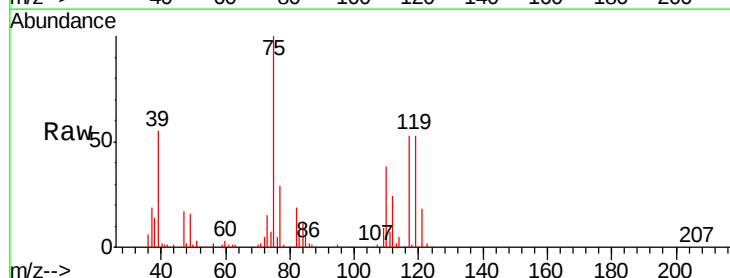
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

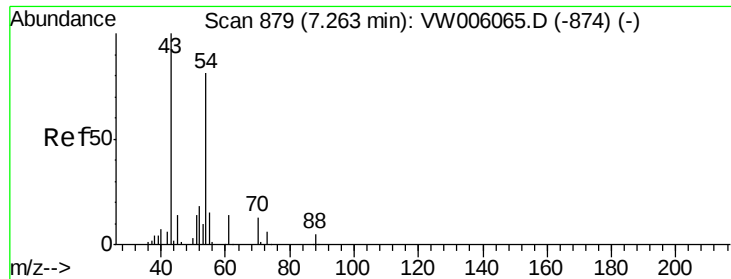
Tgt Ion:113 Resp: 117087
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.0 18.7 28.1



#36
1,1-Dichloropropene
Concen: 20.48 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 75 Resp: 74538
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.1
77 31.1 25.0 37.4

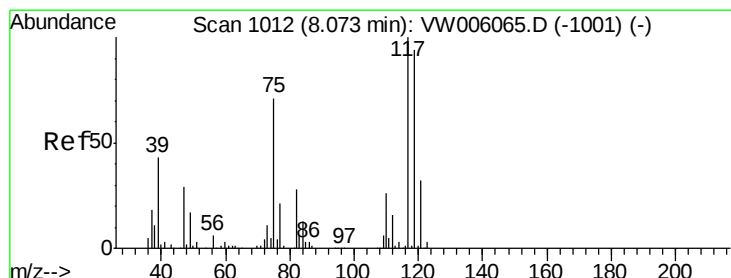
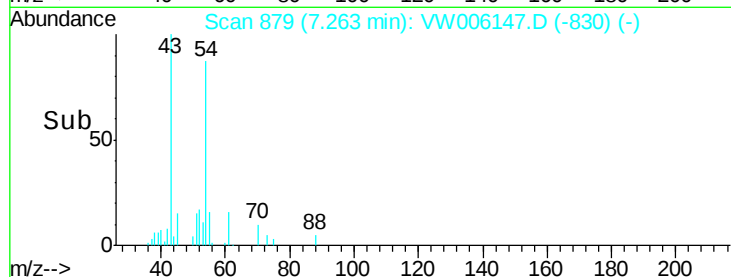
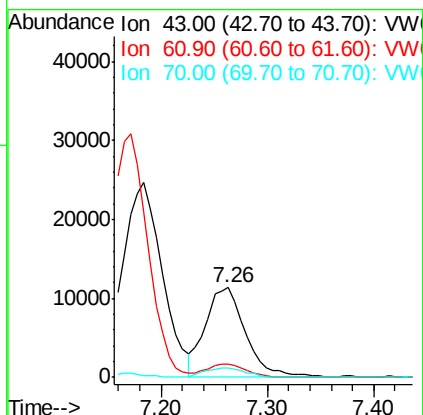
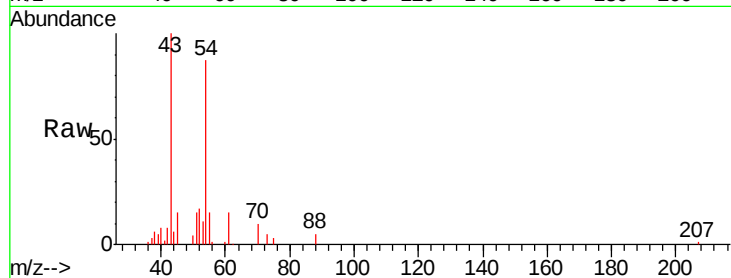




#37
 Ethyl Acetate
 Concen: 21.57 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

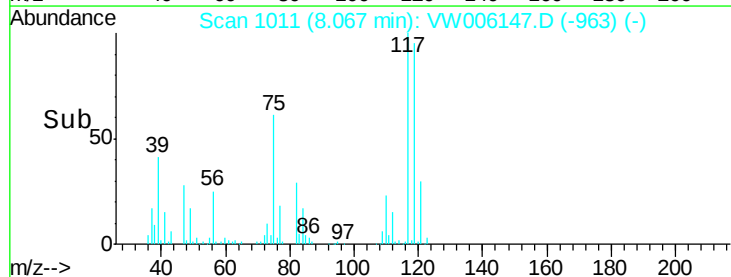
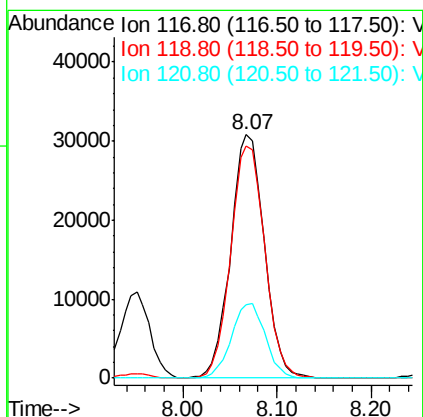
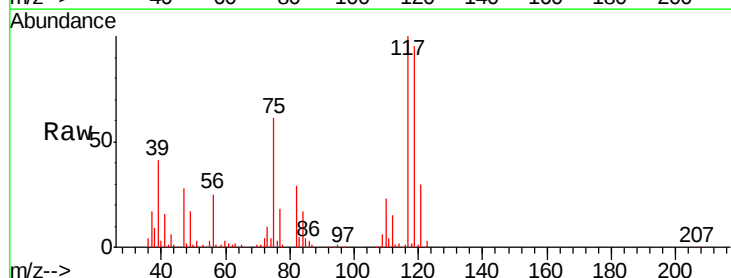
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

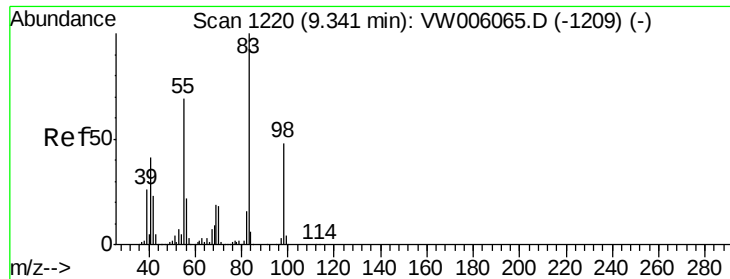
Tgt Ion: 43 Resp: 29168
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.5 17.3
 70 10.9 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 19.21 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 117 Resp: 76635
 Ion Ratio Lower Upper
 117 100
 119 95.5 75.2 112.8
 121 30.1 25.3 37.9

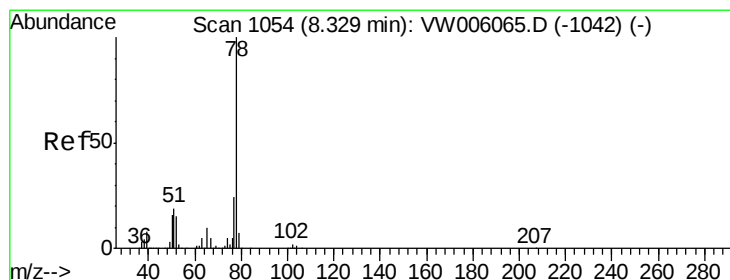
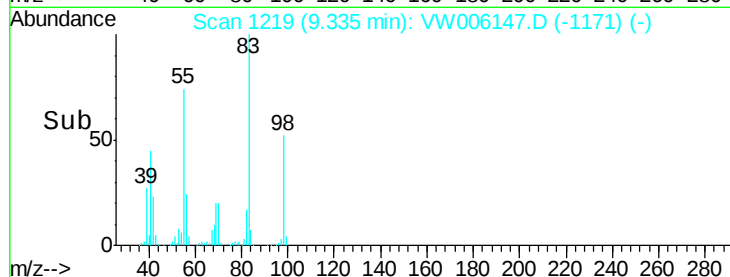
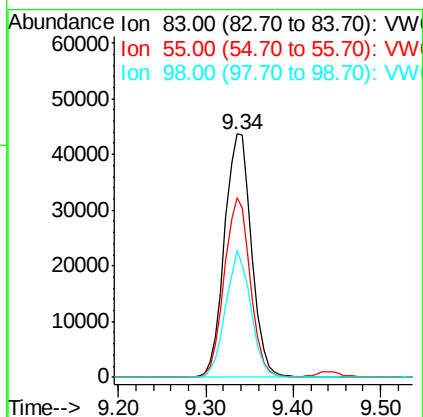
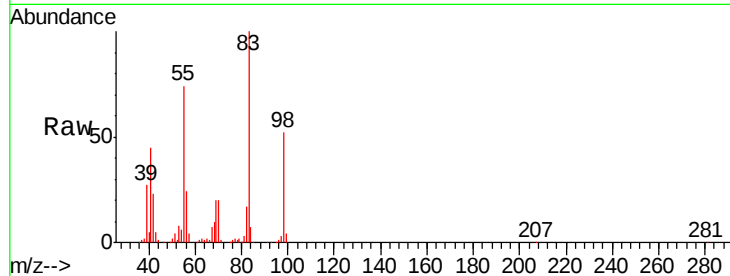




#39
Methylcyclohexane
Concen: 19.37 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

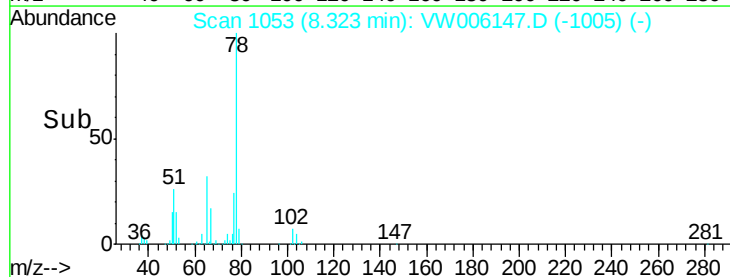
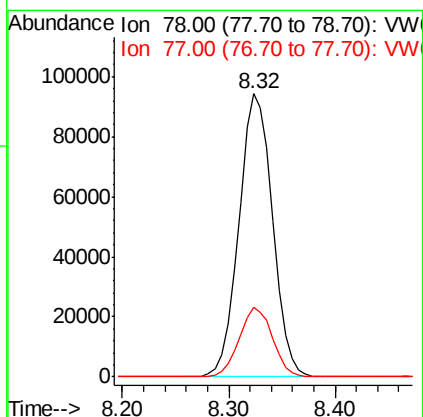
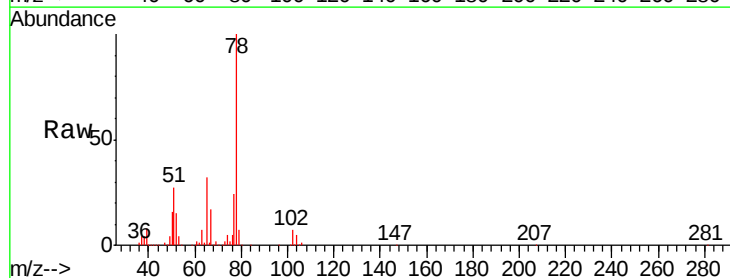
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

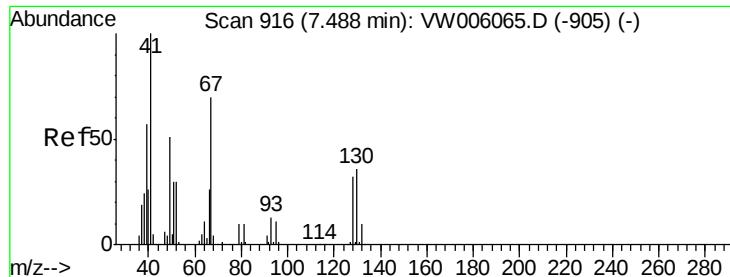
Tgt Ion: 83 Resp: 93700
Ion Ratio Lower Upper
83 100
55 73.7 55.0 82.6
98 52.2 38.6 57.8



#40
Benzene
Concen: 20.91 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 78 Resp: 208743
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0





#41

Methacrylonitrile

Concen: 20.42 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tgt Ion: 41 Resp: 16646

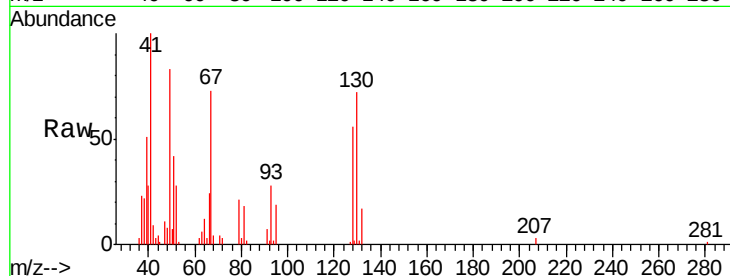
Ion Ratio Lower Upper

41 100

39 59.1 46.2 69.4

67 80.2 57.7 86.5

52 33.8 24.7 37.1

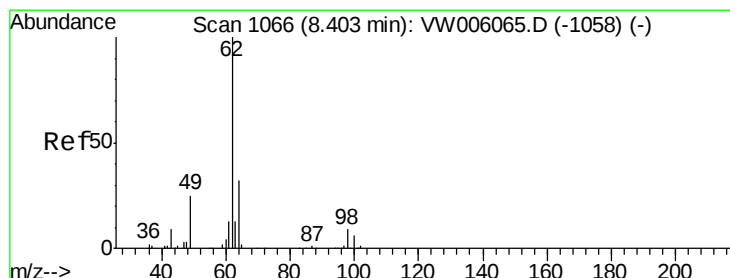
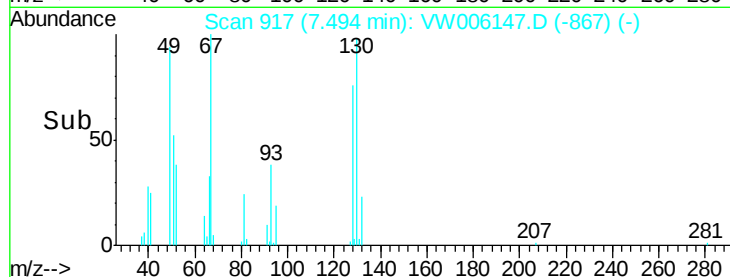
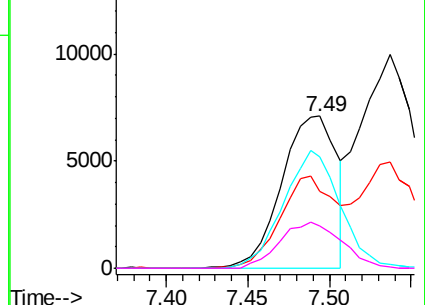


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 21.87 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006147.D

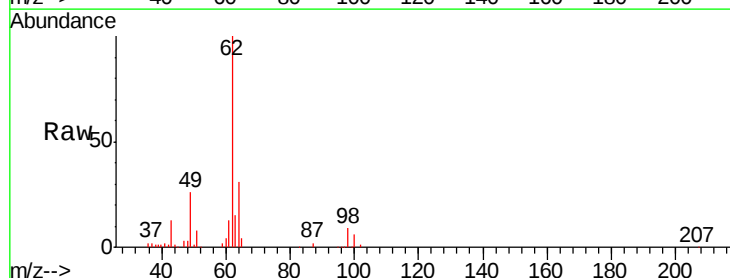
Acq: 18 Oct 2018 02:21

Tgt Ion: 62 Resp: 64151

Ion Ratio Lower Upper

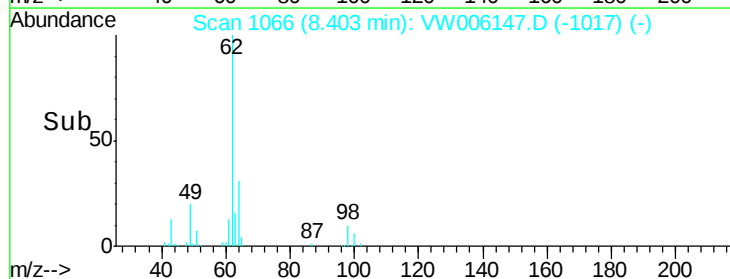
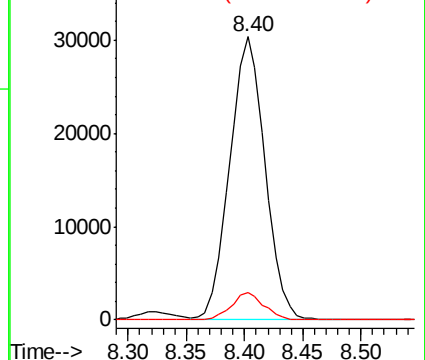
62 100

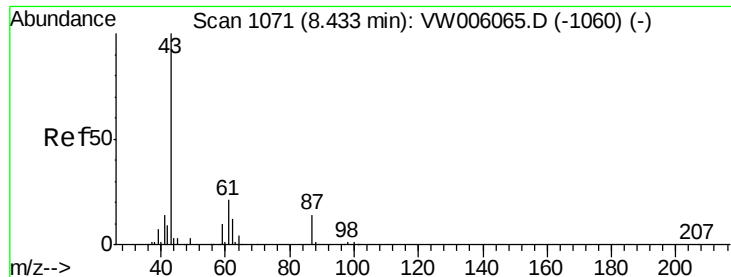
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.16 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

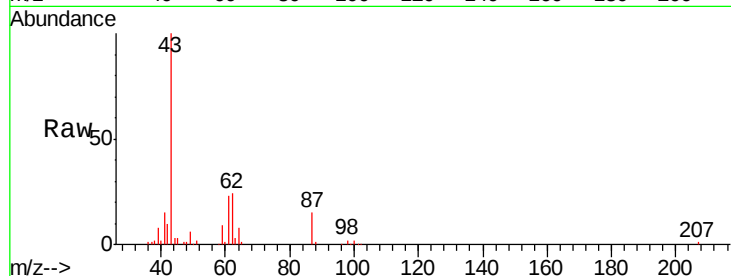
Tgt Ion: 43 Resp: 58508

Ion Ratio Lower Upper

43 100

61 31.5 25.5 38.3

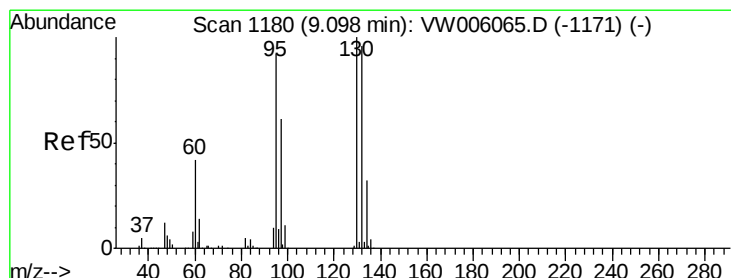
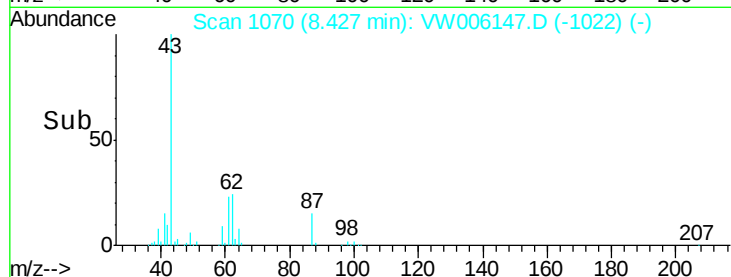
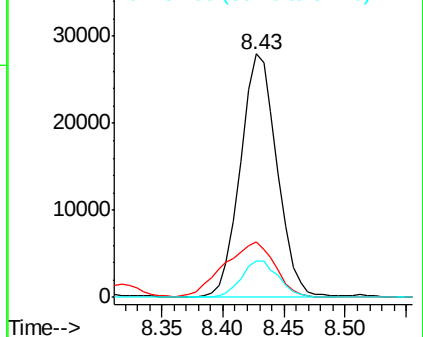
87 15.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.80 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006147.D

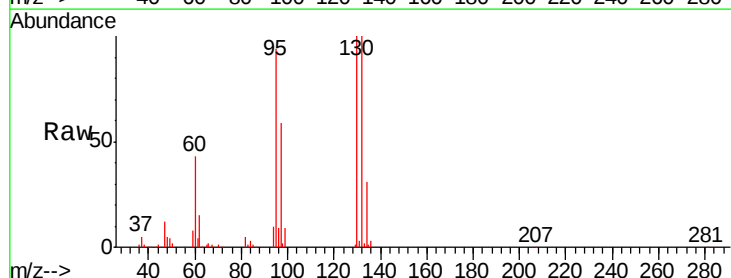
Acq: 18 Oct 2018 02:21

Tgt Ion: 130 Resp: 63702

Ion Ratio Lower Upper

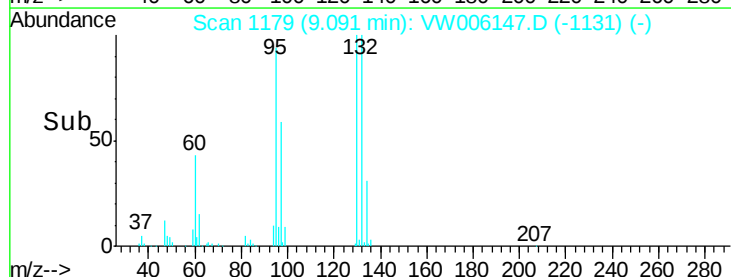
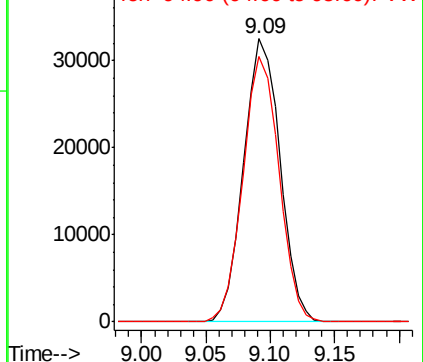
130 100

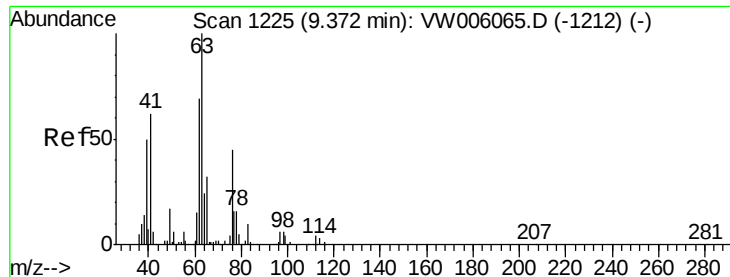
95 93.8 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

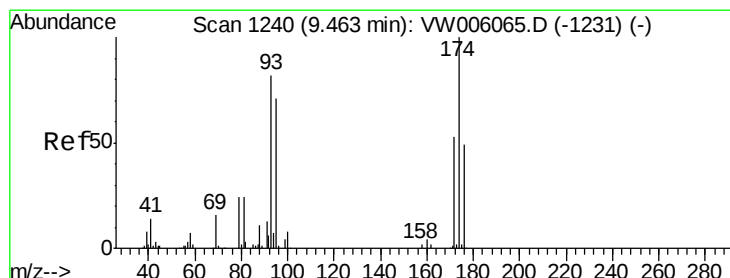
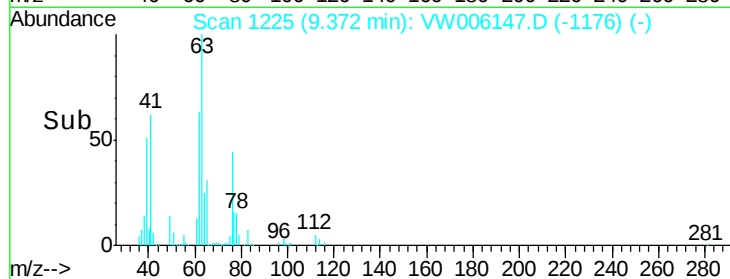
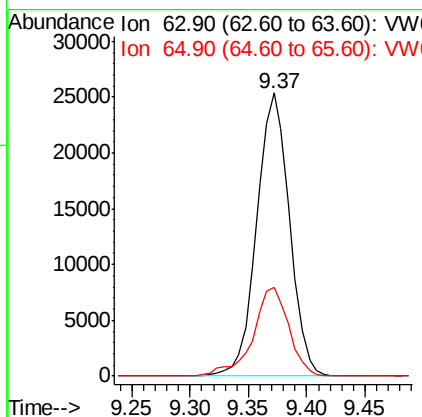
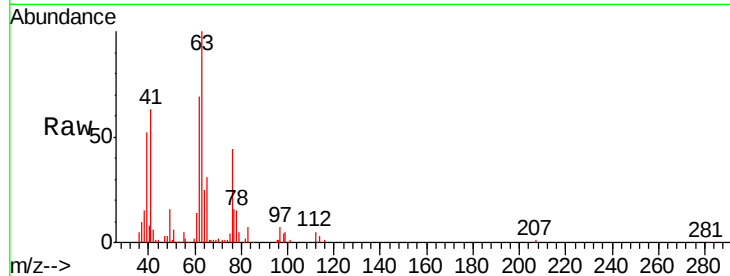




#45
 1,2-Dichloropropane
 Concen: 20.81 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

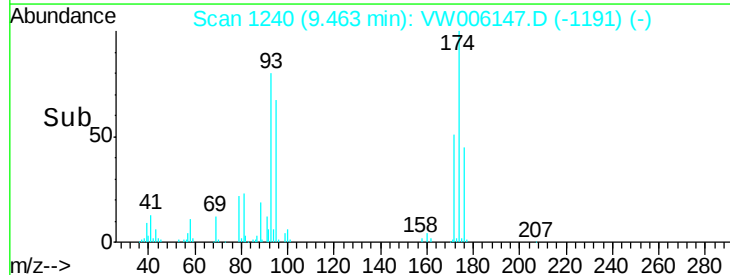
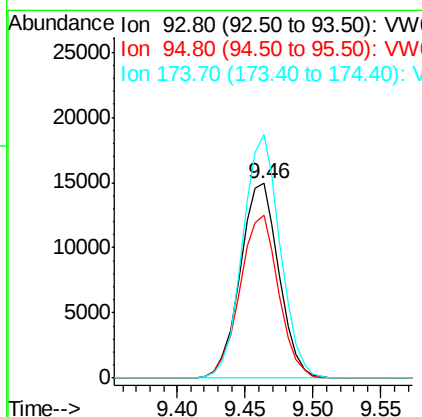
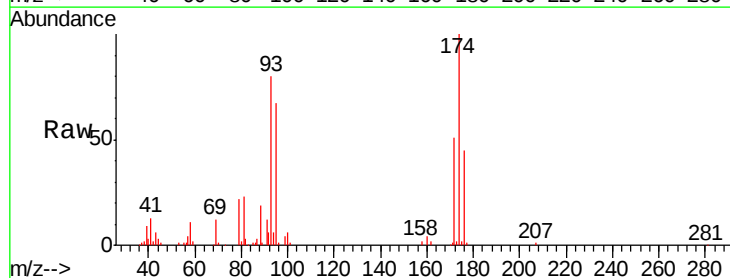
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

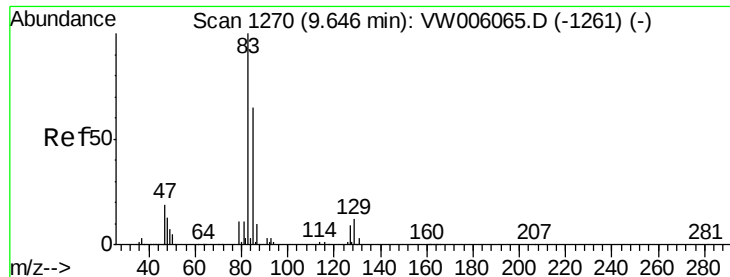
Tgt Ion: 63 Resp: 49710
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.4 38.0



#46
 Dibromomethane
 Concen: 21.82 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 93 Resp: 29707
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.7 101.5
 174 120.9 93.7 140.5





#47

Bromodichloromethane

Concen: 20.11 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

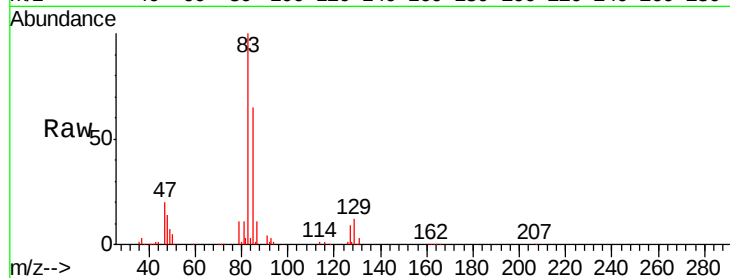
Tgt Ion: 83 Resp: 66377

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.8

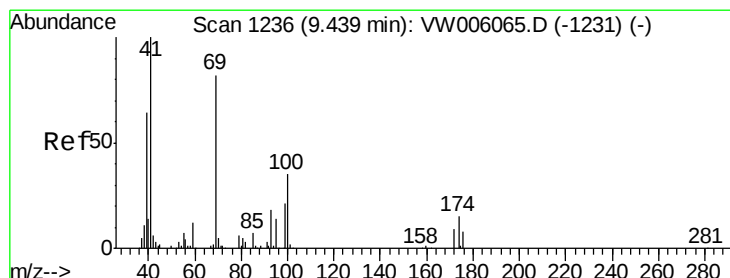
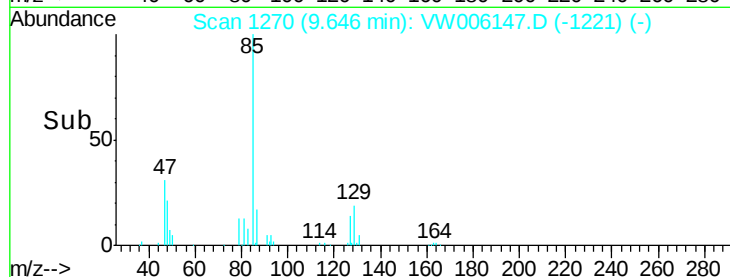
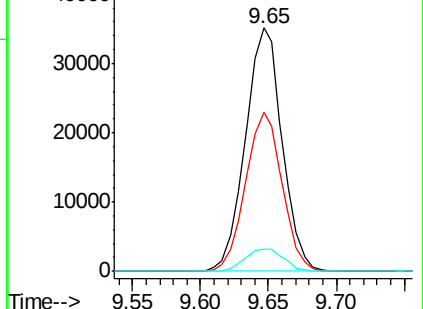
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.11 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

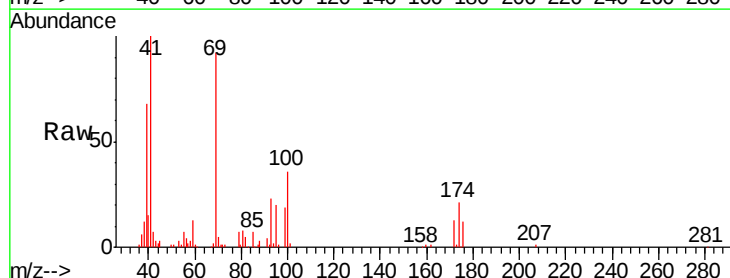
Tgt Ion: 41 Resp: 27670

Ion Ratio Lower Upper

41 100

69 95.0 71.8 107.8

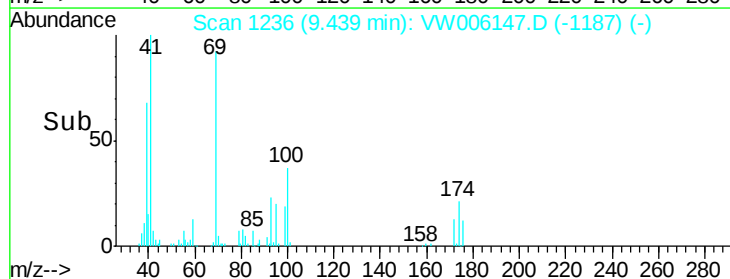
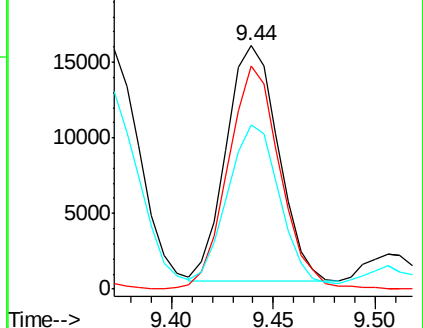
39 66.2 52.5 78.7

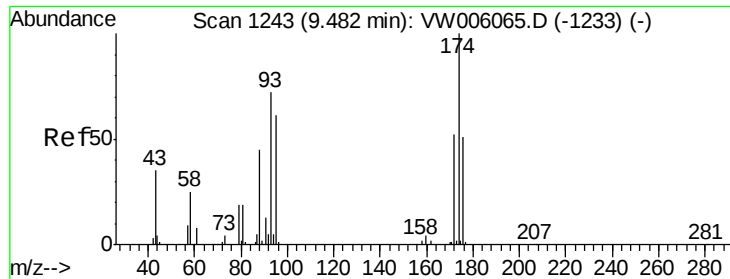


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

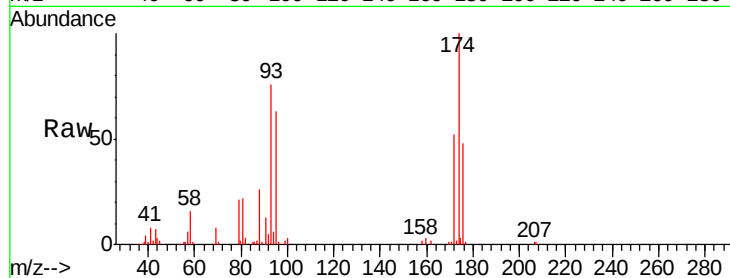




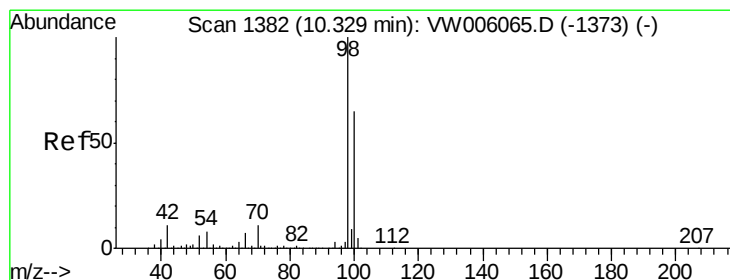
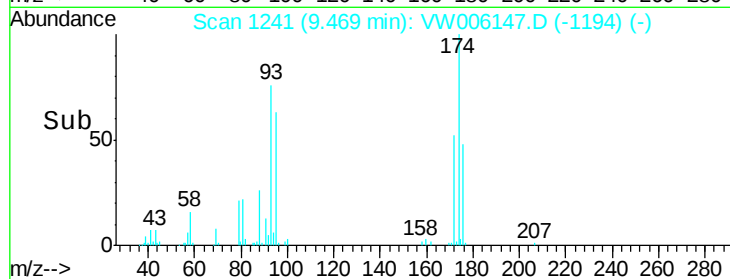
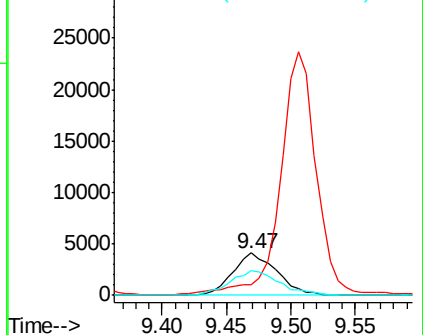
#49
1,4-Dioxane
Concen: 464.37 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tgt Ion: 88 Resp: 9733
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.5 51.2 76.8

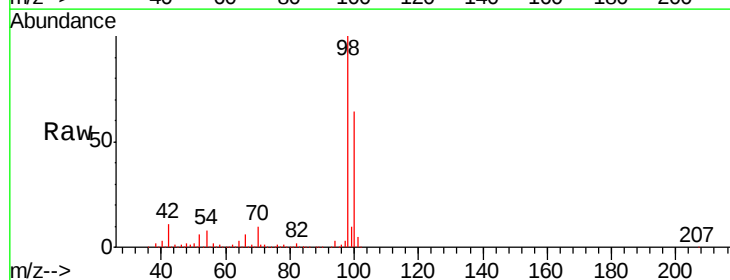


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

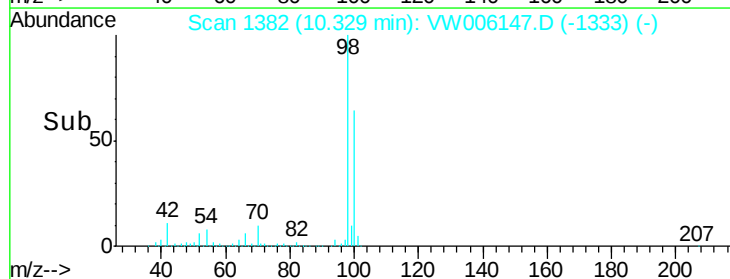
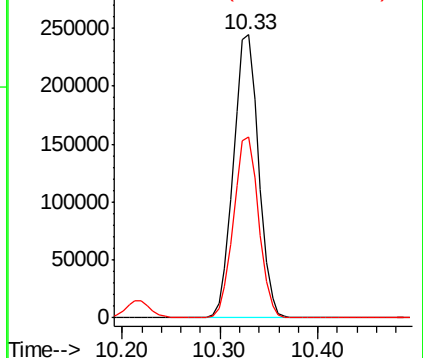


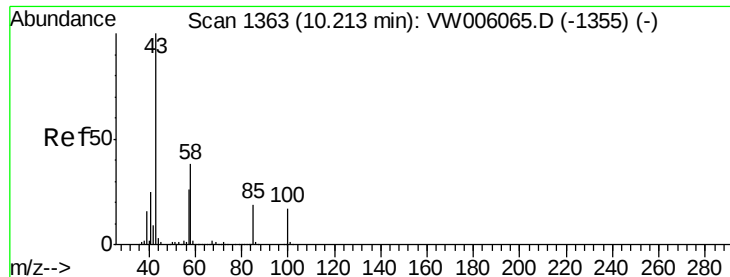
#50
Toluene-d8
Concen: 49.26 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 98 Resp: 437250
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

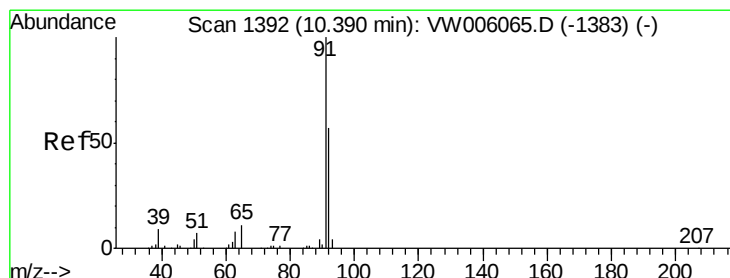
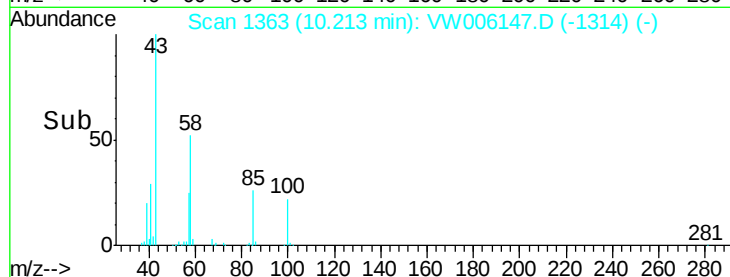
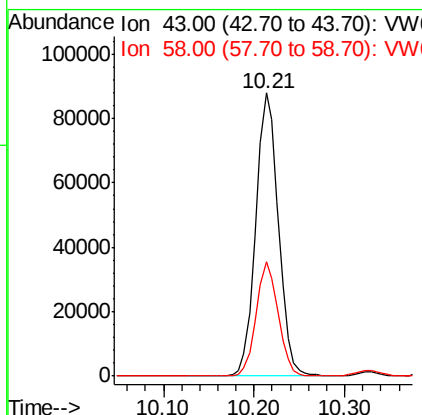
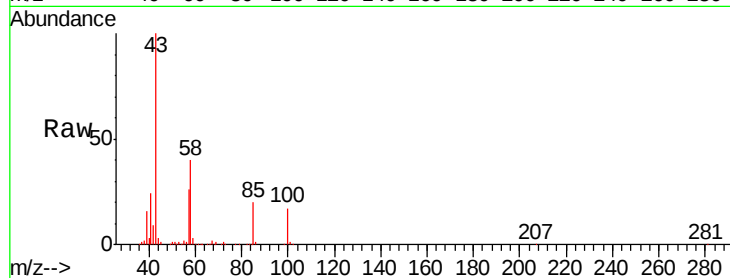




#51
 4-Methyl-2-Pentanone
 Concen: 109.56 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

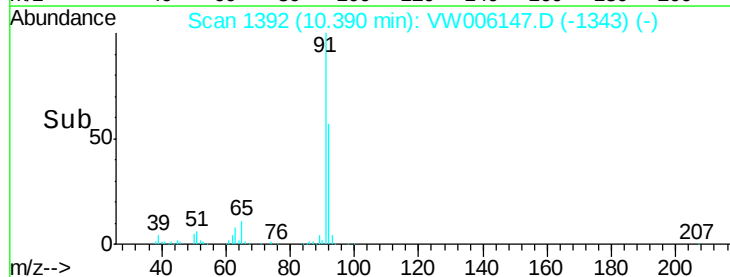
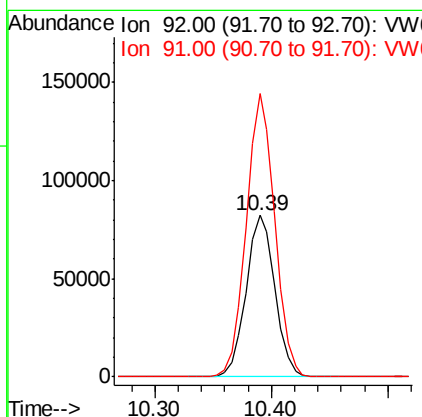
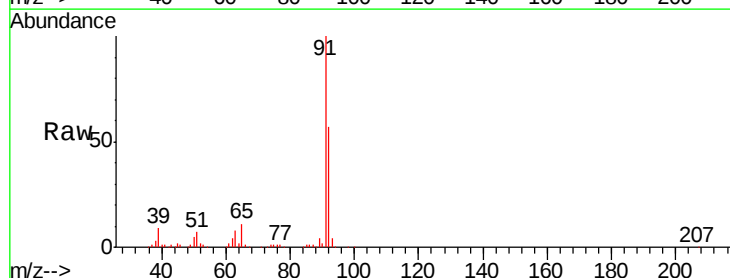
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

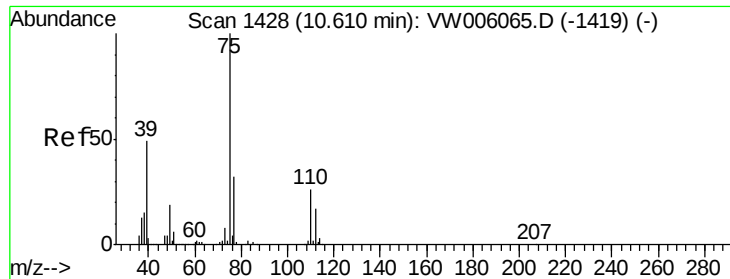
Tgt Ion: 43 Resp: 151754
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.5 47.3



#52
 Toluene
 Concen: 21.06 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 92 Resp: 140935
 Ion Ratio Lower Upper
 92 100
 91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.32 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

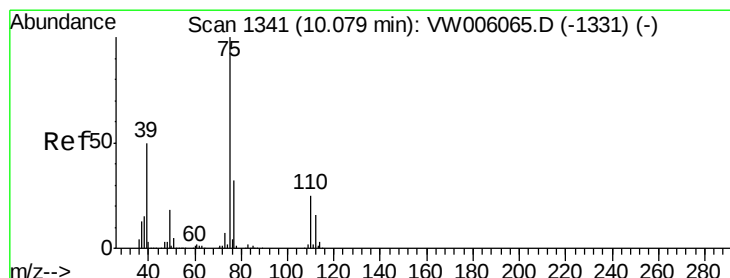
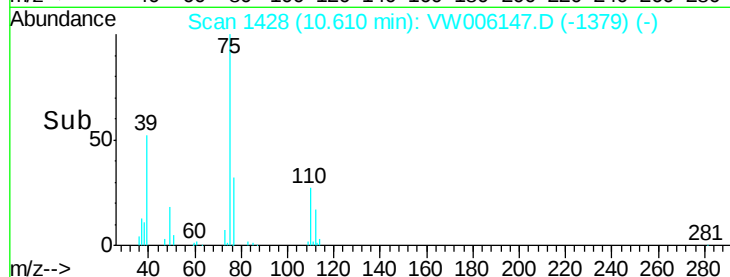
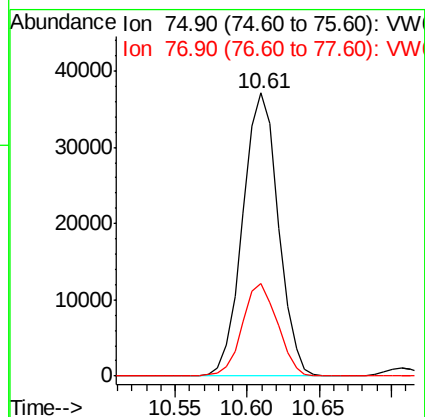
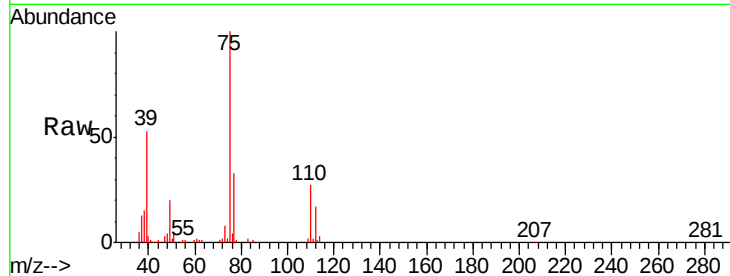
VW1017SBSD02

Tgt Ion: 75 Resp: 63546

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.61 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

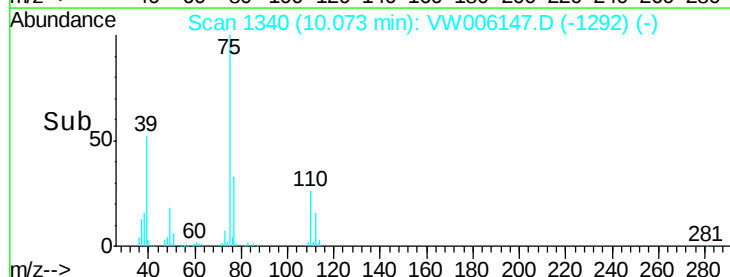
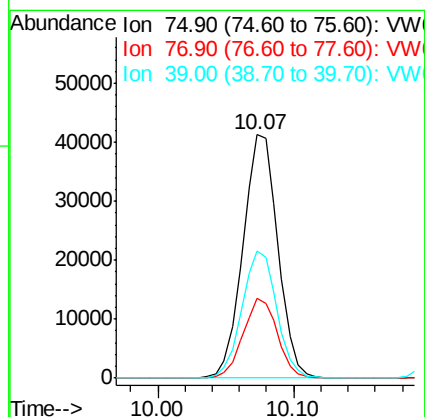
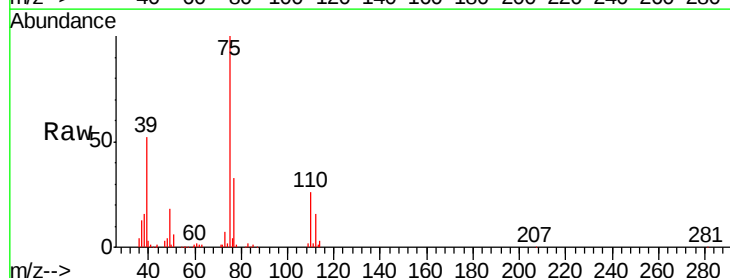
Tgt Ion: 75 Resp: 74020

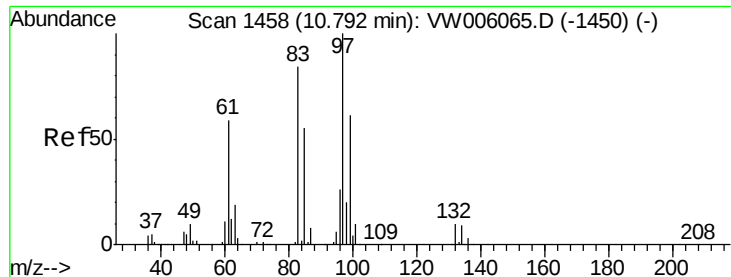
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 52.0 39.9 59.9

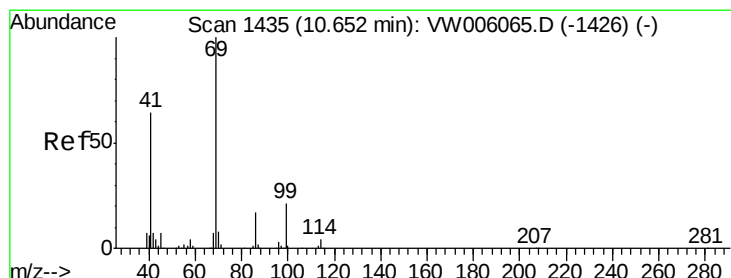
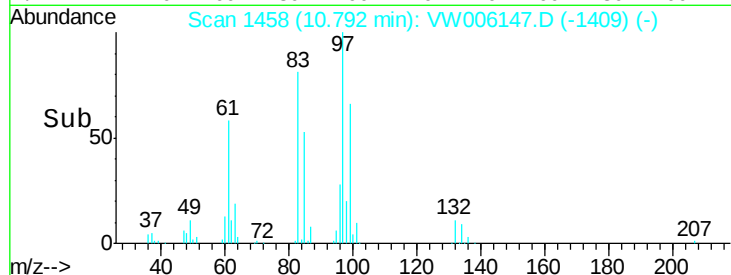
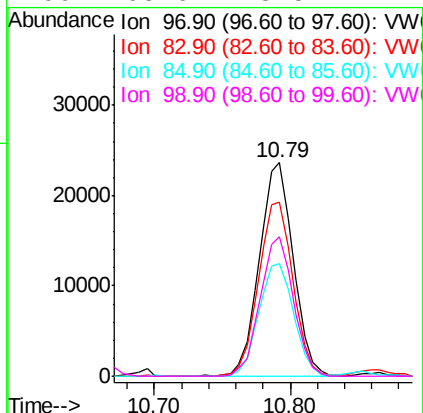
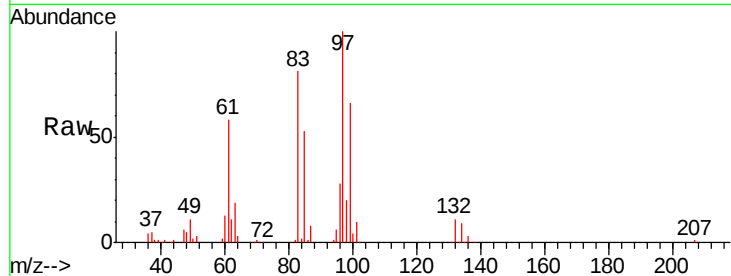




#55
 1,1,2-Trichloroethane
 Concen: 21.74 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

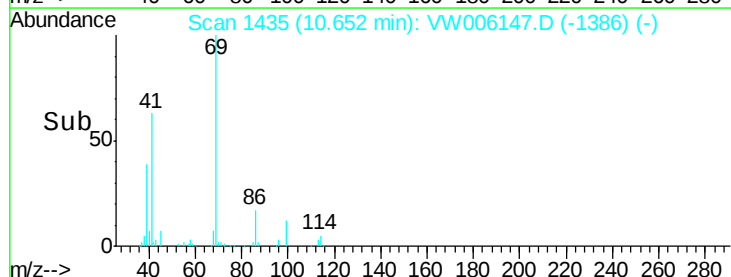
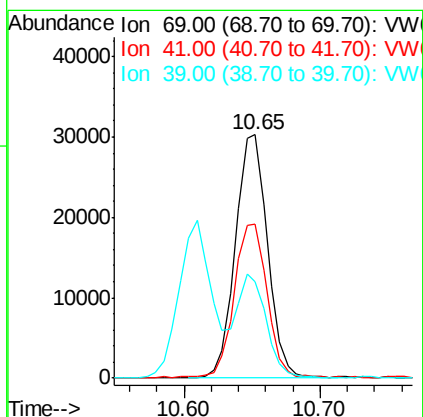
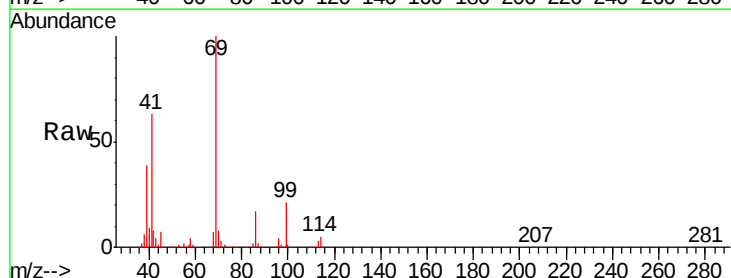
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

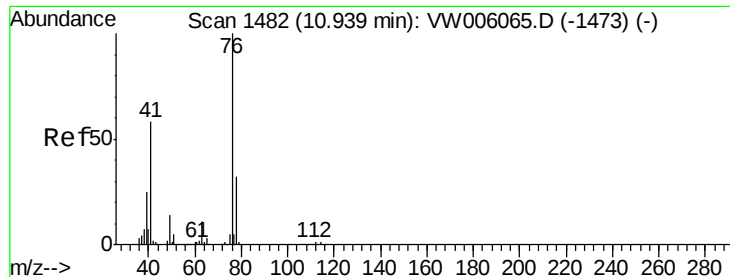
Tgt Ion: 97 Resp: 41420
 Ion Ratio Lower Upper
 97 100
 83 81.3 67.2 100.8
 85 52.7 43.7 65.5
 99 65.6 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 21.41 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 69 Resp: 50010
 Ion Ratio Lower Upper
 69 100
 41 63.7 52.8 79.2
 39 41.1 30.6 45.8

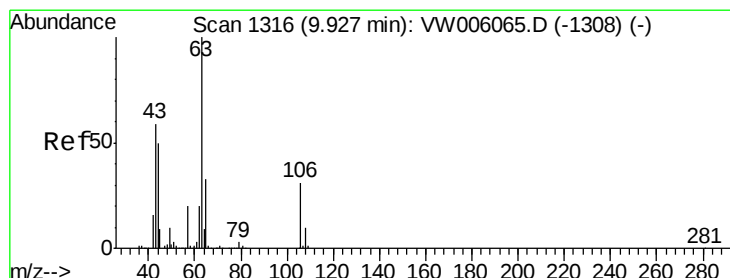
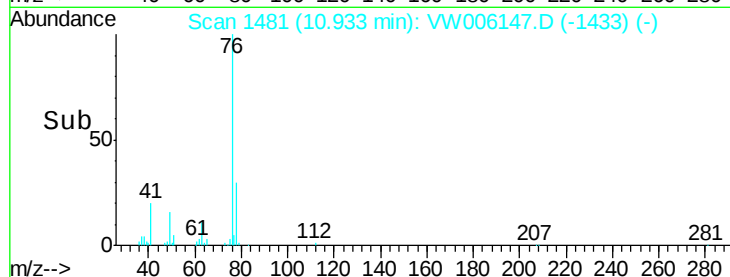
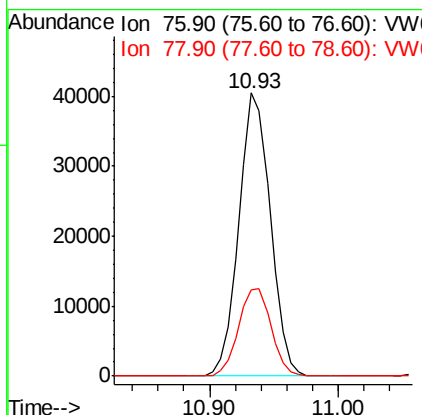
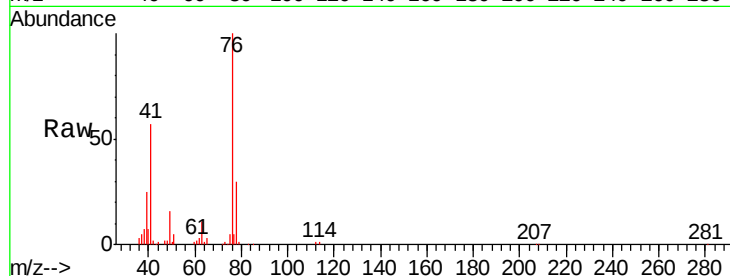




#57
 1,3-Dichloropropane
 Concen: 21.69 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

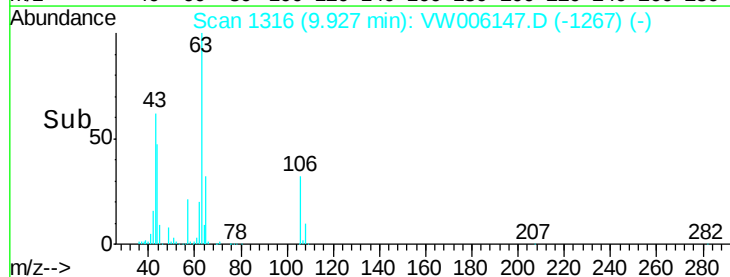
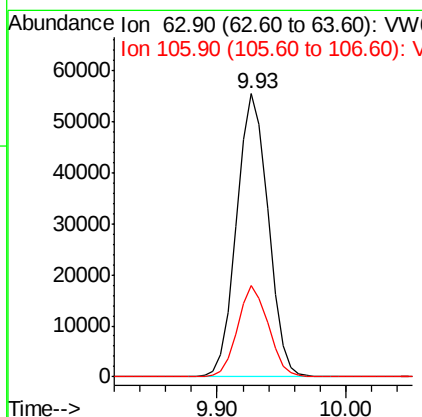
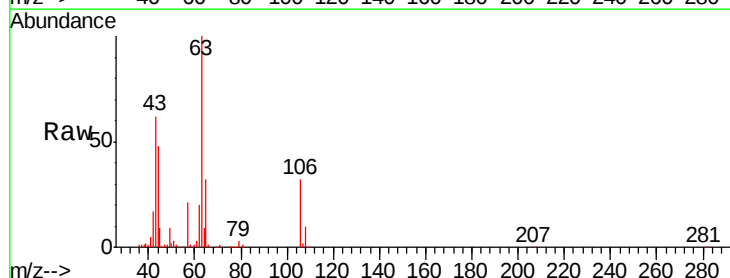
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

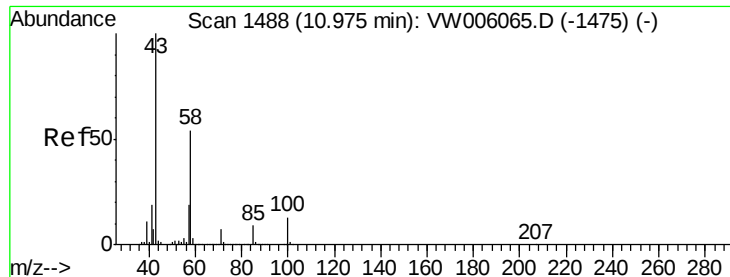
Tgt Ion: 76 Resp: 68409
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.32 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion: 63 Resp: 94000
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.5 36.7

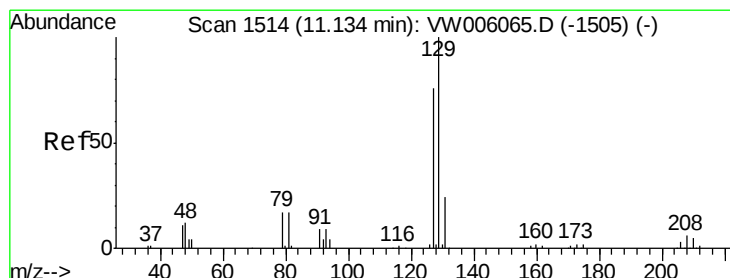
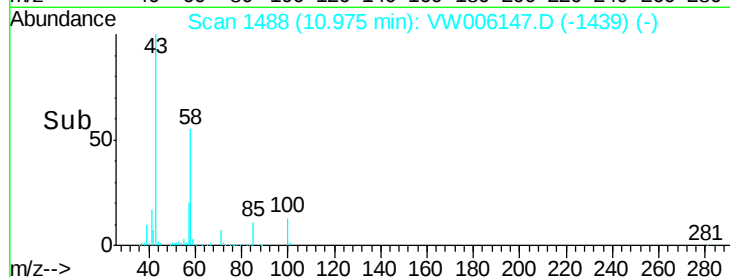
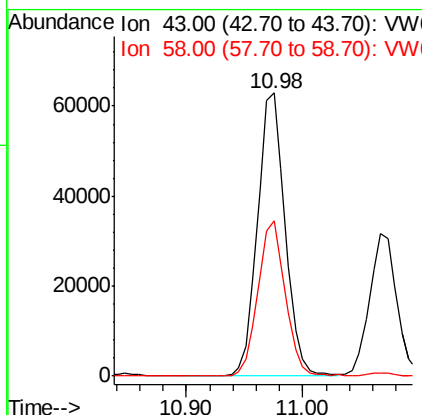
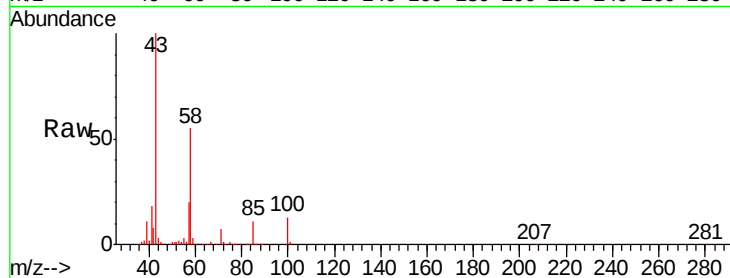




#59
2-Hexanone
Concen: 104.99 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

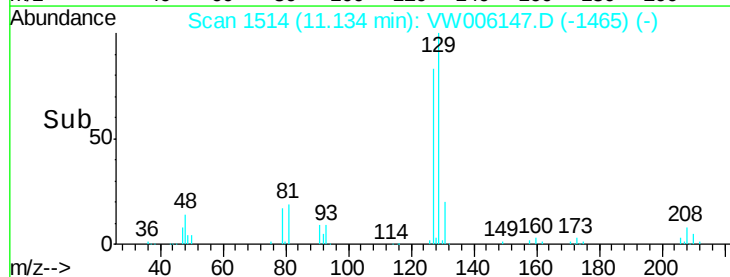
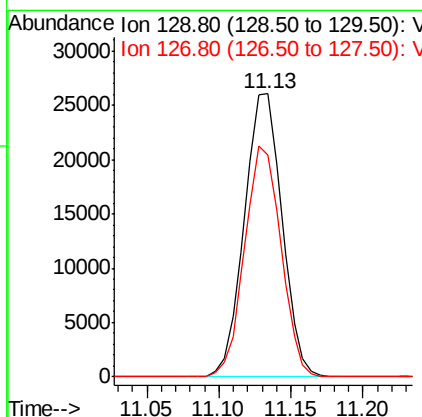
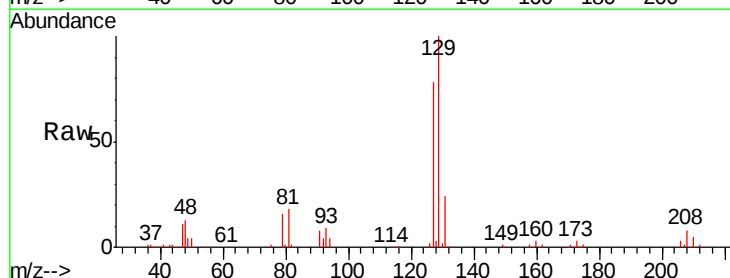
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

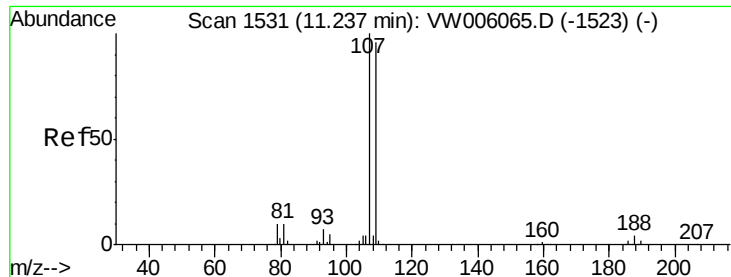
Tgt Ion: 43 Resp: 103815
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.6



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 129 Resp: 47190
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.52 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

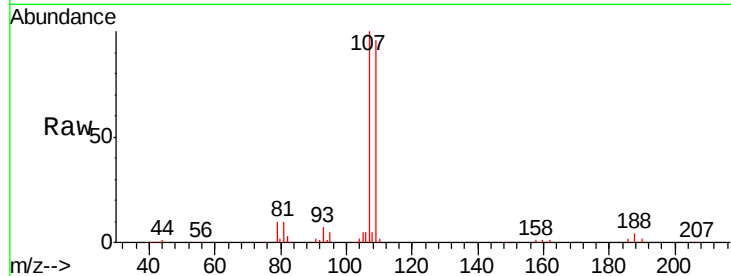
VW1017SBSD02

Tgt Ion: 107 Resp: 40959

Ion Ratio Lower Upper

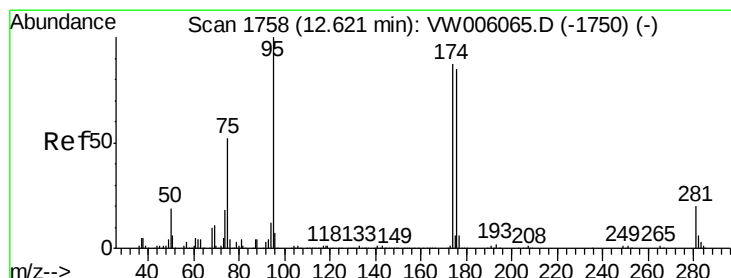
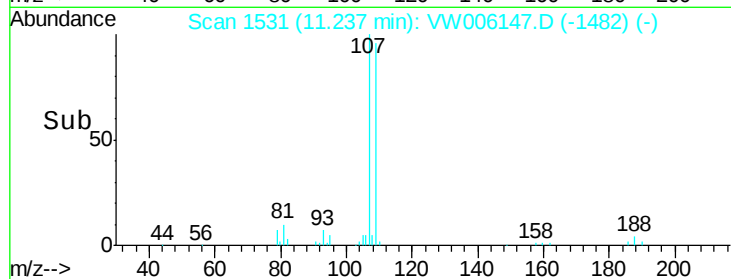
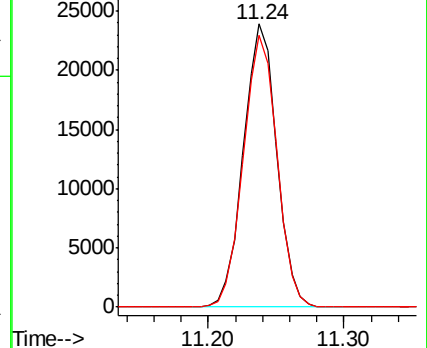
107 100

109 96.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.29 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

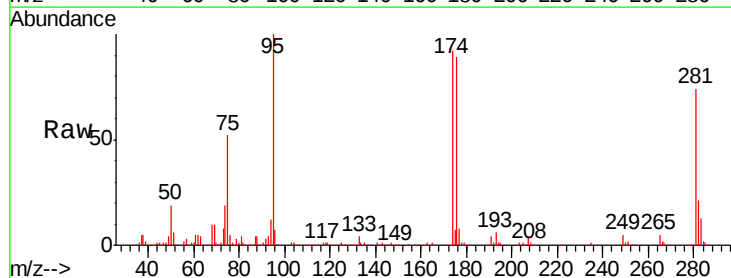
Tgt Ion: 95 Resp: 167649

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.0

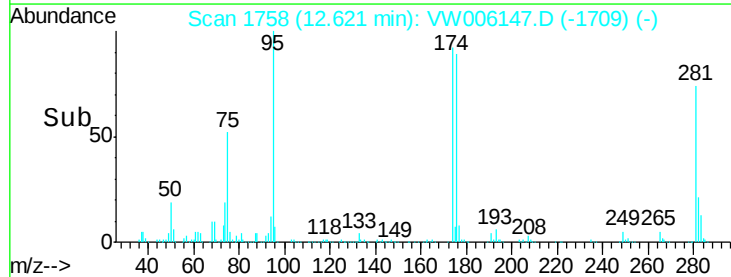
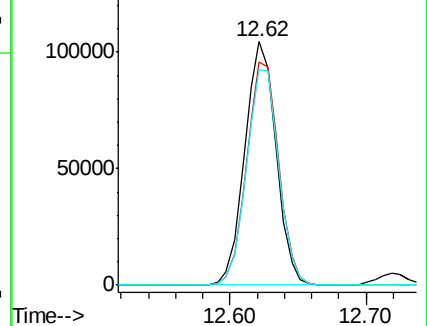
176 91.3 0.0 181.6

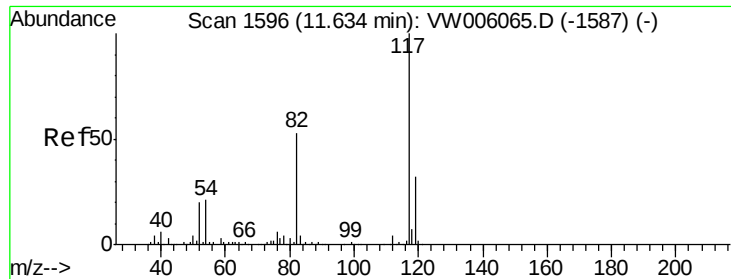


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

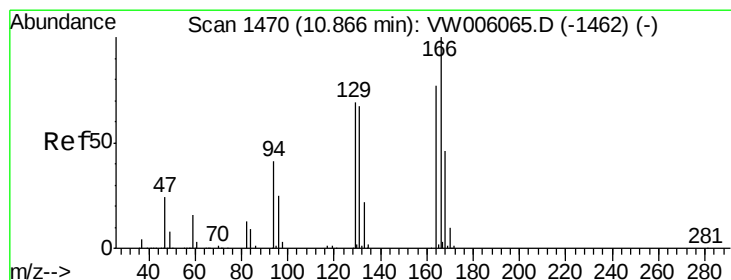
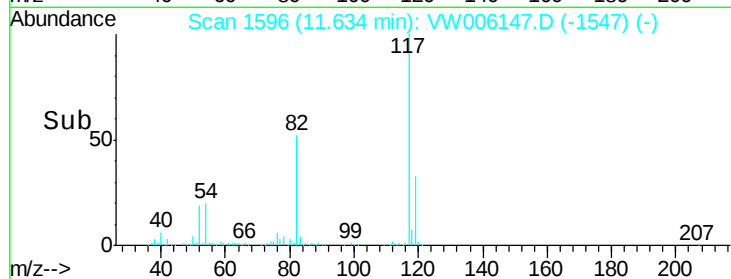
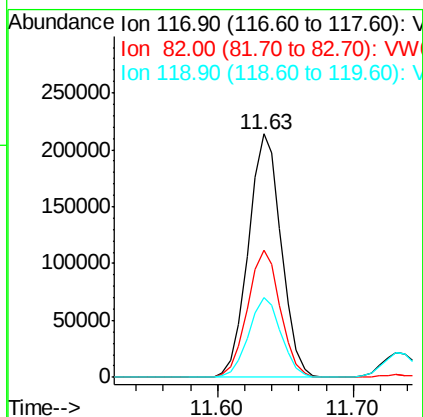
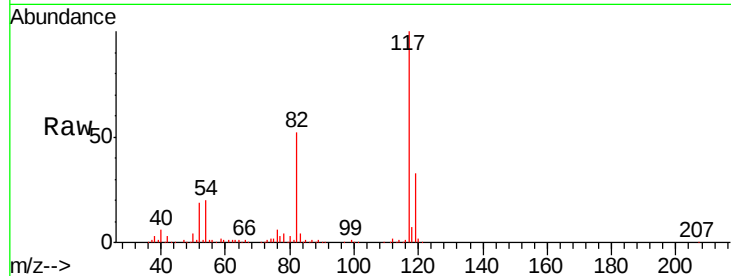




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

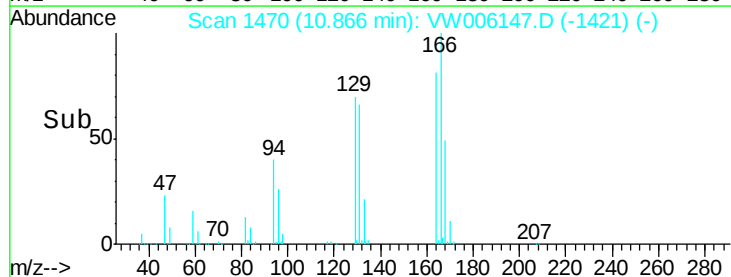
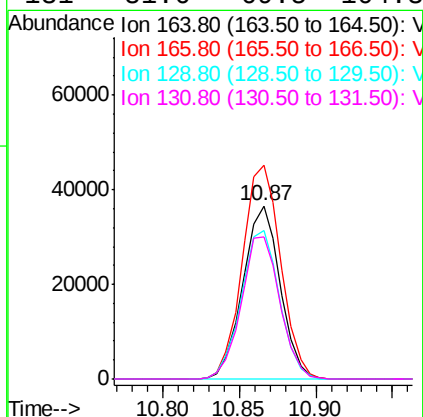
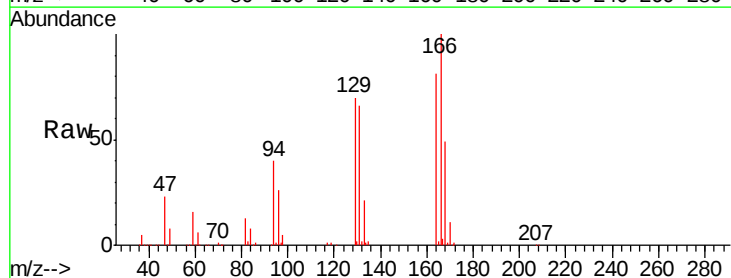
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

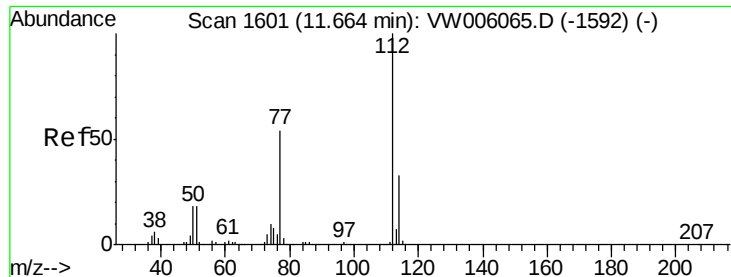
Tgt Ion:117 Resp: 361438
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 22.04 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion:164 Resp: 61848
Ion Ratio Lower Upper
164 100
166 123.2 103.4 155.0
129 85.7 71.8 107.8
131 81.6 69.5 104.3





#65

Chlorobenzene

Concen: 21.23 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

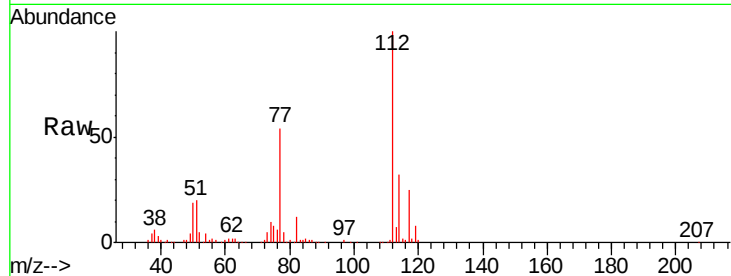
VW1017SBSD02

Tgt Ion:112 Resp: 164273

Ion Ratio Lower Upper

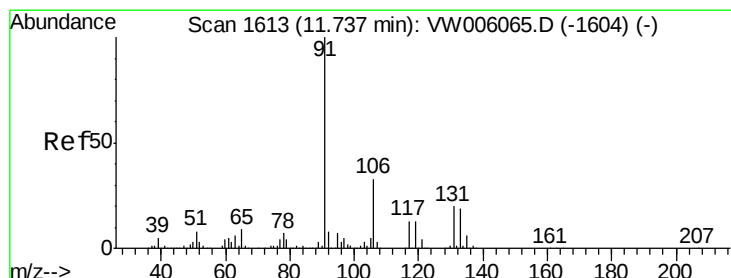
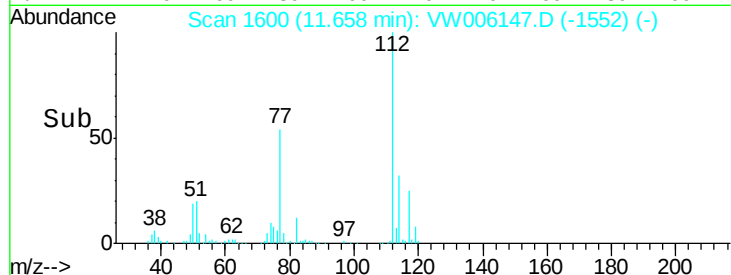
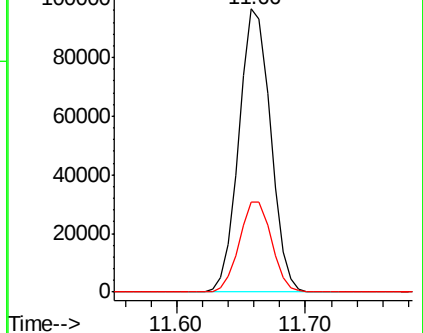
112 100

114 31.8 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

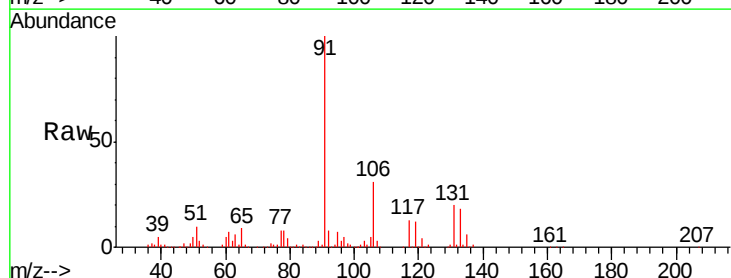
Tgt Ion:131 Resp: 56970

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.3

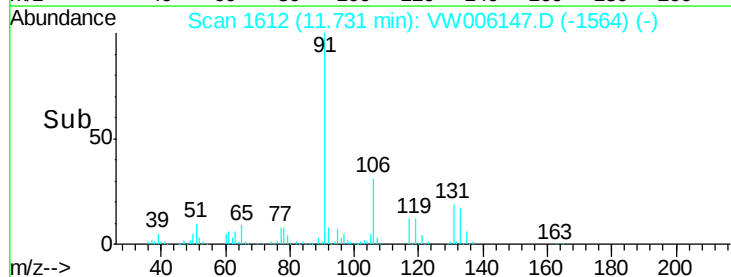
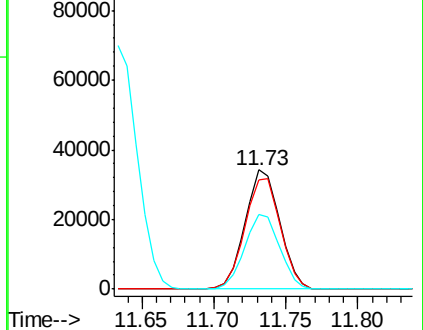
119 63.5 31.6 94.7

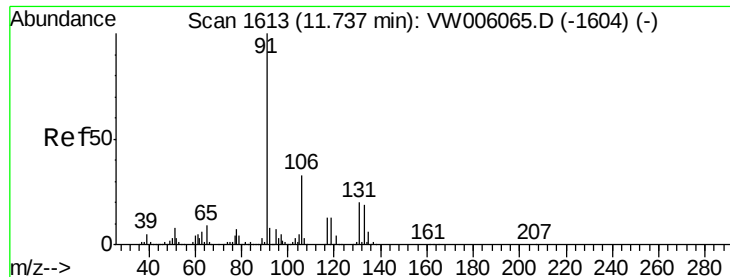


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

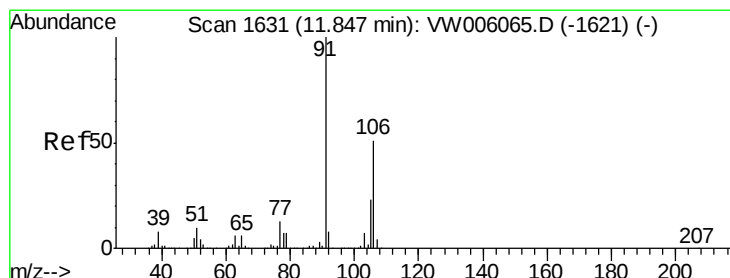
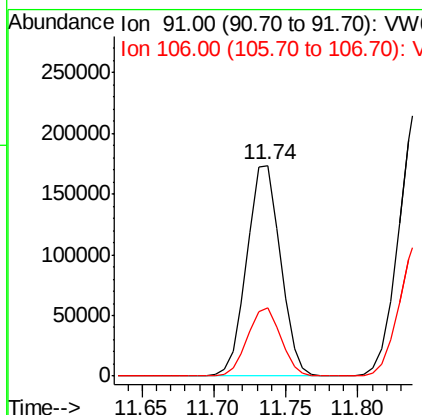
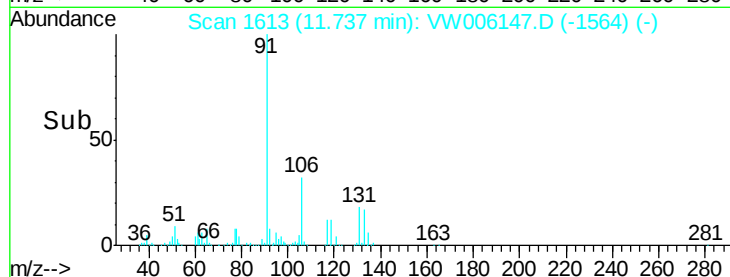
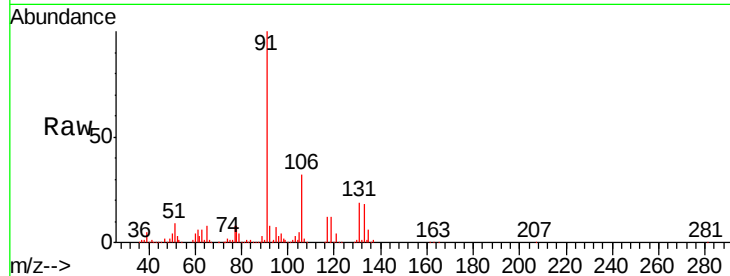




#67
Ethyl Benzene
Concen: 20.94 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

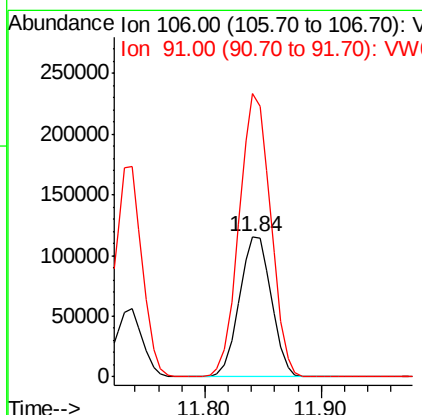
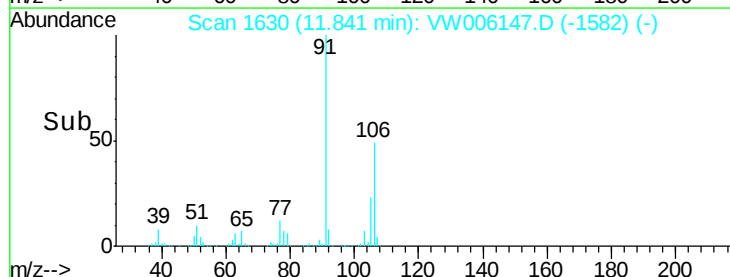
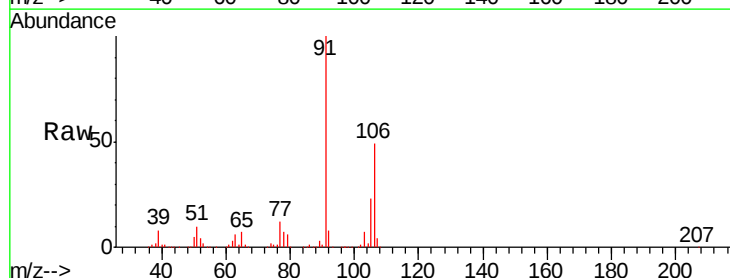
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

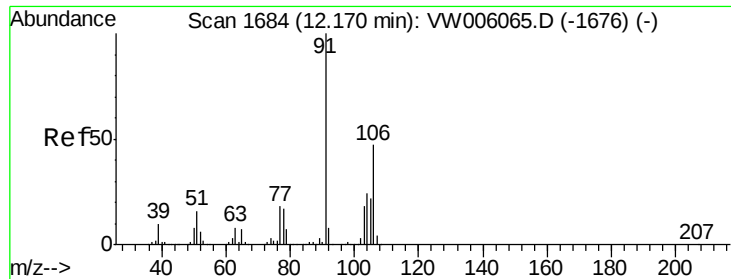
Tgt Ion: 91 Resp: 280822
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1



#68
m/p-Xylenes
Concen: 41.76 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion: 106 Resp: 221347
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7

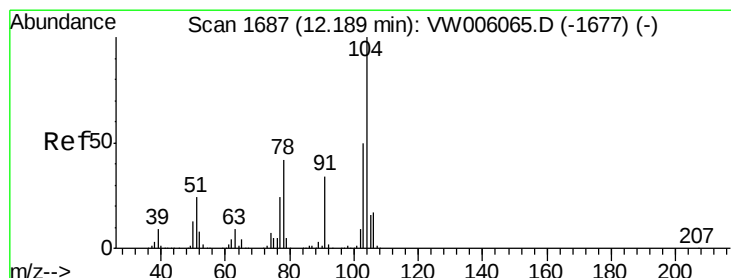
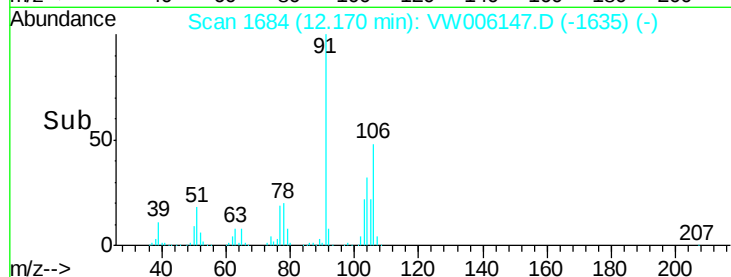
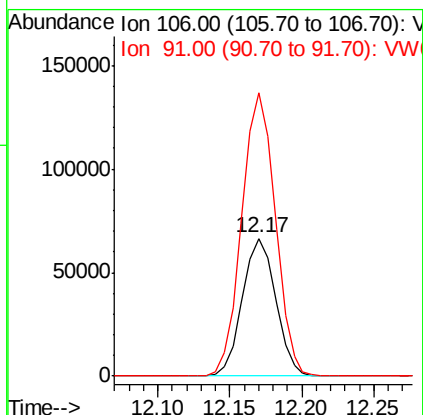
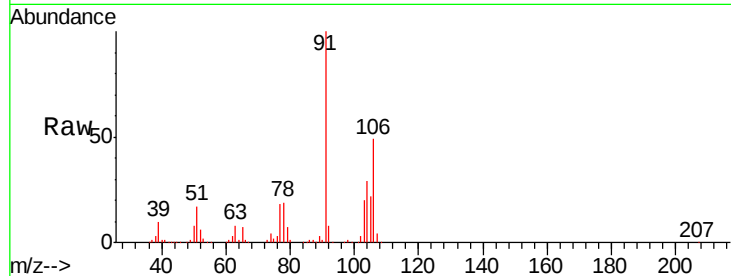




#69
o-Xylene
Concen: 21.14 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

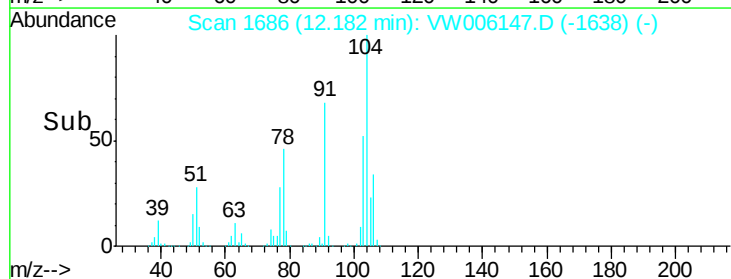
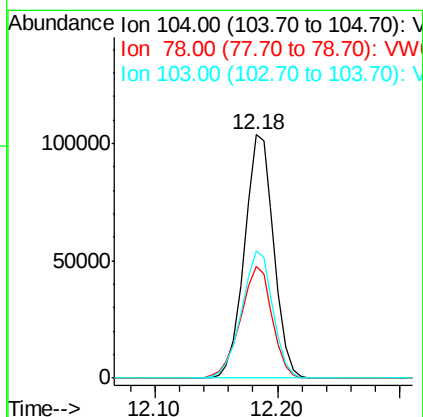
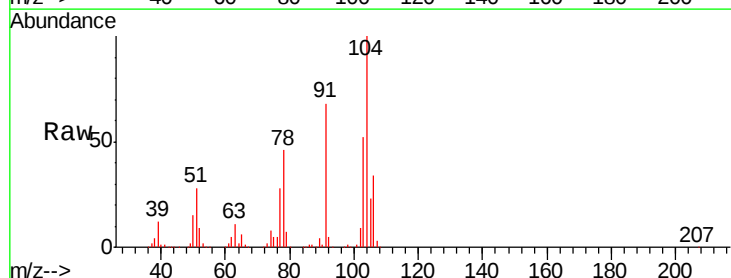
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tgt Ion:106 Resp: 106778
Ion Ratio Lower Upper
106 100
91 207.1 105.4 316.1



#70
Styrene
Concen: 20.95 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion:104 Resp: 172116
Ion Ratio Lower Upper
104 100
78 49.6 39.1 58.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 19.20 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

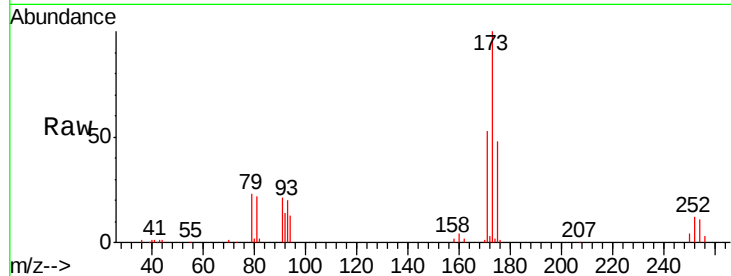
Tgt Ion:173 Resp: 29445

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

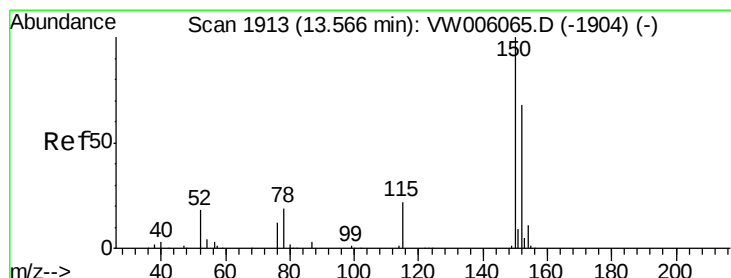
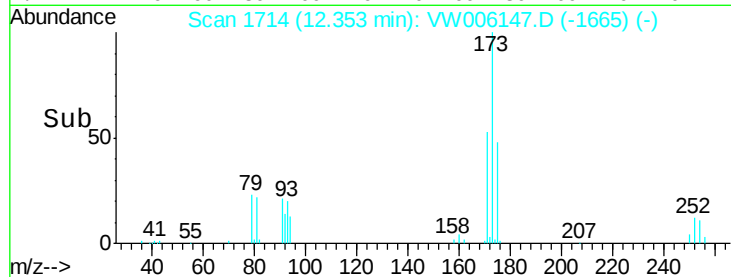
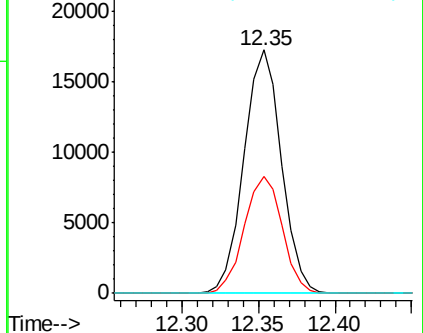
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

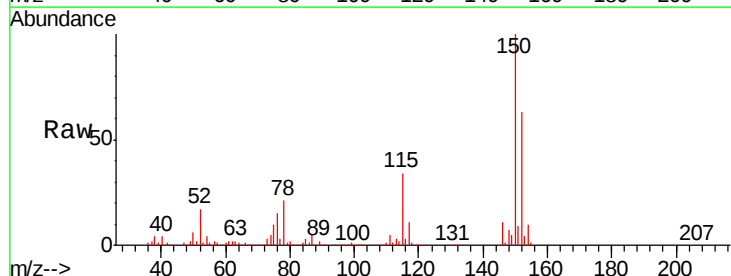
Tgt Ion:152 Resp: 202510

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

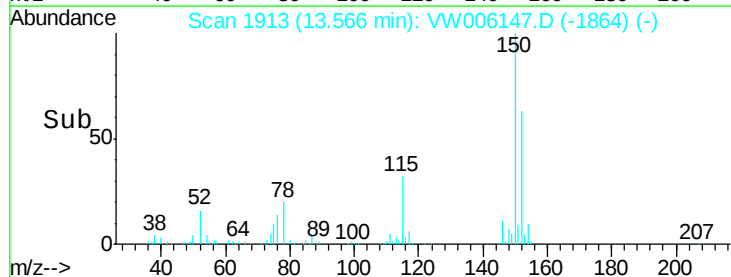
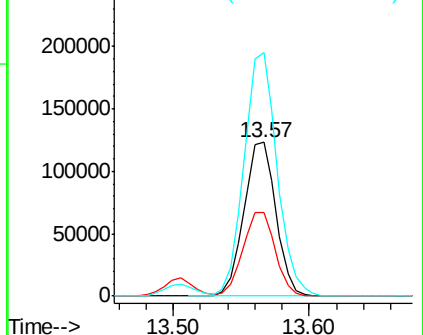
150 163.7 0.0 349.2

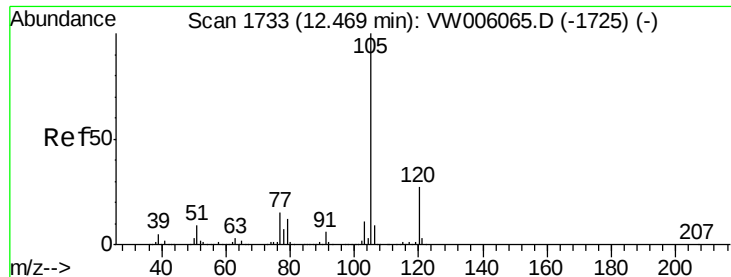


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

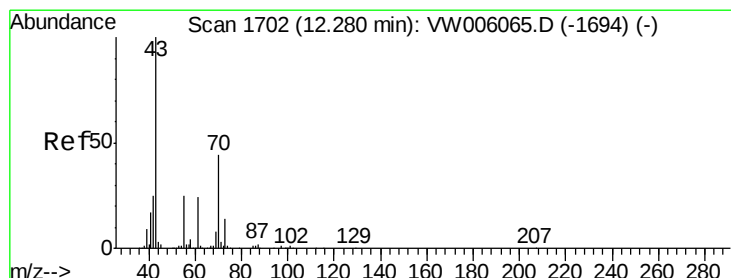
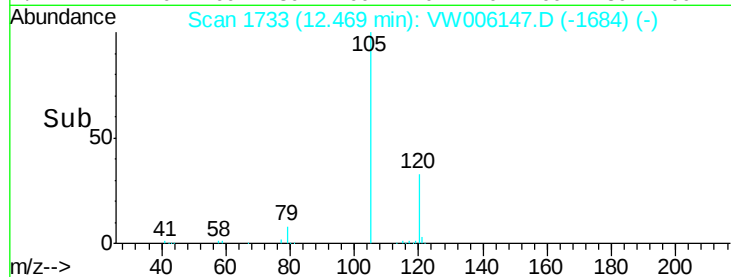
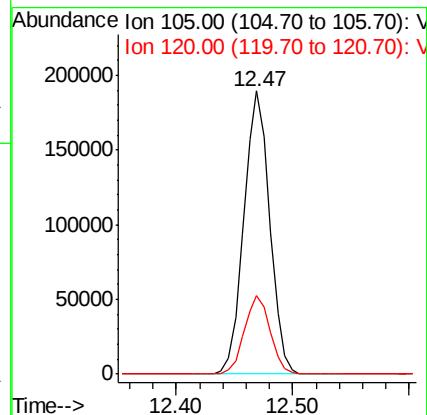
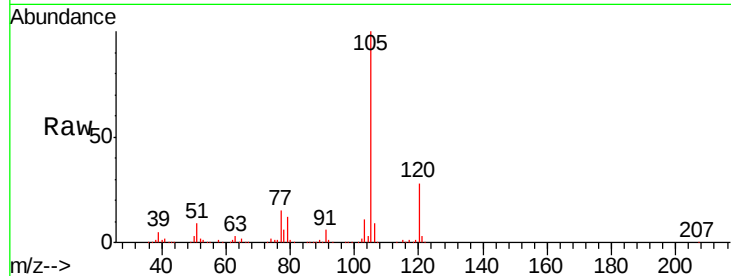
VW1017SBSD02

Tgt Ion:105 Resp: 294029

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 20.85 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Tgt Ion: 43 Resp: 57940

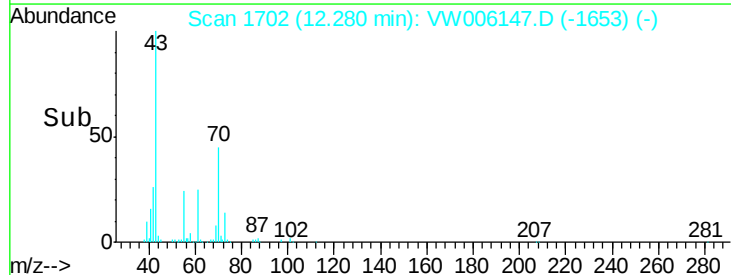
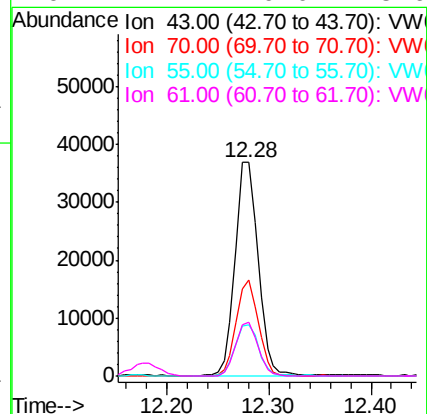
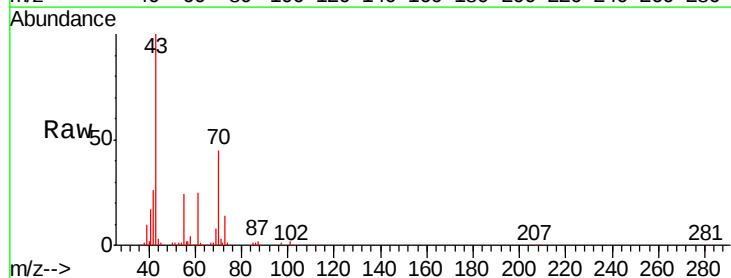
Ion Ratio Lower Upper

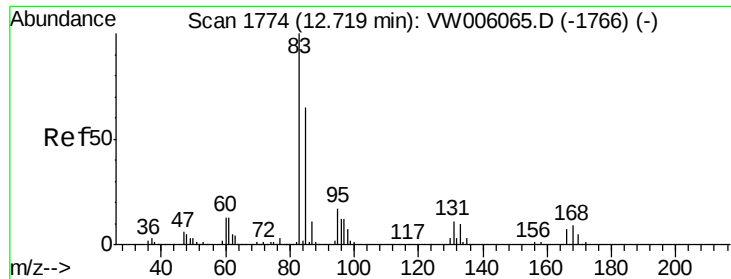
43 100

70 43.2 34.2 51.4

55 24.7 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.09 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

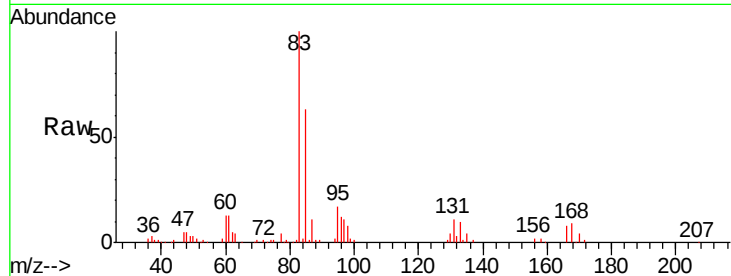
Tgt Ion: 83 Resp: 48060

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

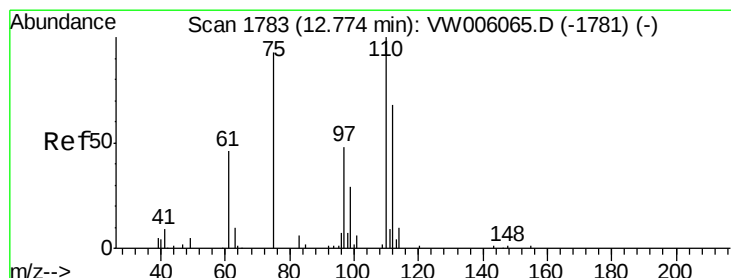
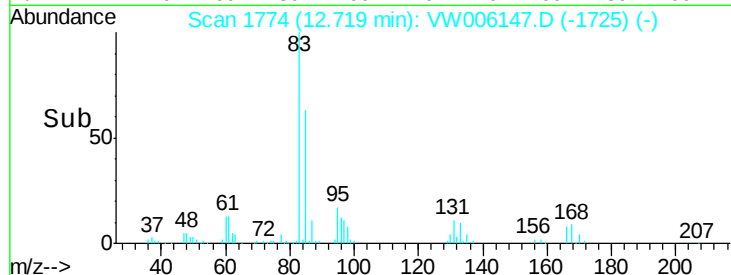
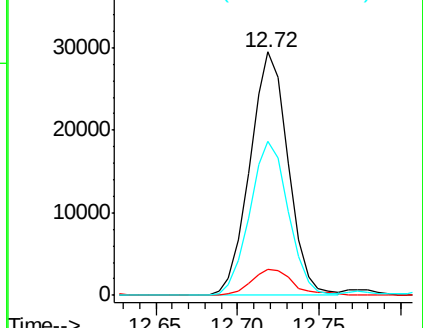
85 63.5 31.9 95.9



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: 38.97 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006147.D

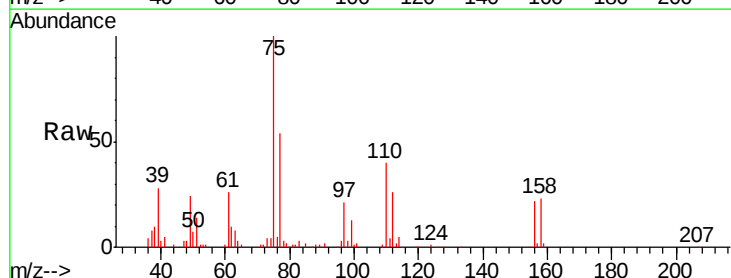
Acq: 18 Oct 2018 02:21

Tgt Ion: 75 Resp: 60273

Ion Ratio Lower Upper

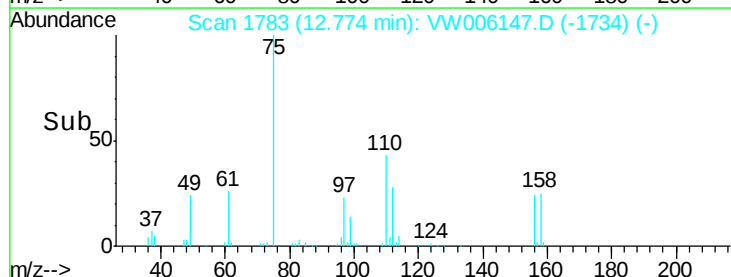
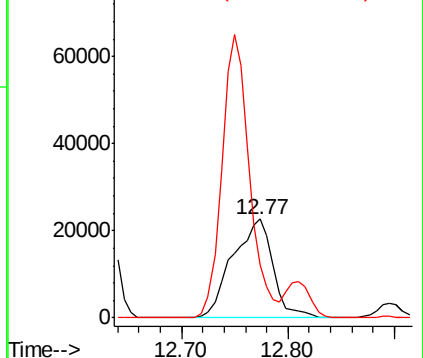
75 100

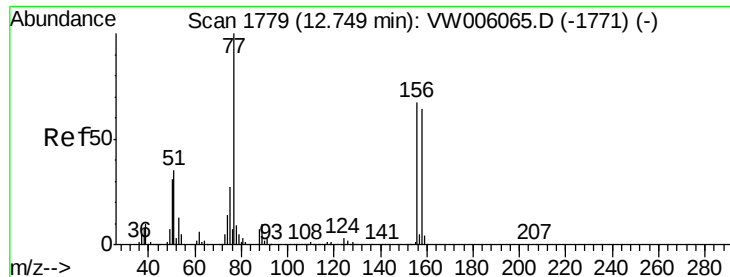
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.25 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

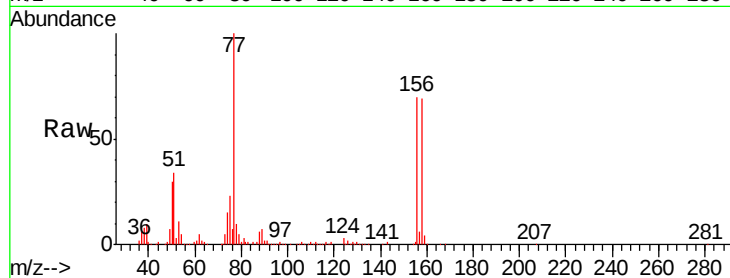
Tgt Ion:156 Resp: 74466

Ion Ratio Lower Upper

156 100

77 158.4 79.1 237.4

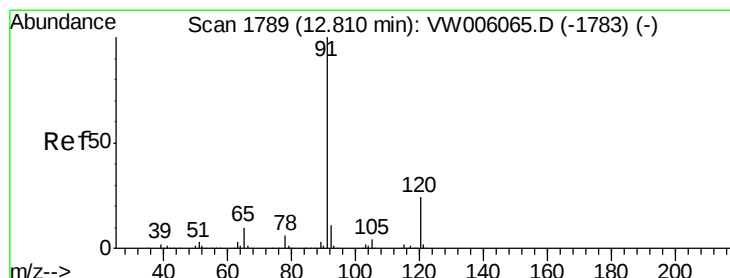
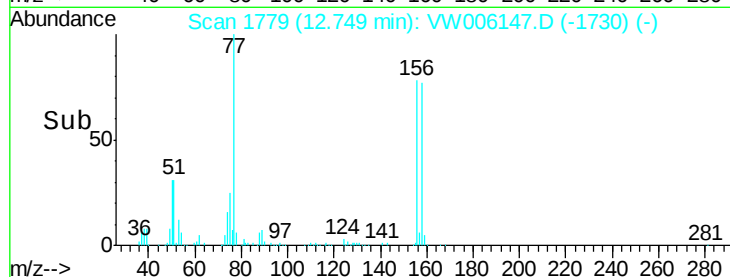
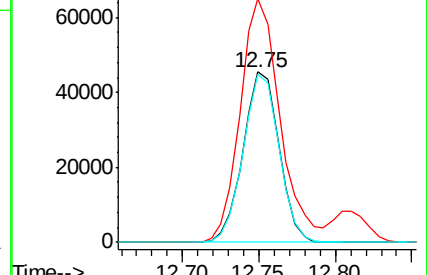
158 98.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.50 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006147.D

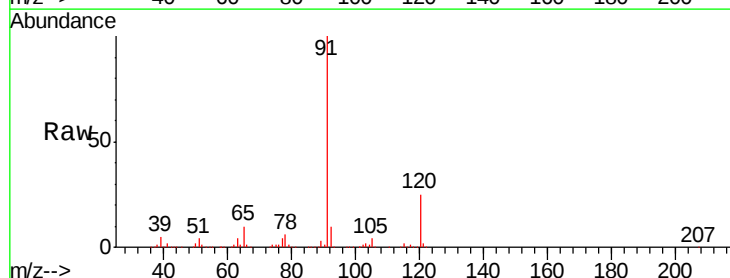
Acq: 18 Oct 2018 02:21

Tgt Ion: 91 Resp: 341288

Ion Ratio Lower Upper

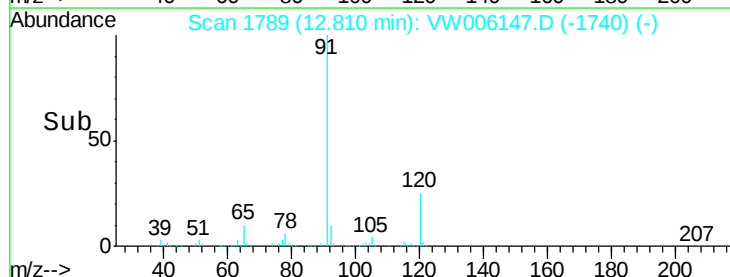
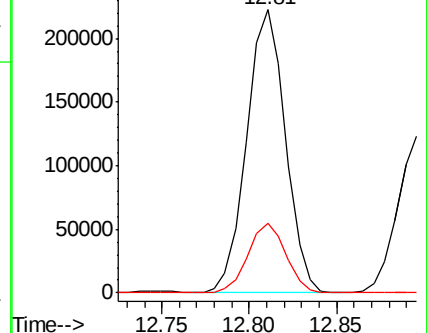
91 100

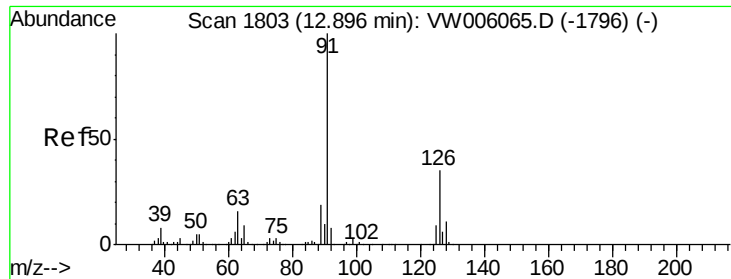
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.05 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

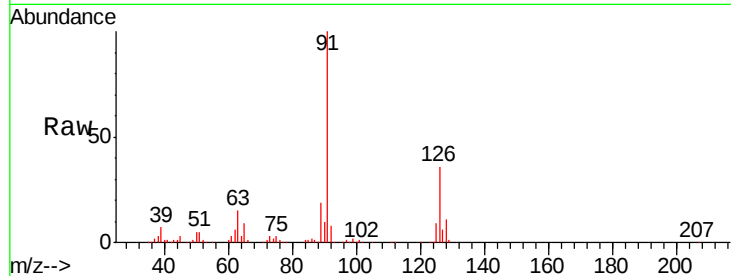
VW1017SBS02

Tgt Ion: 91 Resp: 196881

Ion Ratio Lower Upper

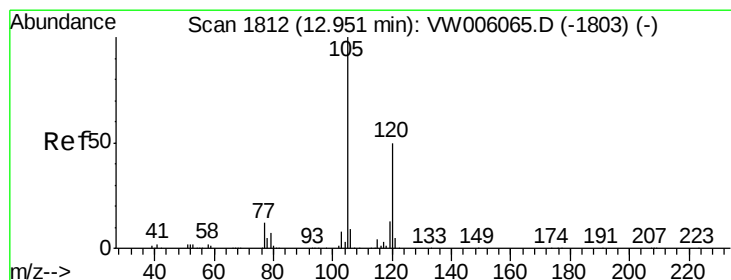
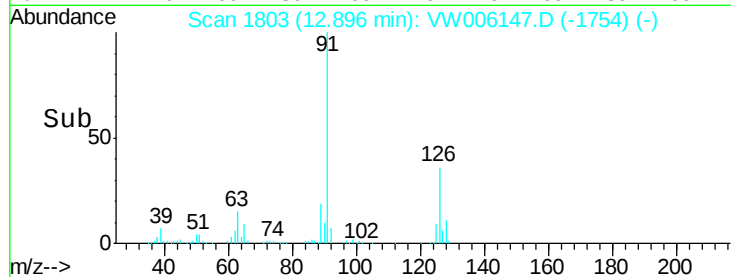
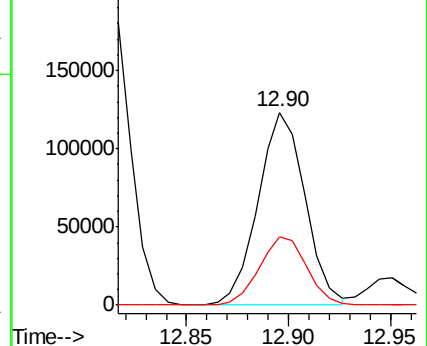
91 100

126 35.9 17.9 53.8



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: 20.77 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006147.D

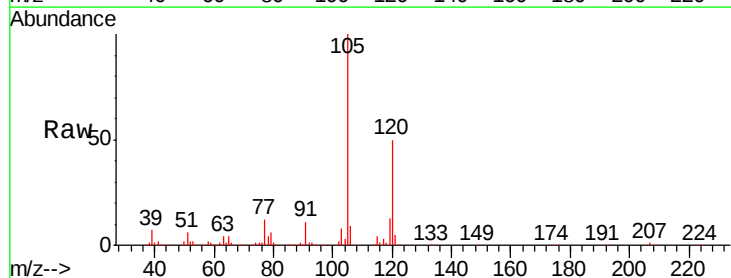
Acq: 18 Oct 2018 02:21

Tgt Ion: 105 Resp: 250469

Ion Ratio Lower Upper

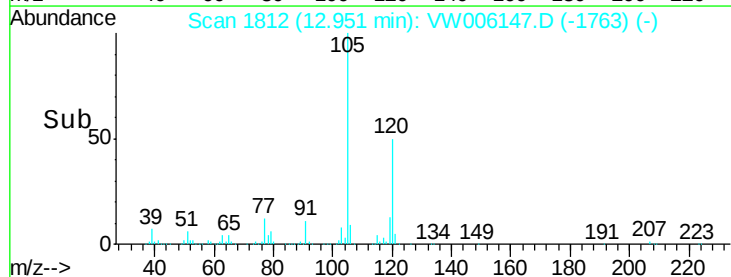
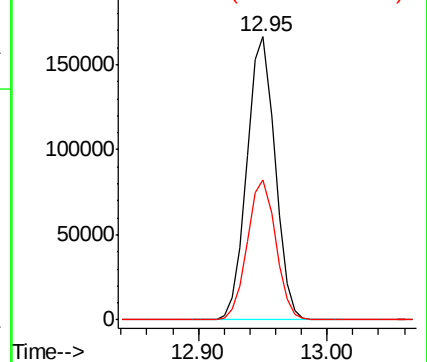
105 100

120 50.1 24.9 74.6



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: 17.35 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

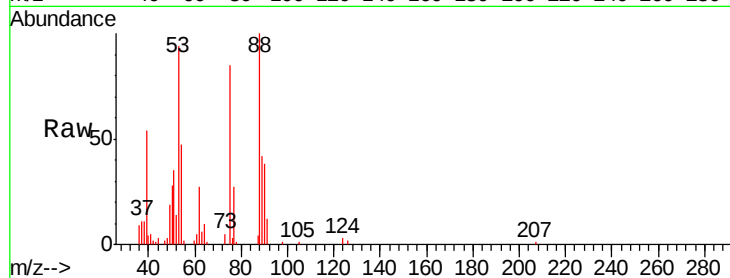
MSVOA_W

ClientSampleId :

VW1017SBSD02

Tgt Ion: 75 Resp: 11227

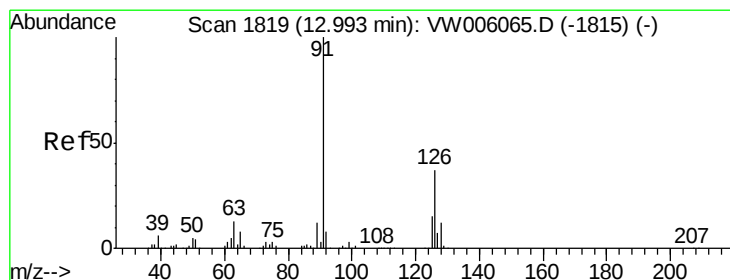
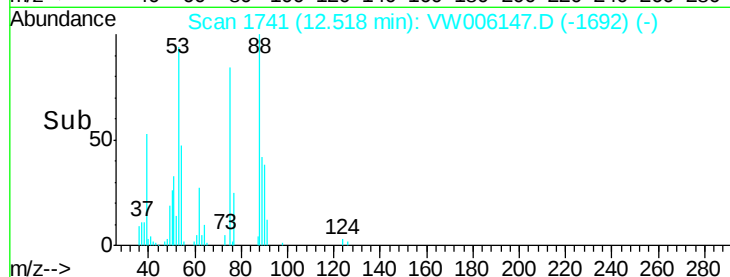
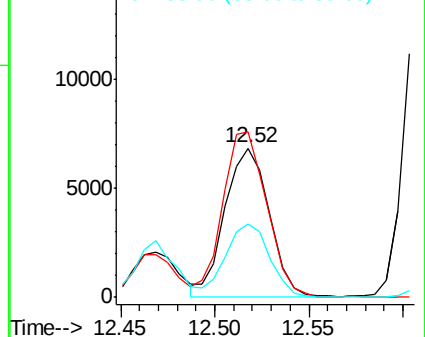
Ion	Ratio	Lower	Upper
75	100		
53	109.9	79.8	119.6
89	48.0	37.5	56.3



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: 21.35 ug/l

RT: 12.99 min Scan# 1819

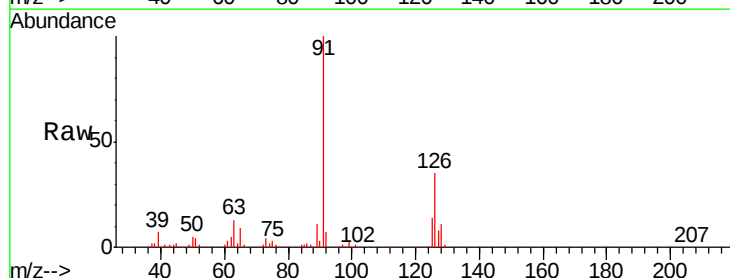
Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

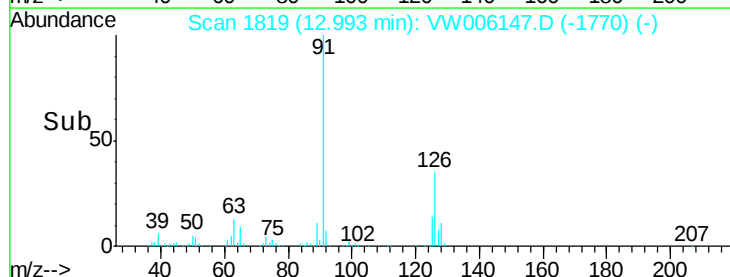
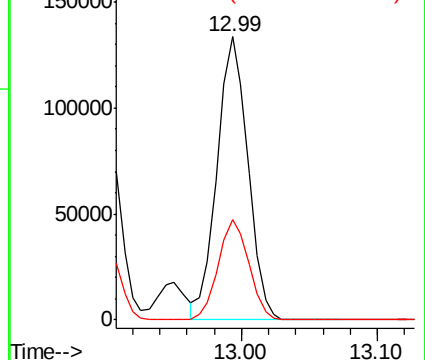
Tgt Ion: 91 Resp: 209192

Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

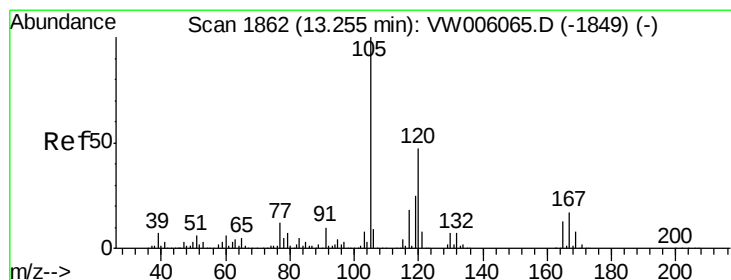
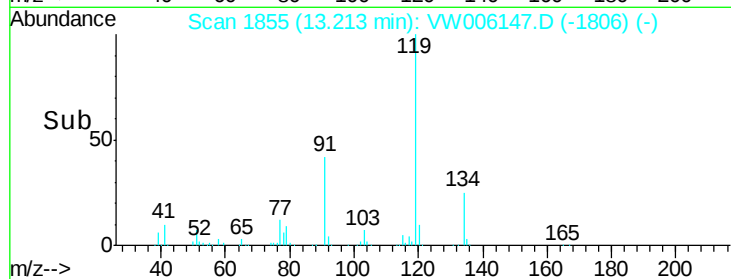
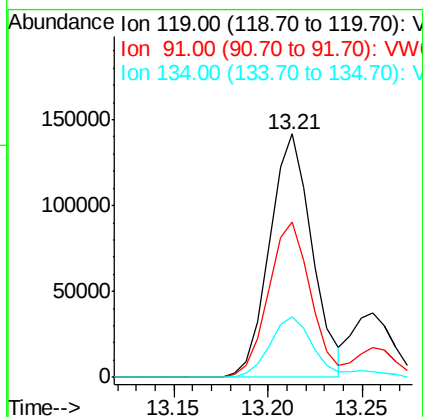
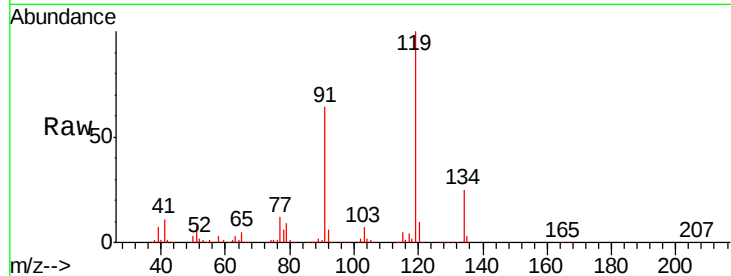




#83
 tert-Butylbenzene
 Concen: 20.51 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

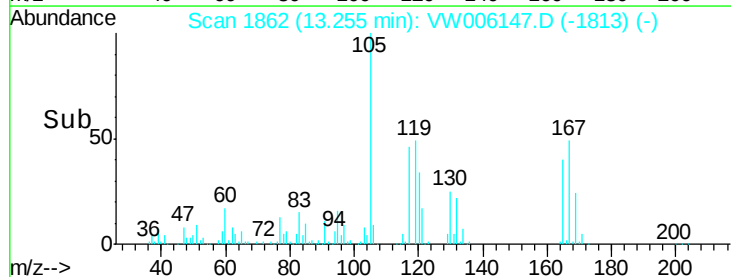
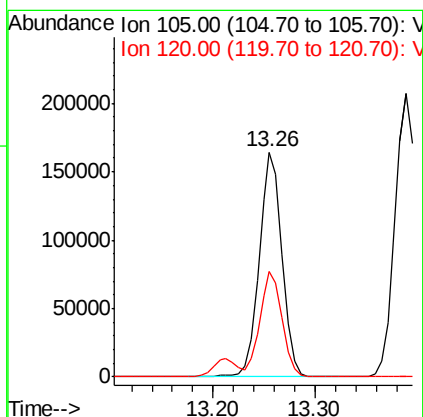
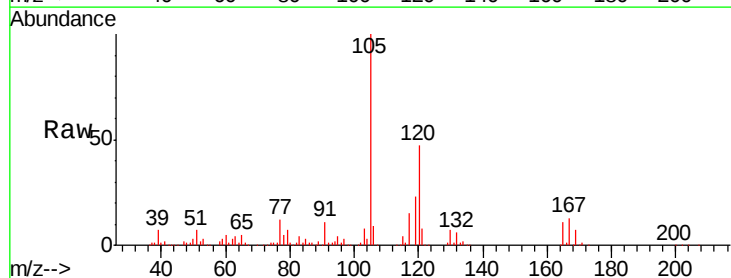
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

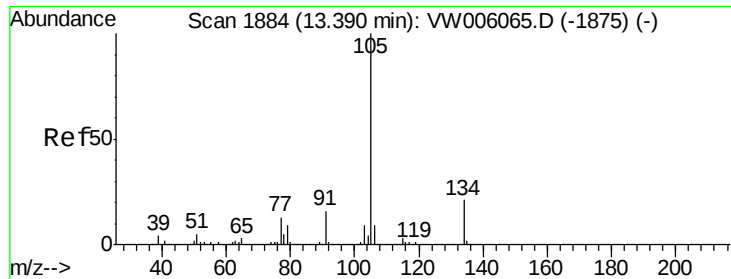
Tgt Ion:119 Resp: 221356
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.3 96.9
 134 25.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.89 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion:105 Resp: 254954
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3

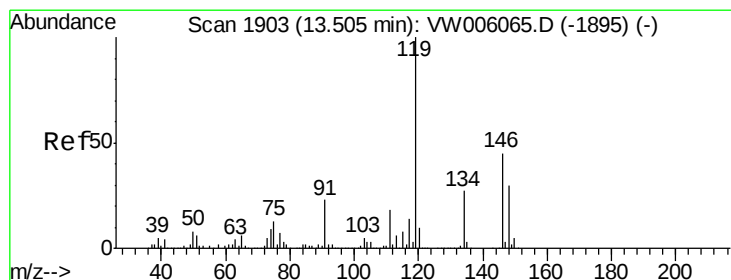
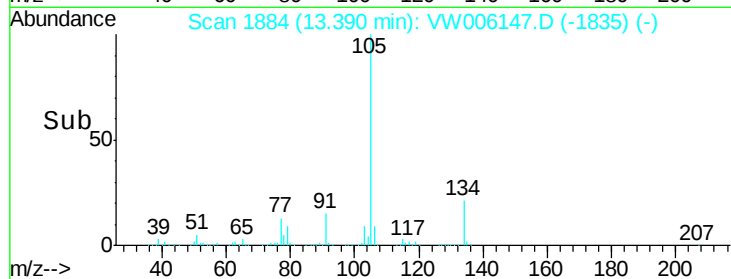
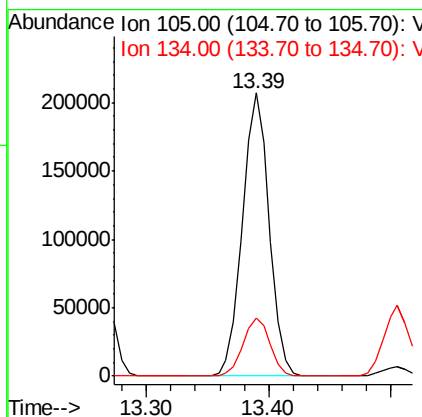
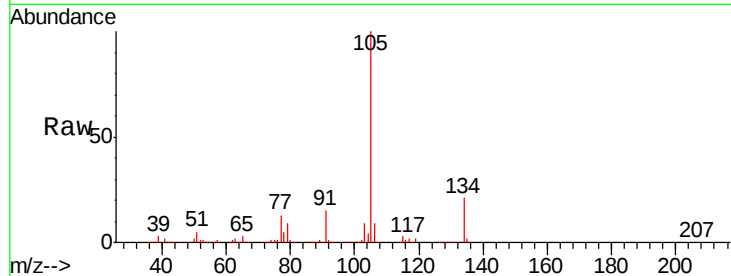




#85
 sec-Butylbenzene
 Concen: 20.51 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

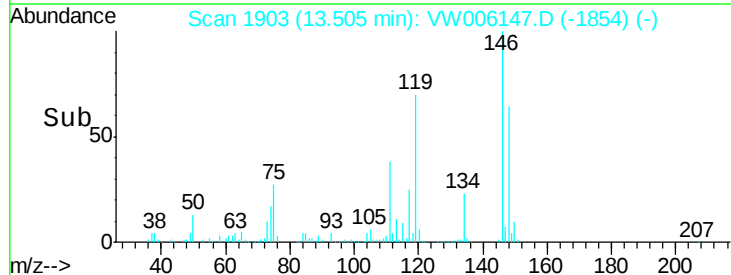
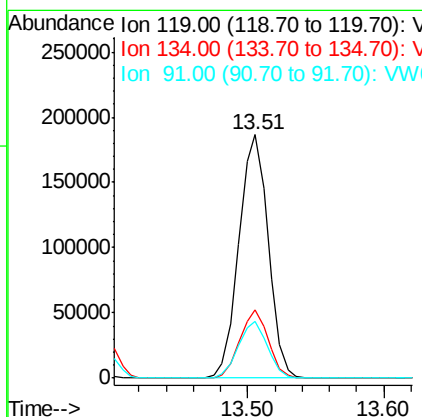
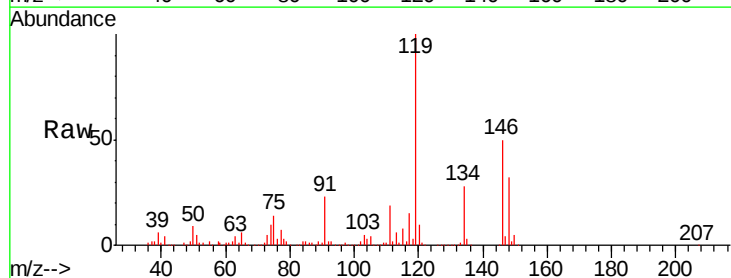
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

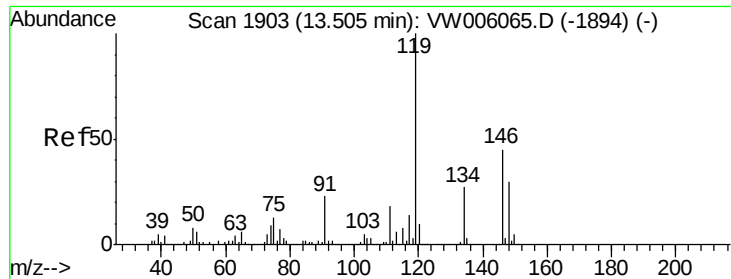
Tgt Ion:105 Resp: 312608
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.28 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion:119 Resp: 279597
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 23.4 11.4 34.1

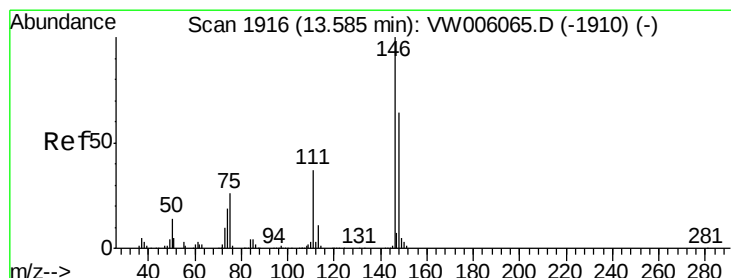
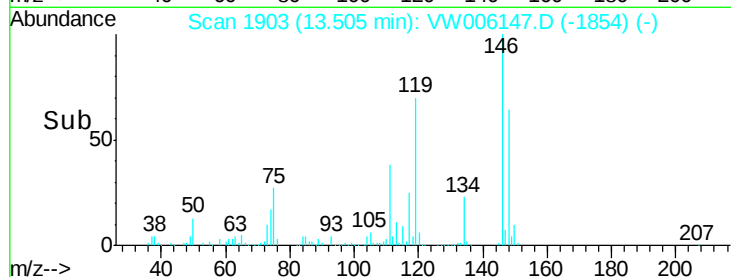
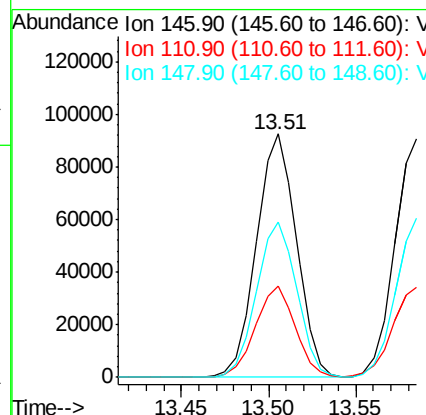
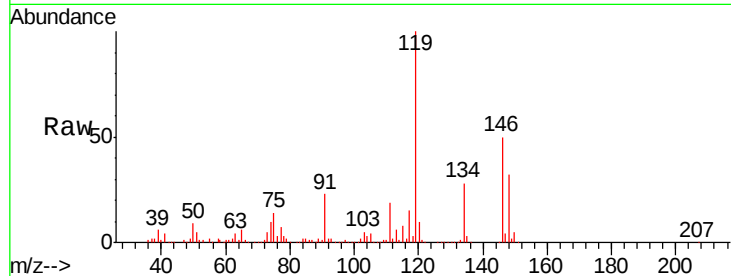




#87
 1,3-Dichlorobenzene
 Concen: 21.07 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

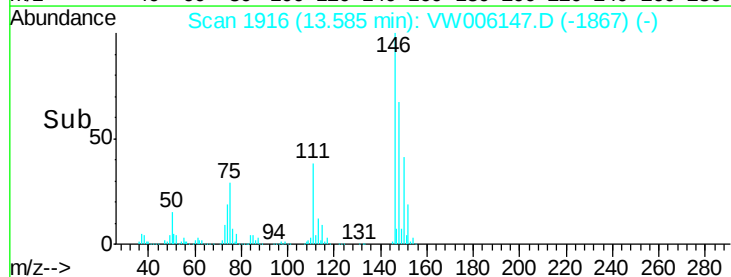
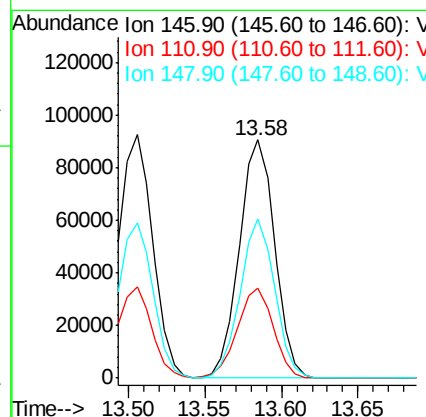
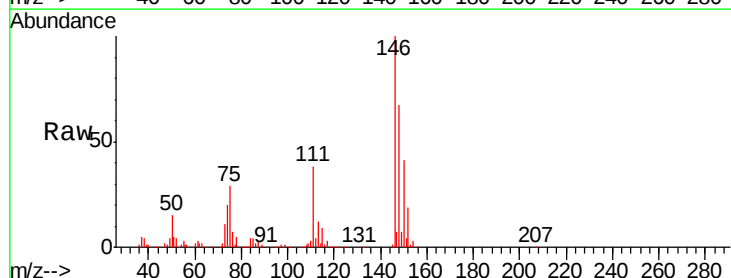
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

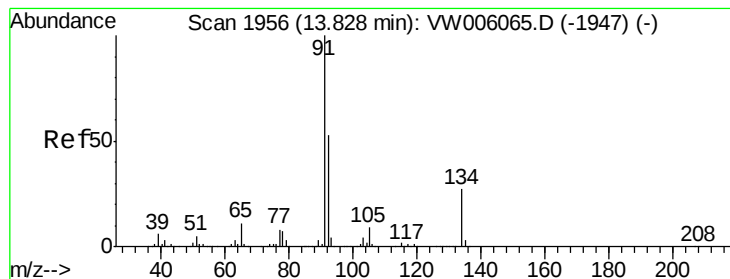
Tgt Ion:146 Resp: 146951
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.01 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion:146 Resp: 145919
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 56.0
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.19 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

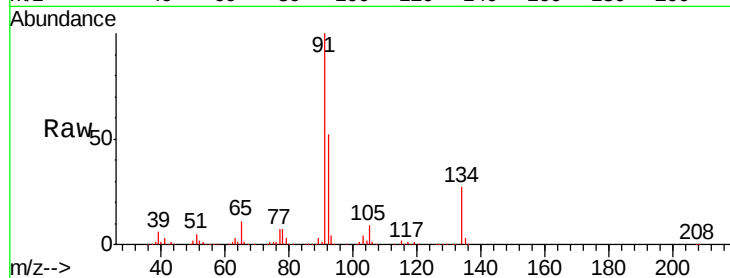
Tgt Ion: 91 Resp: 254596

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

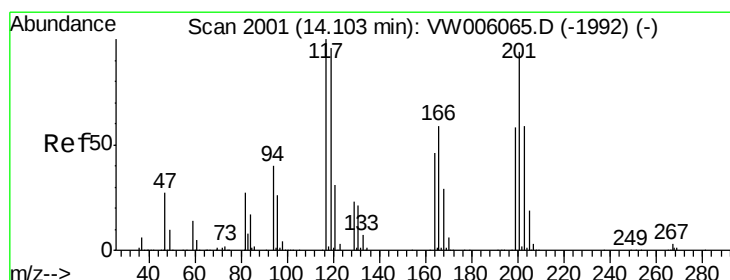
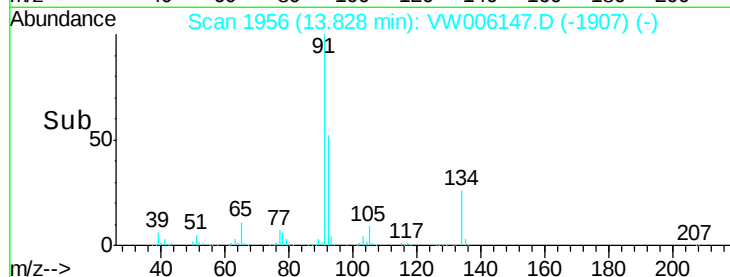
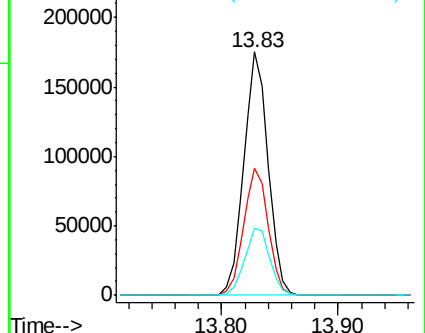
134 28.7 14.0 41.9



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: 18.74 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006147.D

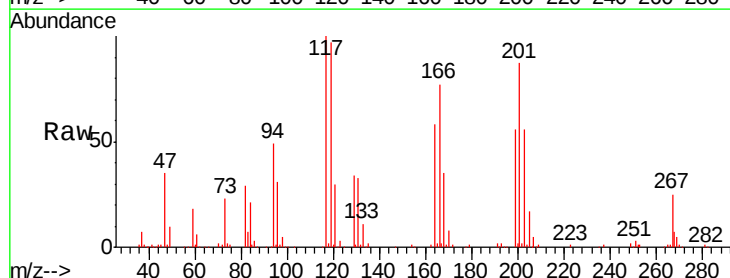
Acq: 18 Oct 2018 02:21

Tgt Ion: 117 Resp: 43765

Ion Ratio Lower Upper

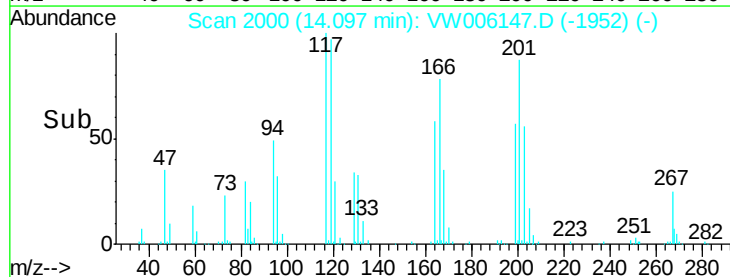
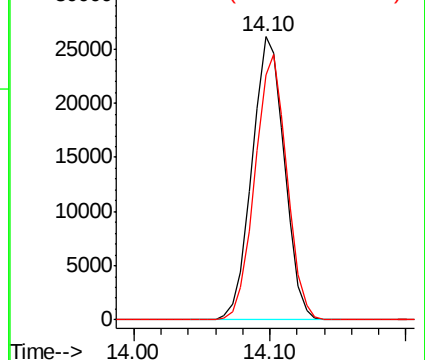
117 100

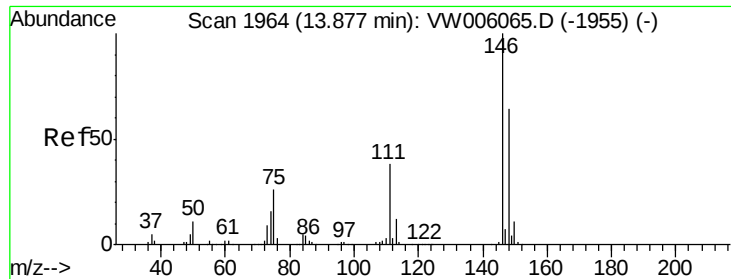
201 92.0 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.52 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD02

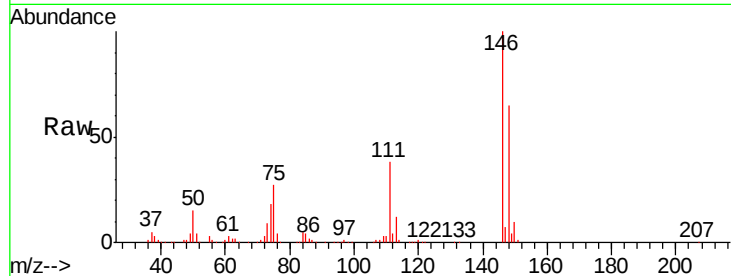
Tgt Ion:146 Resp: 133860

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

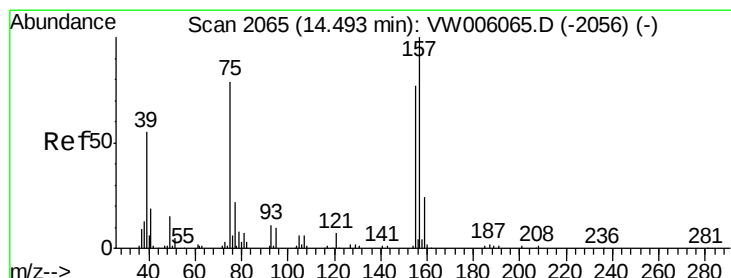
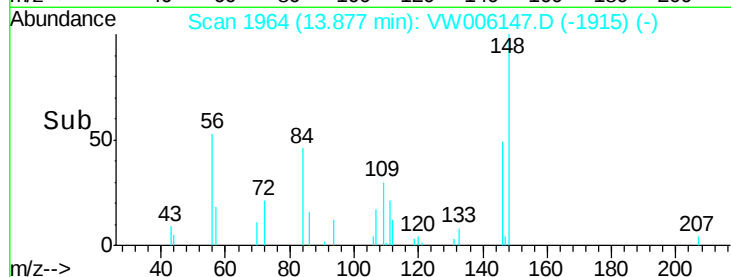
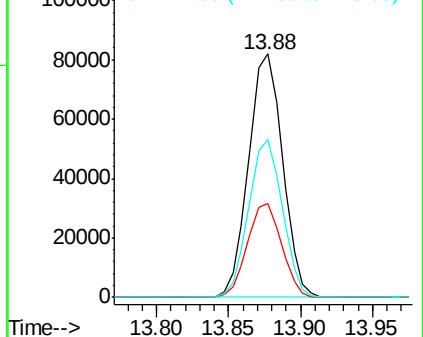
148 64.3 32.2 96.6



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: 21.15 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006147.D

Acq: 18 Oct 2018 02:21

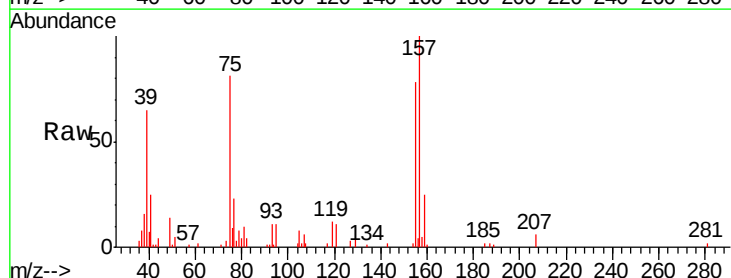
Tgt Ion: 75 Resp: 8239

Ion Ratio Lower Upper

75 100

155 90.1 46.5 139.5

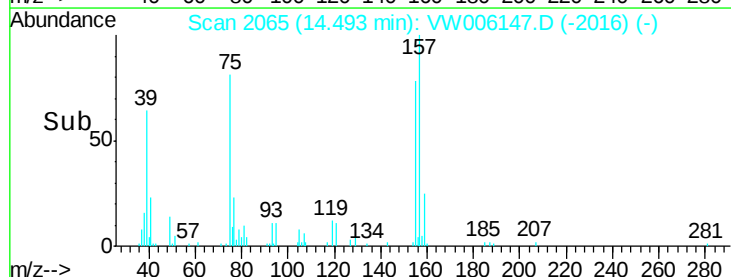
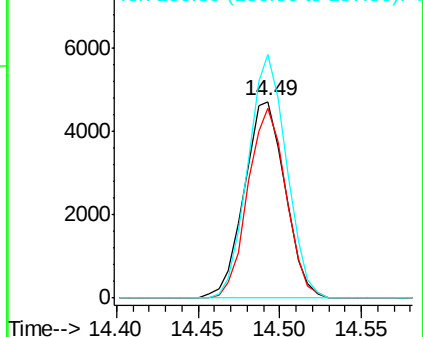
157 116.6 59.8 179.4

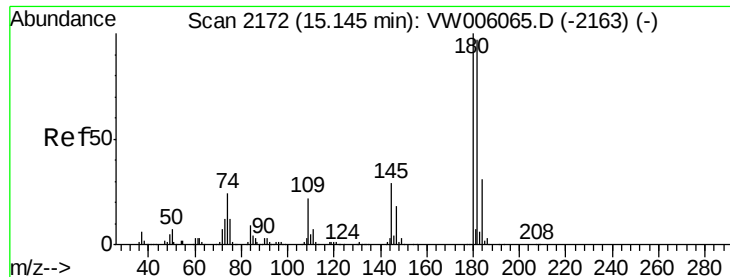


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

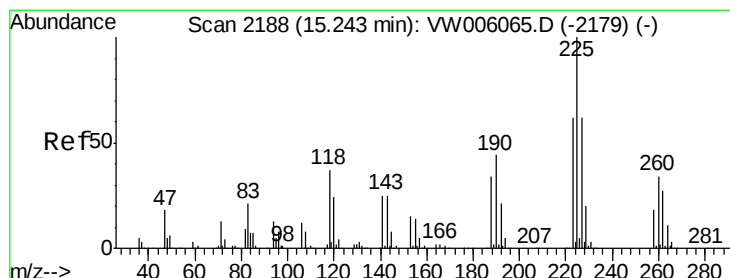
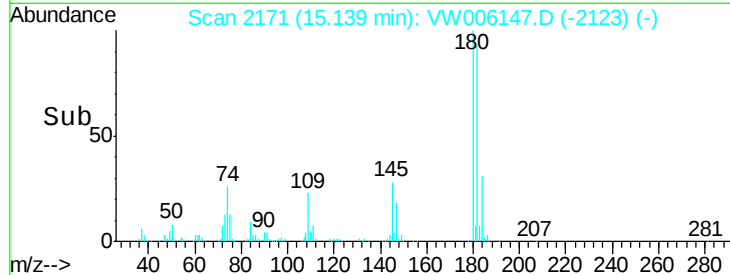
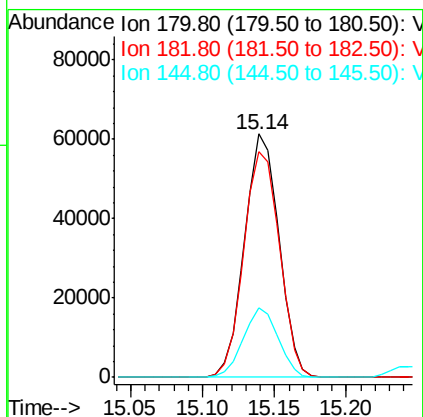
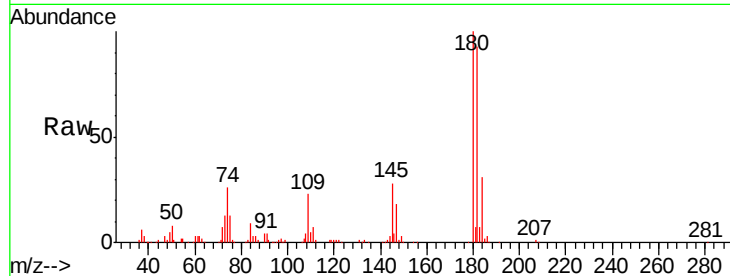




#93
 1,2,4-Trichlorobenzene
 Concen: 21.29 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

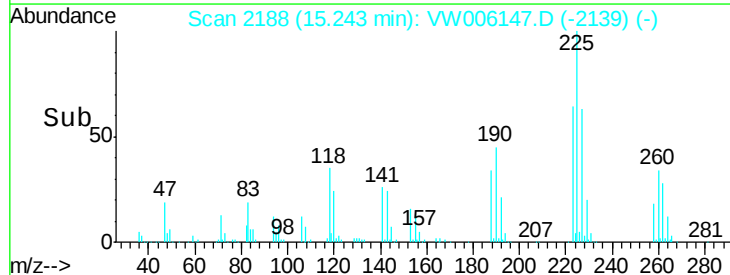
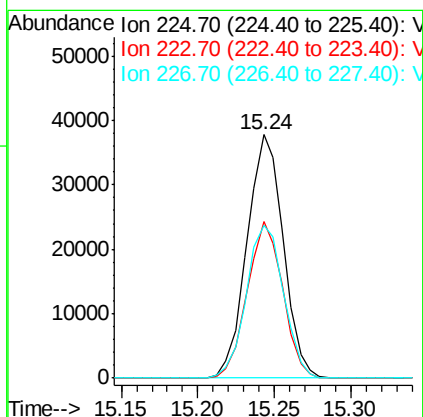
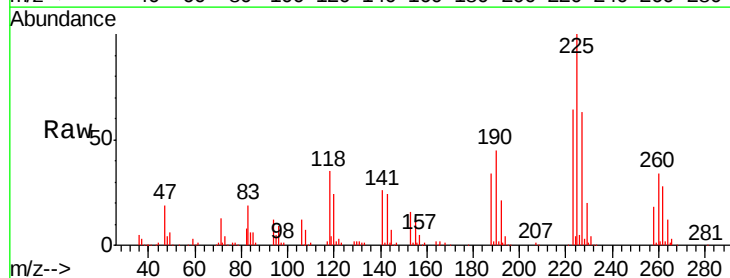
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD02

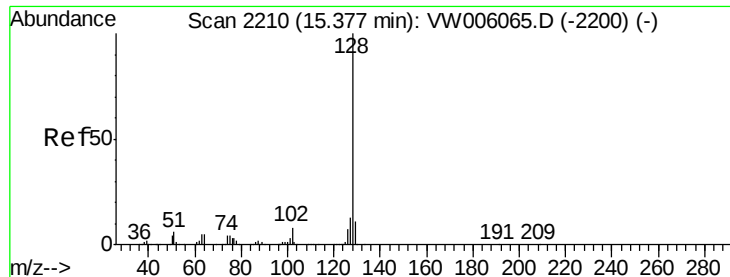
Tgt Ion:180 Resp: 101899
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.6
 145 28.7 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 20.68 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006147.D
 Acq: 18 Oct 2018 02:21

Tgt Ion:225 Resp: 62189
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.5
 227 64.3 32.4 97.0

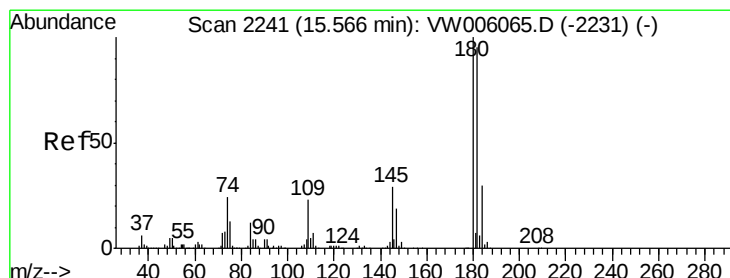
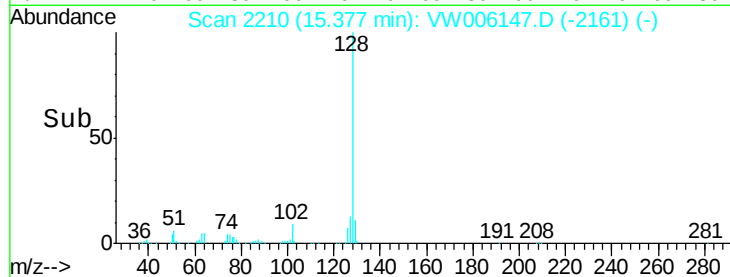
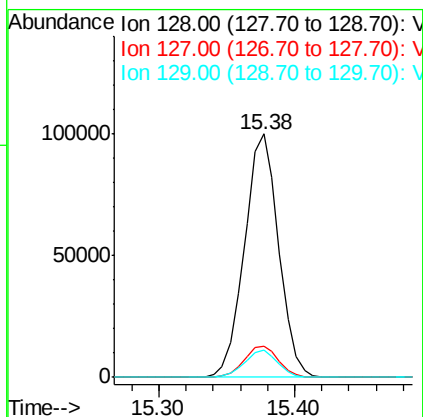
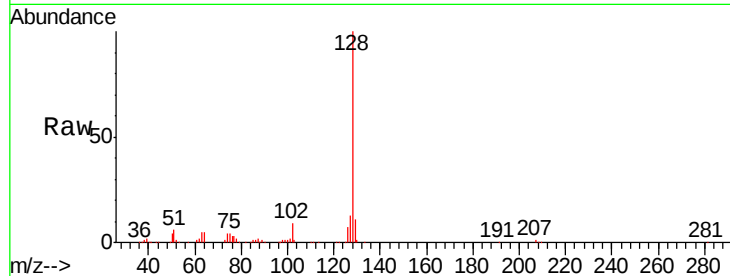




#95
Naphthalene
Concen: 22.04 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD02

Tgt Ion:128 Resp: 175476
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.70 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006147.D
Acq: 18 Oct 2018 02:21

Tgt Ion:180 Resp: 89855
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 30.8 15.0 45.1

