

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004149.D
 Acq On : 23 Jul 2018 20:23
 Operator : SY/AP
 Sample : J4026-07MSD
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:46:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138370	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.88	113	119326	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.33	98	461471	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	160614	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	44695	35.822	ug/l 98
3) Chloromethane	2.21	50	80662	49.116	ug/l 98
4) Vinyl Chloride	2.36	62	116698	51.661	ug/l 99
5) Bromomethane	2.77	94	67047	47.488	ug/l 95
6) Chloroethane	2.92	64	62318	48.555	ug/l 96
7) Trichlorofluoromethane	3.25	101	46506	49.039	ug/l 90
8) Diethyl Ether	3.67	74	64856	58.917	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	113906	52.051	ug/l 99
10) Methyl Iodide	4.26	142	162270	51.629	ug/l 99
11) Tert butyl alcohol	5.20	59	48350	282.014	ug/l 99
12) 1,1-Dichloroethene	4.03	96	115508	53.494	ug/l 98
13) Acrolein	3.89	56	28829	163.653	ug/l 97
14) Allyl chloride	4.66	41	188506	52.890	ug/l 98
15) Acrylonitrile	5.37	53	171490	304.019	ug/l 100
16) Acetone	4.13	43	183744	307.886	ug/l 99
17) Carbon Disulfide	4.37	76	362412	53.773	ug/l 98
18) Methyl Acetate	4.67	43	133905	93.473	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	254447	61.486	ug/l 99
20) Methylene Chloride	4.91	84	140253	53.832	ug/l 99
21) trans-1,2-Dichloroethene	5.41	96	128914	54.466	ug/l 96
22) Diisopropyl ether	6.31	45	429645	59.647	ug/l 96
23) Vinyl Acetate	6.26	43	885876	194.100	ug/l 100
24) 1,1-Dichloroethane	6.21	63	247290	56.265	ug/l 99
25) 2-Butanone	7.18	43	248163	309.002	ug/l 100
26) 2,2-Dichloropropane	7.17	77	117073	46.404	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	139371	54.471	ug/l 98
28) Bromochloromethane	7.51	49	97779	54.362	ug/l 97
29) Tetrahydrofuran	7.54	42	159205	318.246	ug/l 98
30) Chloroform	7.68	83	246880	56.471	ug/l 100
31) Cyclohexane	7.96	56	202740	49.209	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	182878	53.569	ug/l 99
36) 1,1-Dichloropropene	8.08	75	191828	52.600	ug/l 100
37) Ethyl Acetate	7.26	43	97869	55.637	ug/l 99
38) Carbon Tetrachloride	8.07	117	171691	50.384	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004149.D
 Acq On : 23 Jul 2018 20:23
 Operator : SY/AP
 Sample : J4026-07MSD
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:46:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189215	44.301	ug/l	96
40) Benzene	8.32	78	550073	54.366	ug/l	98
41) Methacrylonitrile	7.49	41	60735	62.313	ug/l	90
42) 1,2-Dichloroethane	8.40	62	171564	55.580	ug/l	100
43) Isopropyl Acetate	8.43	43	190131	57.790	ug/l	100
44) Trichloroethene	9.09	130	140664	53.633	ug/l	100
45) 1,2-Dichloropropane	9.37	63	145385	56.298	ug/l	99
46) Dibromomethane	9.46	93	76376	56.996	ug/l	99
47) Bromodichloromethane	9.65	83	182489	55.242	ug/l	98
48) Methyl methacrylate	9.44	41	99025	62.236	ug/l	98
49) 1,4-Dioxane	9.46	88	25209	1223.841	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	545585	311.263	ug/l	100
52) Toluene	10.39	92	337165	53.889	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	183507	53.121	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	206622	52.285	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107957	57.282	ug/l	99
56) Ethyl methacrylate	10.65	69	142213	52.592	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188527	57.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	322113	288.104	ug/l	99
59) 2-Hexanone	10.98	43	385705	312.209	ug/l	100
60) Dibromochloromethane	11.13	129	124101	56.544	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103577	57.759	ug/l	99
64) Tetrachloroethene	10.87	164	152314	67.539	ug/l	98
65) Chlorobenzene	11.66	112	361637	51.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130129	53.580	ug/l	99
67) Ethyl Benzene	11.74	91	635247	51.742	ug/l	99
68) m/p-Xylenes	11.84	106	482943	102.920	ug/l	99
69) o-Xylene	12.17	106	227859	52.348	ug/l	100
70) Styrene	12.19	104	383372	52.731	ug/l	100
71) Bromoform	12.35	173	76821	56.023	ug/l #	99
73) Isopropylbenzene	12.47	105	590576	52.301	ug/l	100
74) N-amyl acetate	12.28	43	135259	45.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132498	60.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	170596	107.532	ug/l #	100
77) Bromobenzene	12.75	156	146341	54.160	ug/l	97
78) n-propylbenzene	12.81	91	713690	51.518	ug/l	100
79) 2-Chlorotoluene	12.90	91	417504	53.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	493458	51.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35436	49.408	ug/l	96
82) 4-Chlorotoluene	12.99	91	442306	52.750	ug/l	100
83) tert-Butylbenzene	13.21	119	400219	50.164	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	513361	52.508	ug/l	100
85) sec-Butylbenzene	13.39	105	564520	47.689	ug/l	100
86) p-Isopropyltoluene	13.51	119	501732	48.321	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	275128	50.981	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	274317	50.685	ug/l	100
89) n-Butylbenzene	13.83	91	451534	44.236	ug/l	100
90) Hexachloroethane	14.10	117	89578	46.801	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	253692	52.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23588	60.743	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004149.D
Acq On : 23 Jul 2018 20:23
Operator : SY/AP
Sample : J4026-07MSD
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 24 04:46:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

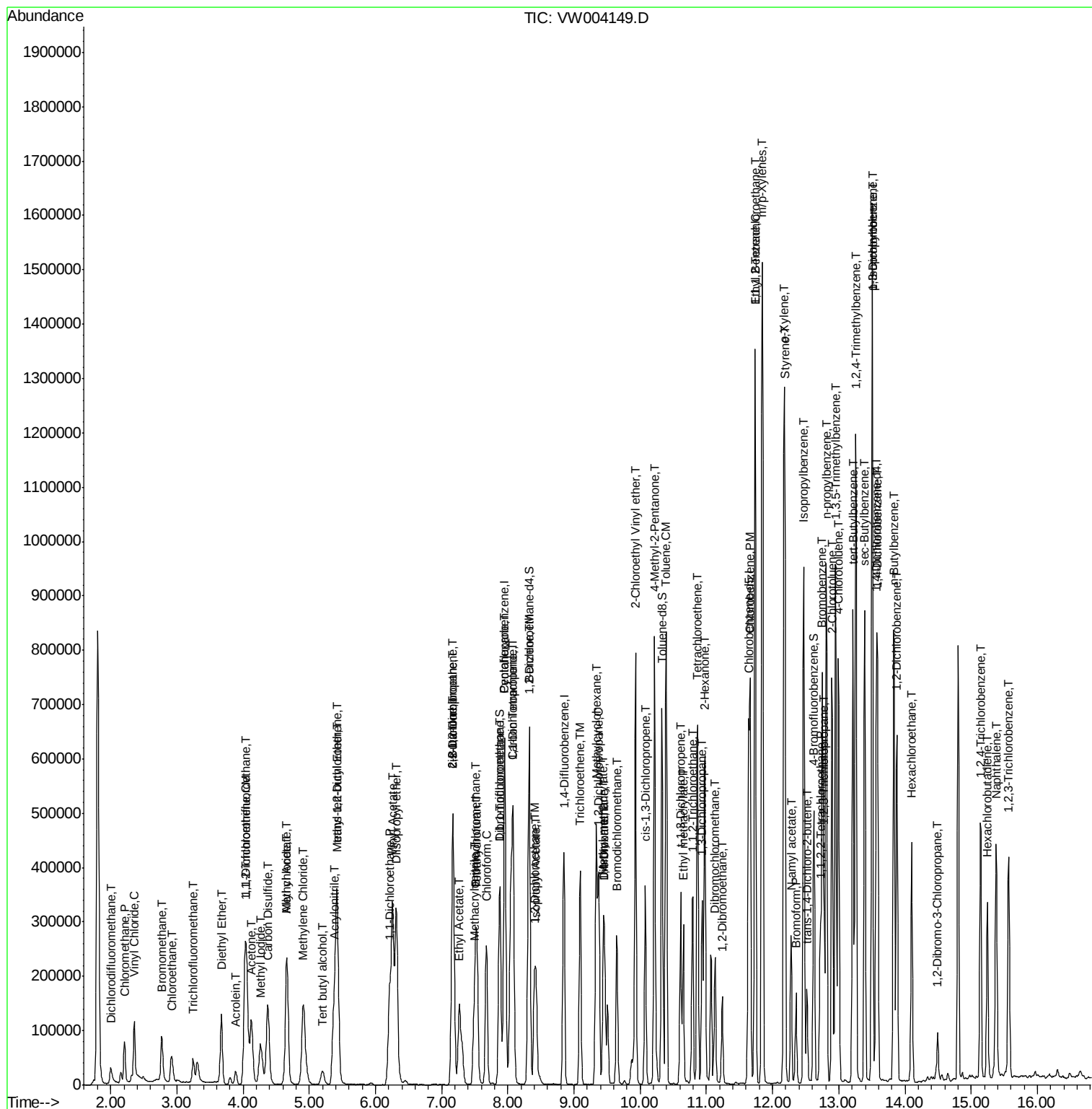
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	152295	45.099	ug/l	98
94) Hexachlorobutadiene	15.24	225	62555	32.260	ug/l	98
95) Naphthalene	15.38	128	362060	58.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	138770	46.415	ug/l	99

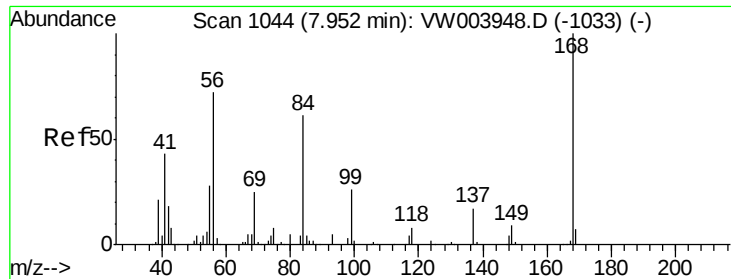
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004149.D
Acq On : 23 Jul 2018 20:23
Operator : SY/AP
Sample : J4026-07MSD
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Jul 24 04:46:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

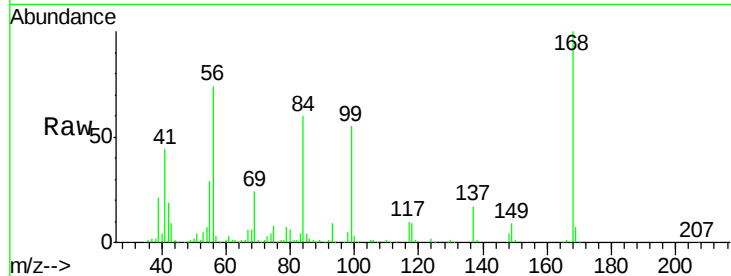
ClientSampleId :

Tot Ion:168 Resp: 222181

Ion Ratio Lower Upper

168 100

99 54.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

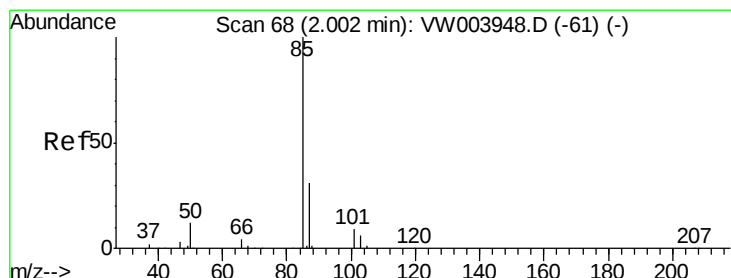
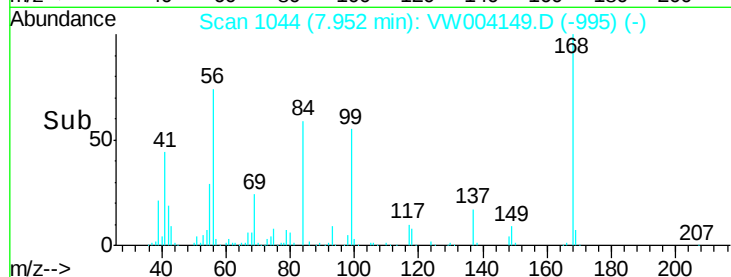
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 35.822 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004149.D

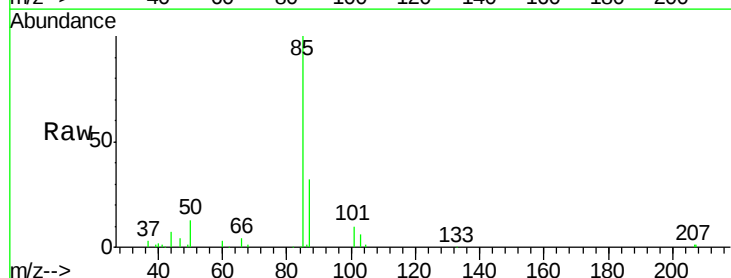
Acq: 23 Jul 2018 20:23

Tgt Ion: 85 Resp: 44695

Ion Ratio Lower Upper

85 100

87 31.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

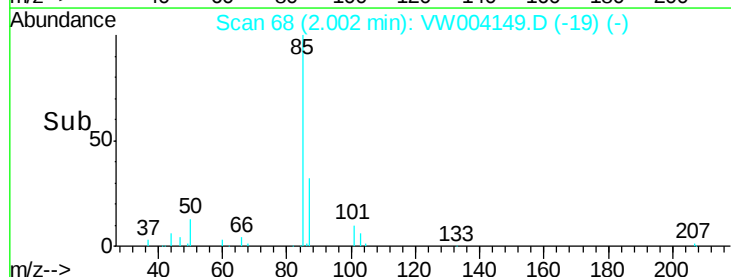
15000

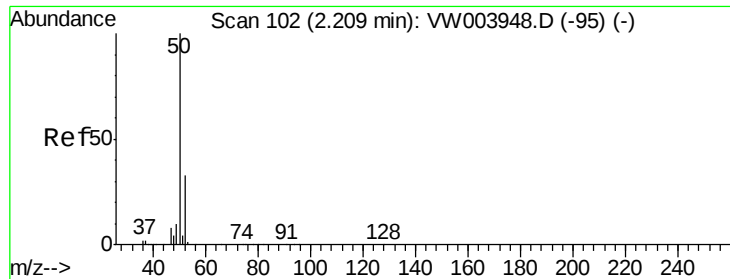
10000

5000

0

Time-->

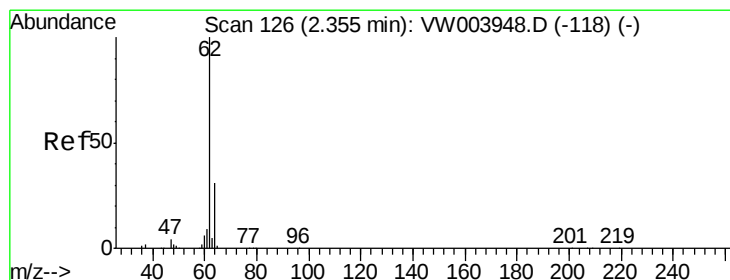
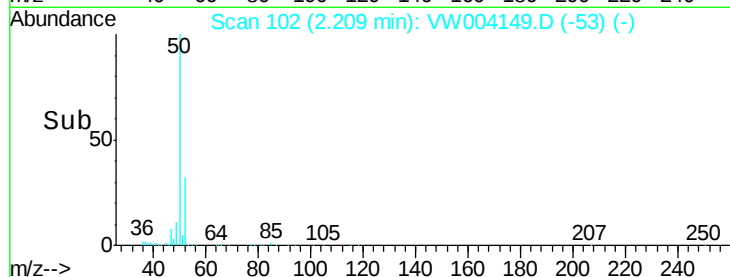
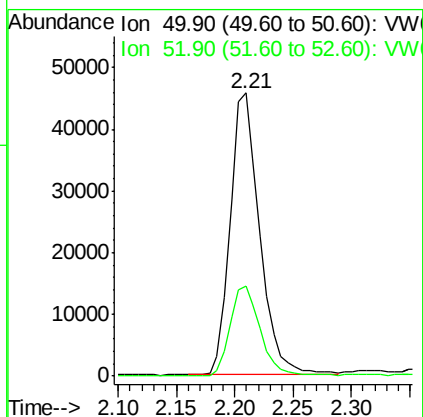
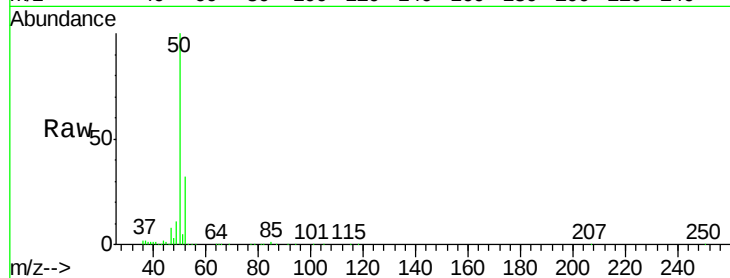




#3
Chloromethane
Concen: 49.116 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

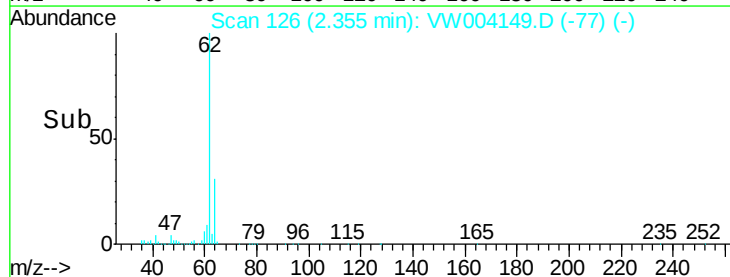
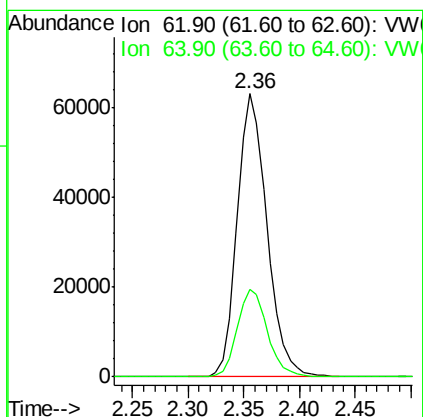
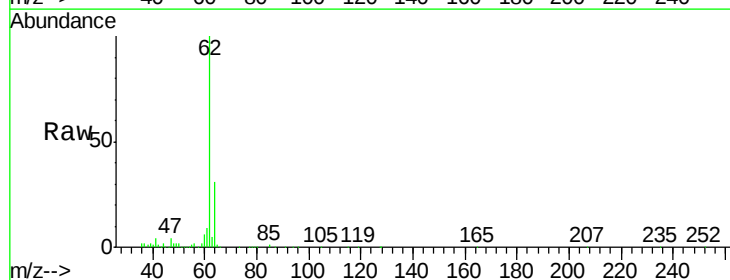
Instrument :
MSVOA_W
ClientSampled :

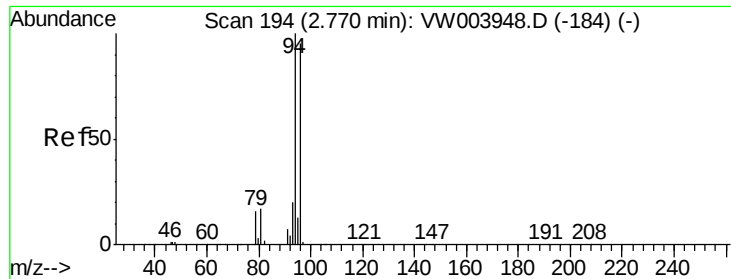
Tot Ion: 50 Resp: 80662
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5



#4
Vinyl Chloride
Concen: 51.661 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 62 Resp: 116698
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6





#5

Bromomethane

Concen: 47.488 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

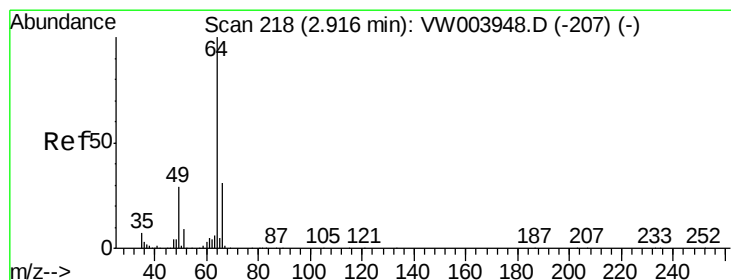
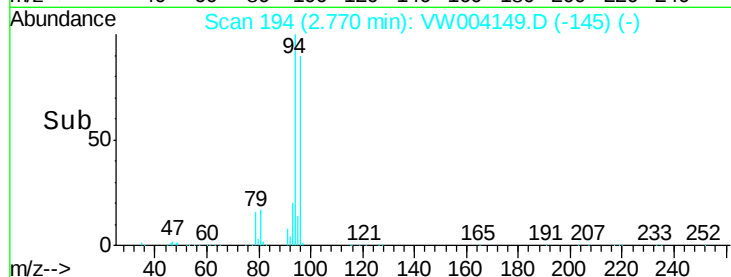
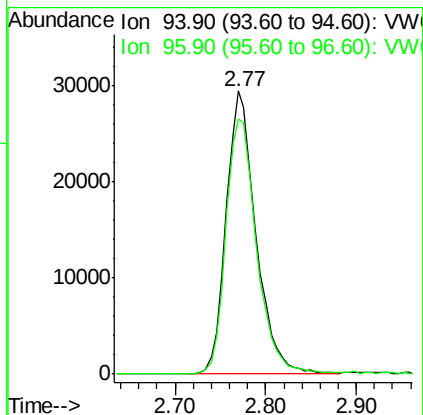
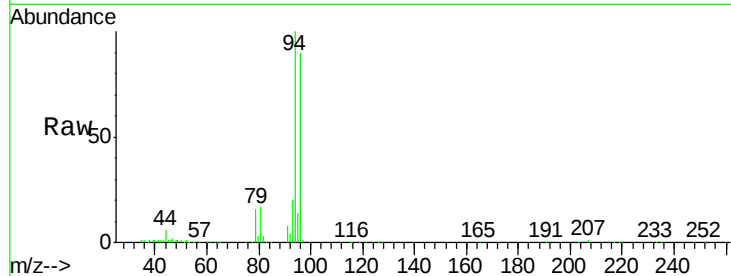
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 67047

Ion Ratio Lower Upper

94 100

96 89.9 75.8 113.6



#6

Chloroethane

Concen: 48.555 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004149.D

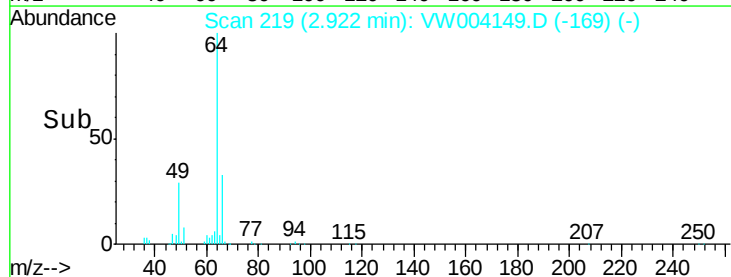
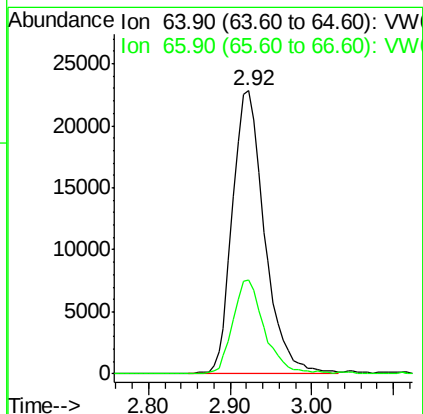
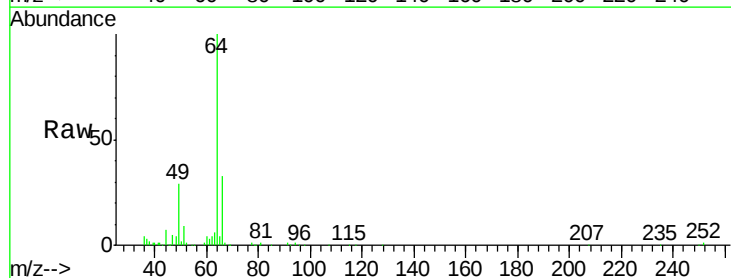
Acq: 23 Jul 2018 20:23

Tgt Ion: 64 Resp: 62318

Ion Ratio Lower Upper

64 100

66 33.1 24.5 36.7



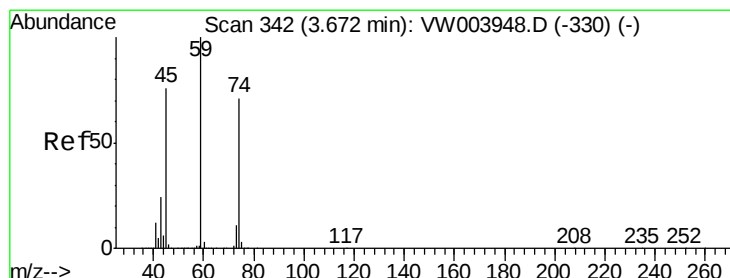
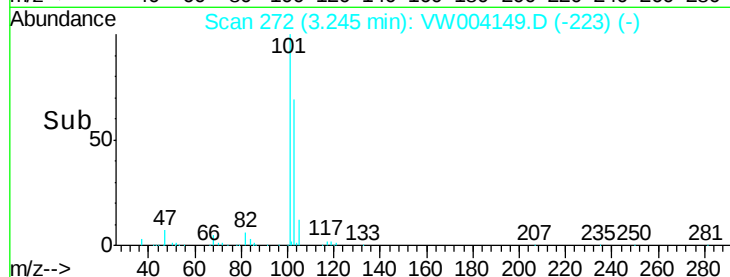
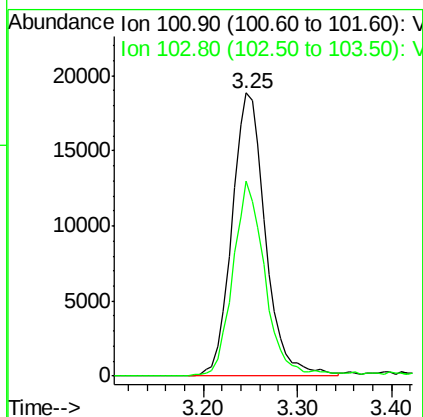
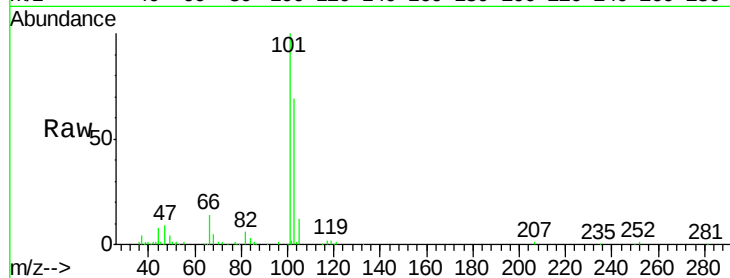


#7

Trichlorofluoromethane
 Concen: 49.039 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampled :

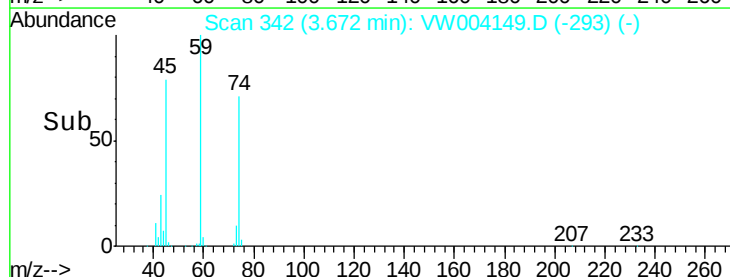
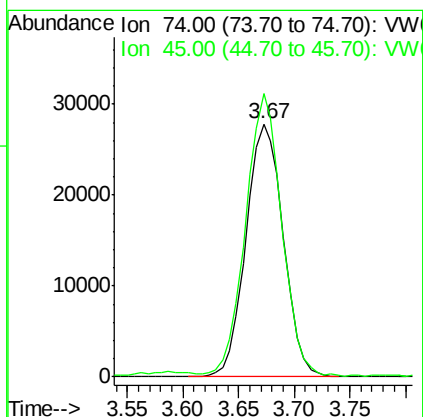
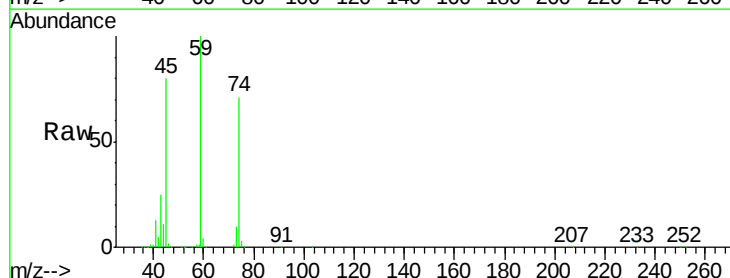
Tot Ion:101 Resp: 46506
 Ion Ratio Lower Upper
 101 100
 103 69.1 49.0 73.6

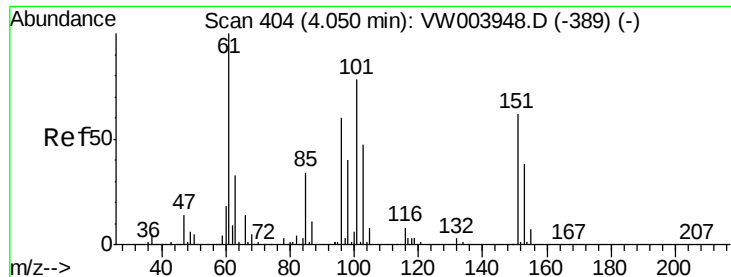


#8

Diethyl Ether
 Concen: 58.917 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 74 Resp: 64856
 Ion Ratio Lower Upper
 74 100
 45 108.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.051 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

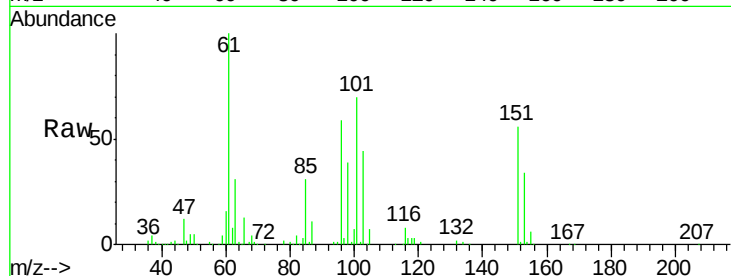
Tot Ion:101 Resp: 113906

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.6

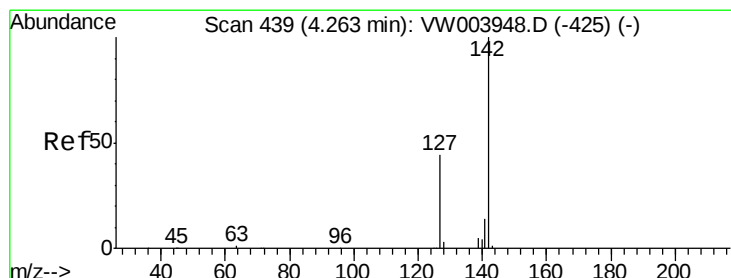
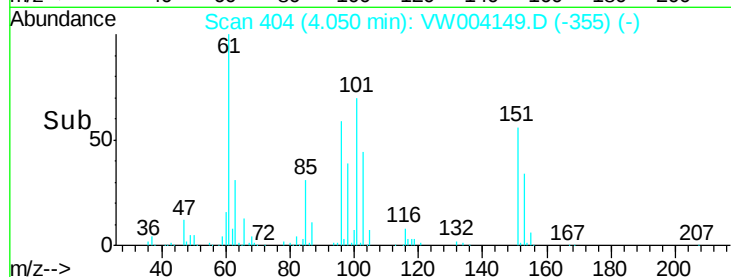
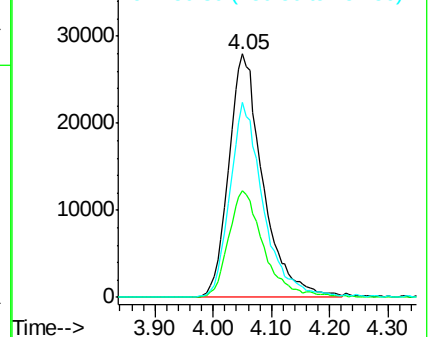
151 78.3 63.6 95.4



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: 51.629 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

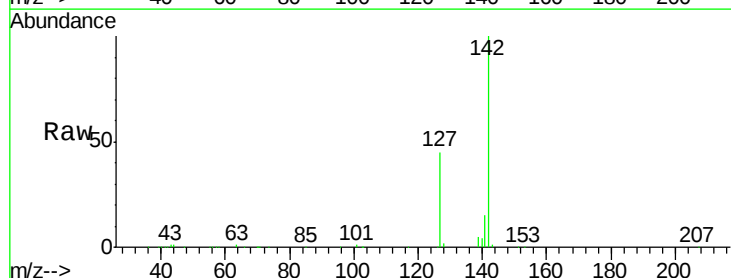
Tgt Ion:142 Resp: 162270

Ion Ratio Lower Upper

142 100

127 44.7 35.4 53.2

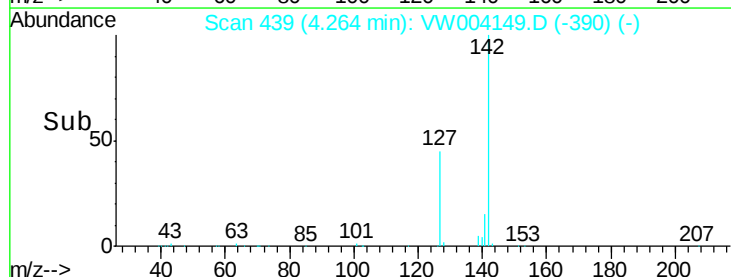
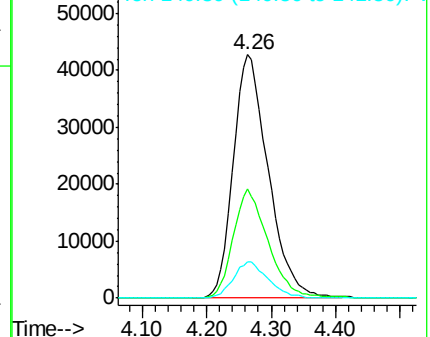
141 14.8 11.7 17.5

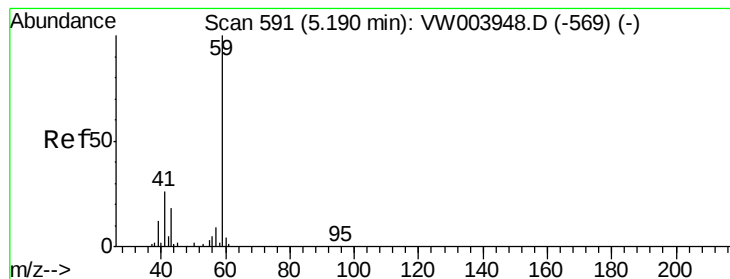


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



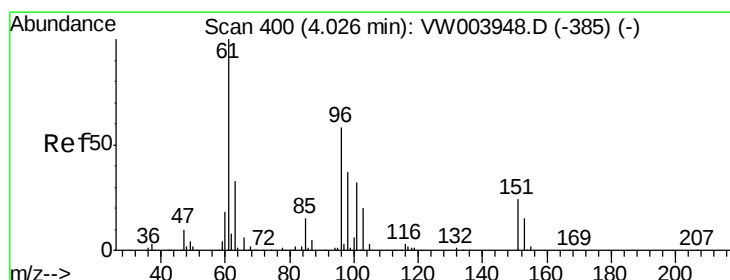
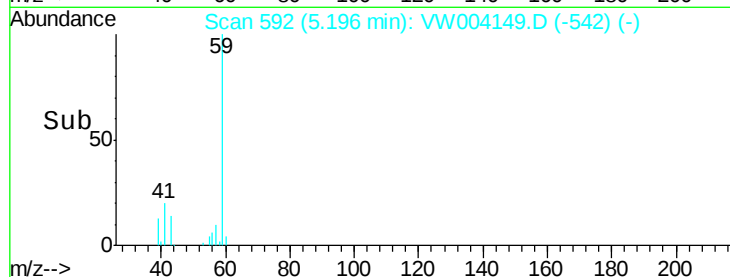
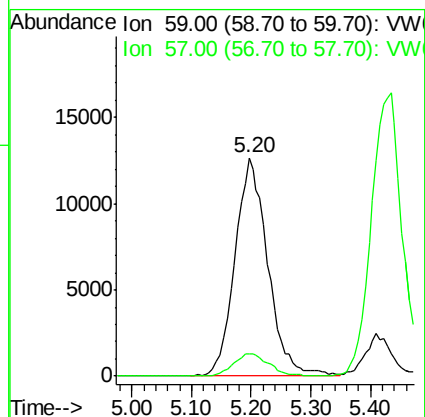
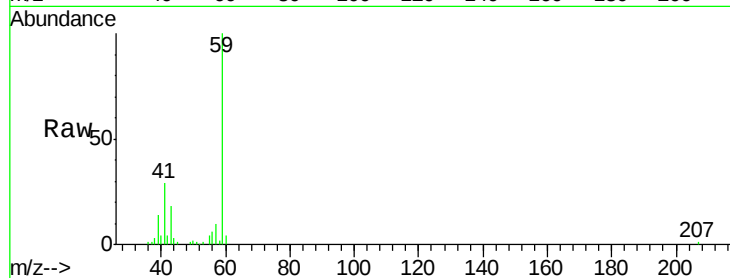


#11

Tert butyl alcohol
Concen: 282.014 ug/l
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :

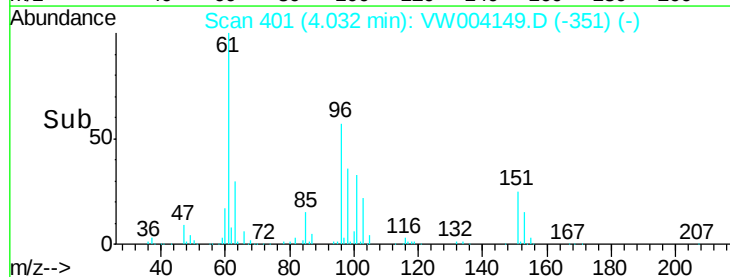
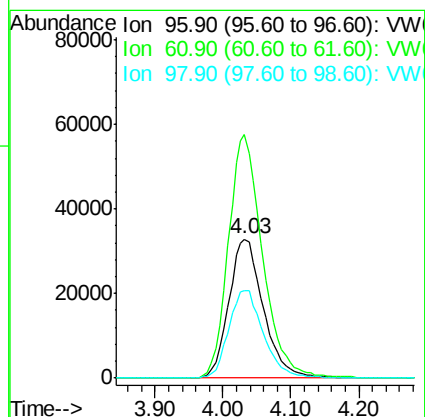
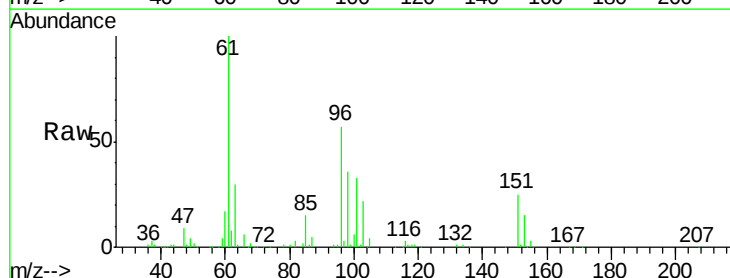
Tot Ion: 59 Resp: 48350
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

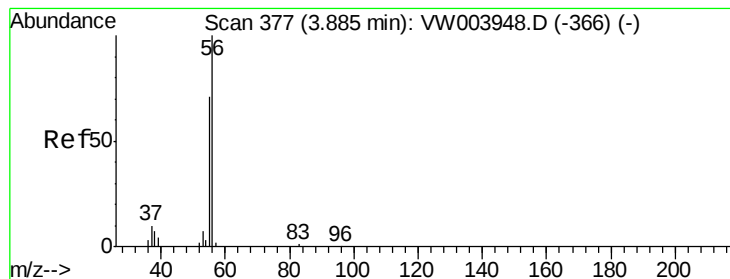


#12

1,1-Dichloroethene
Concen: 53.494 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 96 Resp: 115508
Ion Ratio Lower Upper
96 100
61 175.3 137.0 205.6
98 62.8 50.2 75.4





#13

Acrolein

Concen: 163.653 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

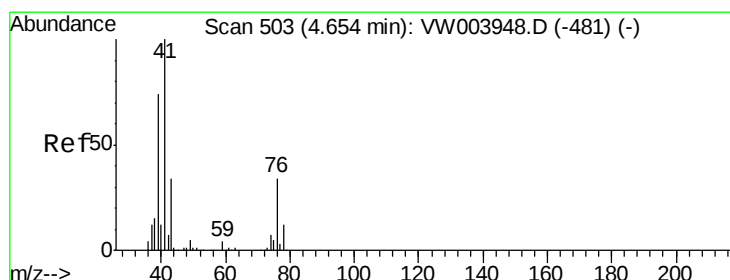
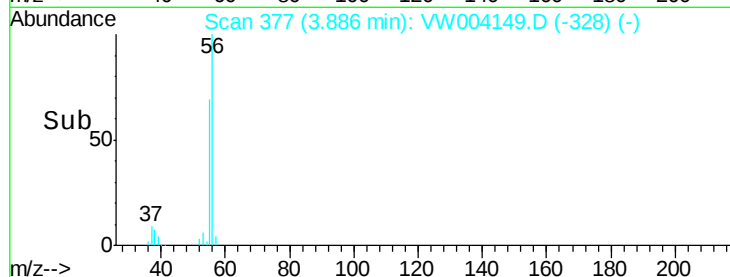
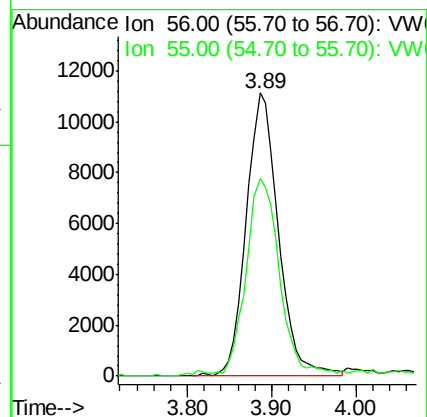
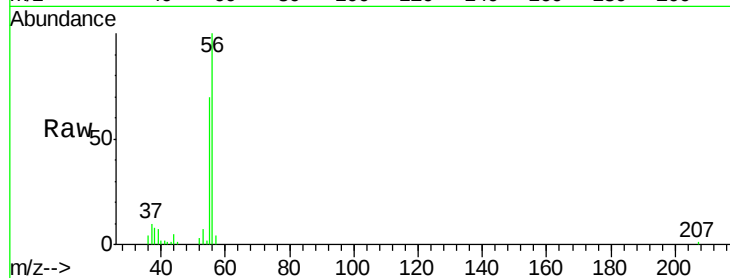
ClientSampled :

Tot Ion: 56 Resp: 28829

Ion Ratio Lower Upper

56 100

55 70.6 58.2 87.4



#14

Allyl chloride

Concen: 52.890 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

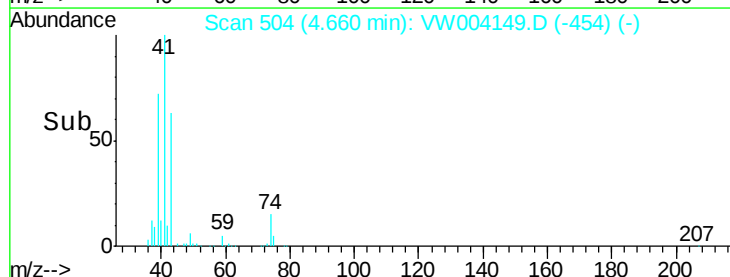
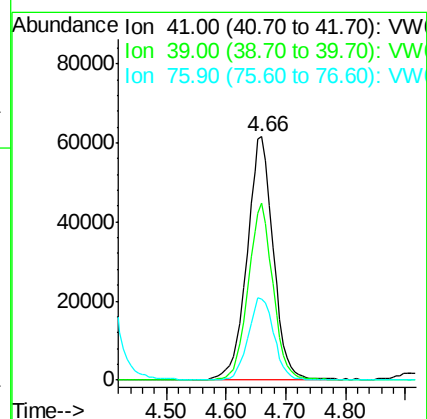
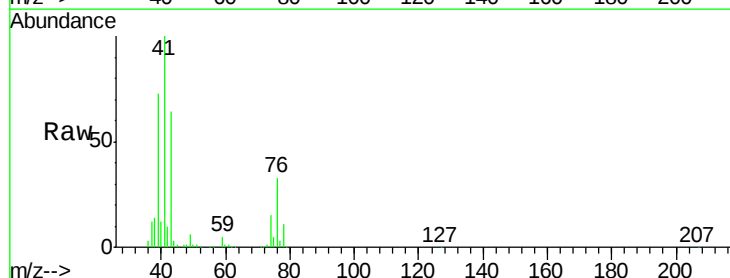
Tgt Ion: 41 Resp: 188506

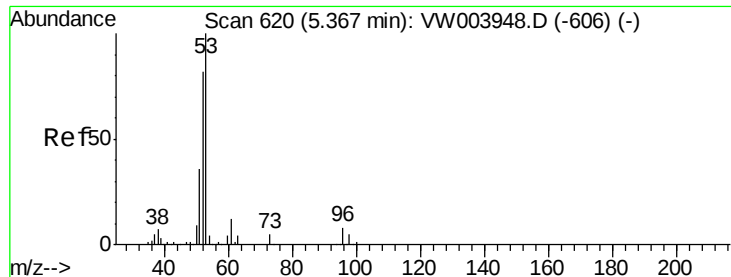
Ion Ratio Lower Upper

41 100

39 68.7 57.0 85.4

76 32.9 26.5 39.7





#15

Acrylonitrile

Concen: 304.019 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :

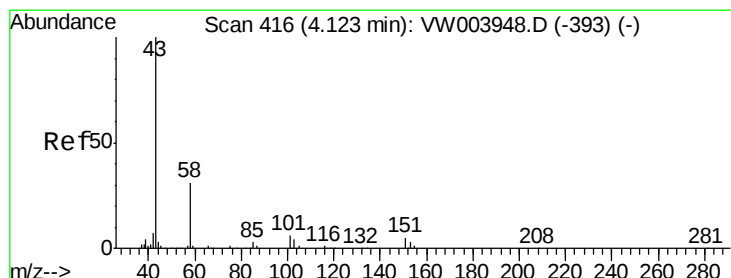
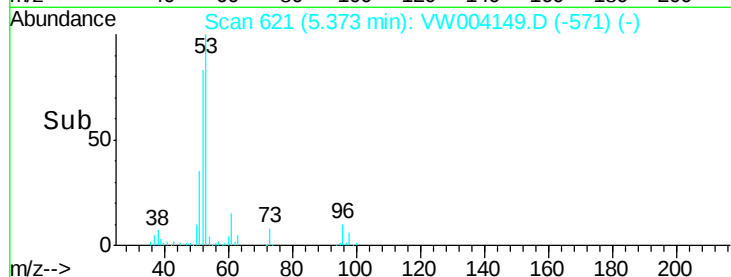
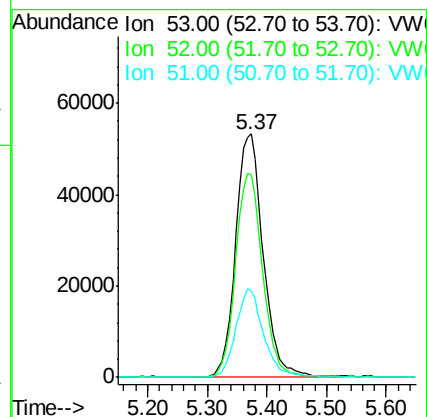
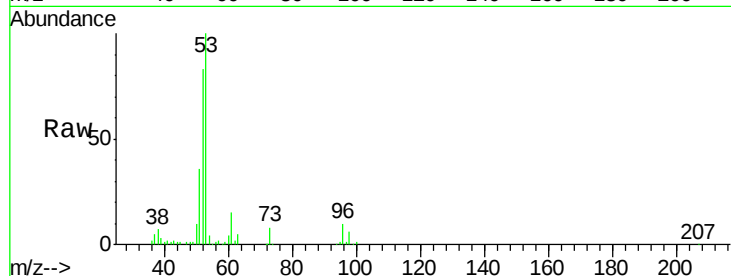
Tot Ion: 53 Resp: 171490

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 36.6 29.8 44.6



#16

Acetone

Concen: 307.886 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004149.D

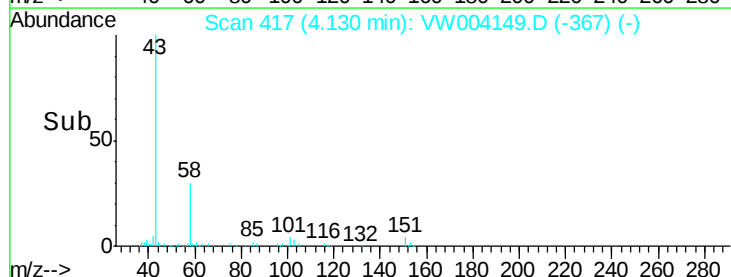
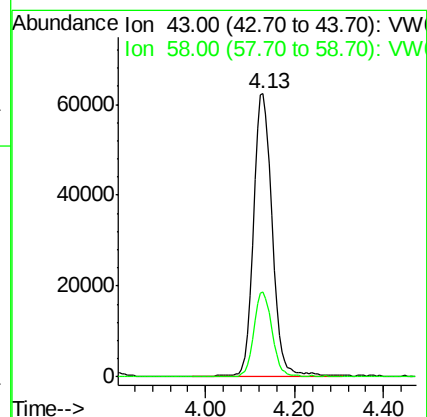
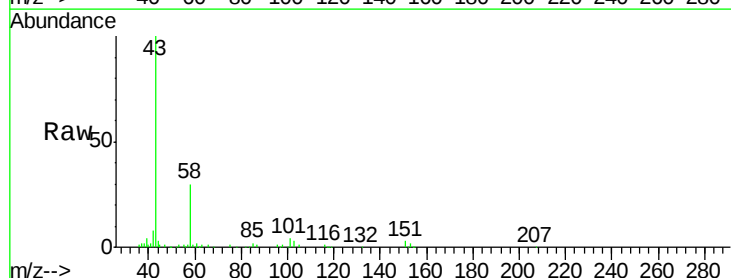
Acq: 23 Jul 2018 20:23

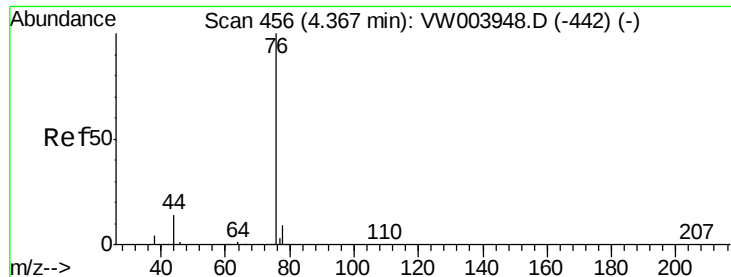
Tgt Ion: 43 Resp: 183744

Ion Ratio Lower Upper

43 100

58 30.0 24.5 36.7





#17

Carbon Disulfide

Concen: 53.773 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

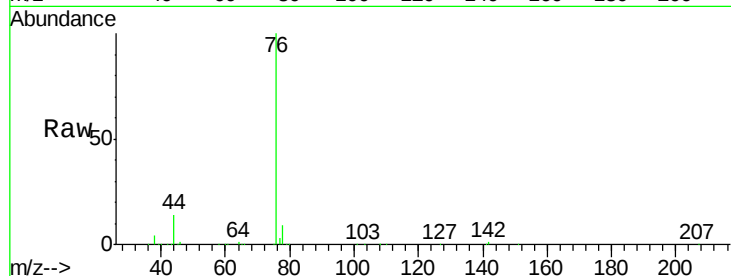
ClientSampleId :

Tot Ion: 76 Resp: 362412

Ion Ratio Lower Upper

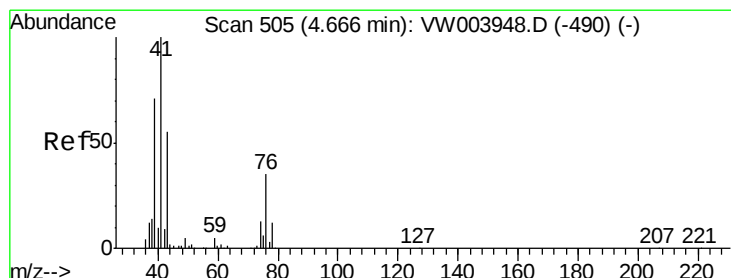
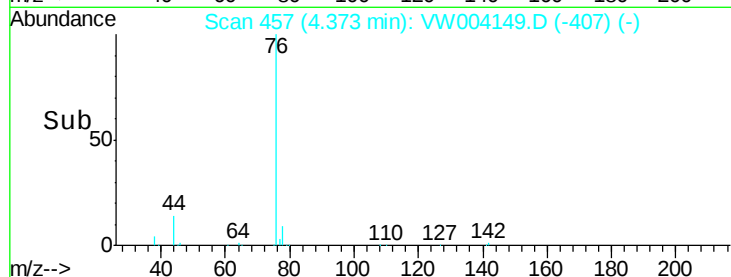
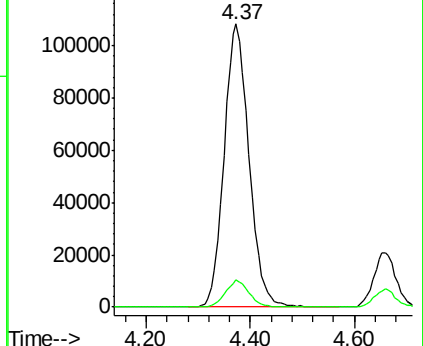
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 93.473 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004149.D

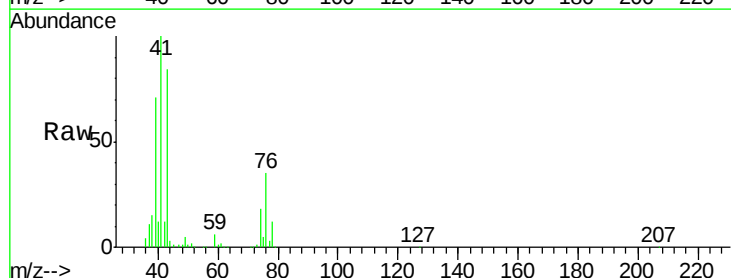
Acq: 23 Jul 2018 20:23

Tgt Ion: 43 Resp: 133905

Ion Ratio Lower Upper

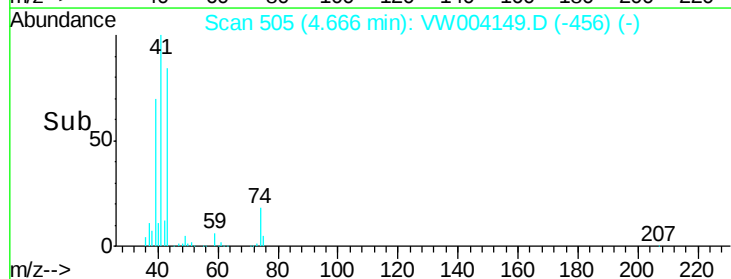
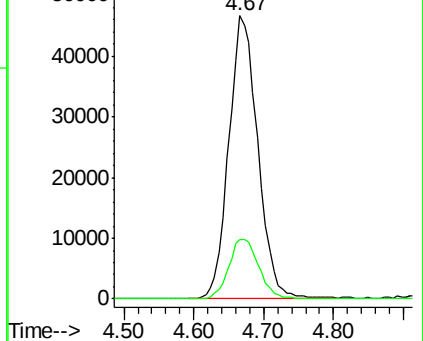
43 100

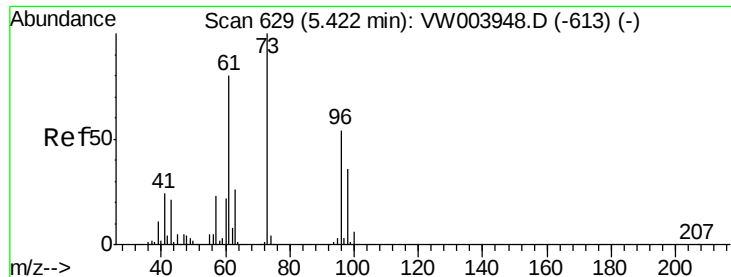
74 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

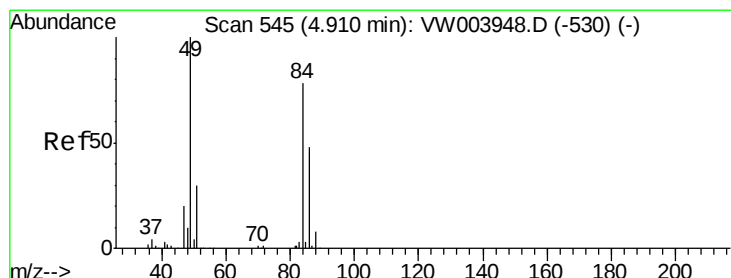
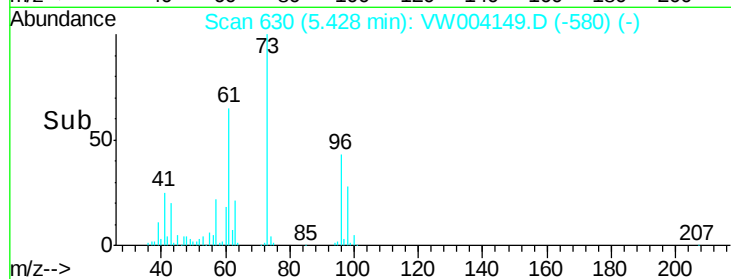
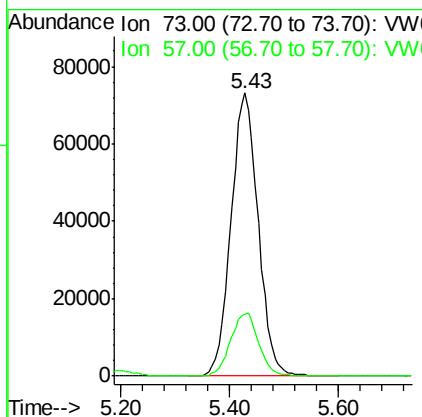
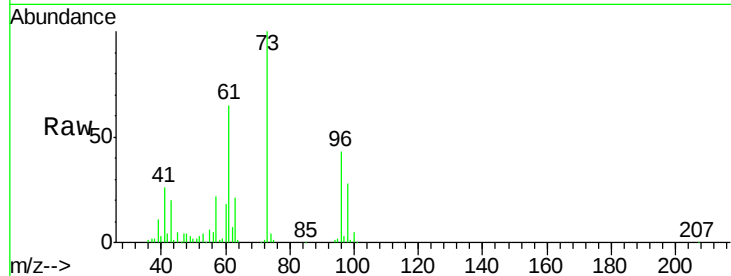




#19
Methvl tert-butvl Ether
Concen: 61.486 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

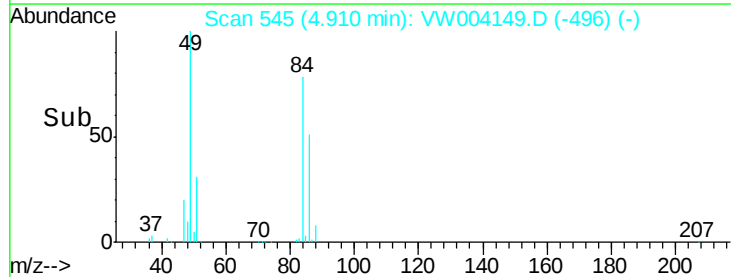
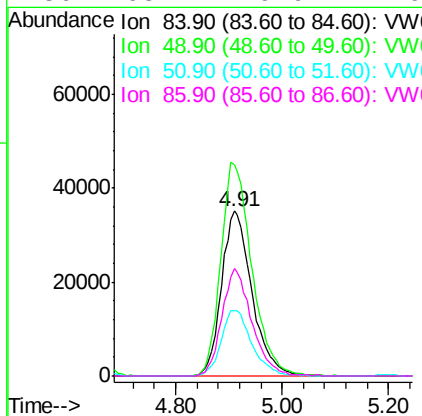
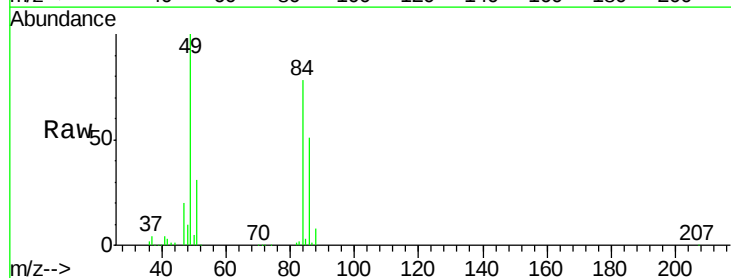
Instrument :
MSVOA_W
ClientSampleId :

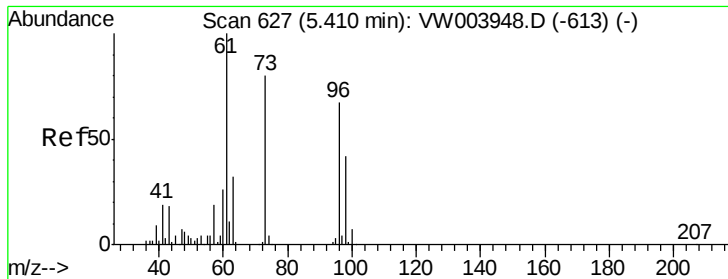
Tot Ion: 73 Resp: 254447
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 53.832 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 84 Resp: 140253
Ion Ratio Lower Upper
84 100
49 128.6 102.9 154.3
51 39.6 30.9 46.3
86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 54.466 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

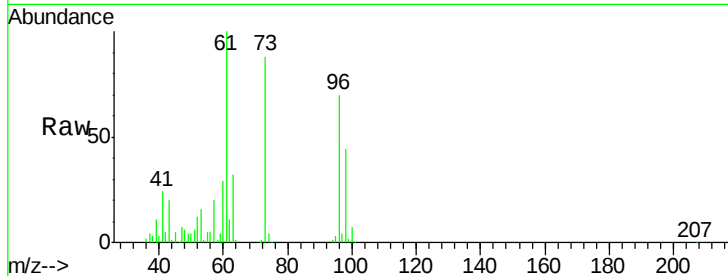
Tot Ion: 96 Resp: 128914

Ion Ratio Lower Upper

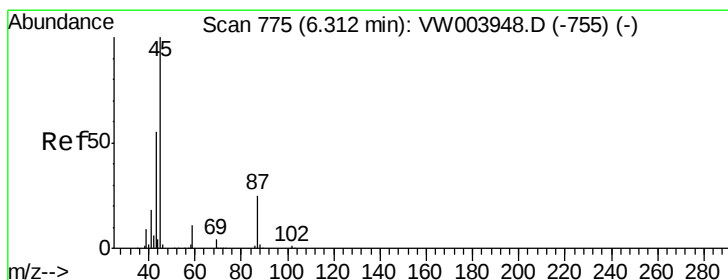
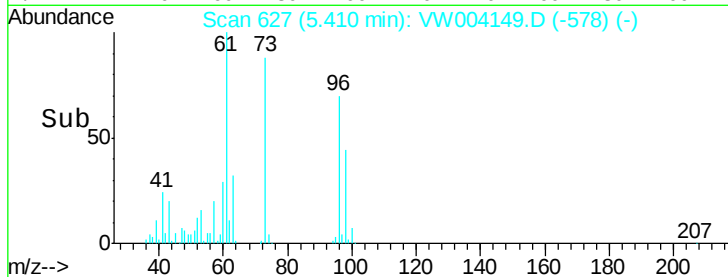
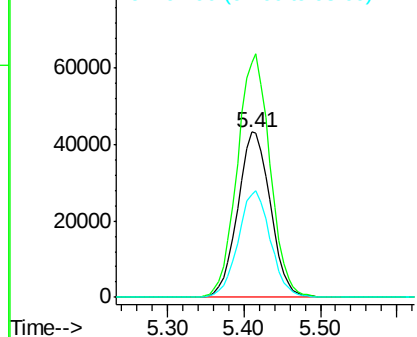
96 100

61 141.8 119.0 178.4

98 62.0 49.9 74.9



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



#22

Diisopropyl ether

Concen: 59.647 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion: 45 Resp: 429645

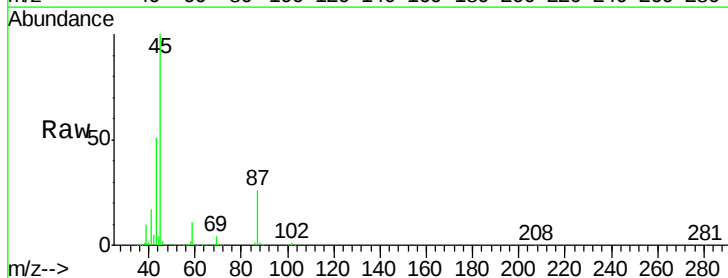
Ion Ratio Lower Upper

45 100

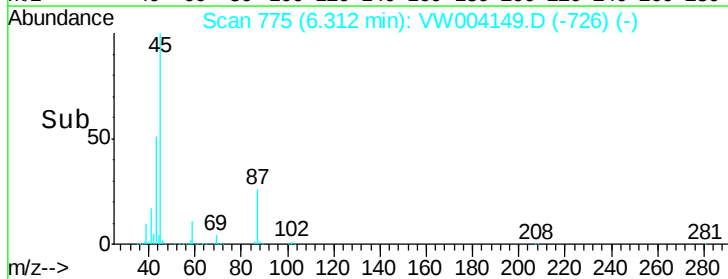
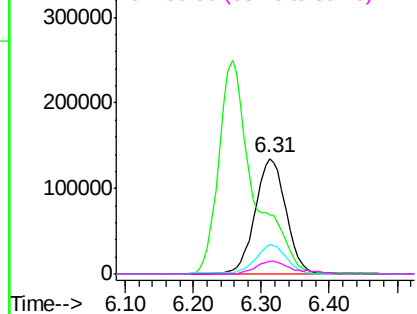
43 50.9 44.3 66.5

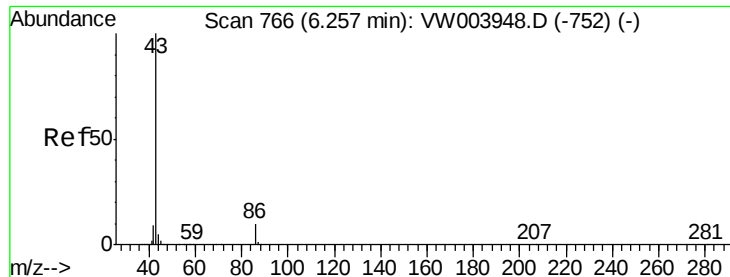
87 25.4 20.2 30.4

59 10.5 9.0 13.4



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





#23

Vinyl Acetate

Concen: 194.100 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

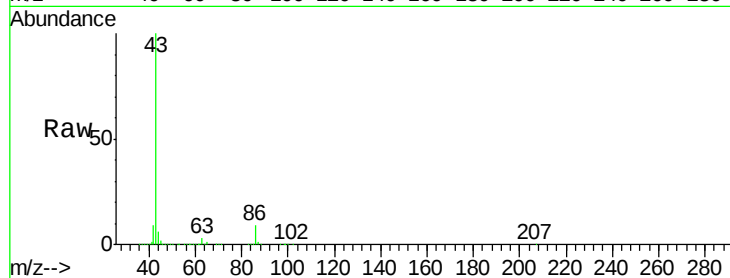
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 885876

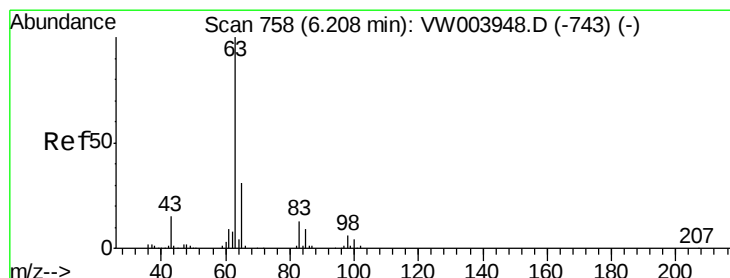
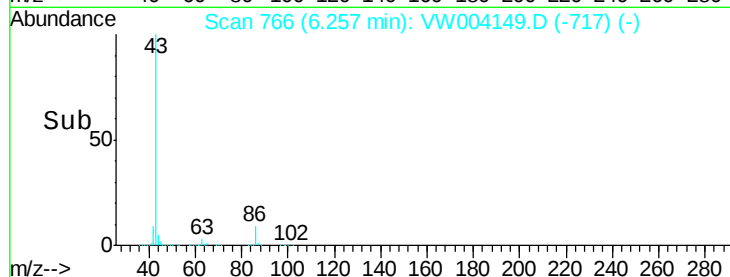
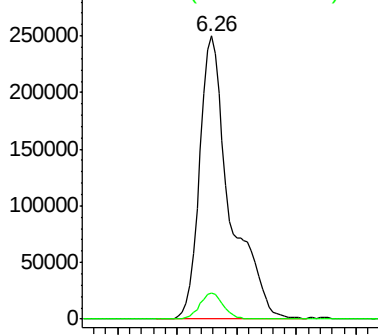
Ion Ratio Lower Upper

43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 56.265 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

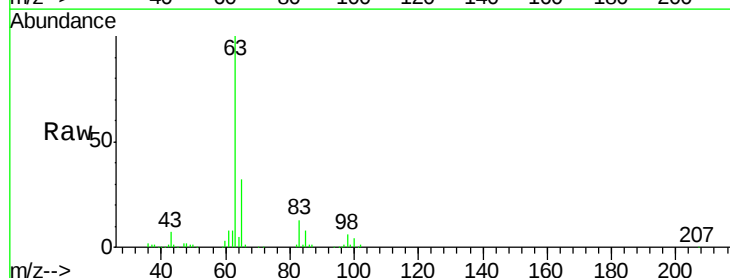
Tgt Ion: 63 Resp: 247290

Ion Ratio Lower Upper

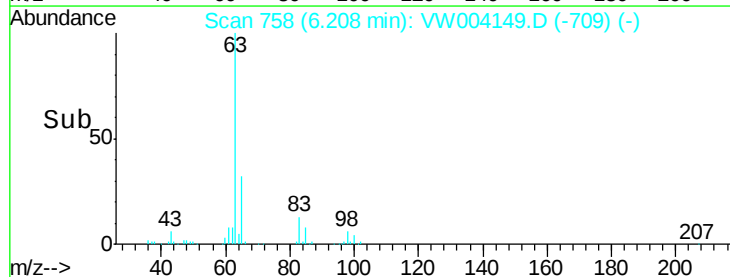
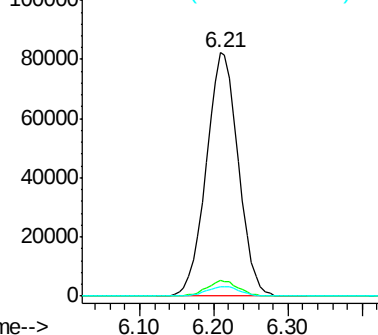
63 100

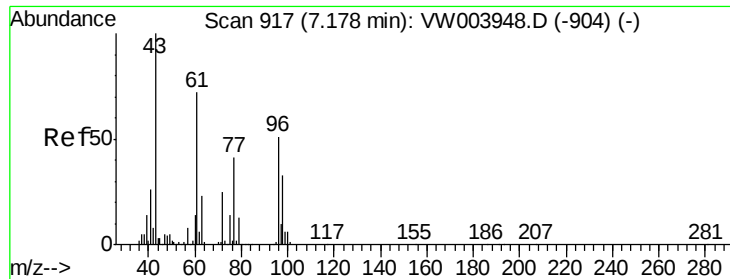
98 6.4 3.1 9.4

100 3.7 2.1 6.5



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: 309.002 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

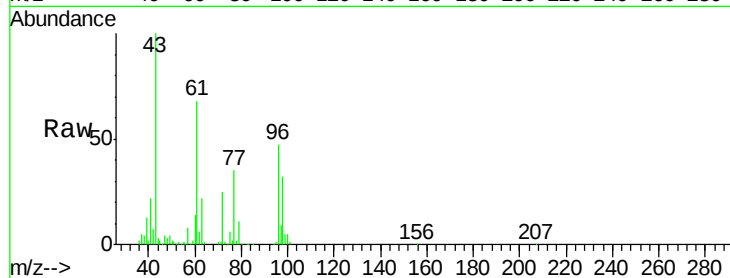
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 248163

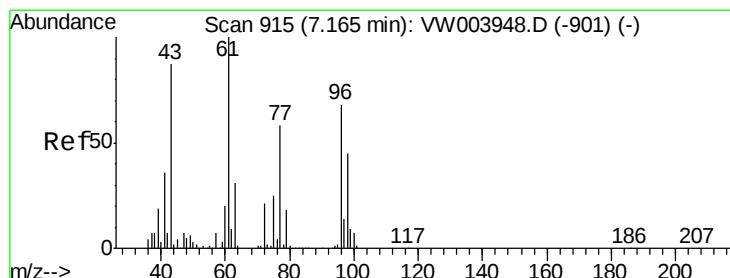
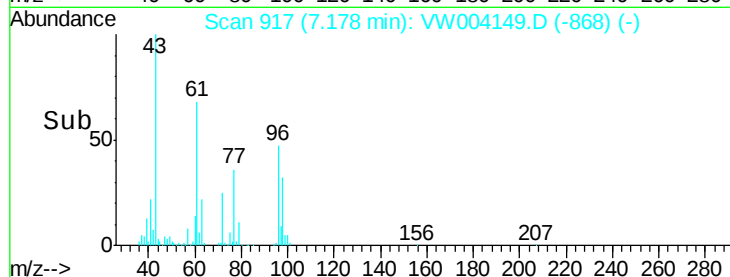
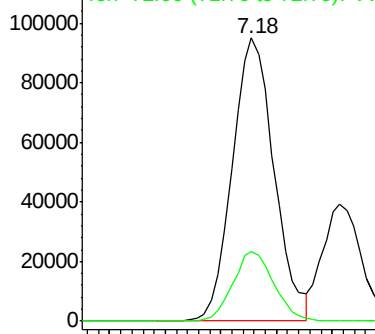
Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 46.404 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004149.D

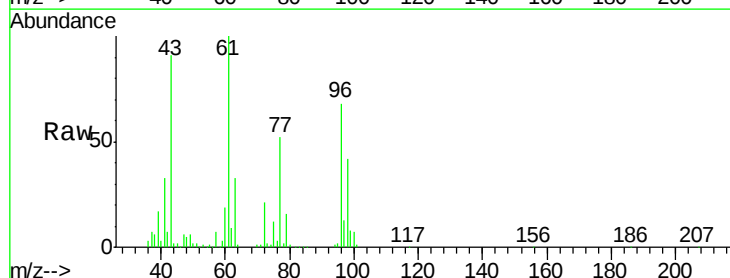
Acq: 23 Jul 2018 20:23

Tgt Ion: 77 Resp: 117073

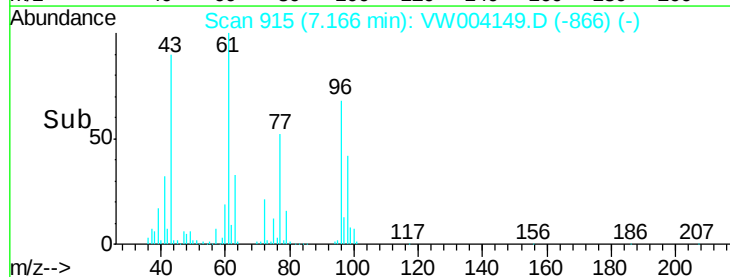
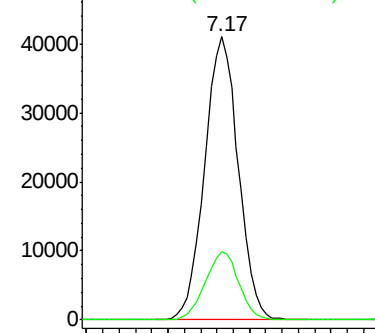
Ion Ratio Lower Upper

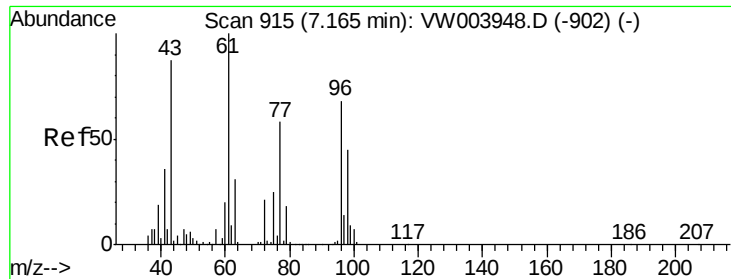
77 100

97 24.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



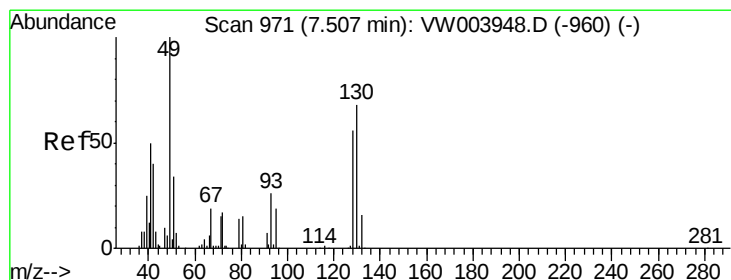
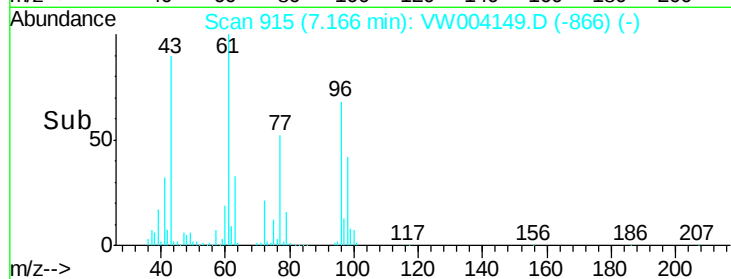
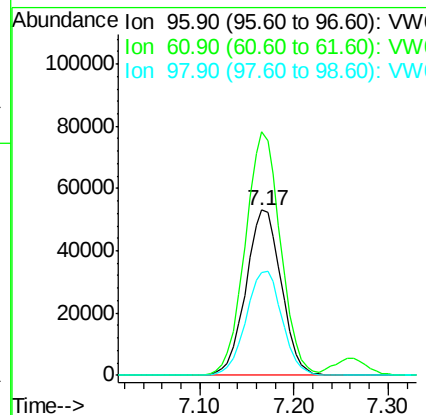
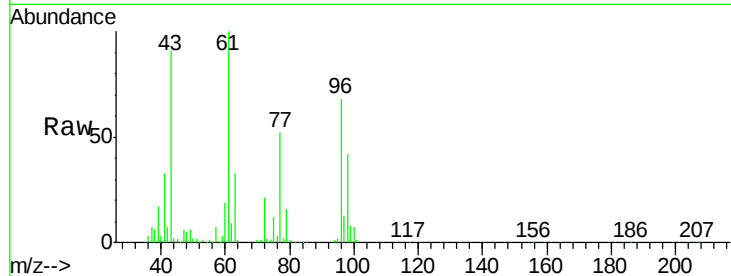


#27

cis-1,2-Dichloroethene
 Concen: 54.471 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampleId :

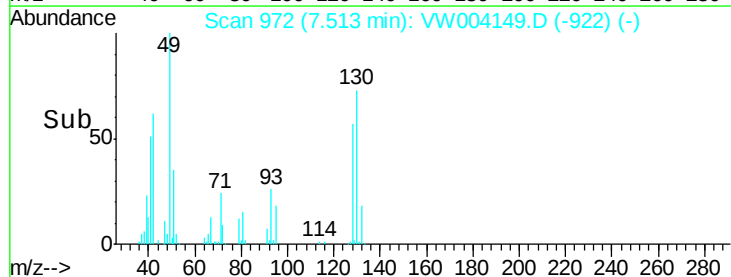
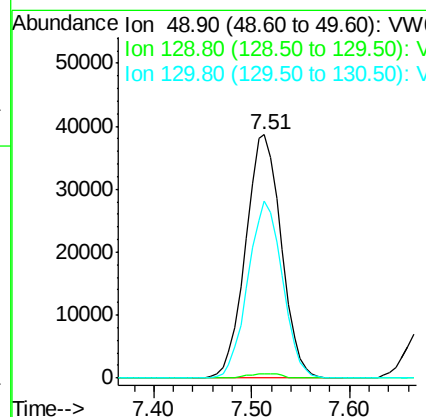
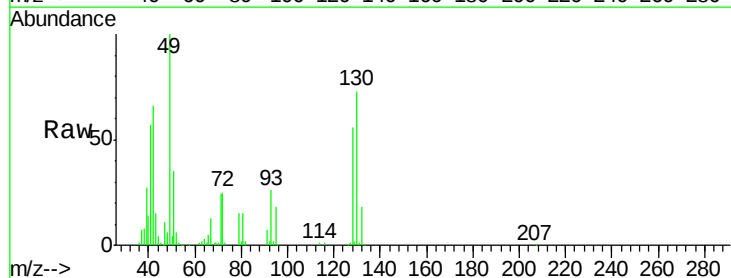
Tot Ion	96	Resp	139371
Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	298.6
98	64.2	0.0	130.4

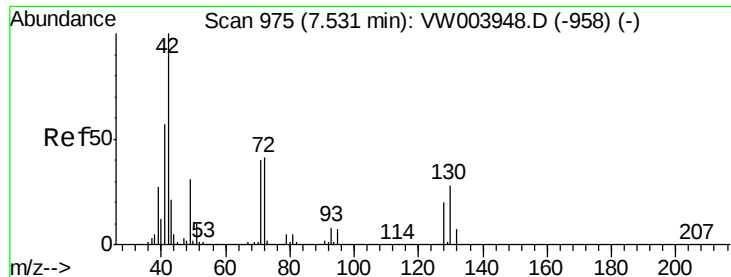


#28

Bromochloromethane
 Concen: 54.362 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	49	Resp	97779
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.2
130	70.7	58.3	87.5

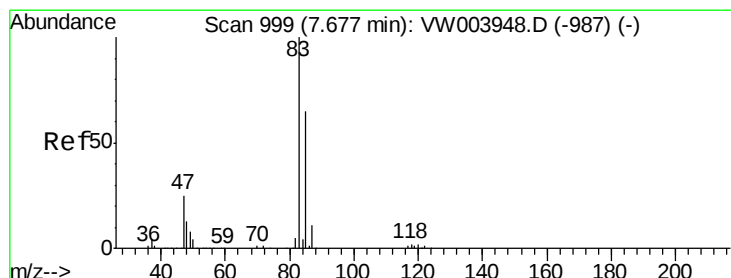
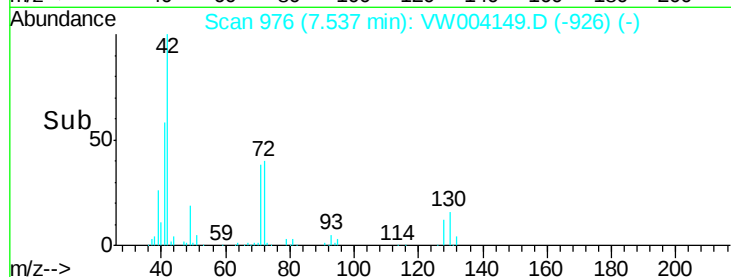
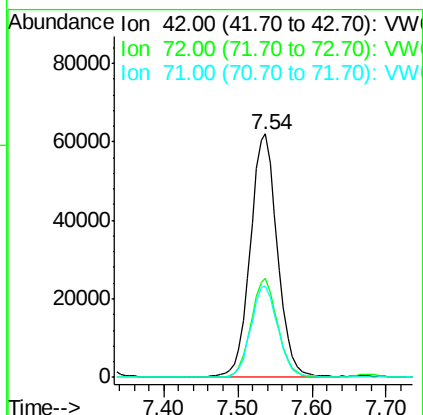
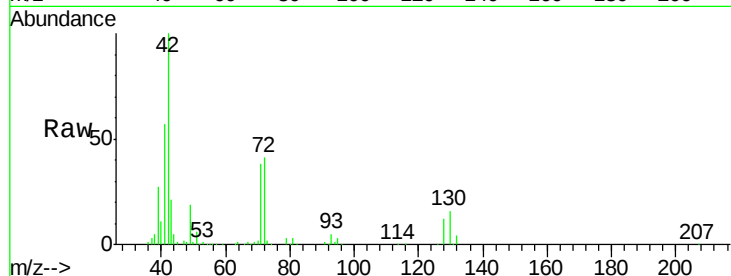




#29
Tetrahydrofuran
Concen: 318.246 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

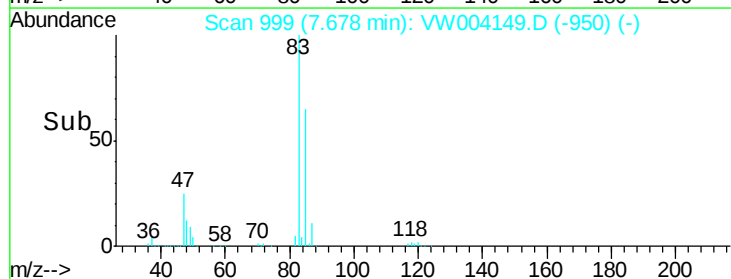
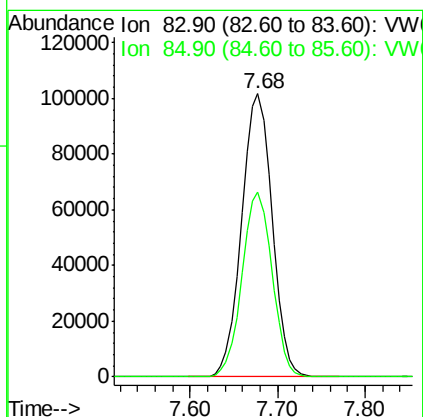
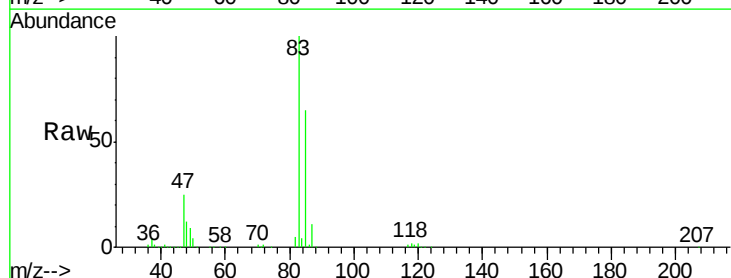
Instrument :
MSVOA_W
ClientSampled :

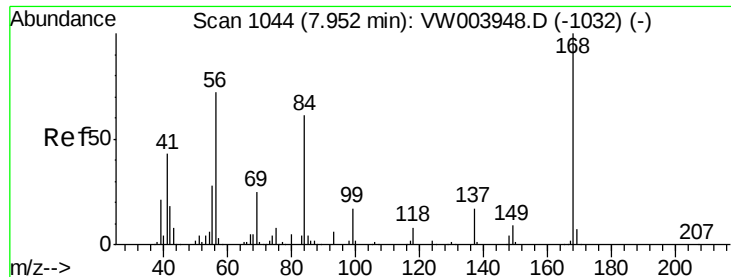
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.6	48.8
71	37.0	30.5	45.7



#30
Chloroform
Concen: 56.471 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4

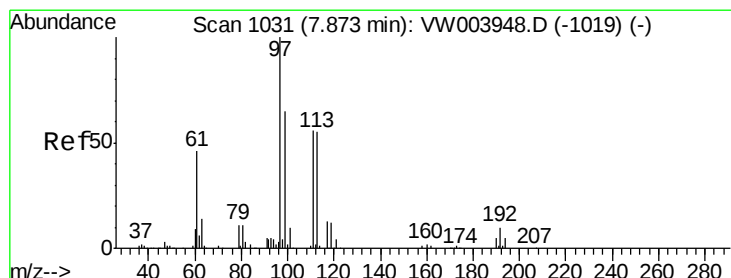
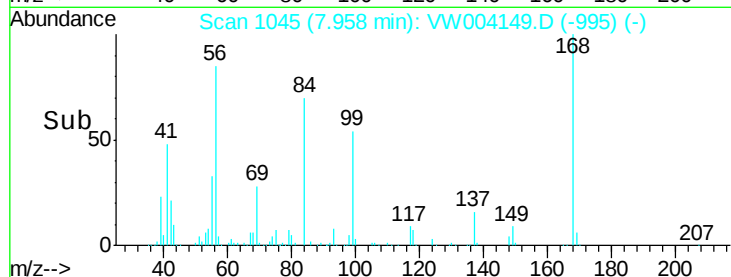
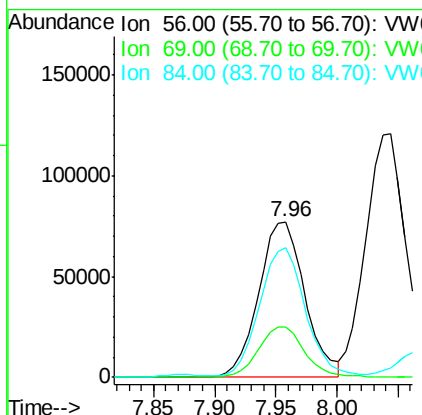
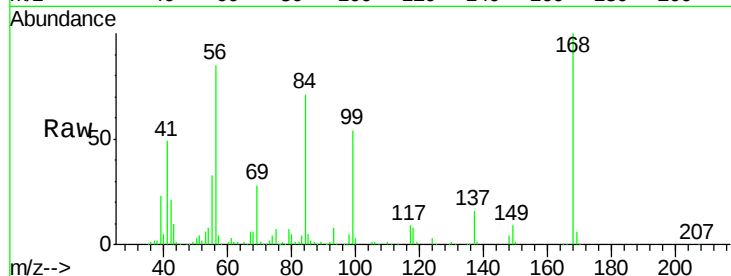




#31
Cyclohexane
Concen: 49.209 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

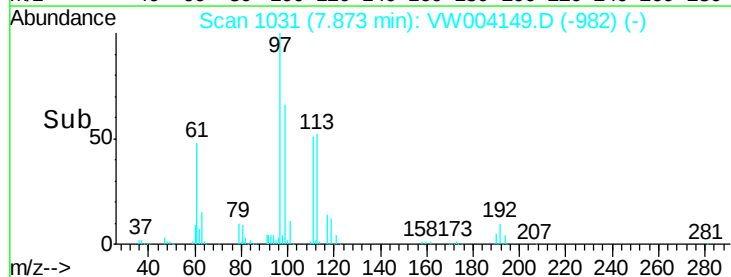
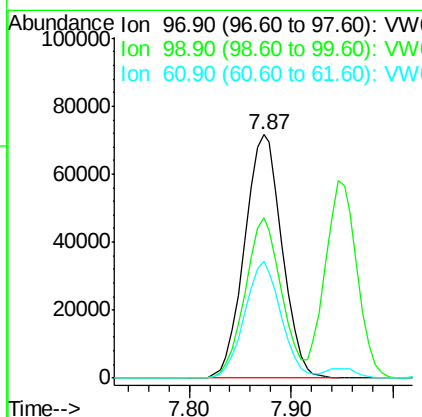
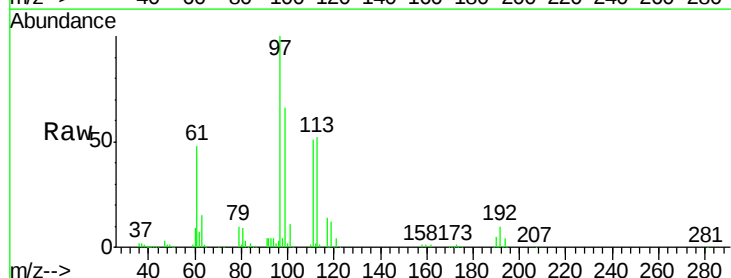
Instrument :
MSVOA_W
ClientSampled :

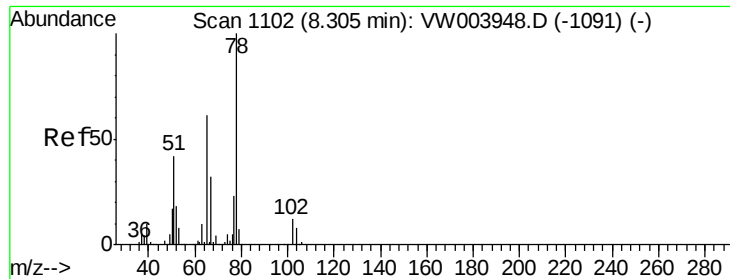
Tot Ion: 56 Resp: 202740
Ion Ratio Lower Upper
56 100
69 32.5 27.8 41.8
84 82.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.569 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 97 Resp: 182878
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 46.5 36.8 55.2

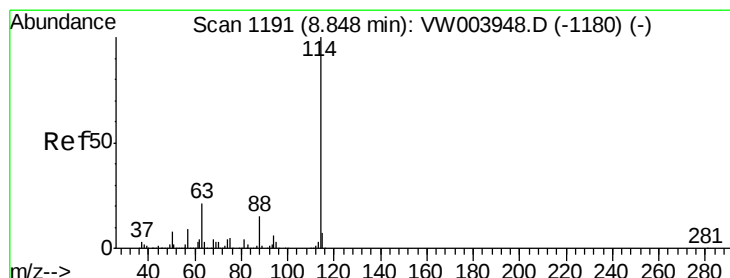
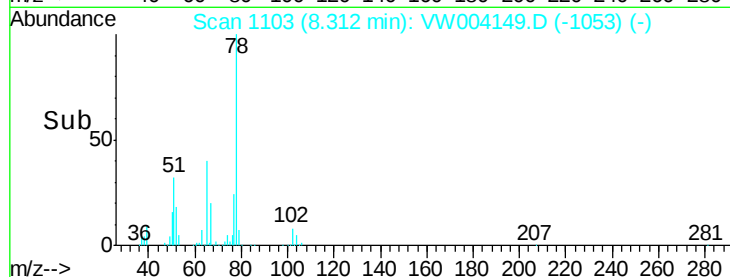
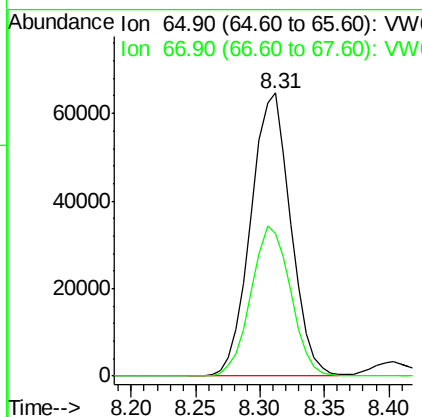
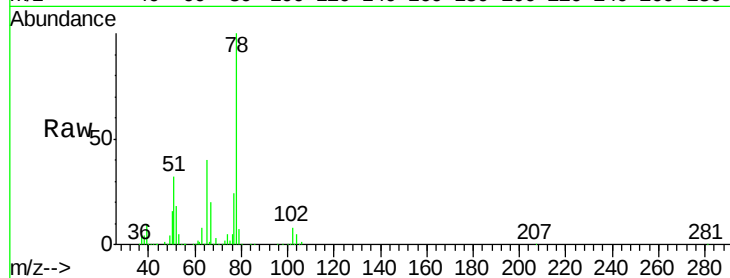




#33
 1,2-Dichloroethane-d4
 Concen: 55.715 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

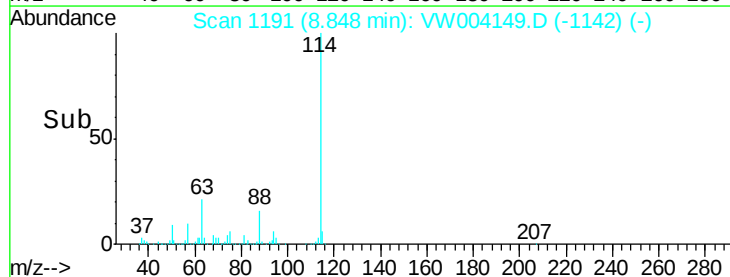
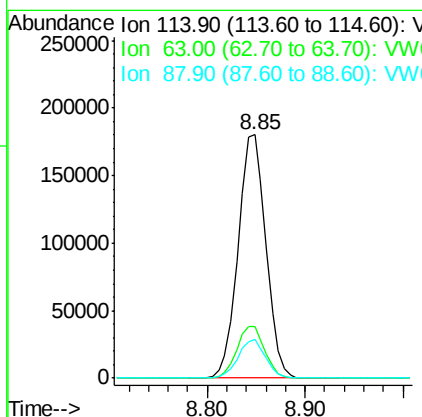
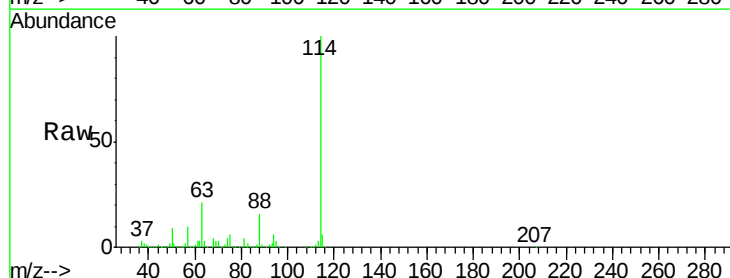
Instrument :
 MSVOA_W
 ClientSampleId :

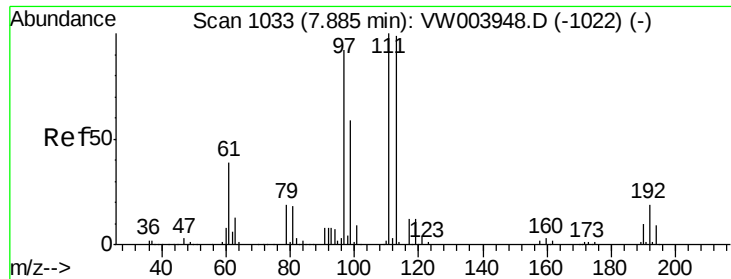
Tot Ion: 65 Resp: 138370
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 114 Resp: 354466
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.8 0.0 30.4

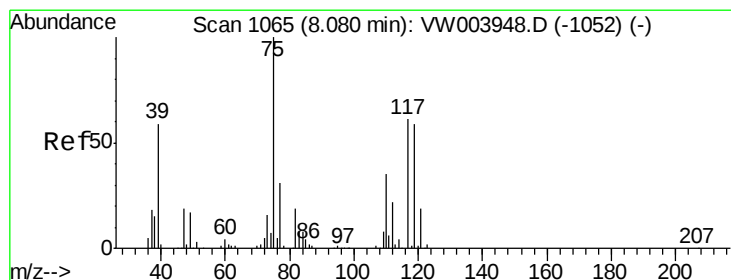
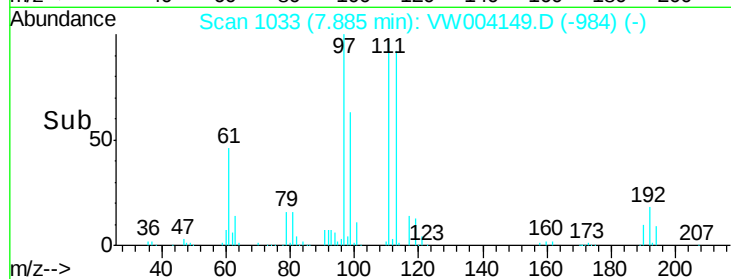
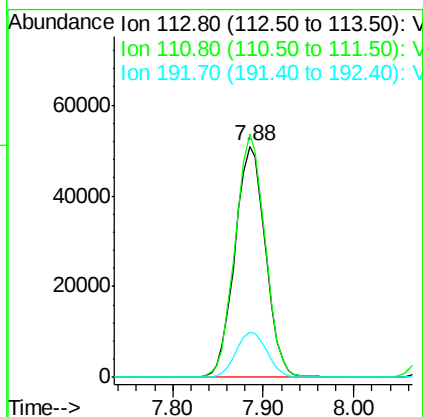
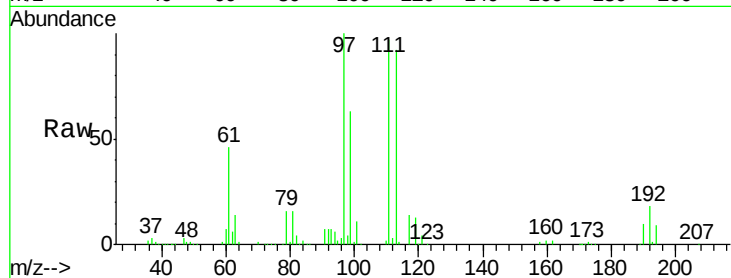




#35
 Dibromofluoromethane
 Concen: 52.466 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

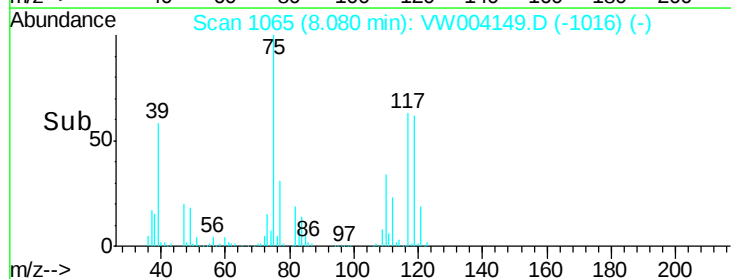
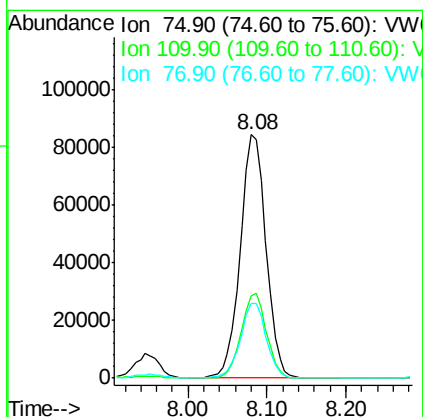
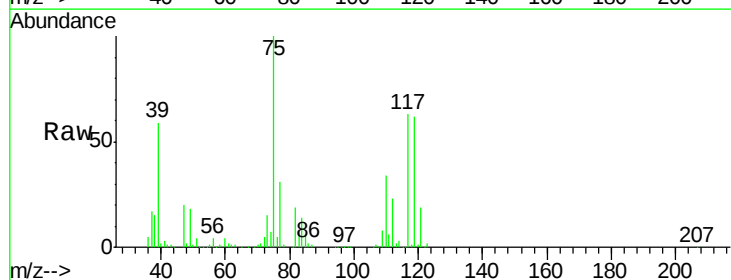
Instrument :
 MSVOA_W
 ClientSampleId :

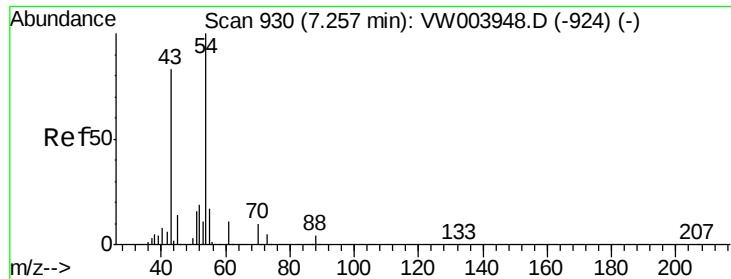
Tot Ion:113 Resp: 119326
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 52.600 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 75 Resp: 191828
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.0 51.0
 77 31.0 24.9 37.3

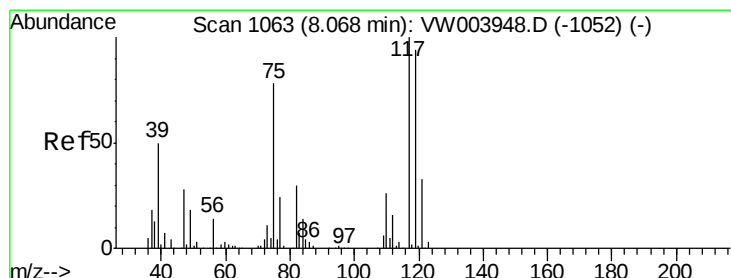
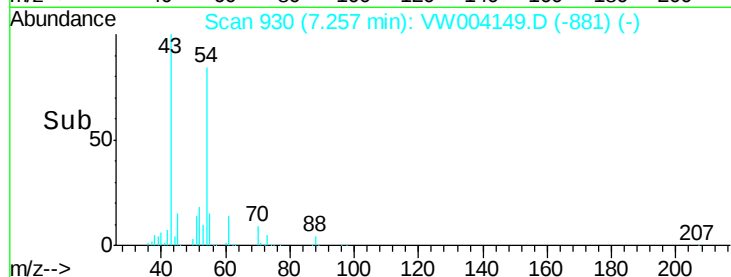
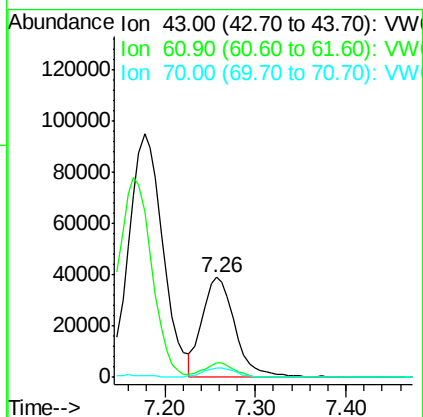
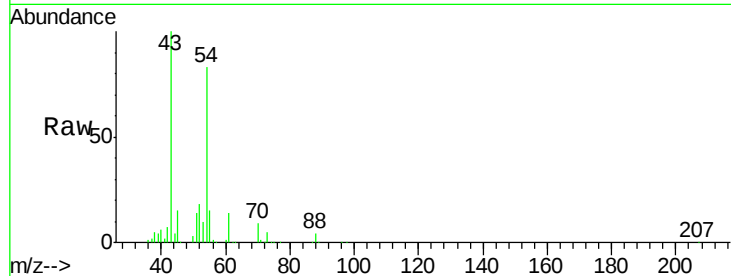




#37
Ethyl Acetate
Concen: 55.637 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

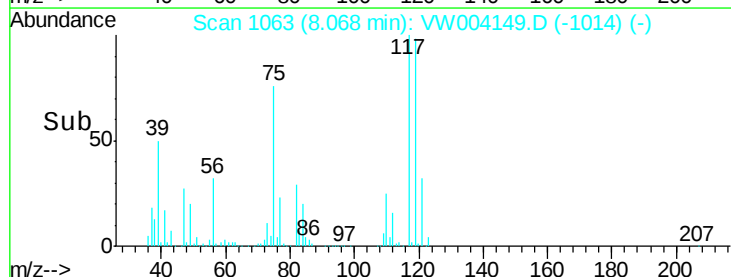
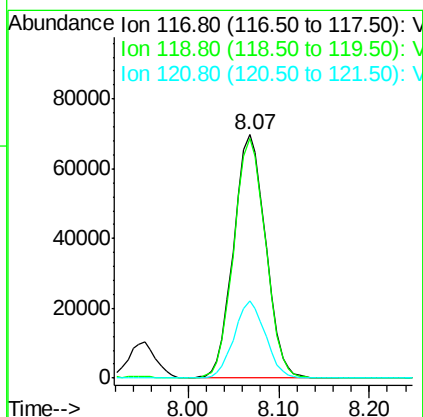
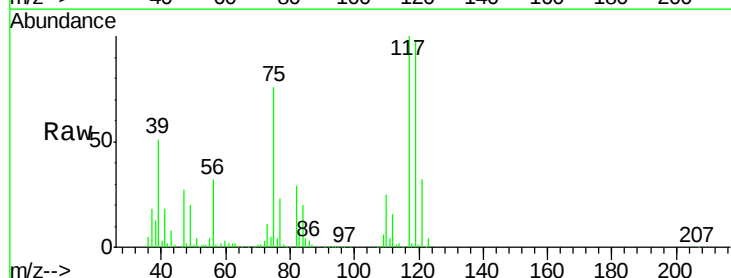
Instrument :
MSVOA_W
ClientSampleId :

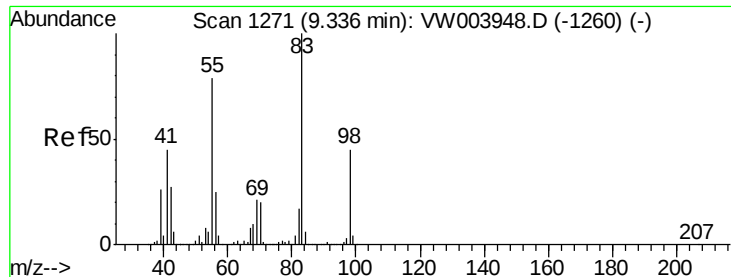
Tot Ion: 43 Resp: 97869
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.384 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 117 Resp: 171691
Ion Ratio Lower Upper
117 100
119 98.5 75.3 112.9
121 31.9 26.0 39.0

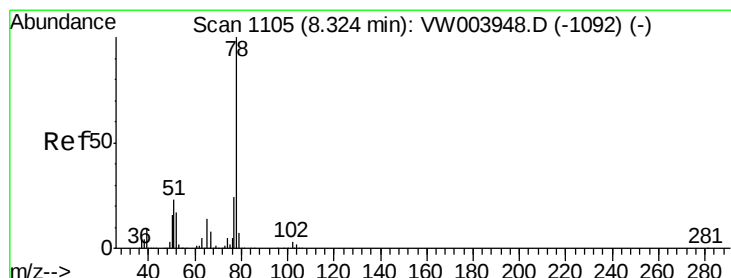
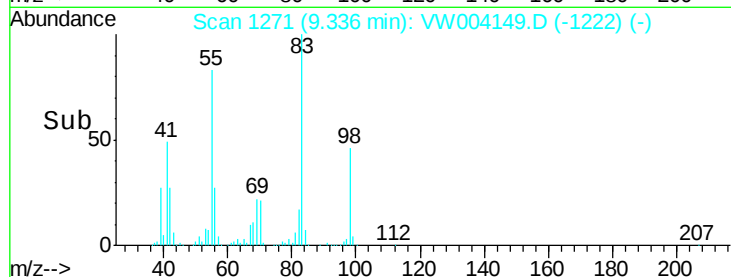
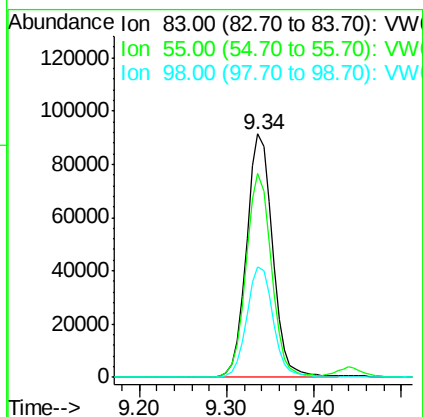
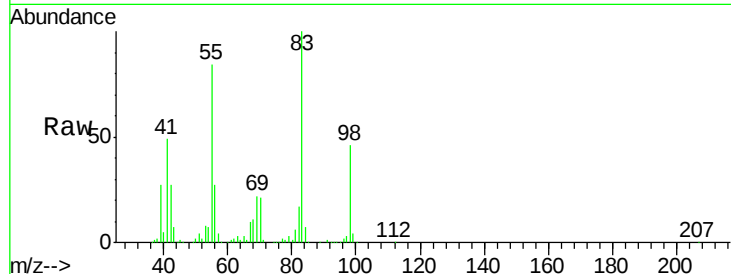




#39
Methvlcvclohexane
Concen: 44.301 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

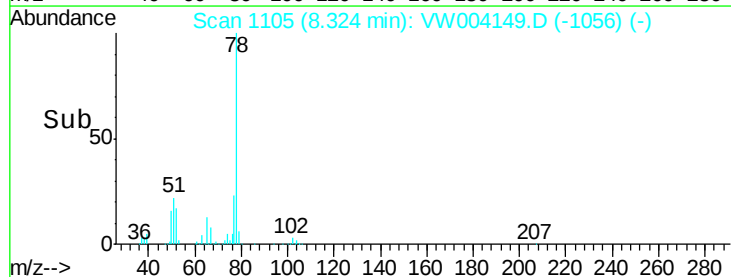
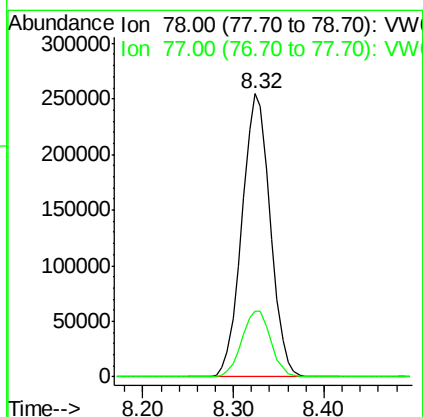
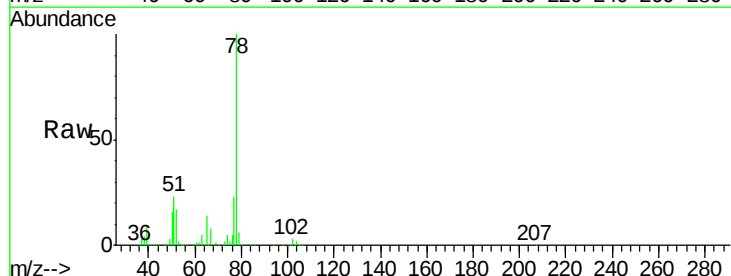
Instrument :
MSVOA_W
ClientSampleId :

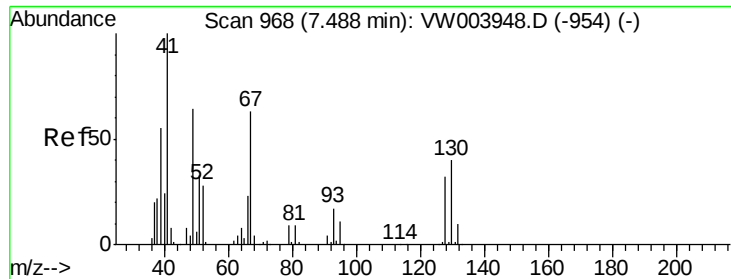
Tot Ion: 83 Resp: 189215
Ion Ratio Lower Upper
83 100
55 83.5 62.8 94.2
98 45.6 36.2 54.4



#40
Benzene
Concen: 54.366 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 78 Resp: 550073
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3

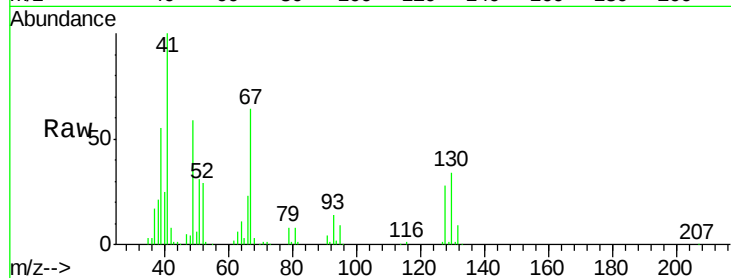




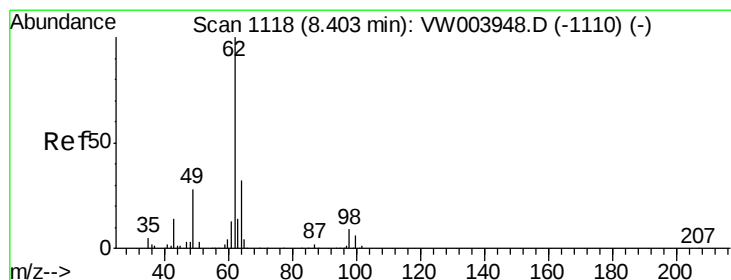
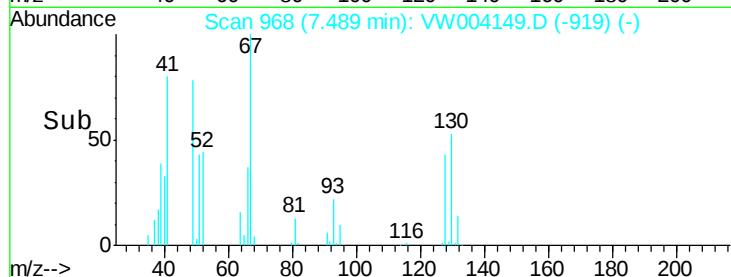
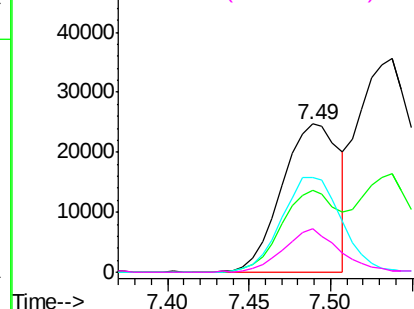
#41
Methacrylonitrile
Concen: 62.313 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 60735
Ion Ratio Lower Upper
41 100
39 53.5 50.0 75.0
67 67.3 60.8 91.2
52 28.9 26.2 39.4

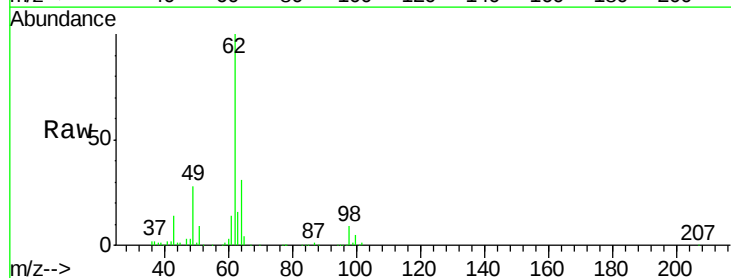


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

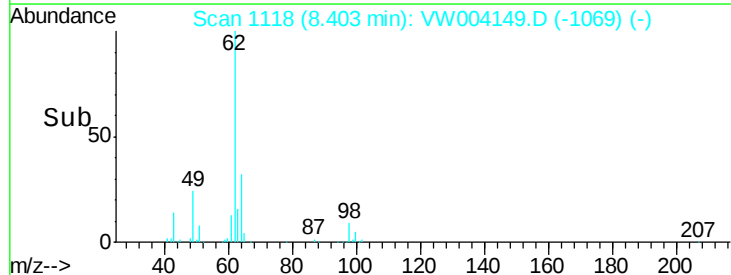
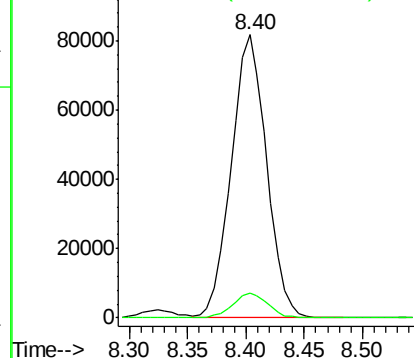


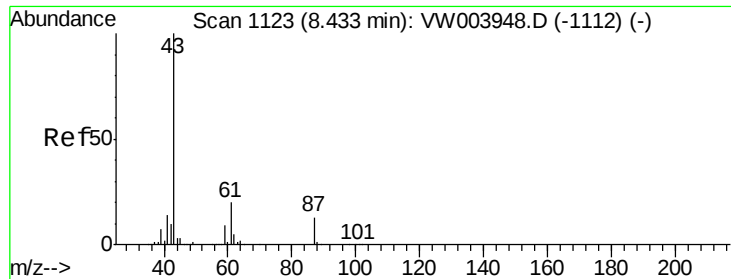
#42
1,2-Dichloroethane
Concen: 55.580 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 62 Resp: 171564
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.790 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampleId :

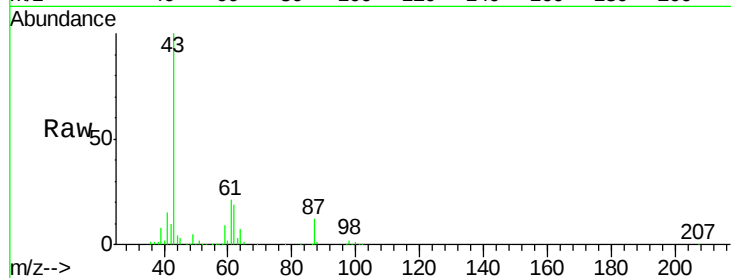
Tot Ion: 43 Resp: 190131

Ion Ratio Lower Upper

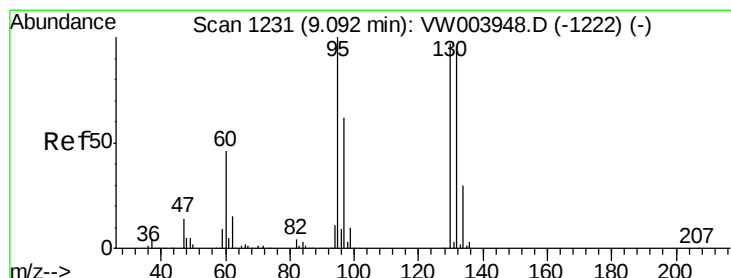
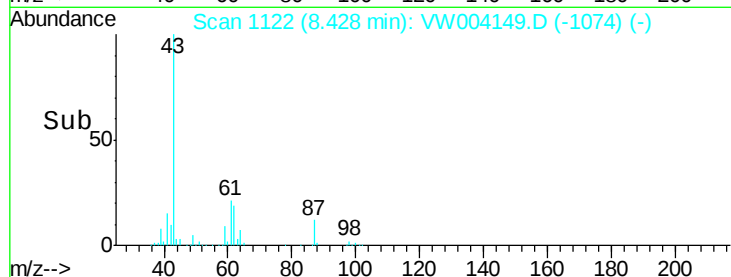
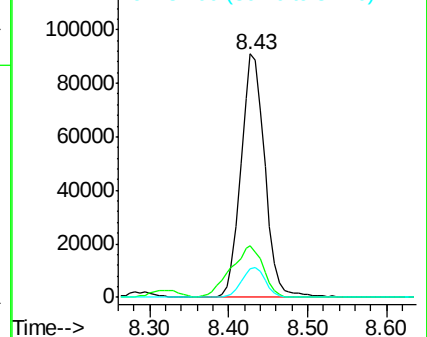
43 100

61 28.9 23.0 34.6

87 12.2 9.9 14.9



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: 53.633 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004149.D

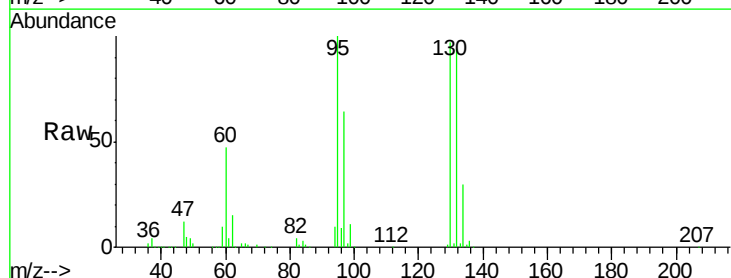
Acq: 23 Jul 2018 20:23

Tgt Ion: 130 Resp: 140664

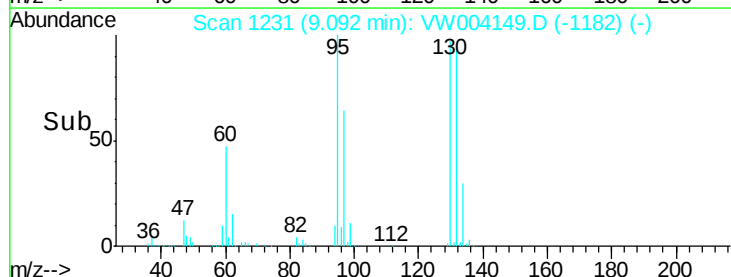
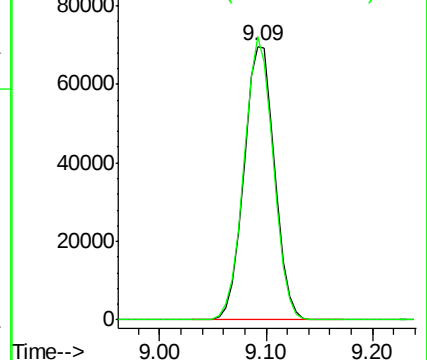
Ion Ratio Lower Upper

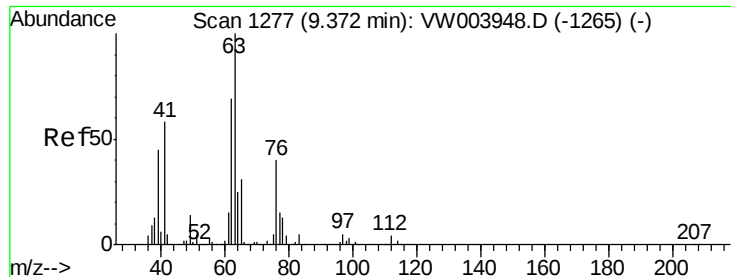
130 100

95 103.4 0.0 206.8



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

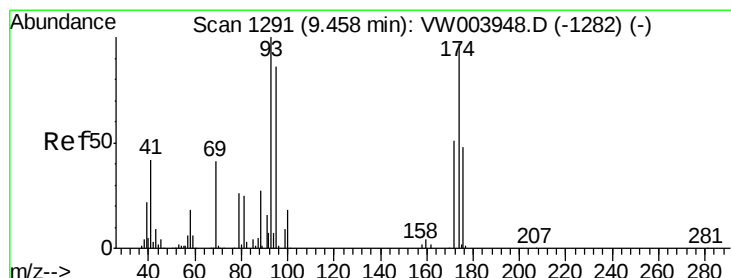
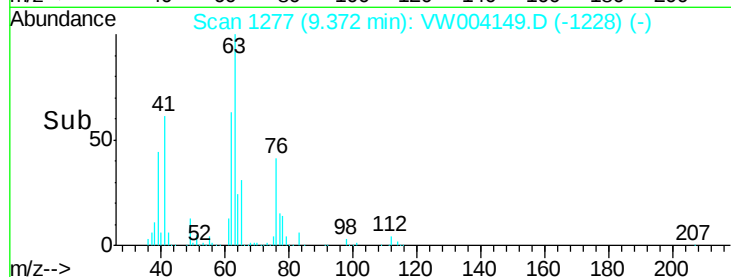
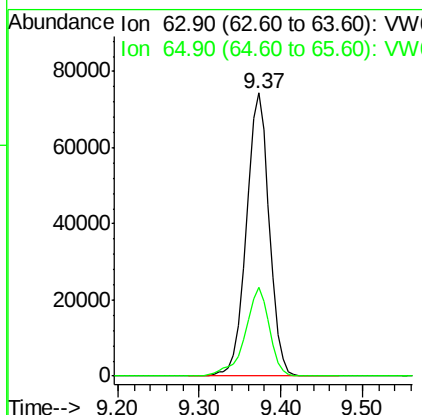
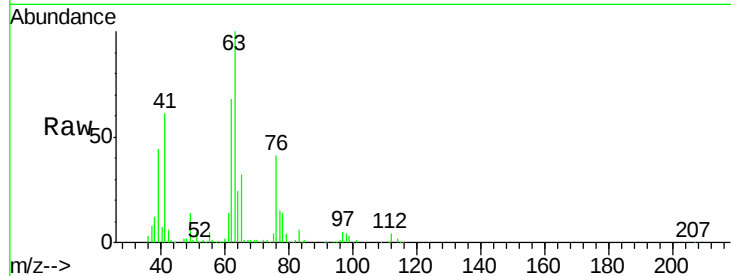




#45
 1,2-Dichloropropane
 Concen: 56.298 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

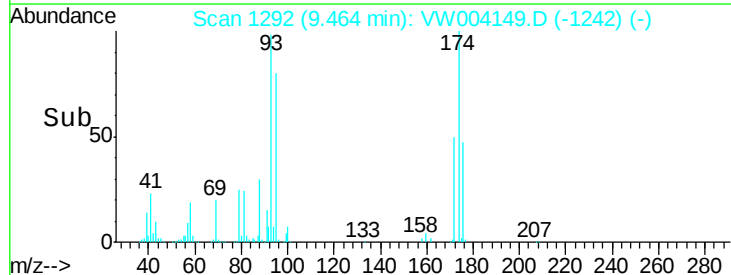
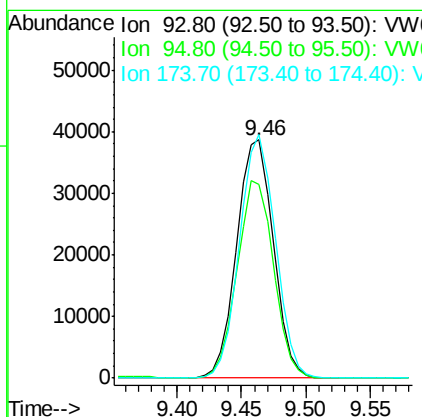
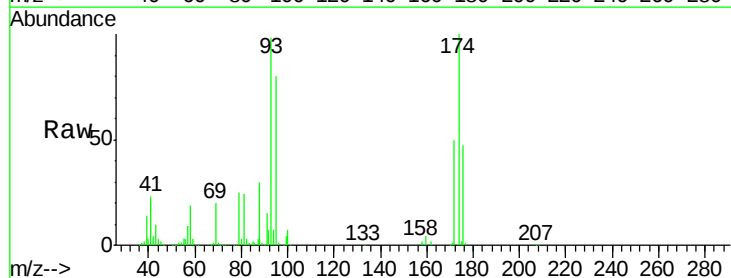
Instrument :
 MSVOA_W
 ClientSampleId :

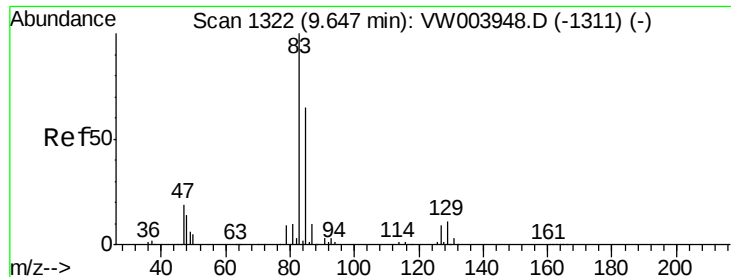
Tot Ion: 63 Resp: 145385
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 56.996 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 93 Resp: 76376
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.9 100.3
 174 100.0 80.2 120.2





#47

Bromodichloromethane

Concen: 55.242 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampled :

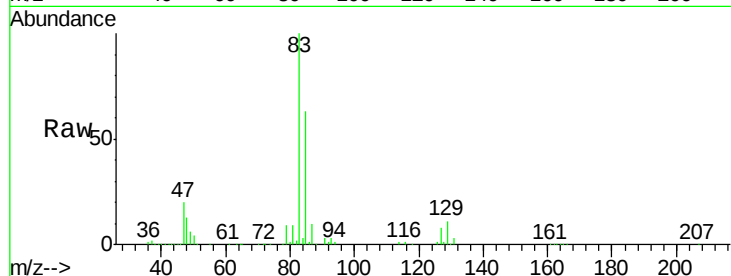
Tot Ion: 83 Resp: 182489

Ion Ratio Lower Upper

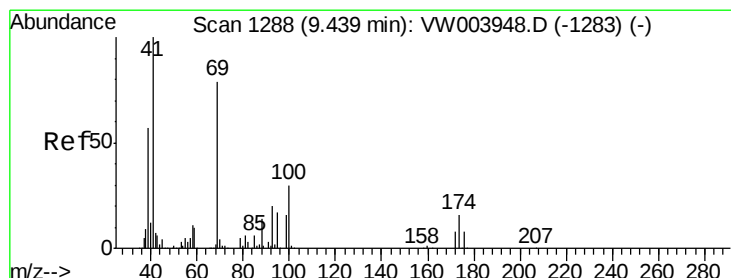
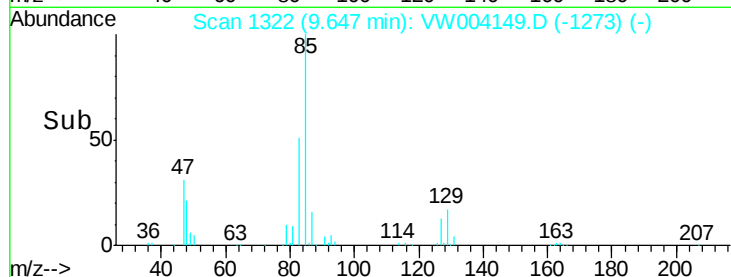
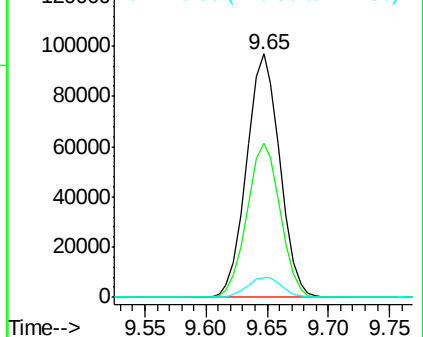
83 100

85 63.4 52.2 78.2

127 7.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 62.236 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

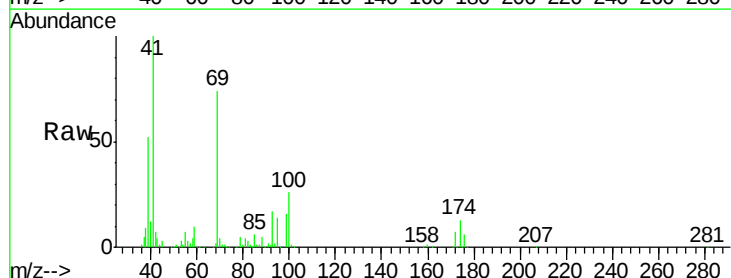
Tgt Ion: 41 Resp: 99025

Ion Ratio Lower Upper

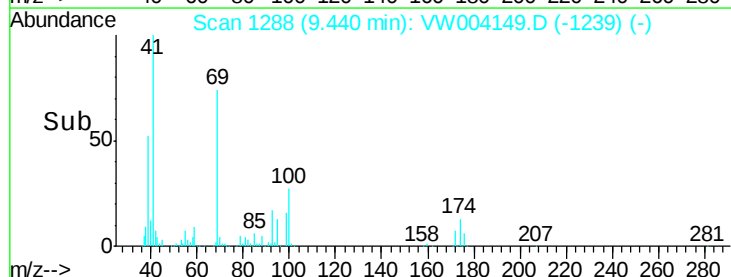
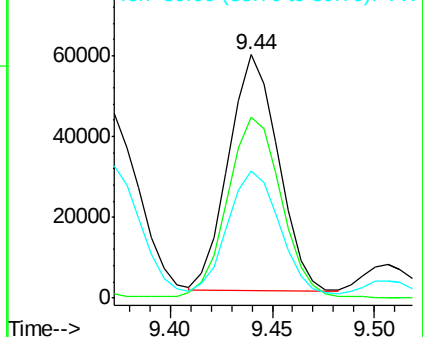
41 100

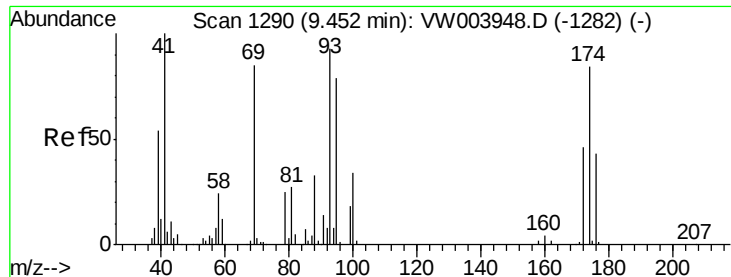
69 83.0 67.0 100.6

39 57.7 48.8 73.2



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: 1223.841 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampled :

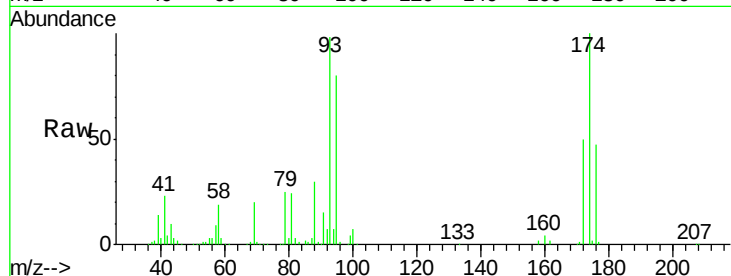
Tot Ion: 88 Resp: 25209

Ion Ratio Lower Upper

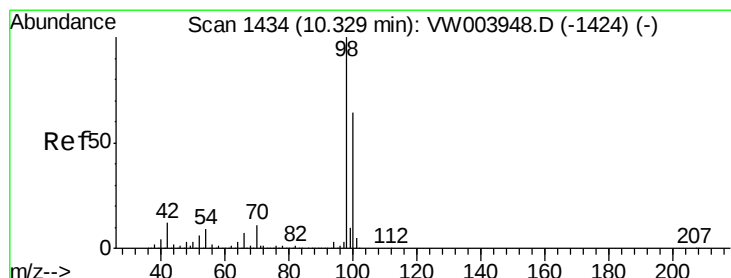
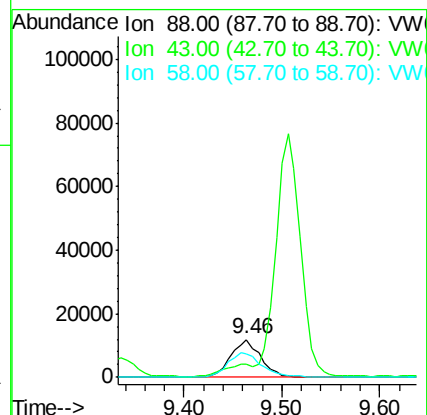
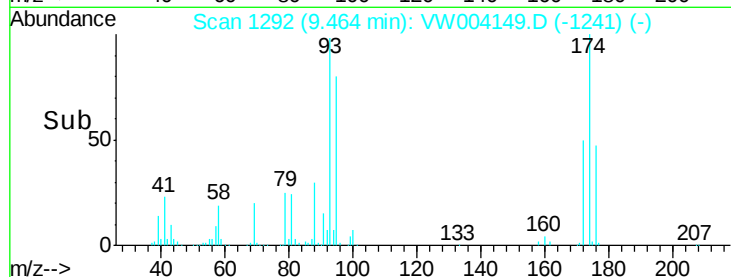
88 100

43 32.3 27.3 40.9

58 75.8 61.1 91.7



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



#50

Toluene-d8

Concen: 52.291 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004149.D

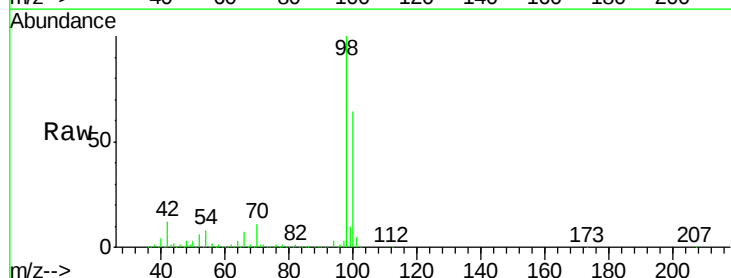
Acq: 23 Jul 2018 20:23

Tgt Ion: 98 Resp: 461471

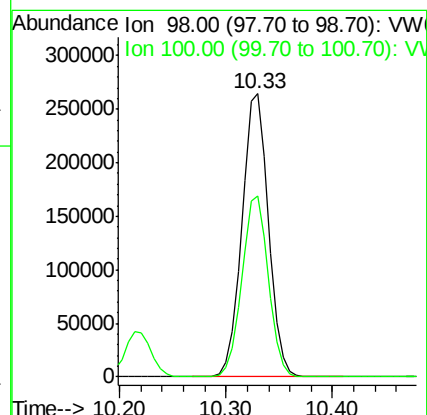
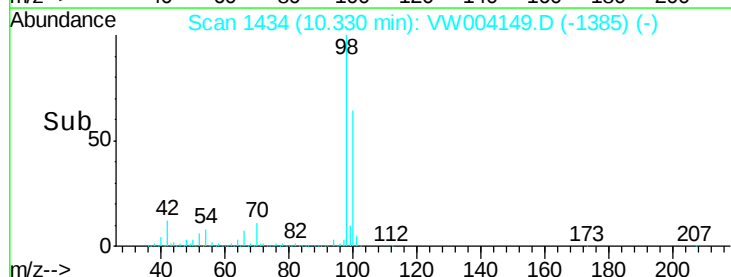
Ion Ratio Lower Upper

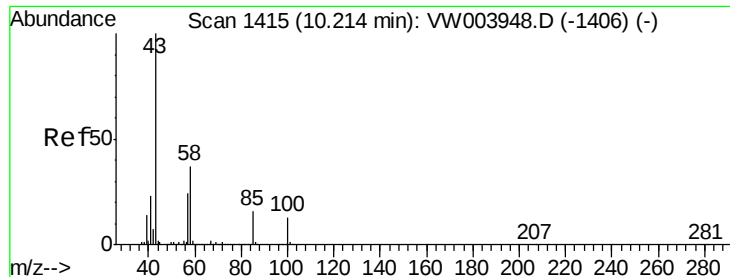
98 100

100 63.9 51.2 76.8



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: 311.263 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

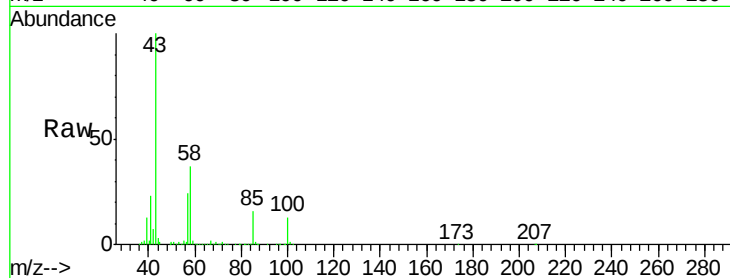
ClientSampled :

Tot Ion: 43 Resp: 545585

Ion Ratio Lower Upper

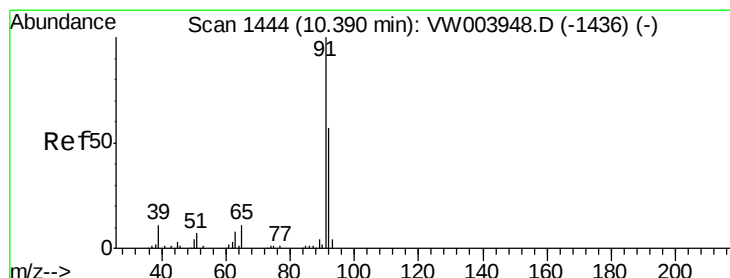
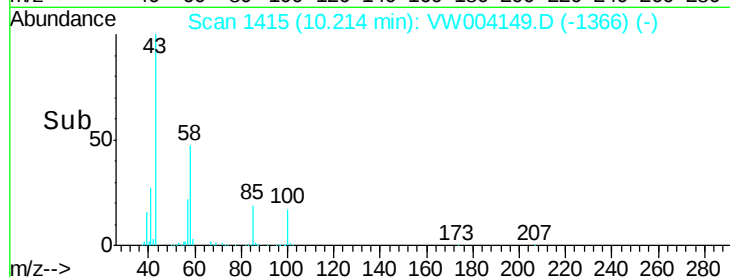
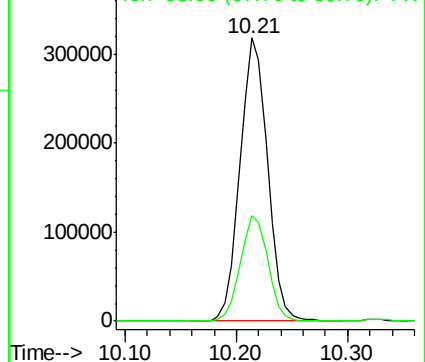
43 100

58 37.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 53.889 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004149.D

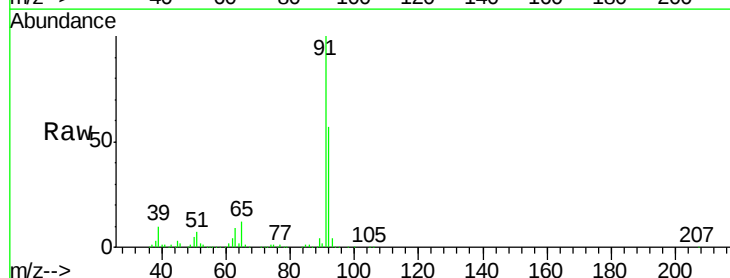
Acq: 23 Jul 2018 20:23

Tgt Ion: 92 Resp: 337165

Ion Ratio Lower Upper

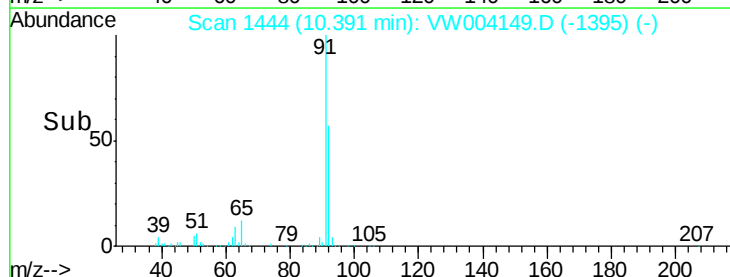
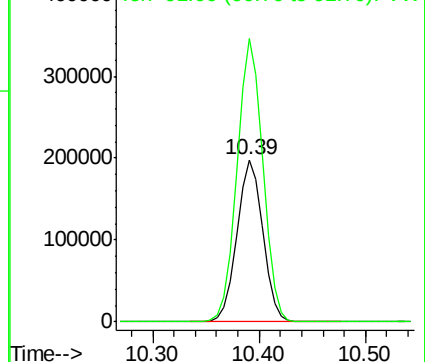
92 100

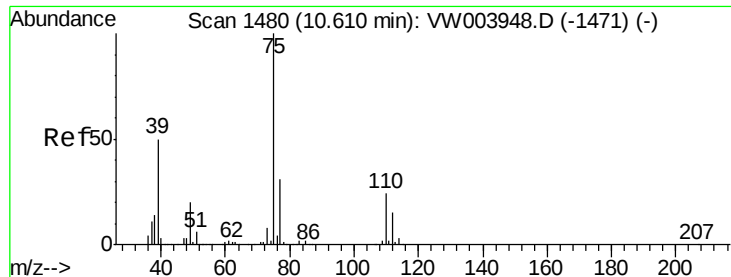
91 175.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

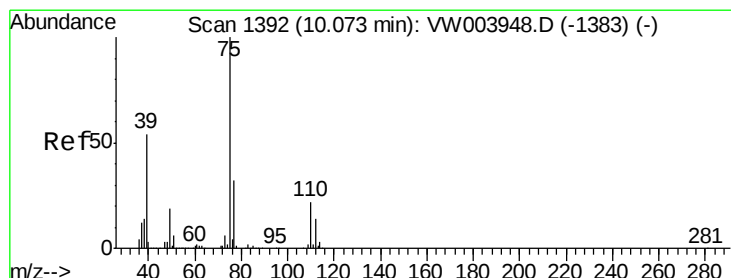
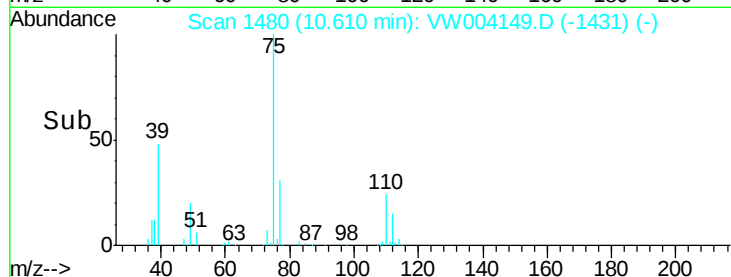
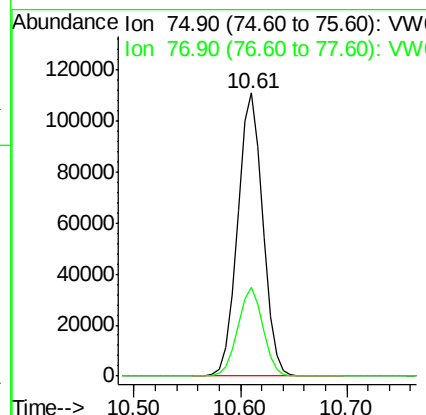
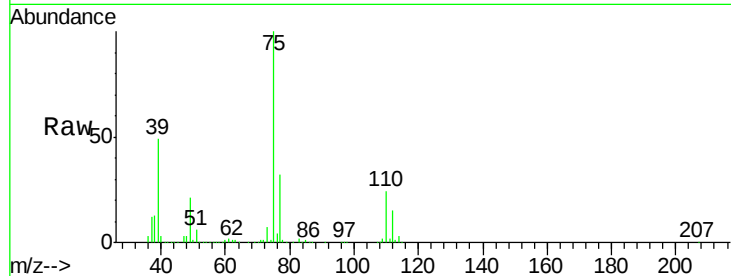




#53
t-1,3-Dichloropropene
Concen: 53.121 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

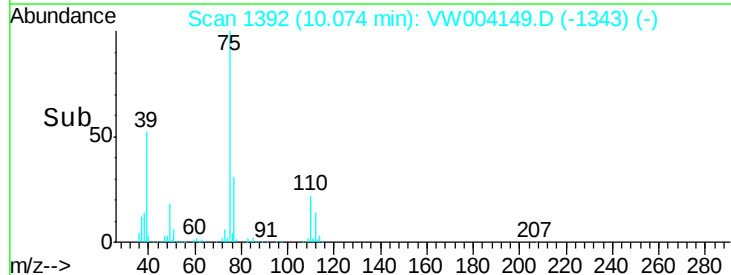
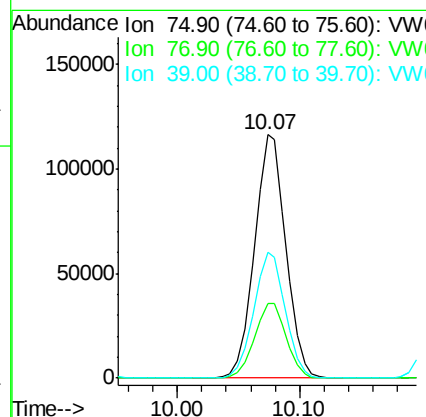
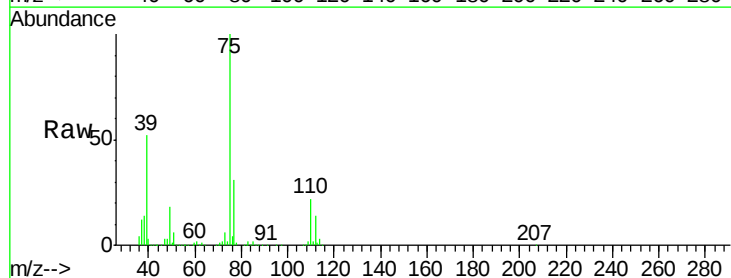
Instrument :
MSVOA_W
ClientSampled :

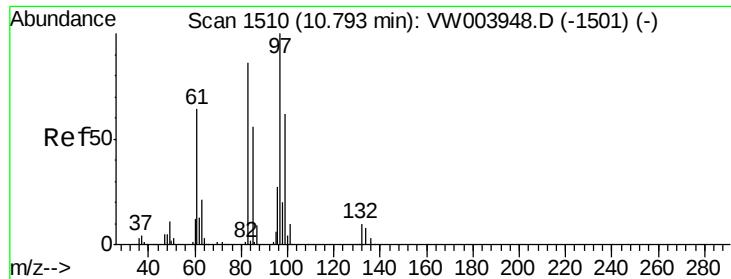
Tot Ion: 75 Resp: 183507
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.285 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 75 Resp: 206622
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 51.7 43.0 64.6

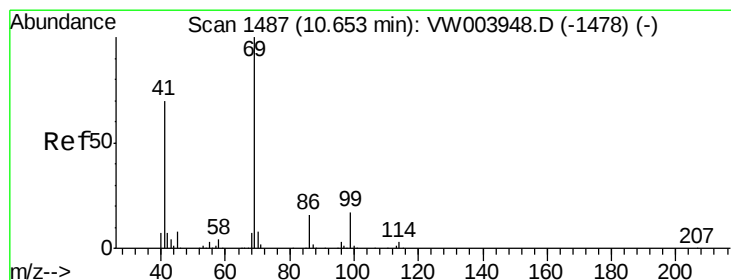
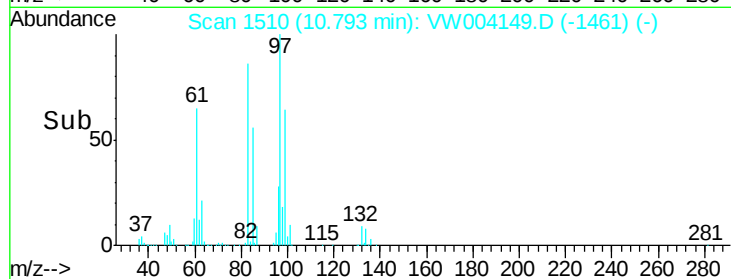
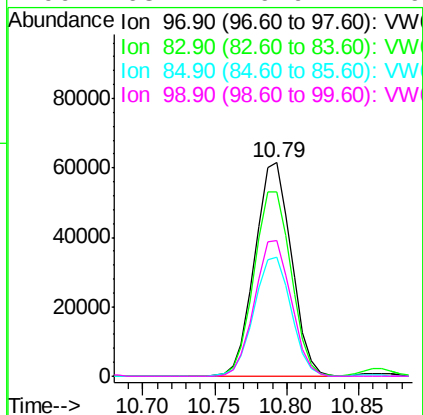
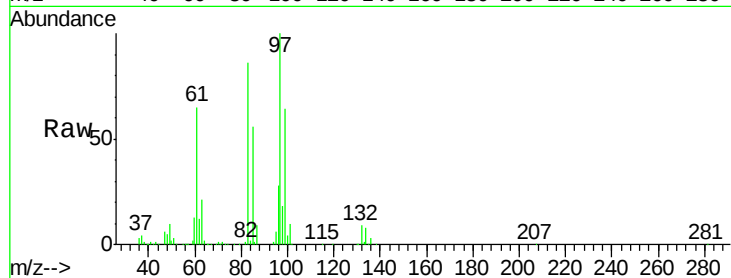




#55
 1,1,2-Trichloroethane
 Concen: 57.282 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

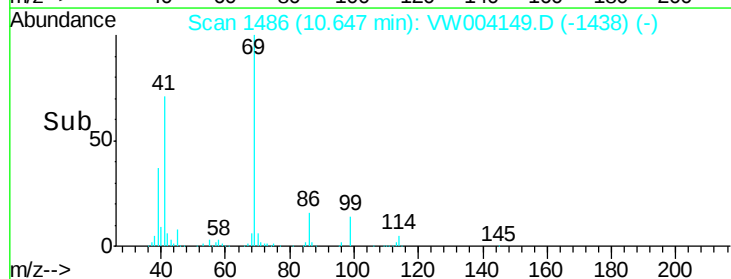
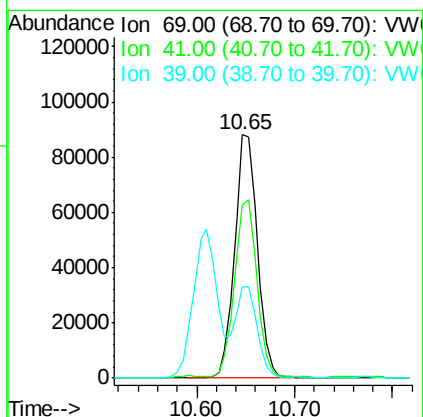
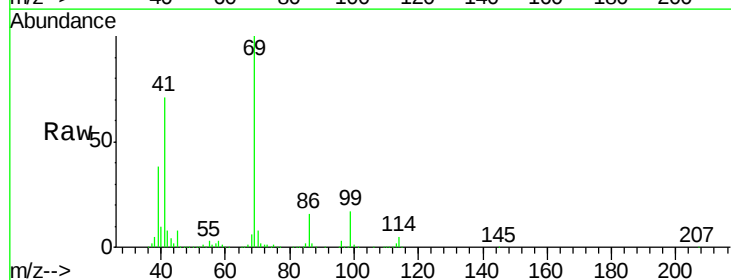
Instrument :
 MSVOA_W
 ClientSampleId :

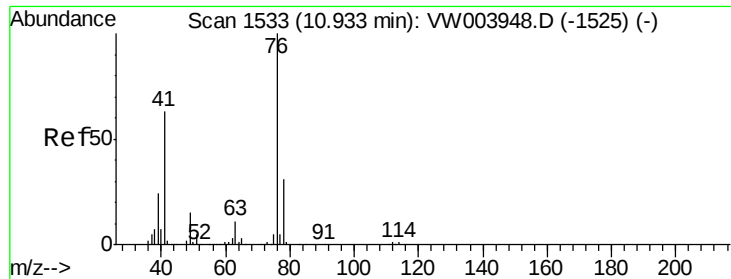
Tot Ion:	97	Resp:	107957
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	55.8	45.0	67.6
99	63.7	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 52.592 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion:	69	Resp:	142213
Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.5	84.7
39	37.6	30.2	45.4





#57

1,3-Dichloropropane

Concen: 57.576 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

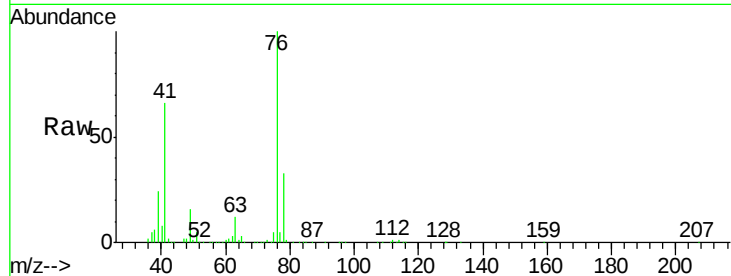
ClientSampled :

Tot Ion: 76 Resp: 188527

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

120000

100000

80000

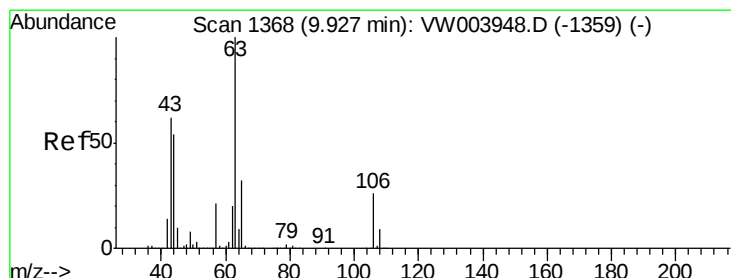
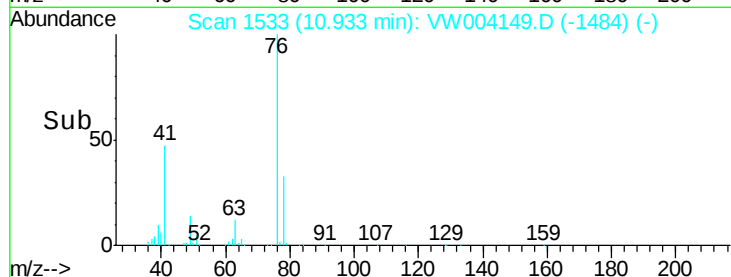
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 288.104 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004149.D

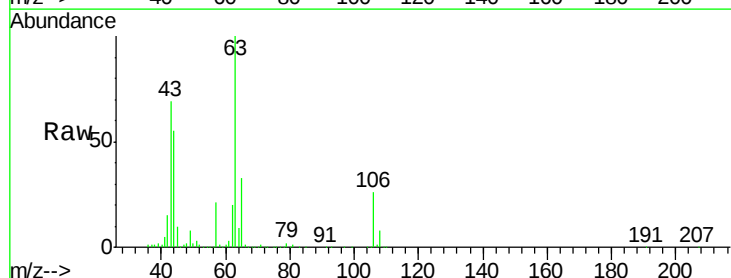
Acq: 23 Jul 2018 20:23

Tgt Ion: 63 Resp: 322113

Ion Ratio Lower Upper

63 100

106 25.8 21.2 31.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

200000

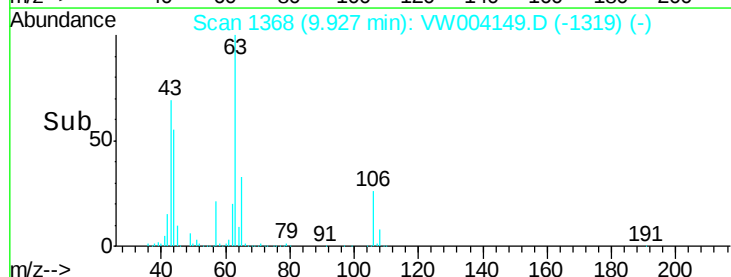
150000

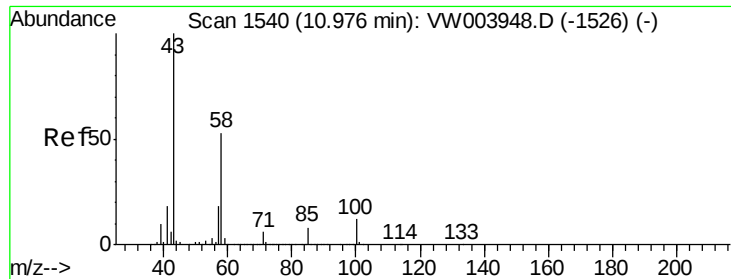
100000

50000

0

Time-->

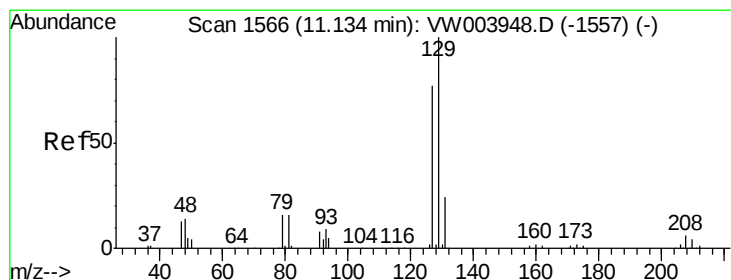
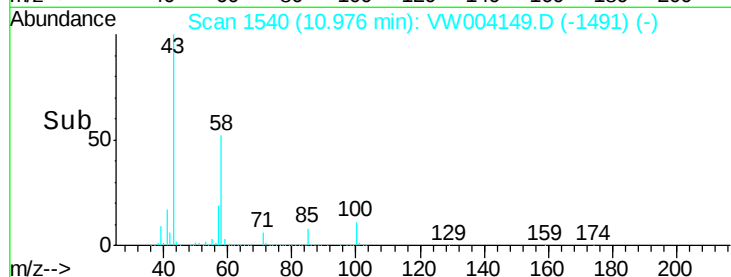
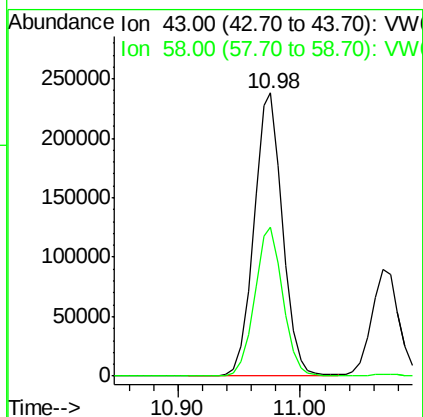
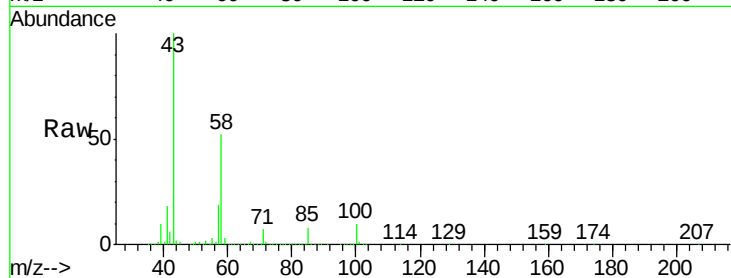




#59
2-Hexanone
Concen: 312.209 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

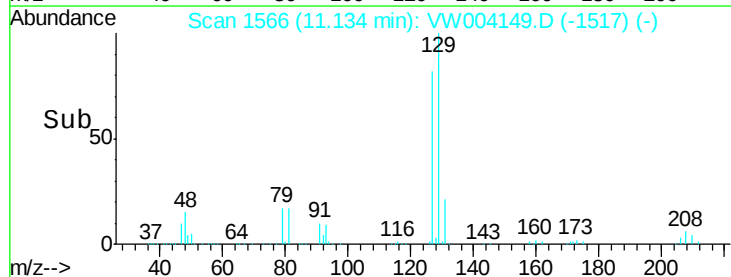
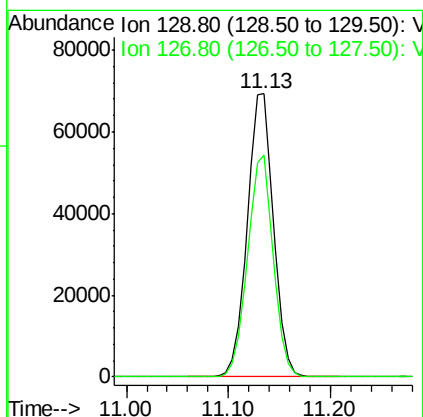
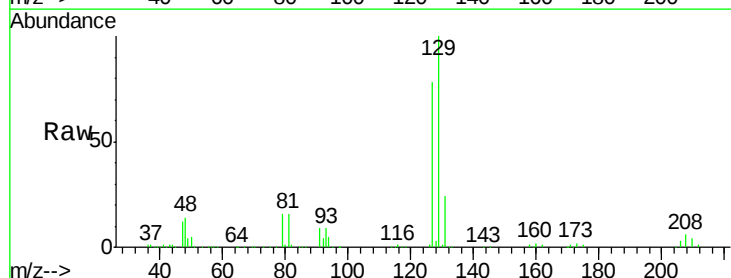
Instrument :
MSVOA_W
ClientSampled :

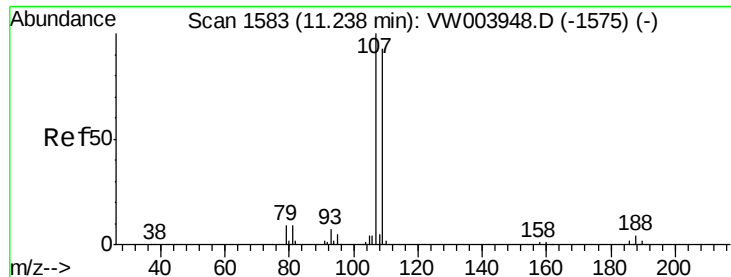
Tot Ion: 43 Resp: 385705
Ion Ratio Lower Upper
43 100
58 51.8 26.0 78.0



#60
Dibromochloromethane
Concen: 56.544 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 129 Resp: 124101
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

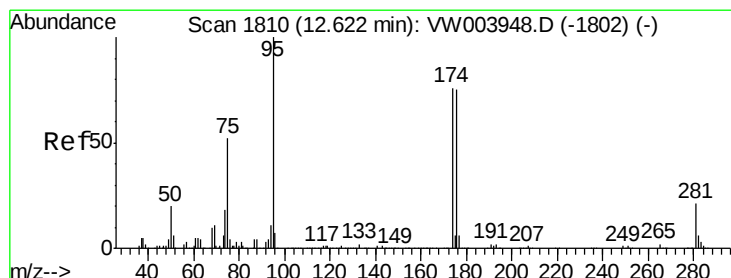
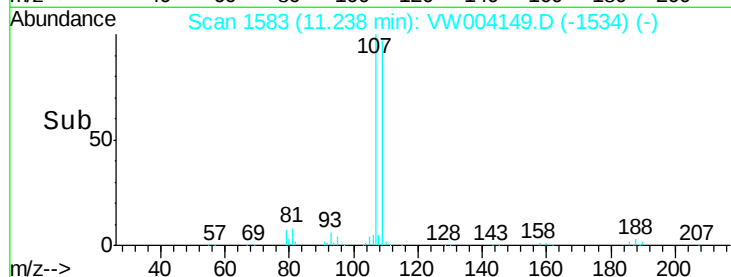
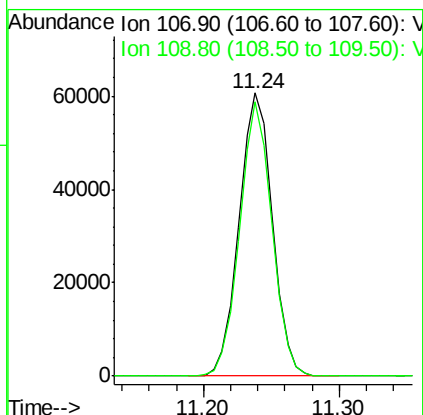
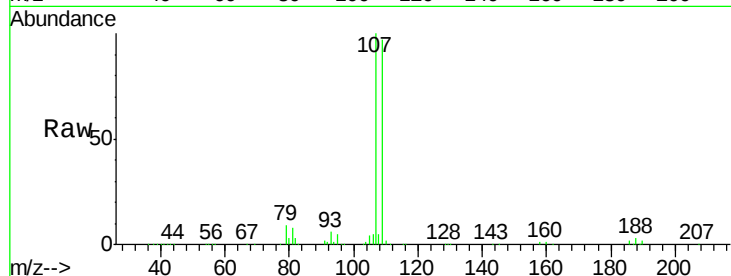




#61
 1,2-Dibromoethane
 Concen: 57.759 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

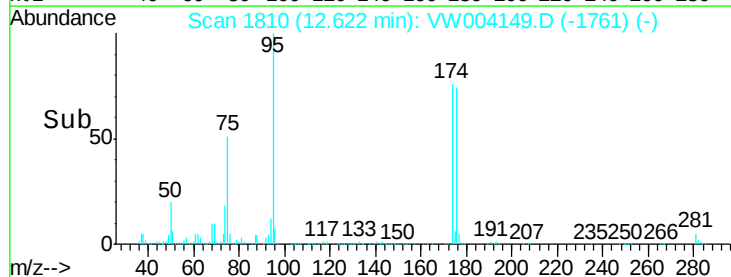
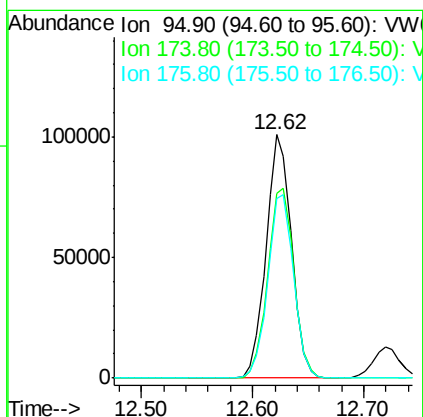
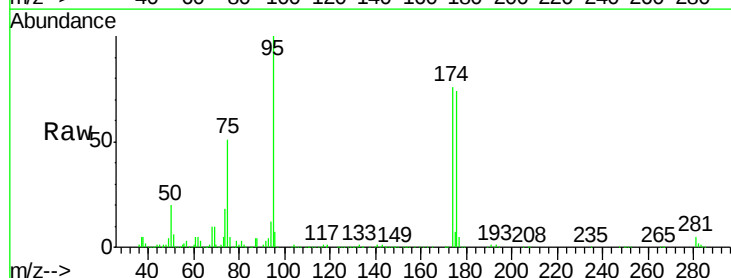
Instrument :
 MSVOA_W
 ClientSampleId :

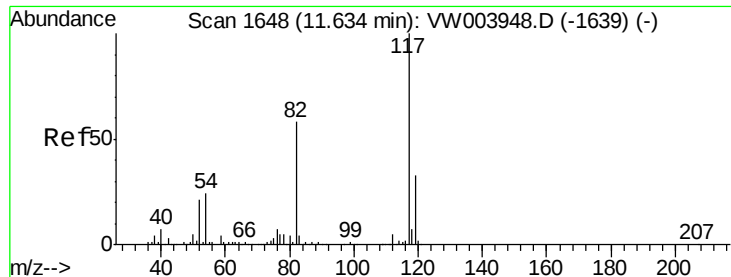
Tot Ion:107 Resp: 103577
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 50.471 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion: 95 Resp: 160614
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 160.2
 176 76.4 0.0 155.8

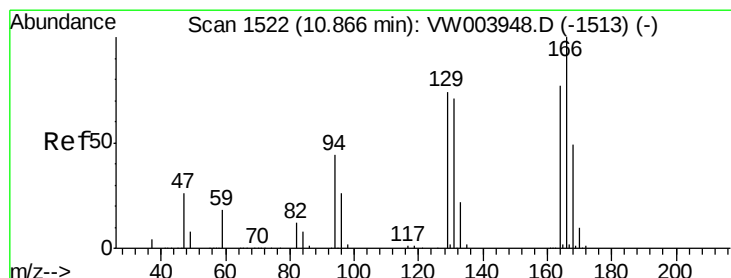
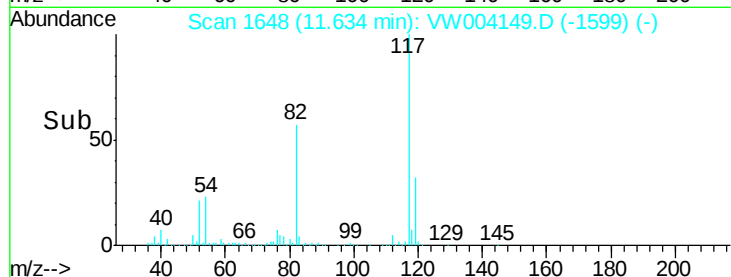
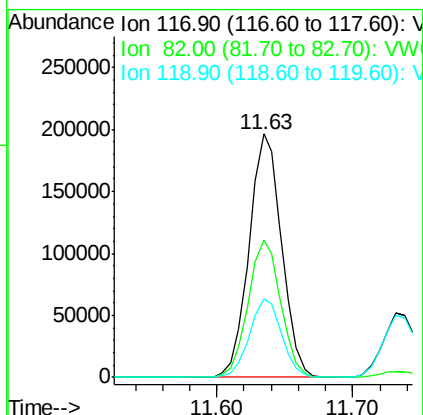
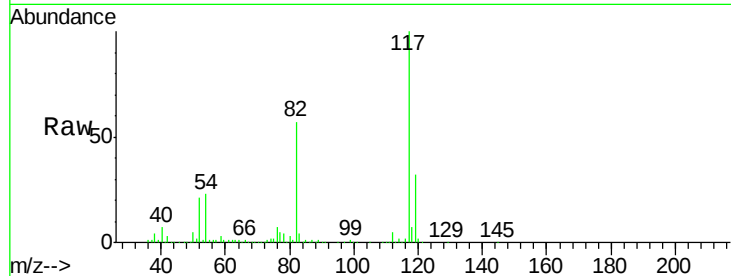




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

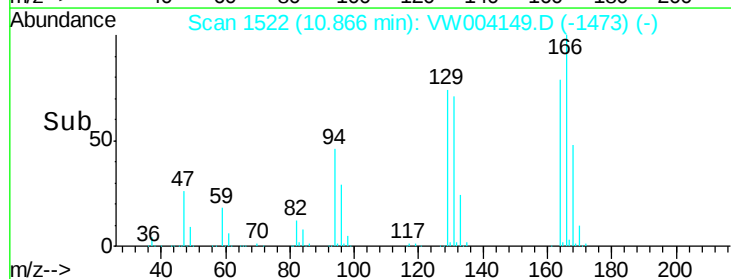
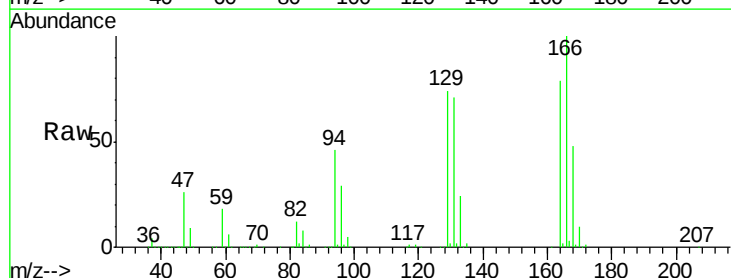
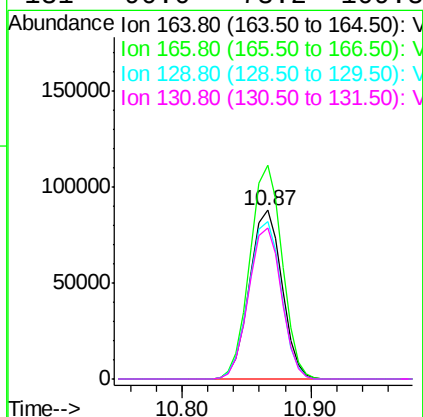
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 328676
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 67.539 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:164 Resp: 152314
Ion Ratio Lower Upper
164 100
166 126.7 103.5 155.3
129 93.6 76.8 115.2
131 90.0 73.2 109.8

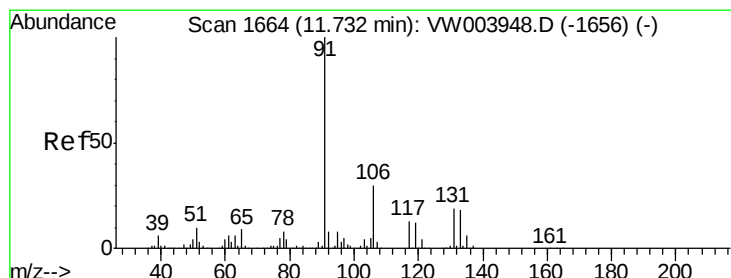
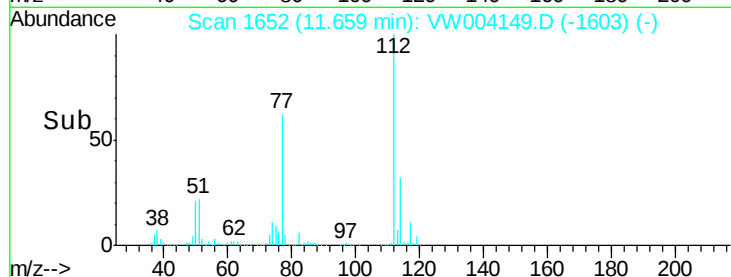
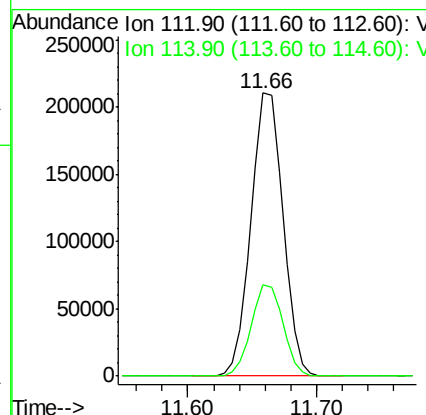
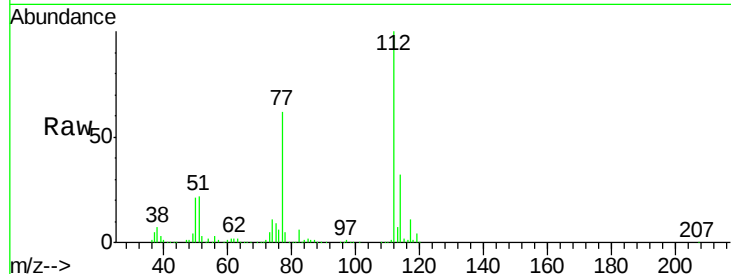




#65
Chlorobenzene
Concen: 51.744 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

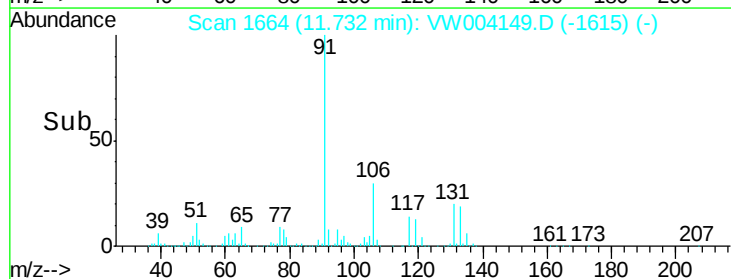
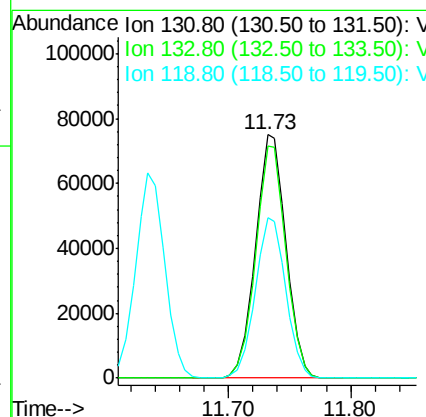
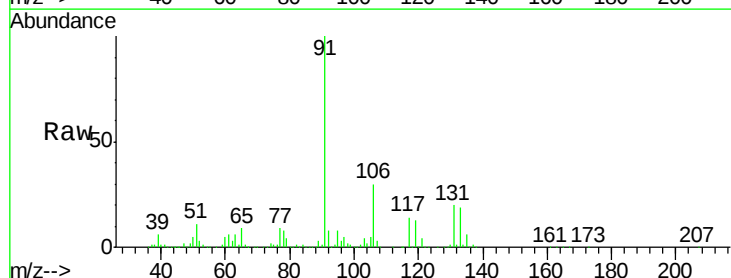
Instrument :
MSVOA_W
ClientSampleId :

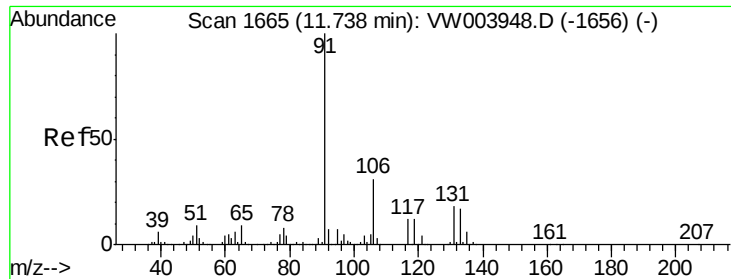
Tot Ion:112 Resp: 361637
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.580 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:131 Resp: 130129
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 65.9 32.5 97.5

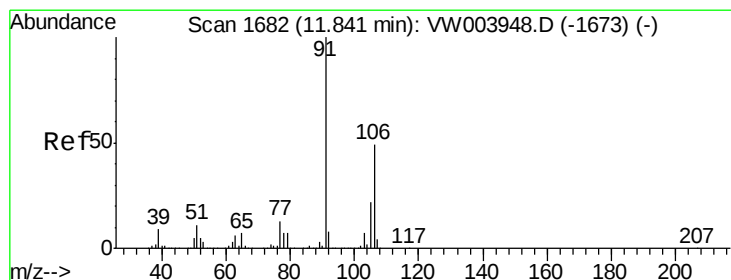
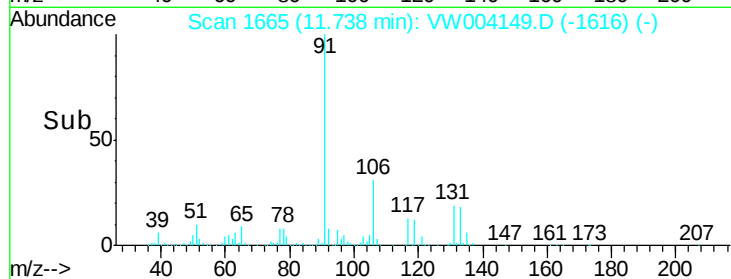
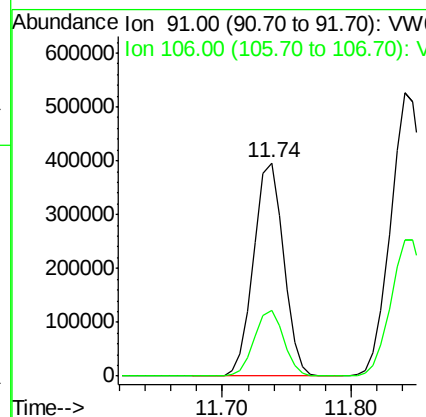
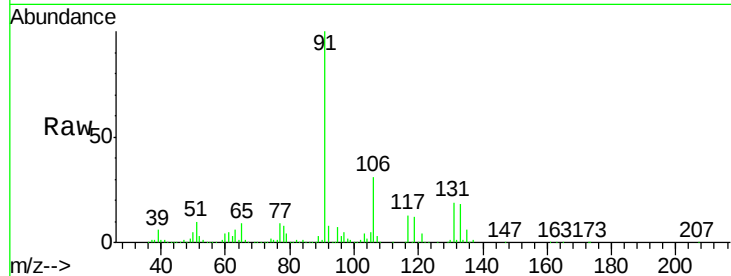




#67
Ethyl Benzene
Concen: 51.742 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

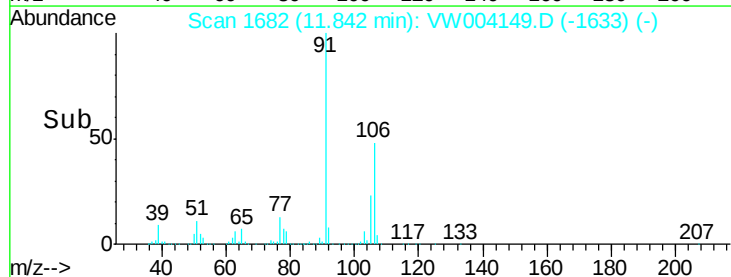
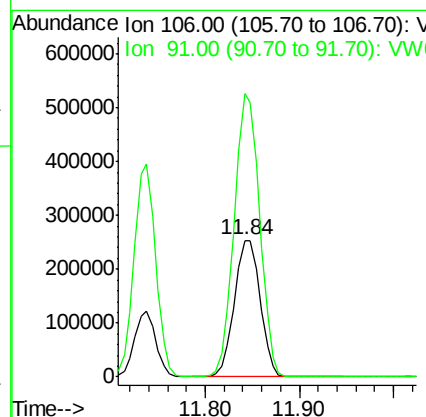
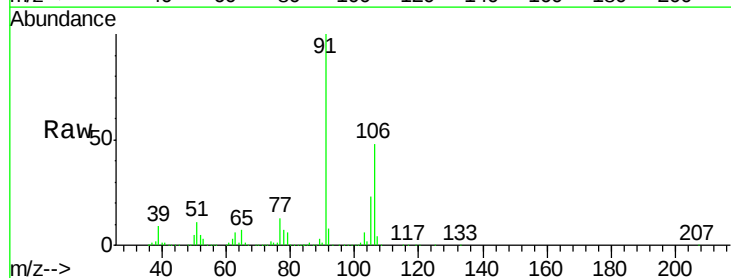
Instrument :
MSVOA_W
ClientSampled :

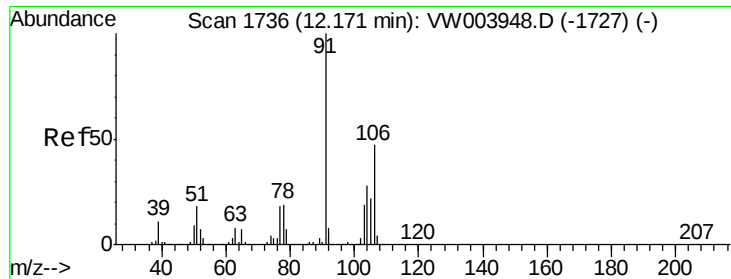
Tot Ion: 91 Resp: 635247
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 102.920 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion: 106 Resp: 482943
Ion Ratio Lower Upper
106 100
91 204.0 164.2 246.2

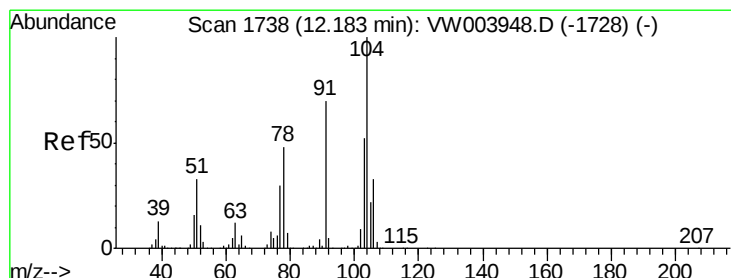
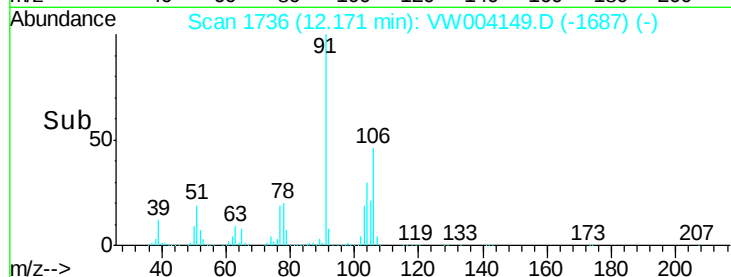
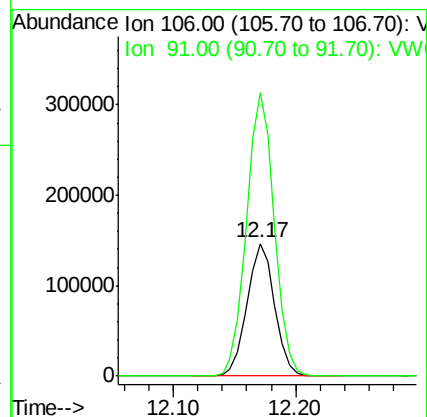
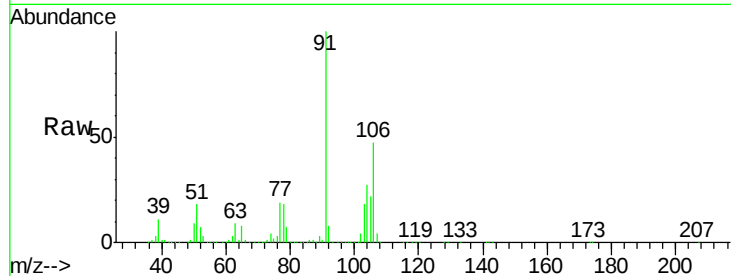




#69
o-Xylene
Concen: 52.348 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

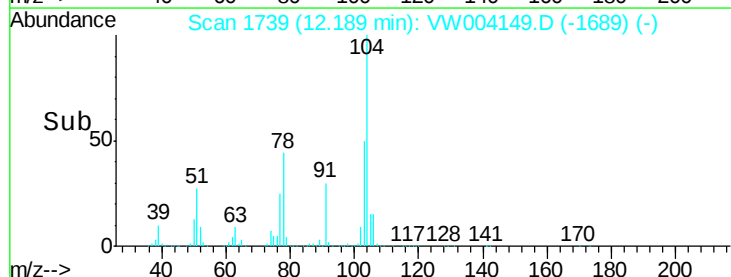
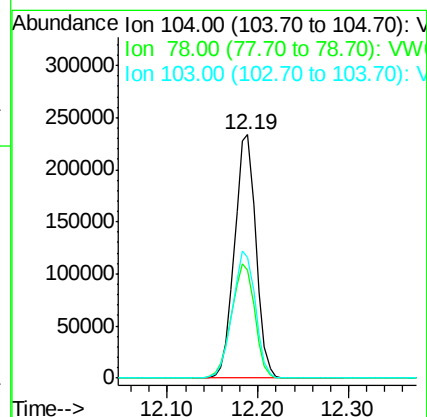
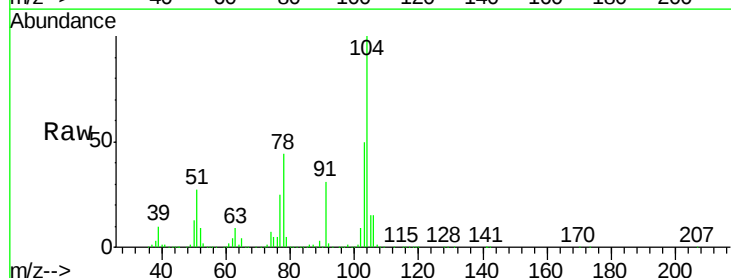
Instrument :
MSVOA_W
ClientSampled :

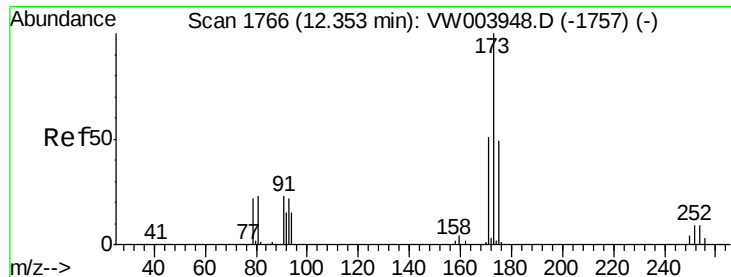
Tot Ion:106 Resp: 227859
Ion Ratio Lower Upper
106 100
91 215.7 107.5 322.6



#70
Styrene
Concen: 52.731 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:104 Resp: 383372
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 55.8 44.6 67.0





#71

Bromoform

Concen: 56.023 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampled :

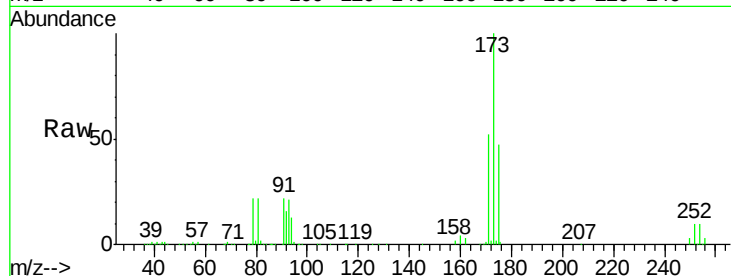
Tot Ion:173 Resp: 76821

Ion Ratio Lower Upper

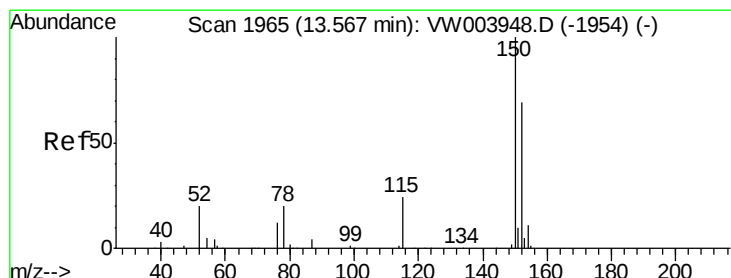
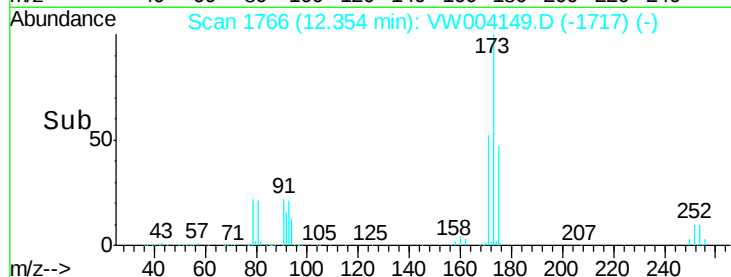
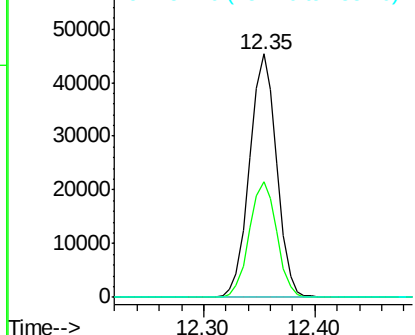
173 100

175 48.0 24.4 73.2

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

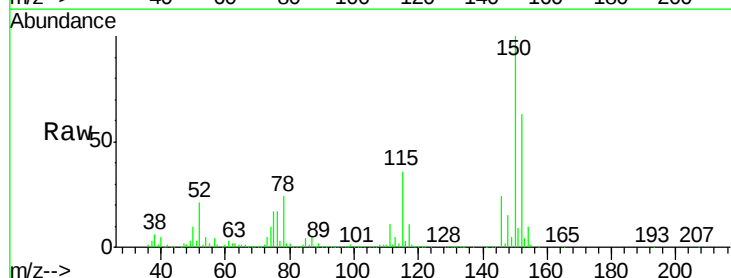
Tgt Ion:152 Resp: 159802

Ion Ratio Lower Upper

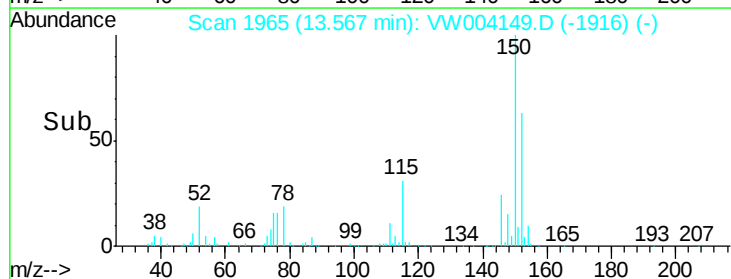
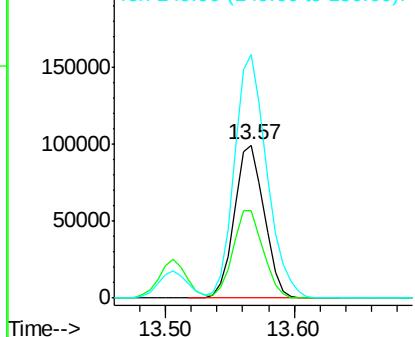
152 100

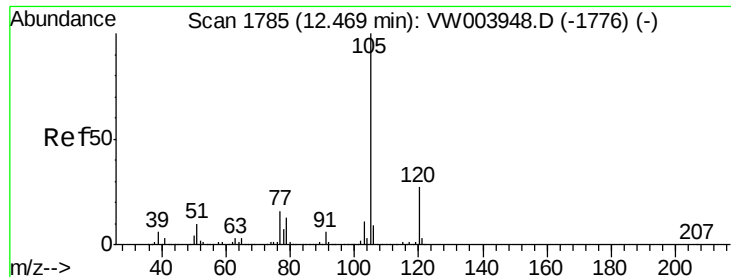
115 57.8 29.2 87.6

150 172.9 0.0 345.2



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: 52.301 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

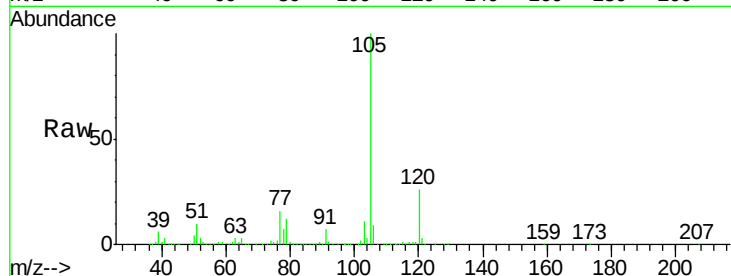
ClientSampleId :

Tot Ion:105 Resp: 590576

Ion Ratio Lower Upper

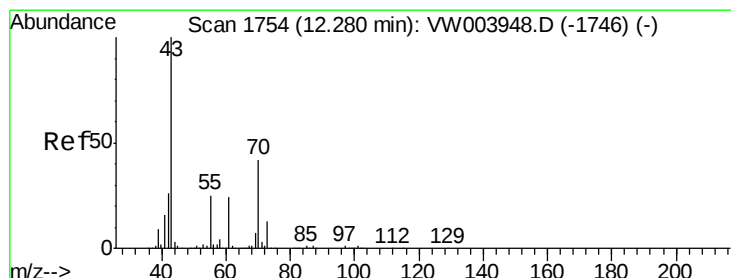
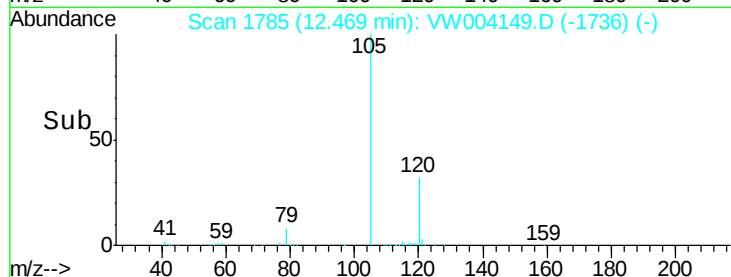
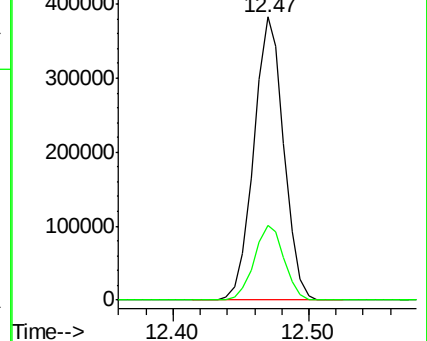
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.971 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Tgt Ion: 43 Resp: 135259

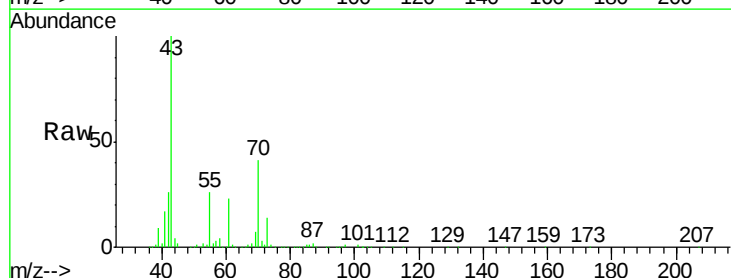
Ion Ratio Lower Upper

43 100

70 40.2 31.6 47.4

55 26.0 20.0 30.0

61 22.8 18.5 27.7

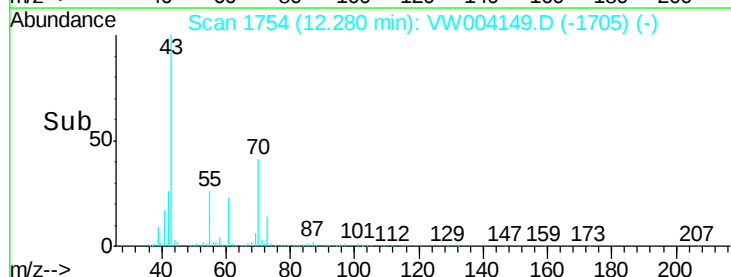
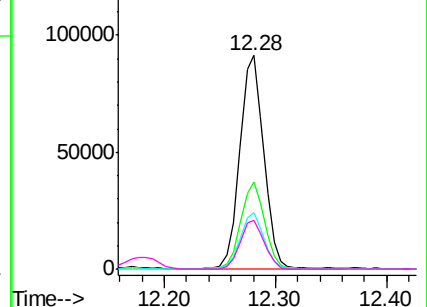


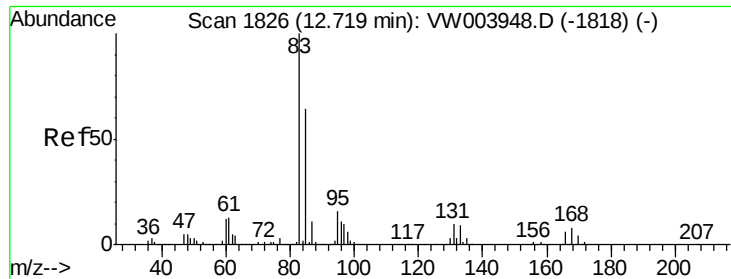
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 60.674 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampled :

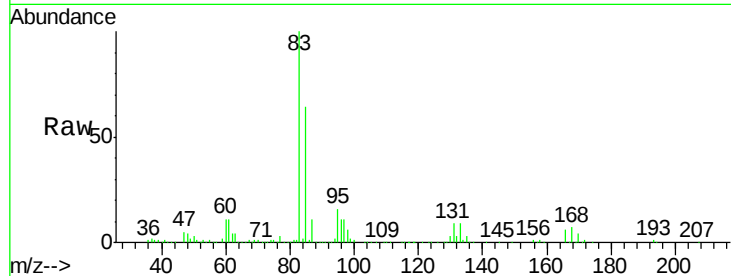
Tot Ion: 83 Resp: 132498

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

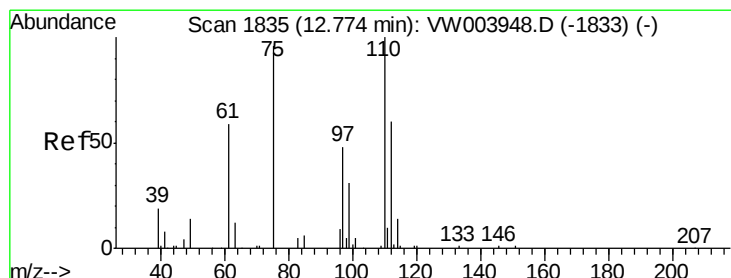
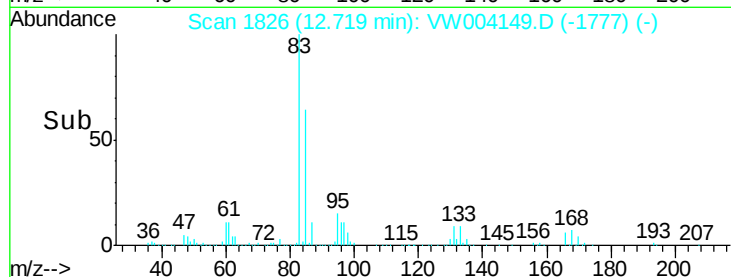
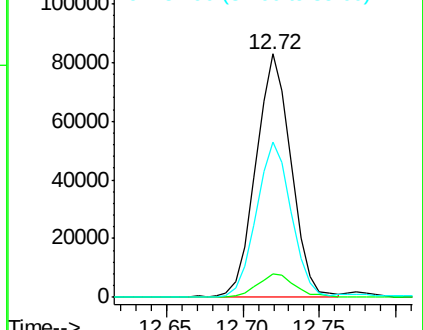
85 63.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 107.532 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004149.D

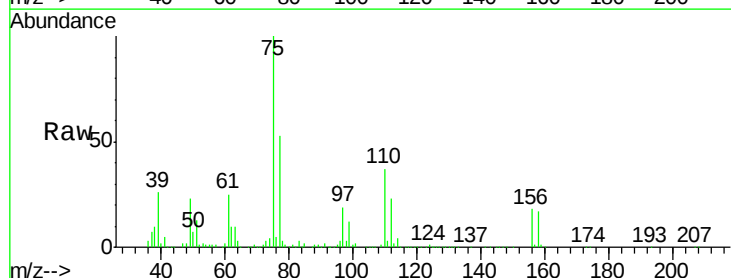
Acq: 23 Jul 2018 20:23

Tgt Ion: 75 Resp: 170596

Ion Ratio Lower Upper

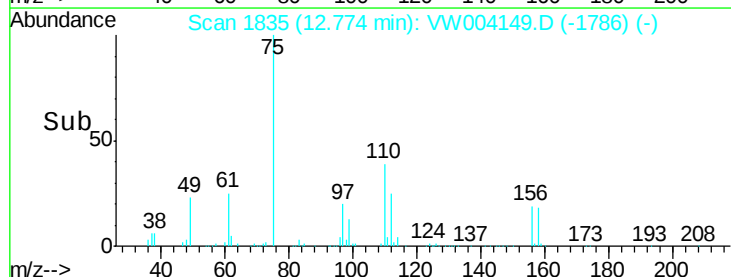
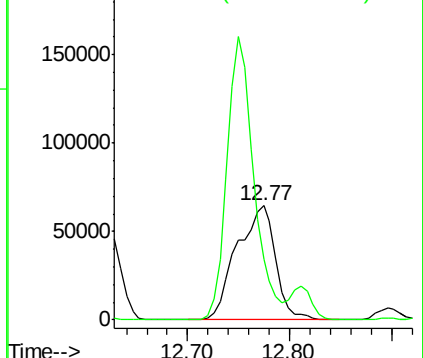
75 100

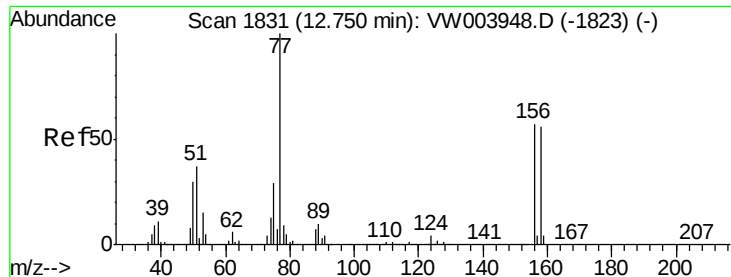
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.160 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

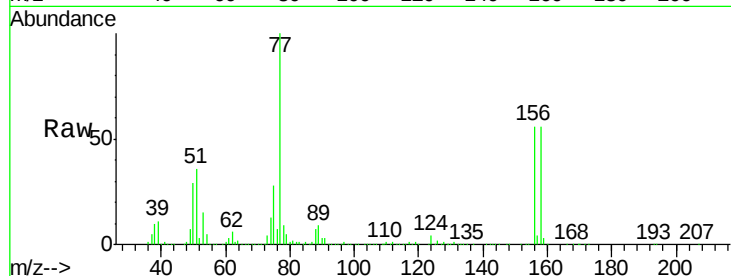
Tot Ion:156 Resp: 146341

Ion Ratio Lower Upper

156 100

77 198.4 96.2 288.6

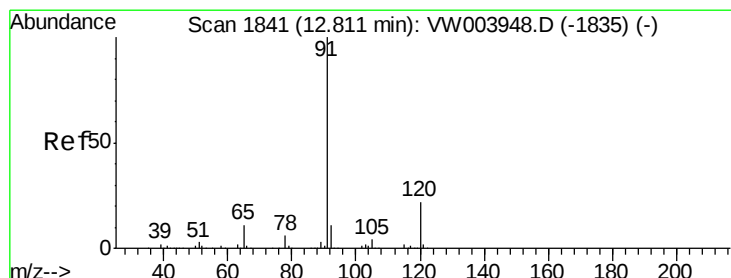
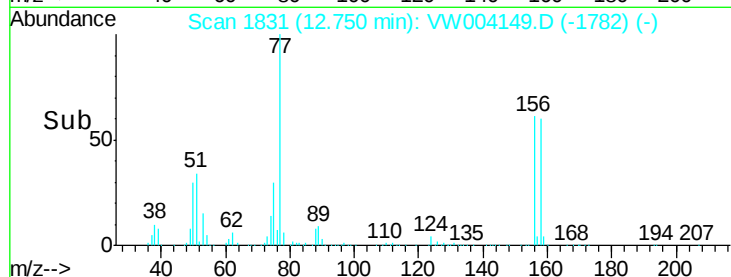
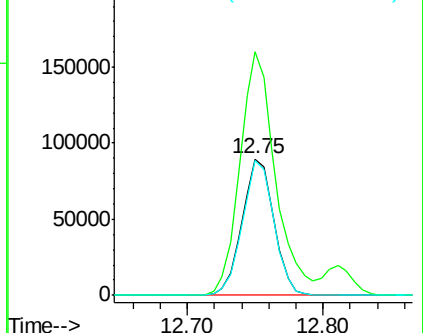
158 97.9 48.5 145.5



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: 51.518 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004149.D

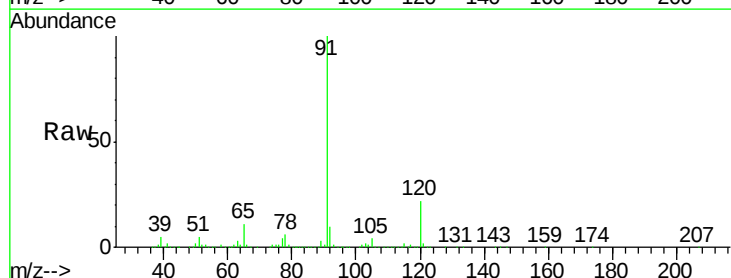
Acq: 23 Jul 2018 20:23

Tgt Ion: 91 Resp: 713690

Ion Ratio Lower Upper

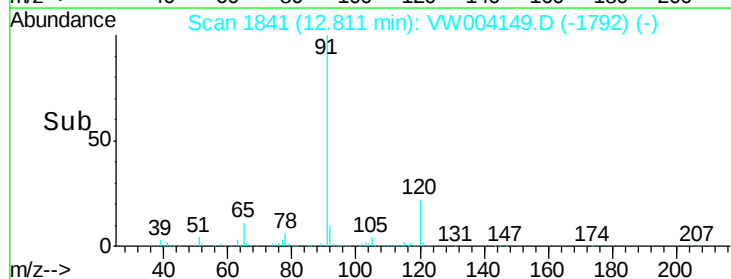
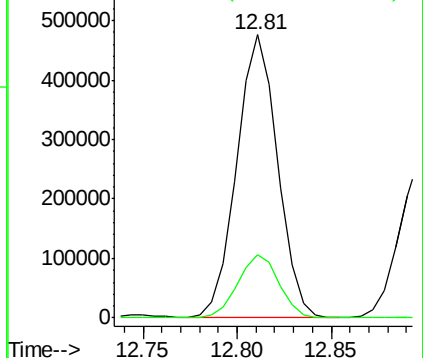
91 100

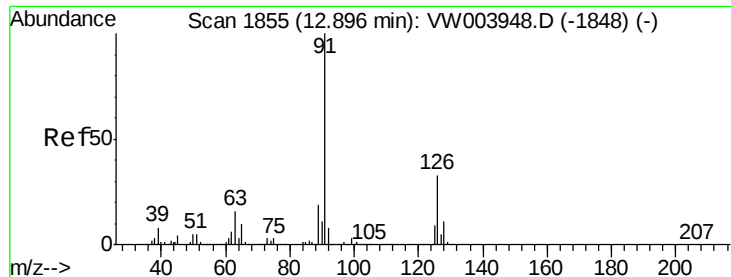
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.435 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

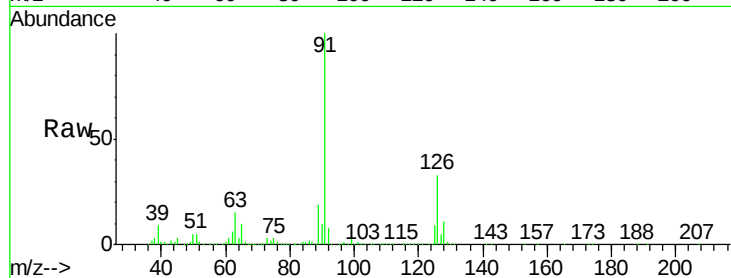
ClientSampled :

Tot Ion: 91 Resp: 417504

Ion Ratio Lower Upper

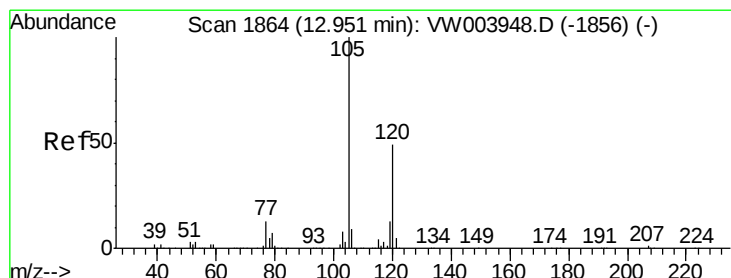
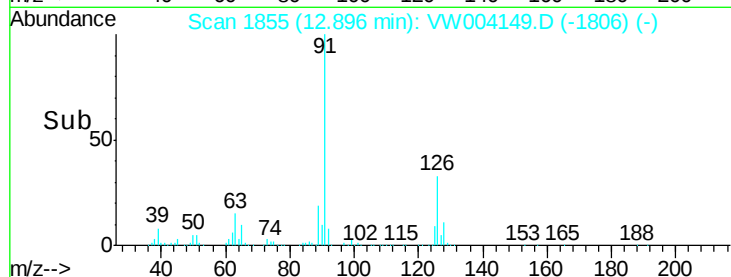
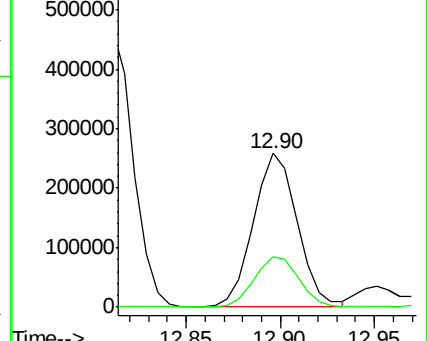
91 100

126 33.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.928 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004149.D

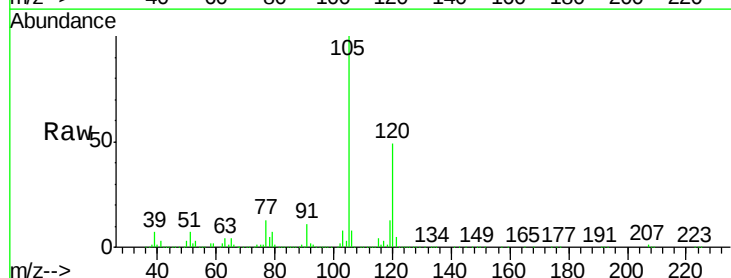
Acq: 23 Jul 2018 20:23

Tgt Ion:105 Resp: 493458

Ion Ratio Lower Upper

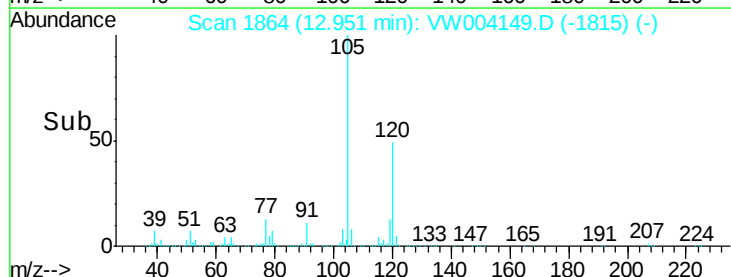
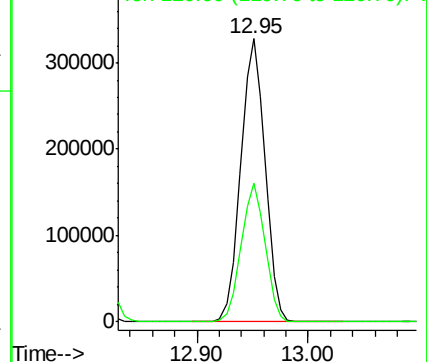
105 100

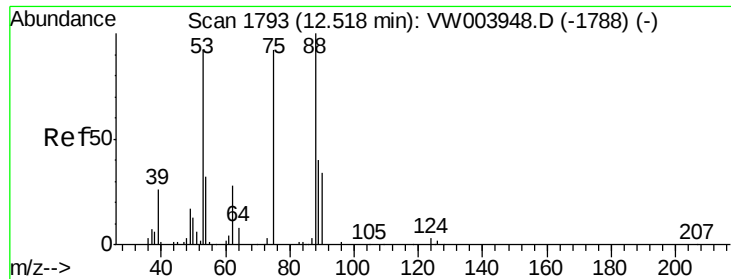
120 48.3 24.4 73.2



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: 49.408 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampleId :

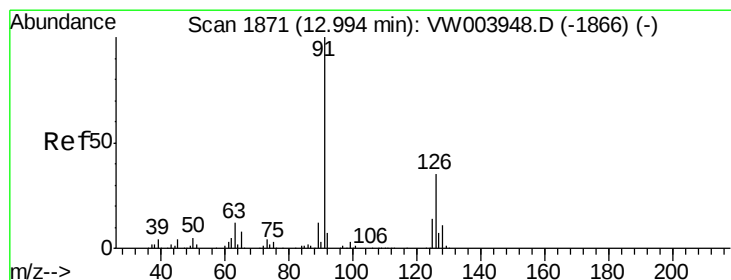
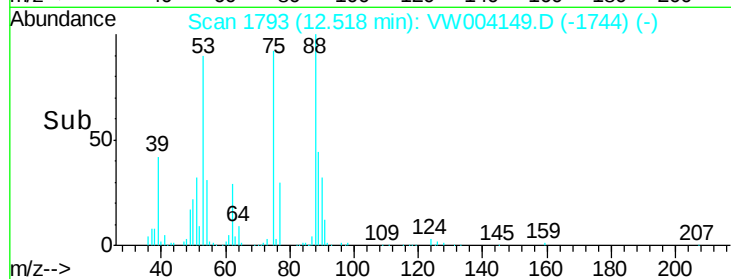
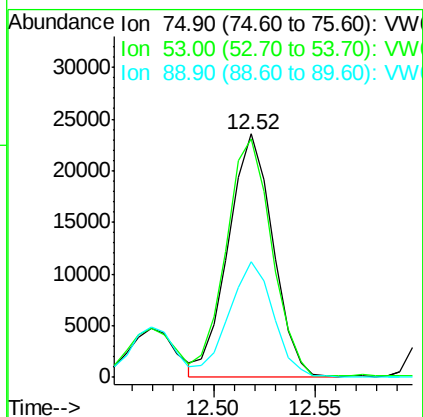
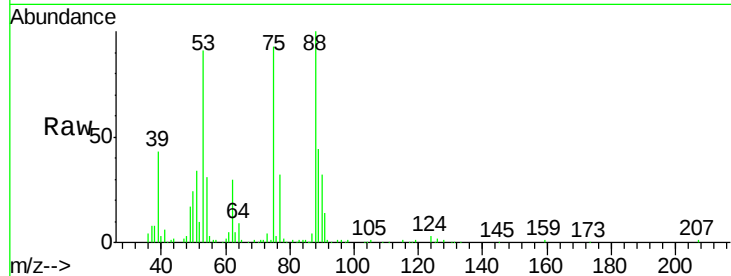
Tot Ion: 75 Resp: 35436

Ion Ratio Lower Upper

75 100

53 100.5 77.6 116.4

89 48.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 52.750 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004149.D

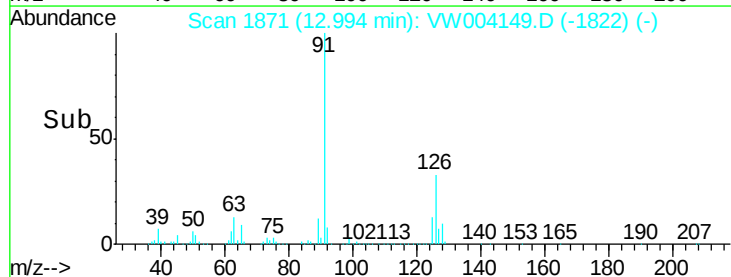
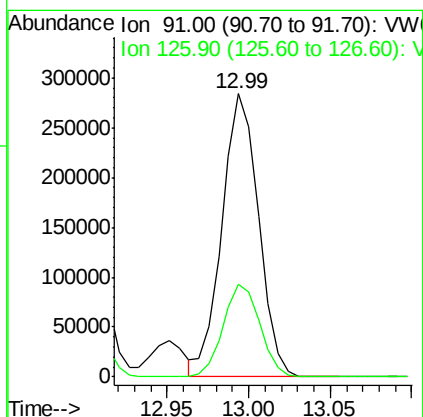
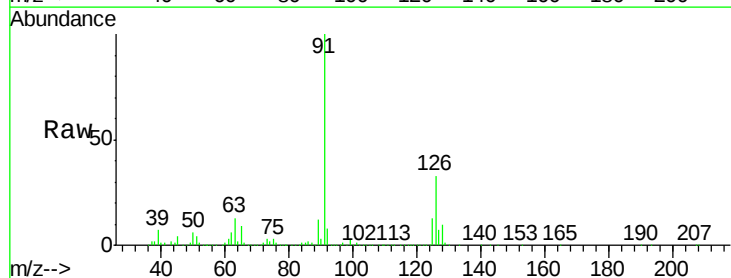
Acq: 23 Jul 2018 20:23

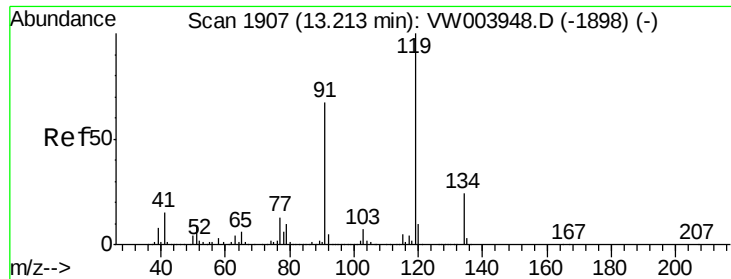
Tgt Ion: 91 Resp: 442306

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.0

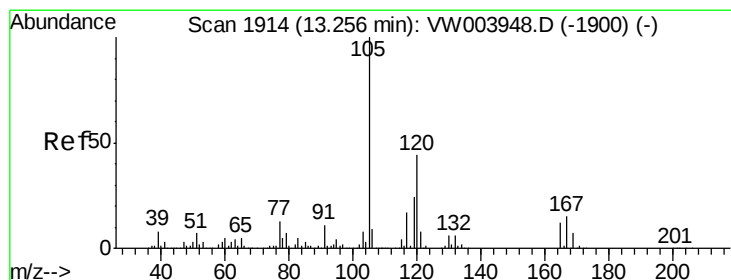
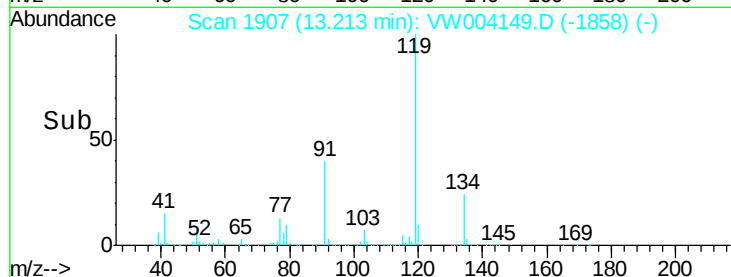
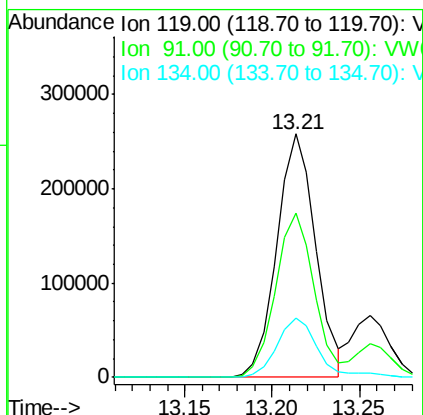
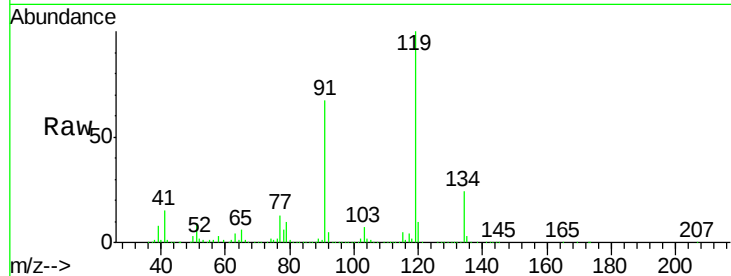




#83
tert-Butylbenzene
Concen: 50.164 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

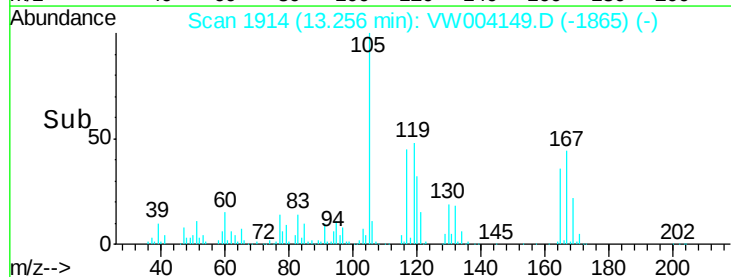
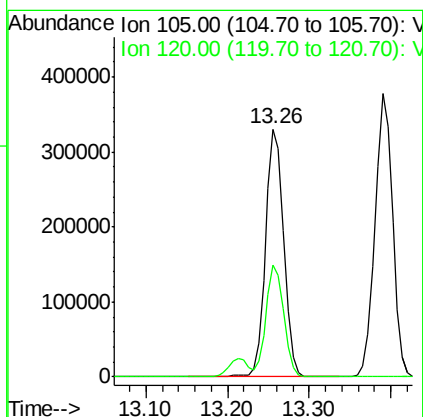
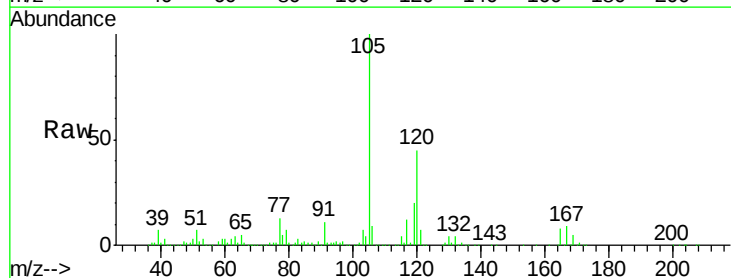
Instrument :
MSVOA_W
ClientSampled :

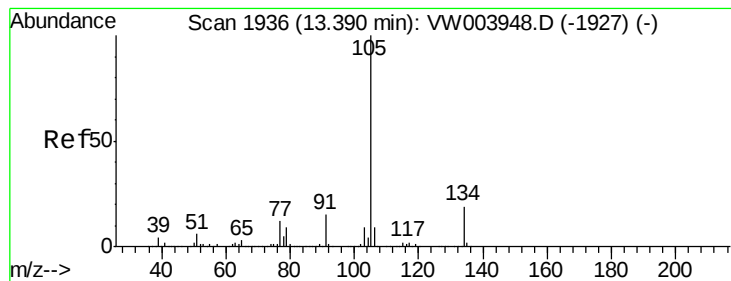
Tot Ion:119 Resp: 400219
Ion Ratio Lower Upper
119 100
91 66.8 33.2 99.6
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.508 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:105 Resp: 513361
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.689 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

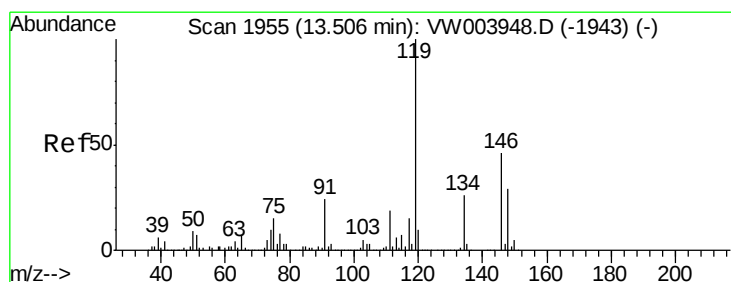
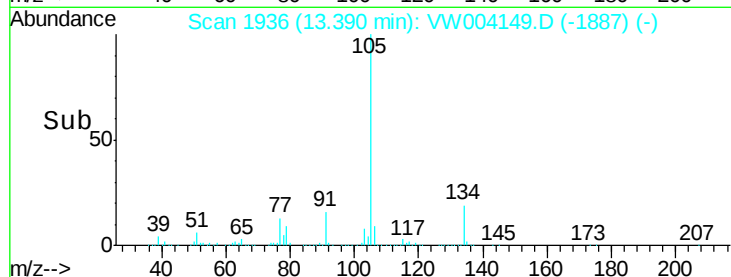
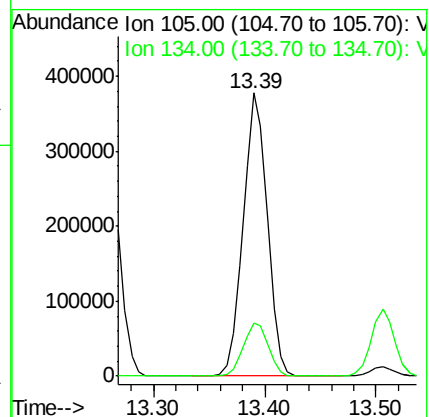
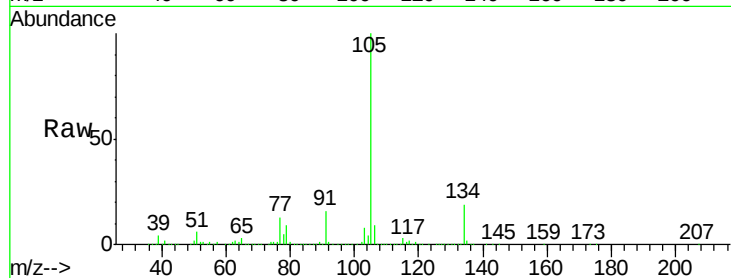
ClientSampleId :

Tot Ion:105 Resp: 564520

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 48.321 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

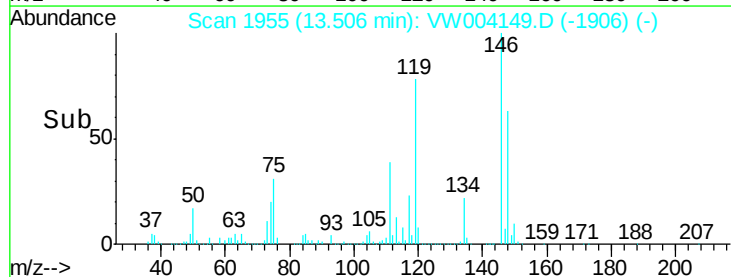
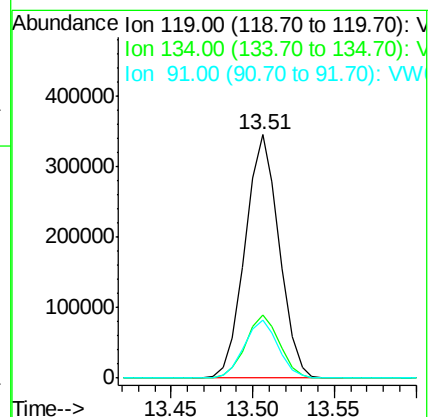
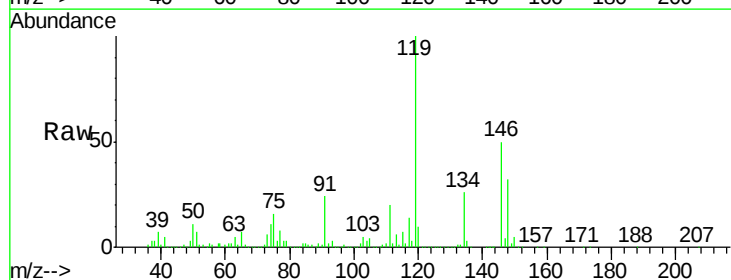
Tgt Ion:119 Resp: 501732

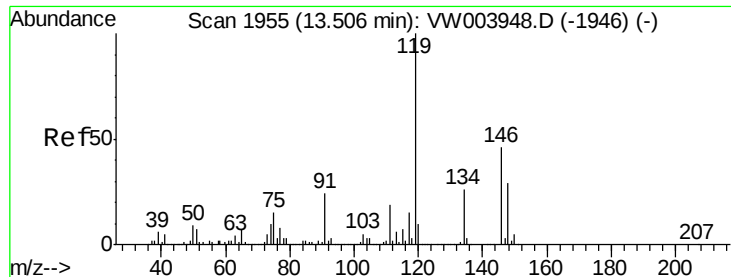
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.7 11.8 35.3

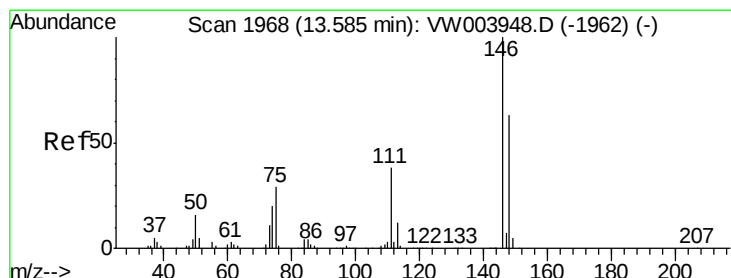
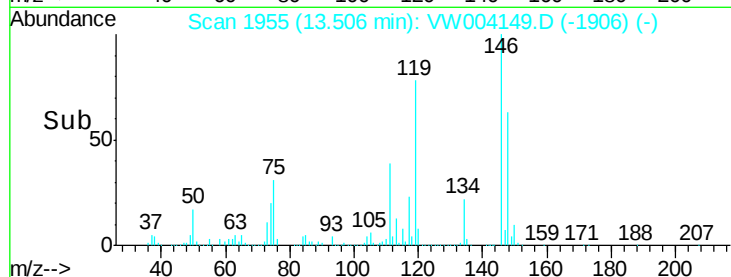
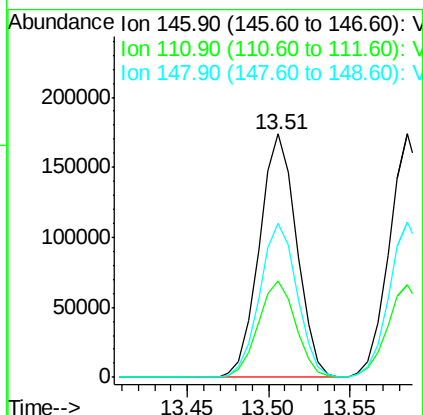
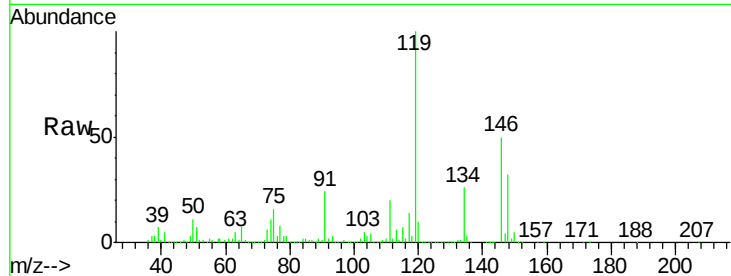




#87
 1,3-Dichlorobenzene
 Concen: 50.981 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

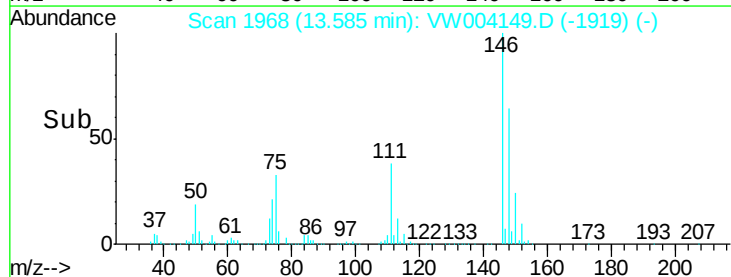
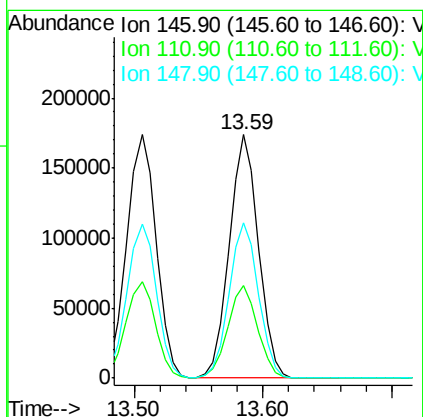
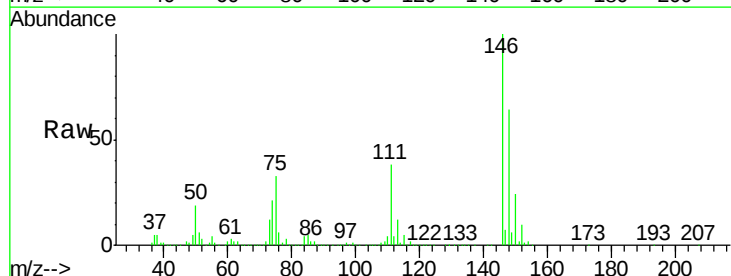
Instrument :
 MSVOA_W
 ClientSampleId :

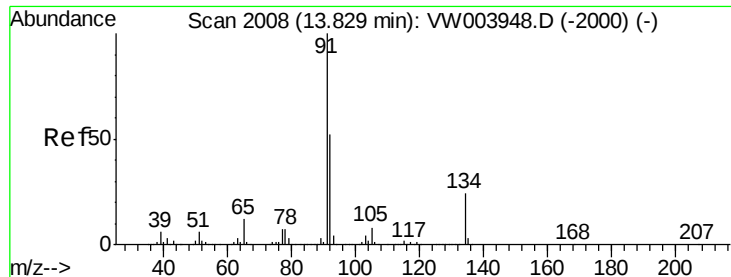
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	63.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.685 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.2	32.3	96.8





#89

n-Butylbenzene

Concen: 44.236 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004149.D

Acq: 23 Jul 2018 20:23

Instrument :

MSVOA_W

ClientSampled :

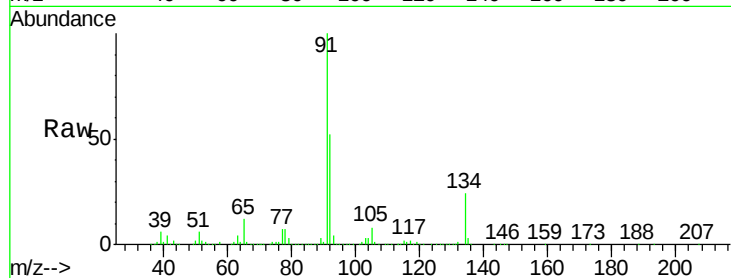
Tot Ion: 91 Resp: 451534

Ion Ratio Lower Upper

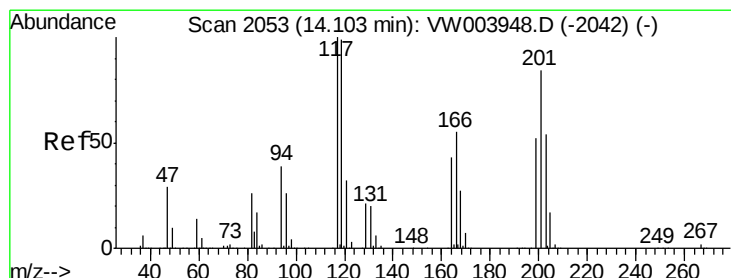
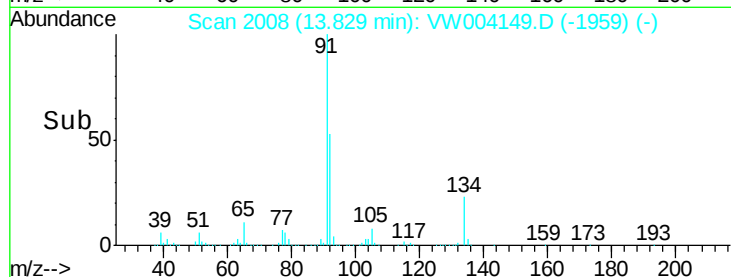
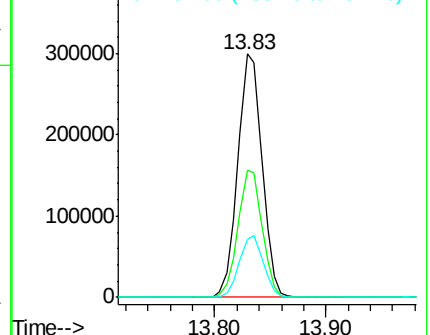
91 100

92 52.2 26.1 78.3

134 25.1 12.4 37.4



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



#90

Hexachloroethane

Concen: 46.801 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004149.D

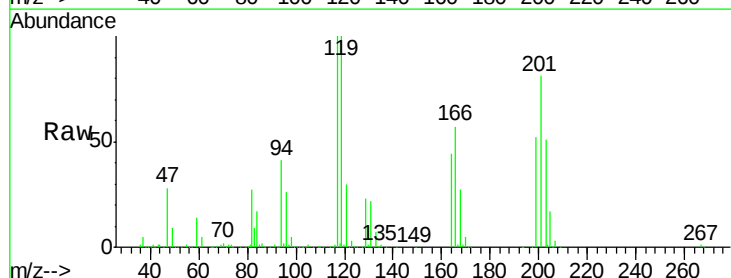
Acq: 23 Jul 2018 20:23

Tgt Ion: 117 Resp: 89578

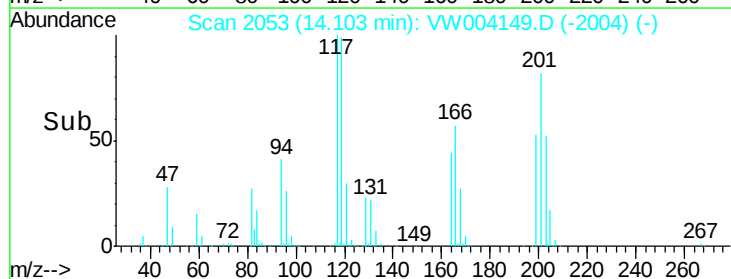
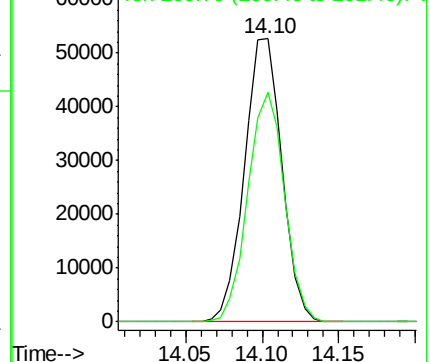
Ion Ratio Lower Upper

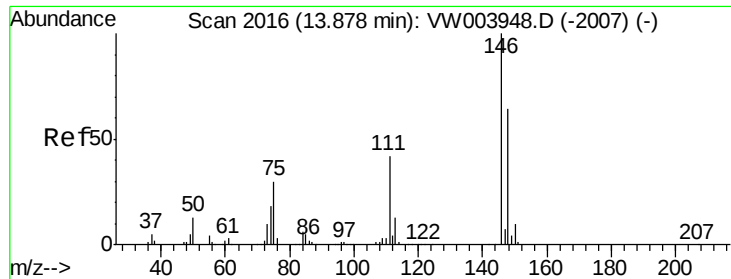
117 100

201 79.5 40.3 120.9



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

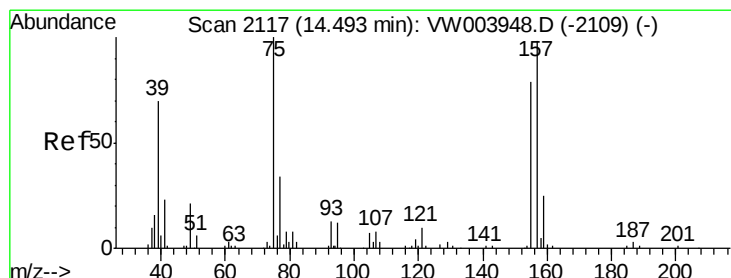
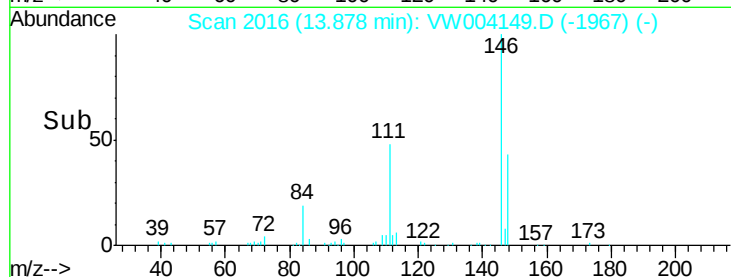
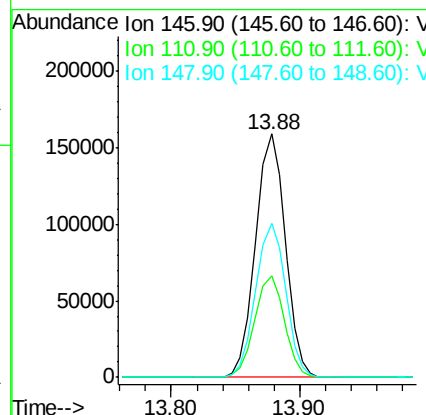
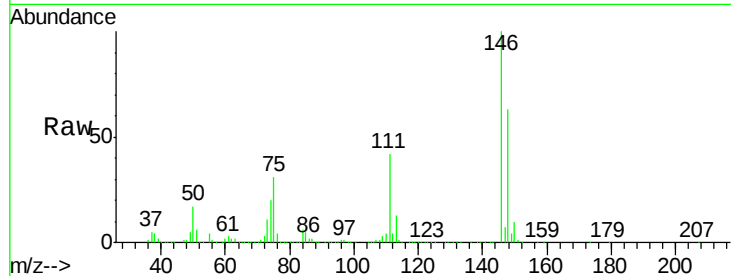




#91
 1,2-Dichlorobenzene
 Concen: 52.763 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

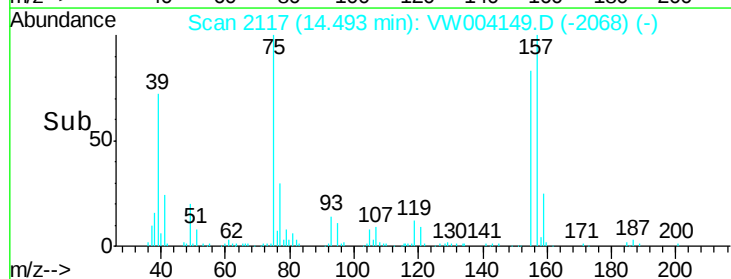
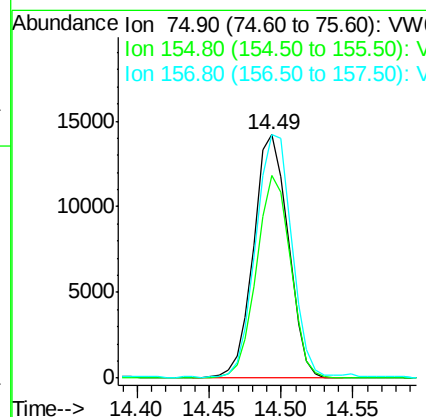
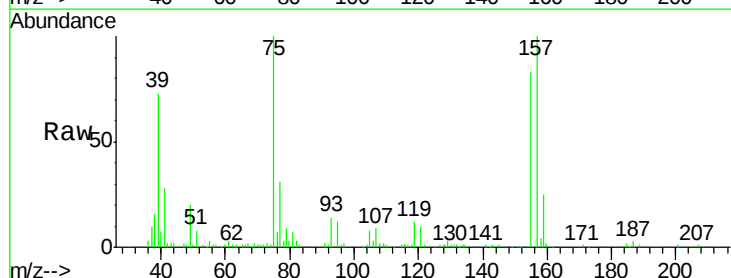
Instrument :
 MSVOA_W
 ClientSampleId :

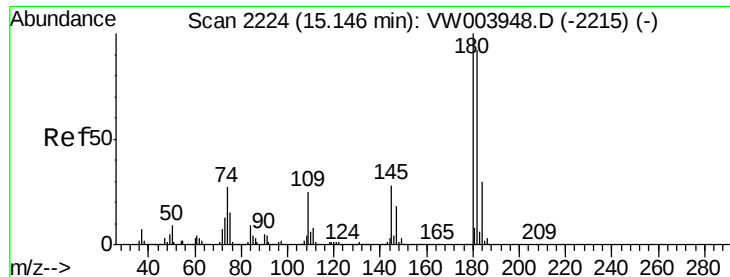
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	63.7	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.743 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	39.4	118.1
157	104.3	51.8	155.4

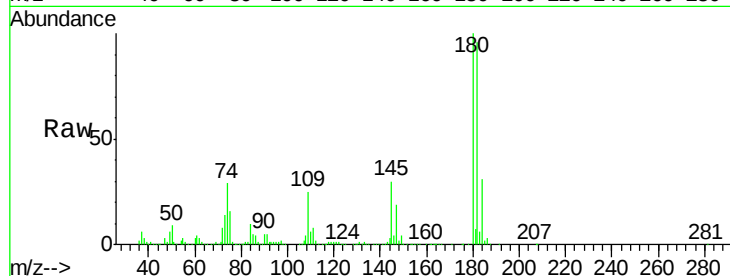




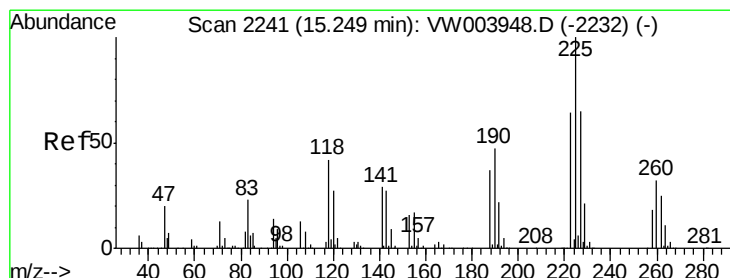
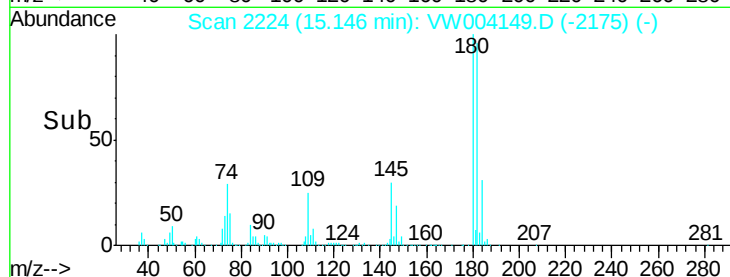
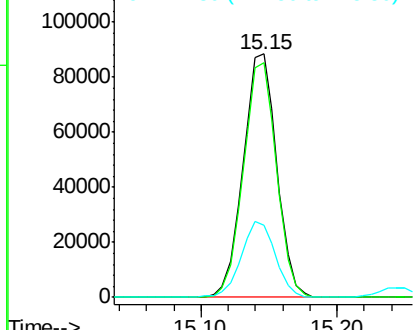
#93
 1,2,4-Trichlorobenzene
 Concen: 45.099 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.8
145	31.8	15.0	45.0

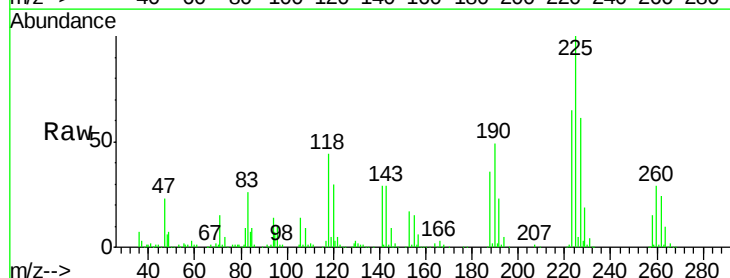


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

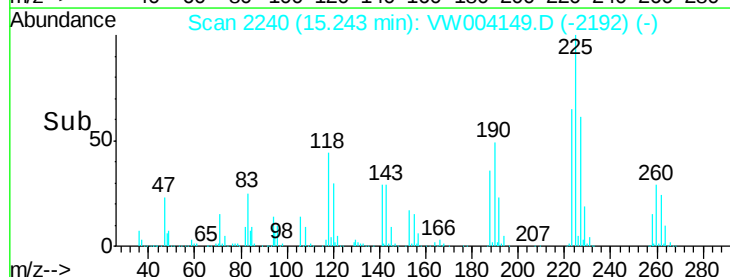
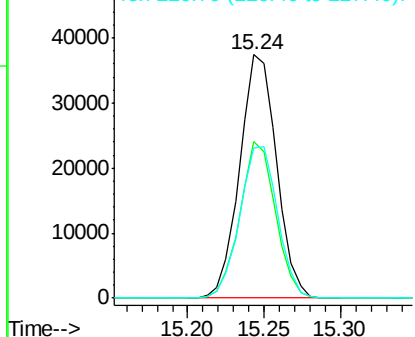


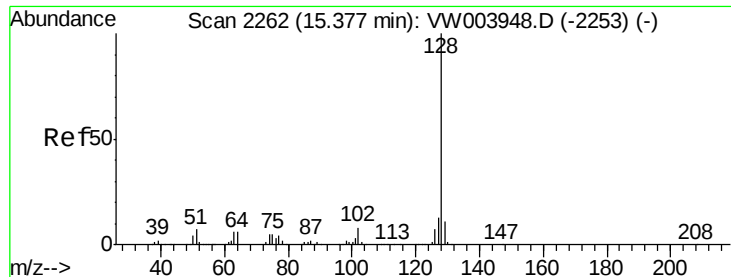
#94
 Hexachlorobutadiene
 Concen: 32.260 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004149.D
 Acq: 23 Jul 2018 20:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.0	96.2
227	63.9	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

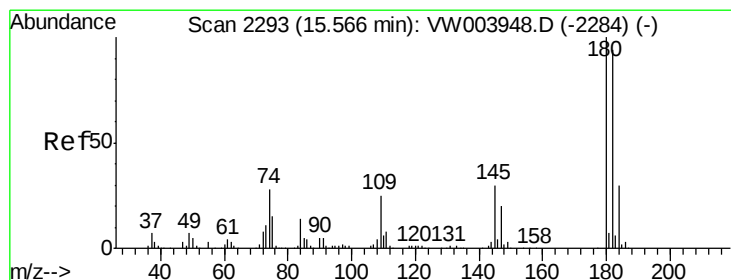
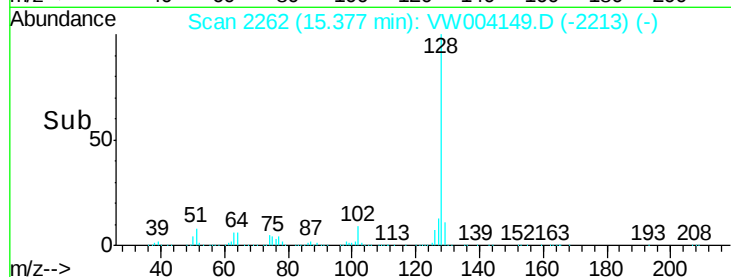
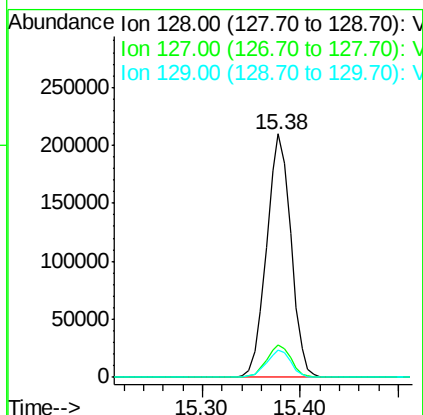
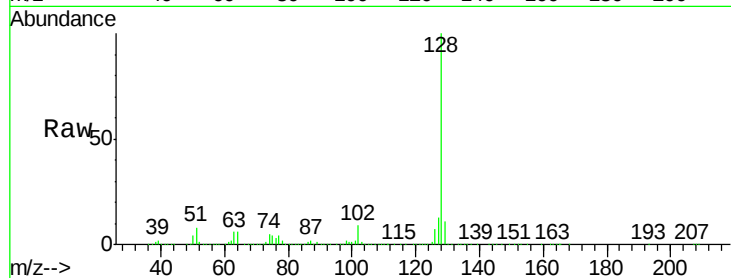




#95
Naphthalene
Concen: 58.089 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 362060
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.415 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004149.D
Acq: 23 Jul 2018 20:23

Tgt Ion:180 Resp: 138770
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.6
145 33.6 15.8 47.4

