

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008088.D
 Acq On : 08 Jan 2019 16:28
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 09 03:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	157508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49866	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	44935	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.32	98	192531	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.62	95	68010	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31017	40.208	ug/l	100
3) Chloromethane	2.21	50	43786	68.475	ug/l	100
4) Vinyl Chloride	2.37	62	59403	71.420	ug/l	100
5) Bromomethane	2.79	94	40836	75.533	ug/l	100
6) Chloroethane	2.93	64	41563	89.970	ug/l	100
7) Trichlorofluoromethane	3.26	101	49733	62.081	ug/l	100
8) Diethyl Ether	3.68	74	26037	61.987	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47661	52.049	ug/l	100
10) Methyl Iodide	4.26	142	70225	48.218	ug/l	100
11) Tert butyl alcohol	5.24	59	15687	245.819	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	46729	52.748	ug/l	100
13) Acrolein	3.90	56	18343	388.753	ug/l	100
14) Allyl chloride	4.67	41	85894	67.510	ug/l	100
15) Acrylonitrile	5.37	53	50292	325.766	ug/l	100
16) Acetone	4.14	43	45315	292.517	ug/l	100
17) Carbon Disulfide	4.37	76	151170	55.759	ug/l	100
18) Methyl Acetate	4.67	43	31049	73.166	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	74496	53.370	ug/l	100
20) Methylene Chloride	4.91	84	48876	47.020	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	50833	52.785	ug/l	100
22) Diisopropyl ether	6.31	45	160129	69.547	ug/l	100
23) Vinyl Acetate	6.26	43	422509	332.226	ug/l	100
24) 1,1-Dichloroethane	6.21	63	93047	57.242	ug/l	100
25) 2-Butanone	7.18	43	63795	337.157	ug/l	100
26) 2,2-Dichloropropane	7.17	77	62542	48.265	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53905	52.411	ug/l	100
28) Bromochloromethane	7.51	49	37837	68.484	ug/l	100
29) Tetrahydrofuran	7.53	42	43477	361.362	ug/l	100
30) Chloroform	7.68	83	89838	50.554	ug/l	100
31) Cyclohexane	7.96	56	96979	62.132	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	78845	47.214	ug/l	100
36) 1,1-Dichloropropene	8.09	75	76887	49.859	ug/l	100
37) Ethyl Acetate	7.26	43	30336	61.690	ug/l	100
38) Carbon Tetrachloride	8.07	117	69186	38.971	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008088.D
 Acq On : 08 Jan 2019 16:28
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 09 03:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97727	50.568	ug/l	100
40) Benzene	8.32	78	208666	50.898	ug/l	100
41) Methacrylonitrile	7.48	41	17765	62.988	ug/l	100
42) 1,2-Dichloroethane	8.40	62	58421	43.996	ug/l	100
43) Isopropyl Acetate	8.43	43	60213	61.956	ug/l	100
44) Trichloroethene	9.09	130	52308	44.378	ug/l	100
45) 1,2-Dichloropropane	9.37	63	51778	56.939	ug/l	100
46) Dibromomethane	9.46	93	25163	48.972	ug/l	100
47) Bromodichloromethane	9.65	83	65314	45.781	ug/l	100
48) Methyl methacrylate	9.44	41	29603	60.304	ug/l	100
49) 1,4-Dioxane	9.48	88	8034	1044.167	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	145026	317.966	ug/l	100
52) Toluene	10.39	92	137074	50.721	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69328	49.896	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81127	51.838	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	35276	50.561	ug/l	100
56) Ethyl methacrylate	10.65	69	45539	56.272	ug/l	100
57) 1,3-Dichloropropane	10.93	76	64909	53.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	120076	303.865	ug/l	100
59) 2-Hexanone	10.97	43	100971	321.694	ug/l	100
60) Dibromochloromethane	11.13	129	40225	43.107	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34444	49.307	ug/l	100
64) Tetrachloroethene	10.86	164	41954	43.524	ug/l	100
65) Chlorobenzene	11.66	112	142247	46.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46645	43.042	ug/l	100
67) Ethyl Benzene	11.73	91	266574	49.185	ug/l	100
68) m/p-Xylenes	11.84	106	203855	97.538	ug/l	100
69) o-Xylene	12.17	106	94723	48.729	ug/l	100
70) Styrene	12.18	104	152298	48.190	ug/l	100
71) Bromoform	12.35	173	21196	42.392	ug/l #	100
73) Isopropylbenzene	12.47	105	256651	47.662	ug/l	100
74) N-amyl acetate	12.27	43	57513	64.202	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	40130	56.493	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	55003	99.512	ug/l	27
77) Bromobenzene	12.75	156	52368	45.643	ug/l	100
78) n-propylbenzene	12.81	91	317473	50.286	ug/l	100
79) 2-Chlorotoluene	12.90	91	176053	48.585	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	215060	46.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13067	55.541	ug/l	100
82) 4-Chlorotoluene	12.99	91	183802	47.737	ug/l	100
83) tert-Butylbenzene	13.21	119	188868	46.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	220809	47.139	ug/l	100
85) sec-Butylbenzene	13.39	105	276921	49.354	ug/l	100
86) p-Isopropyltoluene	13.50	119	240994	47.886	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	110726	47.436	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	109568	47.313	ug/l	100
89) n-Butylbenzene	13.83	91	235655	50.676	ug/l	100
90) Hexachloroethane	14.10	117	40318	46.316	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	96082	46.761	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6538	46.779	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
Data File : VW008088.D
Acq On : 08 Jan 2019 16:28
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jan 09 03:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

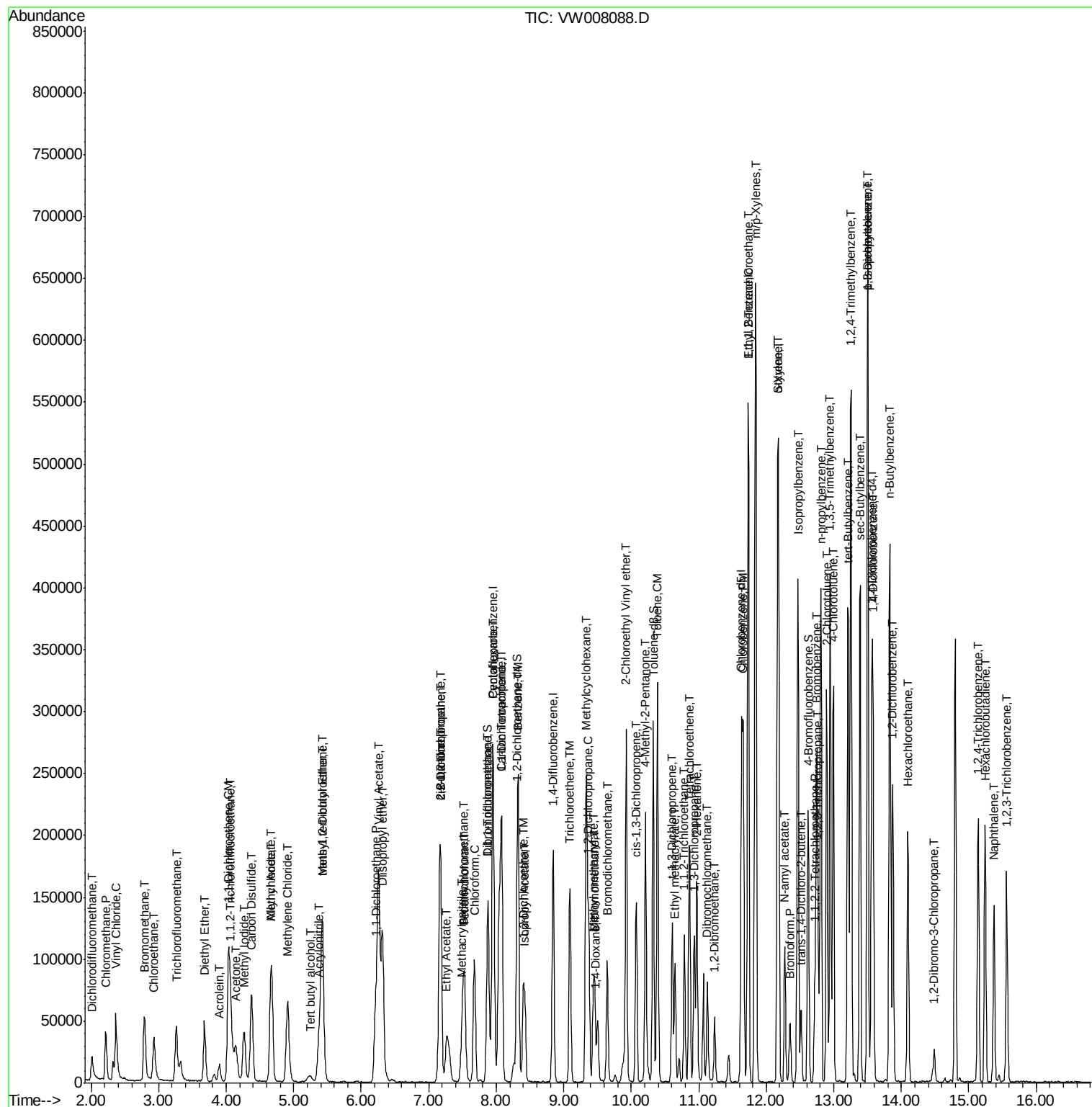
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61202	43.170	ug/l	100
94) Hexachlorobutadiene	15.24	225	33895	41.712	ug/l	100
95) Naphthalene	15.38	128	121861	49.591	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	54546	46.244	ug/l	100

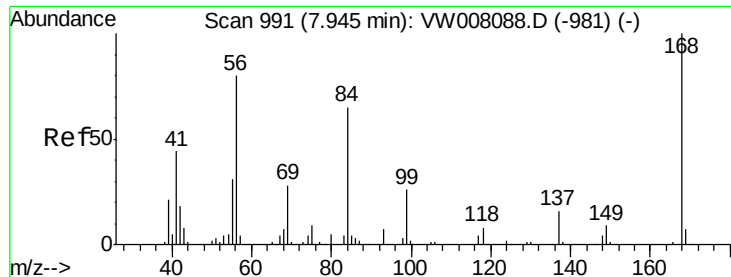
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008088.D
 Acq On : 08 Jan 2019 16:28
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 09 03:40:19 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

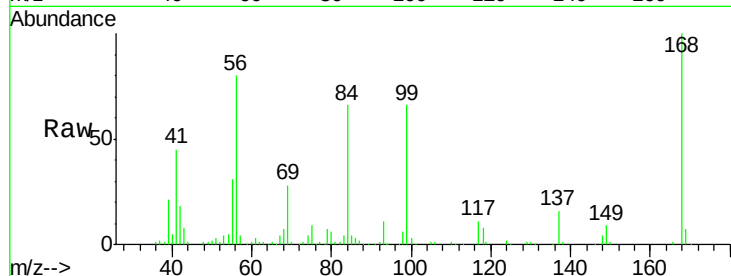
VSTDICCC050

Tot Ion:168 Resp: 87351

Ion Ratio Lower Upper

168 100

99 65.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

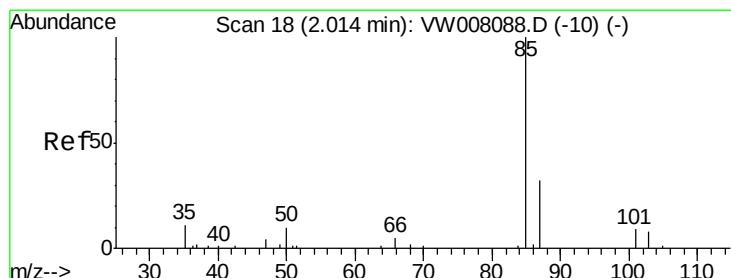
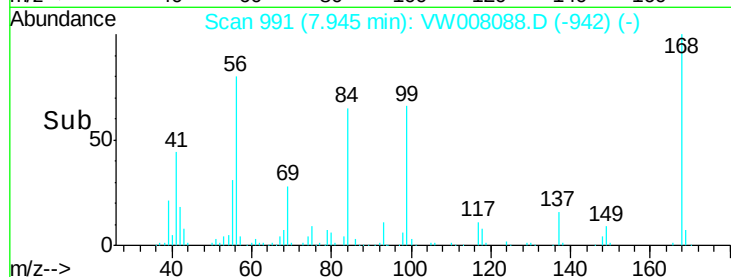
20000

10000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 40.208 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008088.D

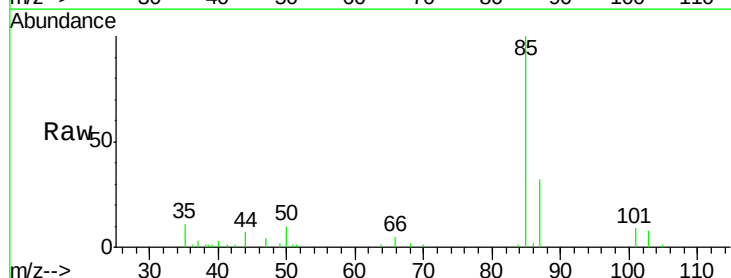
Acq: 08 Jan 2019 16:28

Tgt Ion: 85 Resp: 31017

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

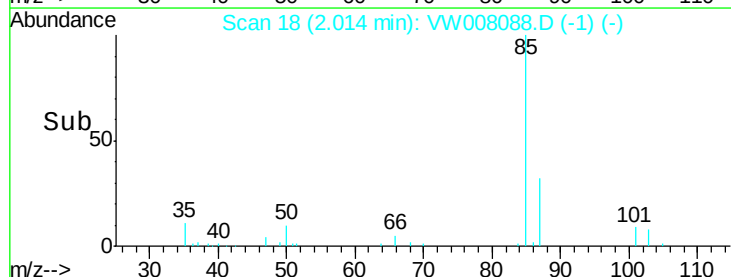
4000

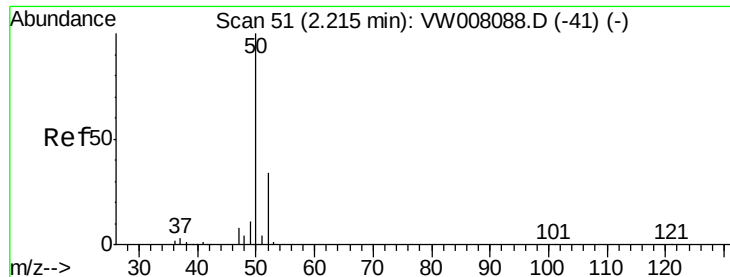
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 68.475 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

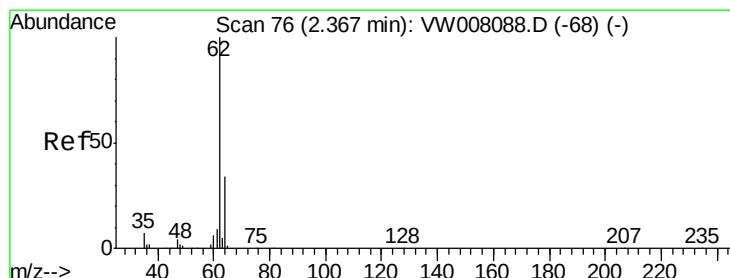
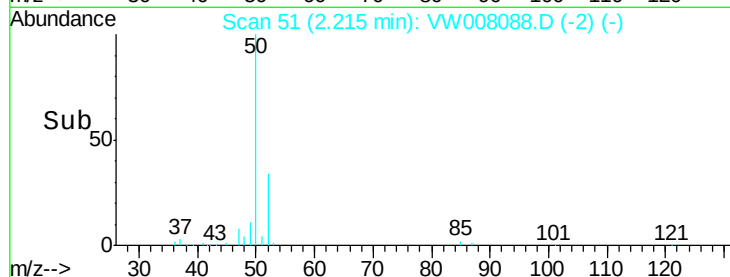
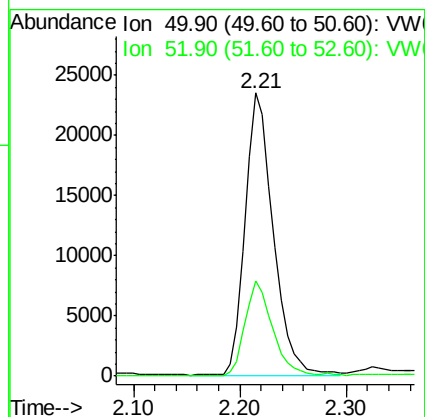
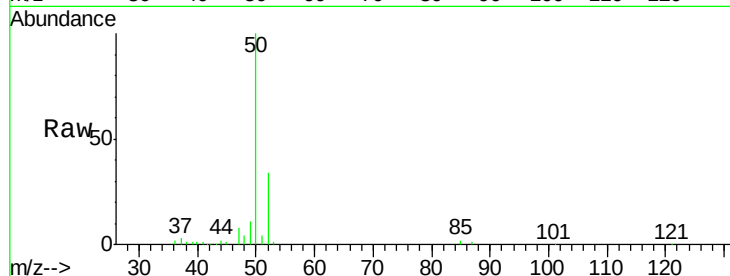
VSTDICCC050

Tot Ion: 50 Resp: 43786

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 71.420 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008088.D

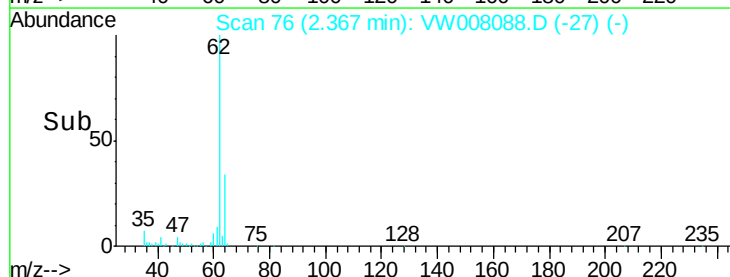
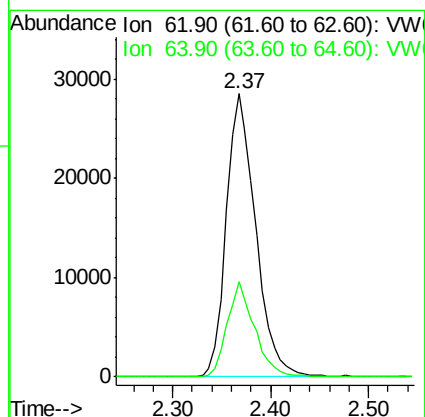
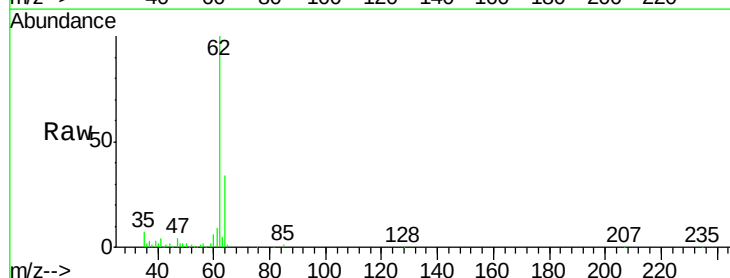
Acq: 08 Jan 2019 16:28

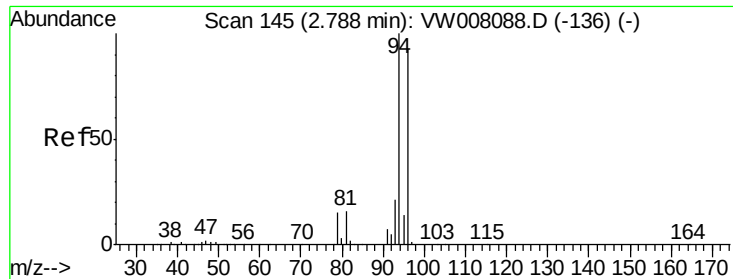
Tgt Ion: 62 Resp: 59403

Ion Ratio Lower Upper

62 100

64 33.8 27.0 40.6





#5

Bromomethane

Concen: 75.533 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

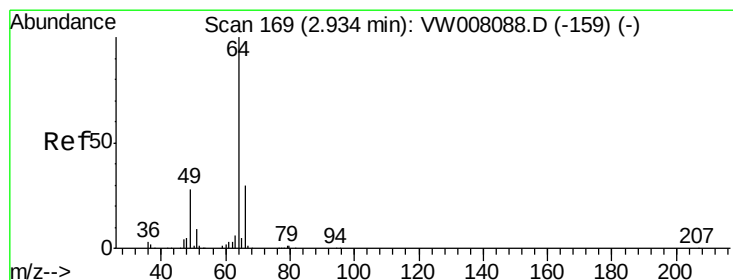
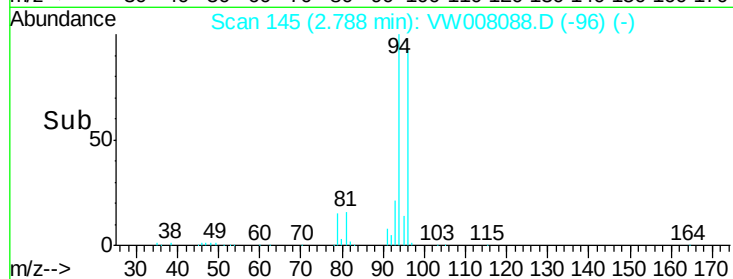
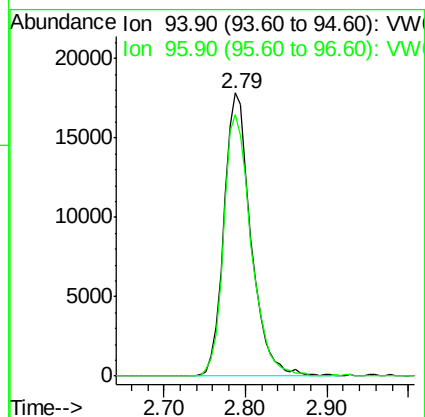
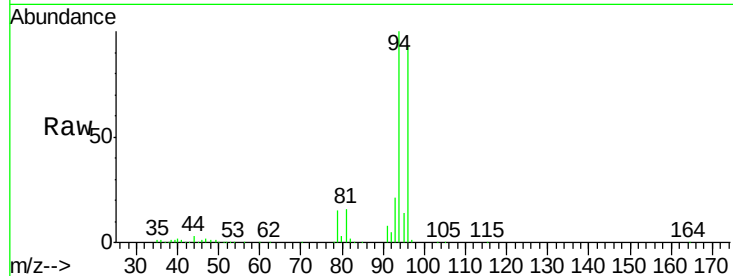
VSTDICCC050

Tot Ion: 94 Resp: 40836

Ion Ratio Lower Upper

94 100

96 92.6 74.1 111.1



#6

Chloroethane

Concen: 89.970 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW008088.D

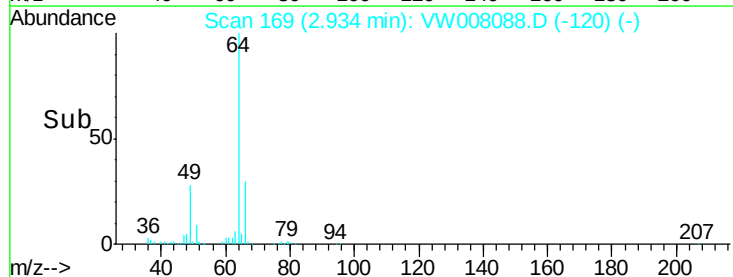
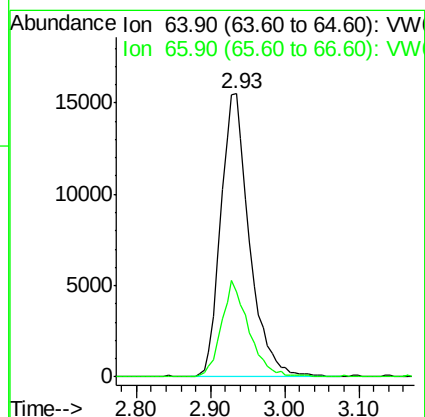
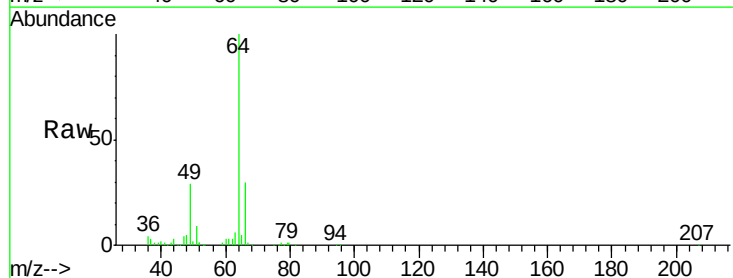
Acq: 08 Jan 2019 16:28

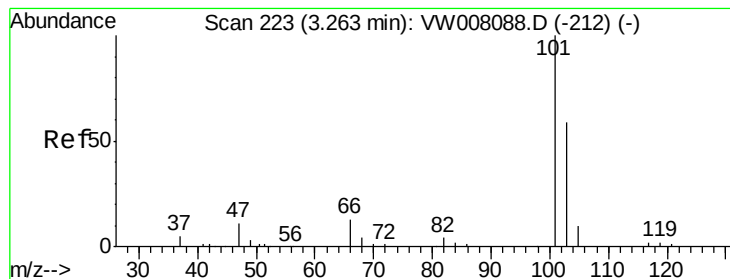
Tgt Ion: 64 Resp: 41563

Ion Ratio Lower Upper

64 100

66 30.2 24.2 36.2



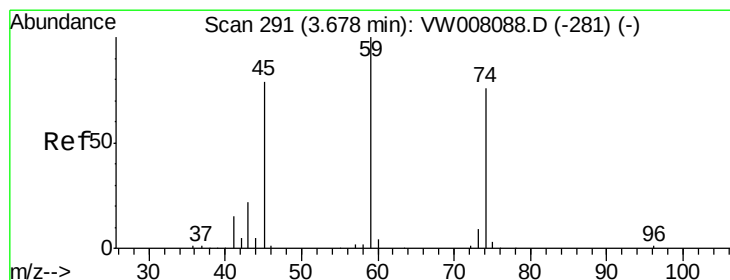
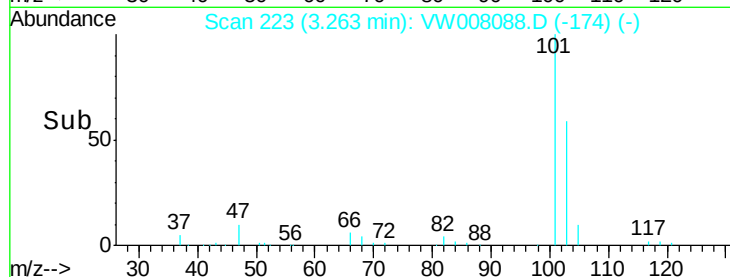
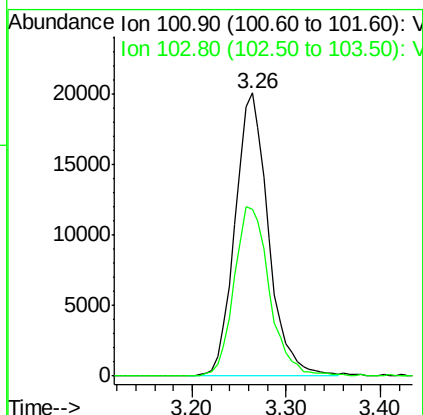
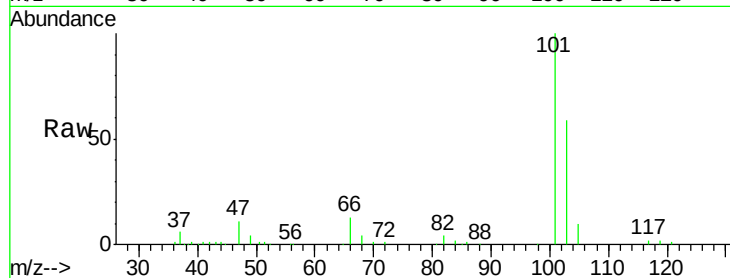


#7

Trichlorofluoromethane
Concen: 62.081 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

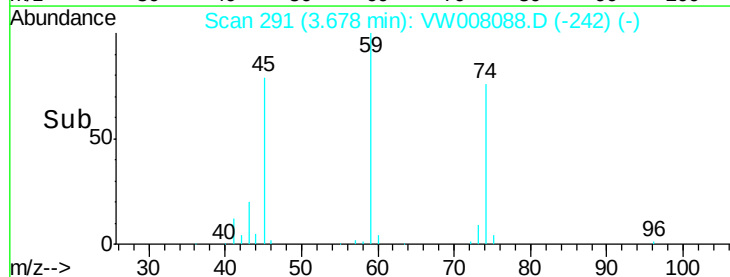
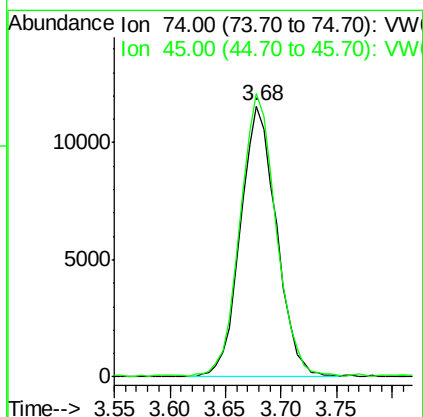
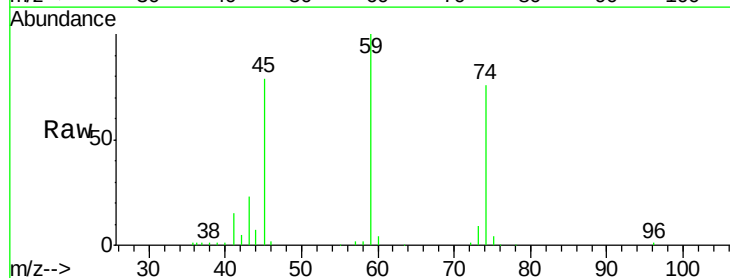
Tot Ion:101 Resp: 49733
Ion Ratio Lower Upper
101 100
103 58.8 47.0 70.6

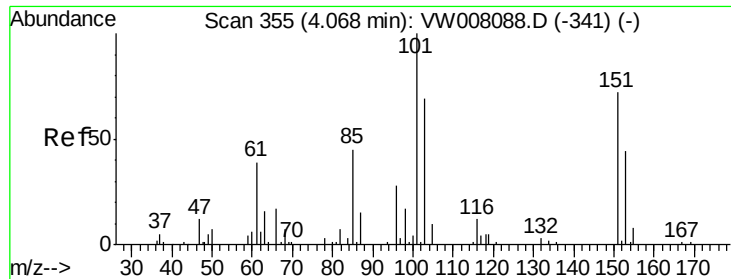


#8

Diethyl Ether
Concen: 61.987 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 74 Resp: 26037
Ion Ratio Lower Upper
74 100
45 104.9 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.049 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

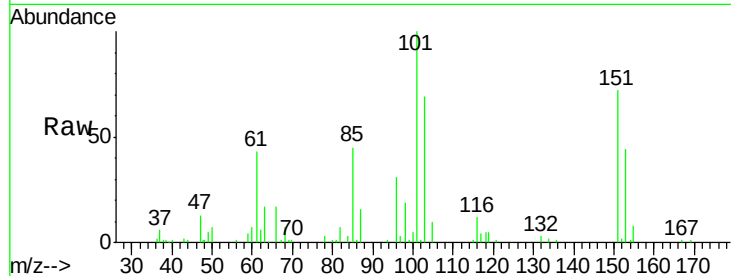
Tot Ion:101 Resp: 47661

Ion Ratio Lower Upper

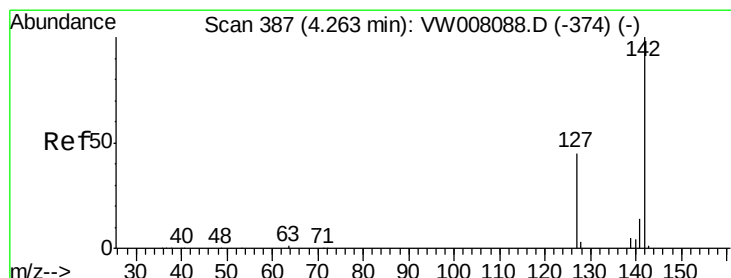
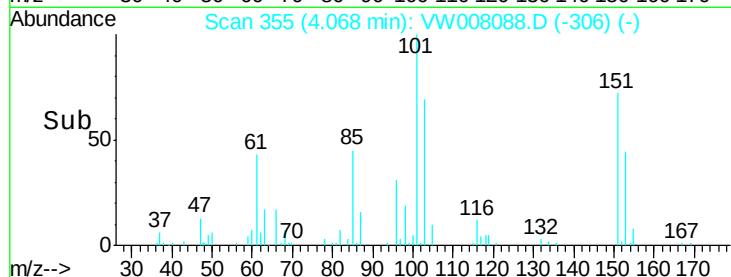
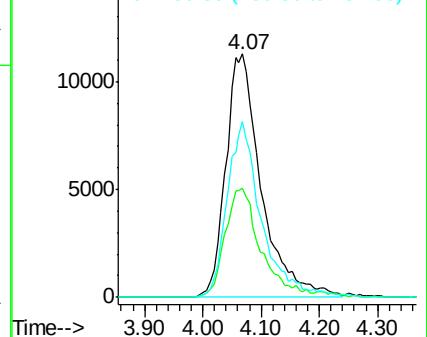
101 100

85 44.9 35.9 53.9

151 69.8 55.8 83.8



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: 48.218 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

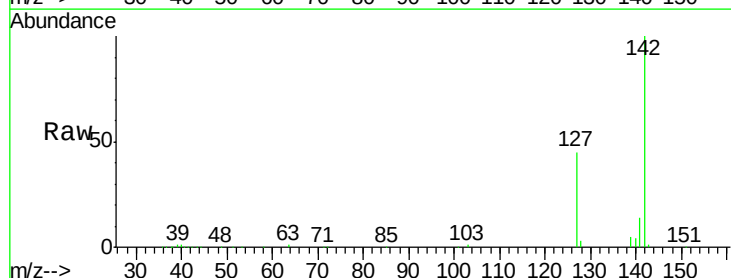
Tgt Ion:142 Resp: 70225

Ion Ratio Lower Upper

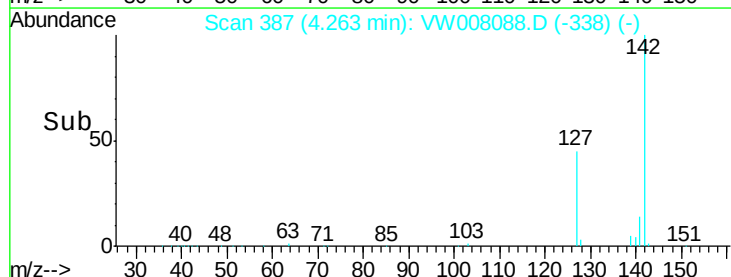
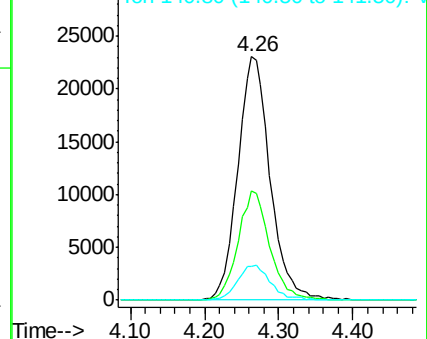
142 100

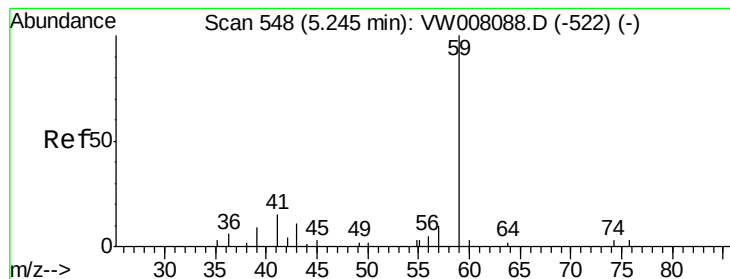
127 43.7 35.0 52.4

141 14.7 11.8 17.6



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: 245.819 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

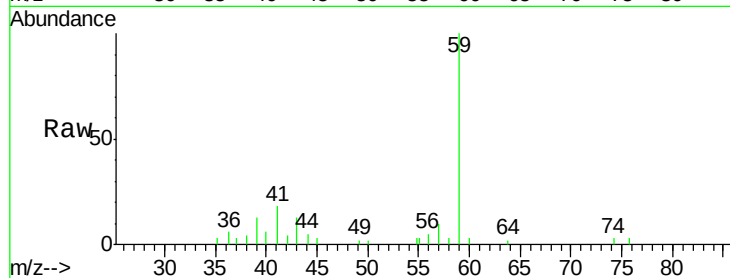
VSTDICCC050

Tot Ion: 59 Resp: 15687

Ion Ratio Lower Upper

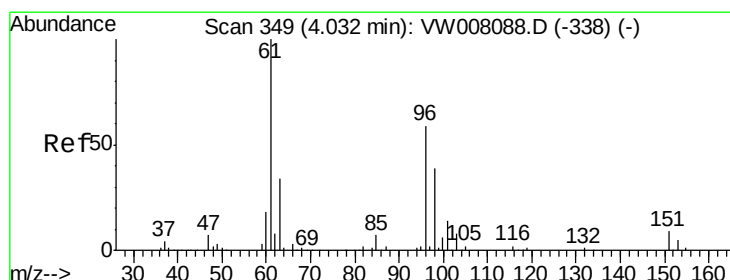
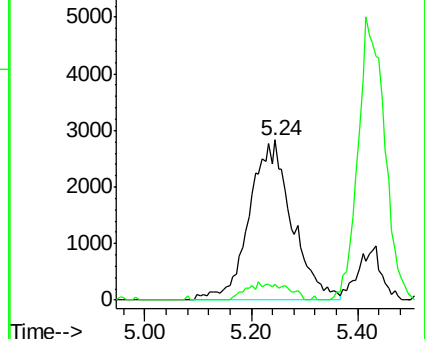
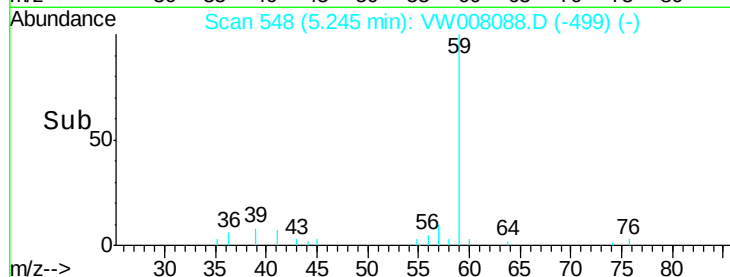
59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 52.748 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

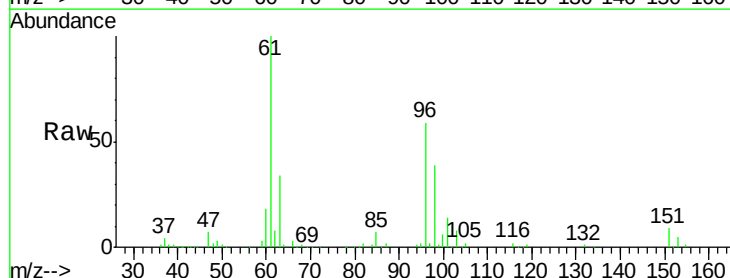
Tgt Ion: 96 Resp: 46729

Ion Ratio Lower Upper

96 100

61 169.3 135.4 203.2

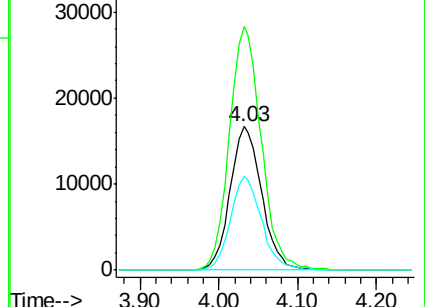
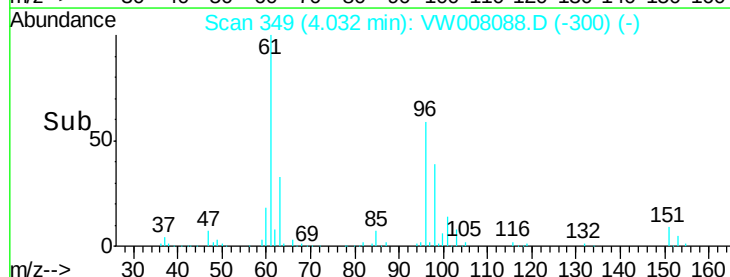
98 65.6 52.5 78.7

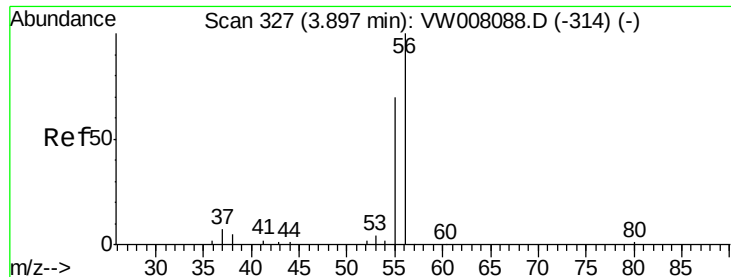


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 388.753 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

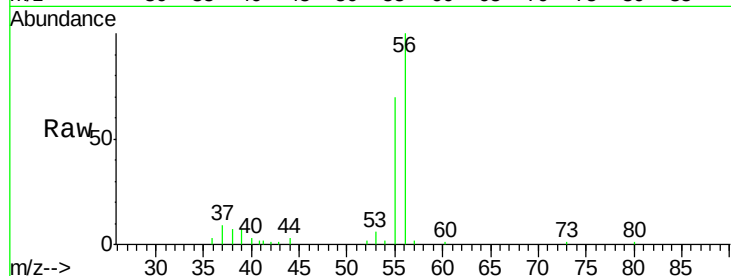
VSTDICCC050

Tot Ion: 56 Resp: 18343

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

8000

6000

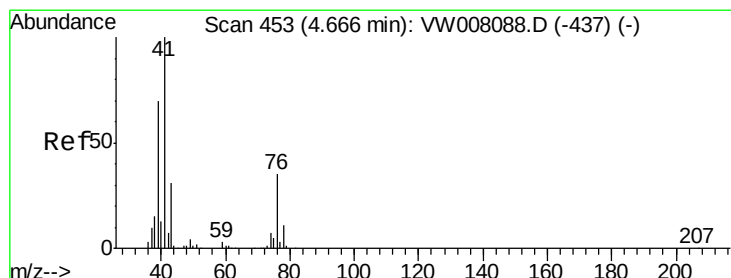
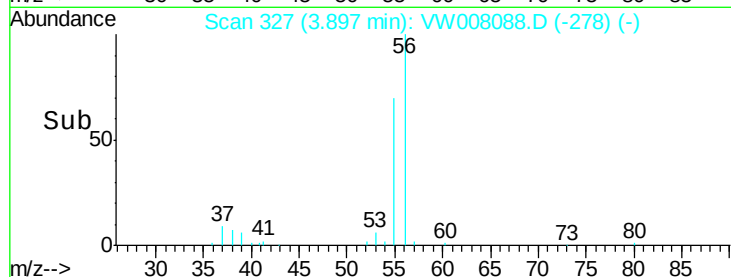
4000

2000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 67.510 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

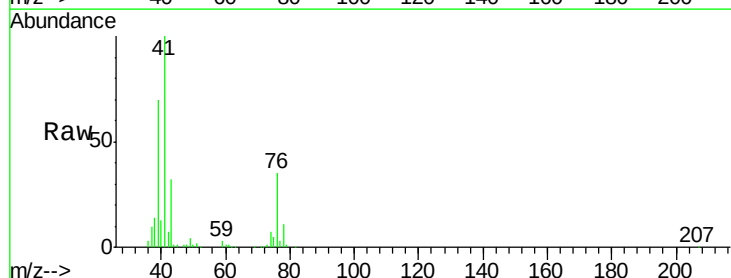
Tgt Ion: 41 Resp: 85894

Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.8

76 34.5 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

40000

30000

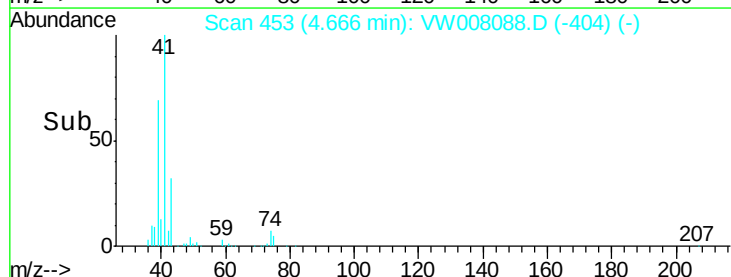
20000

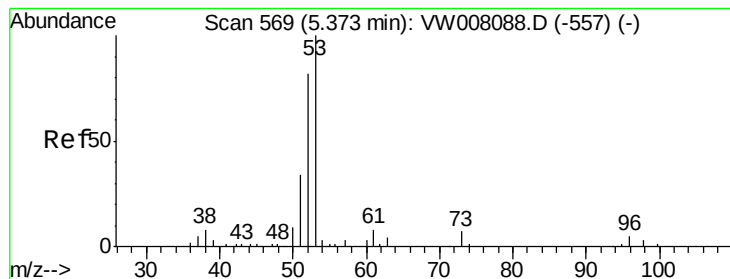
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 325.766 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

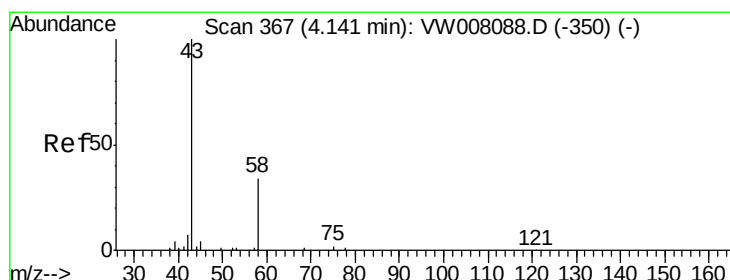
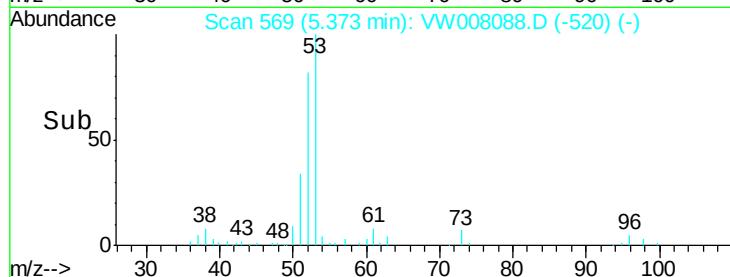
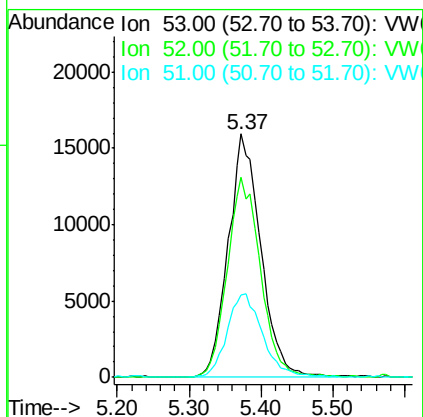
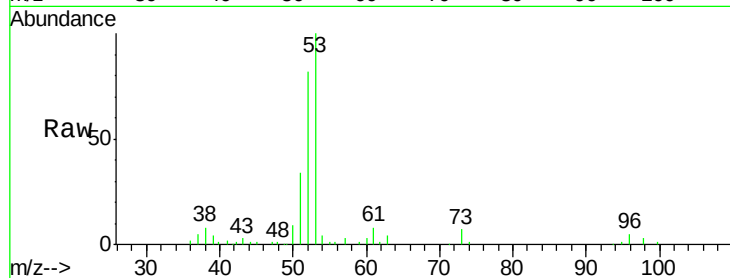
Tot Ion: 53 Resp: 50292

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.1 29.7 44.5



#16

Acetone

Concen: 292.517 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008088.D

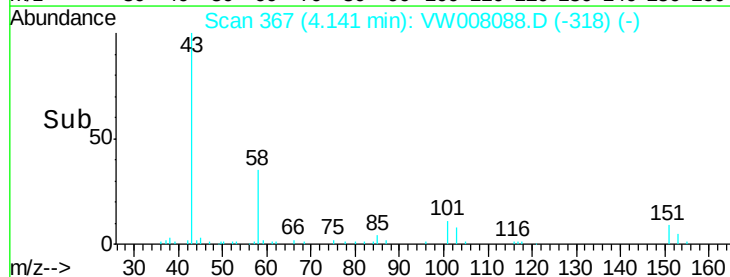
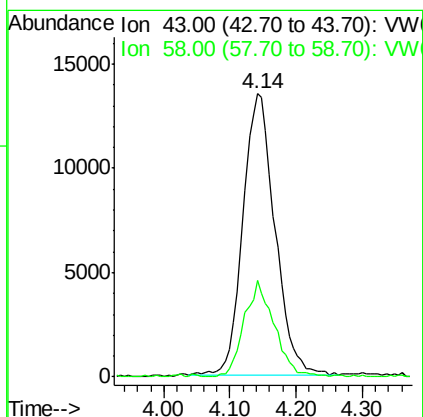
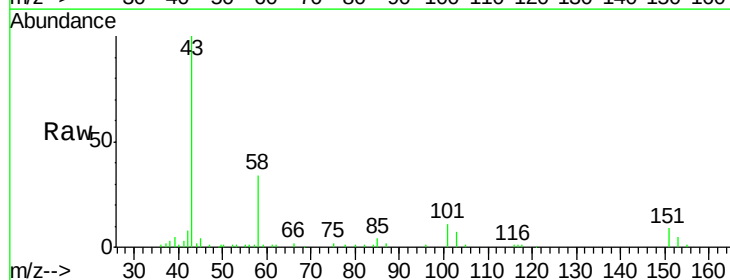
Acq: 08 Jan 2019 16:28

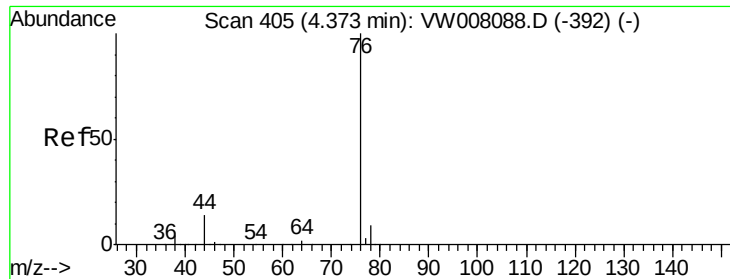
Tgt Ion: 43 Resp: 45315

Ion Ratio Lower Upper

43 100

58 34.4 27.5 41.3

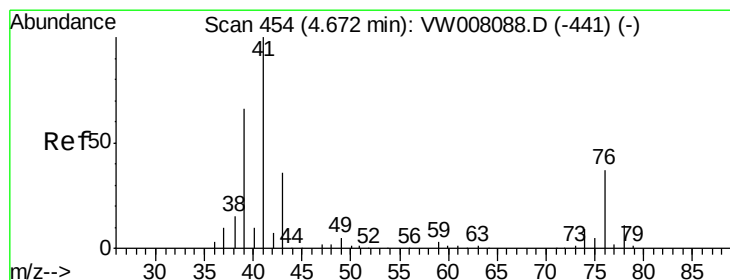
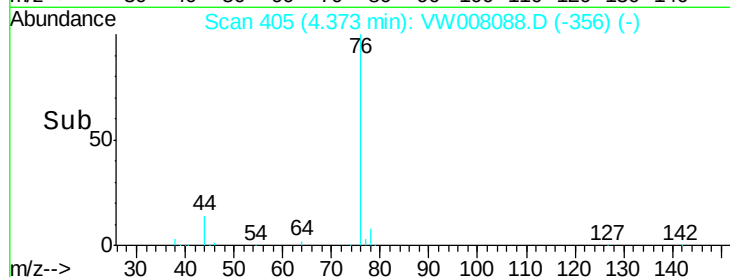
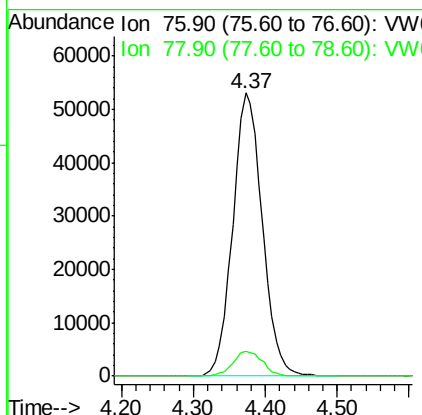
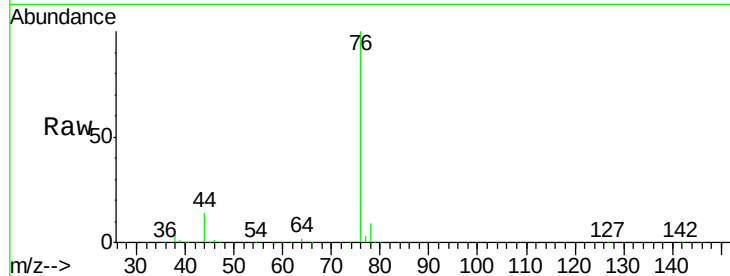




#17
Carbon Disulfide
Concen: 55.759 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

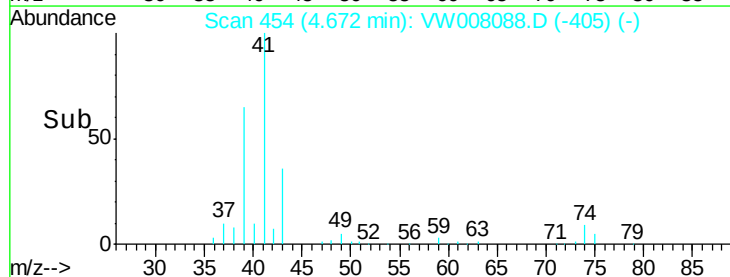
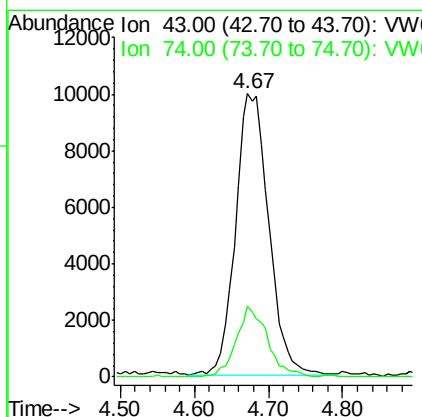
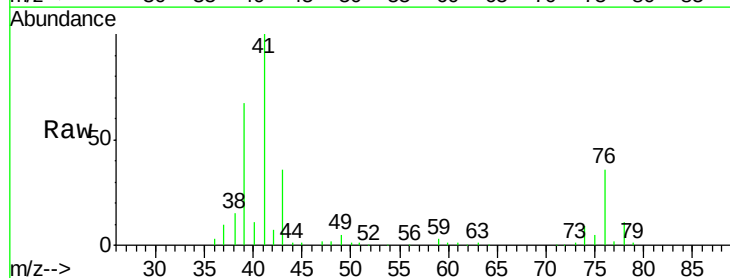
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

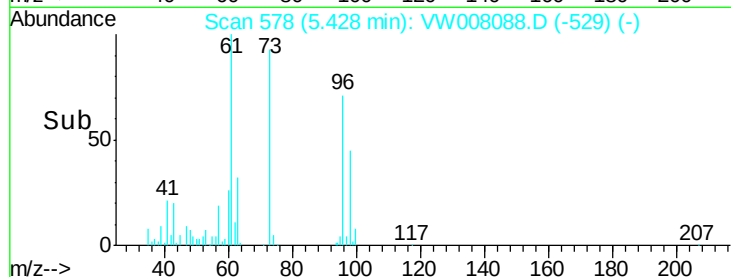
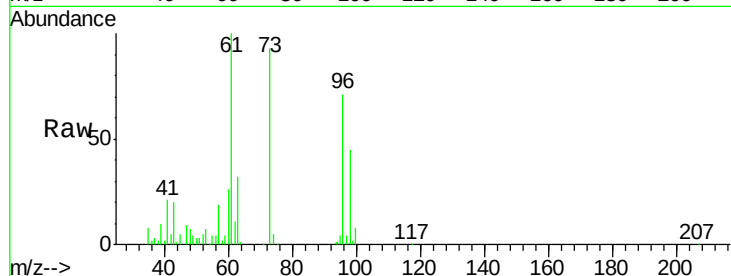
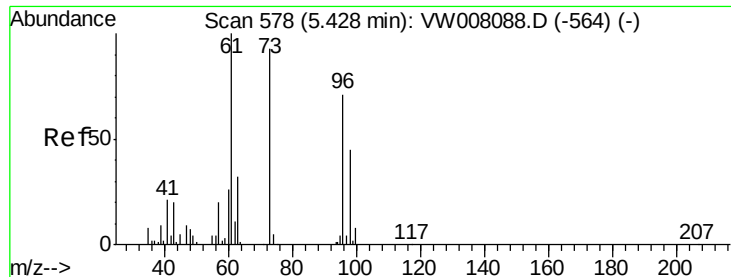
Tot Ion: 76 Resp: 151170
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 73.166 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 43 Resp: 31049
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4

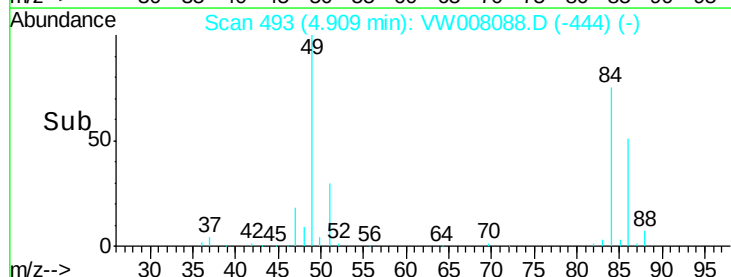
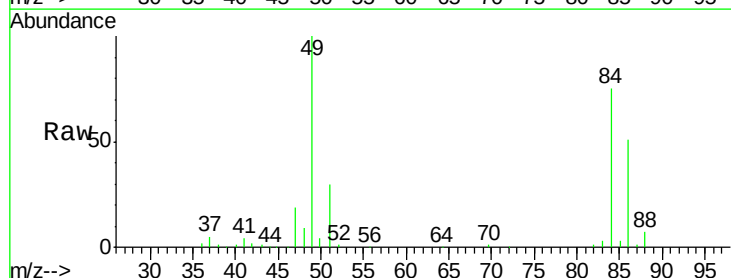
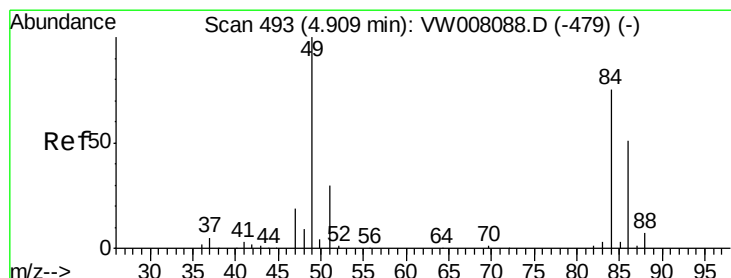
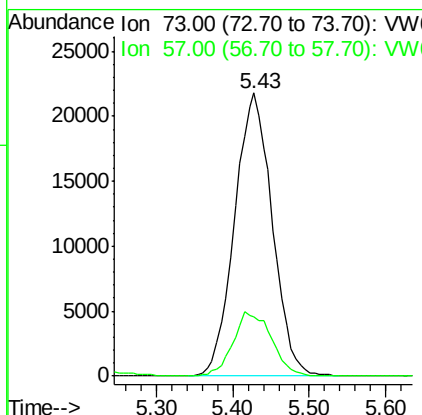




#19
Methyl tert-butyl Ether
Concen: 53.370 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

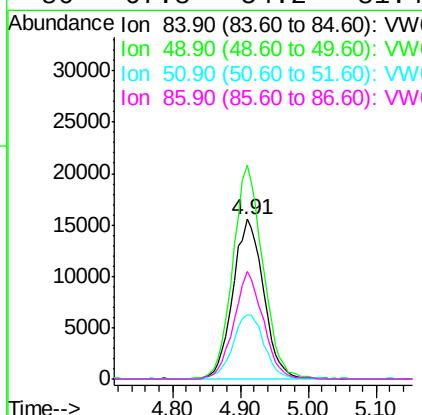
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

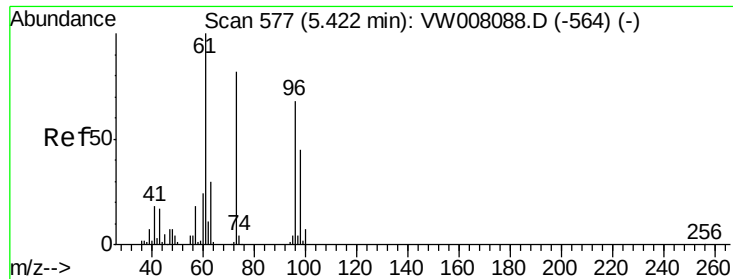
Tot Ion: 73 Resp: 74496
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1



#20
Methylene Chloride
Concen: 47.020 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 84 Resp: 48876
Ion Ratio Lower Upper
84 100
49 133.9 107.1 160.7
51 40.5 32.4 48.6
86 67.8 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 52.785 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

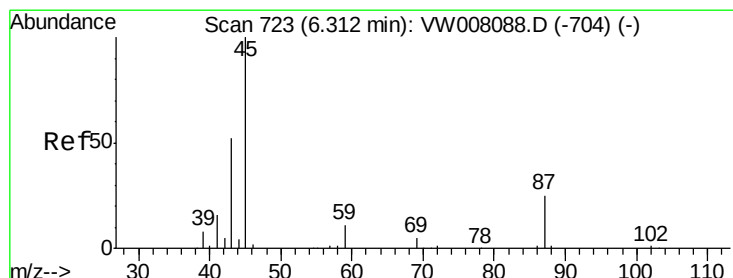
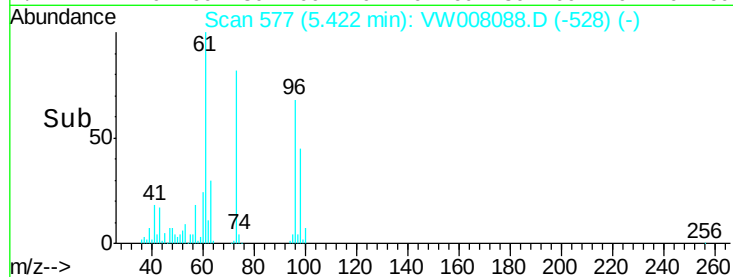
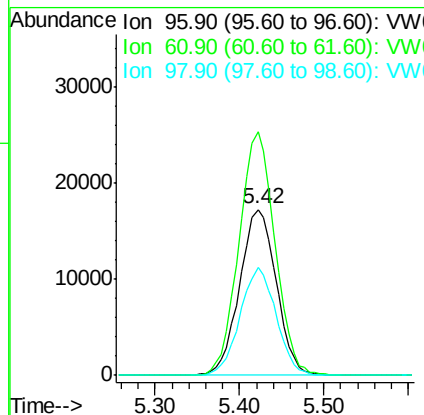
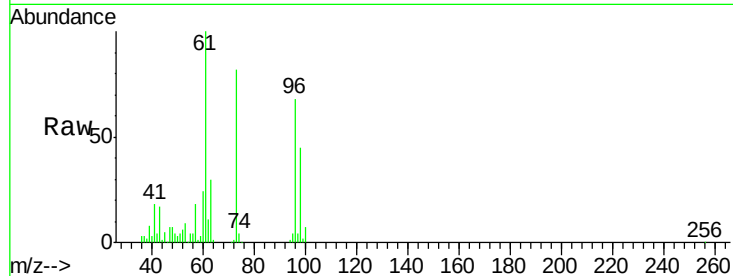
Tot Ion: 96 Resp: 50833

Ion Ratio Lower Upper

96 100

61 146.7 117.4 176.0

98 65.3 52.2 78.4



#22

Diisopropyl ether

Concen: 69.547 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Tgt Ion: 45 Resp: 160129

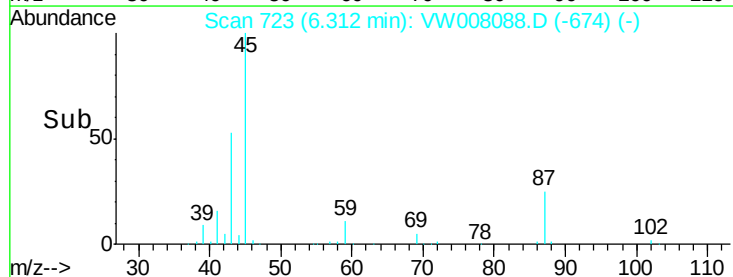
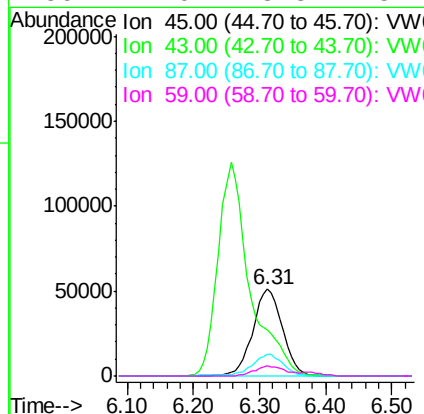
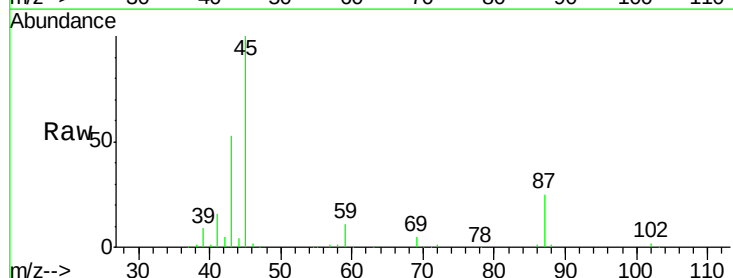
Ion Ratio Lower Upper

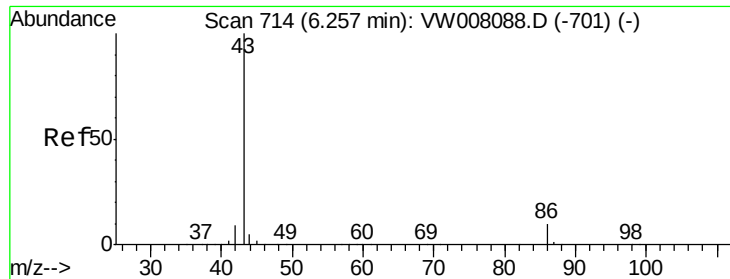
45 100

43 52.1 41.7 62.5

87 25.1 20.1 30.1

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 332.226 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

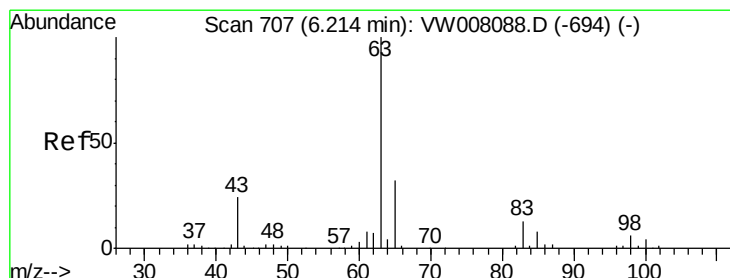
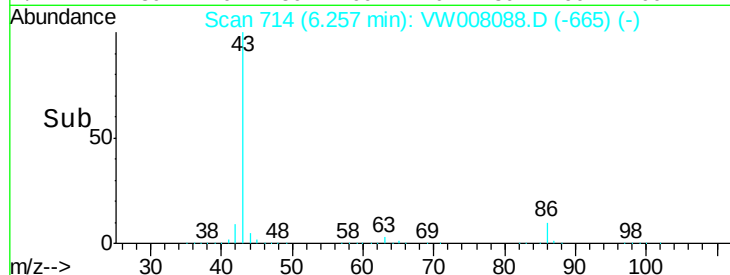
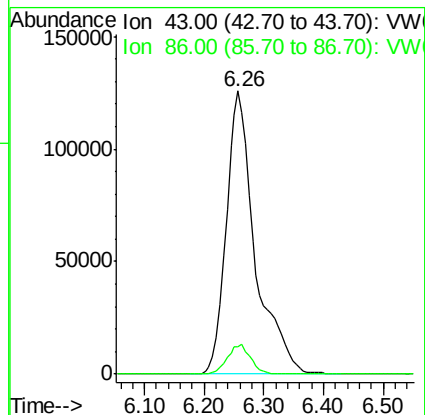
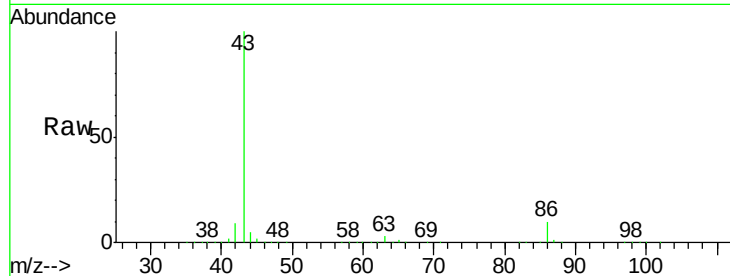
VSTDICCC050

Tot Ion: 43 Resp: 422509

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 57.242 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

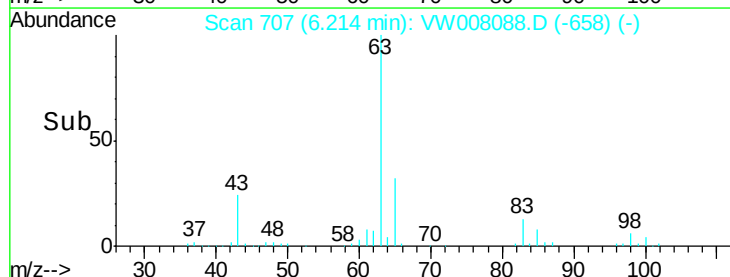
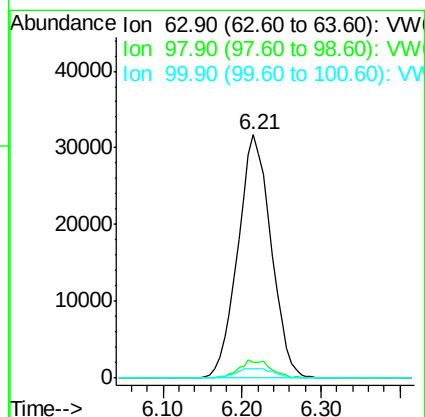
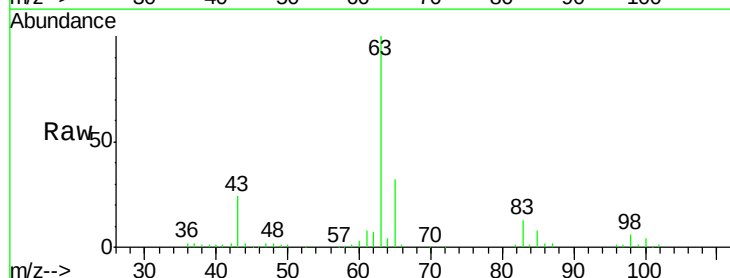
Tgt Ion: 63 Resp: 93047

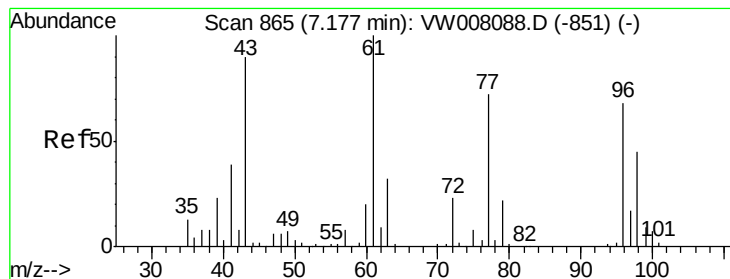
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 337.157 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

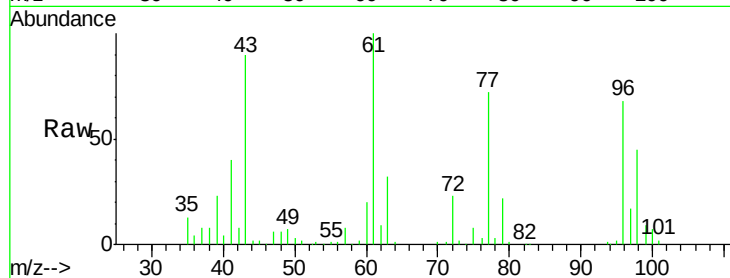
VSTDICCC050

Tot Ion: 43 Resp: 63795

Ion Ratio Lower Upper

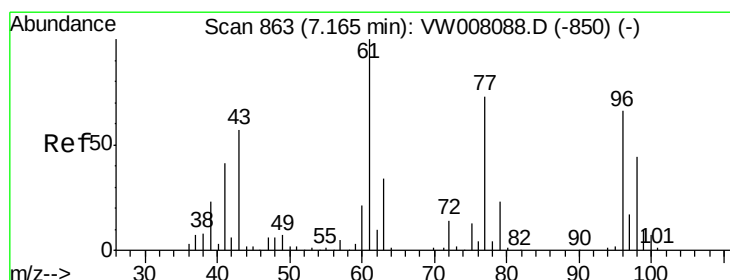
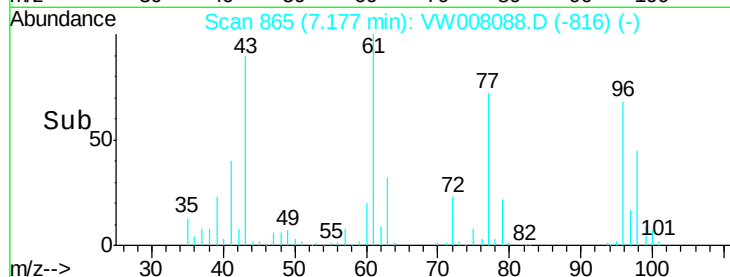
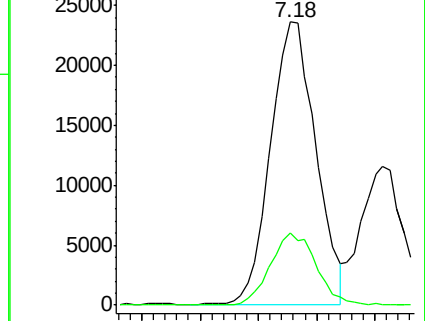
43 100

72 25.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 48.265 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008088.D

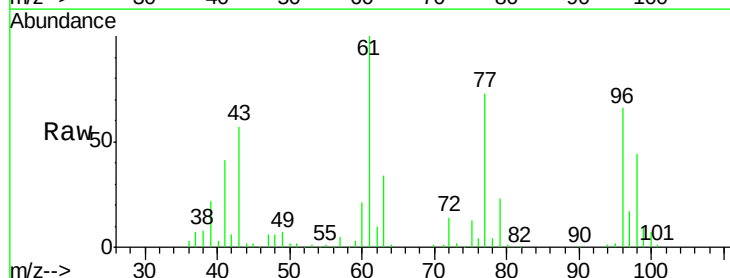
Acq: 08 Jan 2019 16:28

Tgt Ion: 77 Resp: 62542

Ion Ratio Lower Upper

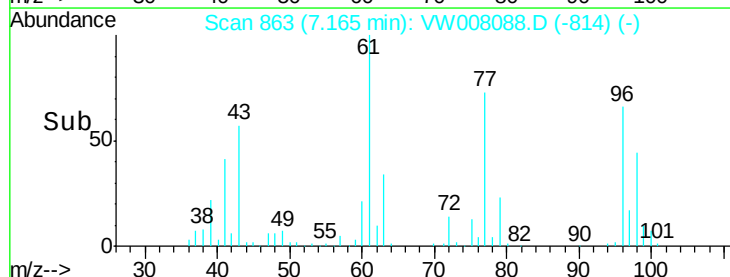
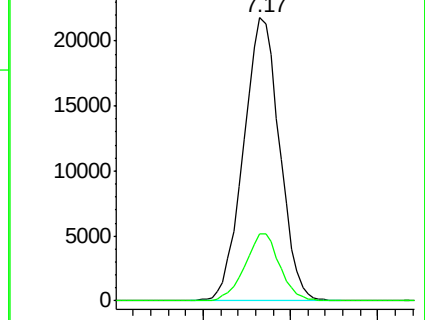
77 100

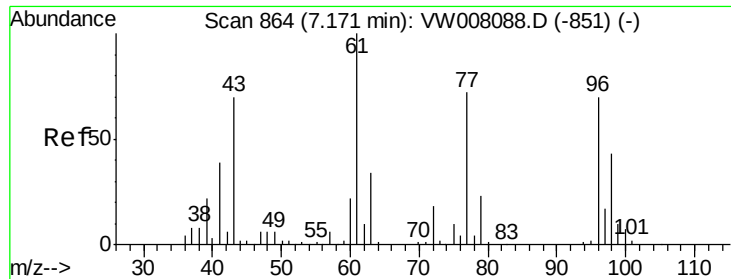
97 22.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



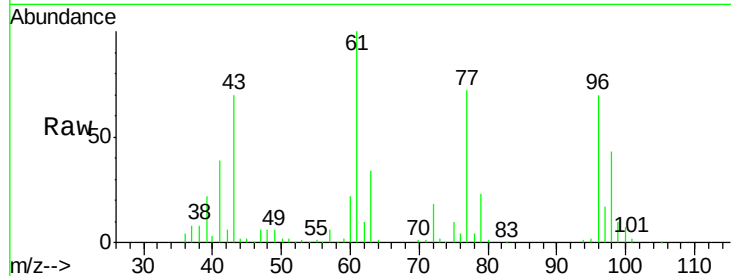


#27

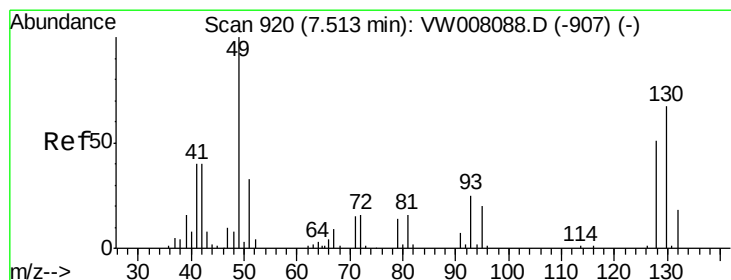
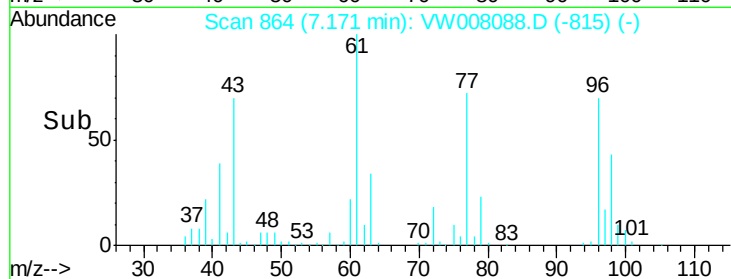
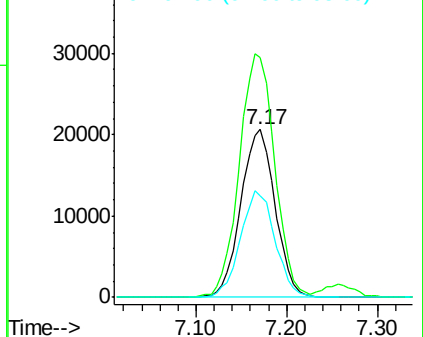
cis-1,2-Dichloroethene
Concen: 52.411 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 53905
Ion Ratio Lower Upper
96 100
61 150.2 0.0 300.4
98 64.2 0.0 128.4



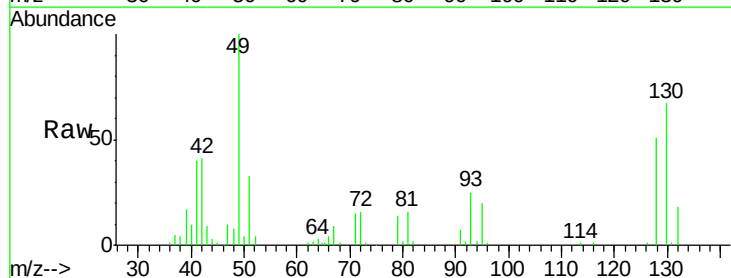
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



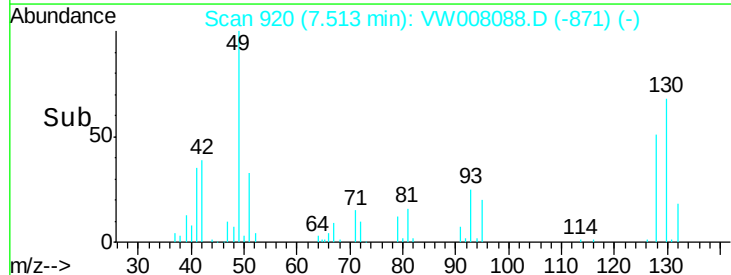
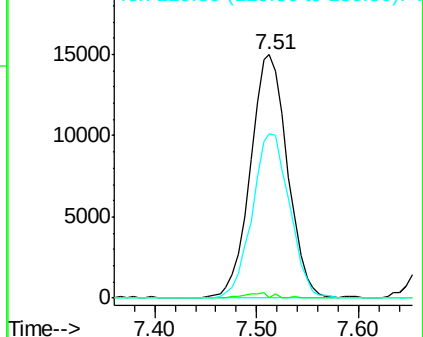
#28

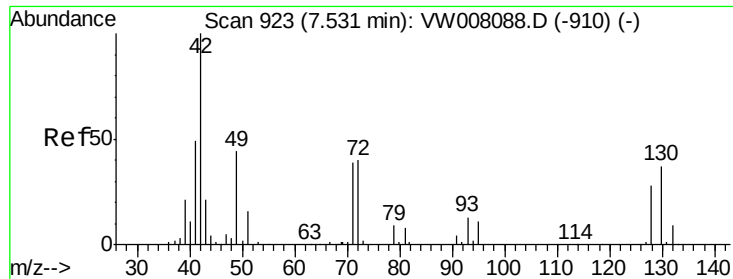
Bromochloromethane
Concen: 68.484 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 49 Resp: 37837
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.8
130 67.9 54.3 81.5



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

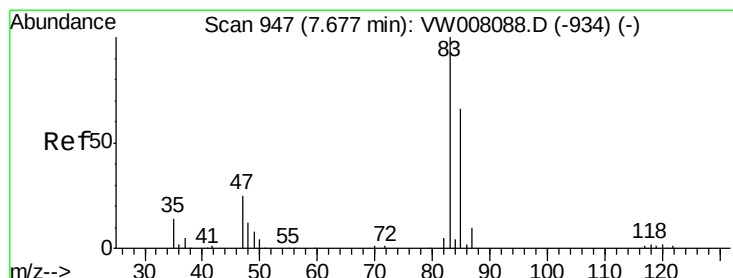
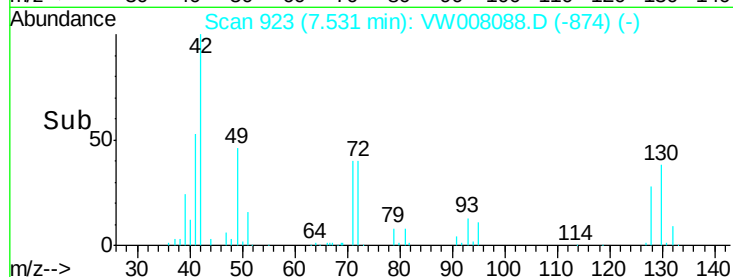
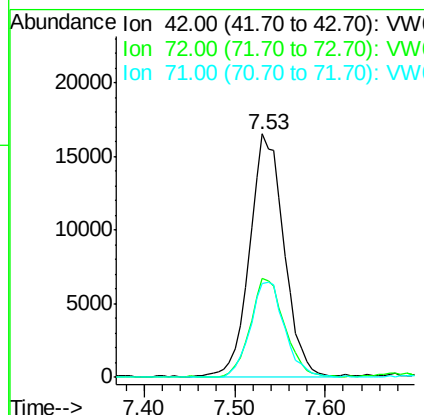
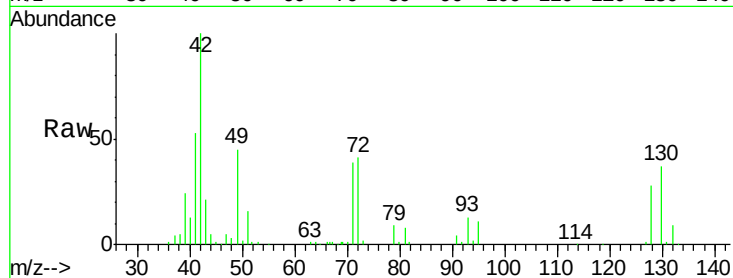




#29
Tetrahydrofuran
Concen: 361.362 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

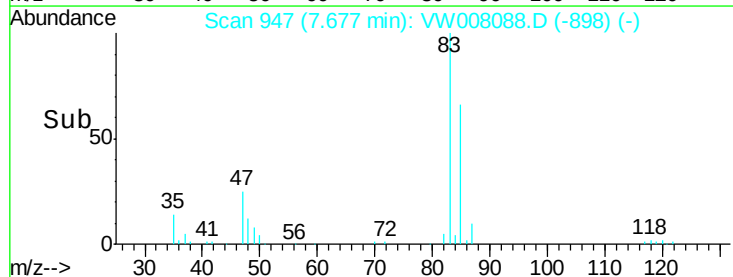
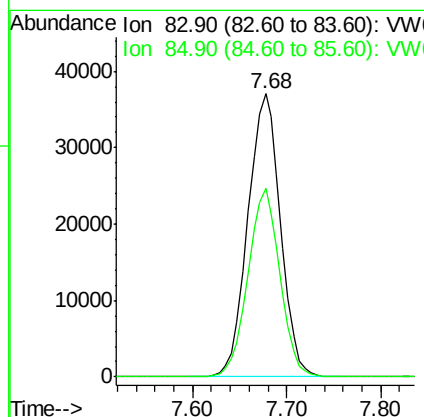
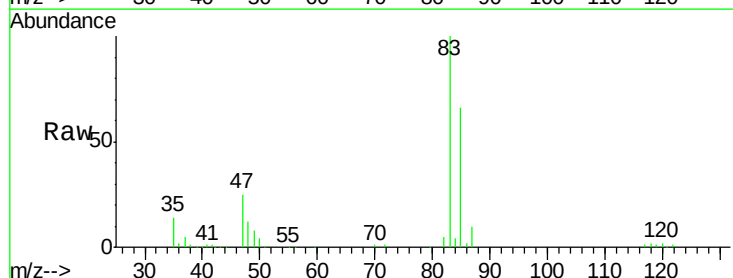
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

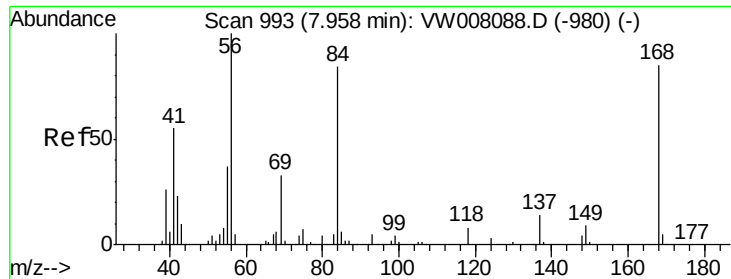
Tot Ion: 42 Resp: 43477
Ion Ratio Lower Upper
42 100
72 40.5 32.4 48.6
71 39.1 31.3 46.9



#30
Chloroform
Concen: 50.554 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 83 Resp: 89838
Ion Ratio Lower Upper
83 100
85 66.5 53.2 79.8

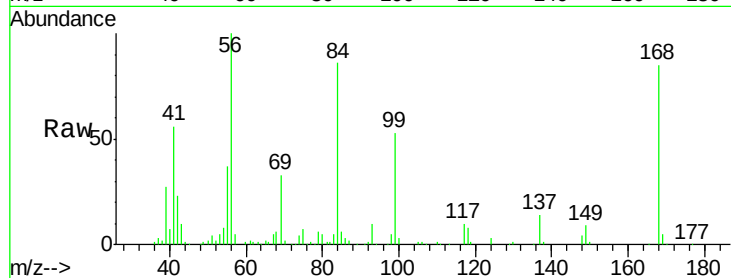




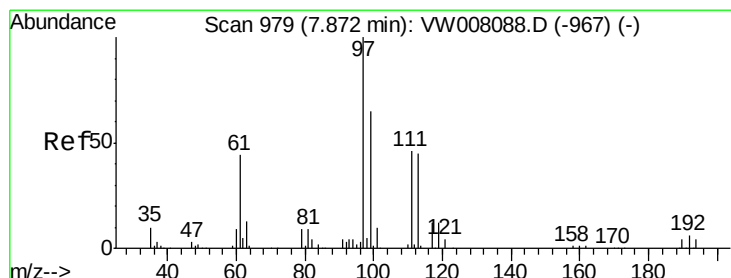
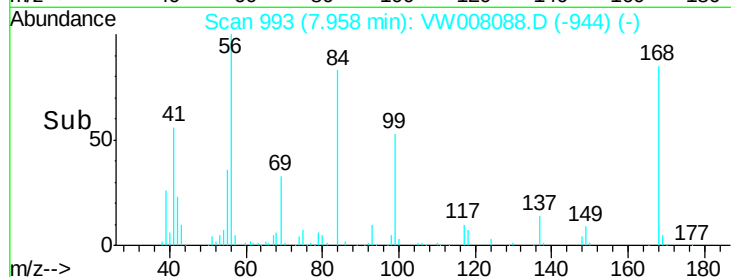
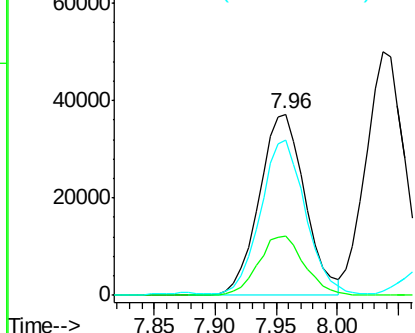
#31
Cyclohexane
Concen: 62.132 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 96979
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 84.3 67.4 101.2

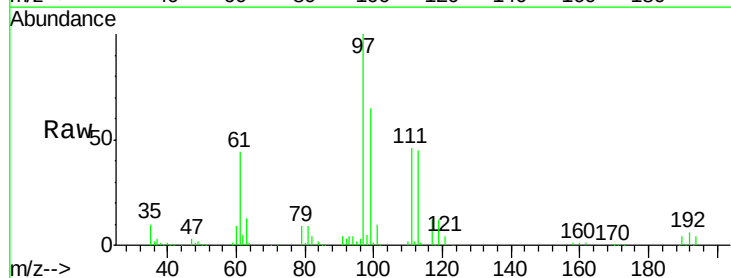


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

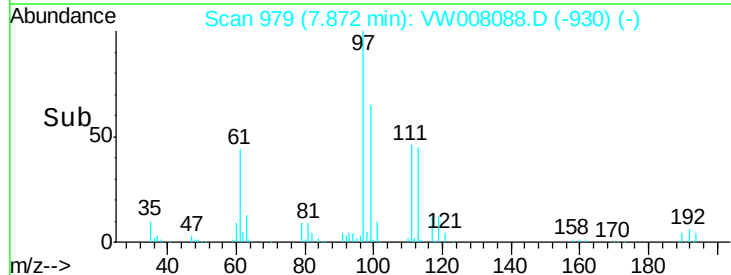
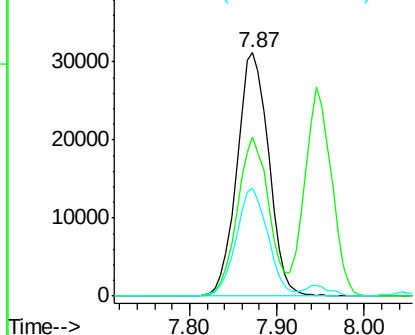


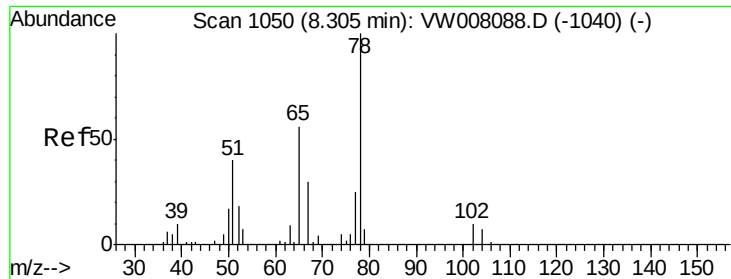
#32
1,1,1-Trichloroethane
Concen: 47.214 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 97 Resp: 78845
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 44.5 35.6 53.4



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

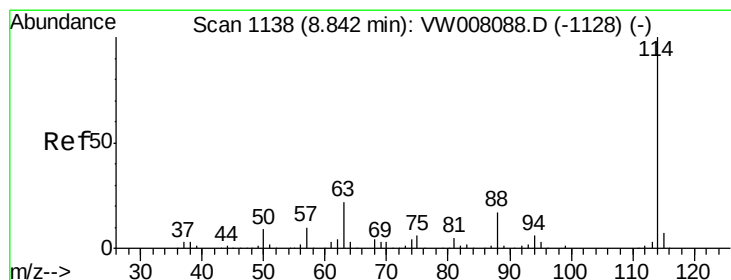
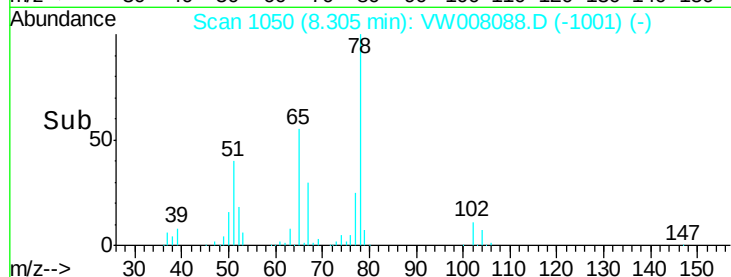
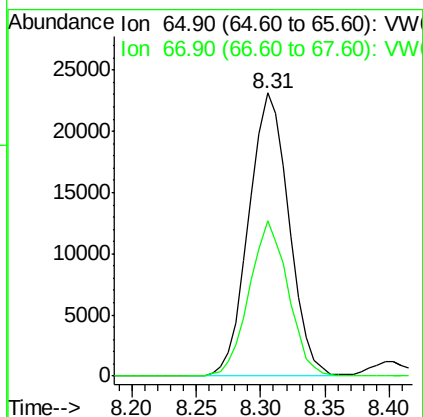
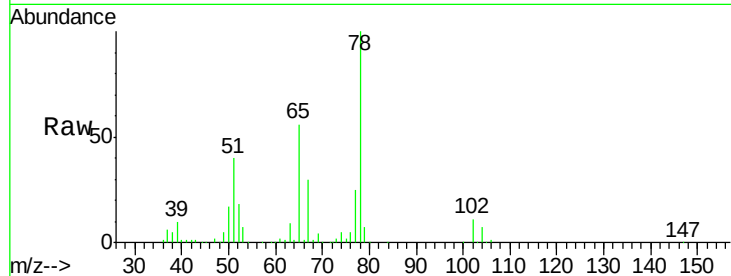




#33
 1,2-Dichloroethane-d4
 Concen: 51.224 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

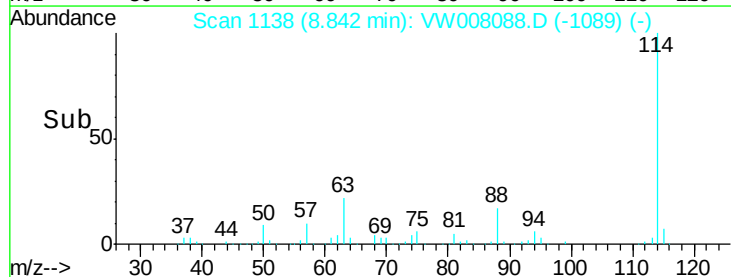
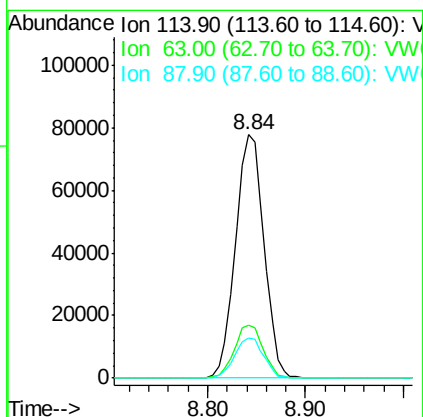
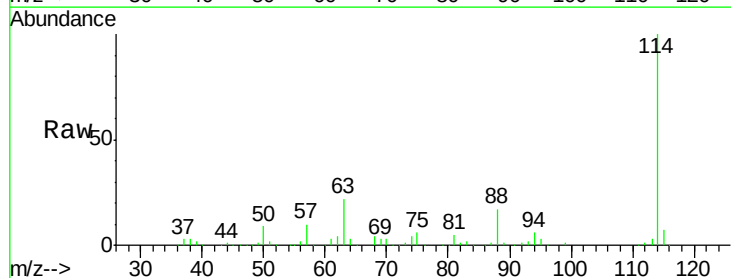
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

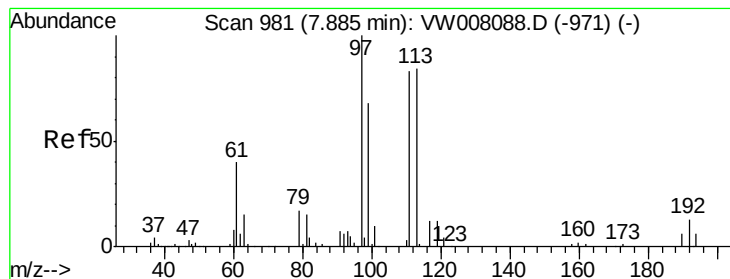
Tot Ion: 65 Resp: 49866
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion: 114 Resp: 157508
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.015 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

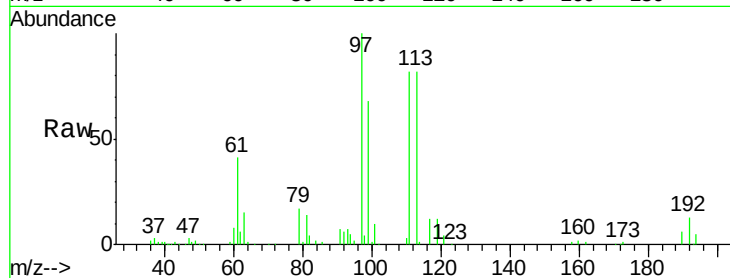
Tot Ion:113 Resp: 44935

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

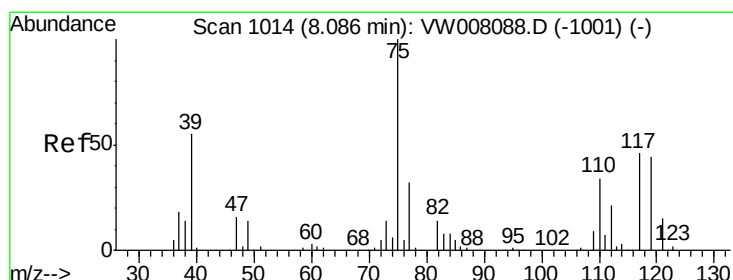
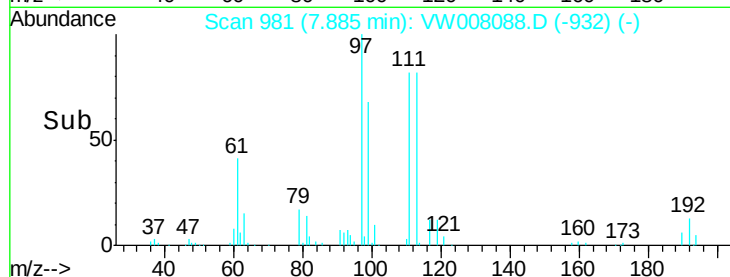
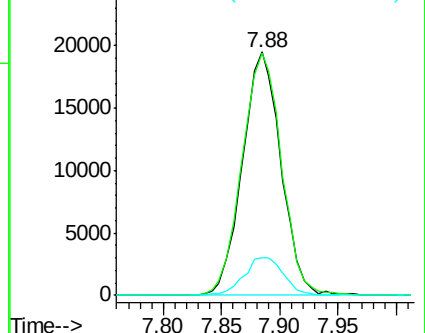
192 16.0 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.859 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

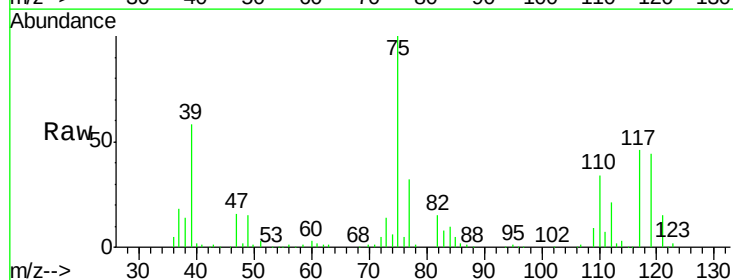
Tgt Ion: 75 Resp: 76887

Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.3

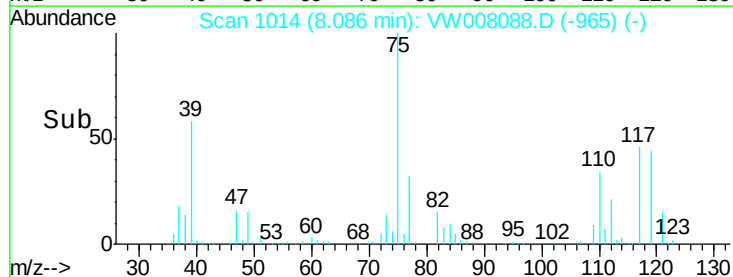
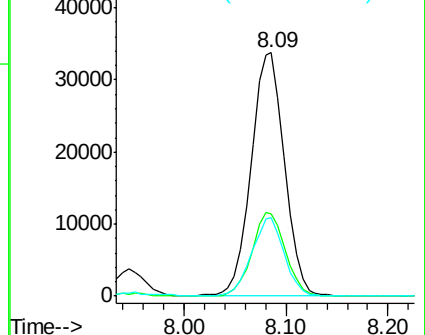
77 31.9 25.5 38.3

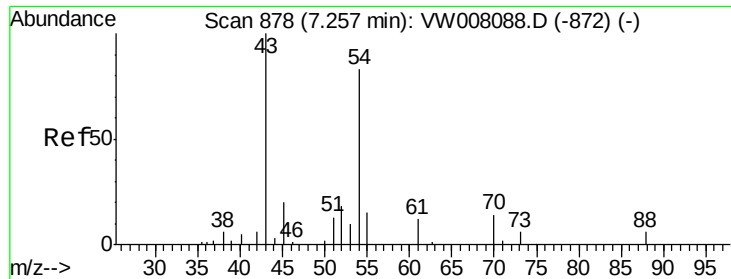


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

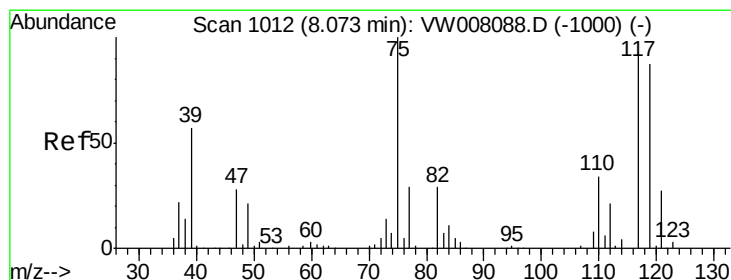
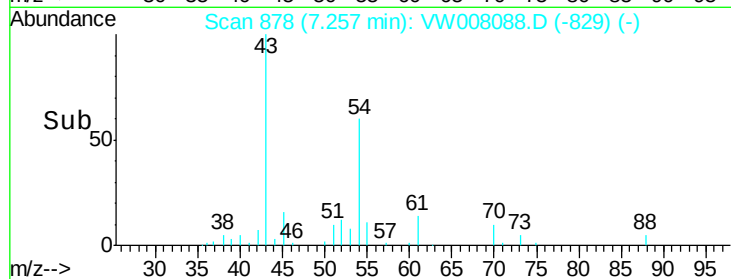
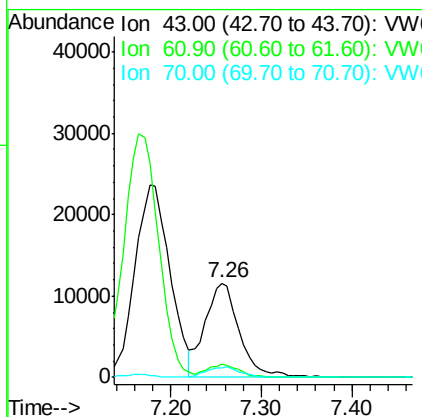
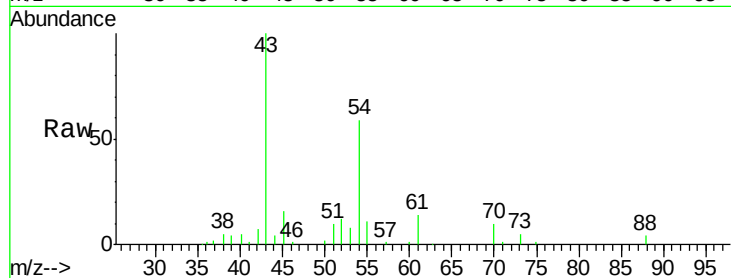




#37
Ethyl Acetate
Concen: 61.690 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

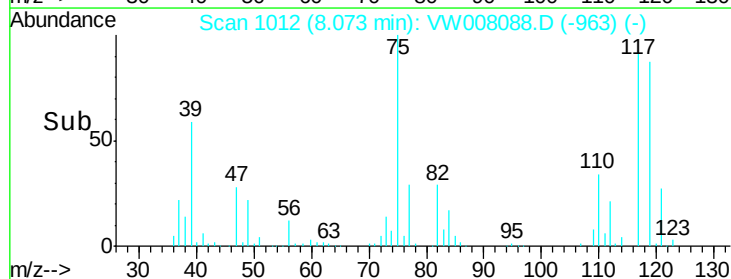
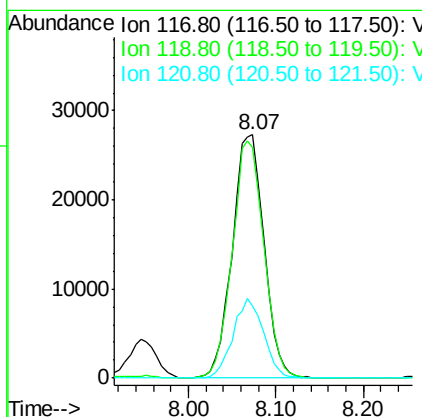
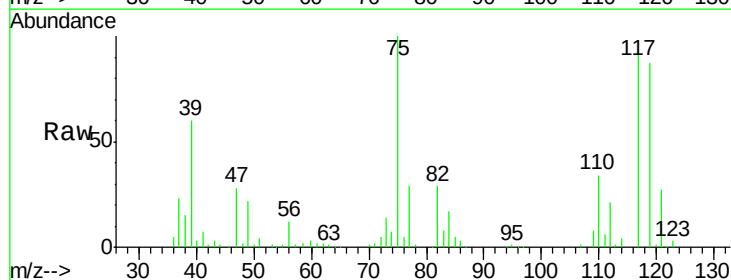
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

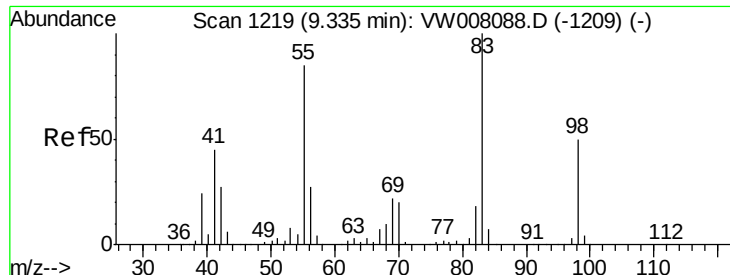
Tot Ion: 43 Resp: 30336
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 38.971 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 117 Resp: 69186
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 29.6 23.7 35.5

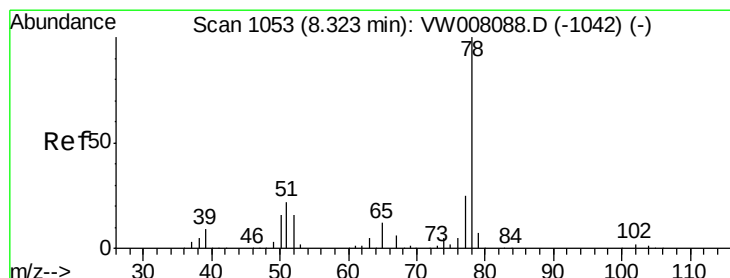
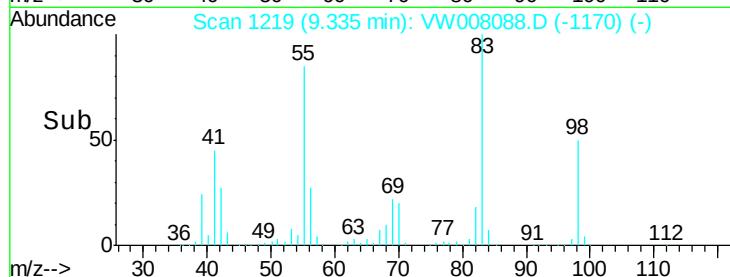
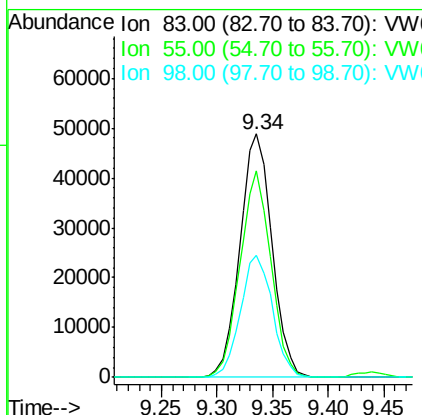
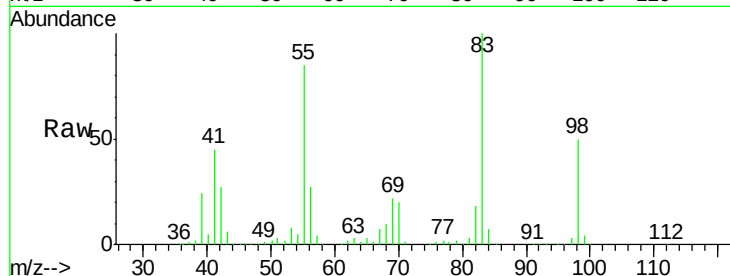




#39
Methylvlcyclohexane
Concen: 50.568 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

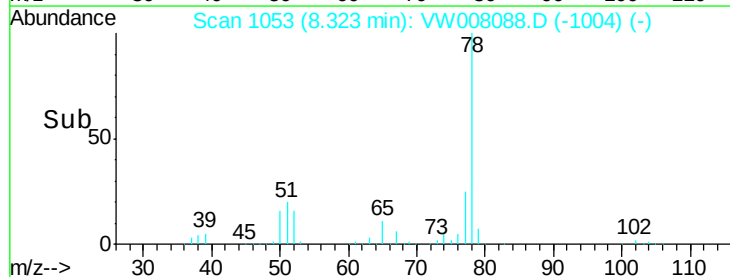
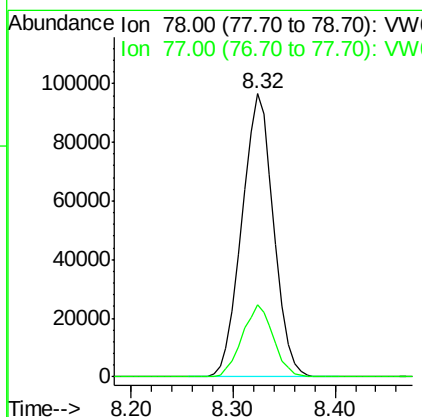
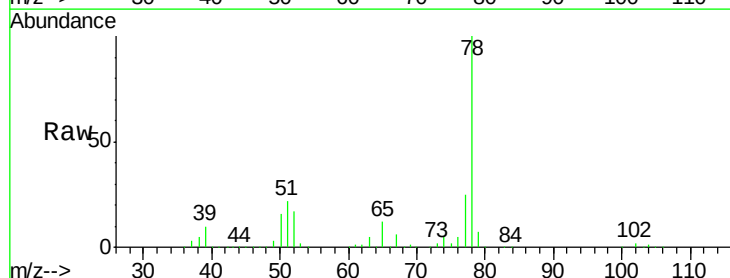
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

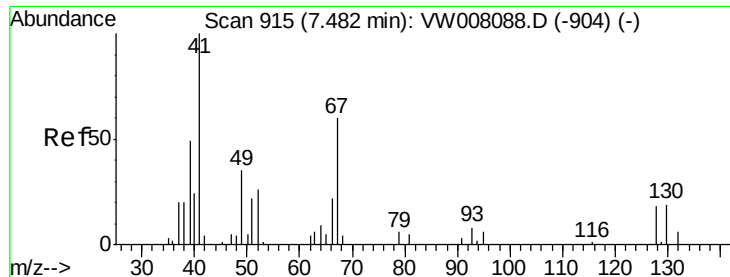
Tot Ion: 83 Resp: 97727
Ion Ratio Lower Upper
83 100
55 84.7 67.8 101.6
98 50.3 40.2 60.4



#40
Benzene
Concen: 50.898 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 78 Resp: 208666
Ion Ratio Lower Upper
78 100
77 25.3 20.2 30.4

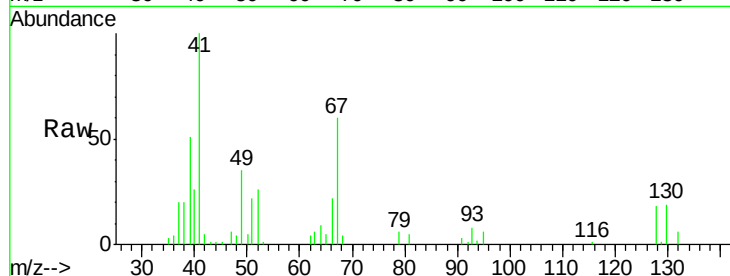




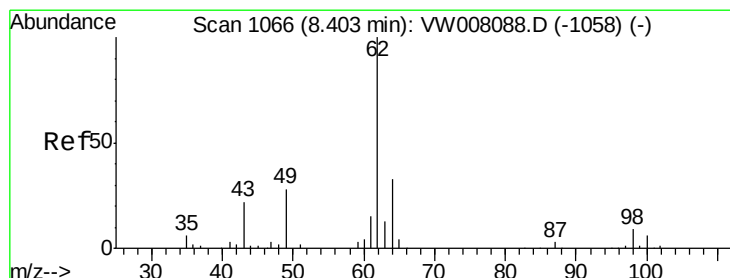
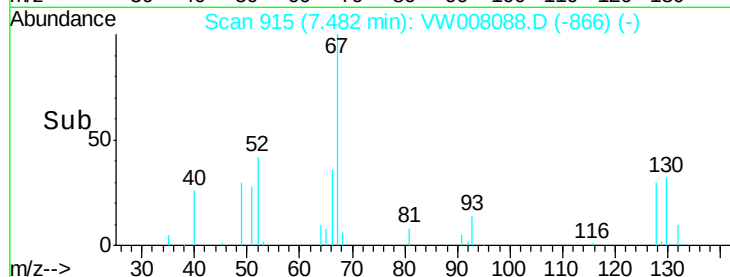
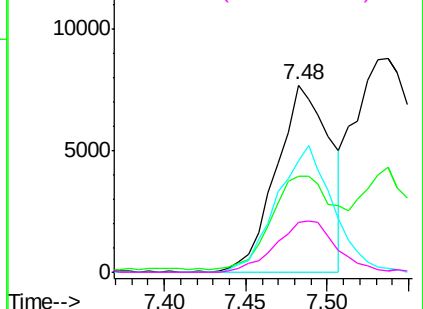
#41
Methacrylonitrile
Concen: 62.988 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 41 Resp: 17765
Ion Ratio Lower Upper
41 100
39 59.9 47.9 71.9
67 70.4 56.3 84.5
52 30.6 24.5 36.7

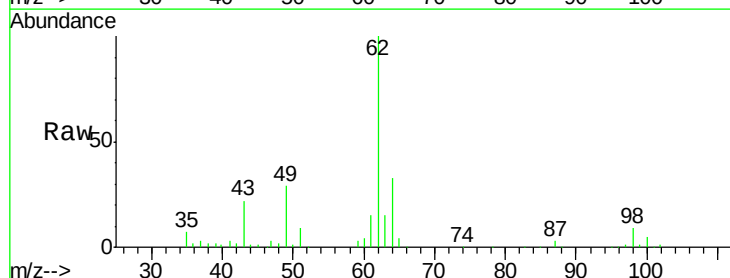


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

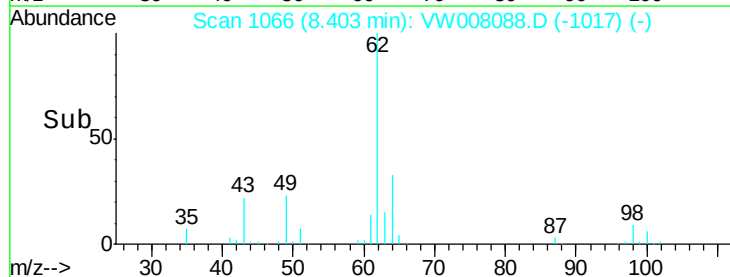
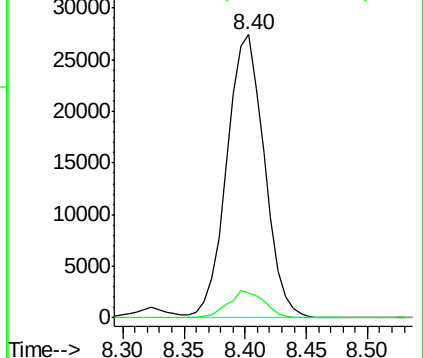


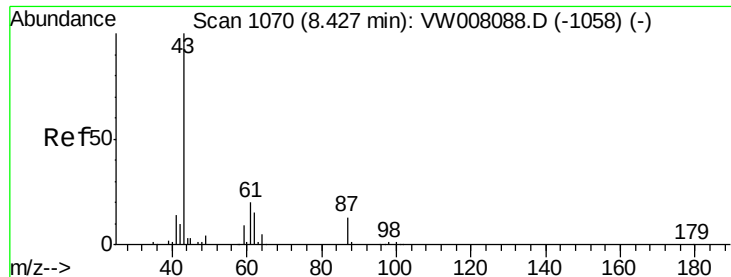
#42
1,2-Dichloroethane
Concen: 43.996 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 62 Resp: 58421
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 61.956 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

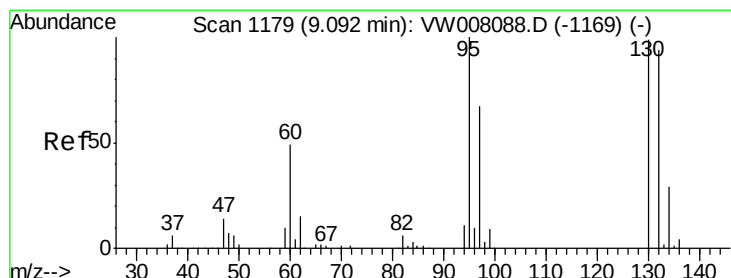
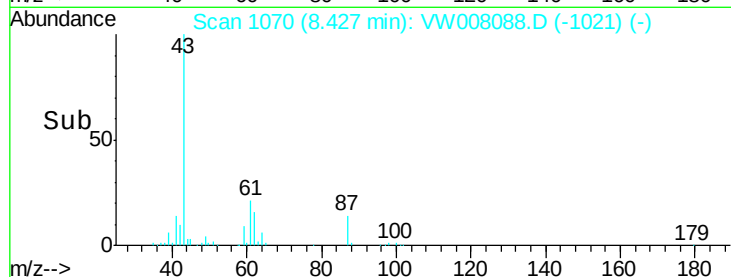
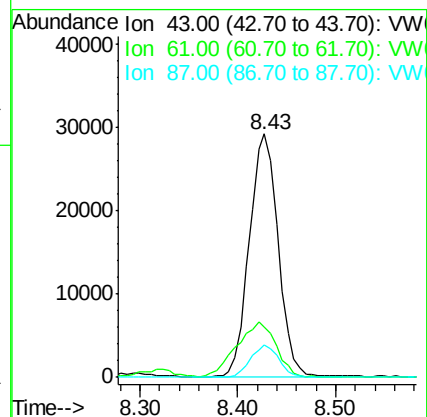
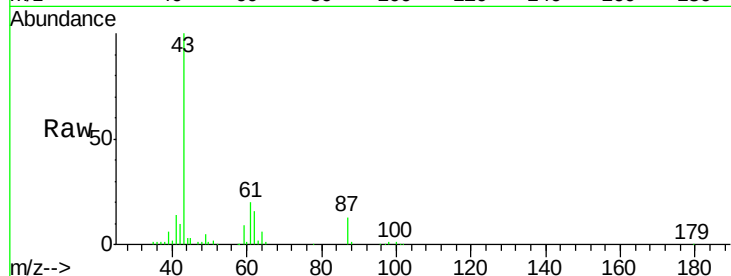
Tot Ion: 43 Resp: 60213

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

87 13.0 10.4 15.6



#44

Trichloroethene

Concen: 44.378 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008088.D

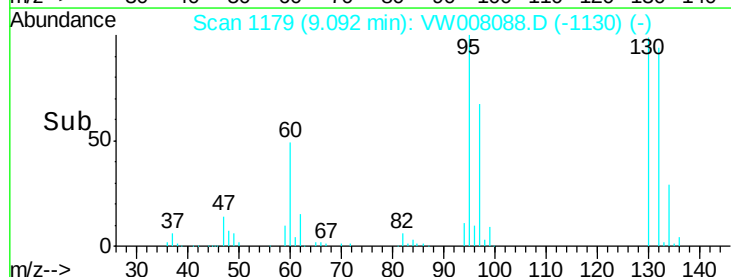
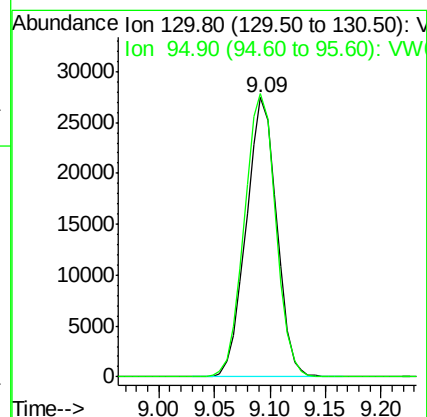
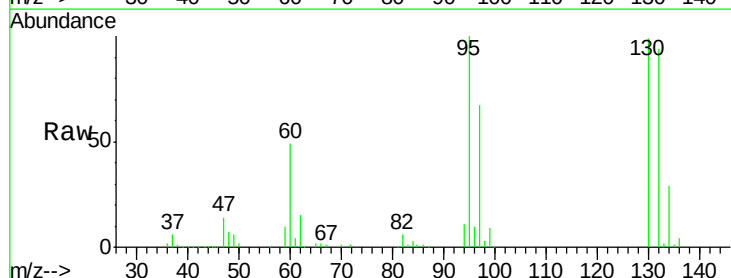
Acq: 08 Jan 2019 16:28

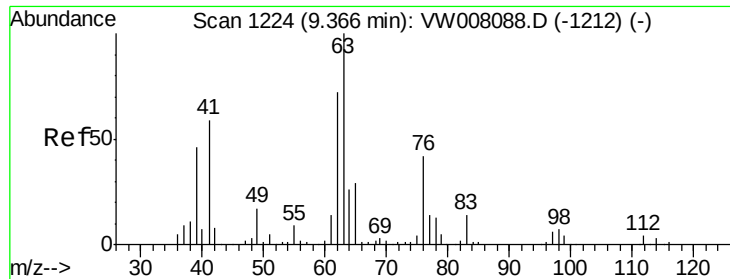
Tgt Ion: 130 Resp: 52308

Ion Ratio Lower Upper

130 100

95 101.4 0.0 202.8

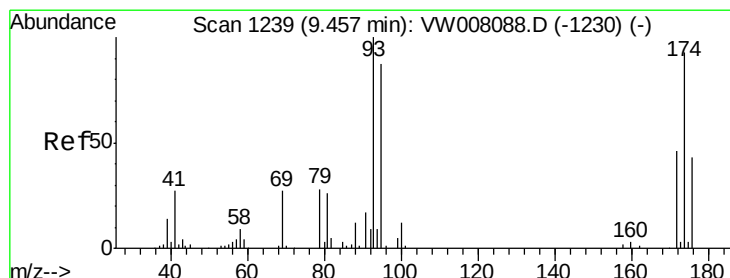
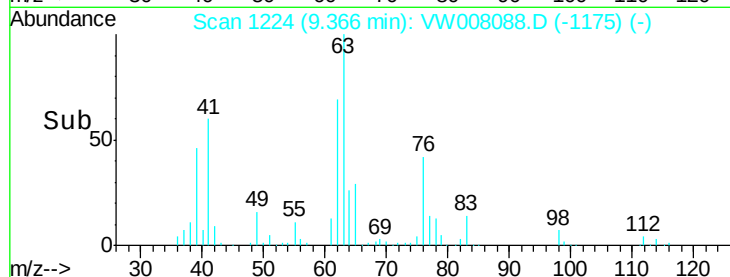
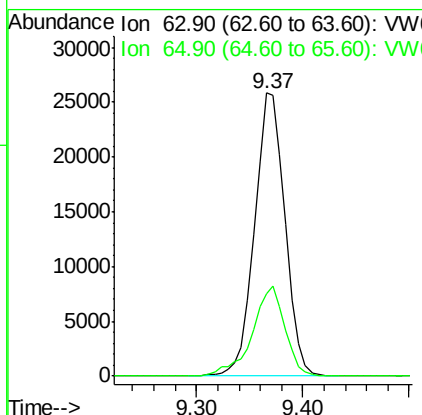
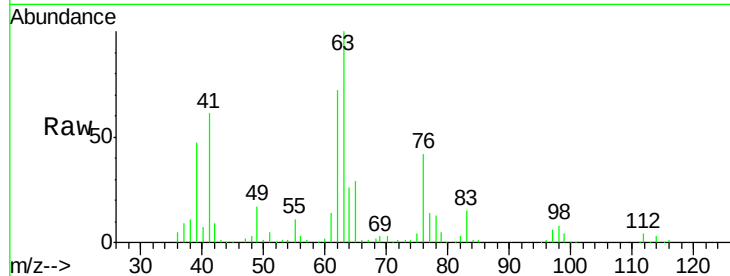




#45
 1,2-Dichloropropane
 Concen: 56.939 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

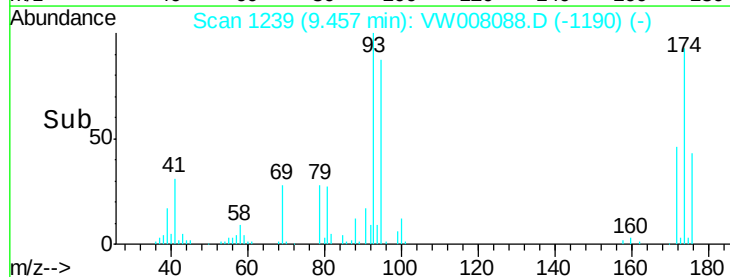
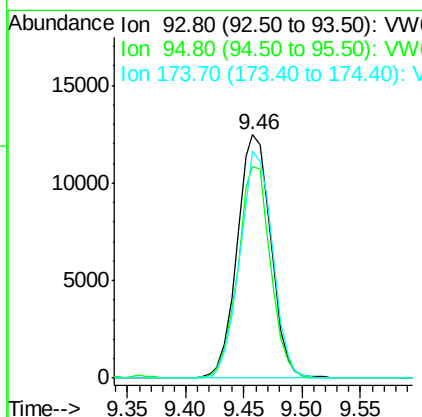
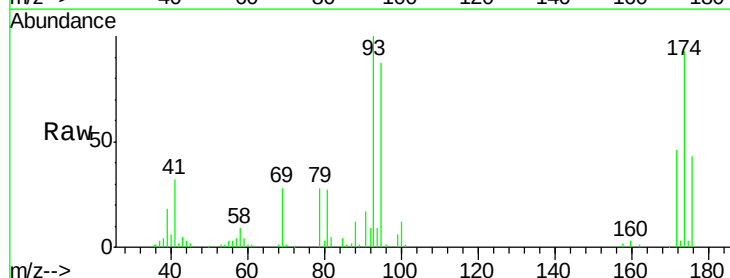
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

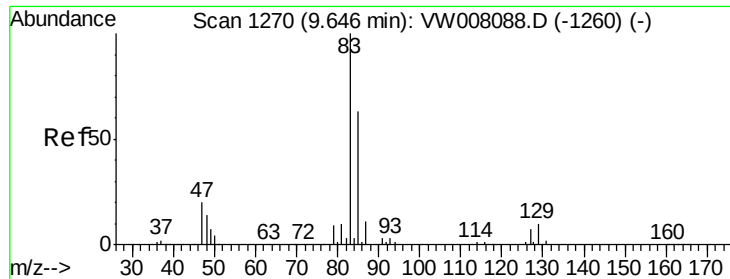
Tot Ion: 63 Resp: 51778
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.3 34.9



#46
 Dibromomethane
 Concen: 48.972 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion: 93 Resp: 25163
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.5 101.3
 174 90.6 72.5 108.7

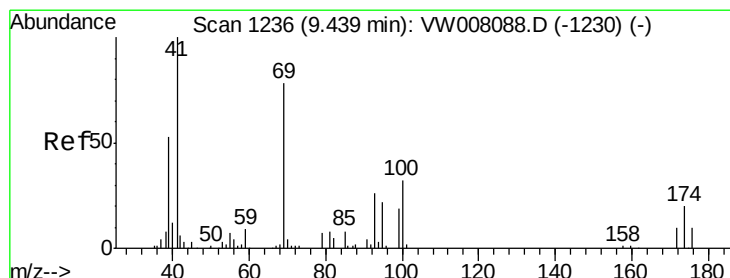
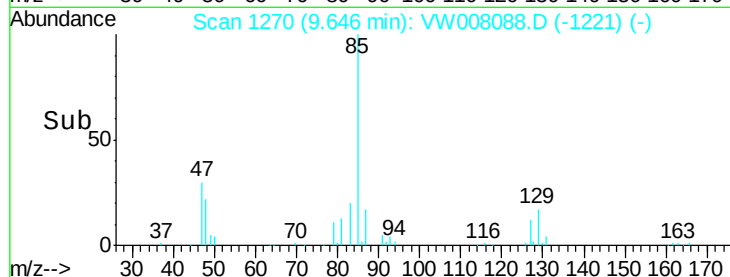
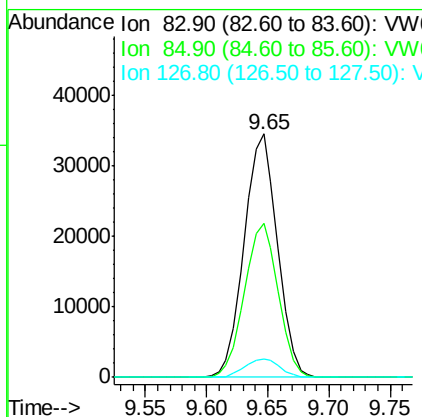
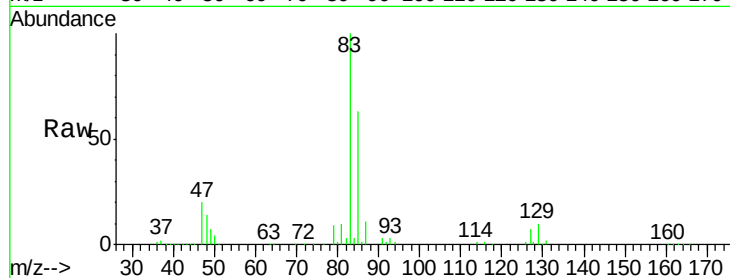




#47
Bromodichloromethane
Concen: 45.781 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

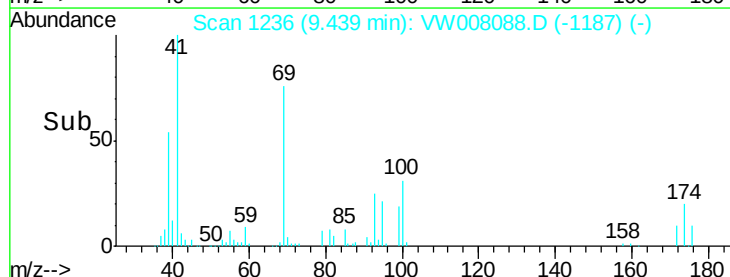
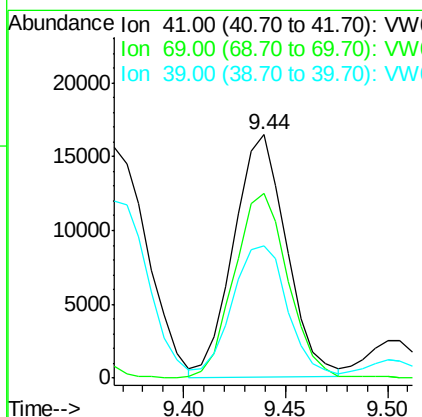
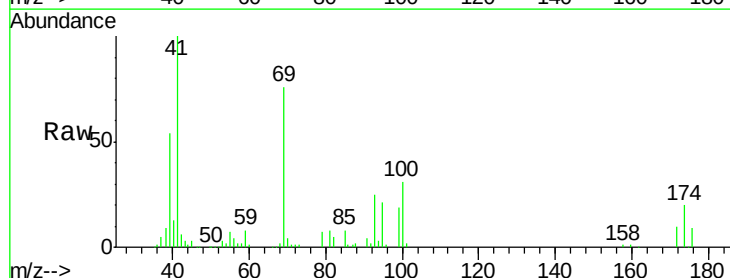
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

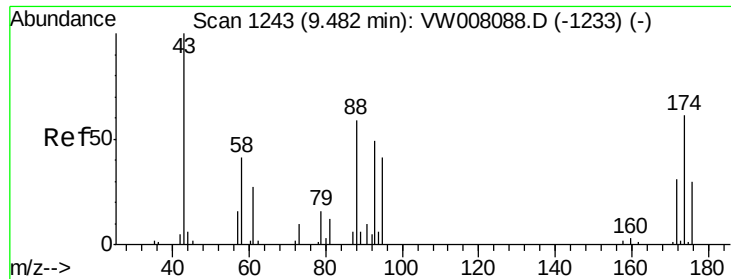
Tot Ion: 83 Resp: 65314
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 7.5 6.0 9.0



#48
Methyl methacrylate
Concen: 60.304 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 41 Resp: 29603
Ion Ratio Lower Upper
41 100
69 77.4 61.9 92.9
39 53.7 43.0 64.4

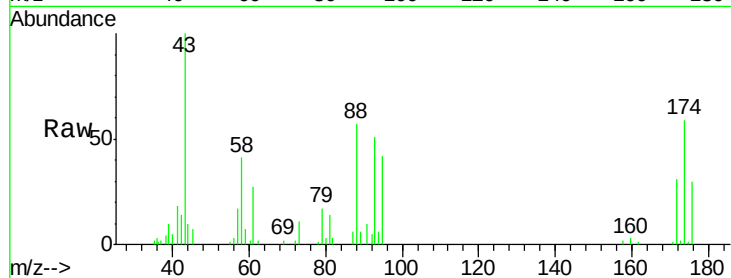




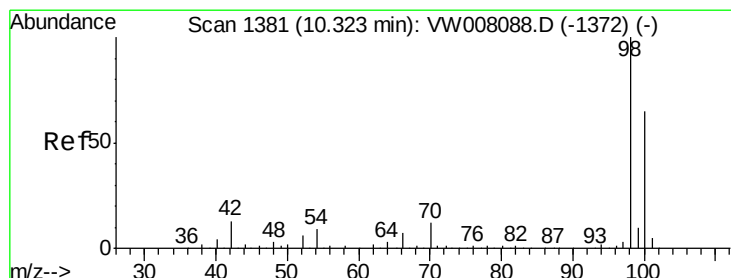
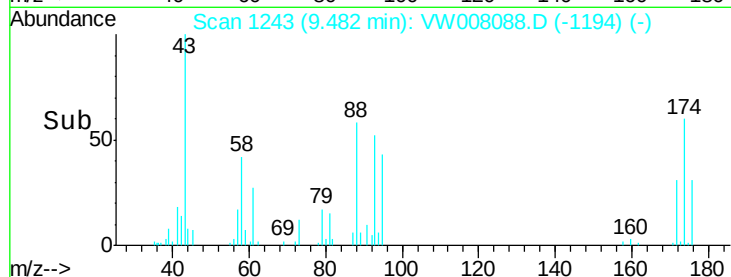
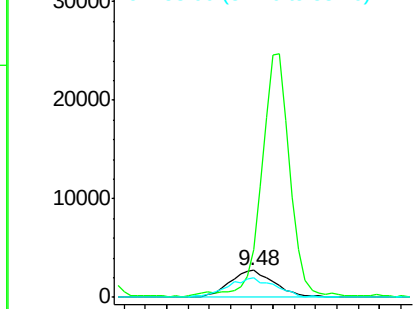
#49
1,4-Dioxane
Concen: 1044.167 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 8034
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.1 61.7 92.5

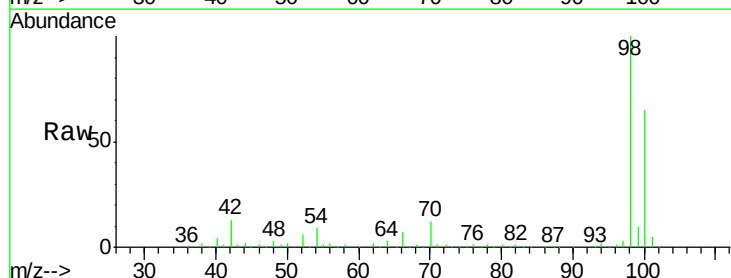


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

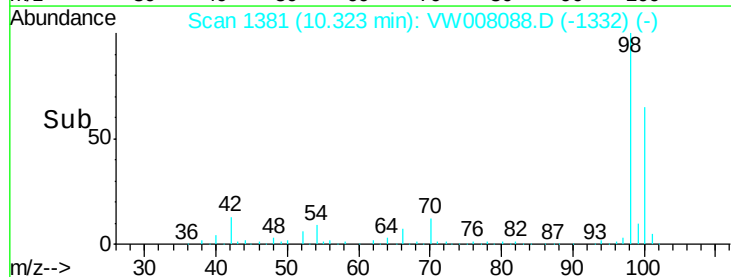
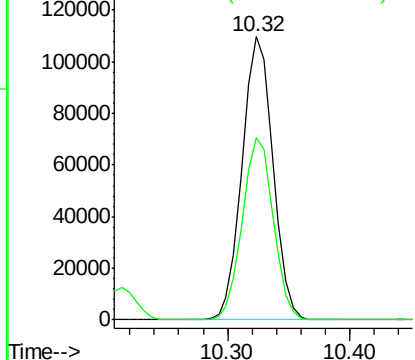


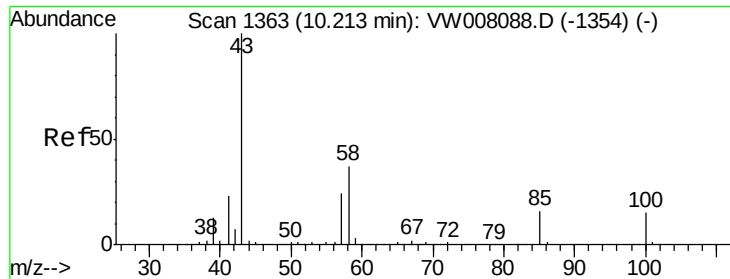
#50
Toluene-d8
Concen: 51.375 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 98 Resp: 192531
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 317.966 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

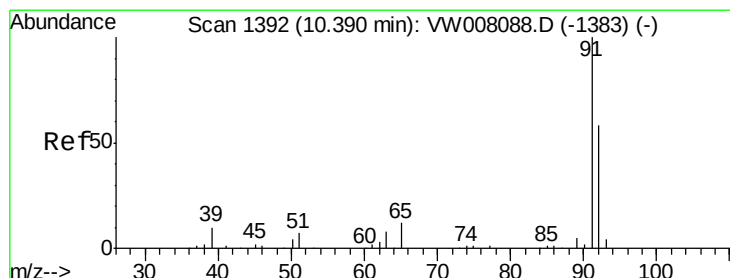
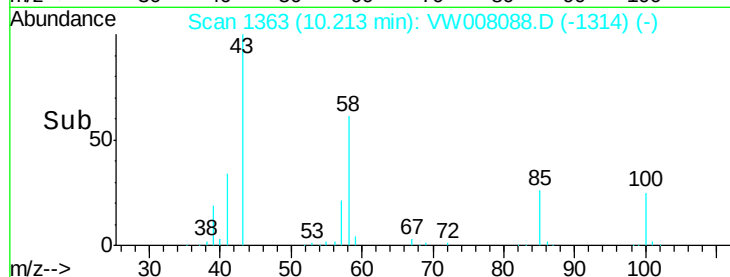
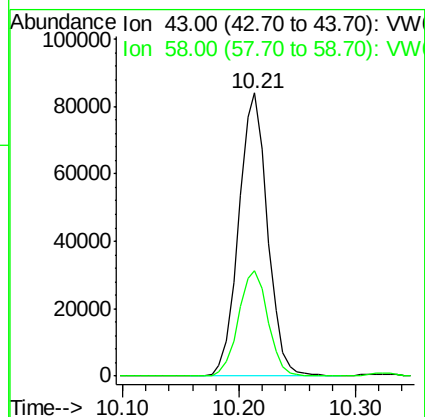
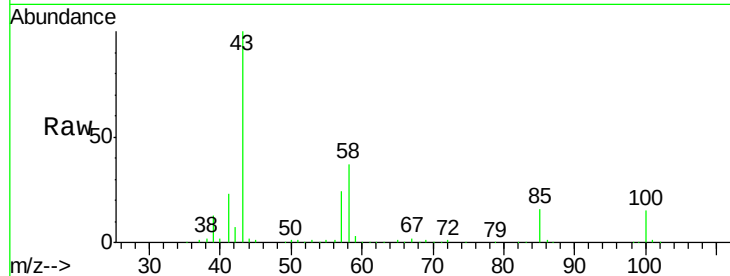
VSTDICCC050

Tot Ion: 43 Resp: 145026

Ion Ratio Lower Upper

43 100

58 38.3 30.6 46.0



#52

Toluene

Concen: 50.721 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008088.D

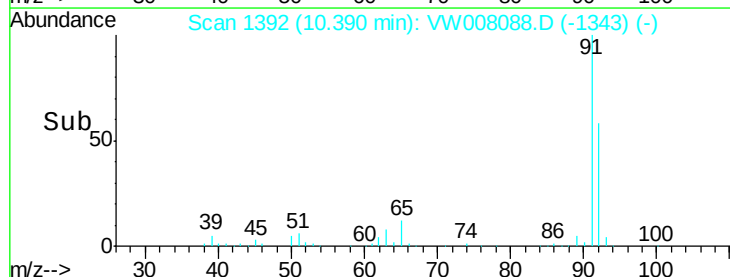
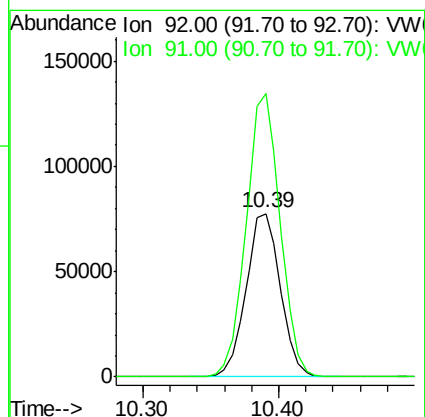
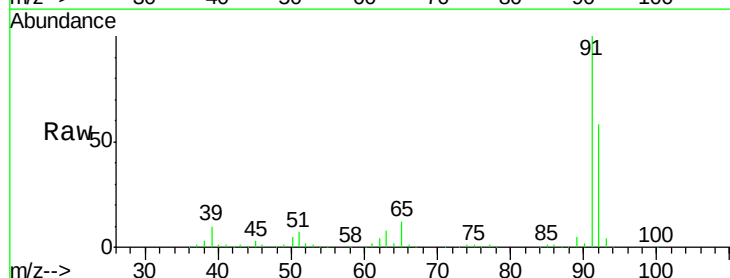
Acq: 08 Jan 2019 16:28

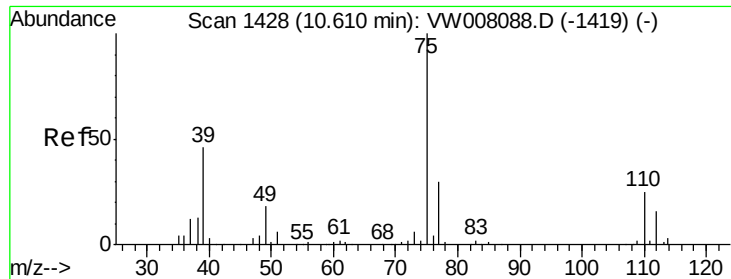
Tgt Ion: 92 Resp: 137074

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.4

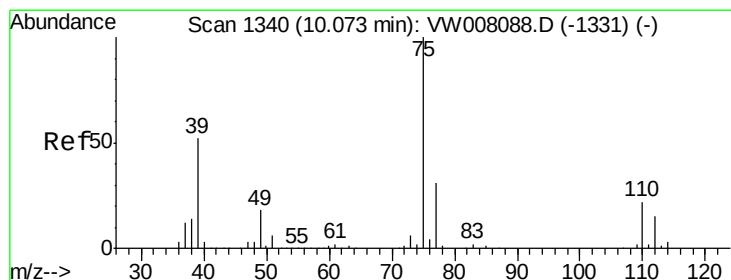
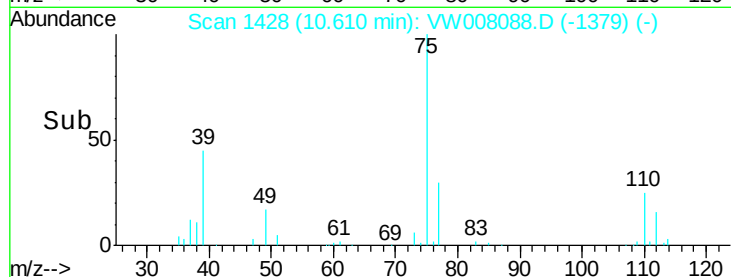
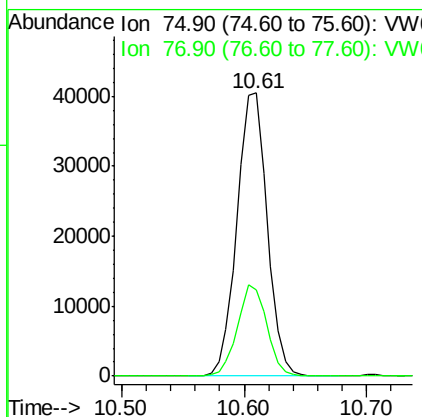
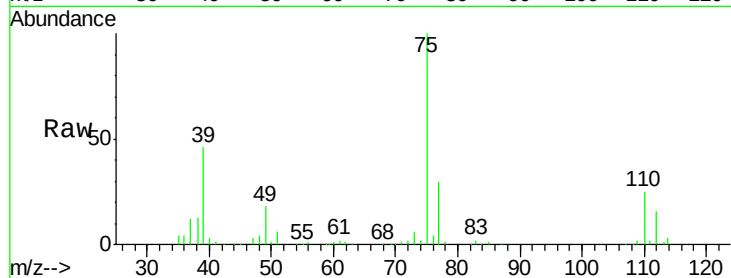




#53
 t-1,3-Dichloropropene
 Concen: 49.896 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

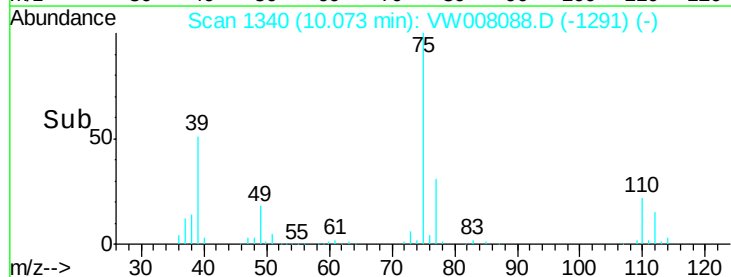
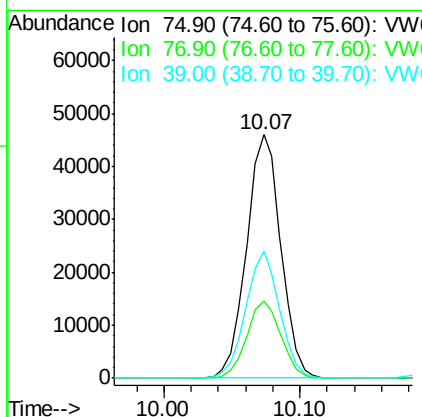
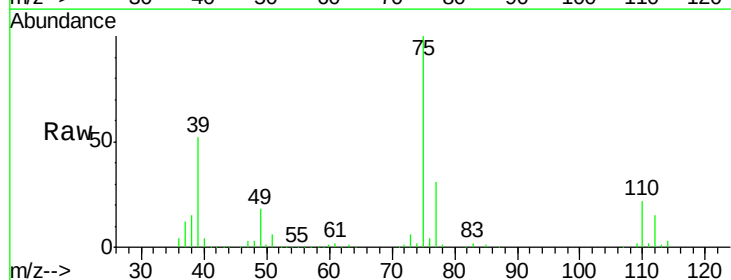
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

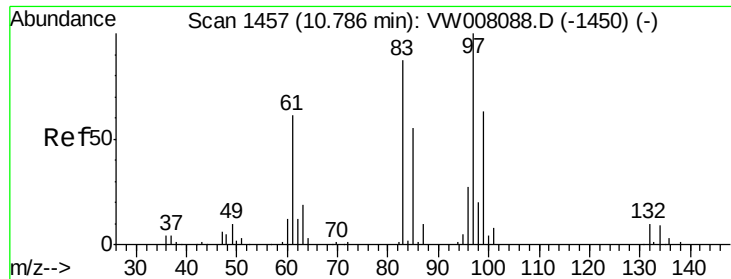
Tot Ion: 75 Resp: 69328
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.838 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion: 75 Resp: 81127
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 51.7 41.4 62.0

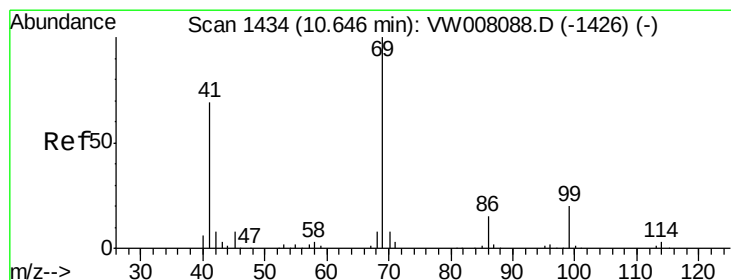
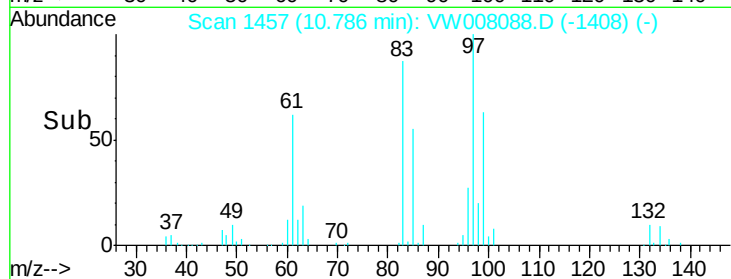
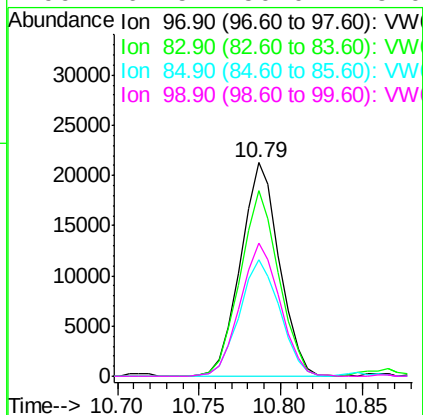
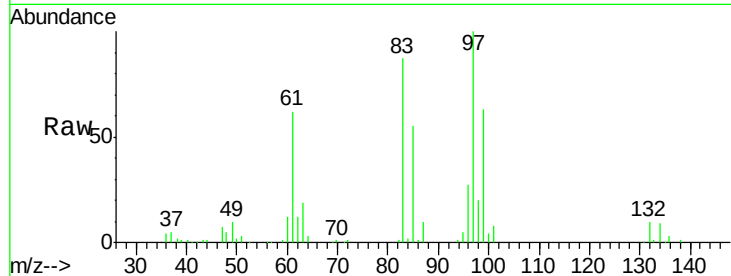




#55
 1,1,2-Trichloroethane
 Concen: 50.561 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

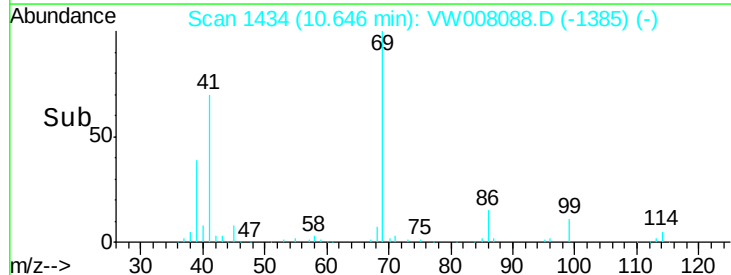
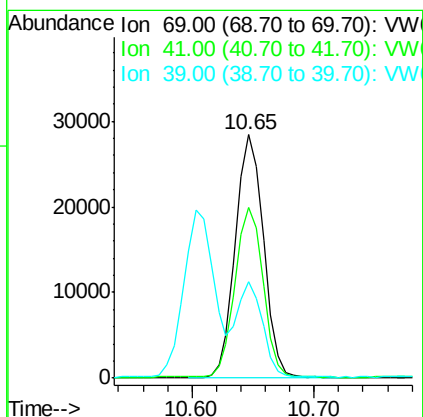
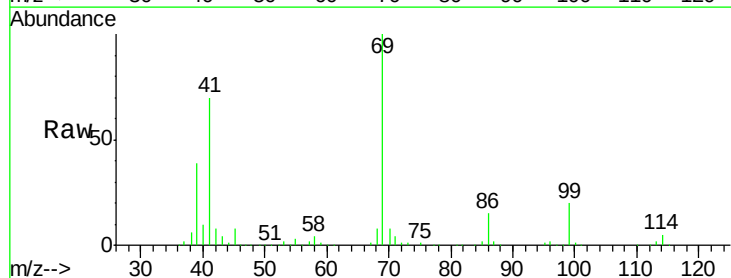
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

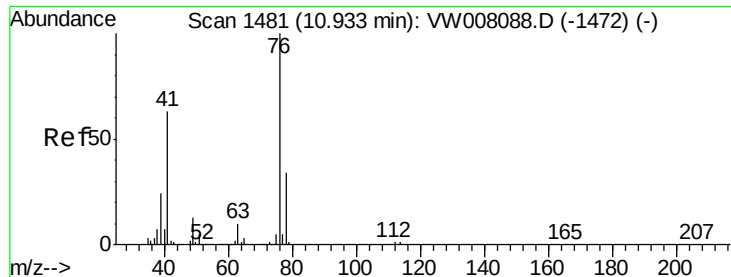
Tot Ion:	97	Resp:	35276
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.3	103.9
85	54.7	43.8	65.6
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 56.272 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion:	69	Resp:	45539
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.4	84.6
39	35.1	28.1	42.1

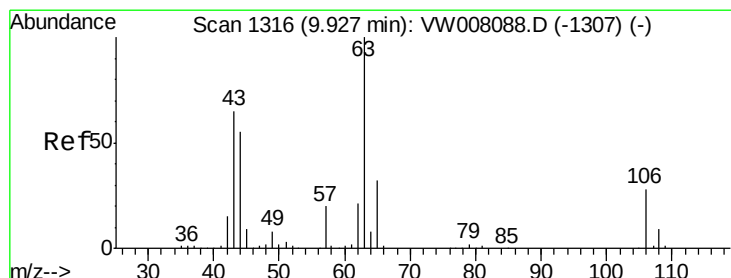
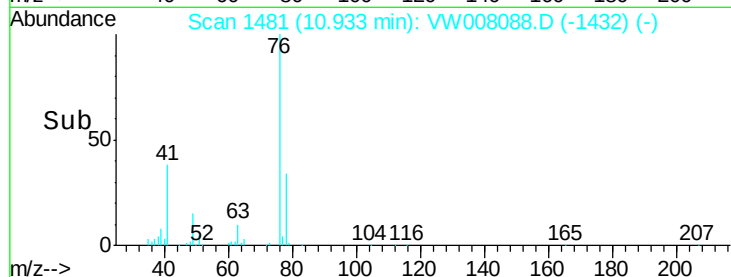
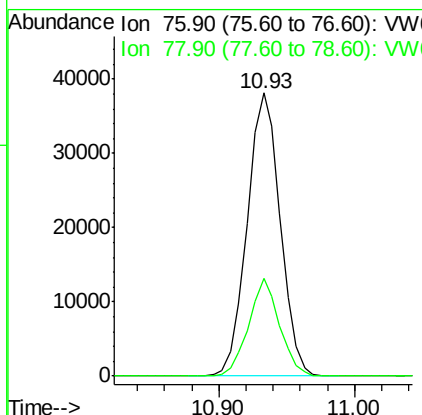
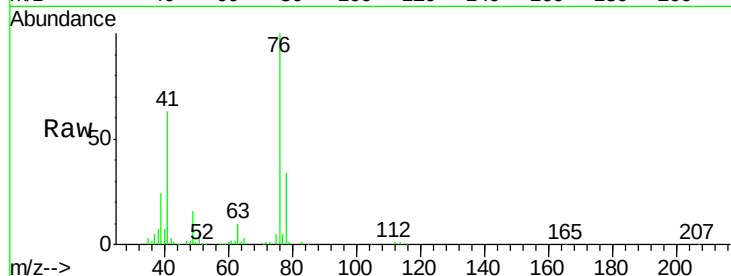




#57
 1,3-Dichloropropane
 Concen: 53.587 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

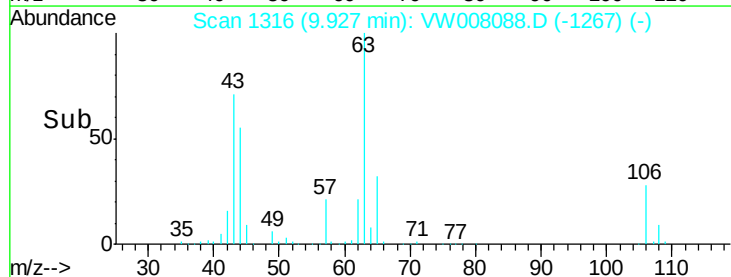
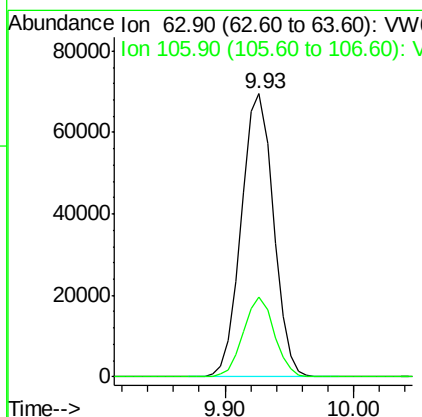
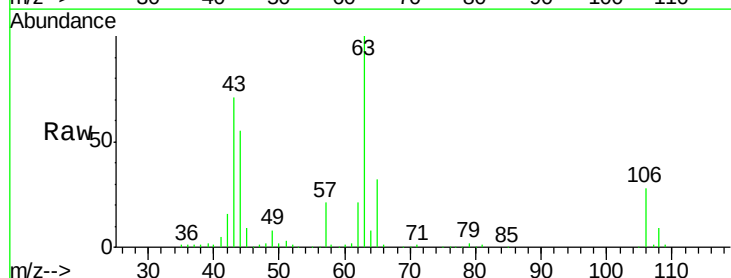
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

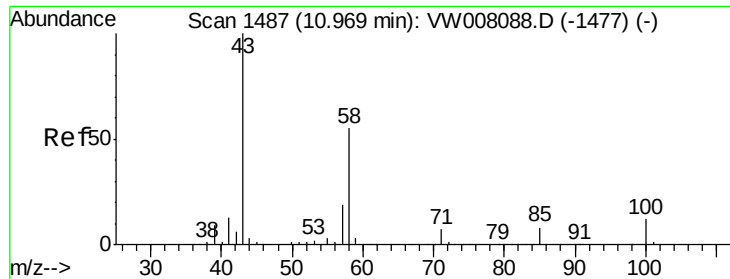
Tot Ion: 76 Resp: 64909
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 303.865 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion: 63 Resp: 120076
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.8 32.6





#59

2-Hexanone

Concen: 321.694 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

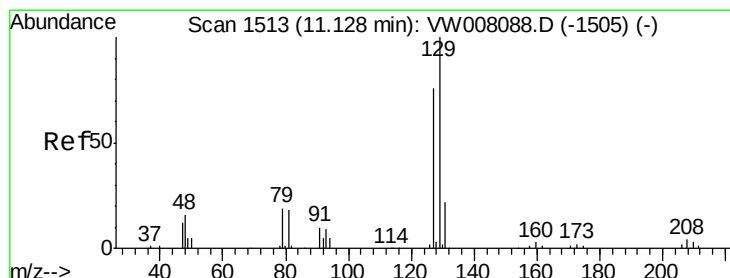
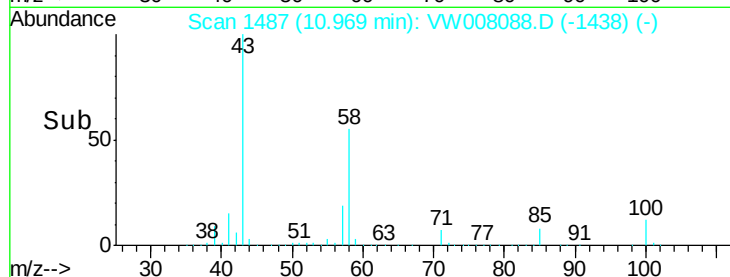
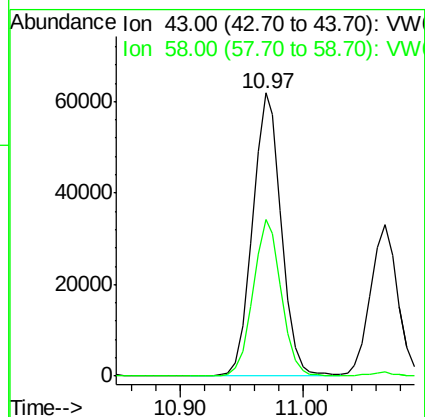
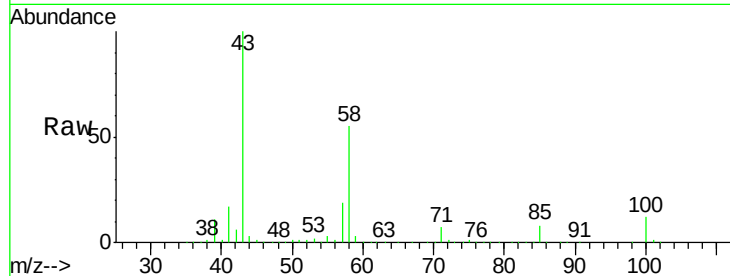
VSTDICCC050

Tot Ion: 43 Resp: 100971

Ion Ratio Lower Upper

43 100

58 54.3 27.2 81.5



#60

Dibromochloromethane

Concen: 43.107 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008088.D

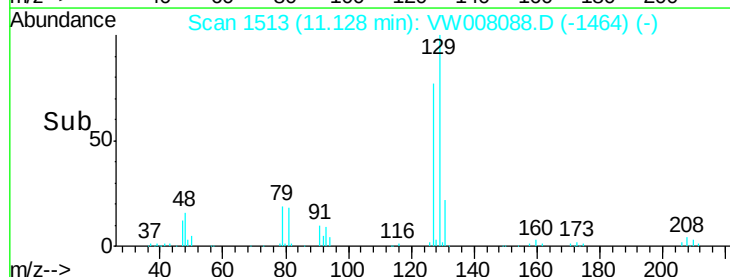
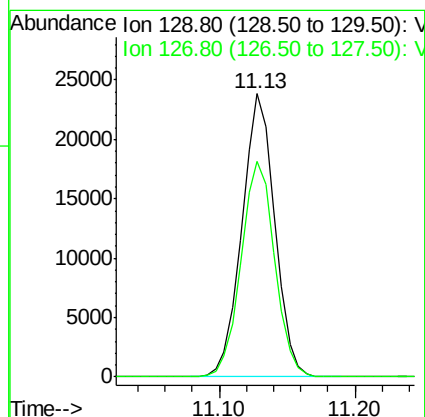
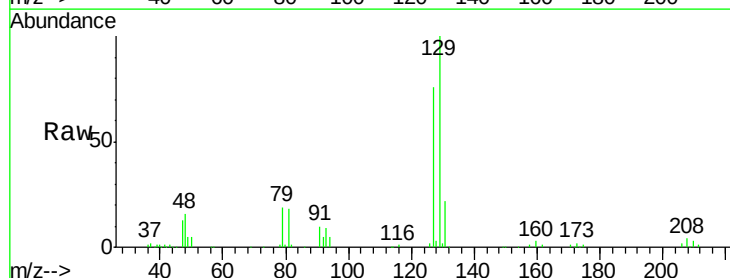
Acq: 08 Jan 2019 16:28

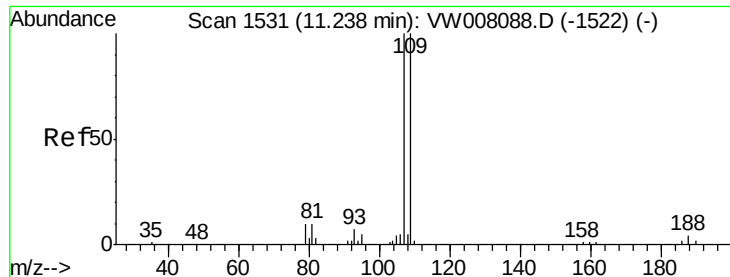
Tgt Ion: 129 Resp: 40225

Ion Ratio Lower Upper

129 100

127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.307 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

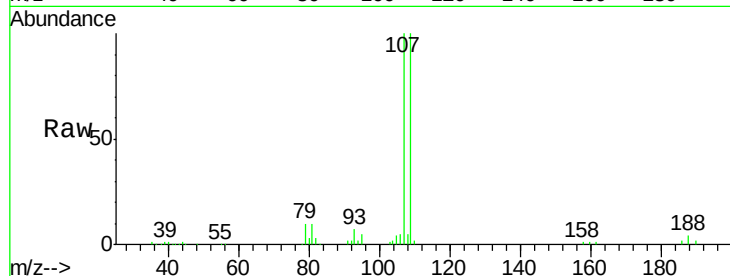
VSTDICCC050

Tot Ion:107 Resp: 34444

Ion Ratio Lower Upper

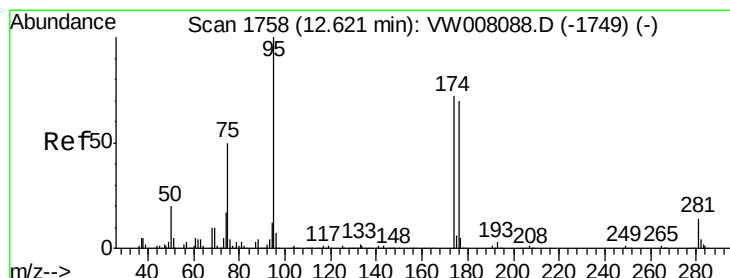
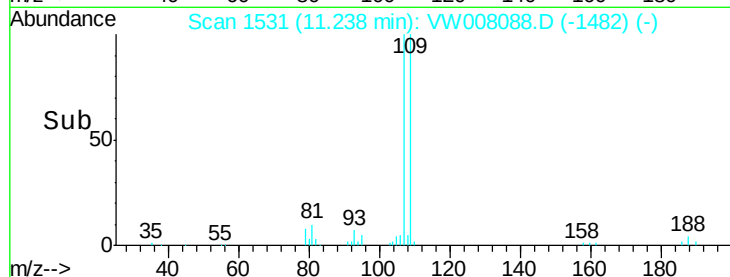
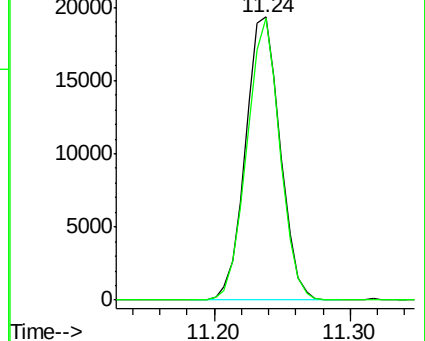
107 100

109 94.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

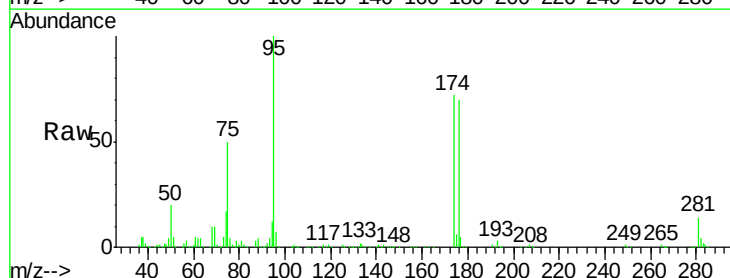
Tgt Ion: 95 Resp: 68010

Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.0

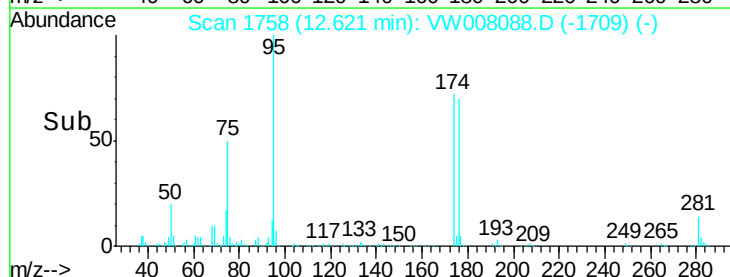
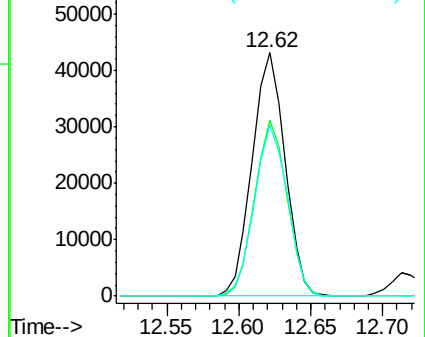
176 70.1 0.0 140.2

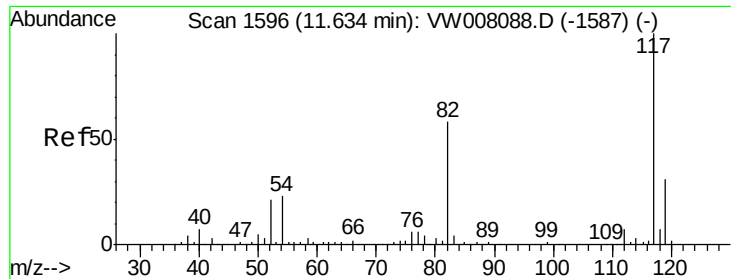


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

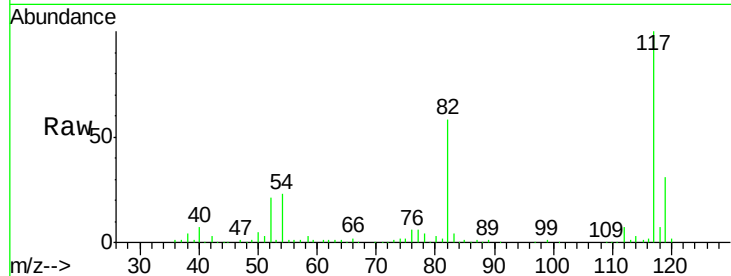




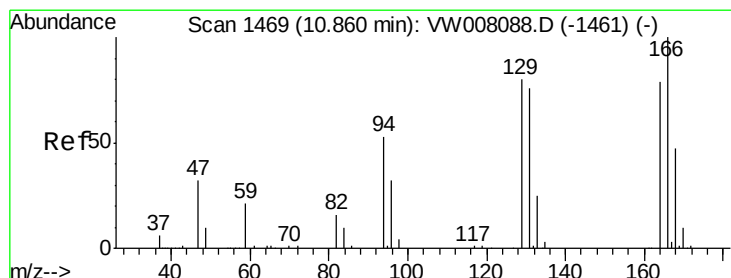
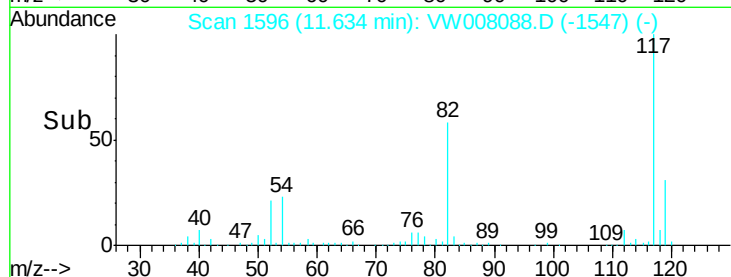
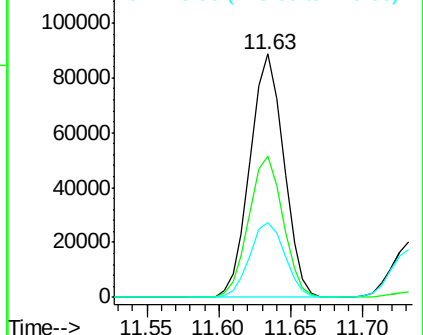
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 144561
Ion Ratio Lower Upper
117 100
82 58.0 46.4 69.6
119 30.9 24.7 37.1



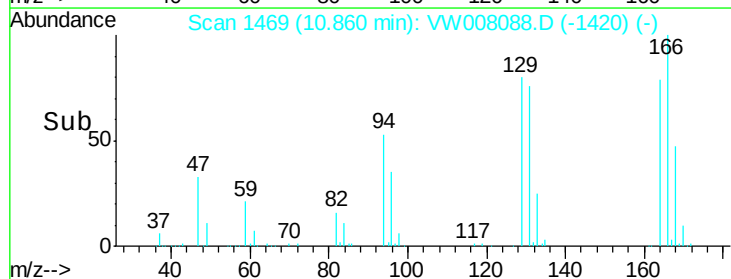
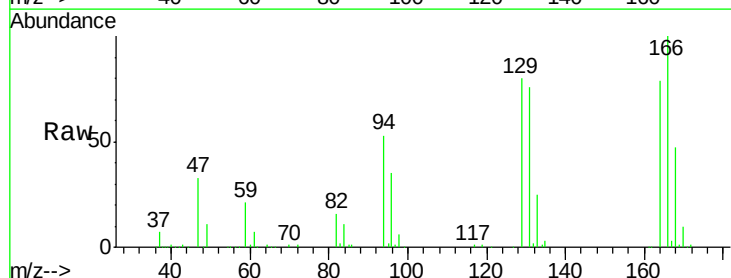
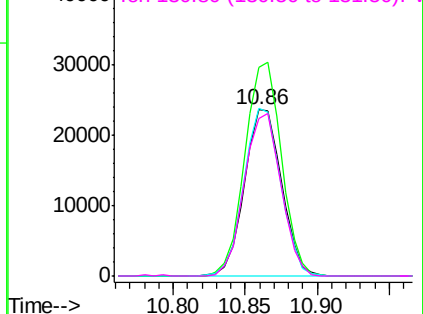
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

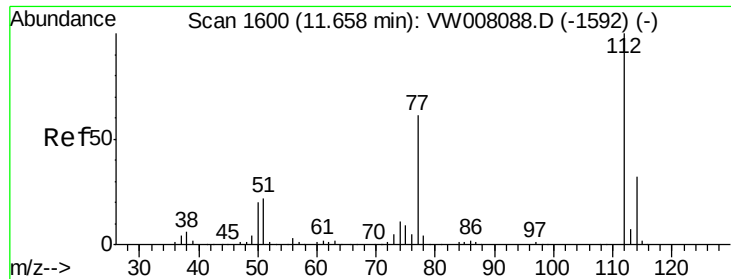


#64
Tetrachloroethene
Concen: 43.524 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion:164 Resp: 41954
Ion Ratio Lower Upper
164 100
166 125.9 100.7 151.1
129 101.2 81.0 121.4
131 95.1 76.1 114.1

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

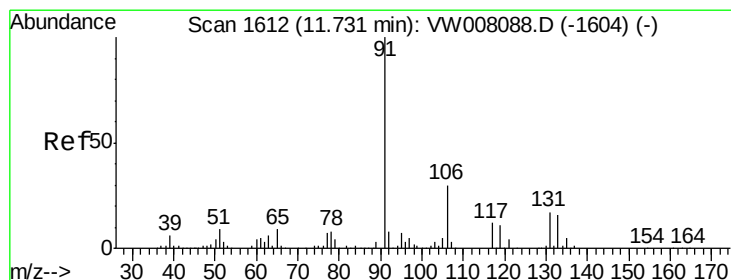
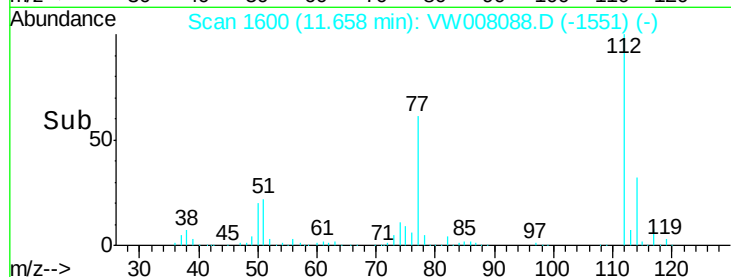
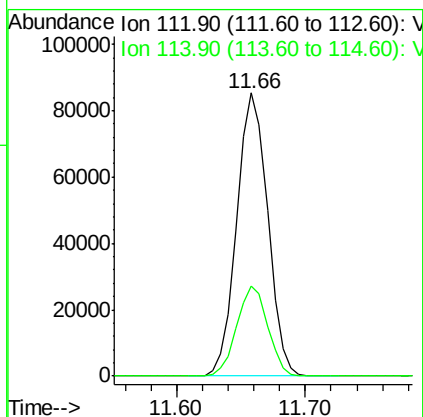
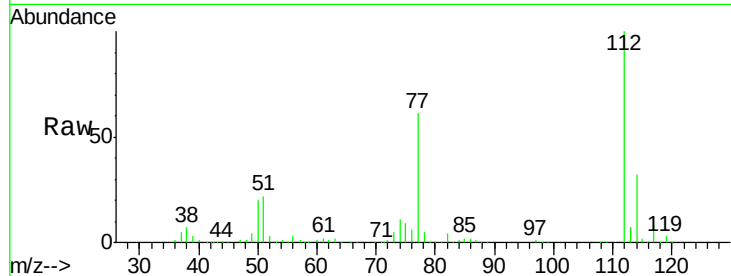




#65
Chlorobenzene
Concen: 46.912 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

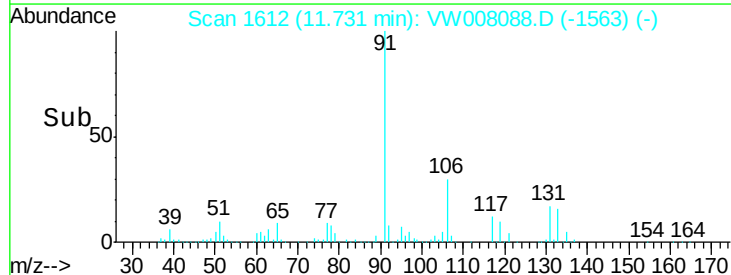
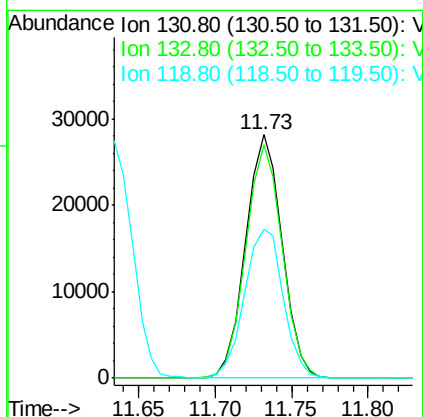
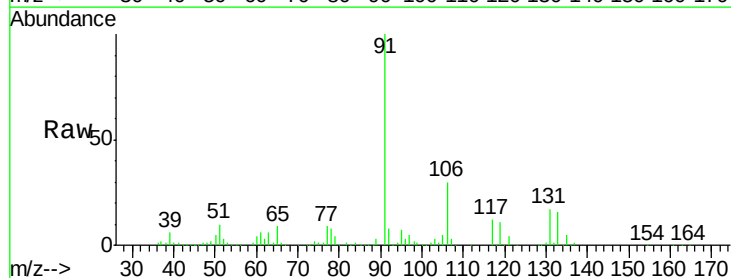
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

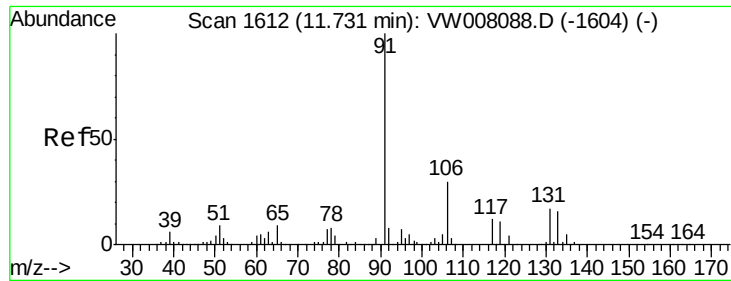
Tot Ion:112 Resp: 142247
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 43.042 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion:131 Resp: 46645
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.9 32.5 97.4

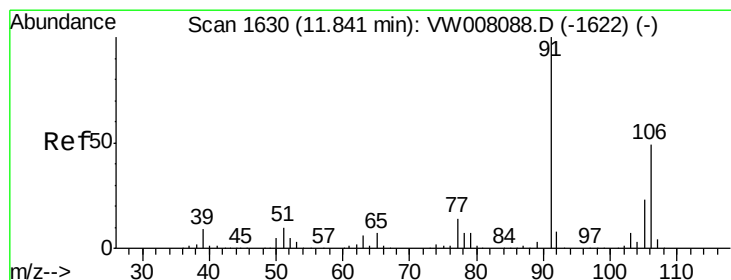
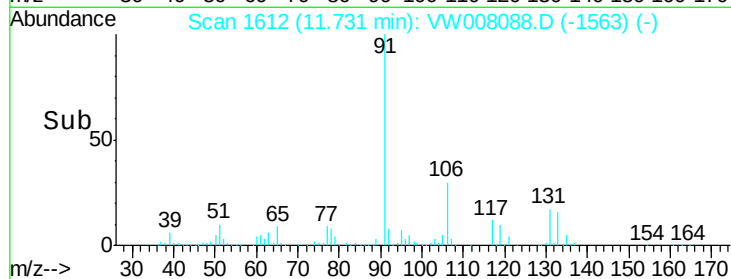
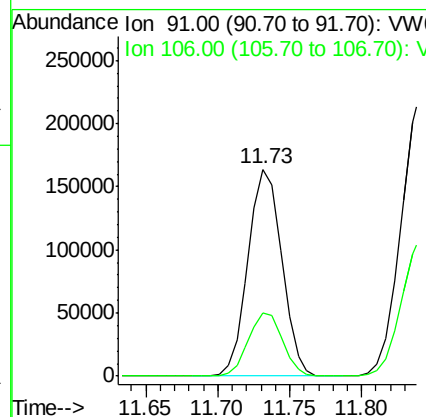
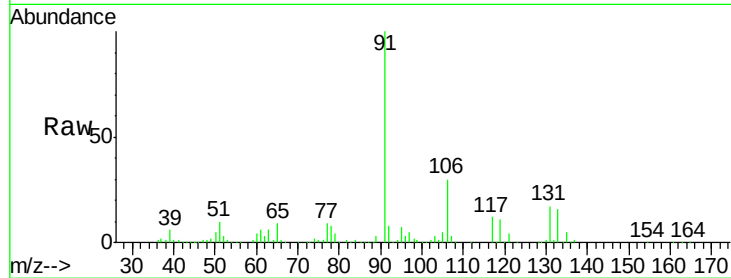




#67
Ethyl Benzene
Concen: 49.185 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

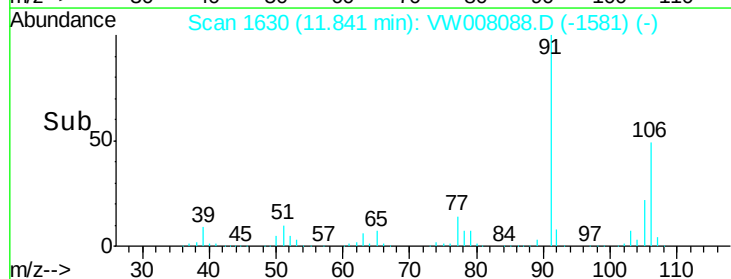
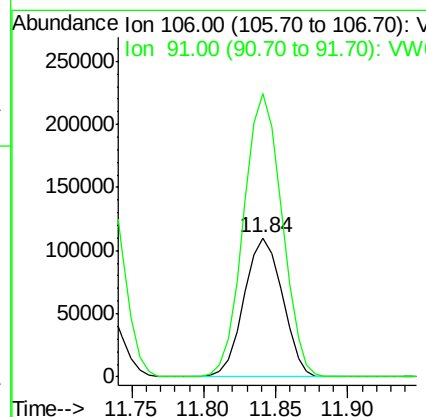
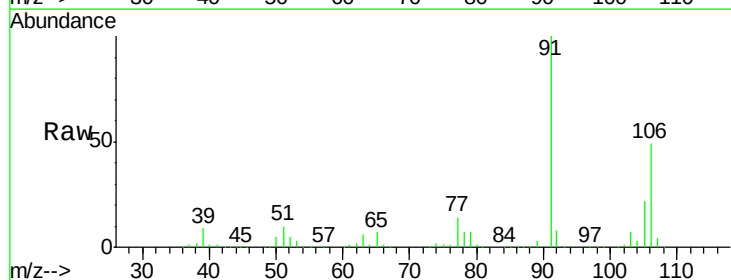
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

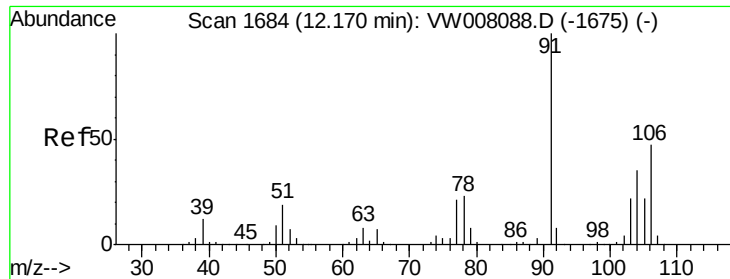
Tot Ion: 91 Resp: 266574
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 97.538 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 106 Resp: 203855
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6

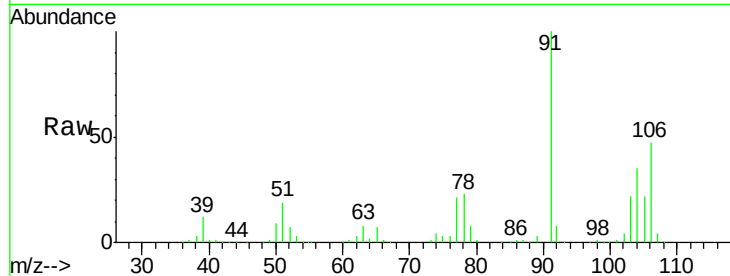




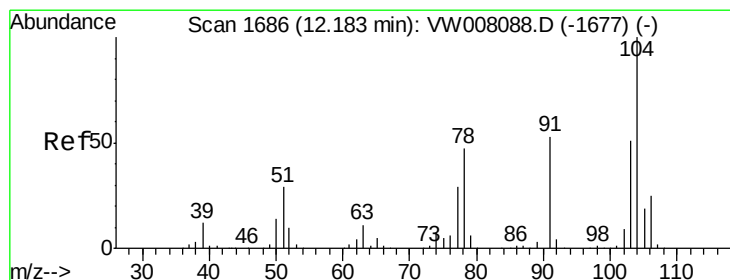
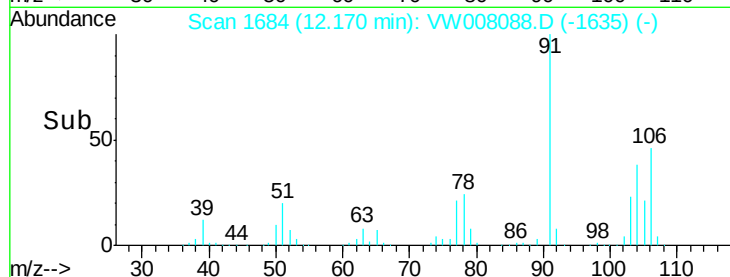
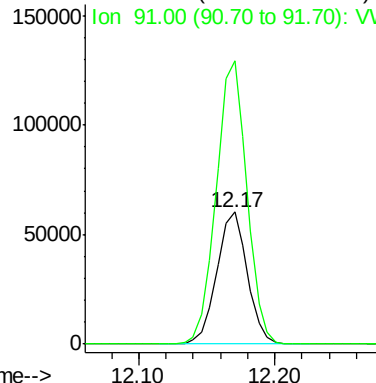
#69
o-Xylene
Concen: 48.729 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 94723
Ion Ratio Lower Upper
106 100
91 215.7 107.8 323.6

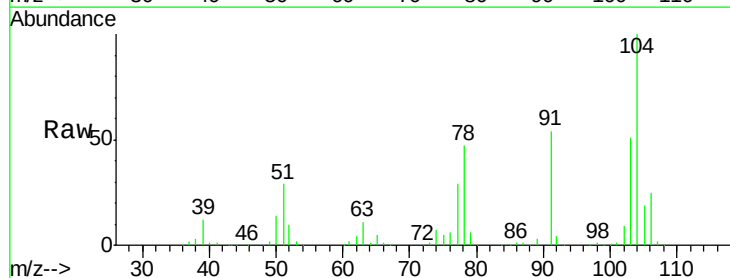


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

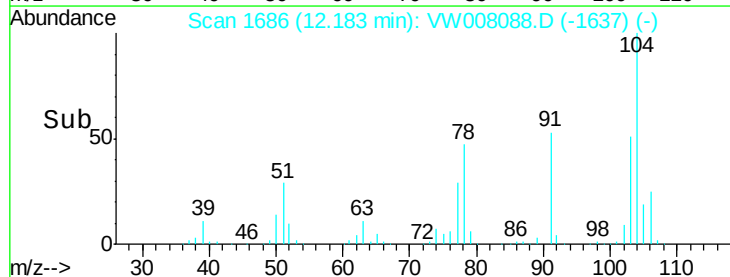
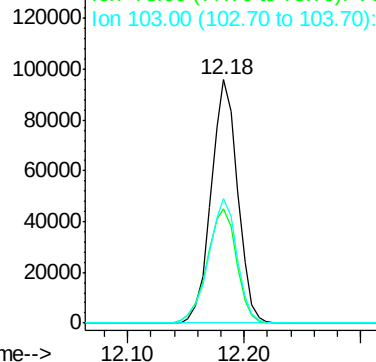


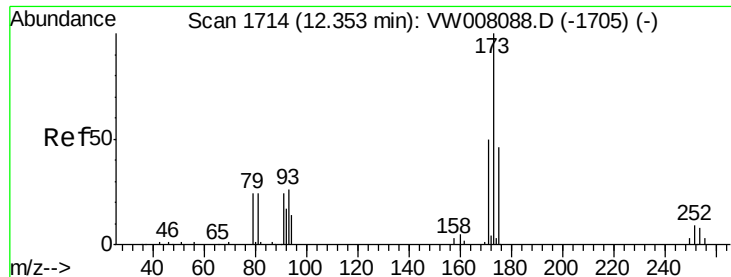
#70
Styrene
Concen: 48.190 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion:104 Resp: 152298
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 54.8 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V

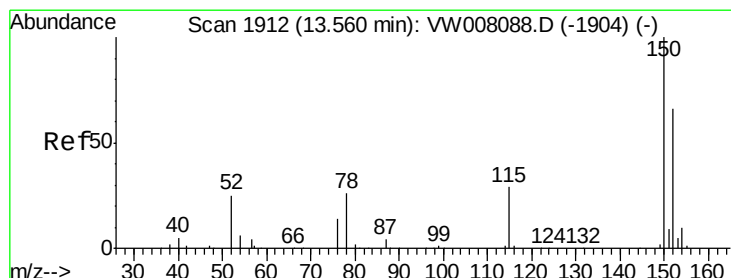
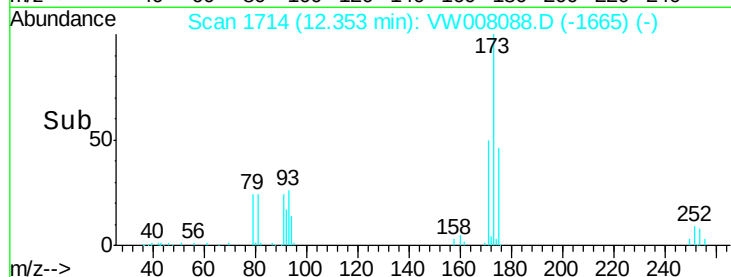
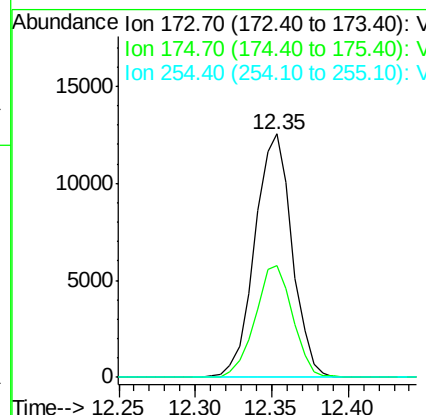
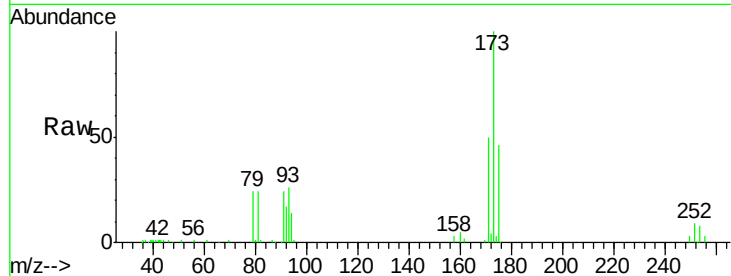




#71
Bromoform
Concen: 42.392 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

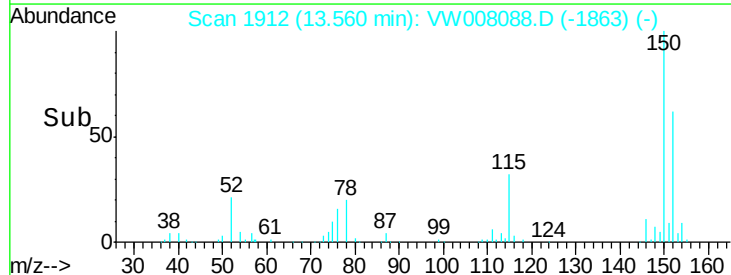
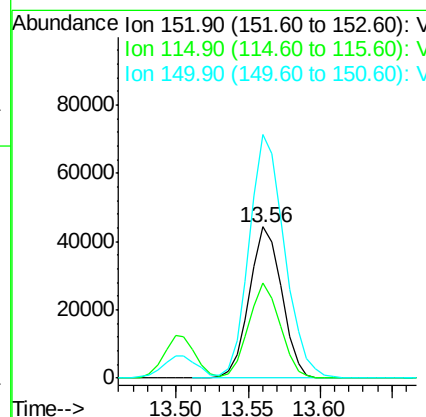
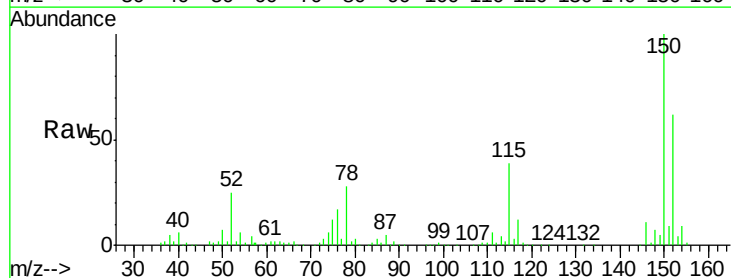
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

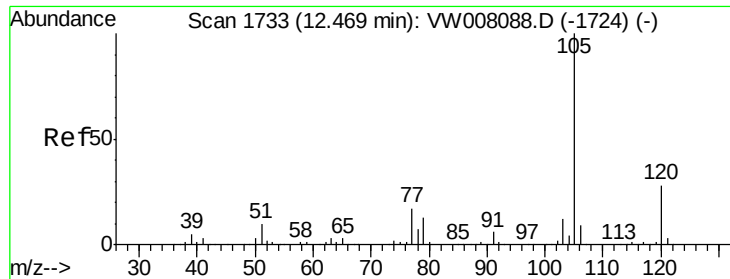
Tot Ion:173 Resp: 21196
Ion Ratio Lower Upper
173 100
175 46.5 23.3 69.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion:152 Resp: 68791
Ion Ratio Lower Upper
152 100
115 61.6 30.8 92.4
150 175.1 0.0 350.2





#73

Isopropylbenzene

Concen: 47.662 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

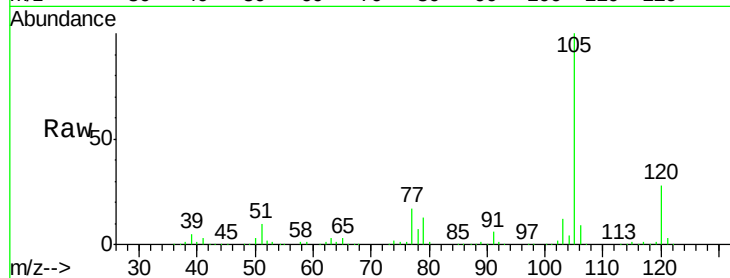
VSTDICCC050

Tot Ion:105 Resp: 256651

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

150000

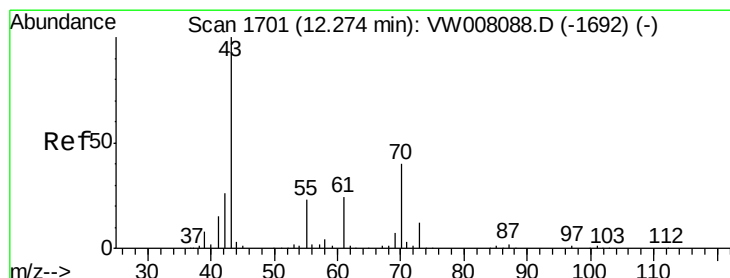
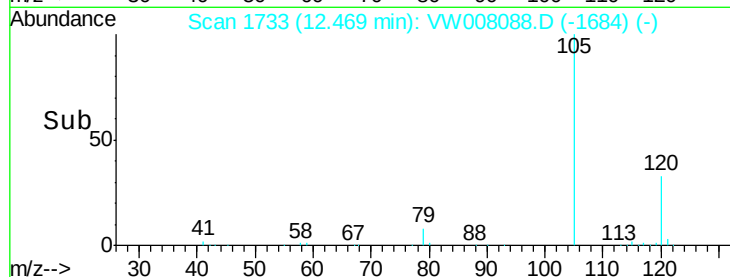
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 64.202 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Tgt Ion: 43 Resp: 57513

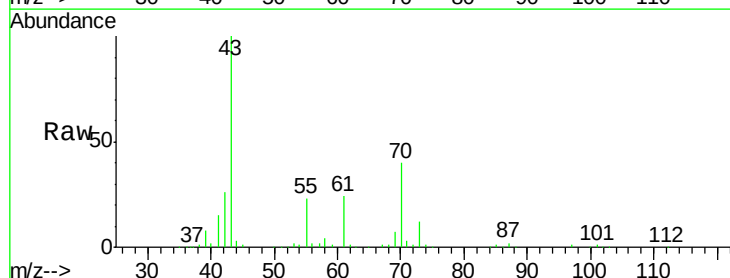
Ion Ratio Lower Upper

43 100

70 40.5 32.4 48.6

55 23.4 18.7 28.1

61 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

30000

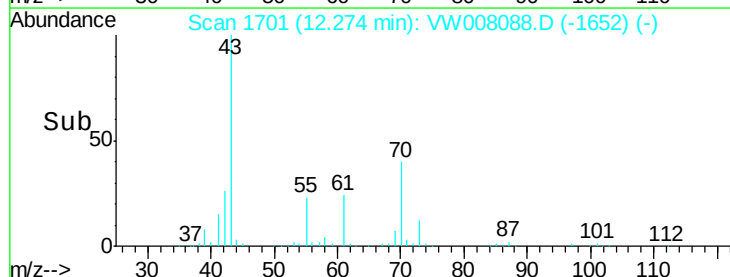
20000

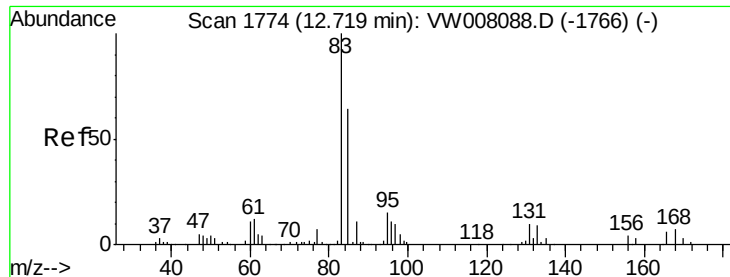
10000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 56.493 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

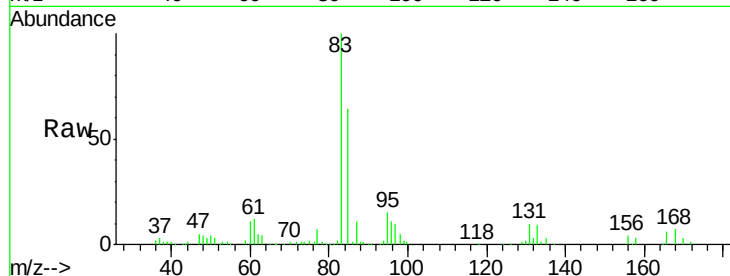
Tot Ion: 83 Resp: 40130

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

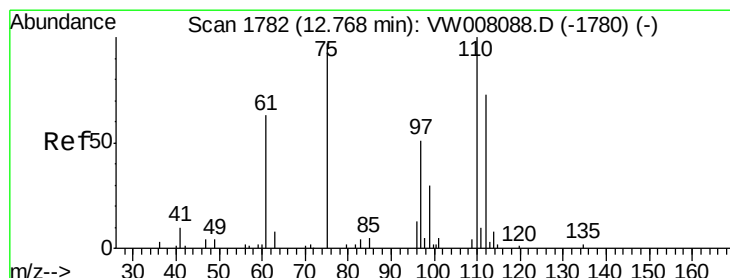
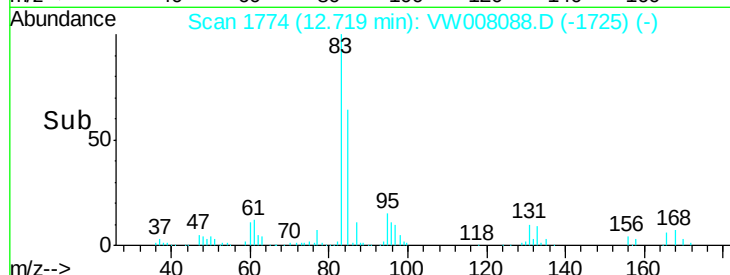
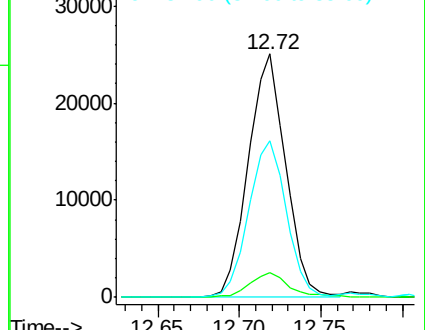
85 64.8 32.4 97.2



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: 99.512 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008088.D

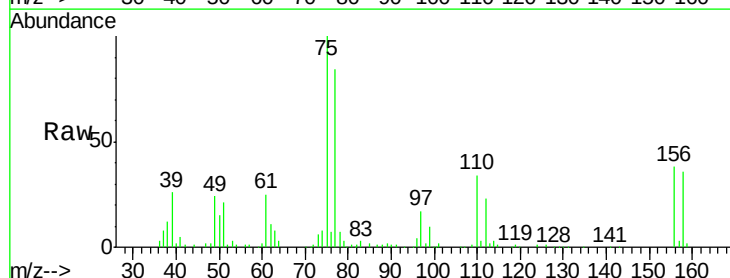
Acq: 08 Jan 2019 16:28

Tgt Ion: 75 Resp: 55003

Ion Ratio Lower Upper

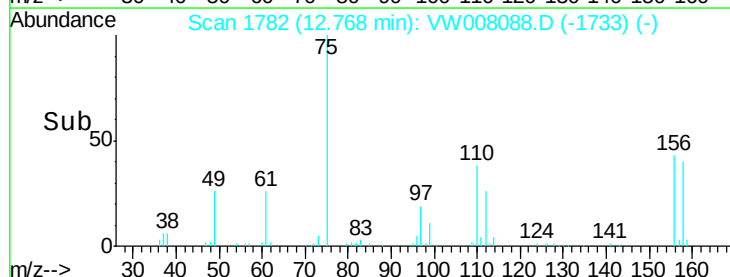
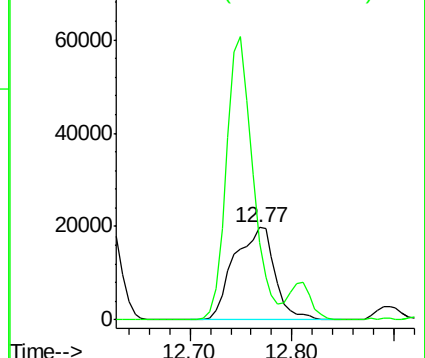
75 100

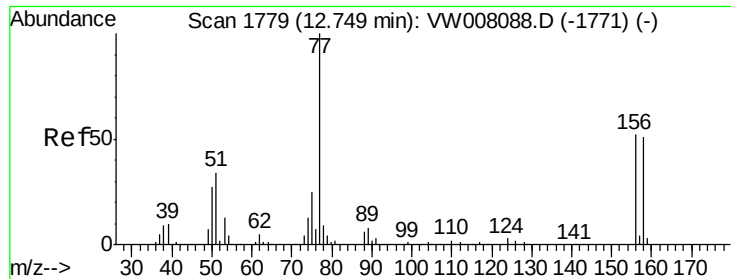
77 198.3 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 45.643 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

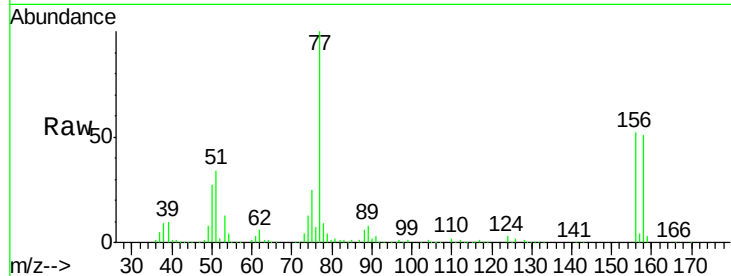
Tot Ion:156 Resp: 52368

Ion Ratio Lower Upper

156 100

77 208.3 104.2 312.5

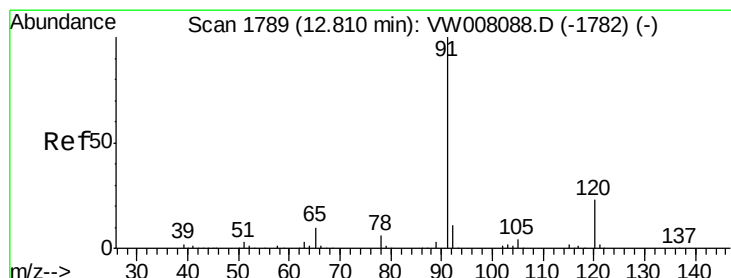
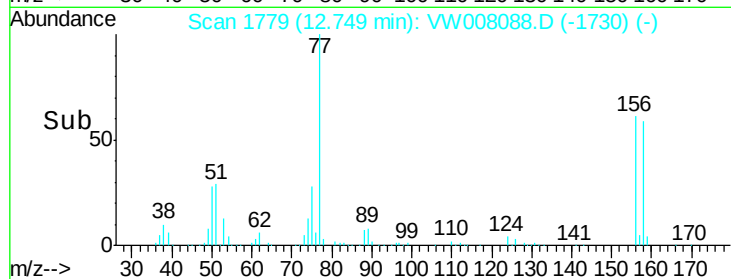
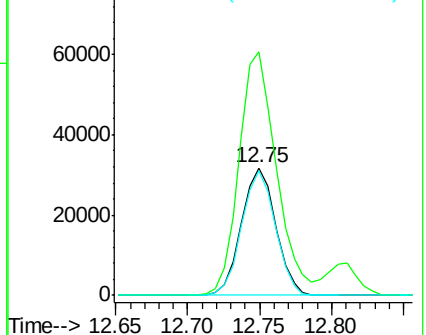
158 95.7 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.286 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008088.D

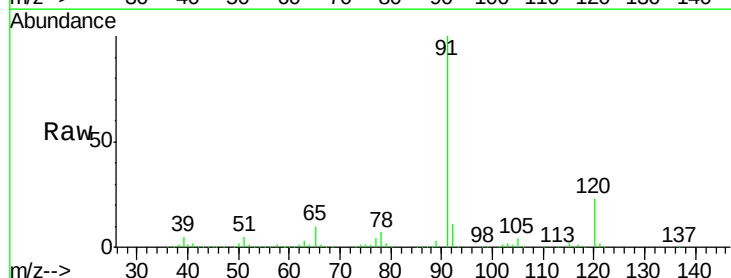
Acq: 08 Jan 2019 16:28

Tgt Ion: 91 Resp: 317473

Ion Ratio Lower Upper

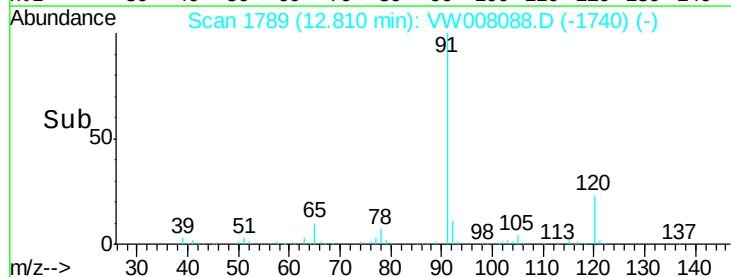
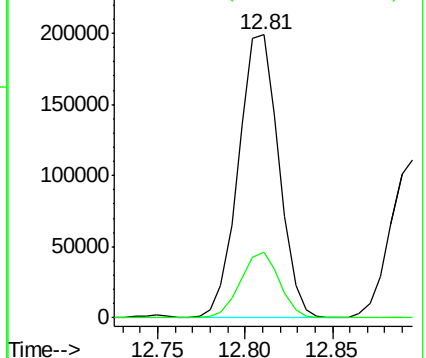
91 100

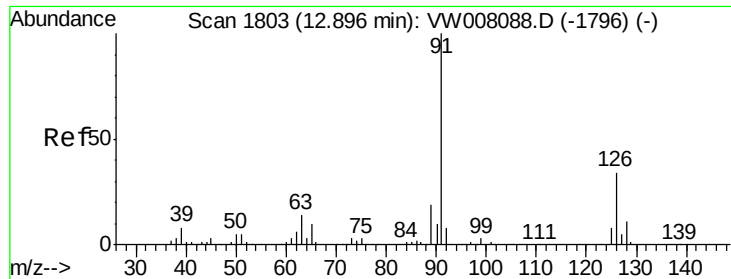
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.585 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

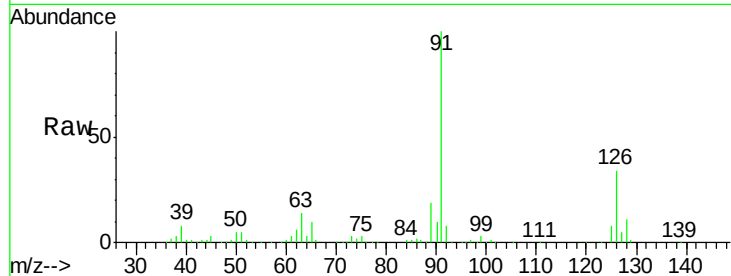
VSTDICCC050

Tot Ion: 91 Resp: 176053

Ion Ratio Lower Upper

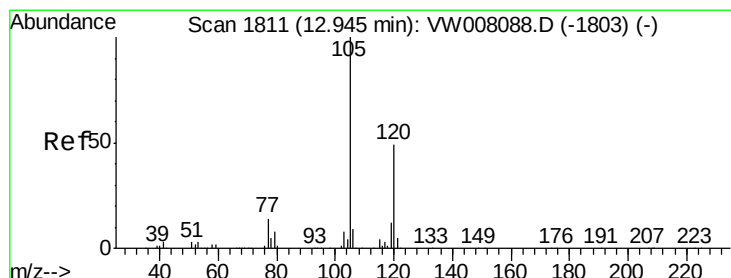
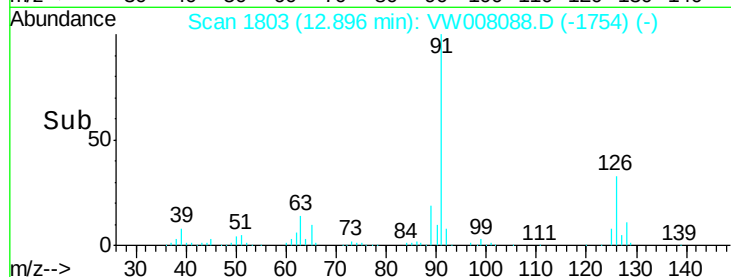
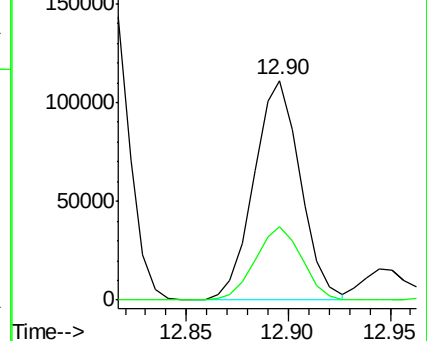
91 100

126 33.5 16.8 50.3



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: 46.731 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008088.D

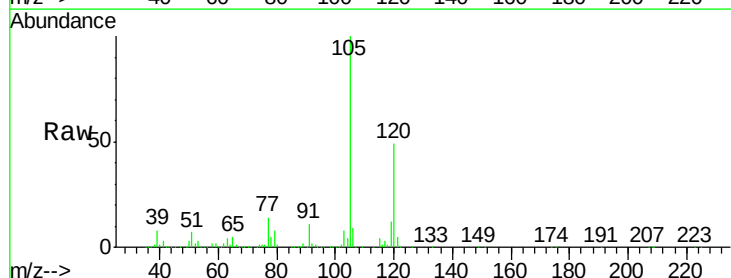
Acq: 08 Jan 2019 16:28

Tgt Ion:105 Resp: 215060

Ion Ratio Lower Upper

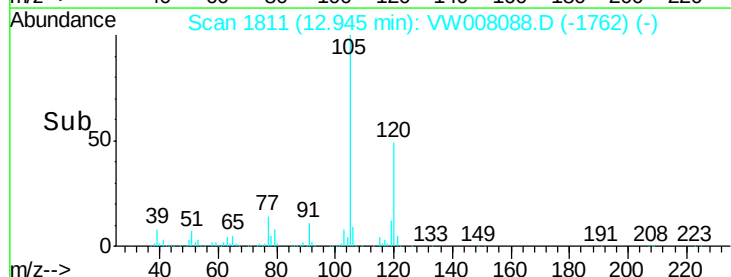
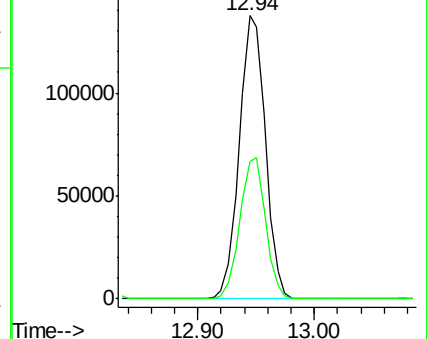
105 100

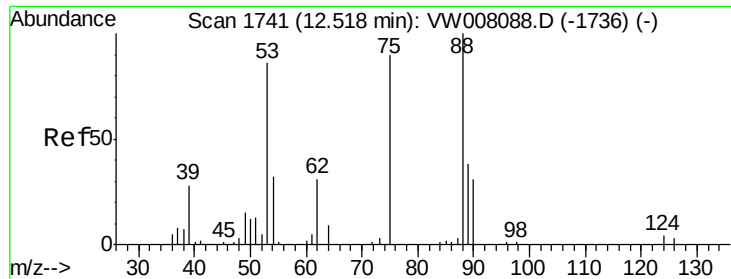
120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

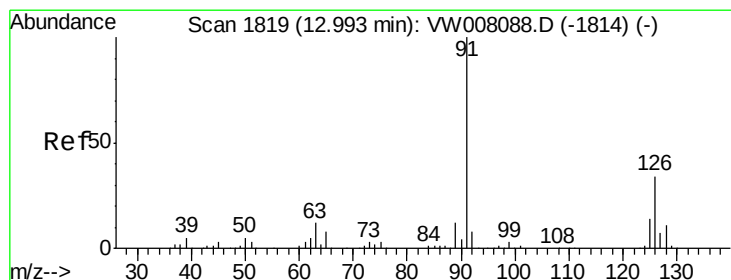
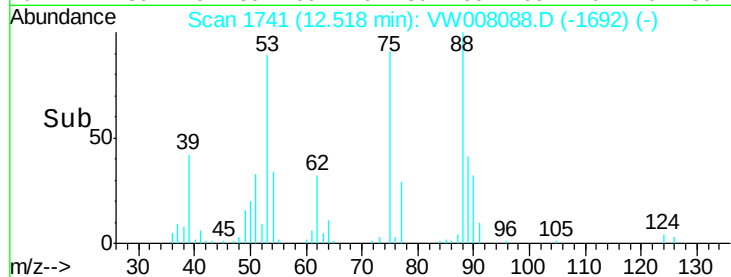
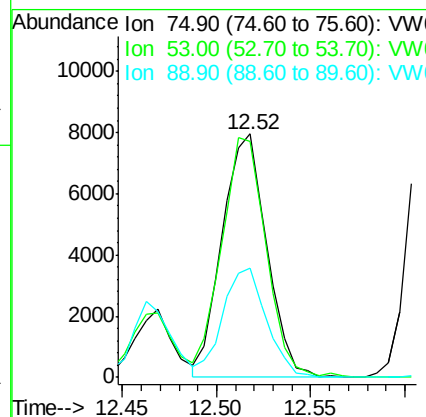
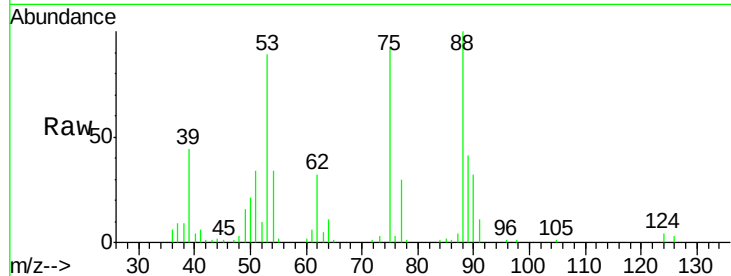




#81
trans-1,4-Dichloro-2-butene
Concen: 55.541 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

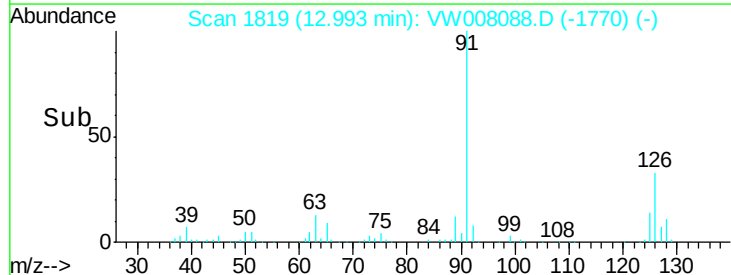
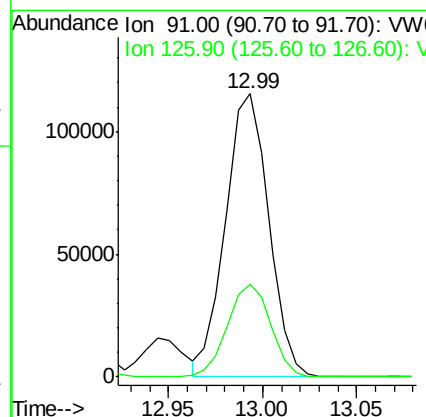
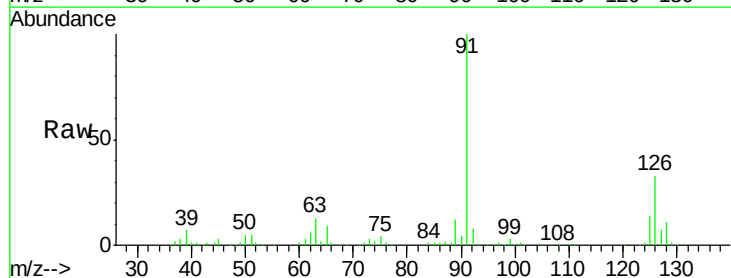
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

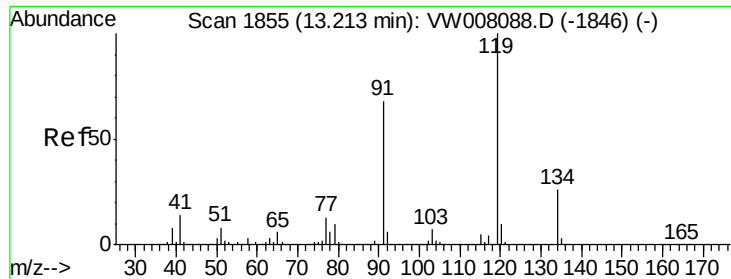
Tot Ion: 75 Resp: 13067
Ion Ratio Lower Upper
75 100
53 98.5 78.8 118.2
89 44.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 47.737 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion: 91 Resp: 183802
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

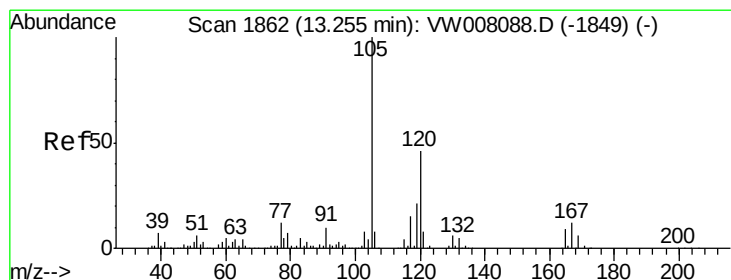
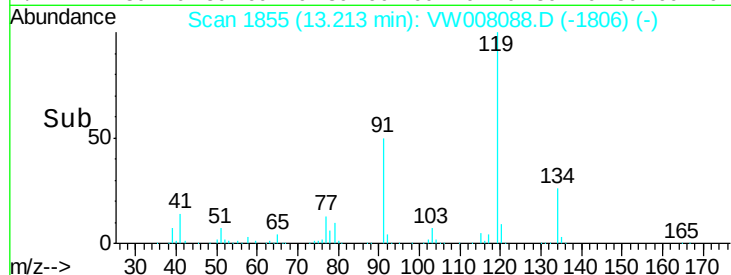
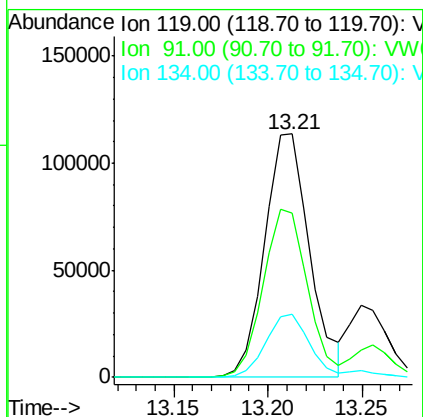
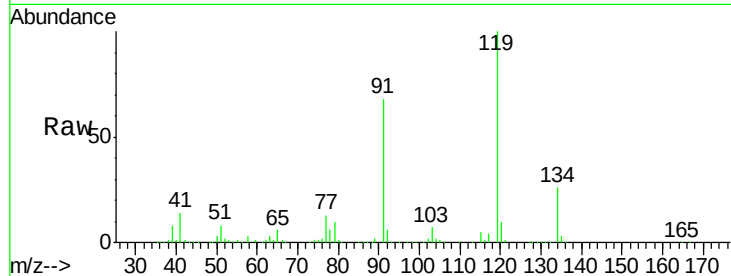




#83
 tert-Butylbenzene
 Concen: 46.723 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

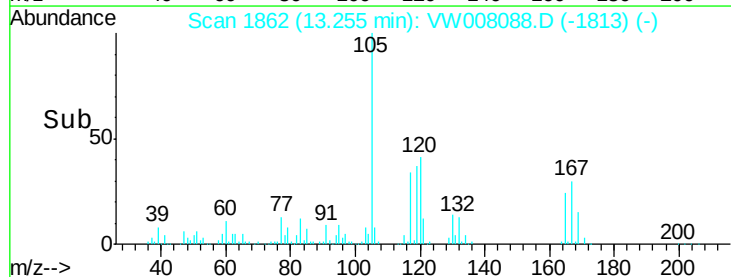
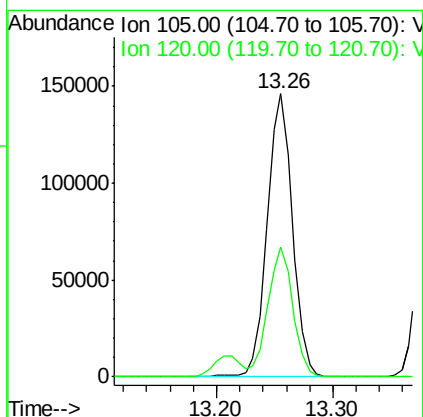
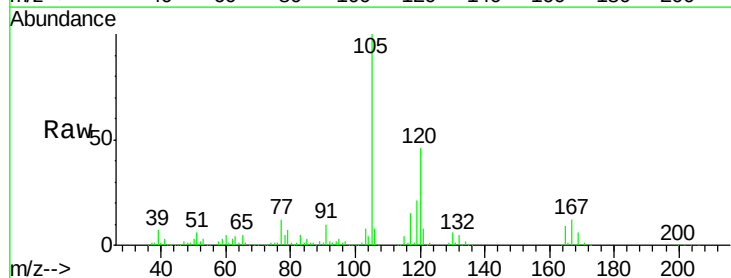
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

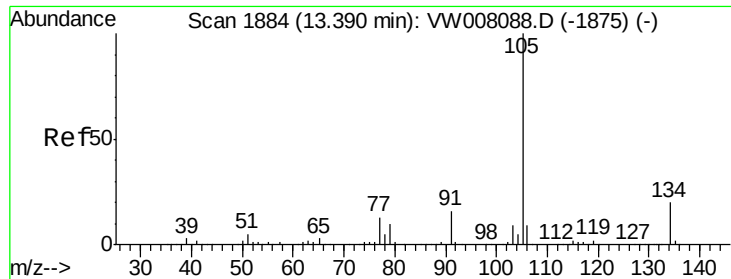
Tot Ion:119 Resp: 188868
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.9 101.6
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.139 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion:105 Resp: 220809
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

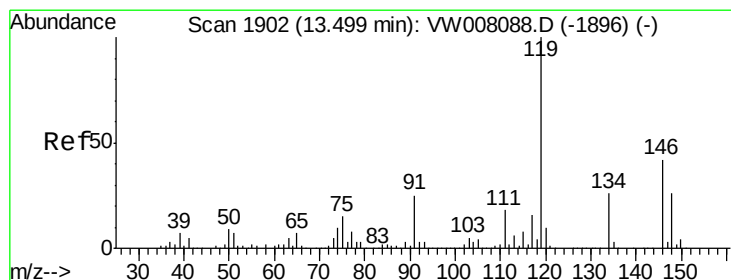
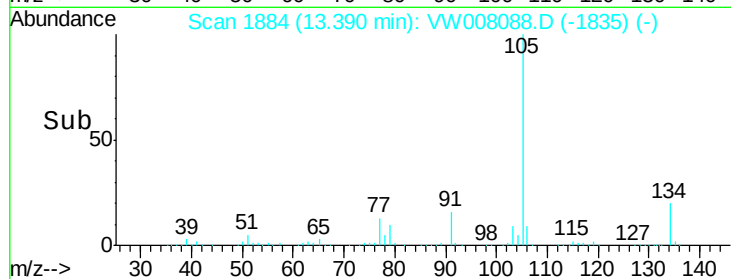
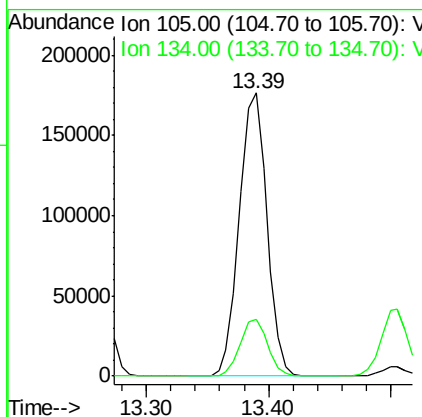
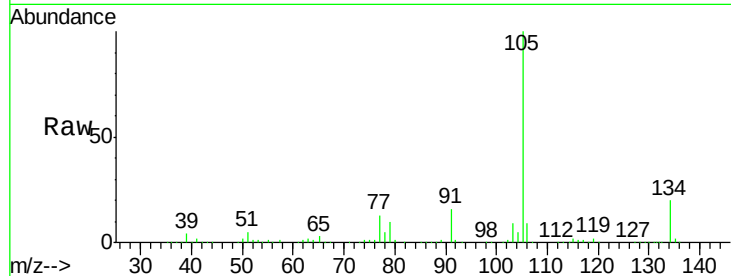




#85
 sec-Butylbenzene
 Concen: 49.354 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

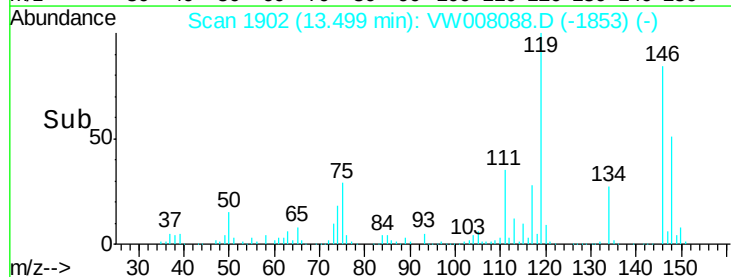
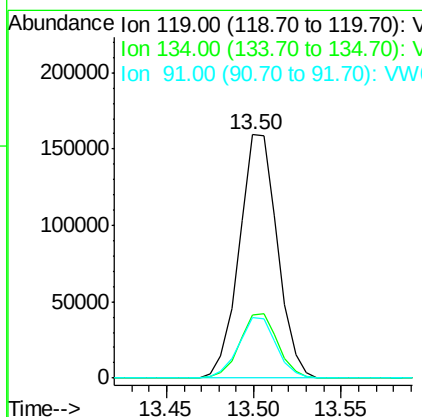
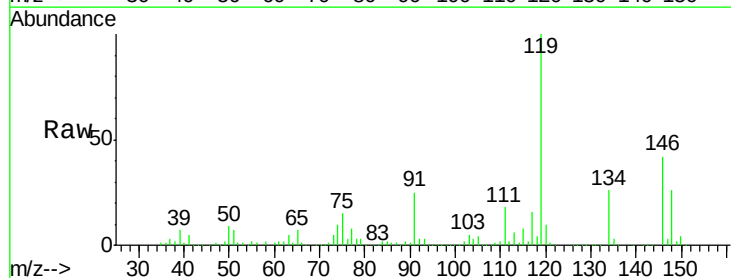
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

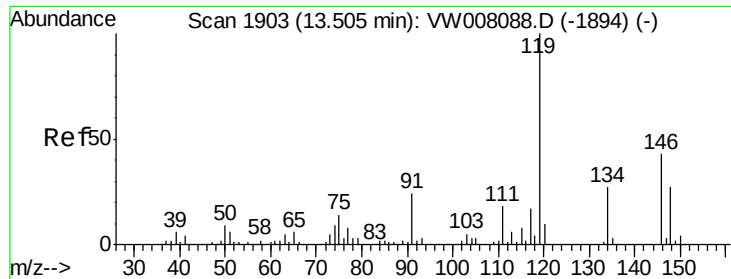
Tot Ion:105 Resp: 276921
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.886 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion:119 Resp: 240994
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 47.436 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

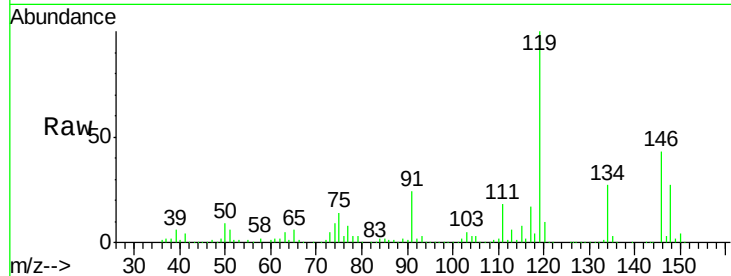
Tot Ion:146 Resp: 110726

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

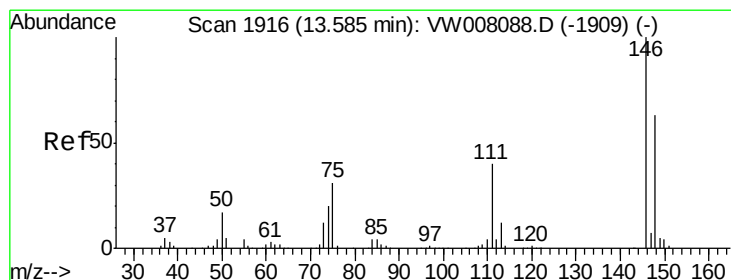
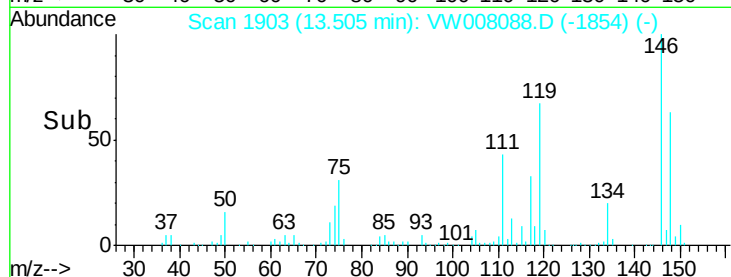
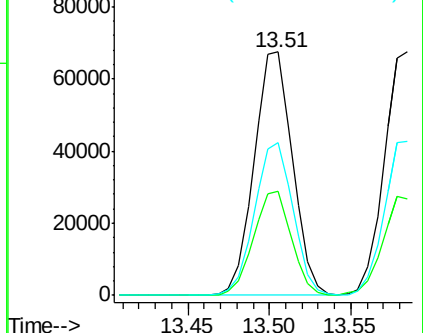
148 62.6 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.313 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

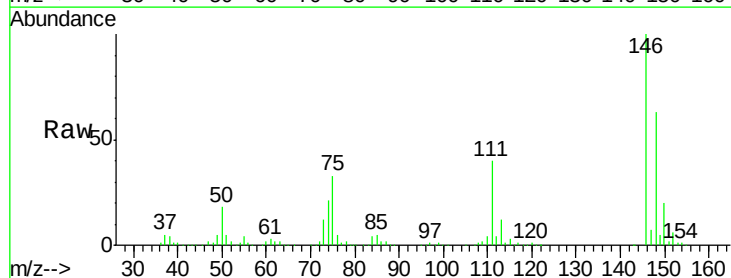
Tgt Ion:146 Resp: 109568

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.5

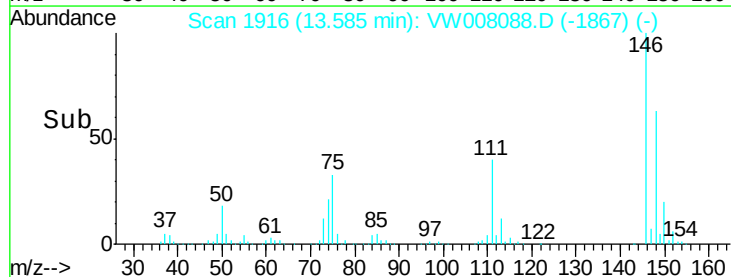
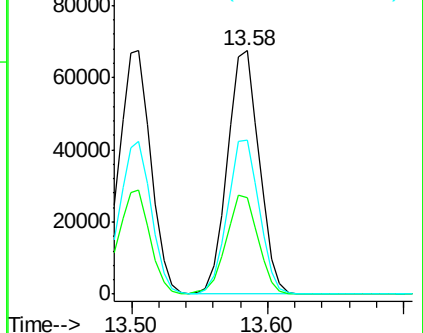
148 63.2 31.6 94.8

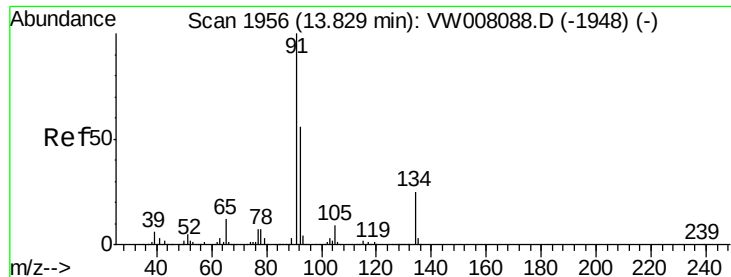


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.676 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008088.D

Acq: 08 Jan 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

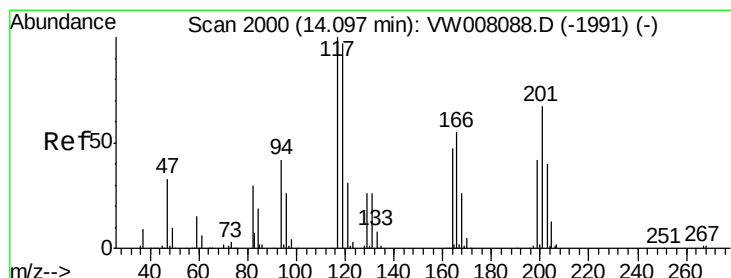
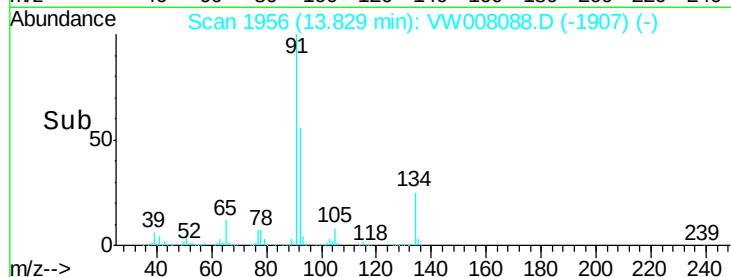
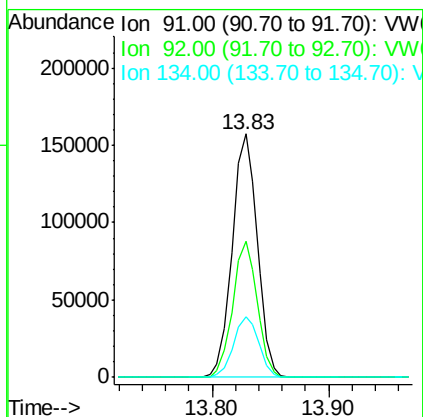
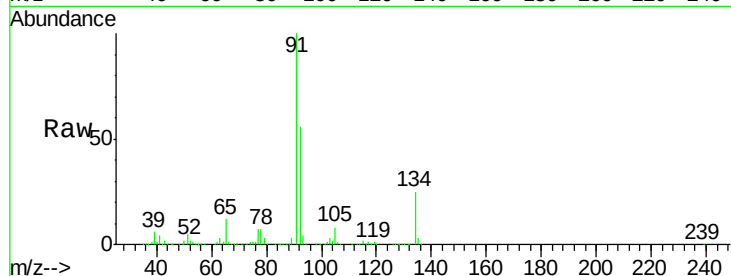
Tot Ion: 91 Resp: 235655

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 46.316 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008088.D

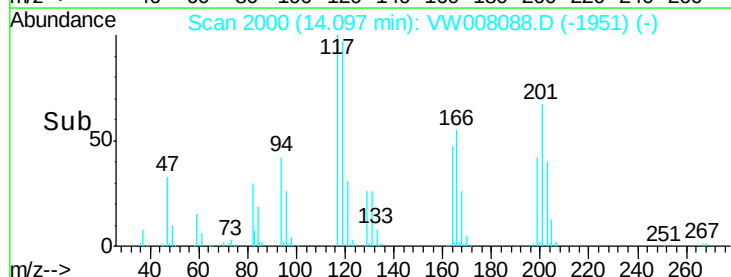
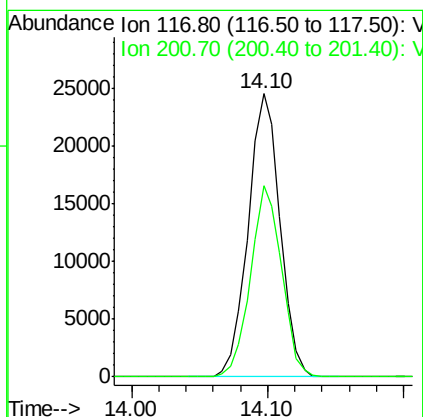
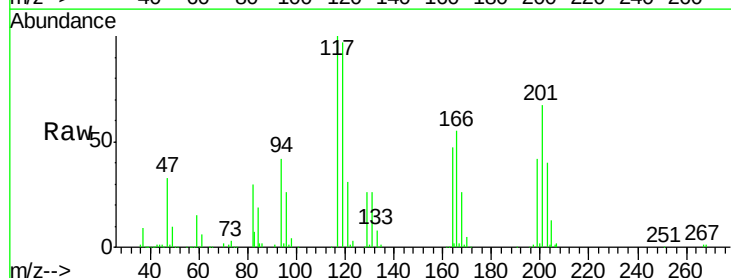
Acq: 08 Jan 2019 16:28

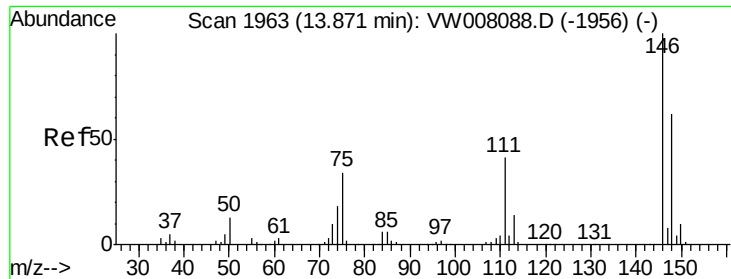
Tgt Ion: 117 Resp: 40318

Ion Ratio Lower Upper

117 100

201 65.9 33.0 98.9

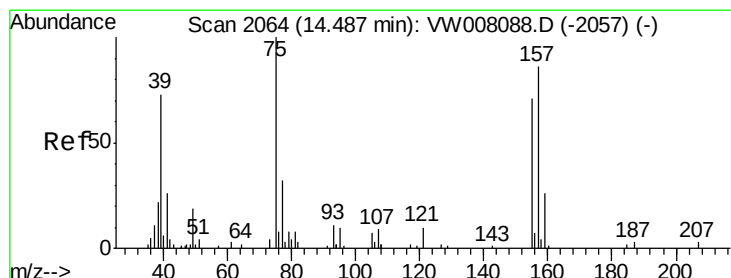
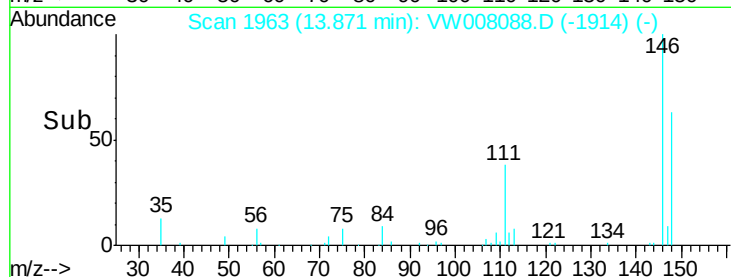
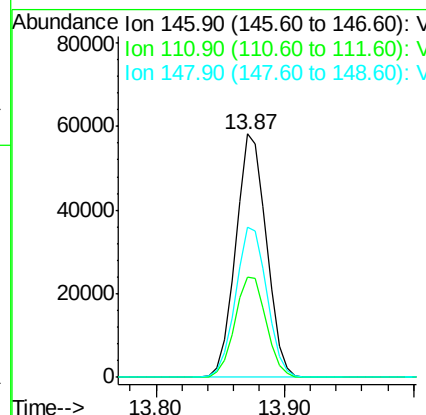
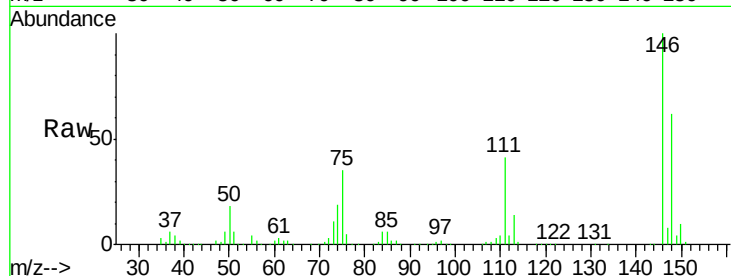




#91
 1,2-Dichlorobenzene
 Concen: 46.761 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

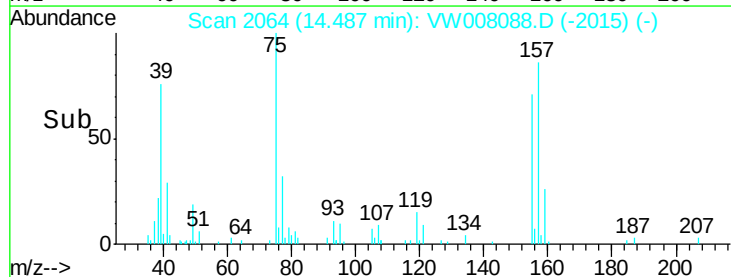
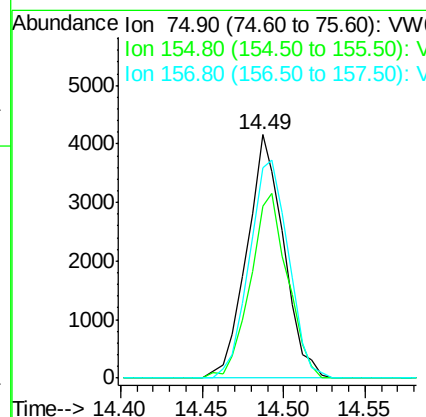
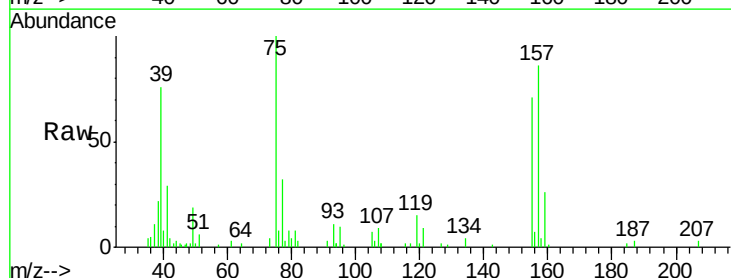
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

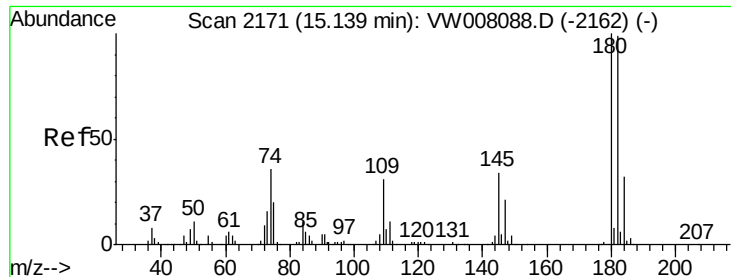
Tot Ion:146 Resp: 96082
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 63.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.779 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion: 75 Resp: 6538
 Ion Ratio Lower Upper
 75 100
 155 77.1 38.6 115.7
 157 95.1 47.5 142.6

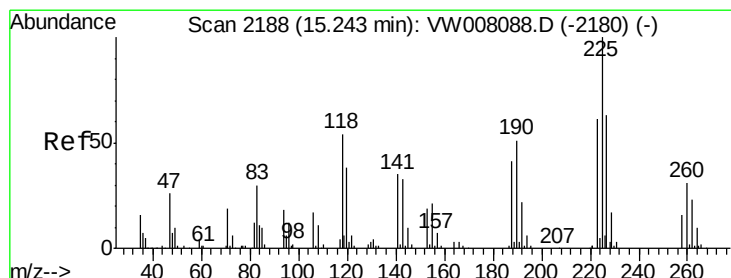
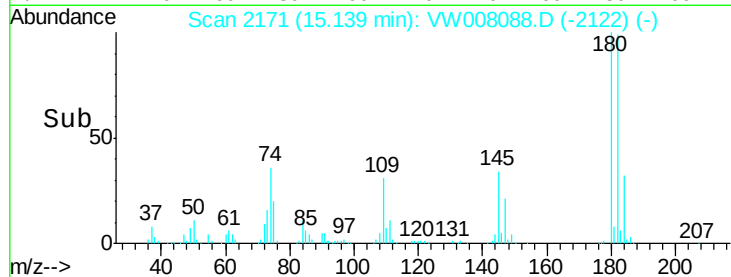
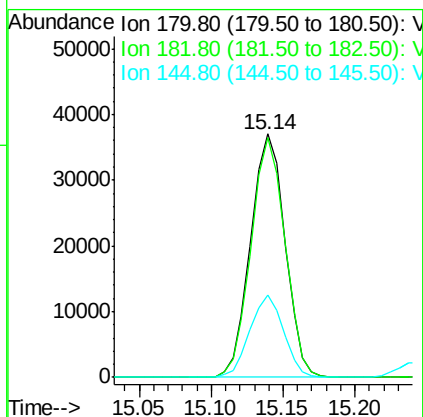
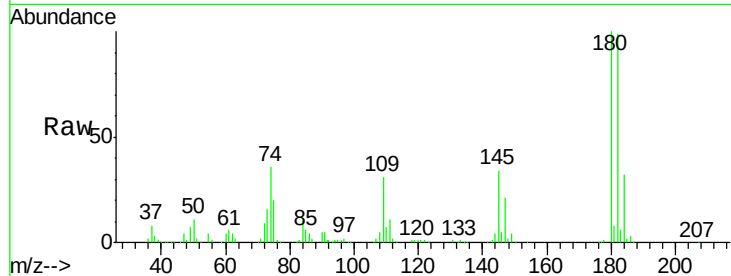




#93
 1,2,4-Trichlorobenzene
 Concen: 43.170 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

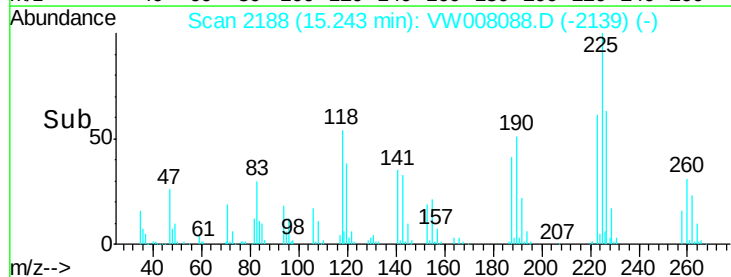
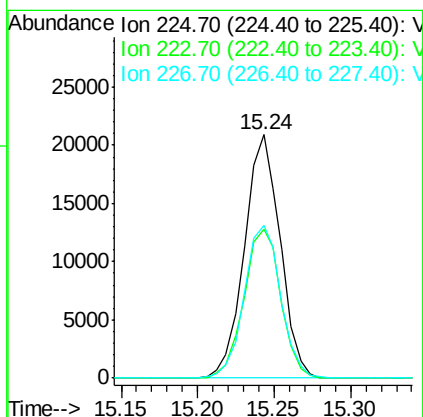
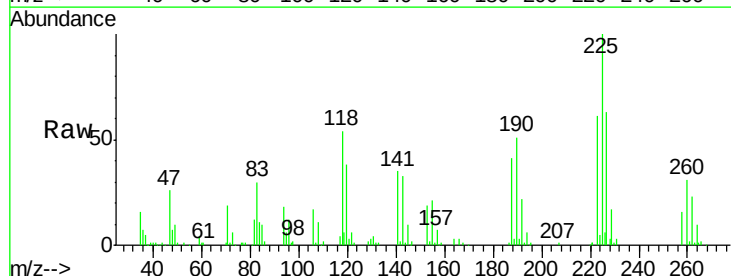
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

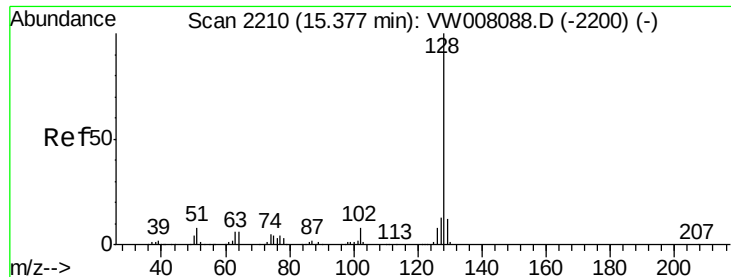
Tot Ion:180 Resp: 61202
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.6 145.9
 145 33.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 41.712 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008088.D
 Acq: 08 Jan 2019 16:28

Tgt Ion:225 Resp: 33895
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 64.1 32.0 96.2

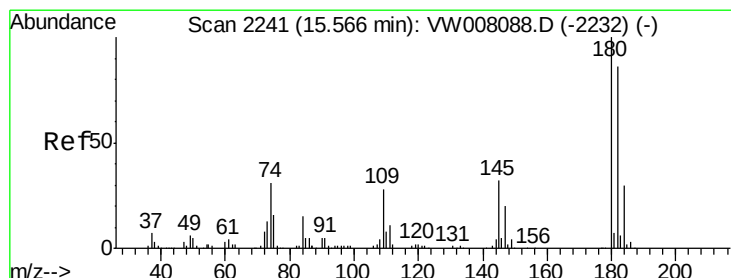
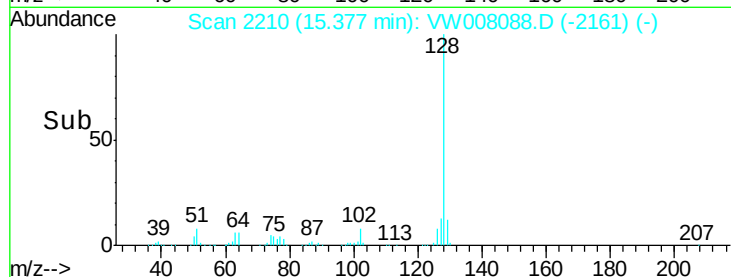
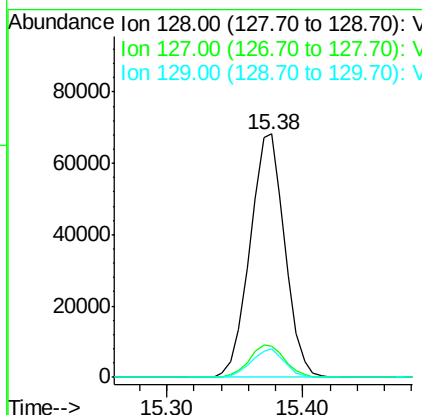
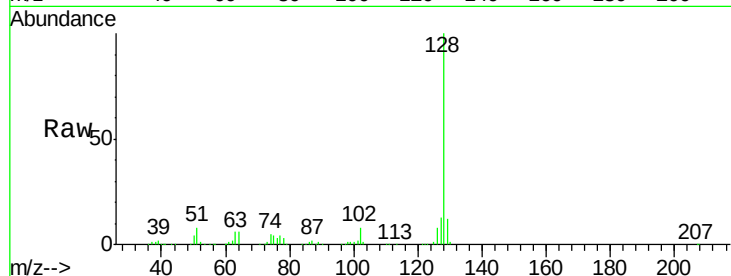




#95
Naphthalene
Concen: 49.591 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 121861
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.244 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008088.D
Acq: 08 Jan 2019 16:28

Tgt Ion:180 Resp: 54546
Ion Ratio Lower Upper
180 100
182 92.9 46.5 139.3
145 34.8 17.4 52.2

