

Data File : VW004759.D
Acq On : 18 Aug 2018 04:22
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Aug 18 06:30:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	633106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	978090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	921049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	489576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	319092	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.88	113	325480	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	1264570	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	458622	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	185092	44.136	ug/l	99
3) Chloromethane	2.22	50	274728	50.105	ug/l	98
4) Vinyl Chloride	2.37	62	415094	51.432	ug/l	100
5) Bromomethane	2.78	94	264517	53.068	ug/l	98
6) Chloroethane	2.93	64	259328	53.252	ug/l	99
7) Trichlorofluoromethane	3.26	101	195104	51.314	ug/l	97
8) Diethyl Ether	3.68	74	190630	55.453	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334811	51.138	ug/l	99
10) Methyl Iodide	4.26	142	547345	55.047	ug/l	99
11) Tert butyl alcohol	5.21	59	87502	255.883	ug/l	99
12) 1,1-Dichloroethene	4.03	96	338676	51.910	ug/l	98
13) Acrolein	3.89	56	122415	266.764	ug/l	100
14) Allyl chloride	4.66	41	534987	54.033	ug/l	99
15) Acrylonitrile	5.37	53	393714	273.094	ug/l	100
16) Acetone	4.14	43	340991	218.233	ug/l	97
17) Carbon Disulfide	4.37	76	1127953	52.607	ug/l	99
18) Methyl Acetate	4.68	43	182795	54.592	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	486053	57.390	ug/l	96
20) Methylene Chloride	4.91	84	408729	57.981	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	378889	54.581	ug/l	99
22) Diisopropyl ether	6.31	45	1132019	59.484	ug/l	99
23) Vinyl Acetate	6.26	43	3066463	284.876	ug/l	100
24) 1,1-Dichloroethane	6.21	63	682846	55.216	ug/l	99
25) 2-Butanone	7.18	43	574494	258.052	ug/l	99
26) 2,2-Dichloropropane	7.17	77	337322	47.225	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	416295	55.705	ug/l	100
28) Bromochloromethane	7.51	49	278976	53.569	ug/l	99
29) Tetrahydrofuran	7.54	42	313204	275.894	ug/l	99
30) Chloroform	7.68	83	671733	55.229	ug/l	98
31) Cyclohexane	7.96	56	606379	50.693	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	517064	53.630	ug/l	100
36) 1,1-Dichloropropene	8.09	75	527652	52.367	ug/l	99
37) Ethyl Acetate	7.26	43	213769	53.221	ug/l	99
38) Carbon Tetrachloride	8.07	117	476098	51.331	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	649801	51.568	ug/l	99
40) Benzene	8.32	78	1568059	53.549	ug/l	99
41) Methacrylonitrile	7.49	41	135560	59.469	ug/l	97
42) 1,2-Dichloroethane	8.40	62	405366	53.984	ug/l	100
43) Isopropyl Acetate	8.43	43	395434	54.809	ug/l	99
44) Trichloroethene	9.10	130	391192	52.627	ug/l	98
45) 1,2-Dichloropropane	9.37	63	390096	54.461	ug/l	100
46) Dibromomethane	9.46	93	190878	53.790	ug/l	99
47) Bromodichloromethane	9.65	83	461393	54.443	ug/l	100
48) Methyl methacrylate	9.44	41	188386	55.647	ug/l	99
49) 1,4-Dioxane	9.48	88	56275	1085.456	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1339635	274.738	ug/l	99
52) Toluene	10.39	92	953455	54.290	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	449569	52.652	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	543339	53.378	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	272034	53.930	ug/l	99
56) Ethyl methacrylate	10.65	69	338696	51.314	ug/l	100
57) 1,3-Dichloropropane	10.93	76	472535	54.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	787294	282.618	ug/l	99
59) 2-Hexanone	10.98	43	888967	269.070	ug/l	99
60) Dibromochloromethane	11.13	129	306743	54.202	ug/l	100
61) 1,2-Dibromoethane	11.24	107	257452	53.395	ug/l	99
64) Tetrachloroethene	10.87	164	349299	55.492	ug/l	99
65) Chlorobenzene	11.66	112	1042956	52.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	361492	54.006	ug/l	99
67) Ethyl Benzene	11.74	91	1822562	54.232	ug/l	100
68) m/p-Xylenes	11.85	106	1417041	108.378	ug/l	99
69) o-Xylene	12.17	106	670504	55.395	ug/l	99
70) Styrene	12.19	104	1140709	56.103	ug/l	100
71) Bromoform	12.35	173	185611	52.537	ug/l #	98
73) Isopropylbenzene	12.47	105	1828410	54.896	ug/l	99
74) N-amyl acetate	12.28	43	384376	49.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	324167	52.540	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	410001	95.002	ug/l #	100
77) Bromobenzene	12.75	156	428983	53.212	ug/l	100
78) n-propylbenzene	12.81	91	2210995	54.400	ug/l	100
79) 2-Chlorotoluene	12.90	91	1274085	54.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1569440	55.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90718	48.857	ug/l	99
82) 4-Chlorotoluene	12.99	91	1340636	53.860	ug/l	100
83) tert-Butylbenzene	13.21	119	1327513	54.851	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1612962	55.406	ug/l	100
85) sec-Butylbenzene	13.39	105	1947213	53.888	ug/l	100
86) p-Isopropyltoluene	13.51	119	1710590	54.407	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	869189	53.005	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	853986	52.099	ug/l	99
89) n-Butylbenzene	13.83	91	1604631	52.787	ug/l	100
90) Hexachloroethane	14.10	117	305775	53.356	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	782256	53.111	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50602	52.477	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
Quantitation Report (Not Reviewed)

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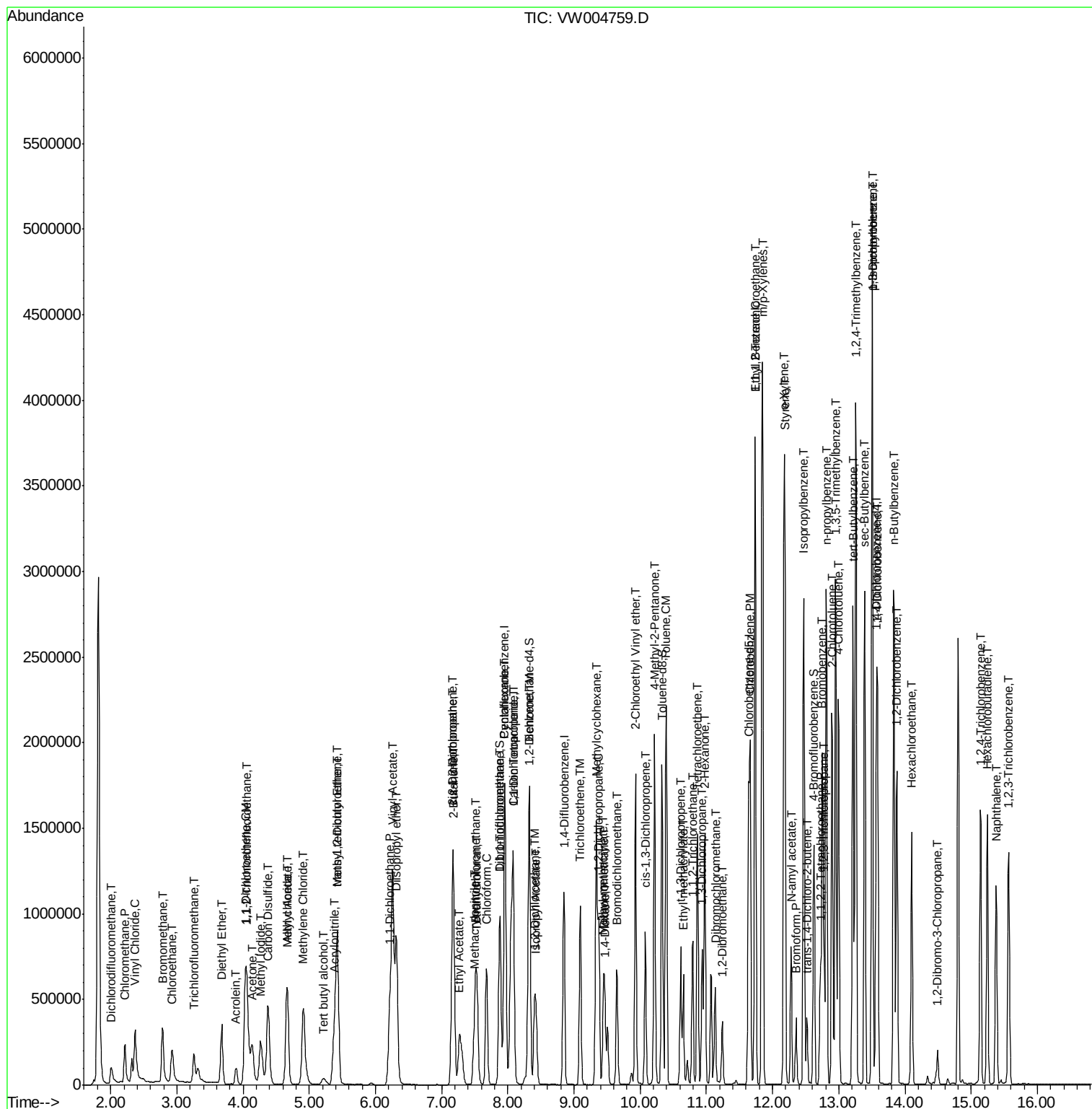
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	547375	52.544	ug/l	99
94) Hexachlorobutadiene	15.24	225	320323	50.096	ug/l	99
95) Naphthalene	15.38	128	1000389	49.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	494102	53.486	ug/l	100

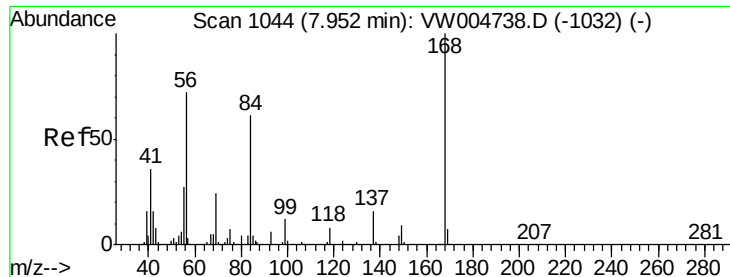
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

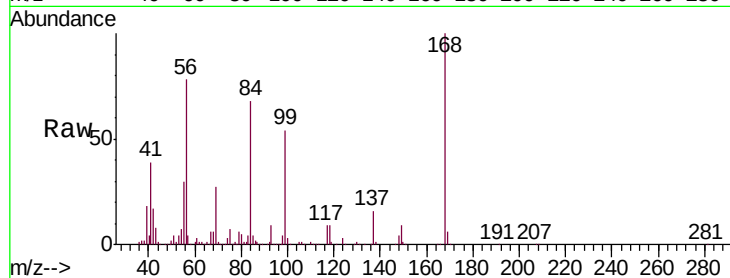
VSTDCCC050

Tgt Ion:168 Resp: 633106

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

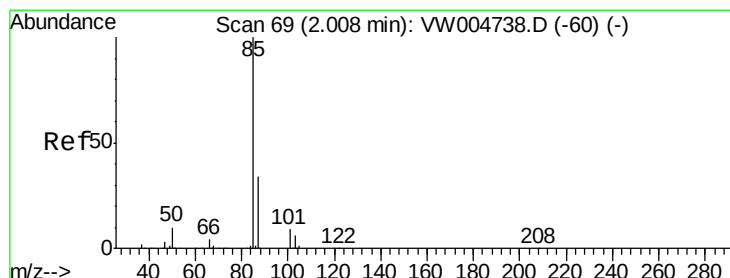
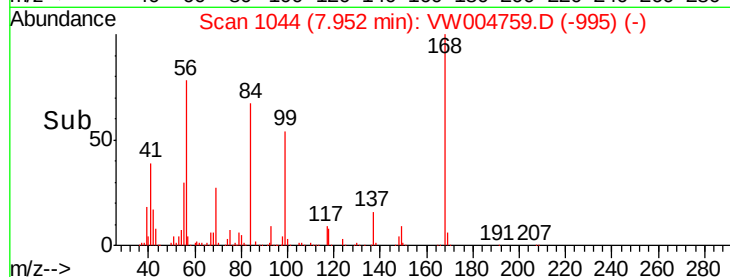
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.136 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004759.D

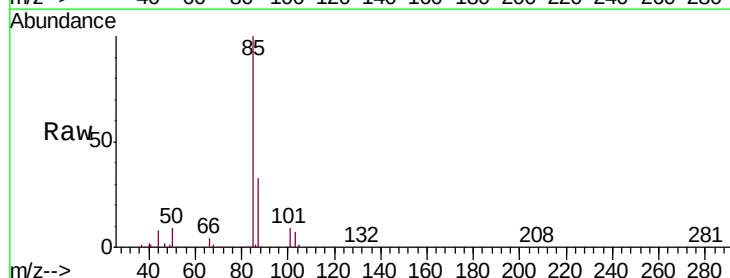
Acq: 18 Aug 2018 04:22

Tgt Ion: 85 Resp: 185092

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

30000

20000

10000

0

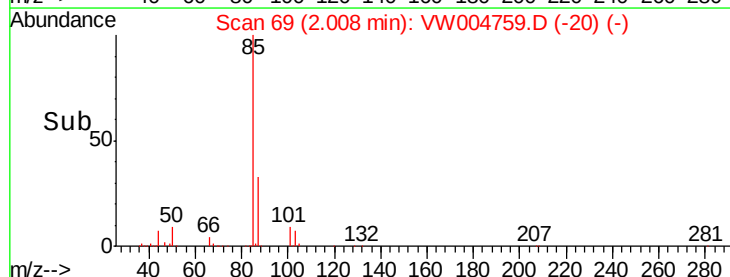
1.90

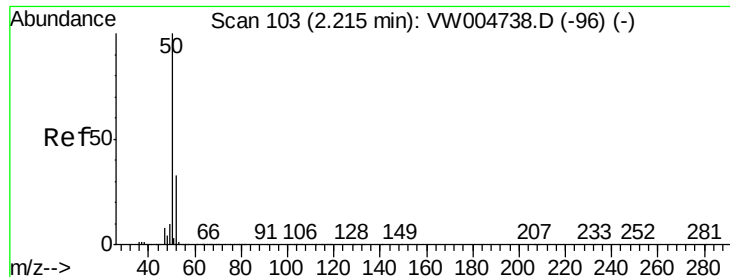
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 50.105 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

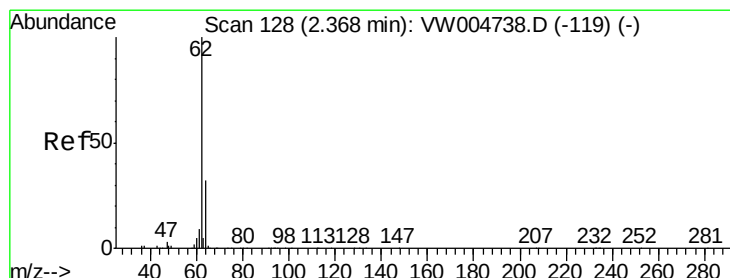
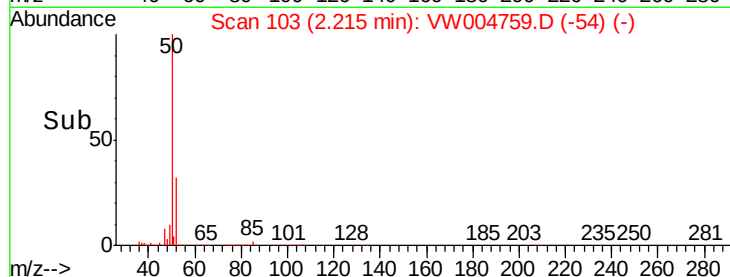
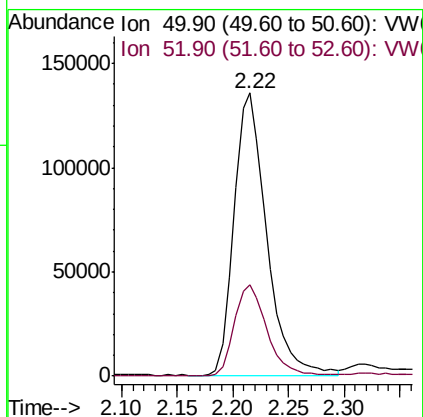
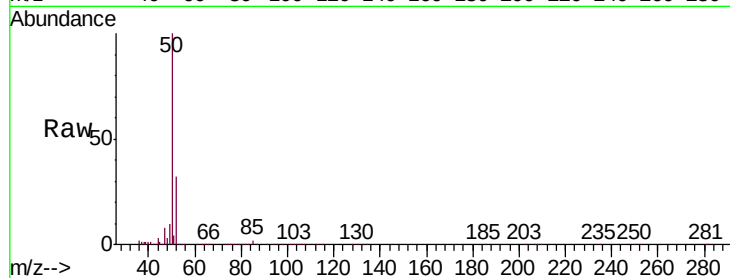
VSTDCCC050

Tgt Ion: 50 Resp: 274728

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 51.432 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004759.D

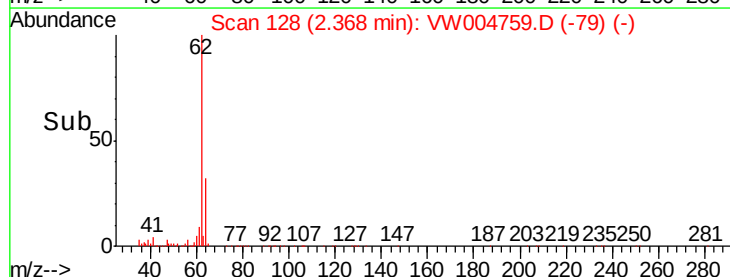
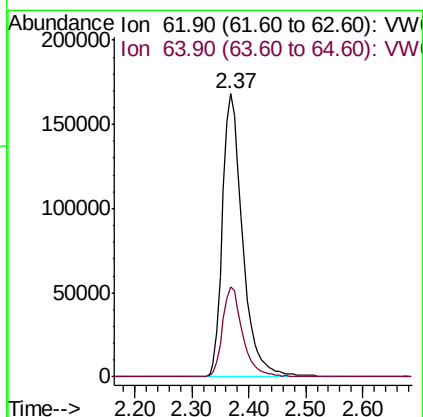
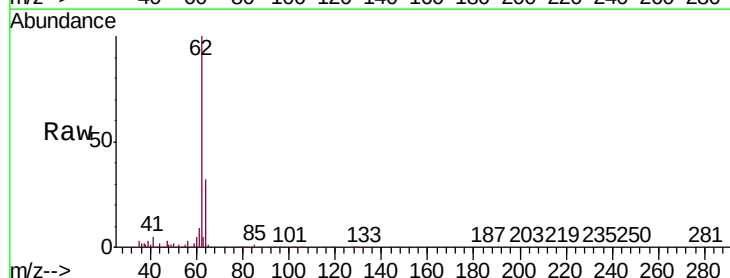
Acq: 18 Aug 2018 04:22

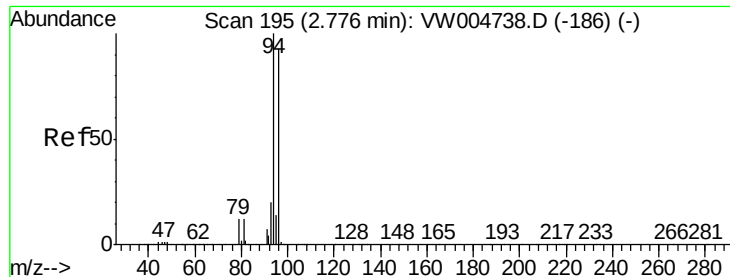
Tgt Ion: 62 Resp: 415094

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 53.068 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

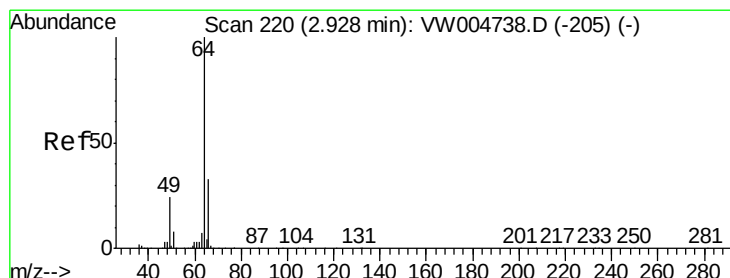
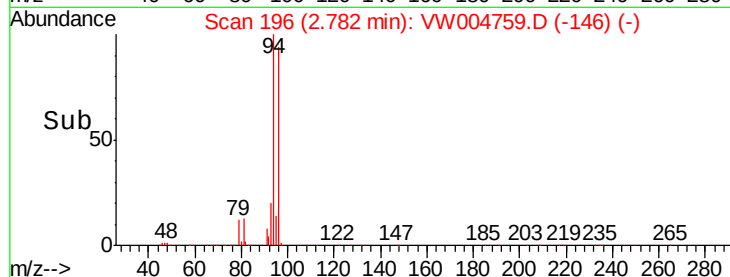
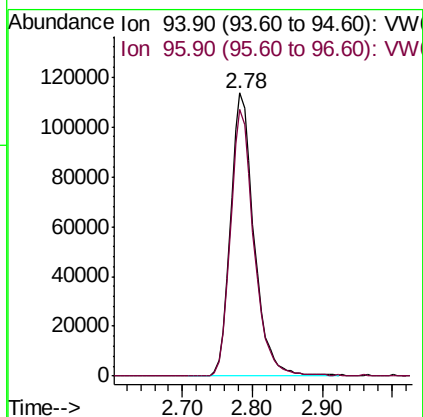
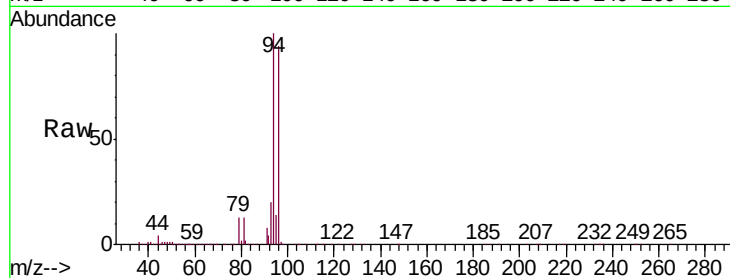
VSTDCCC050

Tgt Ion: 94 Resp: 264517

Ion Ratio Lower Upper

94 100

96 94.3 74.3 111.5



#6

Chloroethane

Concen: 53.252 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004759.D

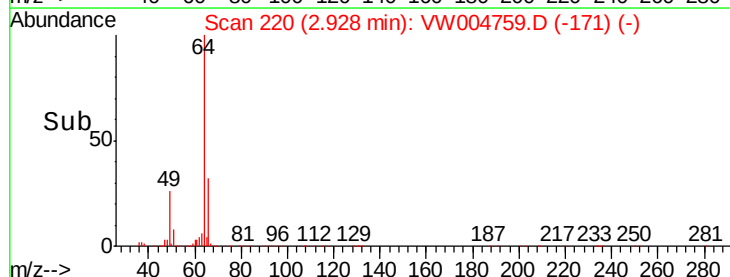
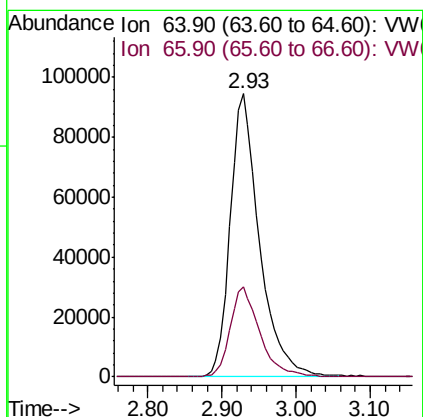
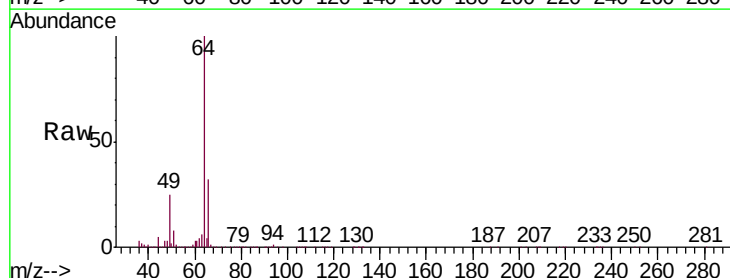
Acq: 18 Aug 2018 04:22

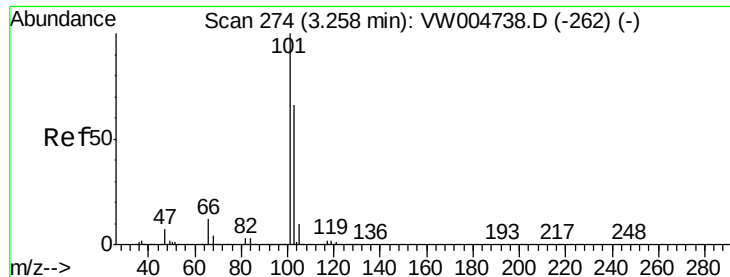
Tgt Ion: 64 Resp: 259328

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1



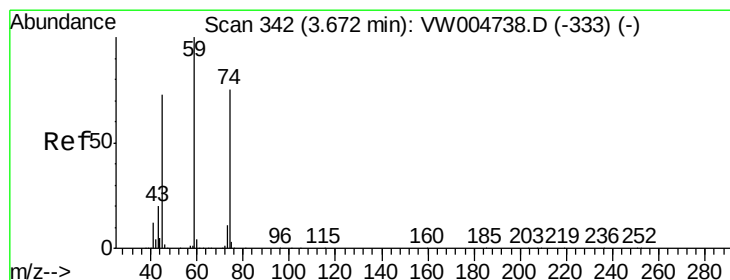
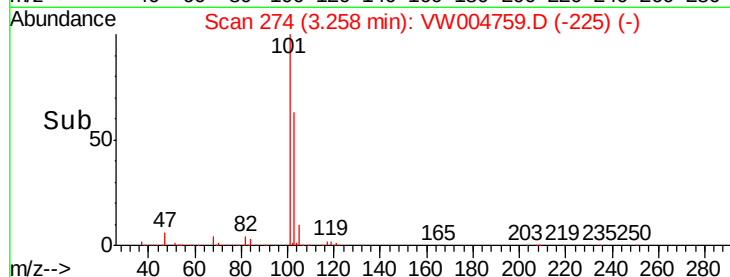
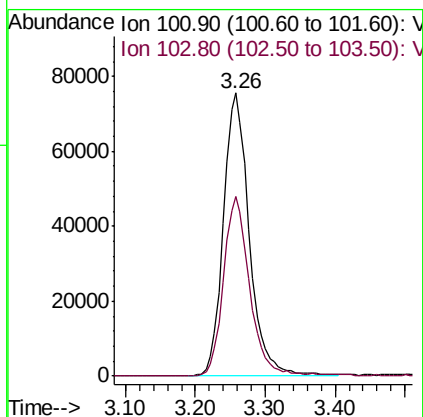
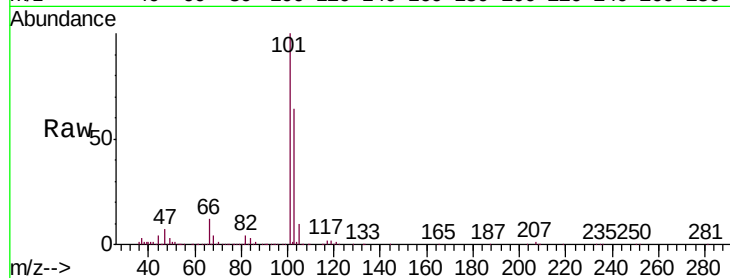


#7

Trichlorofluoromethane
Concen: 51.314 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.00 min
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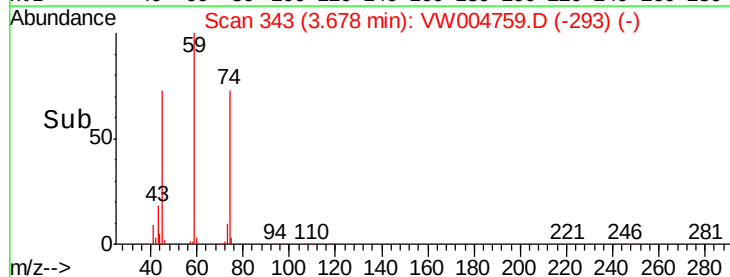
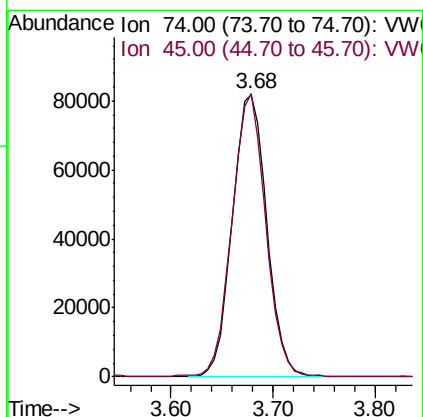
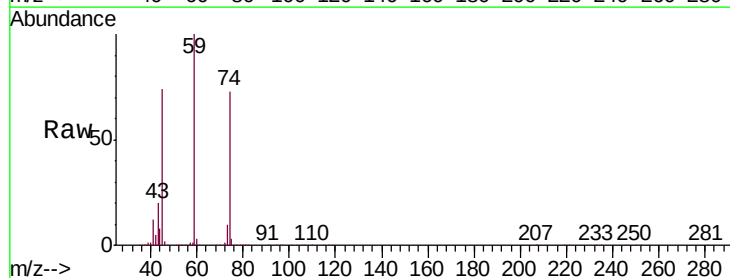
Tgt Ion:101 Resp: 195104
Ion Ratio Lower Upper
101 100
103 63.5 52.5 78.7

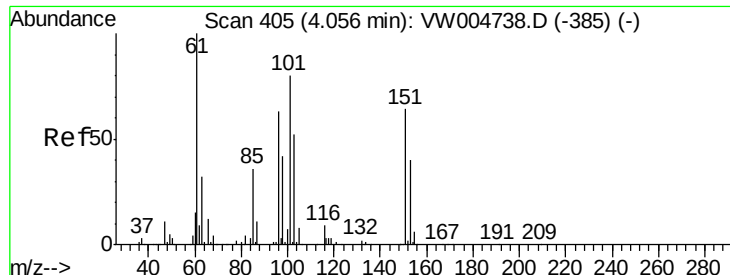


#8

Diethyl Ether
Concen: 55.453 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 74 Resp: 190630
Ion Ratio Lower Upper
74 100
45 97.6 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.138 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004759.D

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Instrument :

MSVOA_W

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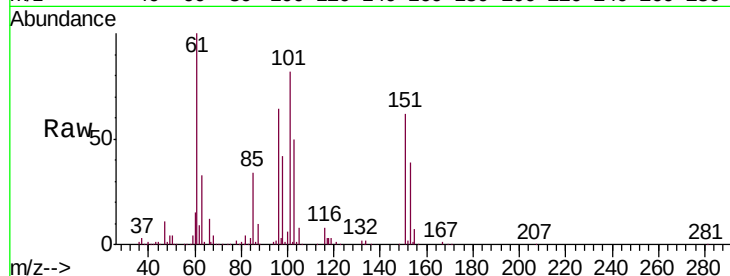
Tgt Ion:101 Resp: 334811

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

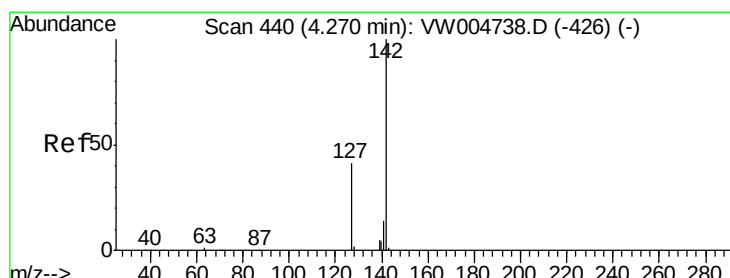
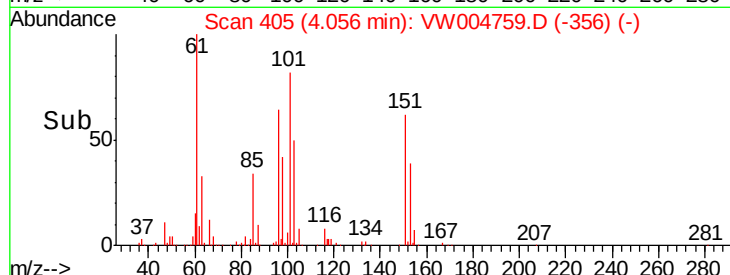
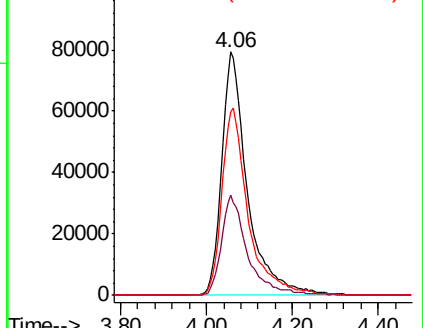
151 78.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.047 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

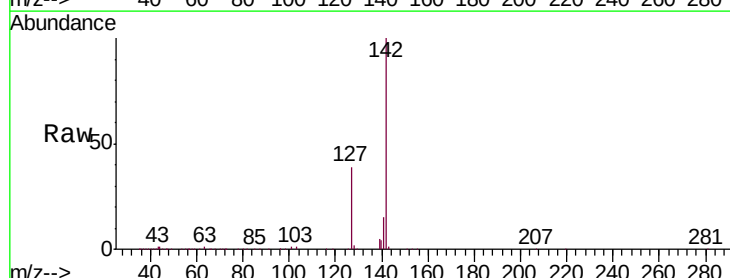
Tgt Ion:142 Resp: 547345

Ion Ratio Lower Upper

142 100

127 39.9 32.1 48.1

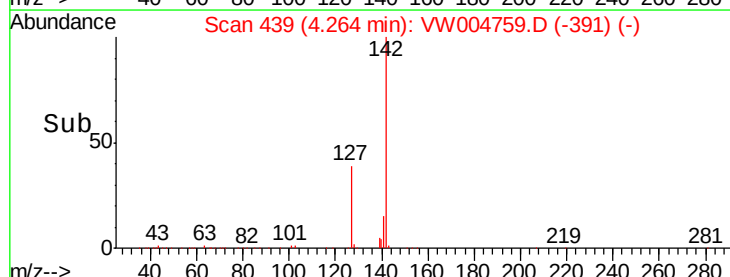
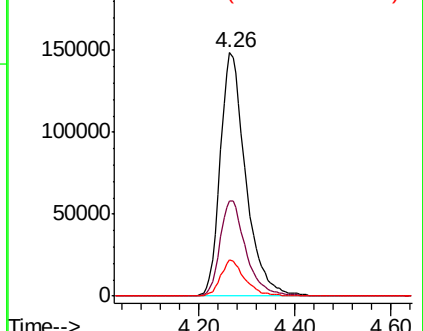
141 14.1 11.7 17.5

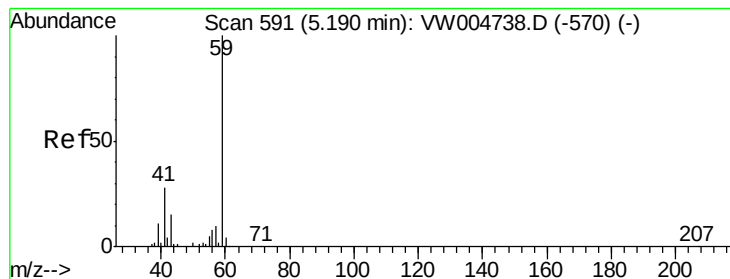


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



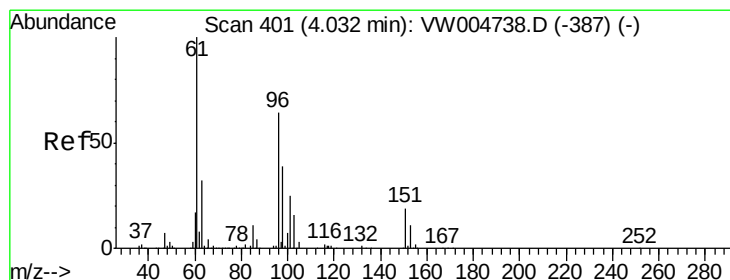
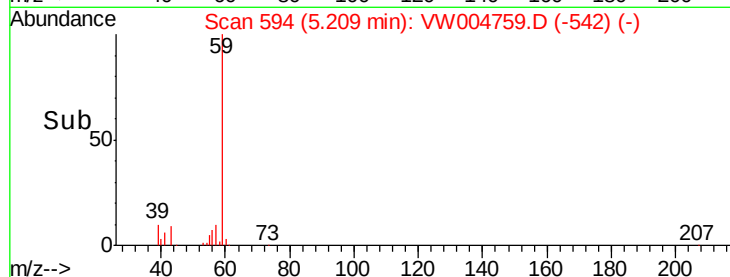
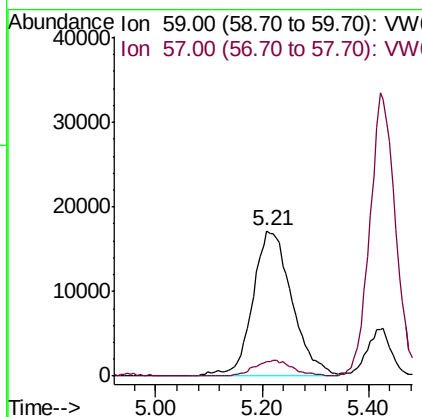
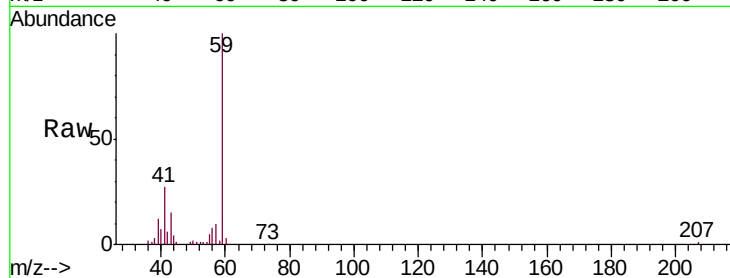


#11

Tert butyl alcohol
 Concen: 255.883 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

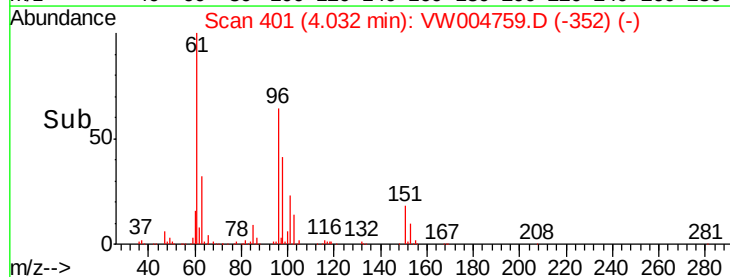
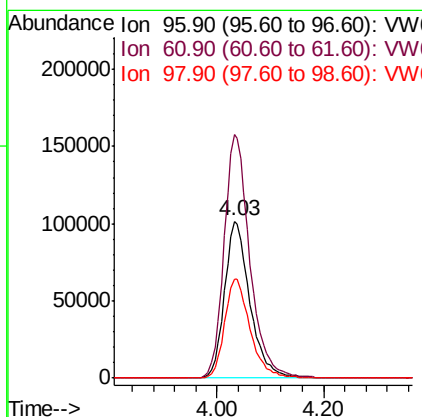
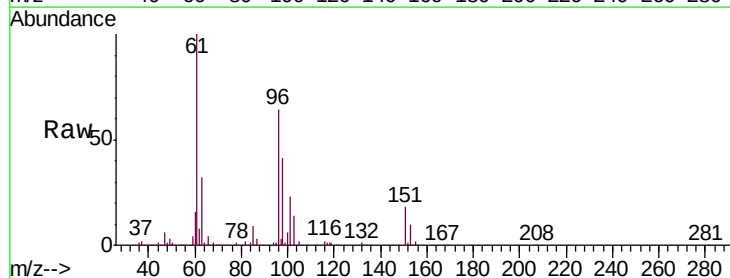
Tgt Ion: 59 Resp: 87502
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

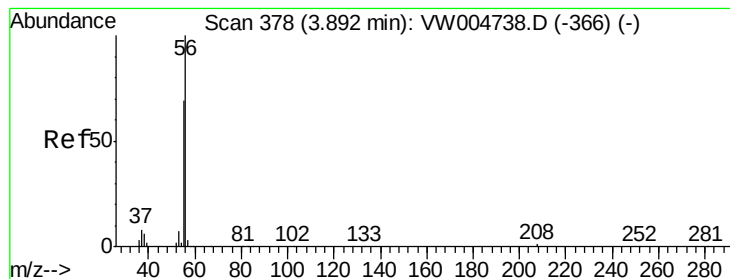


#12

1,1-Dichloroethene
 Concen: 51.910 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 96 Resp: 338676
 Ion Ratio Lower Upper
 96 100
 61 155.2 125.6 188.4
 98 63.2 49.4 74.0





#13

Acrolein

Concen: 266.764 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

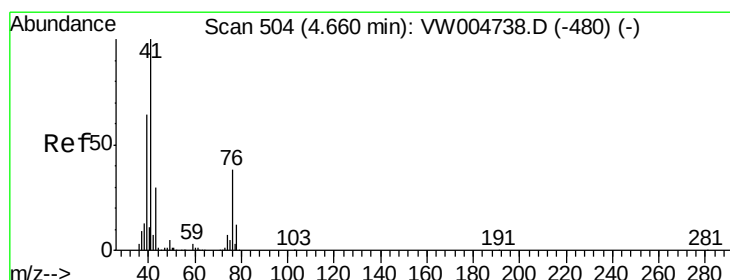
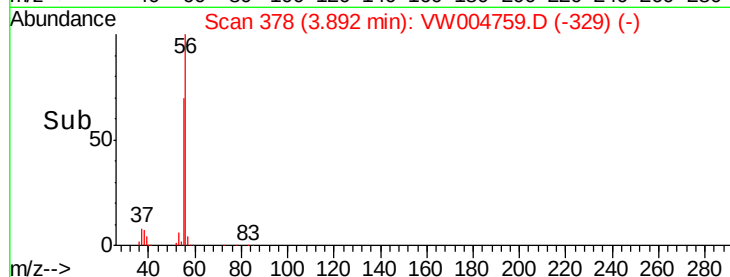
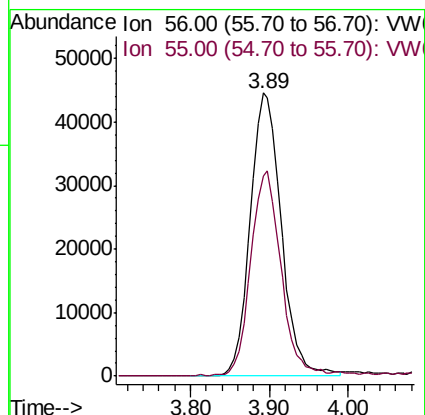
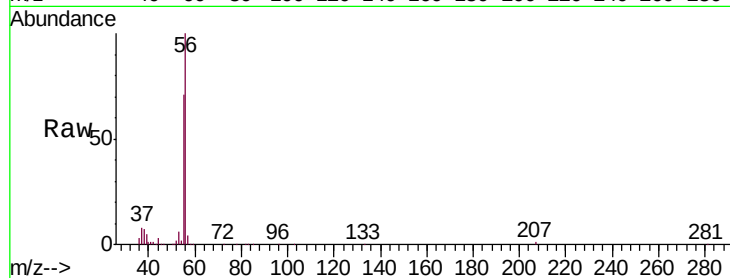
VSTDCCC050

Tgt Ion: 56 Resp: 122415

Ion Ratio Lower Upper

56 100

55 70.5 56.1 84.1



#14

Allyl chloride

Concen: 54.033 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

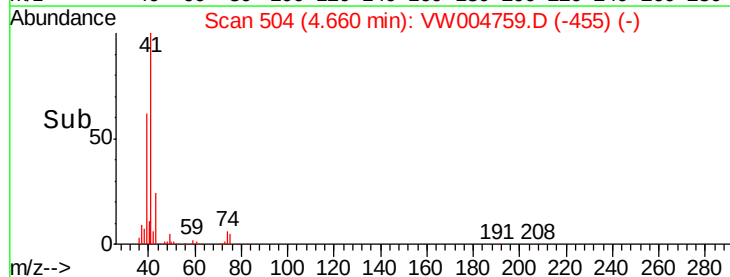
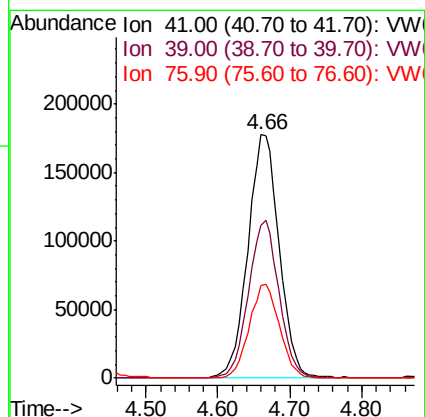
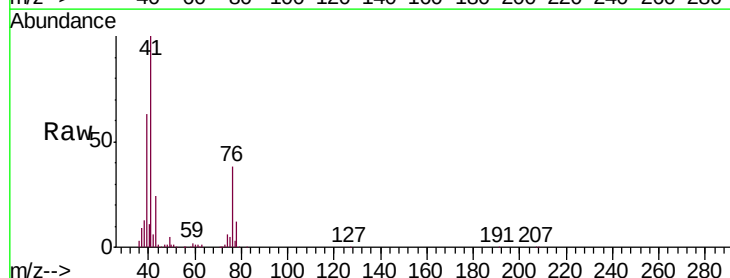
Tgt Ion: 41 Resp: 534987

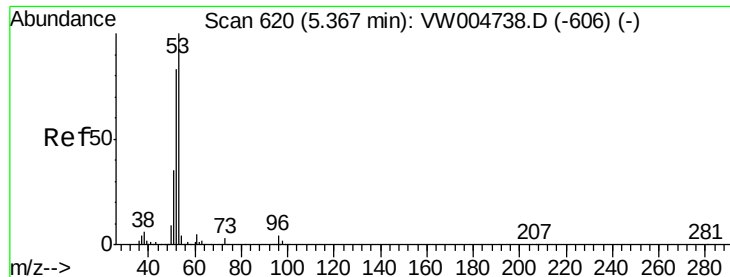
Ion Ratio Lower Upper

41 100

39 63.2 50.0 75.0

76 37.4 29.8 44.6





#15

Acrylonitrile

Concen: 273.094 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

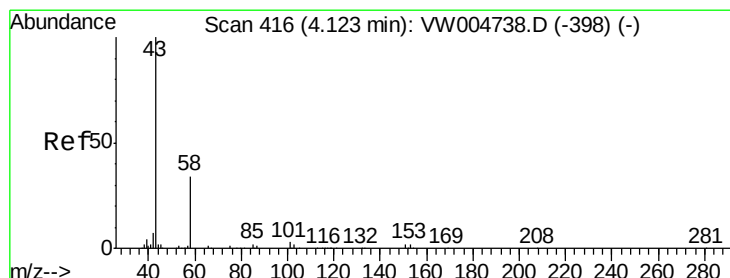
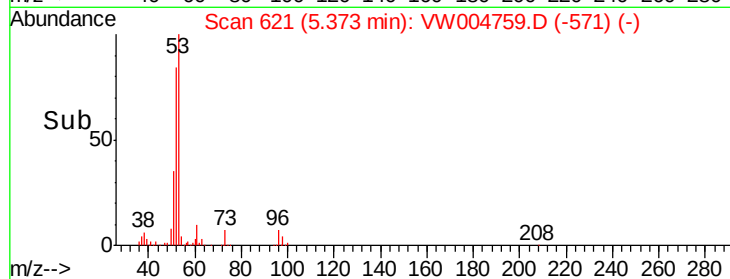
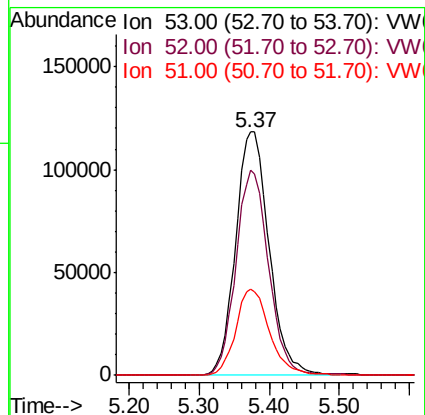
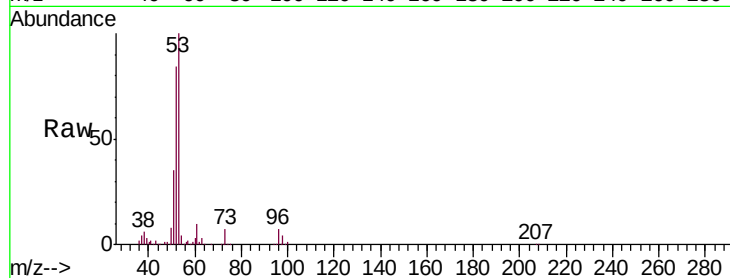
Tgt Ion: 53 Resp: 393714

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

51 35.9 28.7 43.1



#16

Acetone

Concen: 218.233 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004759.D

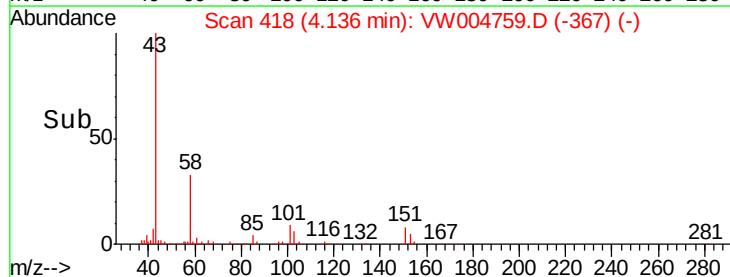
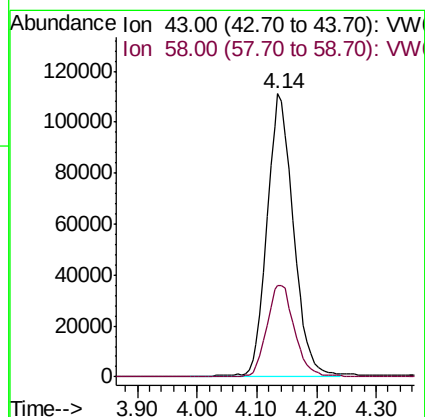
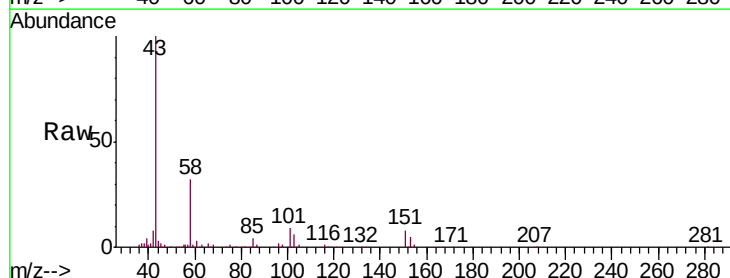
Acq: 18 Aug 2018 04:22

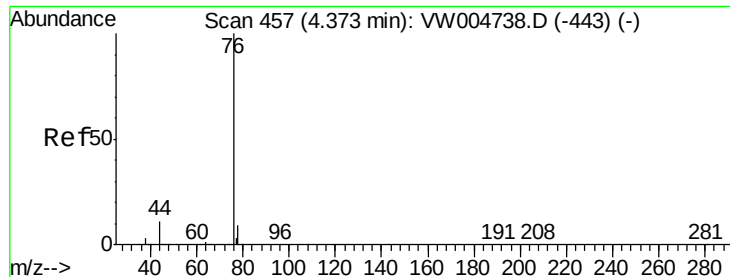
Tgt Ion: 43 Resp: 340991

Ion Ratio Lower Upper

43 100

58 32.2 27.3 40.9





#17

Carbon Disulfide

Concen: 52.607 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

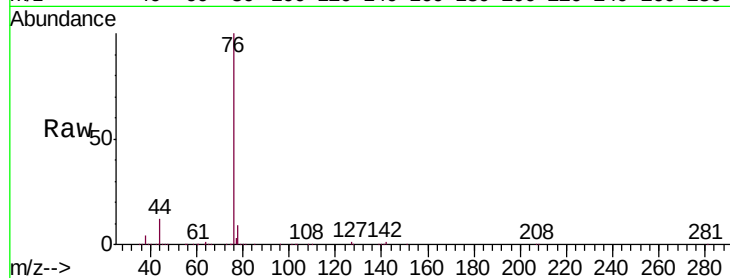
VSTDCCC050

Tgt Ion: 76 Resp: 1127953

Ion Ratio Lower Upper

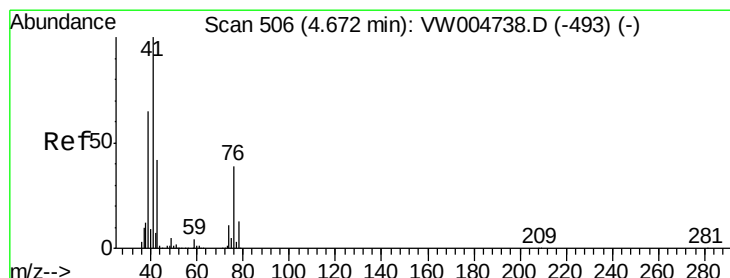
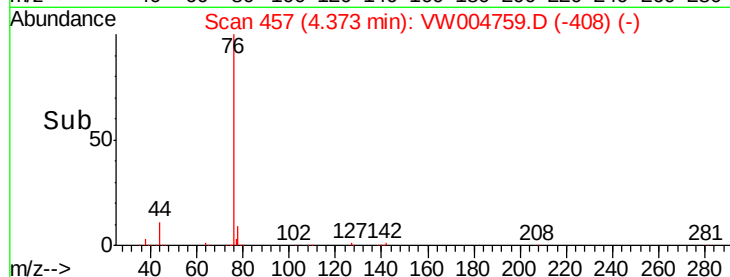
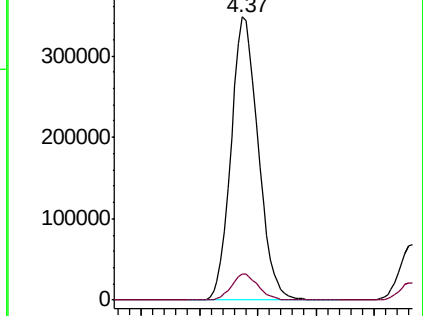
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 54.592 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004759.D

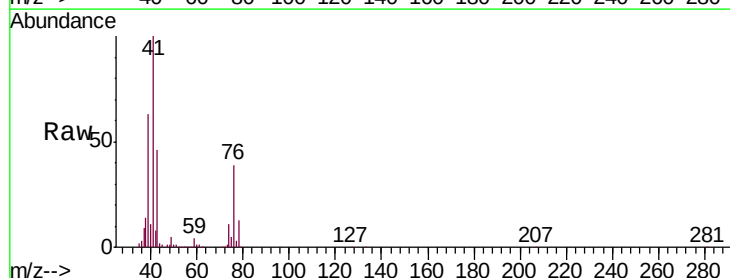
Acq: 18 Aug 2018 04:22

Tgt Ion: 43 Resp: 182795

Ion Ratio Lower Upper

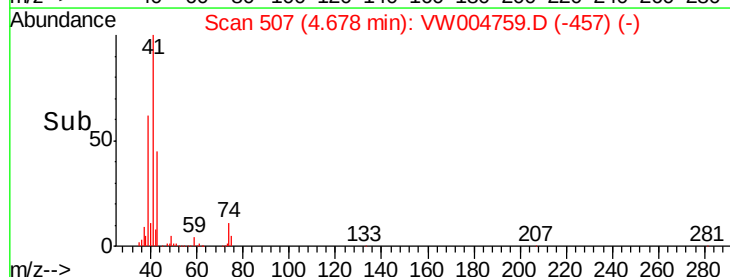
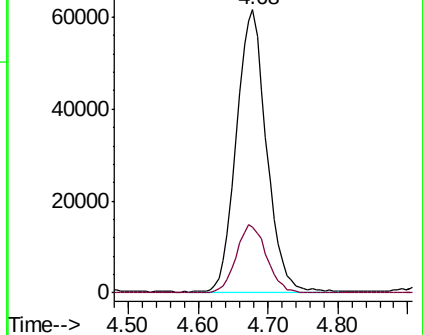
43 100

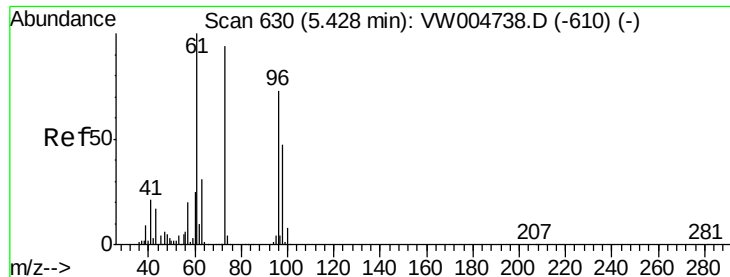
74 24.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

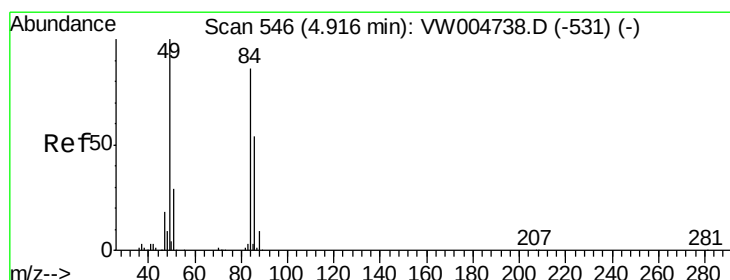
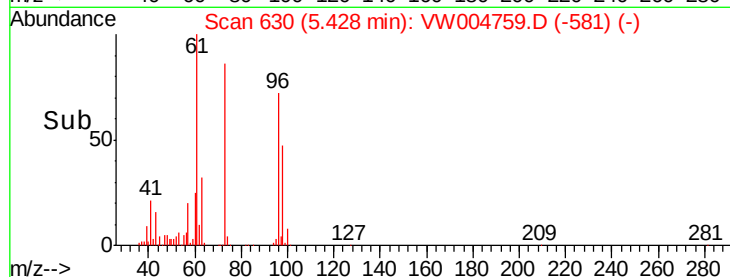
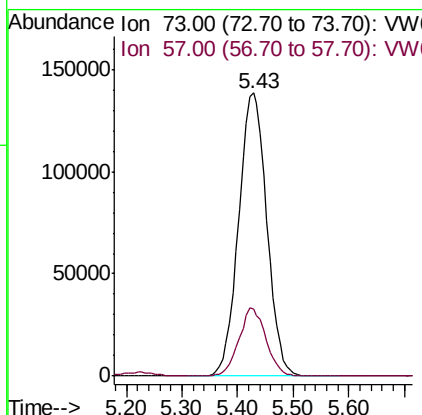
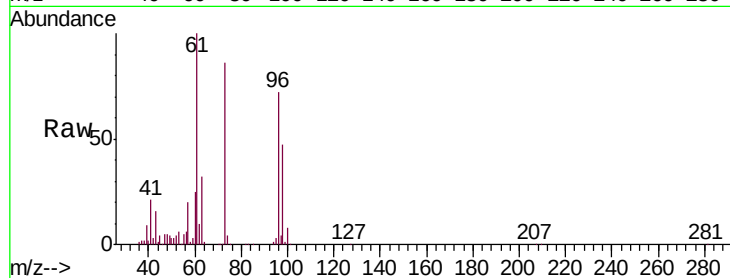




#19
Methyl tert-butyl Ether
Concen: 57.390 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

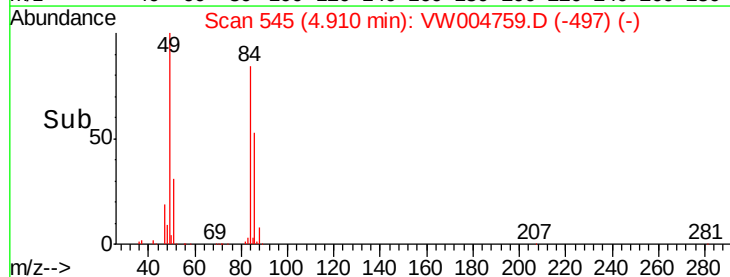
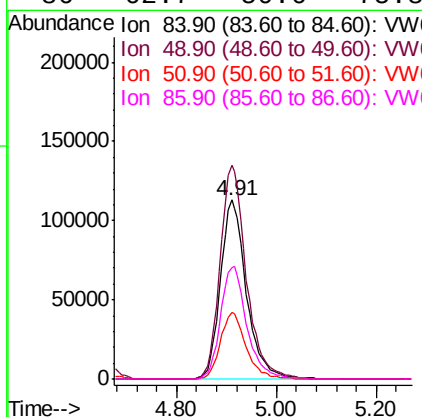
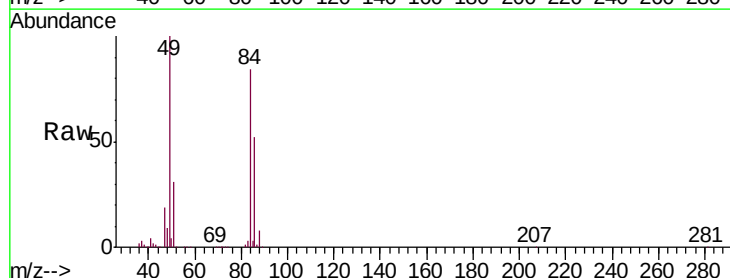
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

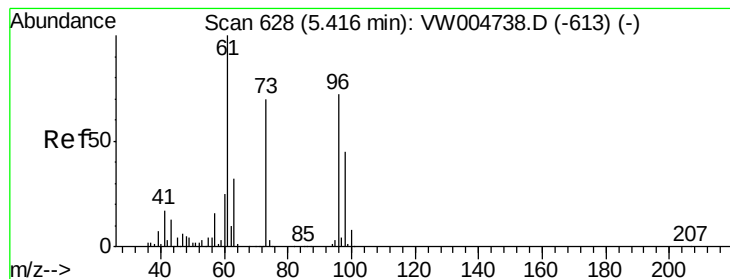
Tgt Ion: 73 Resp: 486053
Ion Ratio Lower Upper
73 100
57 23.7 17.3 25.9



#20
Methylene Chloride
Concen: 57.981 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 84 Resp: 408729
Ion Ratio Lower Upper
84 100
49 119.5 93.2 139.8
51 37.2 27.4 41.0
86 62.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 54.581 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

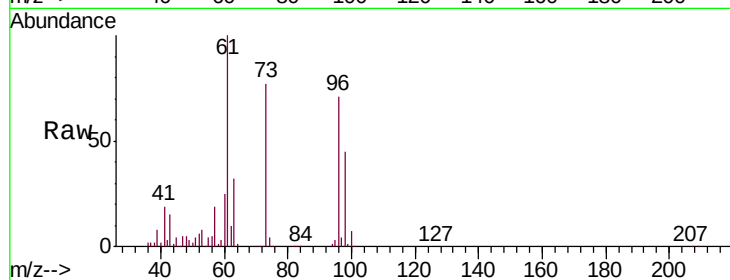
Tgt Ion: 96 Resp: 378889

Ion Ratio Lower Upper

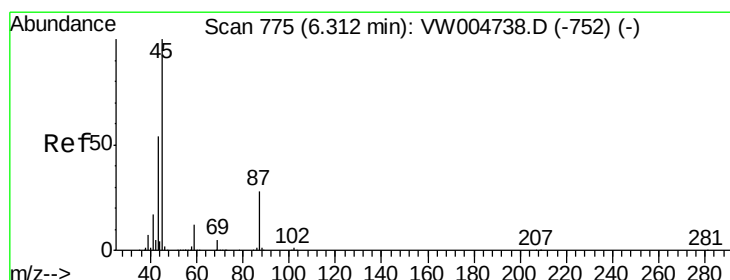
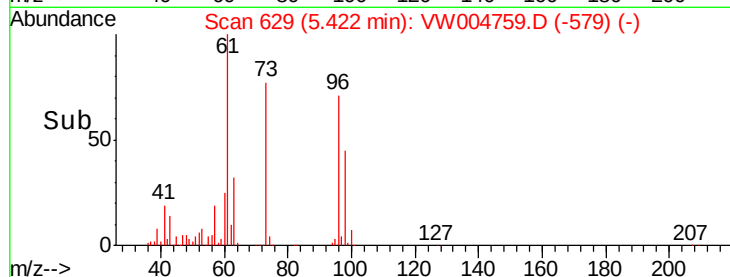
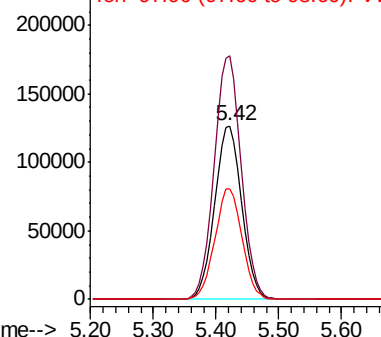
96 100

61 140.4 111.4 167.0

98 63.8 49.7 74.5



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



#22

Diisopropyl ether

Concen: 59.484 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion: 45 Resp: 1132019

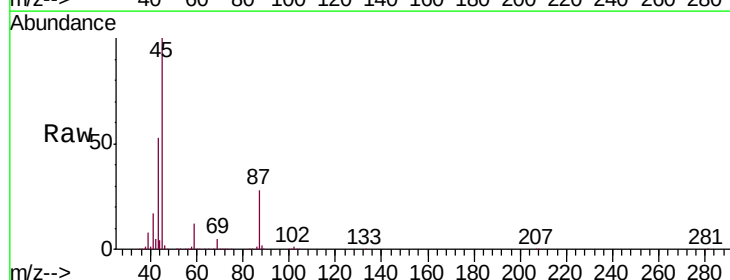
Ion Ratio Lower Upper

45 100

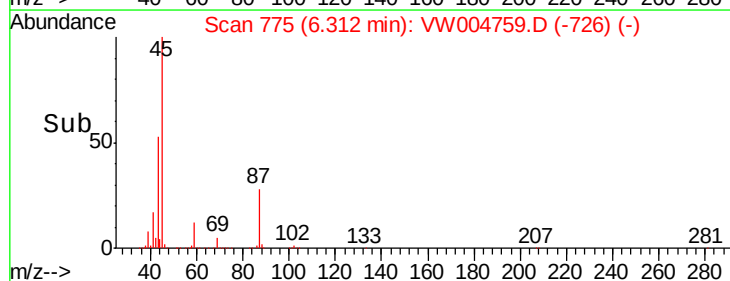
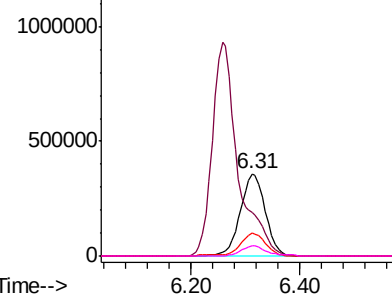
43 52.5 43.0 64.6

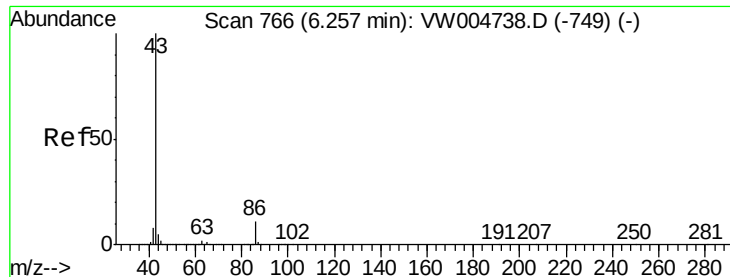
87 27.7 22.2 33.4

59 11.9 9.8 14.6



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





#23

Vinyl Acetate

Concen: 284.876 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

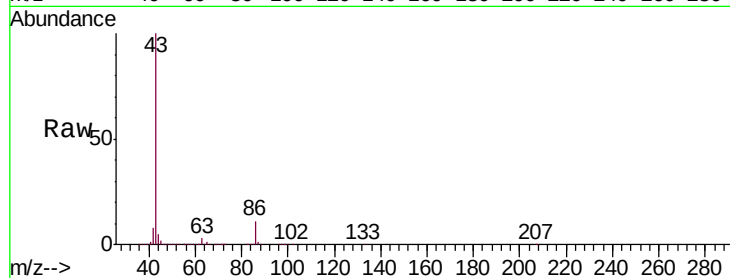
VSTDCCC050

Tgt Ion: 43 Resp: 3066463

Ion Ratio Lower Upper

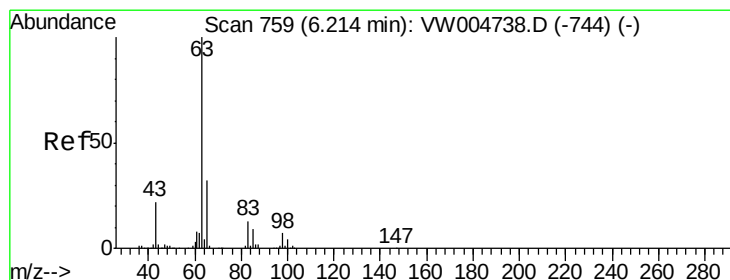
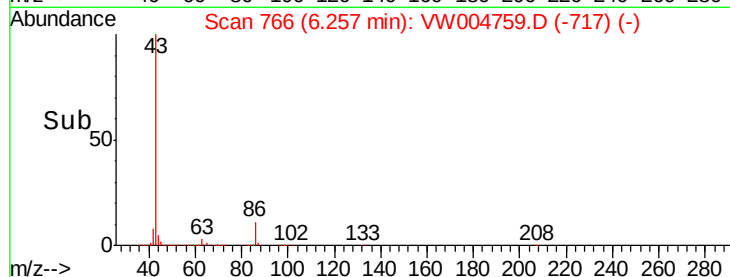
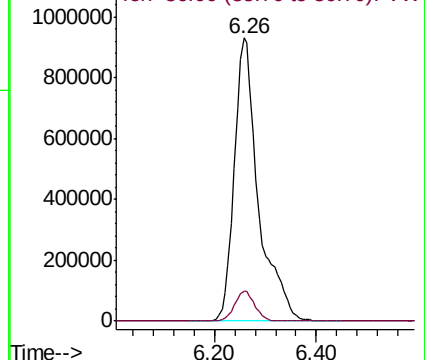
43 100

86 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.216 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

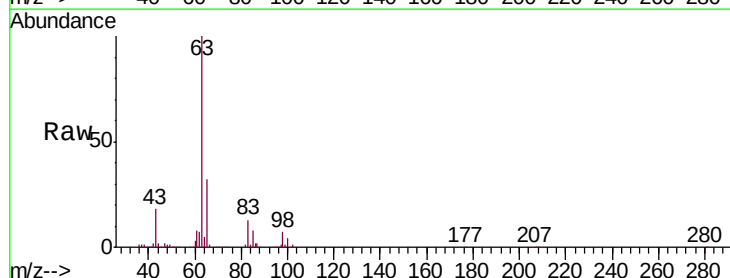
Tgt Ion: 63 Resp: 682846

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

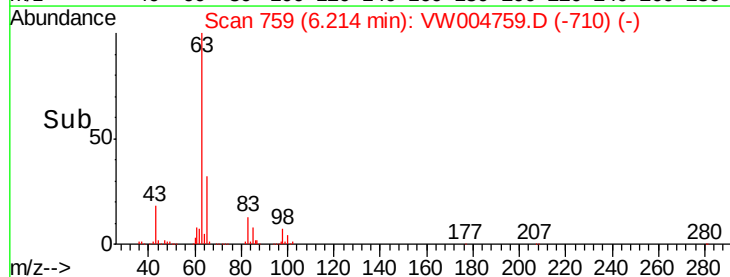
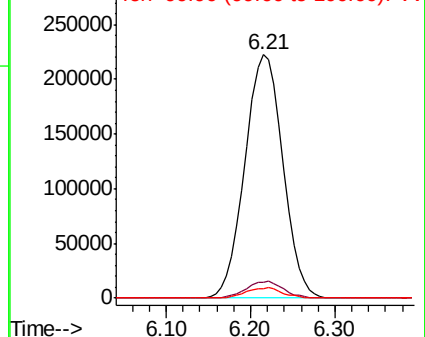
100 4.1 2.1 6.3

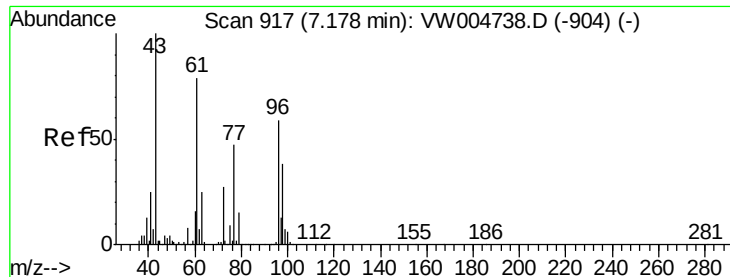


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 258.052 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

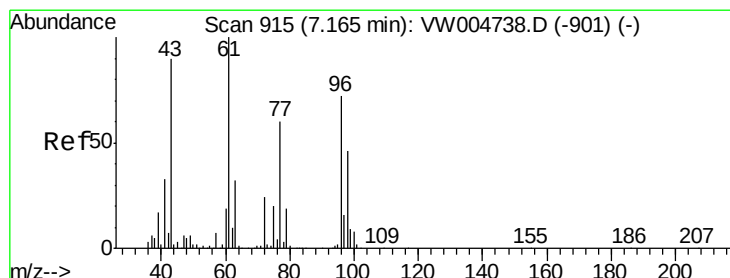
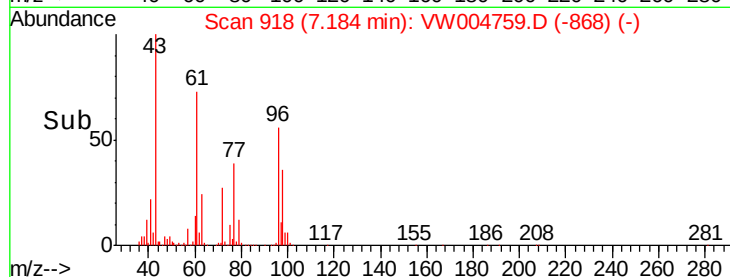
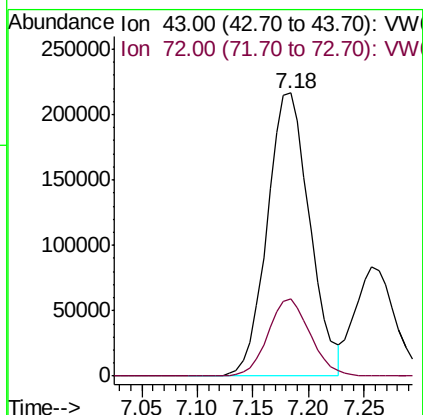
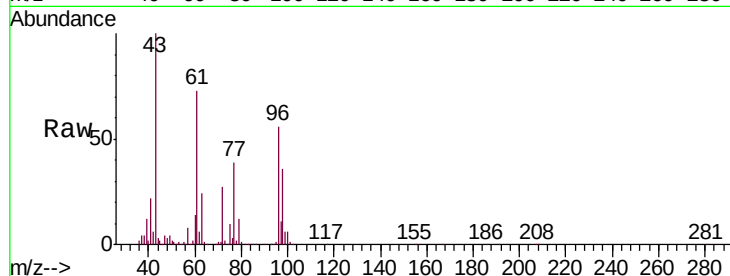
VSTDCCC050

Tgt Ion: 43 Resp: 574494

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 47.225 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004759.D

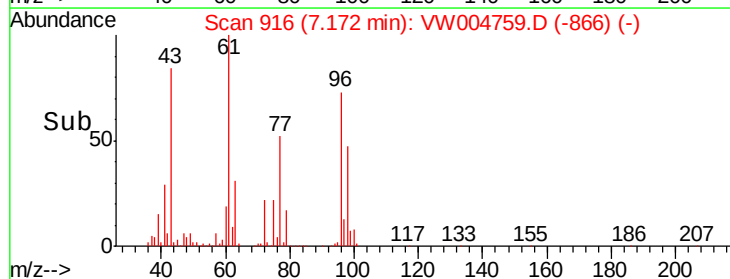
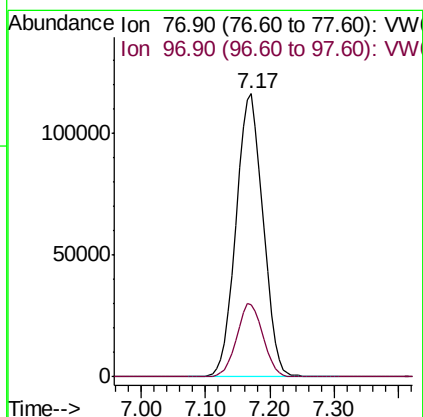
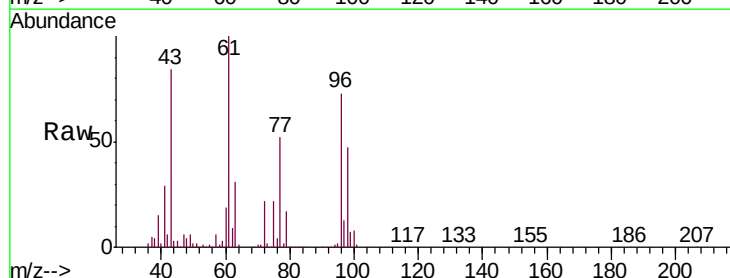
Acq: 18 Aug 2018 04:22

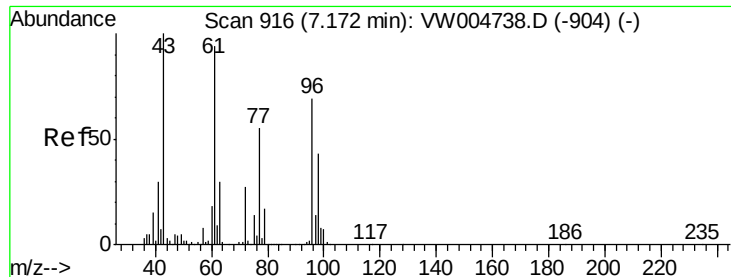
Tgt Ion: 77 Resp: 337322

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.8



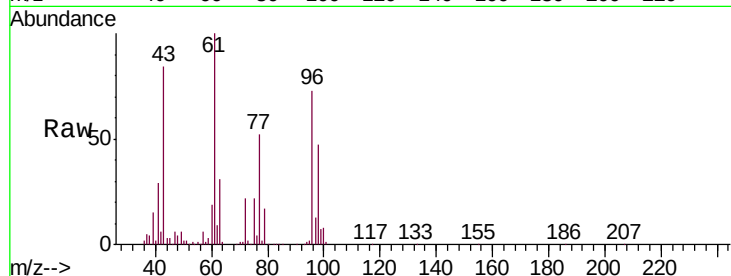


#27

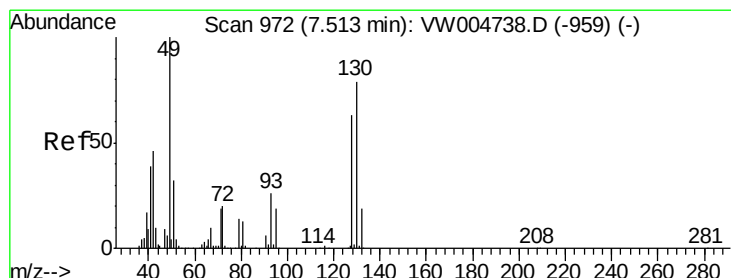
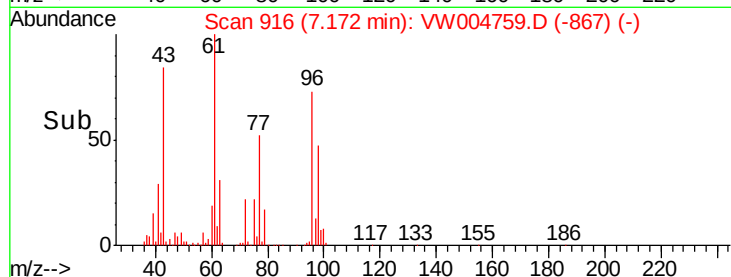
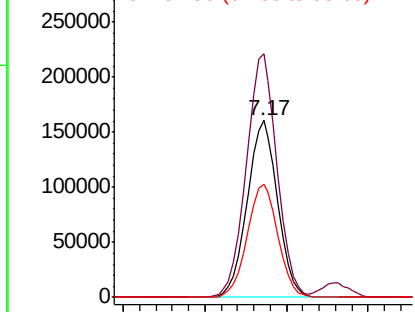
cis-1,2-Dichloroethene
Concen: 55.705 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 416295
Ion Ratio Lower Upper
96 100
61 138.9 0.0 277.6
98 64.5 0.0 127.4



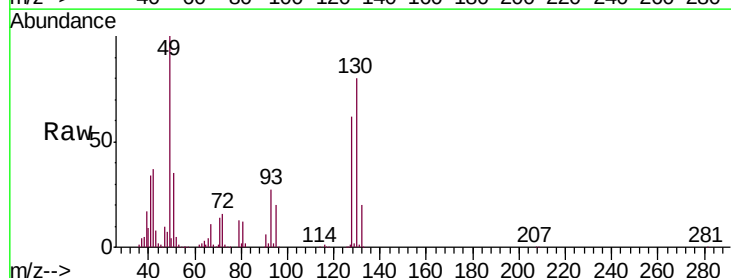
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



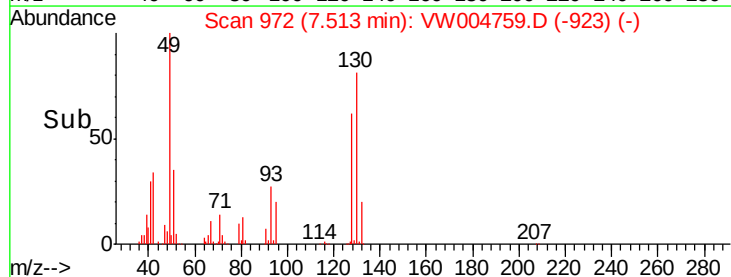
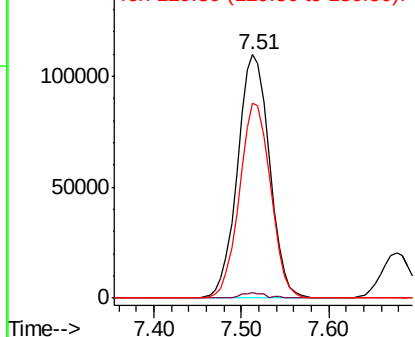
#28

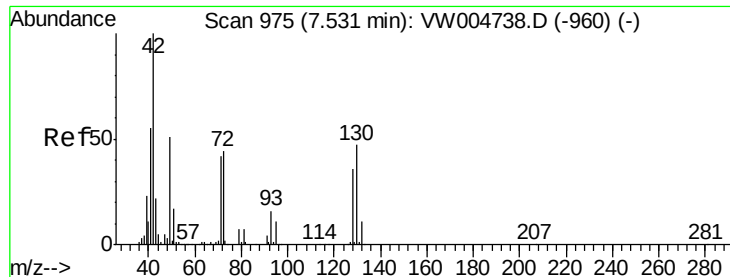
Bromochloromethane
Concen: 53.569 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 49 Resp: 278976
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.4
130 78.3 63.7 95.5



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: 275.894 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

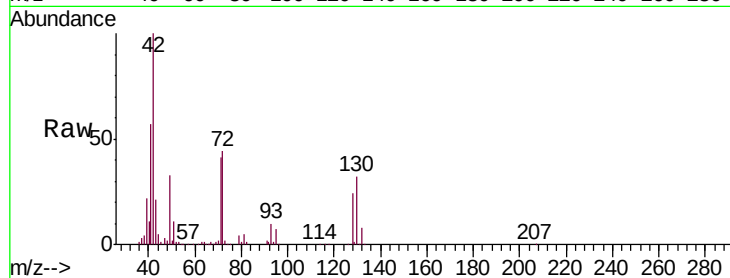
Tgt Ion: 42 Resp: 313204

Ion Ratio Lower Upper

42 100

72 43.3 34.9 52.3

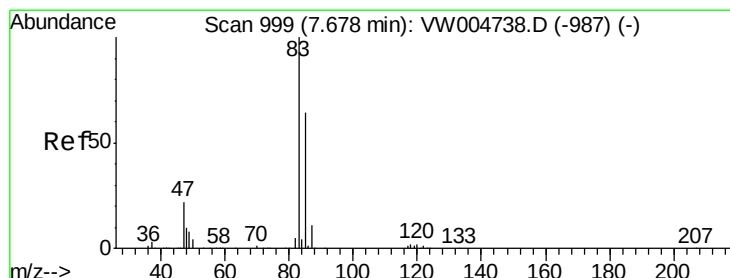
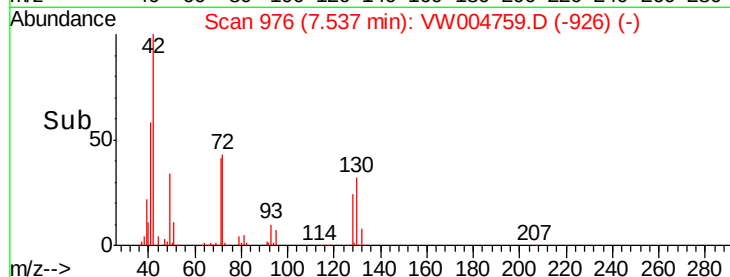
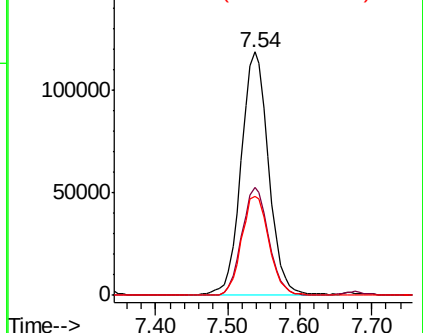
71 40.8 33.8 50.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 55.229 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004759.D

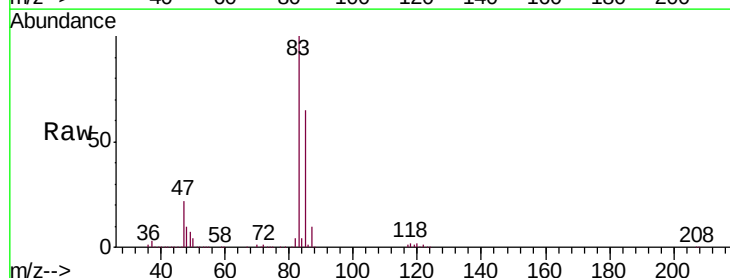
Acq: 18 Aug 2018 04:22

Tgt Ion: 83 Resp: 671733

Ion Ratio Lower Upper

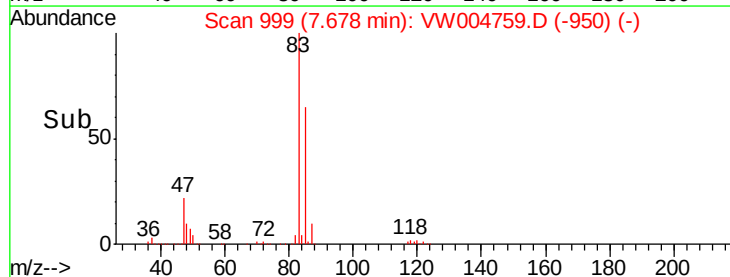
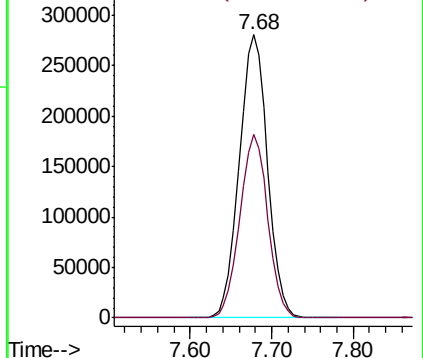
83 100

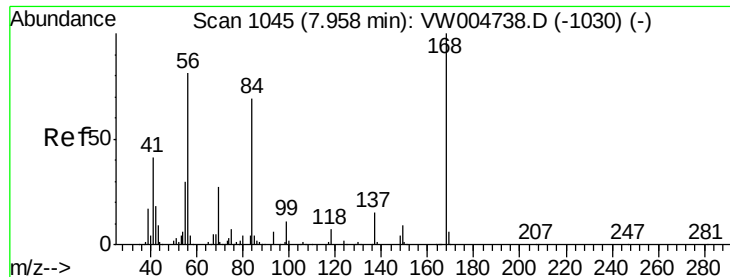
85 65.0 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

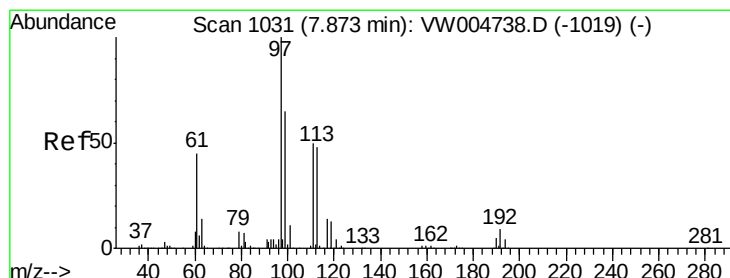
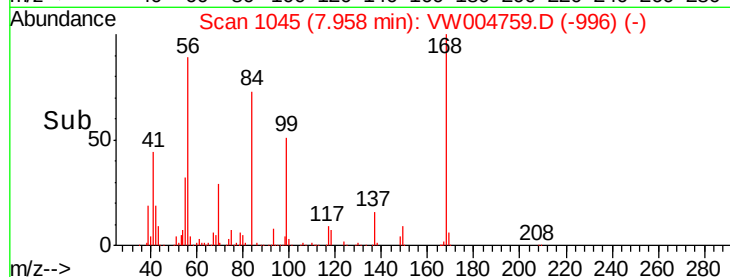
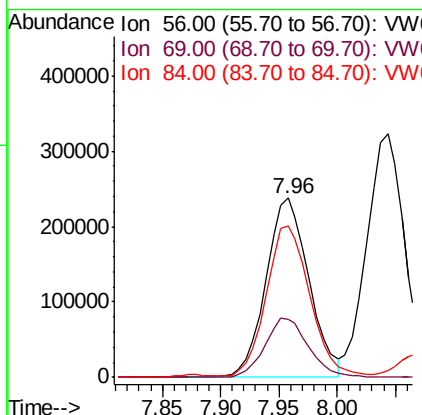
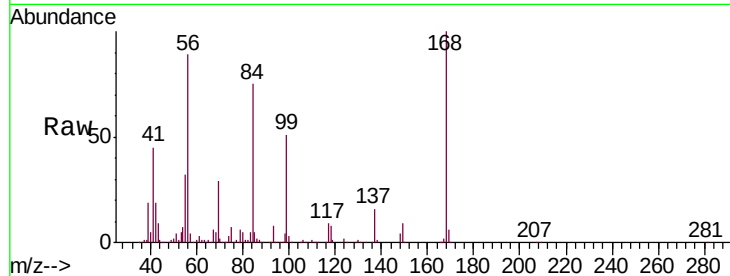




#31
Cyclohexane
Concen: 50.693 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

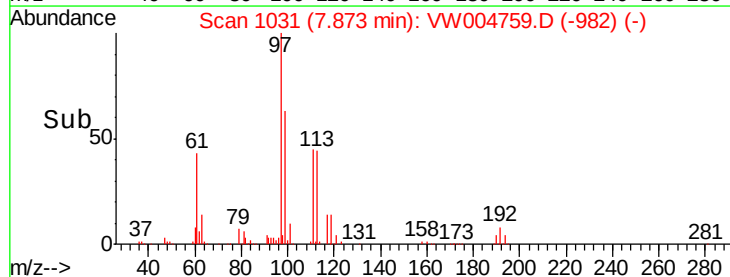
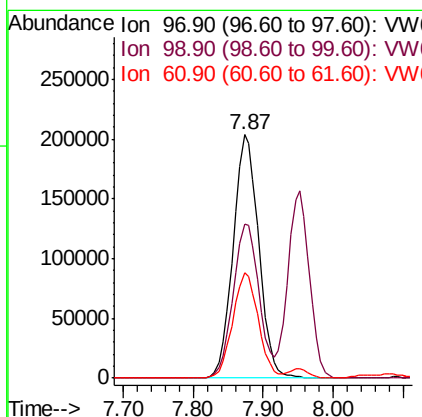
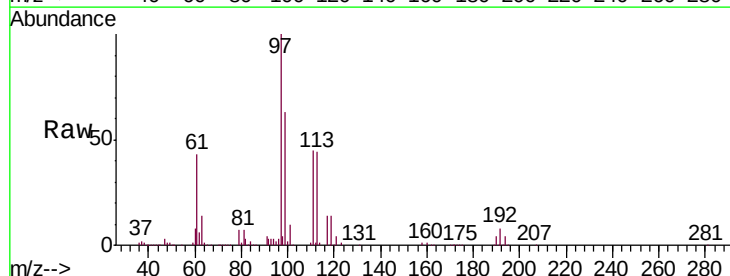
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

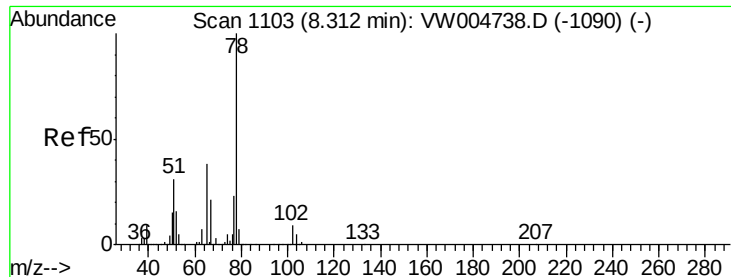
Tgt Ion: 56 Resp: 606379
Ion Ratio Lower Upper
56 100
69 32.6 27.1 40.7
84 83.4 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 53.630 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 97 Resp: 517064
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 43.4 34.4 51.6

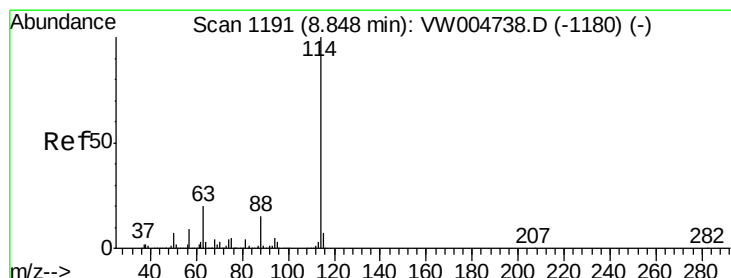
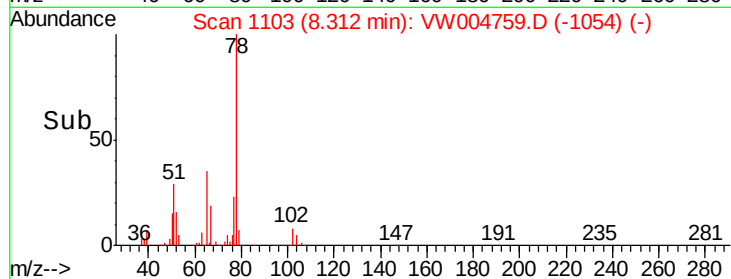
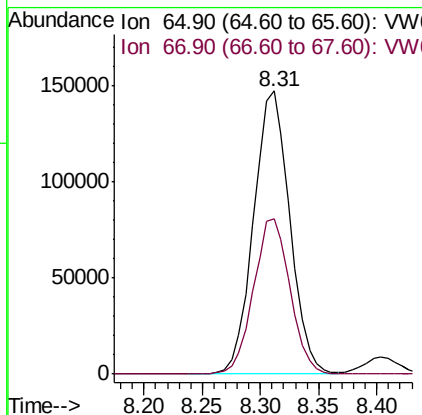
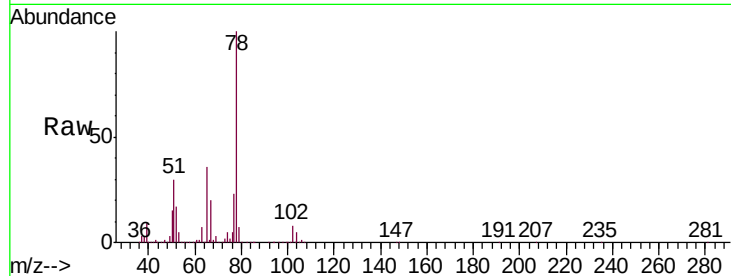




#33
 1,2-Dichloroethane-d4
 Concen: 52.132 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

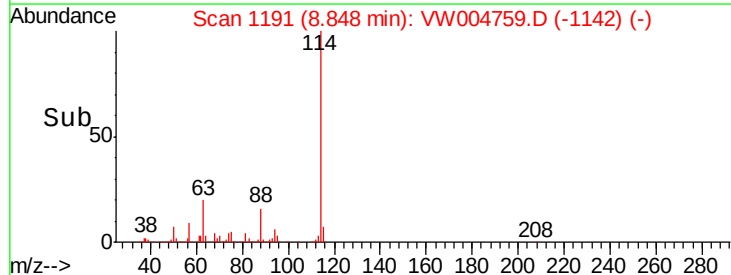
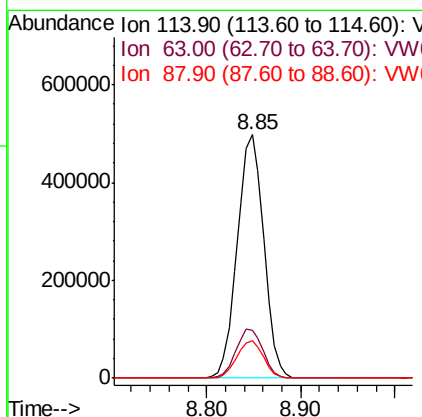
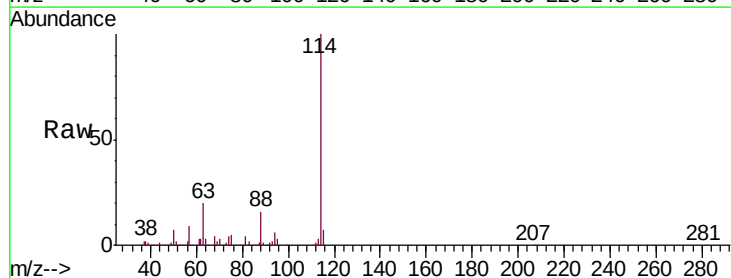
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

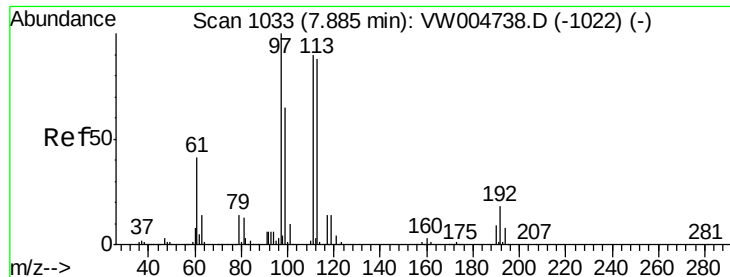
Tgt Ion: 65 Resp: 319092
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 114 Resp: 978090
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.066 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

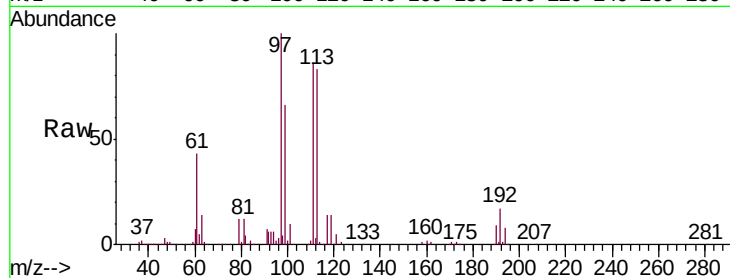
Tgt Ion:113 Resp: 325480

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

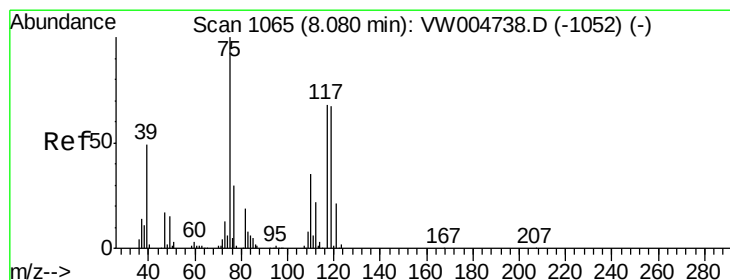
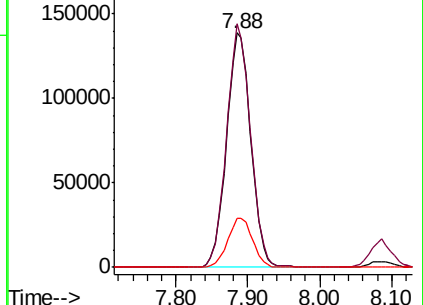
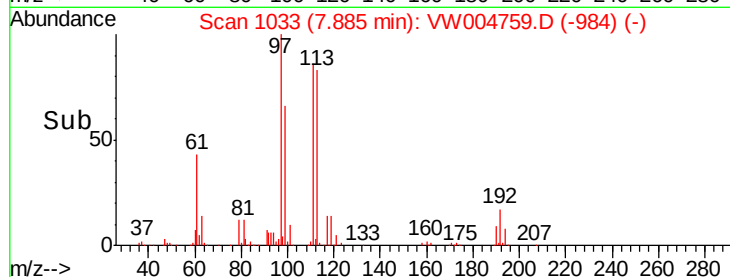
192 21.3 16.7 25.1



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: 52.367 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

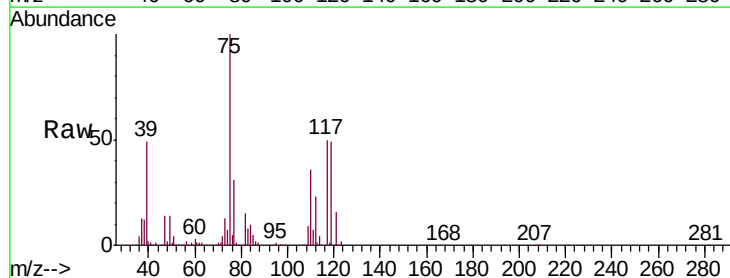
Tgt Ion: 75 Resp: 527652

Ion Ratio Lower Upper

75 100

110 35.2 17.8 53.5

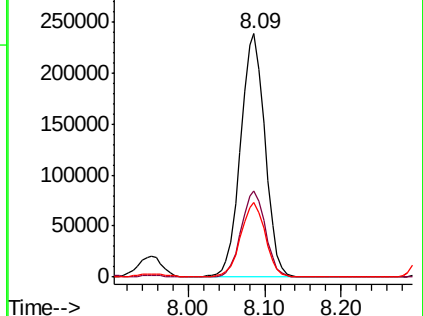
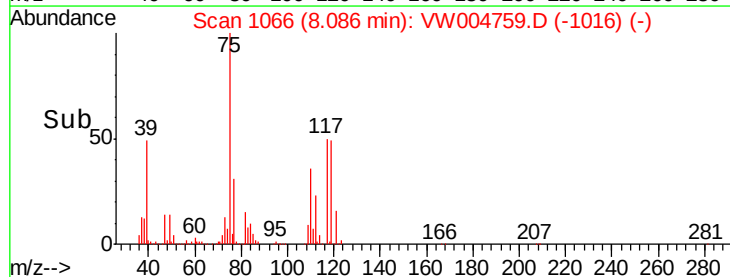
77 31.0 24.9 37.3

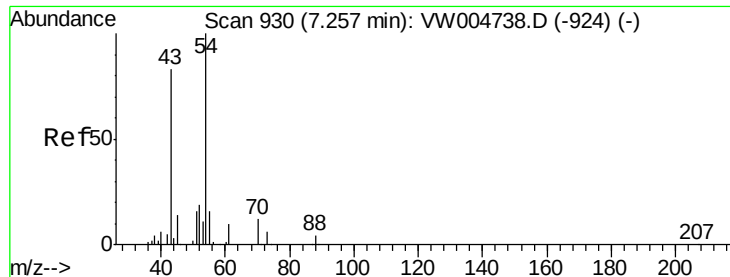


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

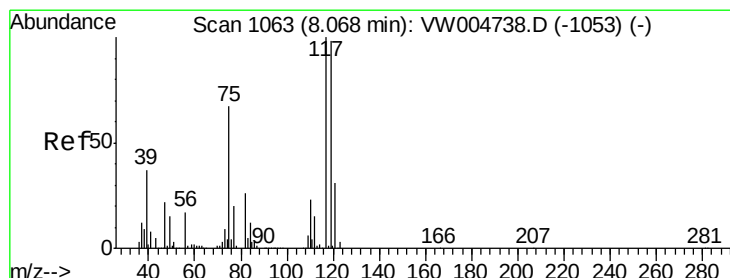
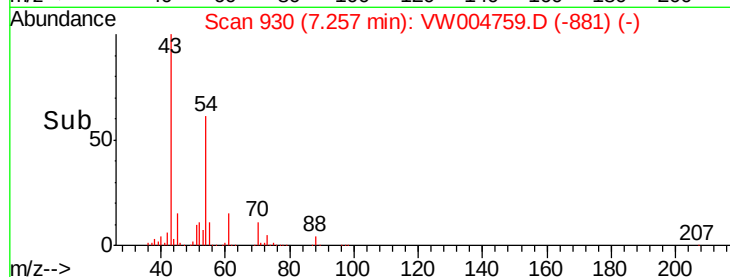
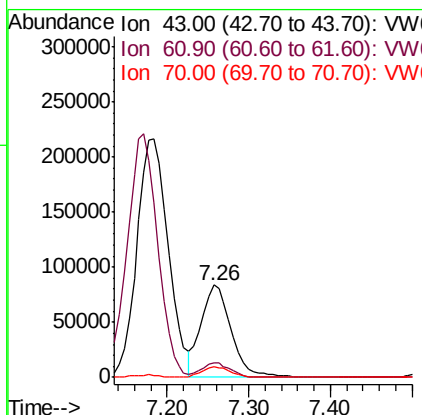
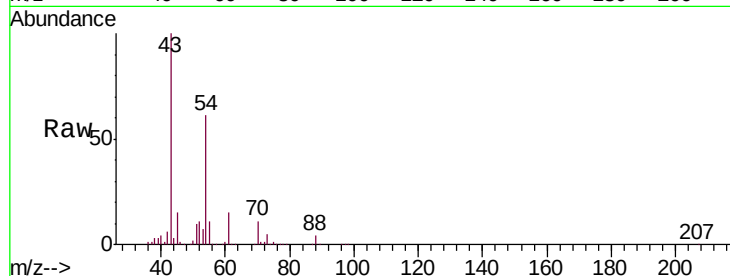




#37
 Ethyl Acetate
 Concen: 53.221 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

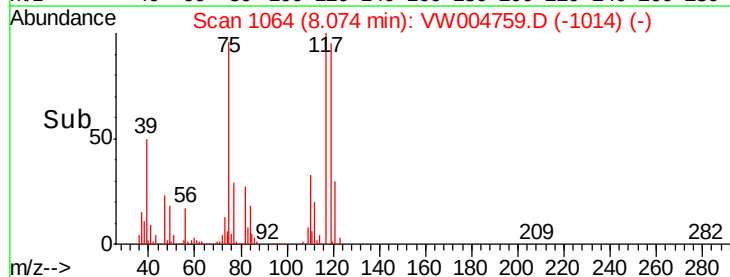
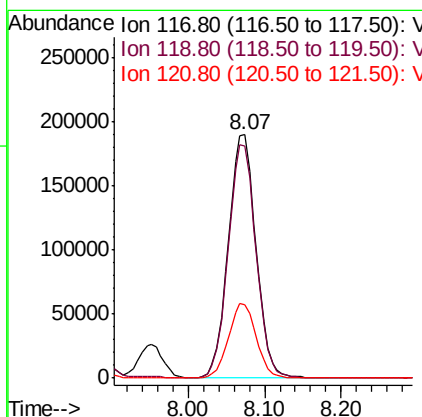
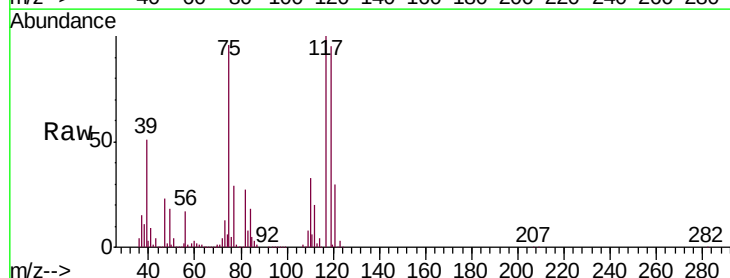
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

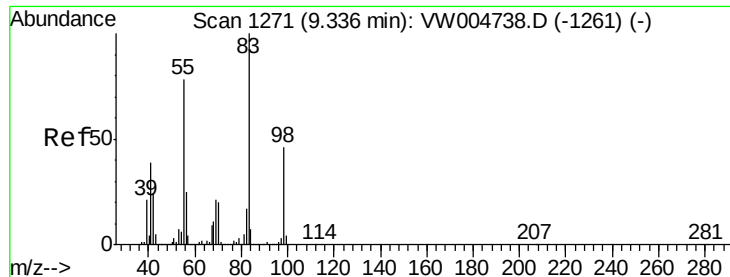
Tgt Ion: 43 Resp: 213769
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.6 17.4
 70 10.7 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 51.331 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 117 Resp: 476098
 Ion Ratio Lower Upper
 117 100
 119 95.4 78.0 117.0
 121 29.9 24.8 37.2

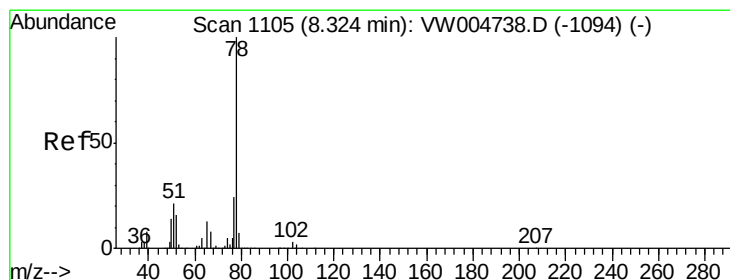
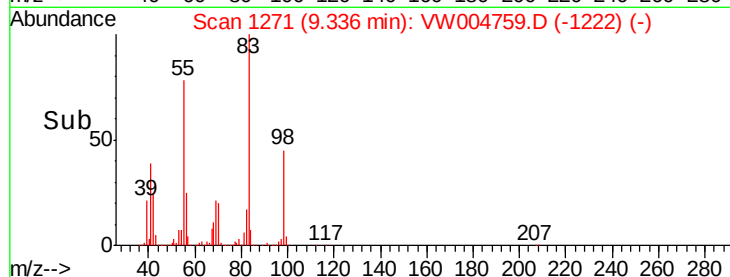
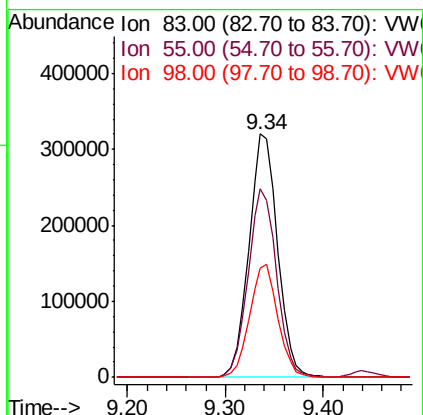
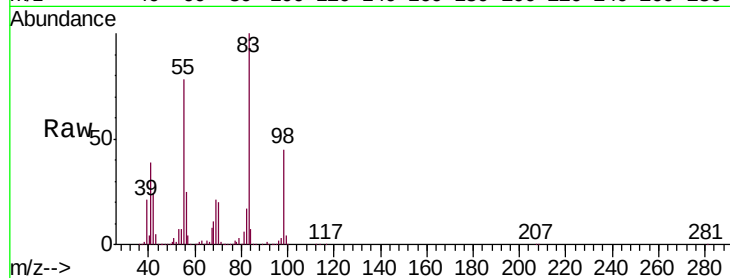




#39
Methylcyclohexane
Concen: 51.568 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

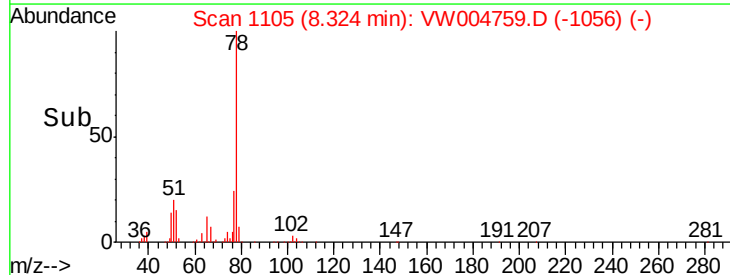
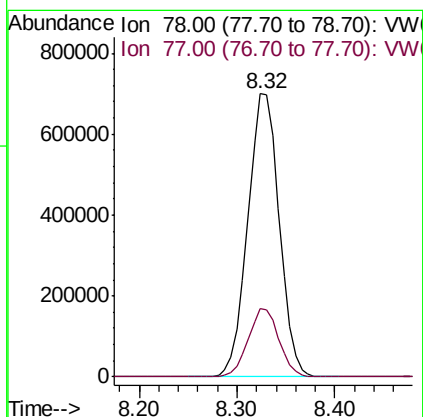
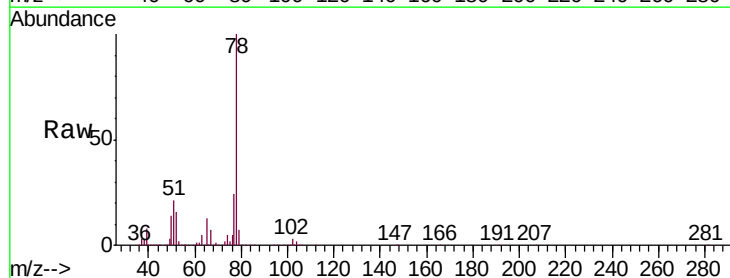
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

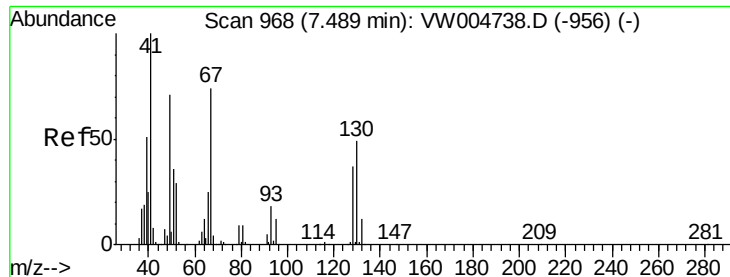
Tgt Ion: 83 Resp: 649801
Ion Ratio Lower Upper
83 100
55 77.6 62.4 93.6
98 45.0 36.5 54.7



#40
Benzene
Concen: 53.549 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 78 Resp: 1568059
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

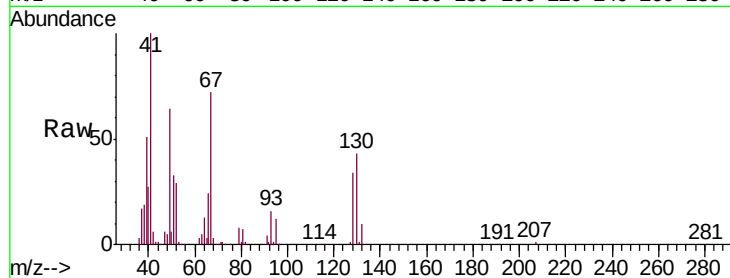




#41
Methacrylonitrile
Concen: 59.469 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	135560
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.0	61.4
67	71.2	59.5	89.3
52	27.5	23.6	35.4



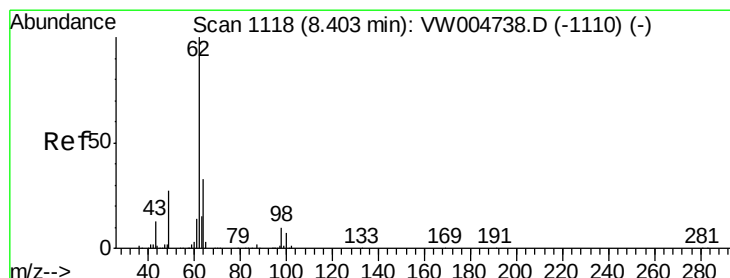
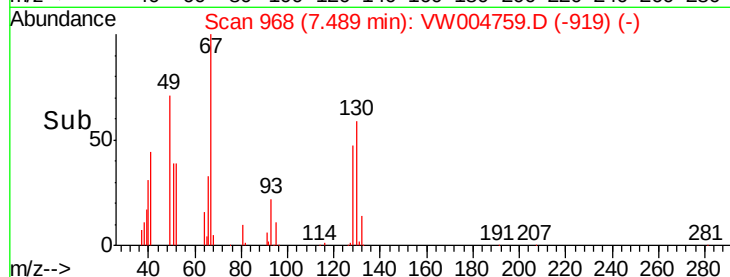
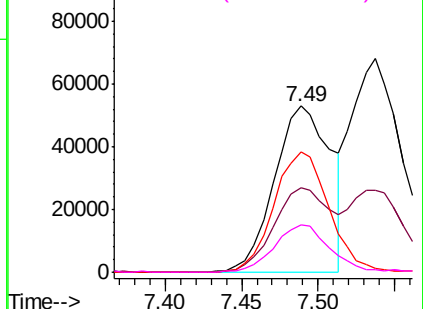
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

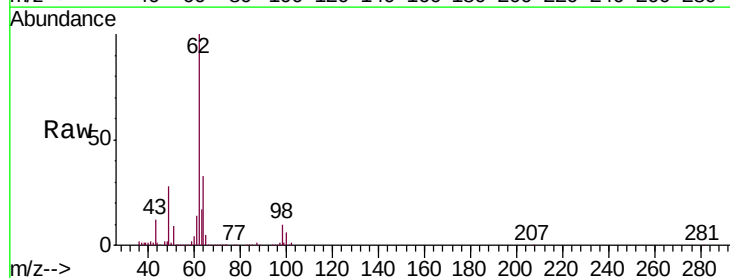
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 53.984 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

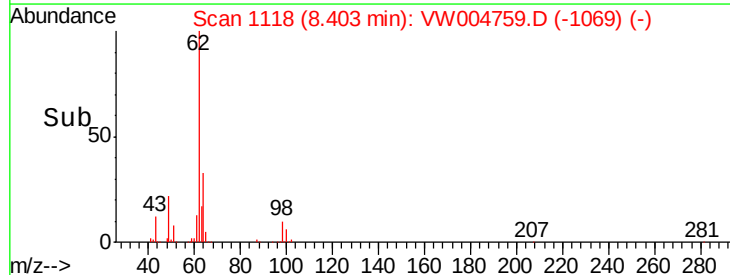
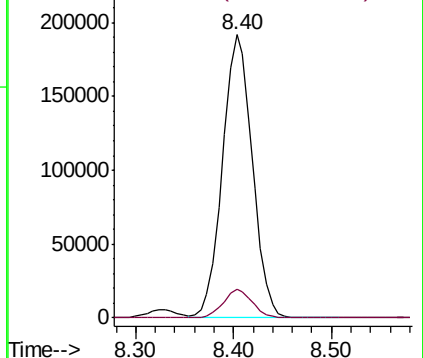
Tgt Ion:	62	Resp:	405366
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

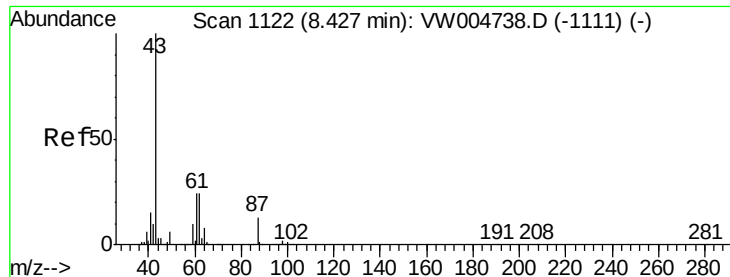


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.809 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

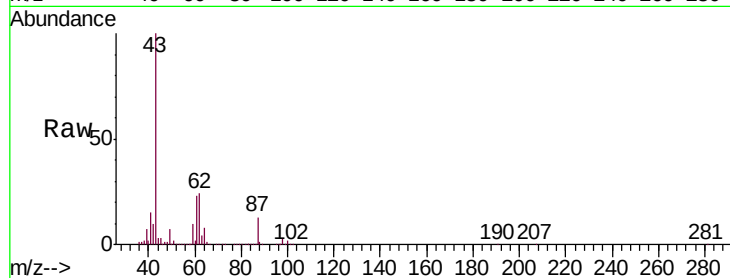
Tgt Ion: 43 Resp: 395434

Ion Ratio Lower Upper

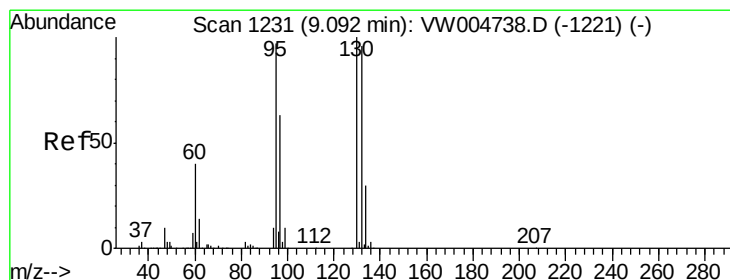
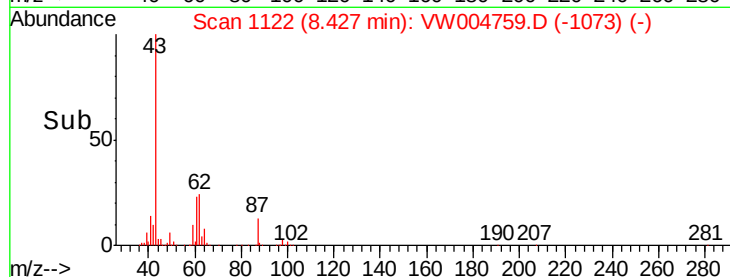
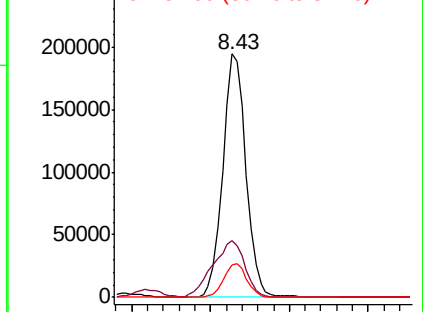
43 100

61 32.2 26.2 39.4

87 13.8 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.627 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004759.D

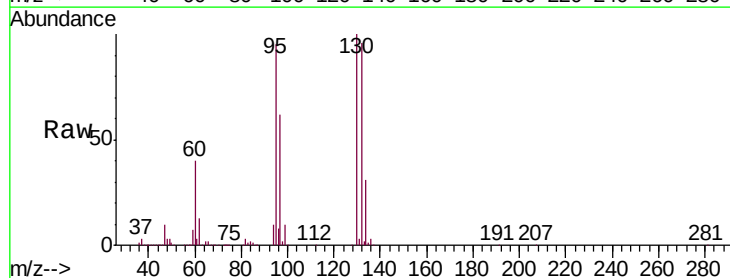
Acq: 18 Aug 2018 04:22

Tgt Ion: 130 Resp: 391192

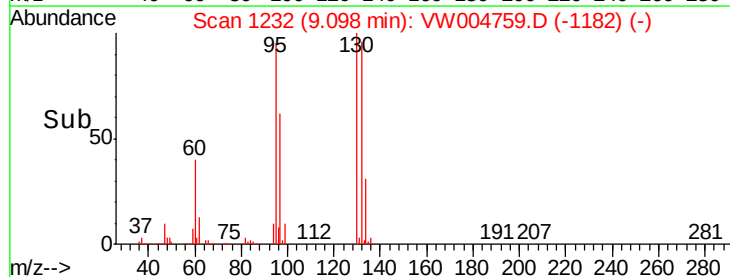
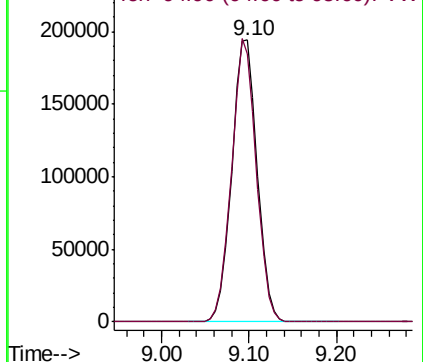
Ion Ratio Lower Upper

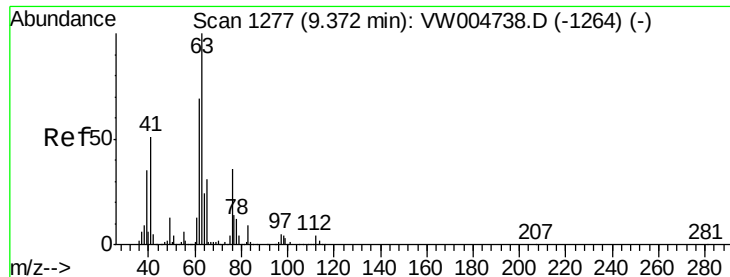
130 100

95 95.1 0.0 194.4



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

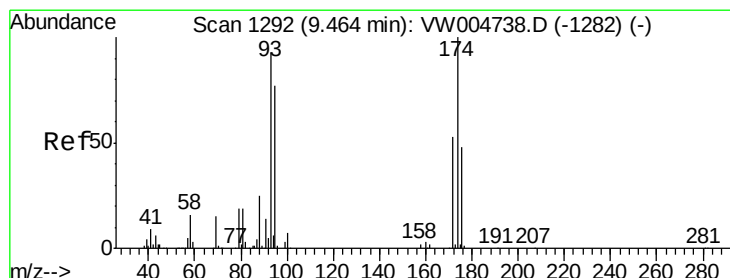
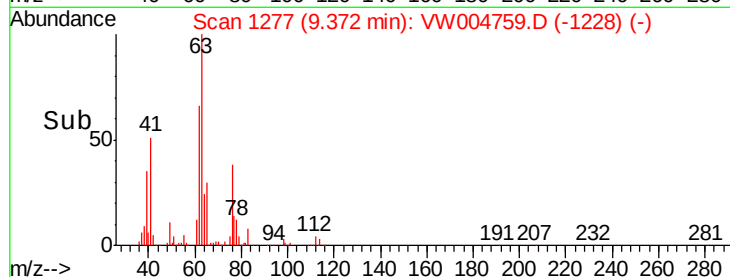
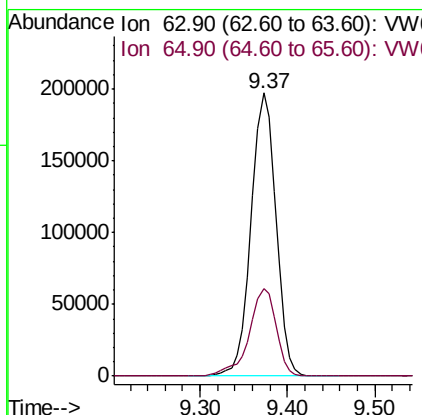
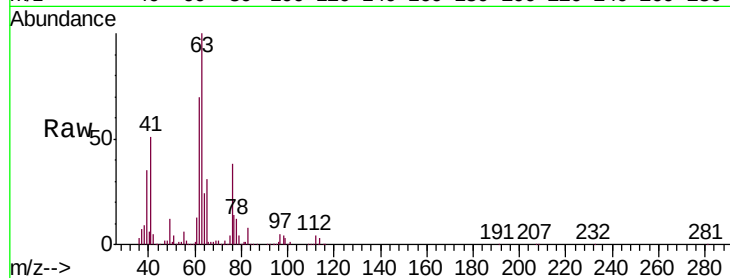




#45
 1,2-Dichloropropane
 Concen: 54.461 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

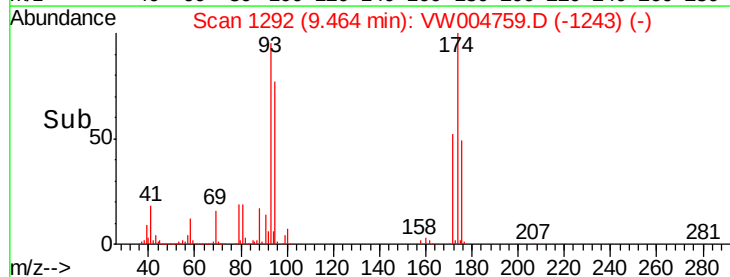
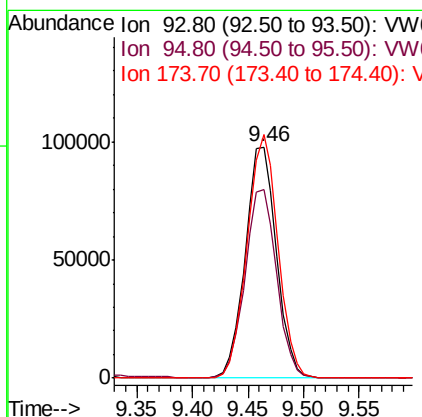
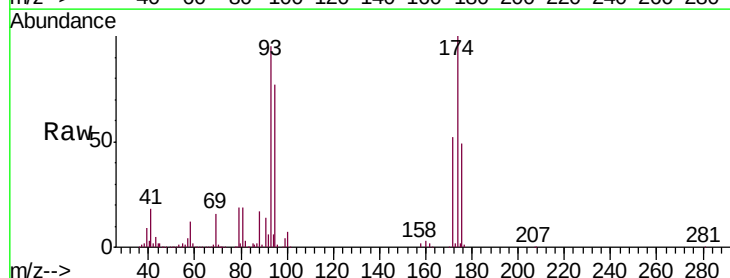
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

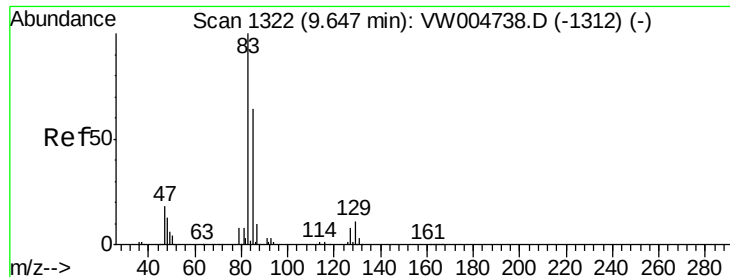
Tgt Ion: 63 Resp: 390096
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 53.790 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 93 Resp: 190878
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 104.3 85.3 127.9





#47

Bromodichloromethane

Concen: 54.443 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

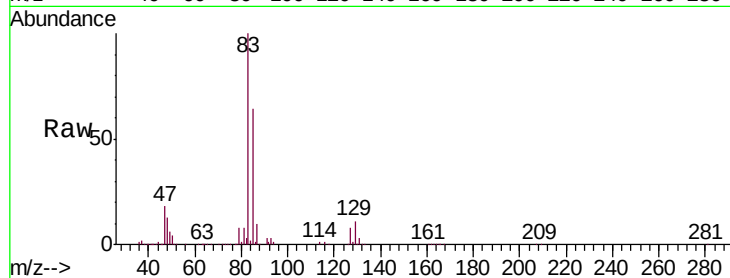
Tgt Ion: 83 Resp: 461393

Ion Ratio Lower Upper

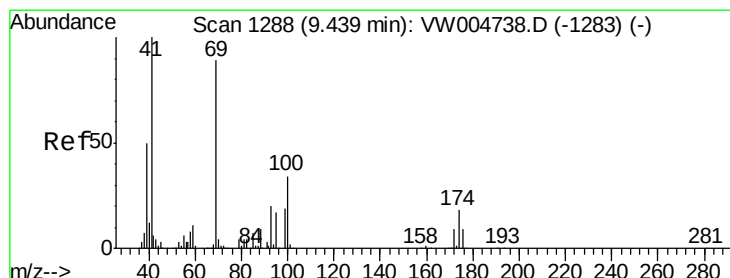
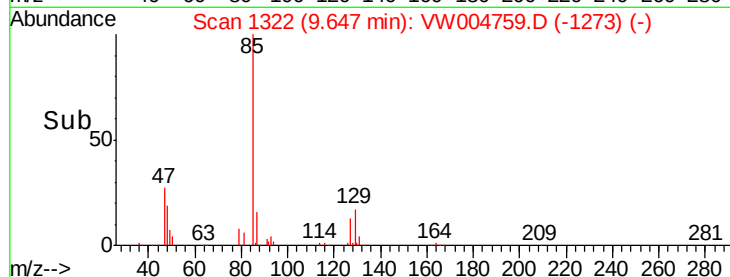
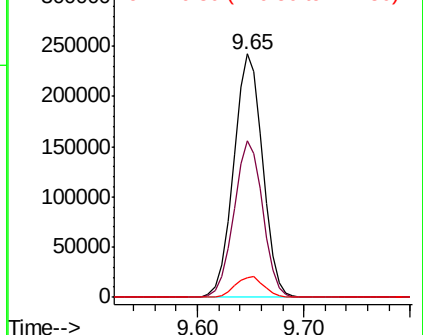
83 100

85 64.3 51.2 76.8

127 8.3 6.7 10.1



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



#48

Methyl methacrylate

Concen: 55.647 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

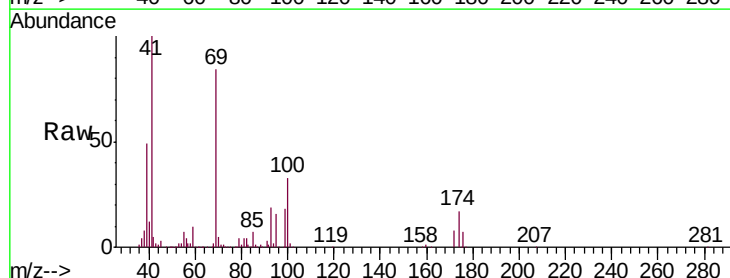
Tgt Ion: 41 Resp: 188386

Ion Ratio Lower Upper

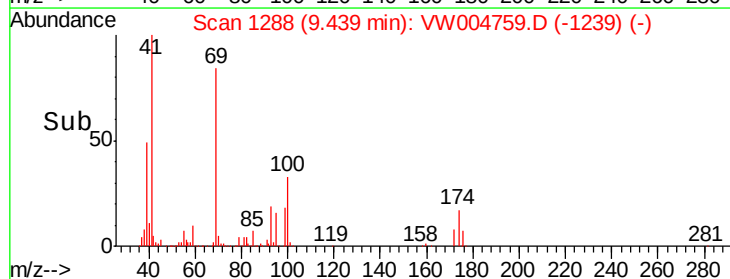
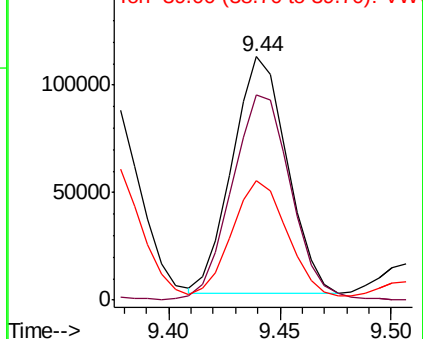
41 100

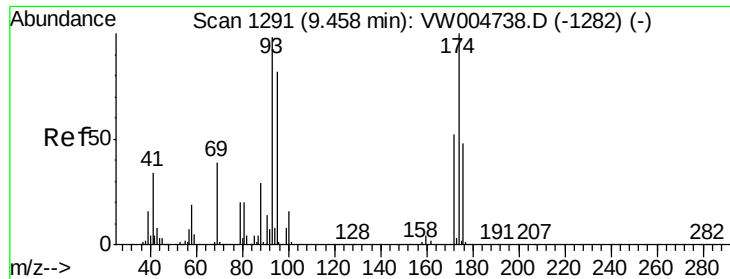
69 93.1 75.2 112.8

39 49.0 39.8 59.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

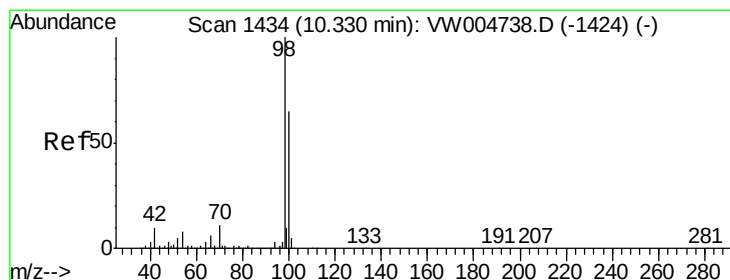
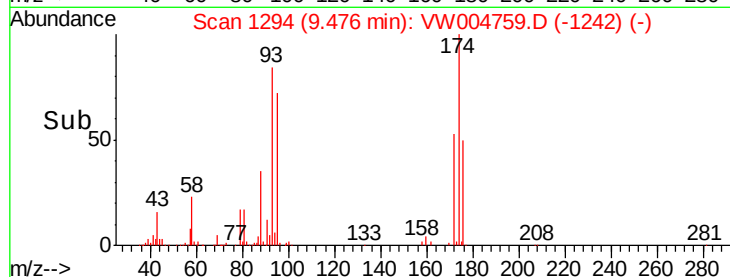
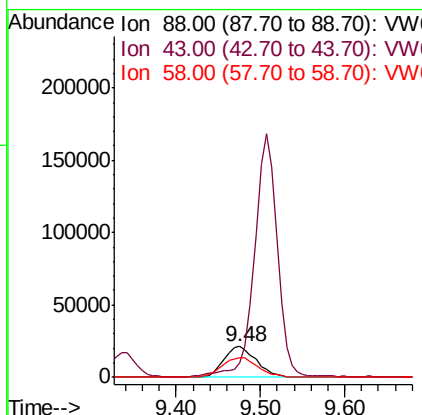
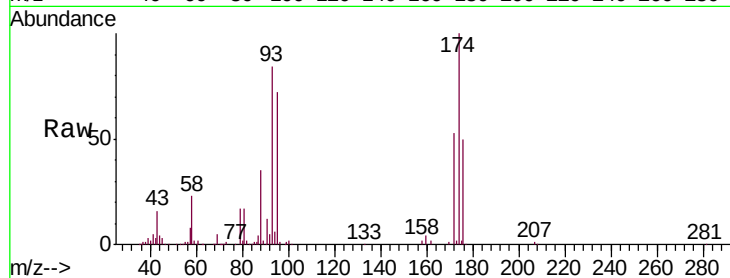




#49
 1,4-Dioxane
 Concen: 1085.456 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. 0.02 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

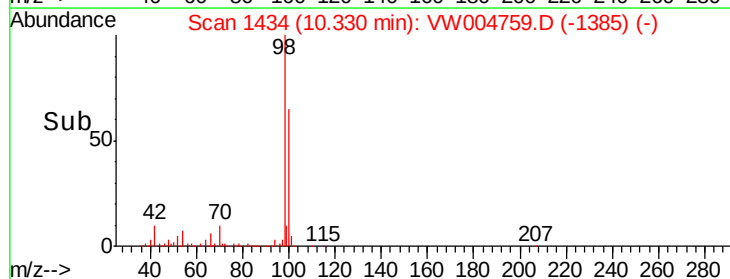
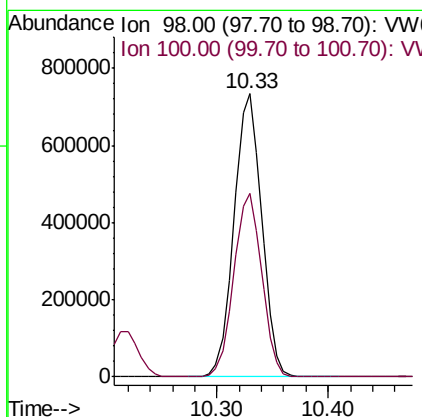
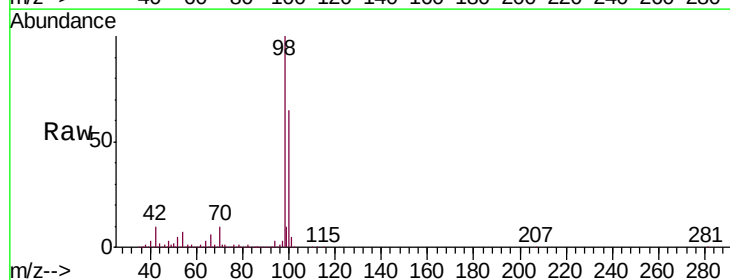
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

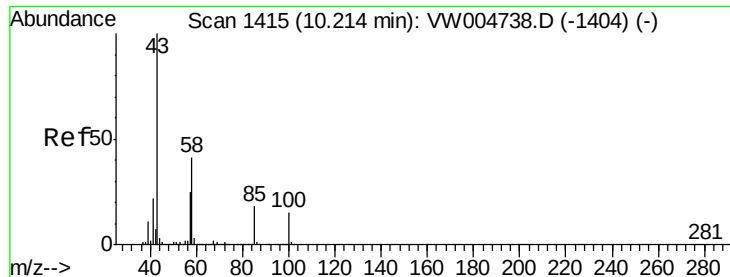
Tgt Ion: 88 Resp: 56275
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 72.9 60.0 90.0



#50
 Toluene-d8
 Concen: 51.821 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 98 Resp: 1264570
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8

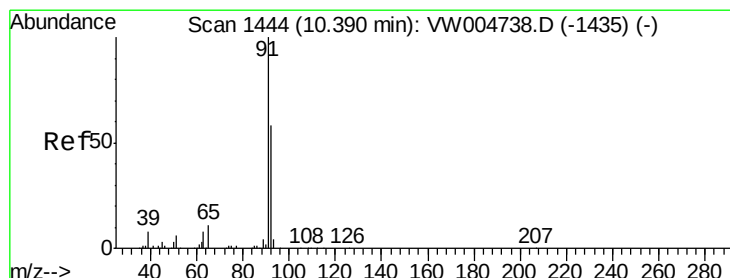
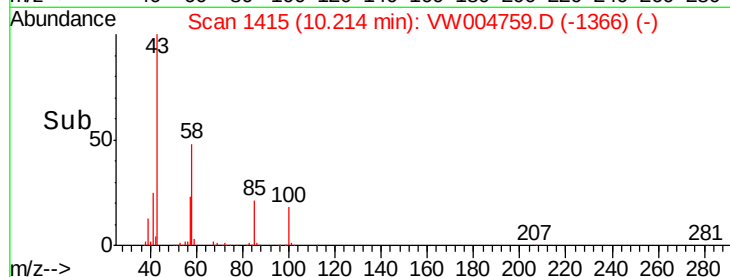
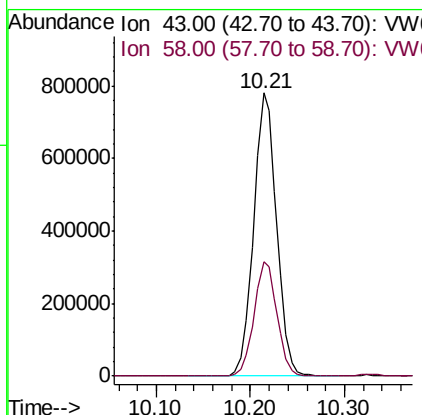
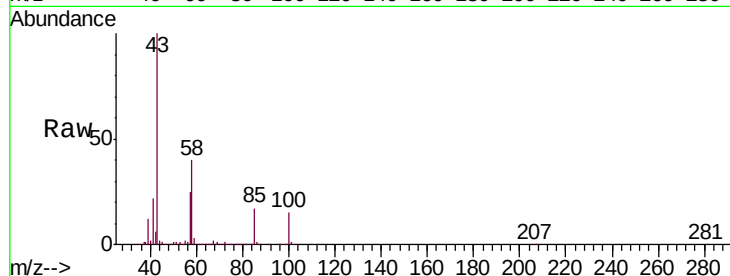




#51
 4-Methyl-2-Pentanone
 Concen: 274.738 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

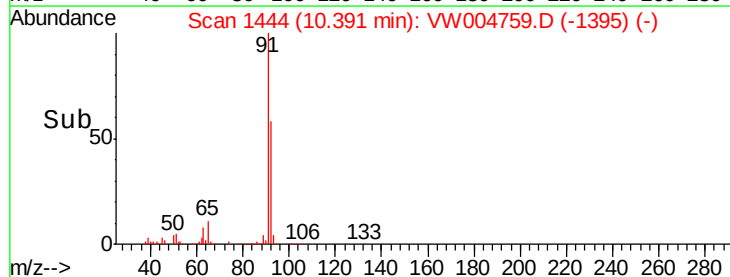
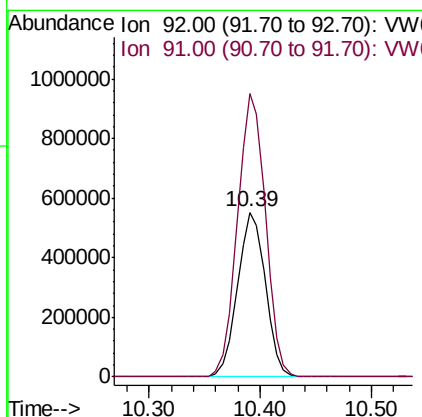
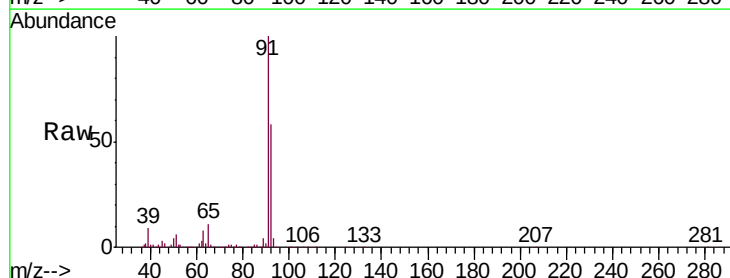
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

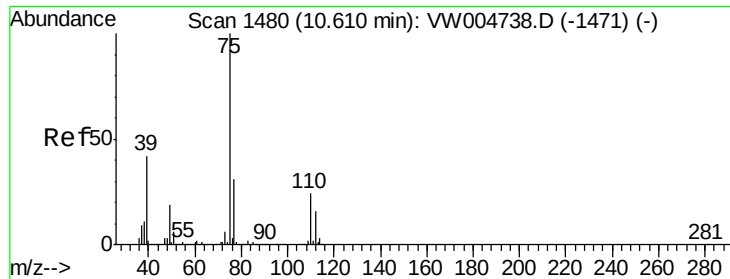
Tgt Ion: 43 Resp: 1339635
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.7 49.1



#52
 Toluene
 Concen: 54.290 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion: 92 Resp: 953455
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.652 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

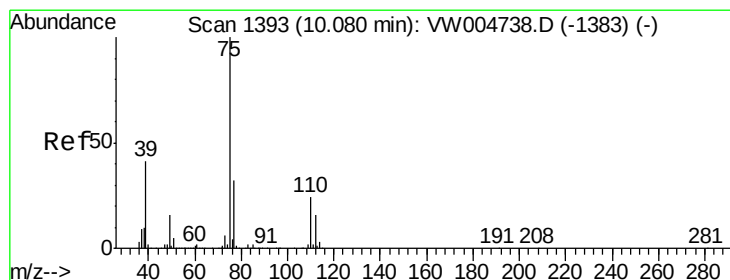
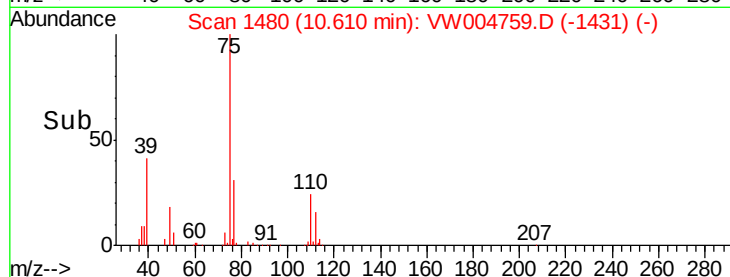
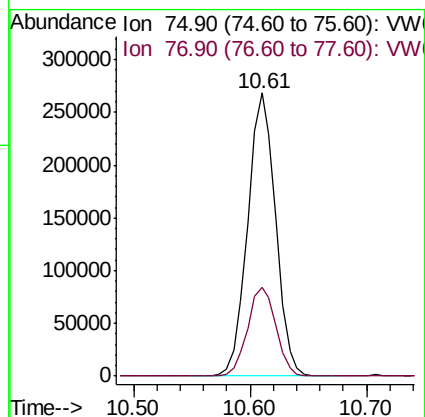
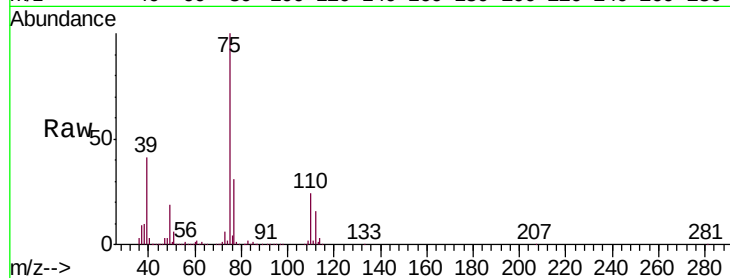
VSTDCCC050

Tgt Ion: 75 Resp: 449569

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 53.378 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

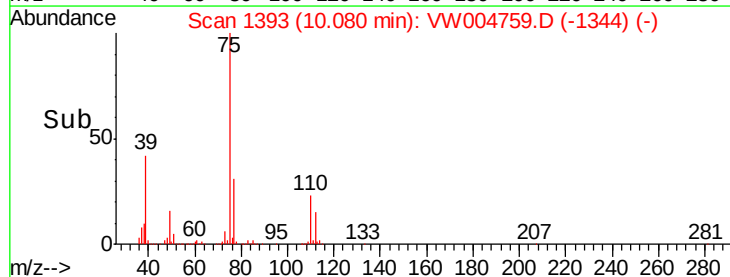
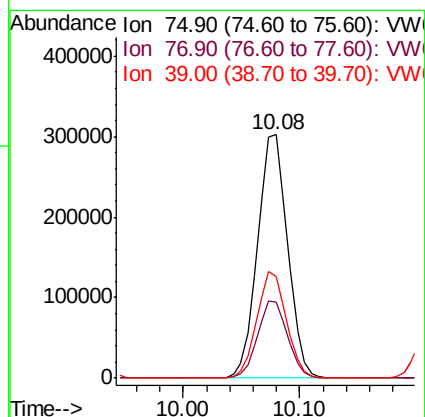
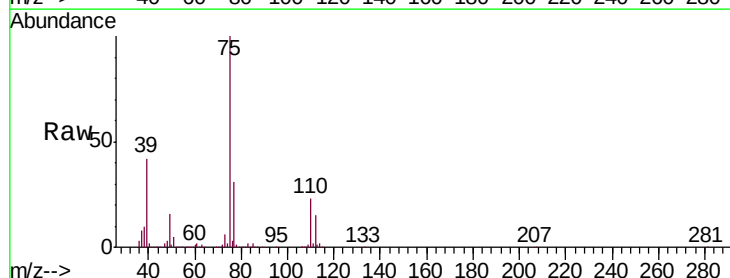
Tgt Ion: 75 Resp: 543339

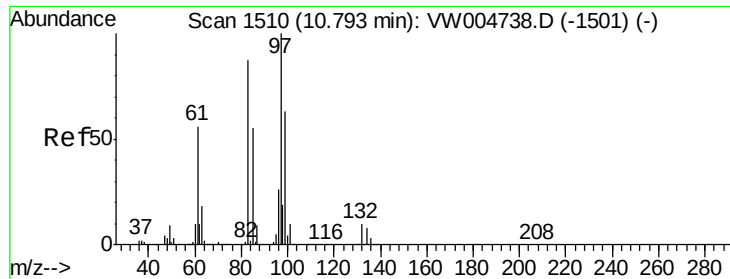
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 41.5 33.0 49.4

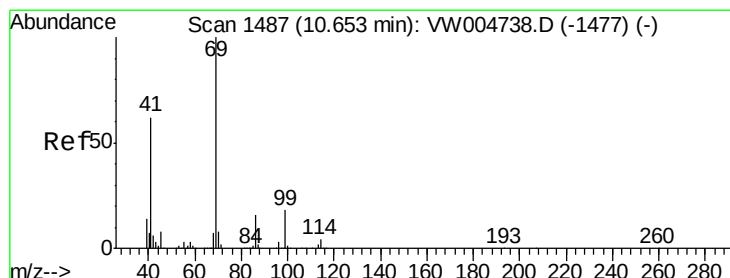
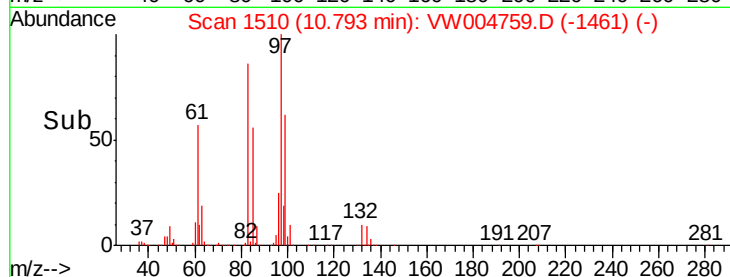
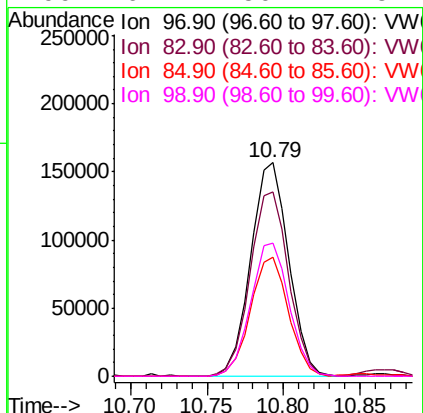
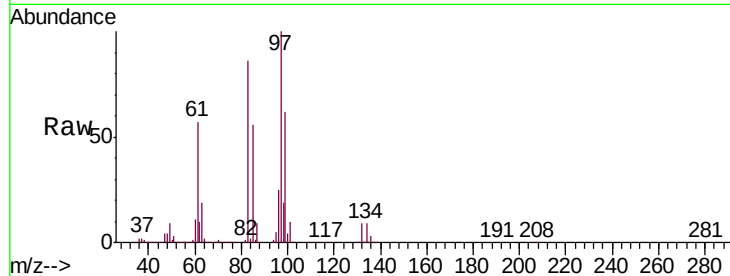




#55
 1,1,2-Trichloroethane
 Concen: 53.930 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

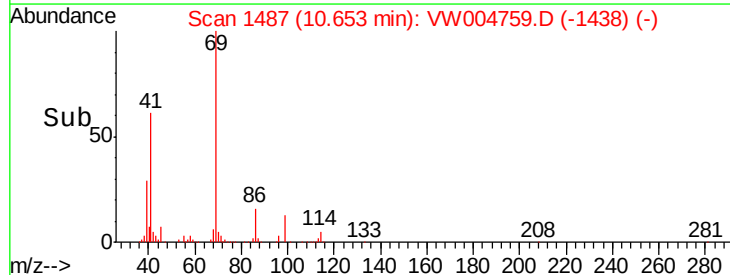
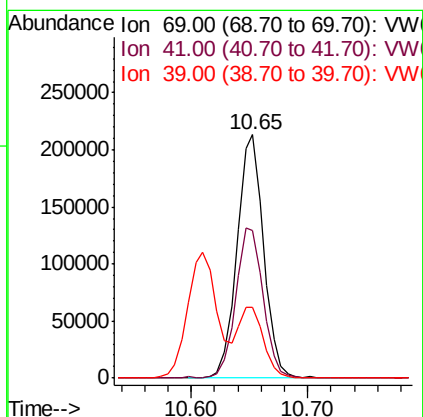
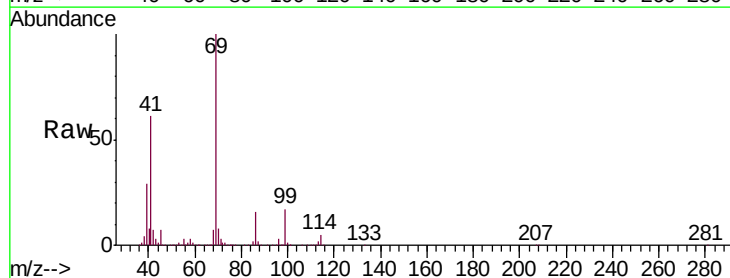
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

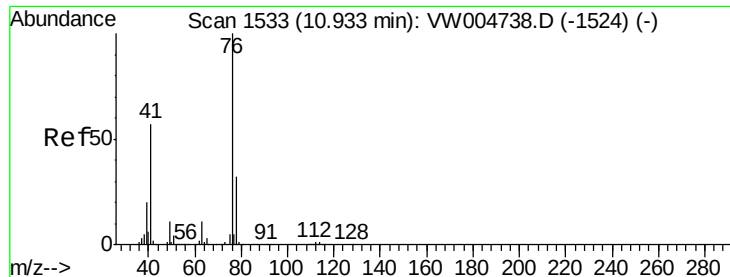
Tgt Ion:	97	Resp:	272034
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.4	104.2
85	56.0	44.3	66.5
99	62.2	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 51.314 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion:	69	Resp:	338696
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	27.0	21.4	32.2





#57

1,3-Dichloropropane

Concen: 54.270 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

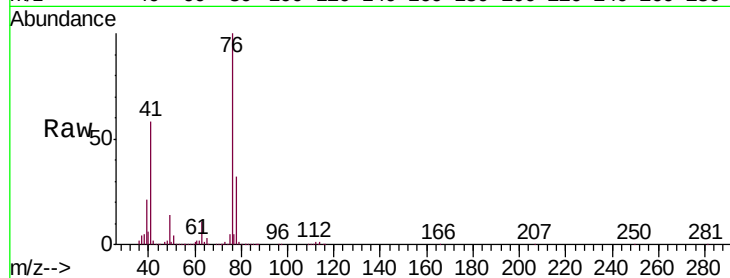
VSTDCCC050

Tgt Ion: 76 Resp: 472535

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

250000

200000

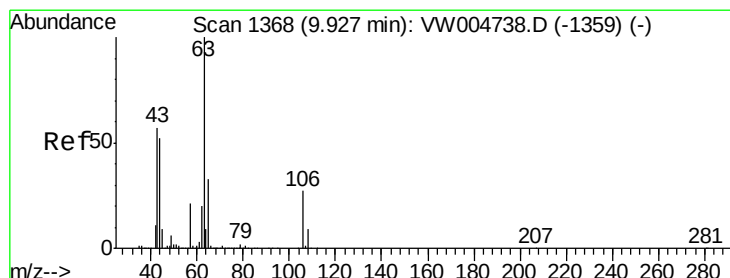
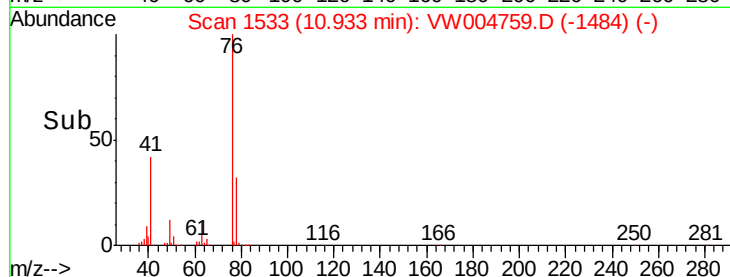
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.618 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004759.D

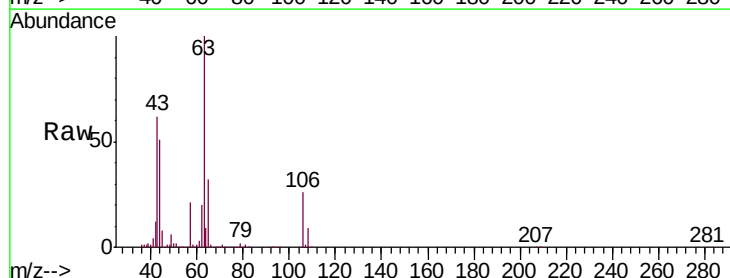
Acq: 18 Aug 2018 04:22

Tgt Ion: 63 Resp: 787294

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

500000

400000

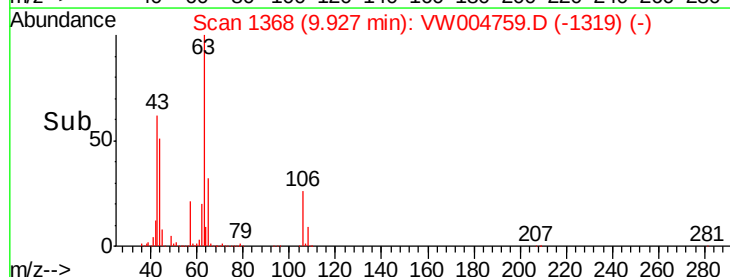
300000

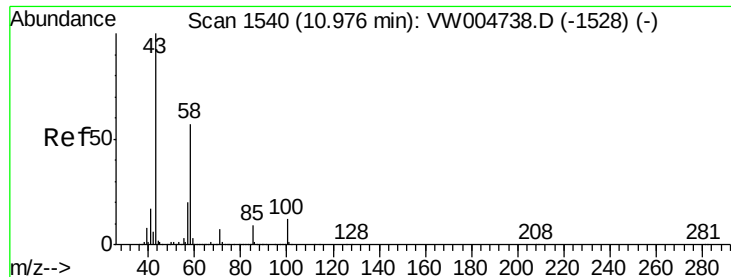
200000

100000

0

Time-->

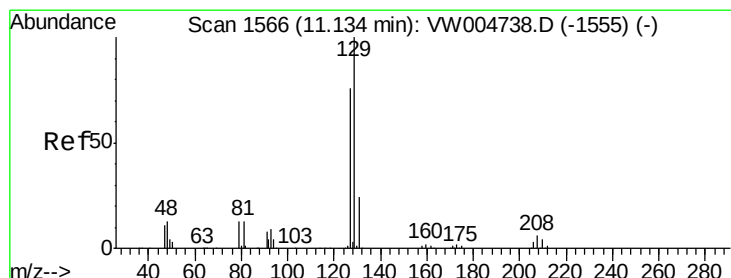
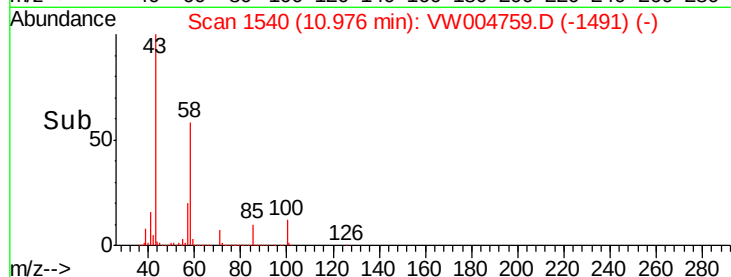
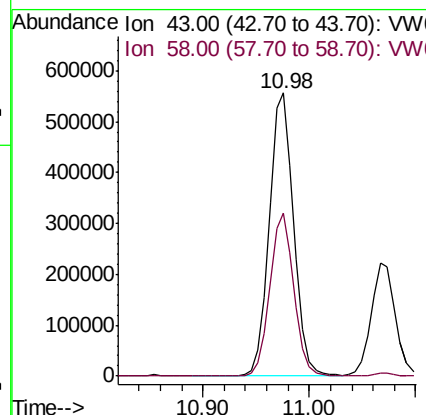
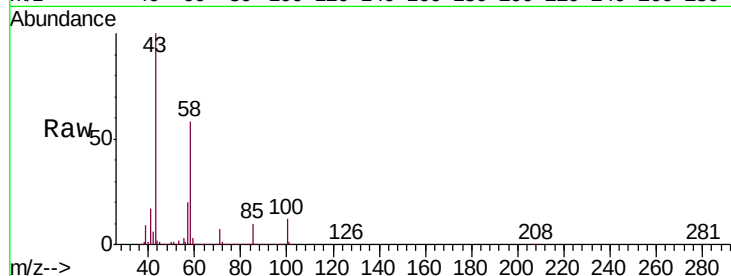




#59
2-Hexanone
Concen: 269.070 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

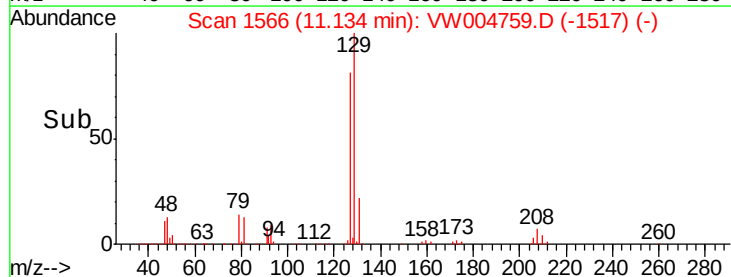
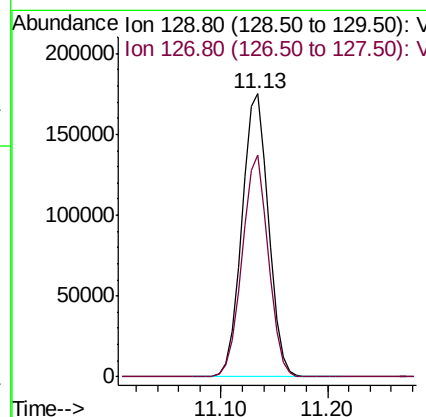
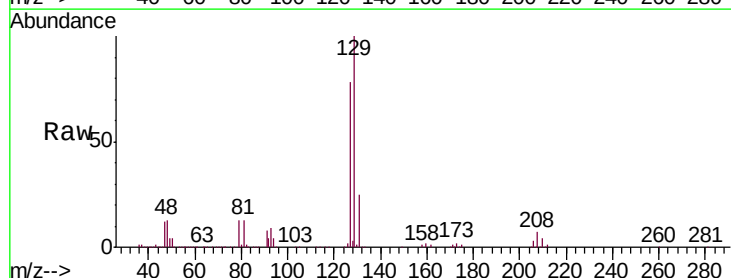
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

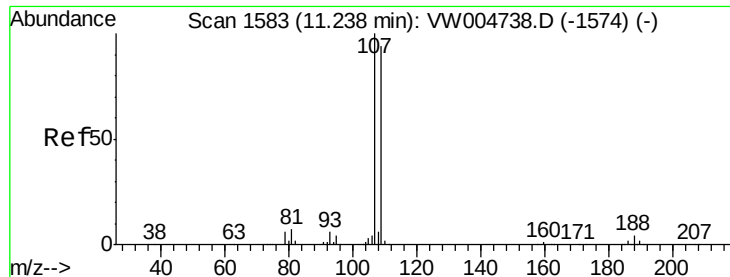
Tgt Ion: 43 Resp: 888967
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.4



#60
Dibromochloromethane
Concen: 54.202 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 129 Resp: 306743
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.395 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

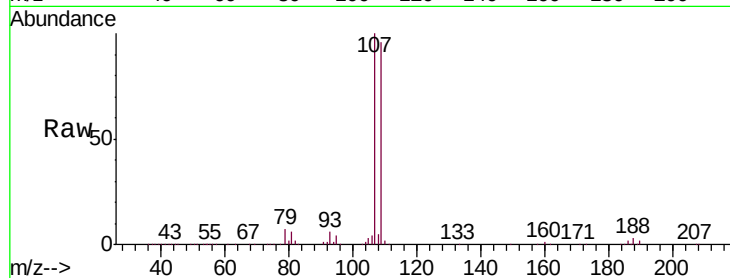
VSTDCCC050

Tgt Ion: 107 Resp: 257452

Ion Ratio Lower Upper

107 100

109 93.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

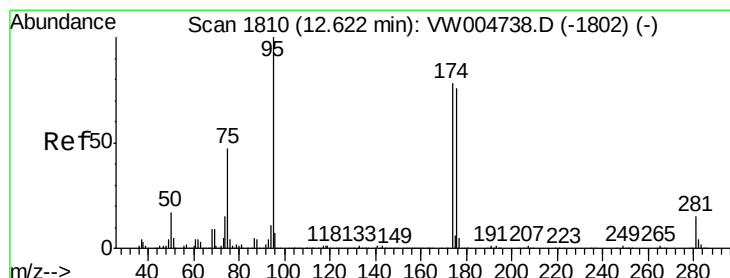
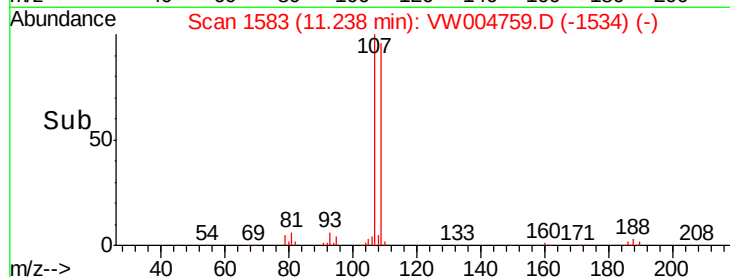
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.240 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

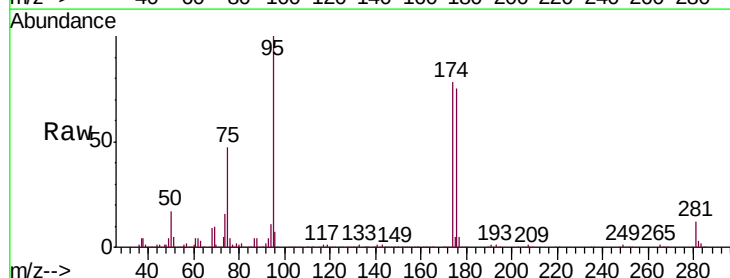
Tgt Ion: 95 Resp: 458622

Ion Ratio Lower Upper

95 100

174 81.7 0.0 165.8

176 78.4 0.0 159.8



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

400000

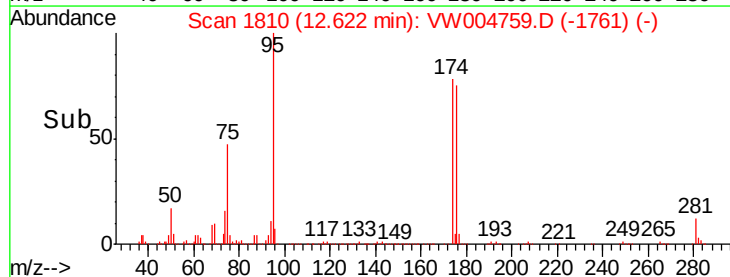
300000

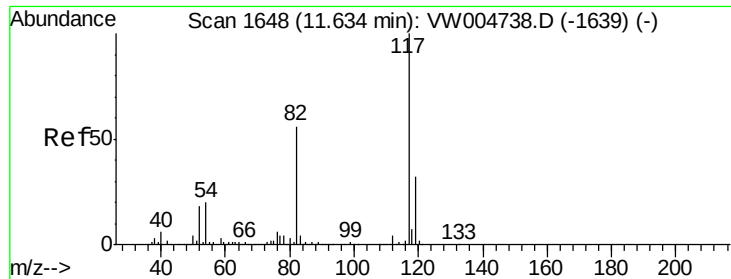
200000

100000

0

Time-->

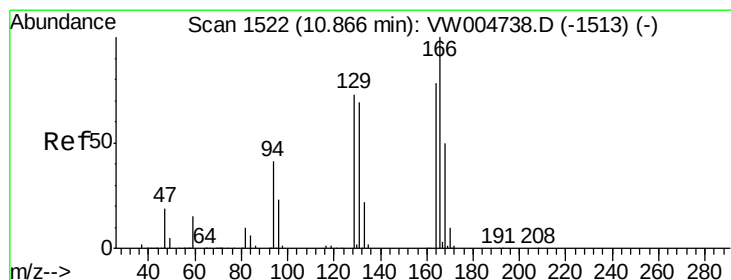
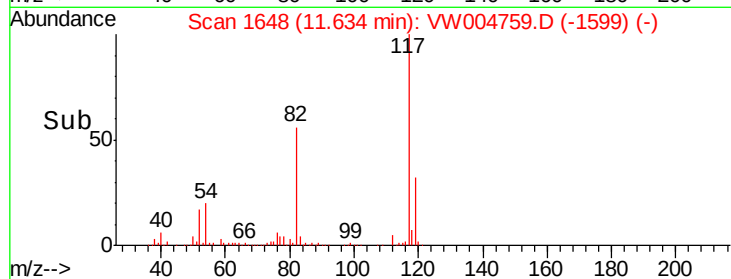
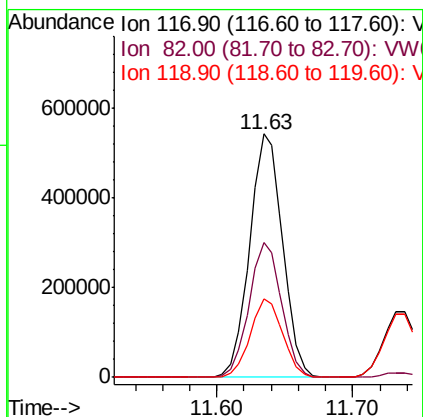
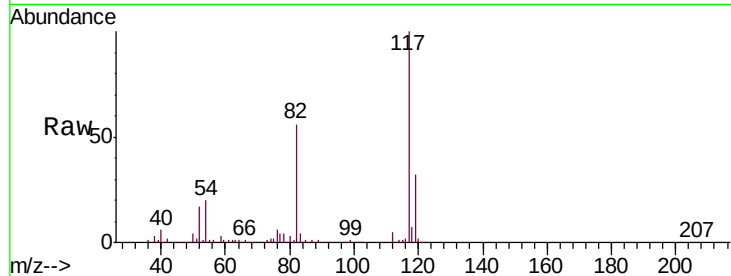




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

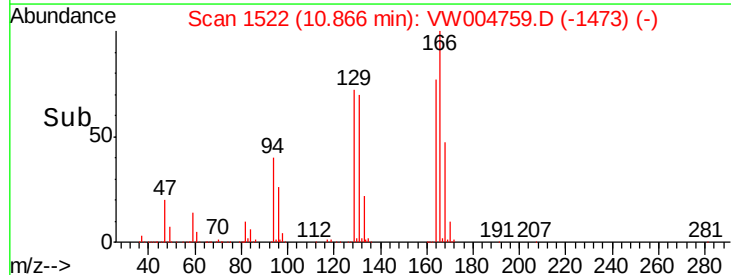
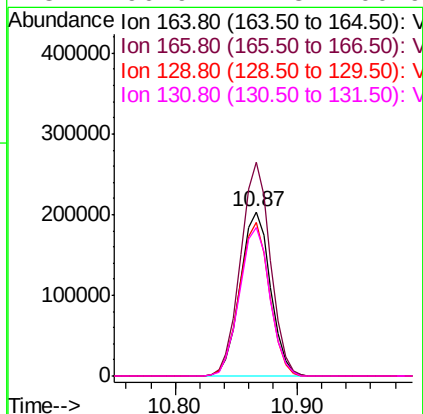
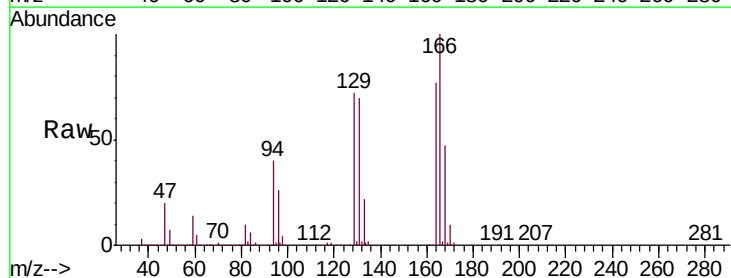
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

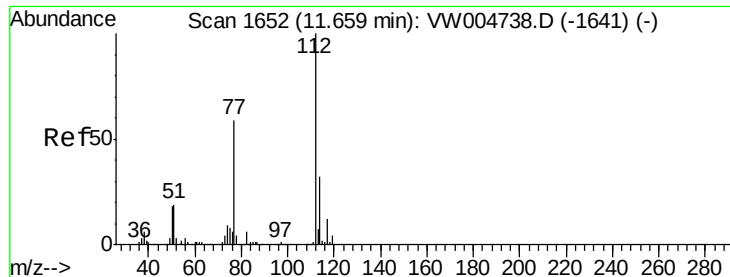
Tgt Ion:117 Resp: 921049
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 55.492 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:164 Resp: 349299
Ion Ratio Lower Upper
164 100
166 130.3 102.5 153.7
129 93.5 75.1 112.7
131 90.9 71.3 106.9

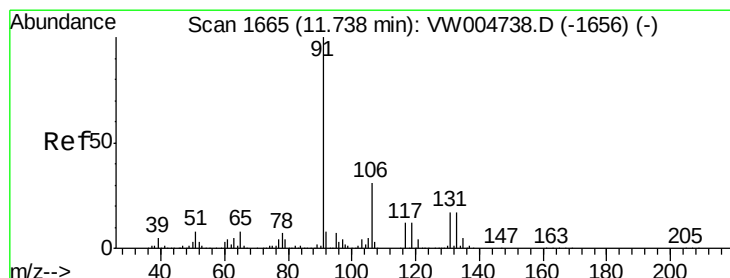
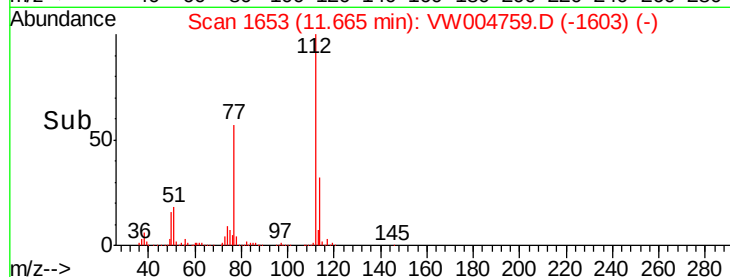
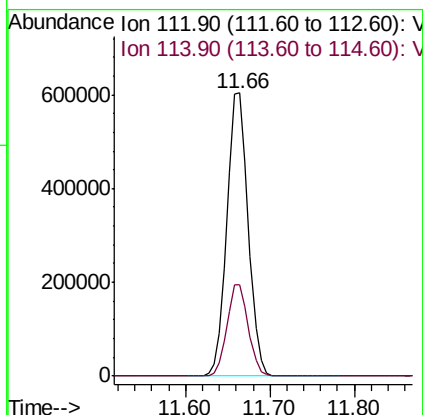
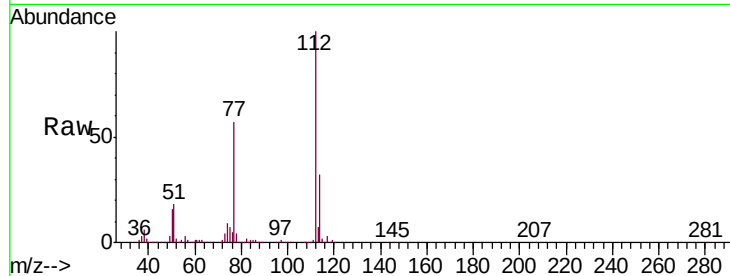




#65
Chlorobenzene
Concen: 52.611 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

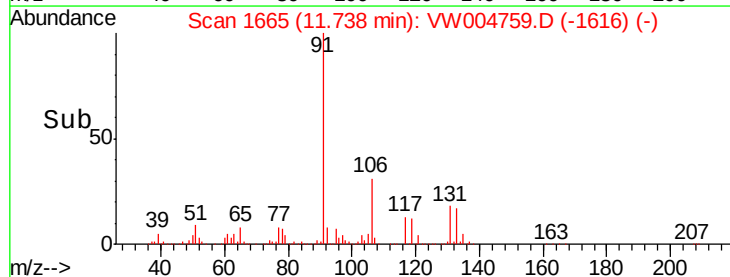
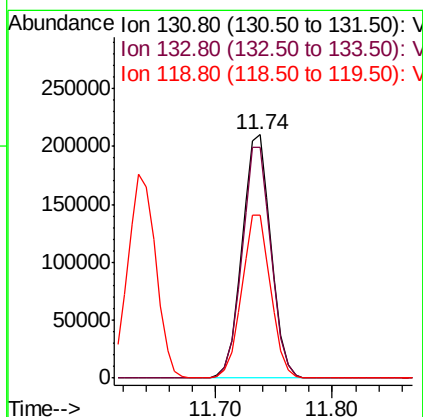
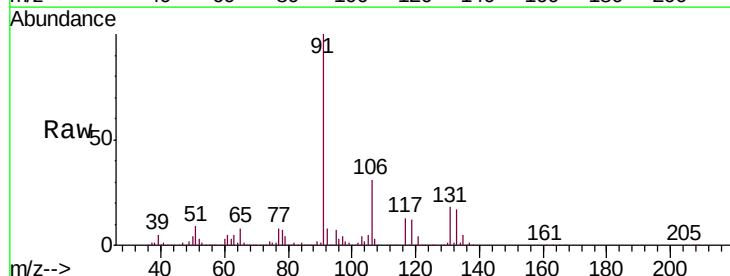
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

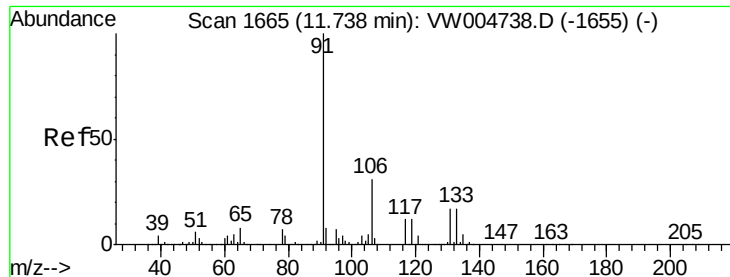
Tgt Ion:112 Resp: 1042956
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.006 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:131 Resp: 361492
Ion Ratio Lower Upper
131 100
133 95.4 48.2 144.6
119 67.4 34.0 102.0

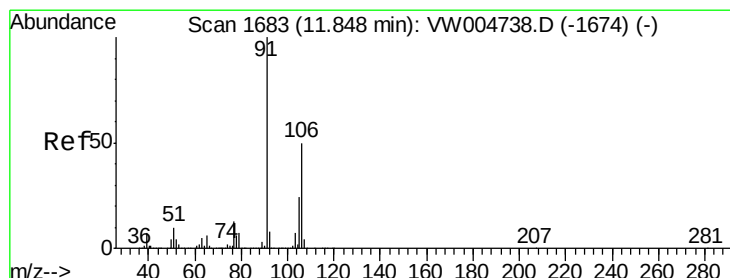
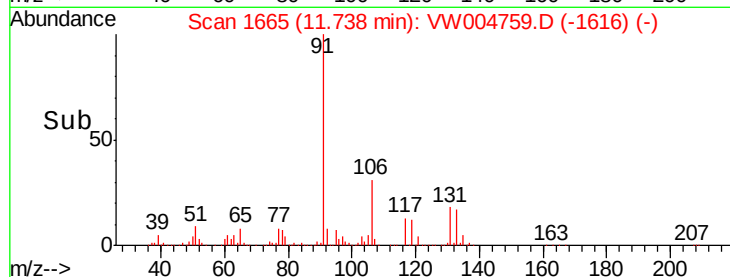
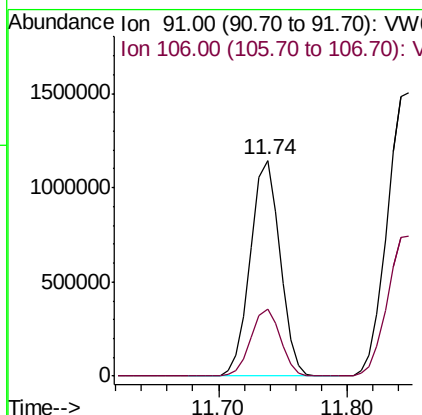
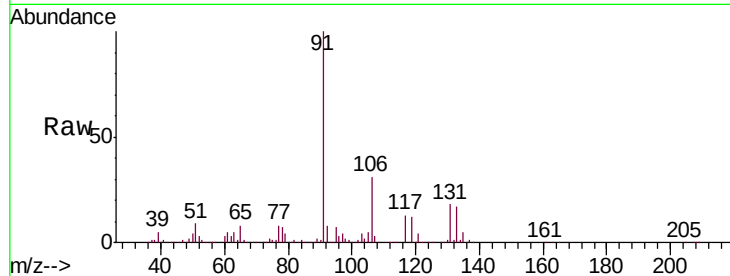




#67
Ethyl Benzene
Concen: 54.232 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

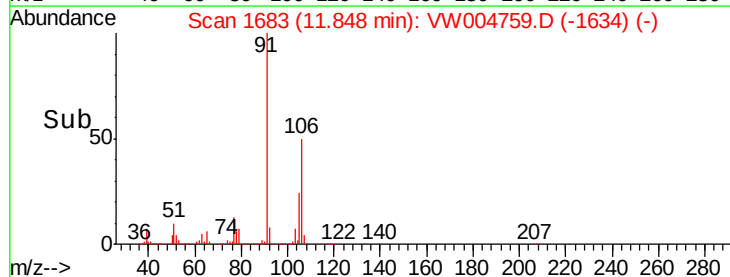
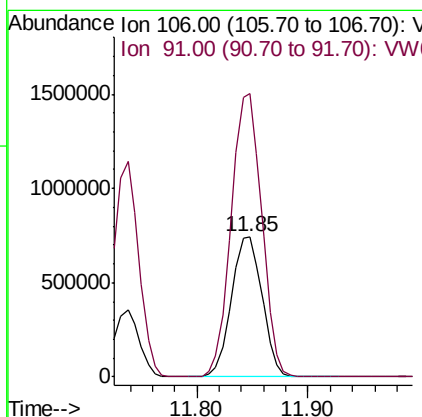
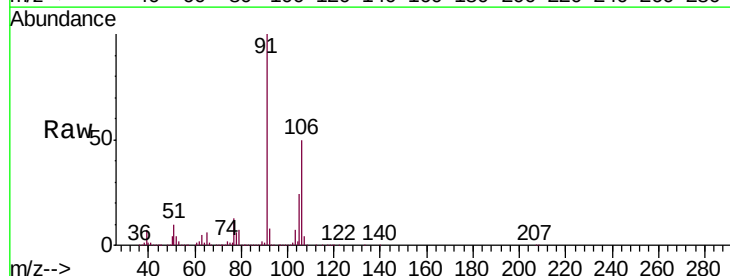
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

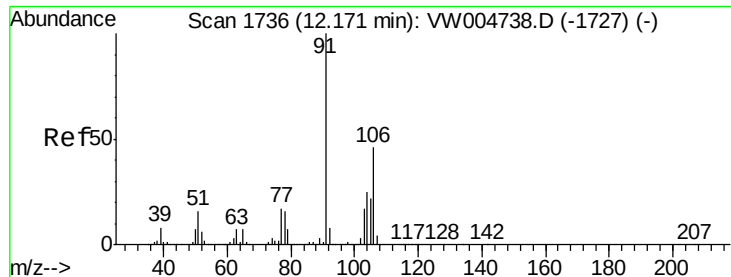
Tgt Ion: 91 Resp: 1822562
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 108.378 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 106 Resp: 1417041
Ion Ratio Lower Upper
106 100
91 201.4 159.9 239.9

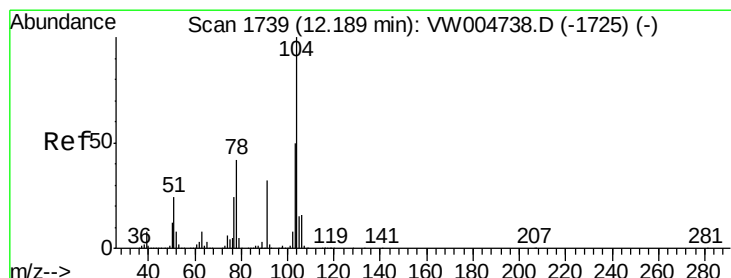
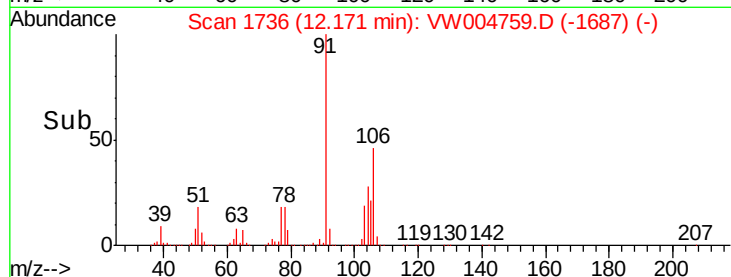
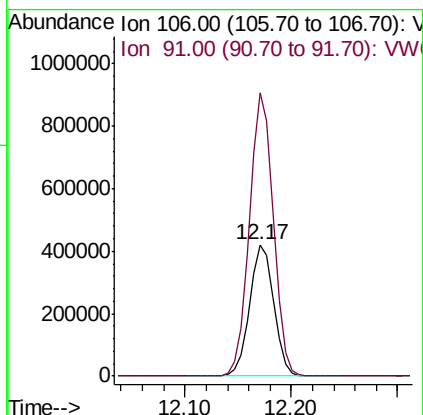
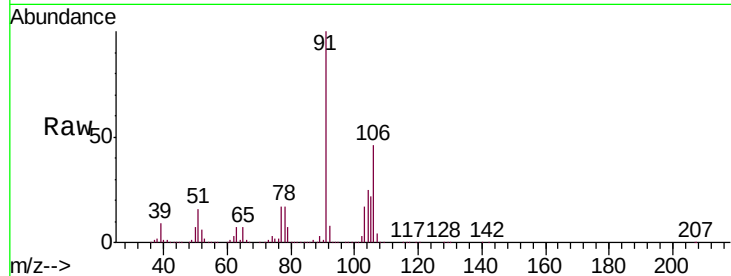




#69
o-Xylene
Concen: 55.395 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

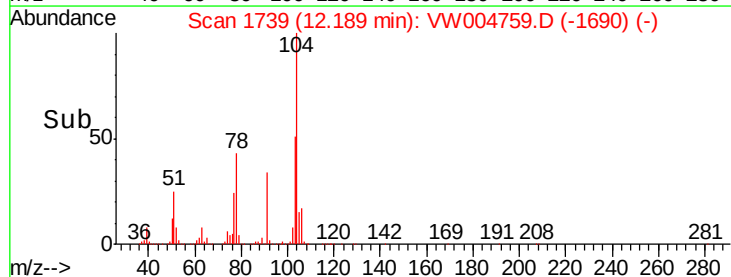
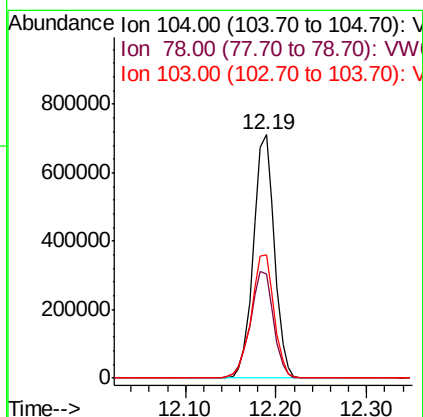
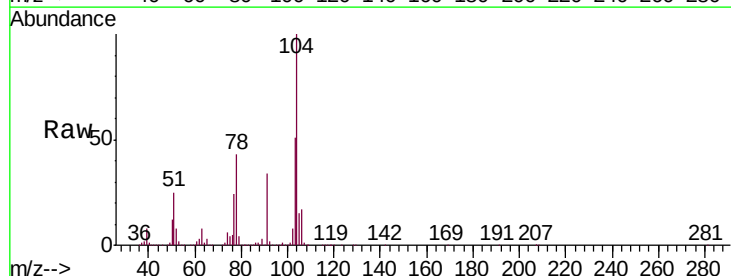
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

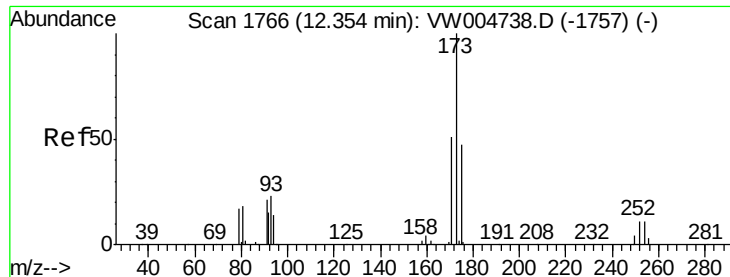
Tgt Ion:106 Resp: 670504
Ion Ratio Lower Upper
106 100
91 213.2 107.3 321.8



#70
Styrene
Concen: 56.103 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:104 Resp: 1140709
Ion Ratio Lower Upper
104 100
78 48.3 38.4 57.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 52.537 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

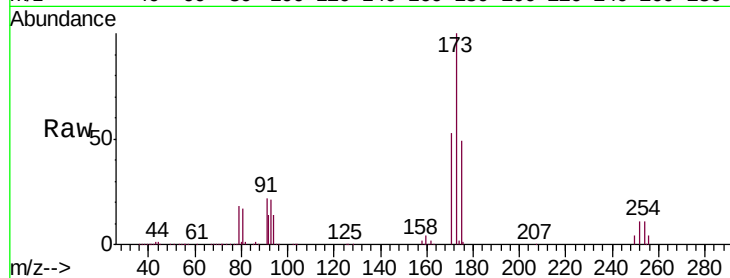
Tgt Ion:173 Resp: 185611

Ion Ratio Lower Upper

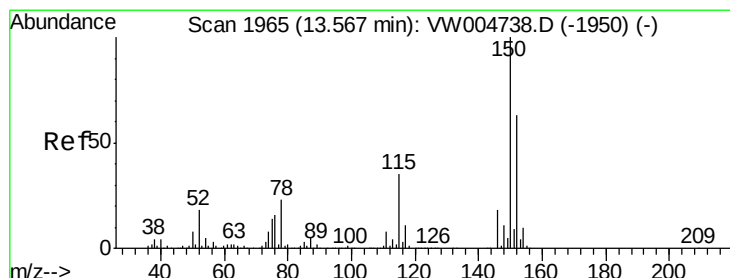
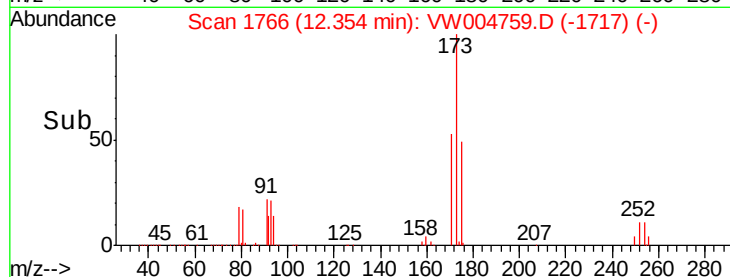
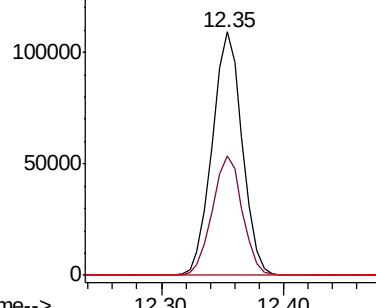
173 100

175 49.1 23.8 71.4

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

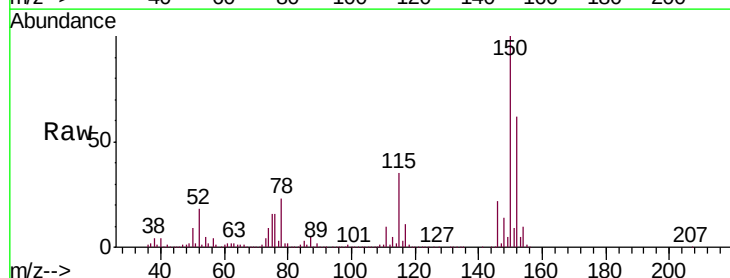
Tgt Ion:152 Resp: 489576

Ion Ratio Lower Upper

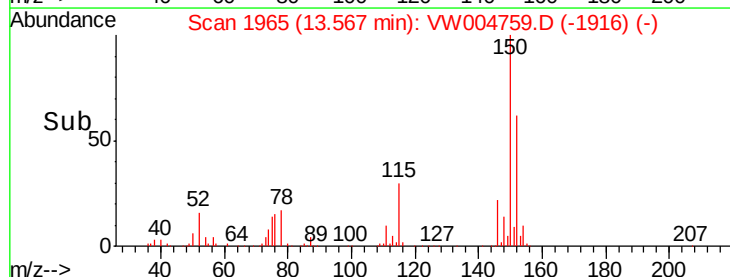
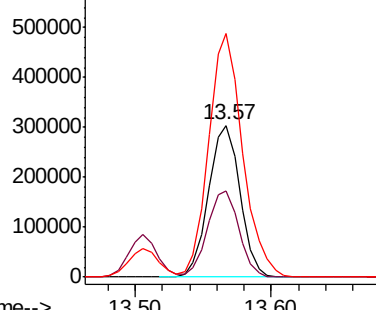
152 100

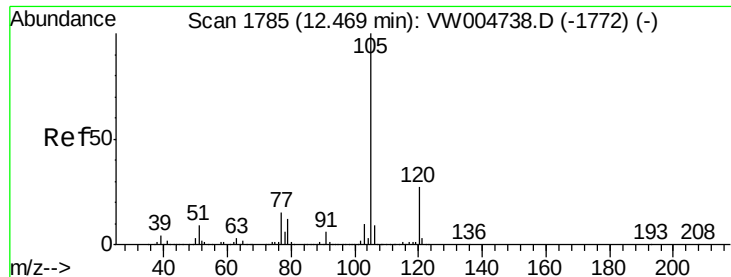
115 57.1 28.5 85.5

150 173.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.896 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

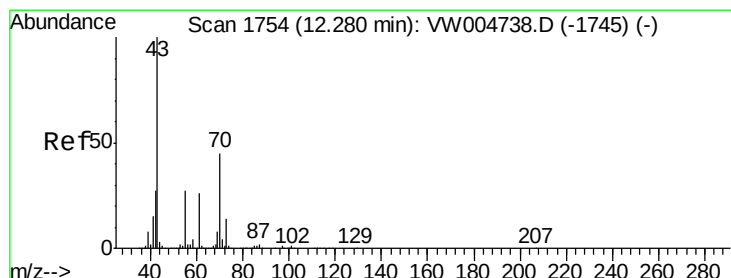
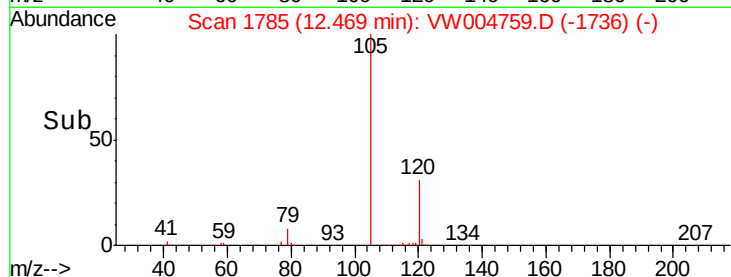
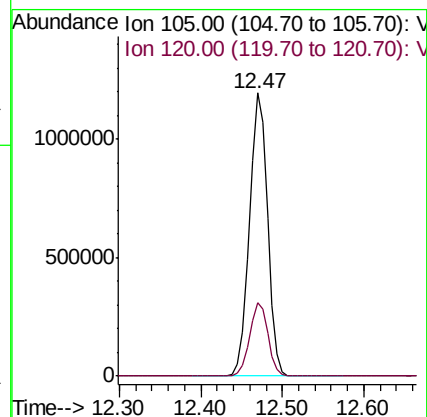
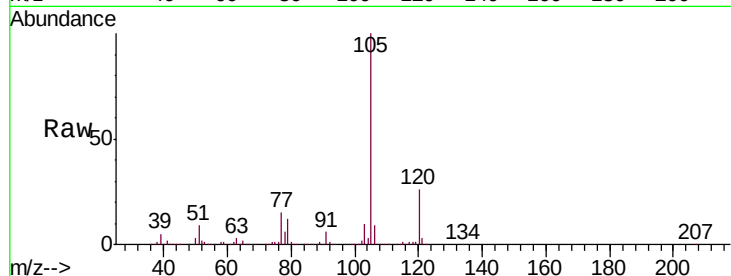
VSTDCCC050

Tgt Ion:105 Resp: 1828410

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 49.333 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion: 43 Resp: 384376

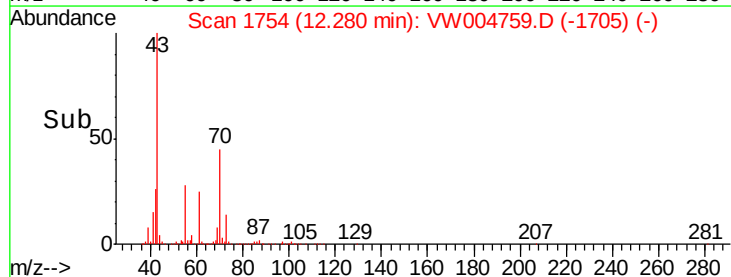
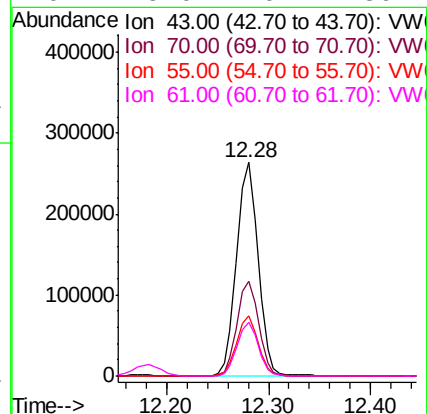
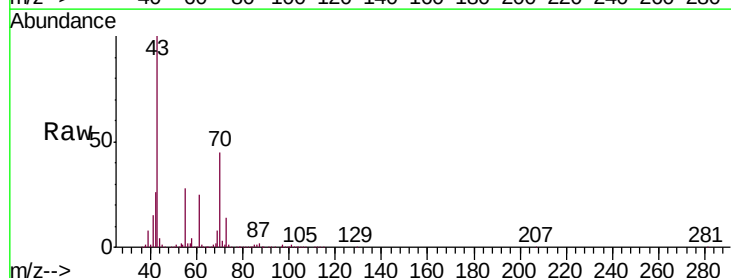
Ion Ratio Lower Upper

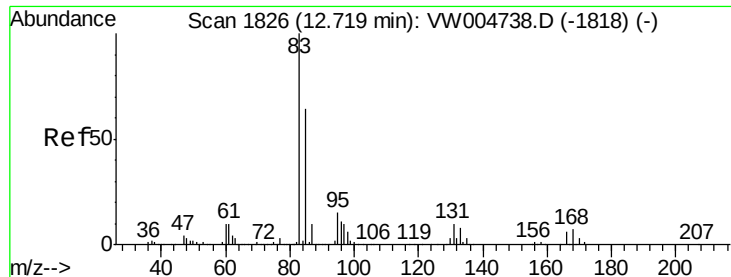
43 100

70 44.7 36.3 54.5

55 28.1 22.6 33.8

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.540 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

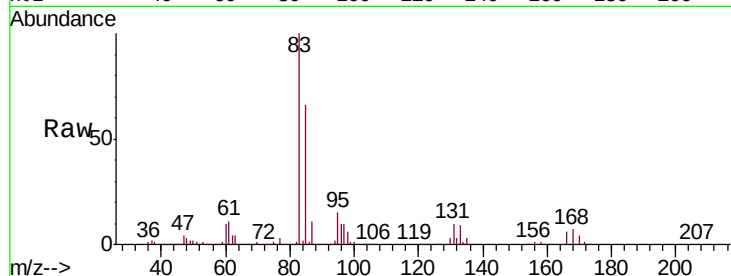
MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 324167

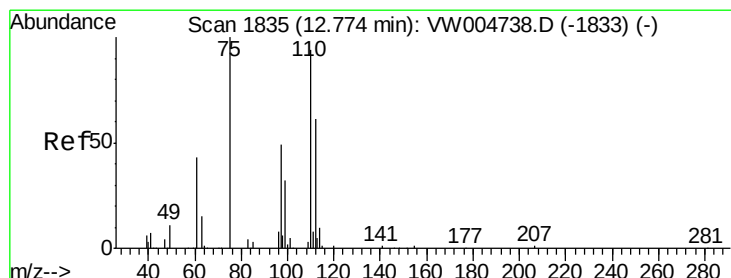
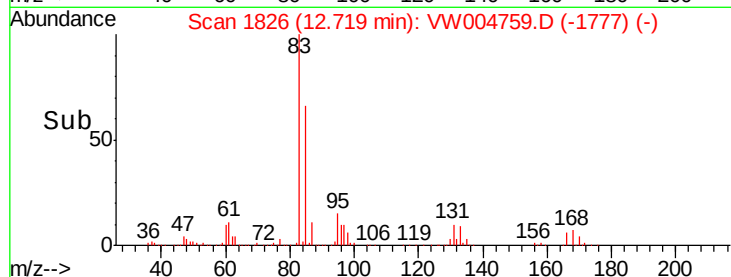
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.8
85	63.9	31.9	95.9



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: 95.002 ug/l

RT: 12.77 min Scan# 1835

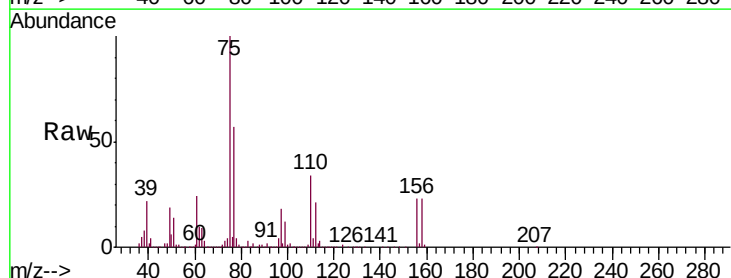
Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

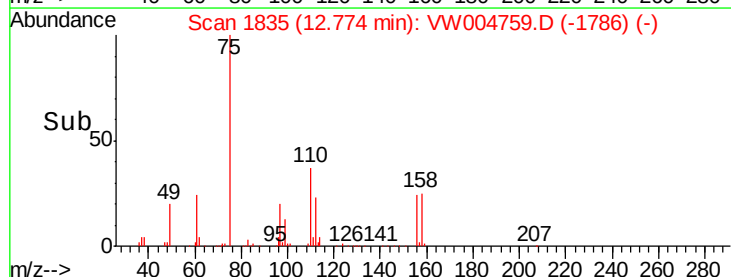
Tgt Ion: 75 Resp: 410001

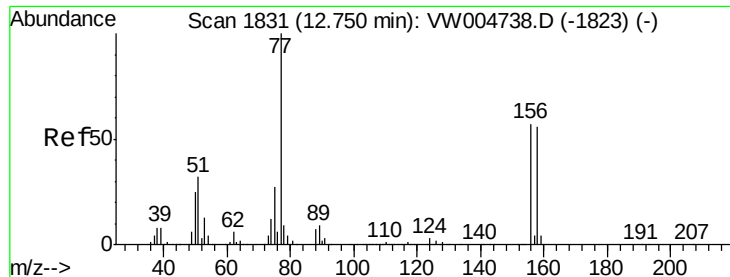
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

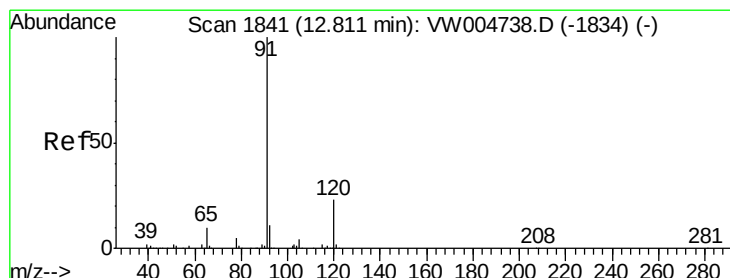
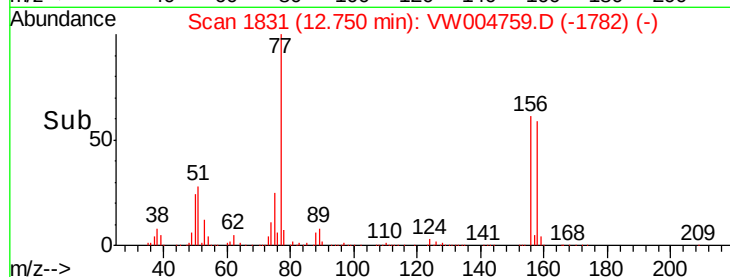
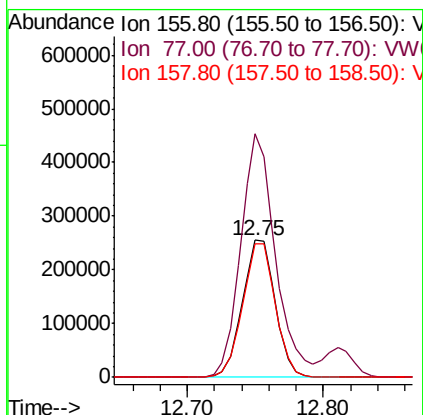
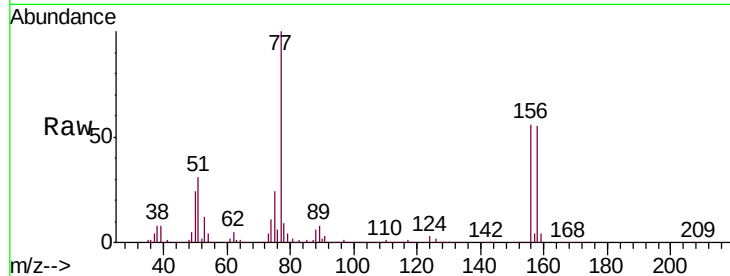




#77
Bromobenzene
Concen: 53.212 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

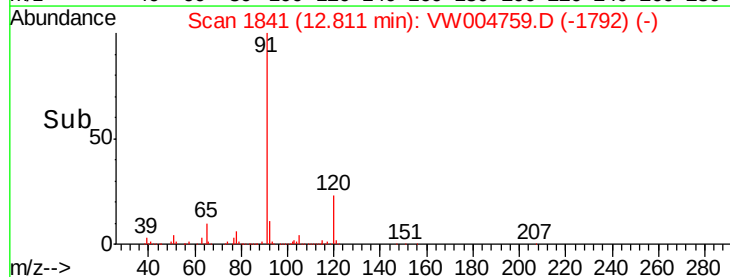
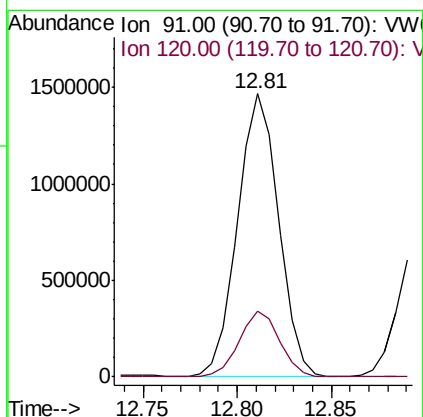
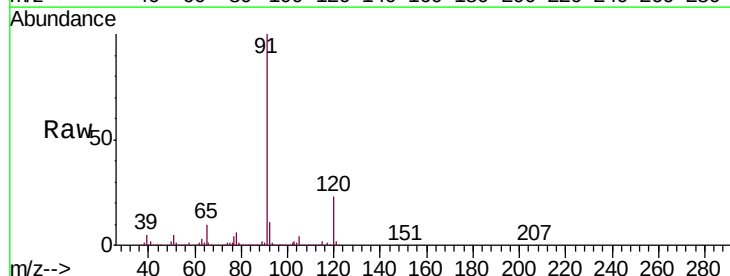
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

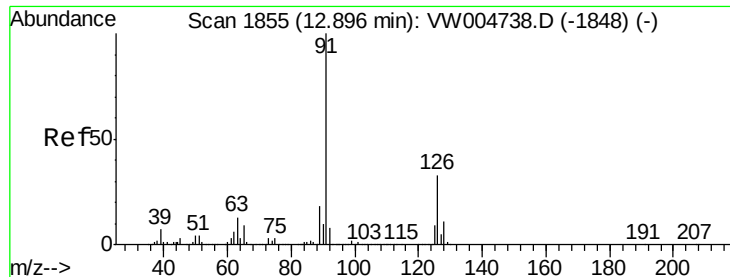
Tgt Ion:156 Resp: 428983
Ion Ratio Lower Upper
156 100
77 187.9 94.2 282.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 54.400 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 91 Resp: 2210995
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2





#79

2-Chlorotoluene

Concen: 54.385 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

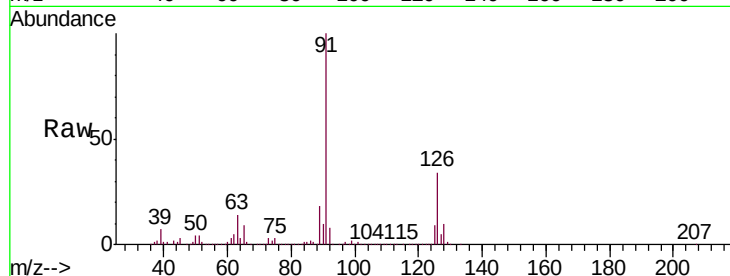
VSTDCCC050

Tgt Ion: 91 Resp: 1274085

Ion Ratio Lower Upper

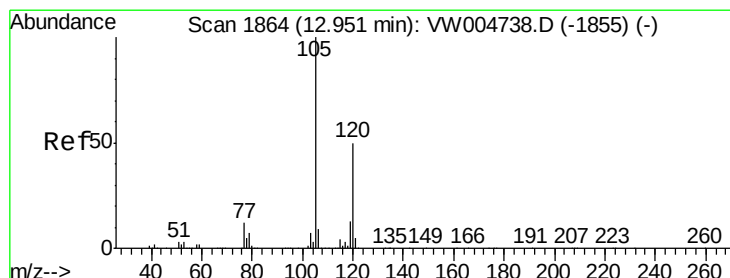
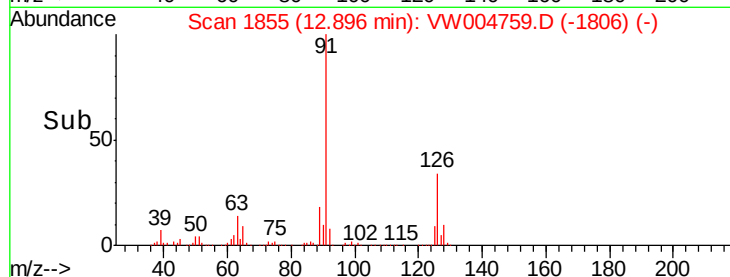
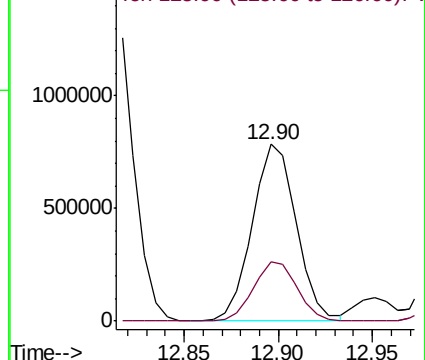
91 100

126 33.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.465 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004759.D

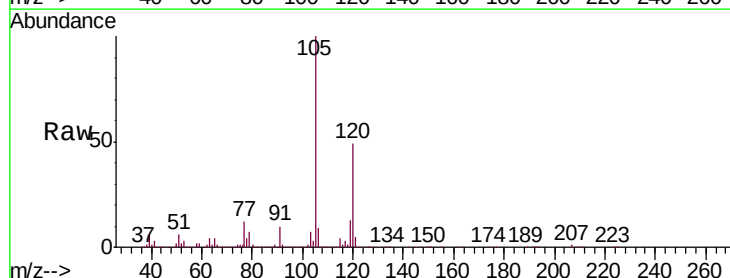
Acq: 18 Aug 2018 04:22

Tgt Ion: 105 Resp: 1569440

Ion Ratio Lower Upper

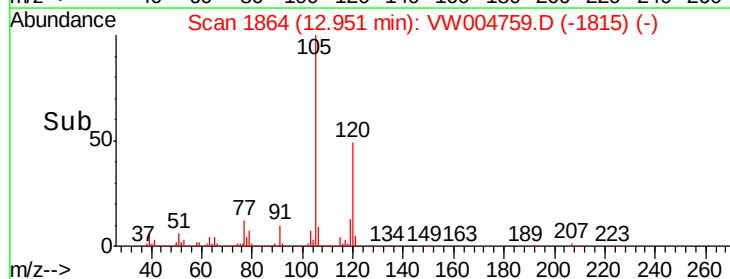
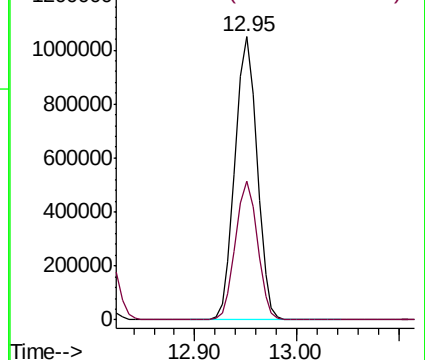
105 100

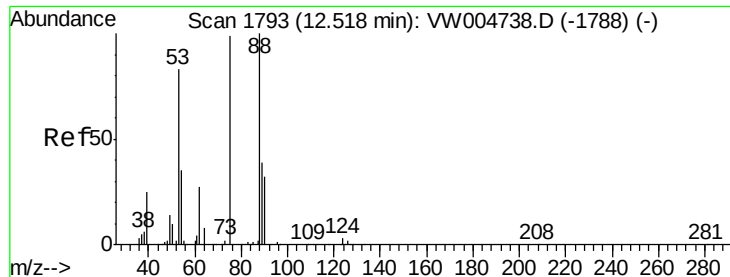
120 49.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

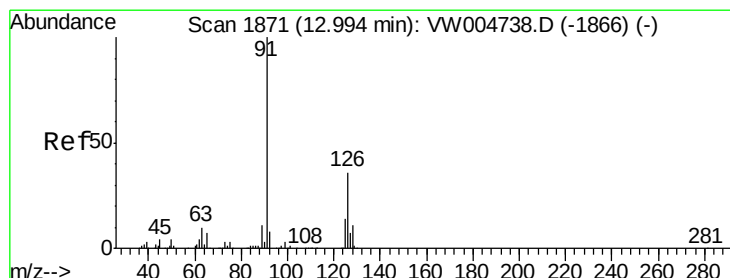
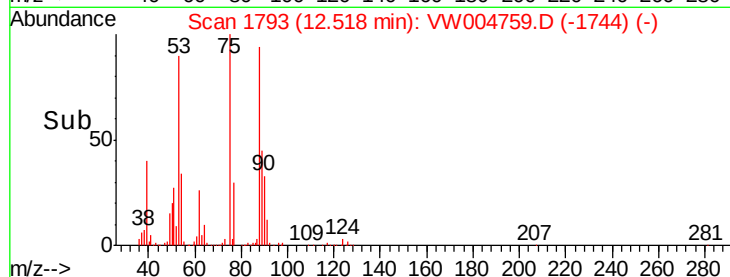
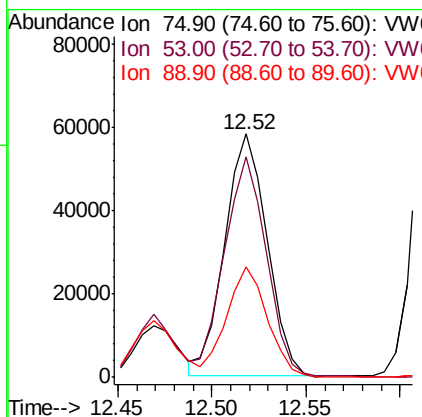
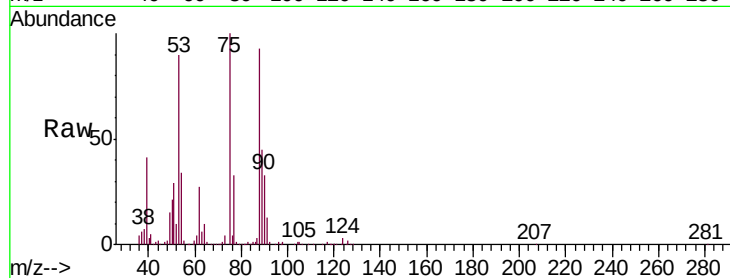




#81
trans-1,4-Dichloro-2-butene
Concen: 48.857 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

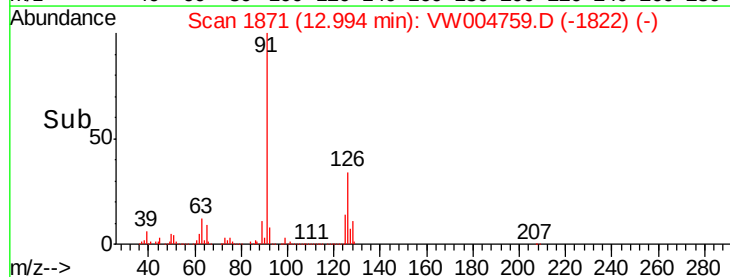
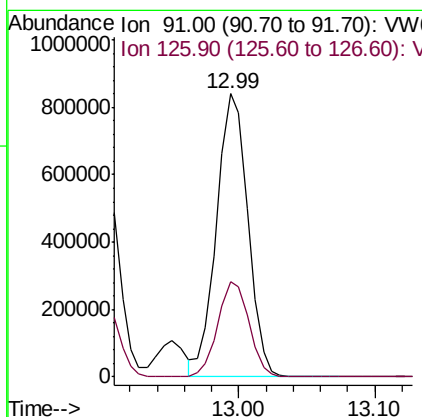
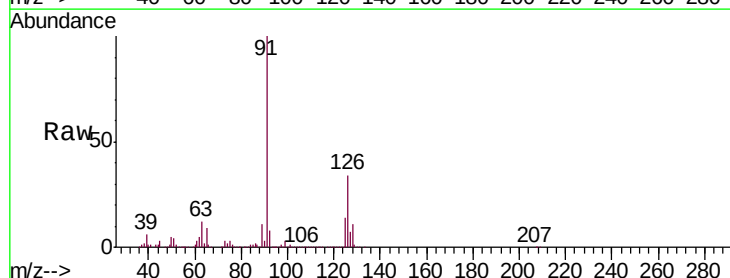
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

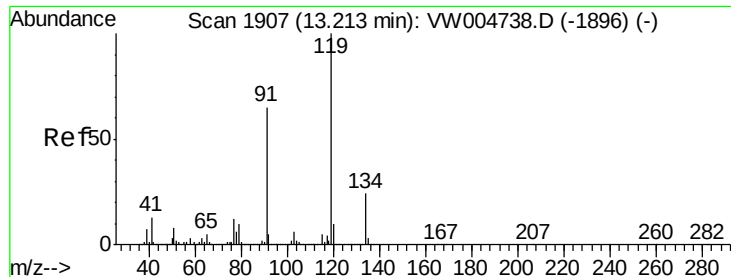
Tgt Ion: 75 Resp: 90718
Ion Ratio Lower Upper
75 100
53 91.1 72.2 108.4
89 43.7 35.2 52.8



#82
4-Chlorotoluene
Concen: 53.860 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 91 Resp: 1340636
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7

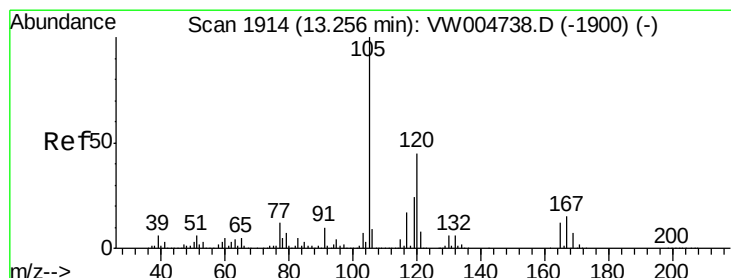
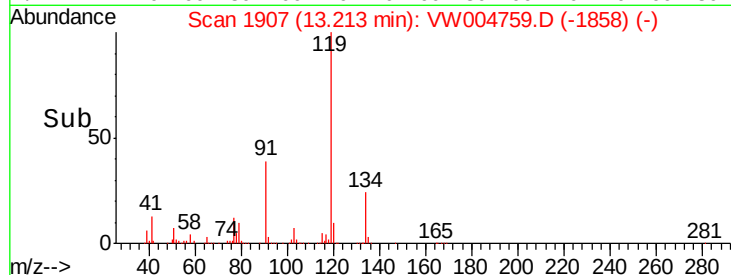
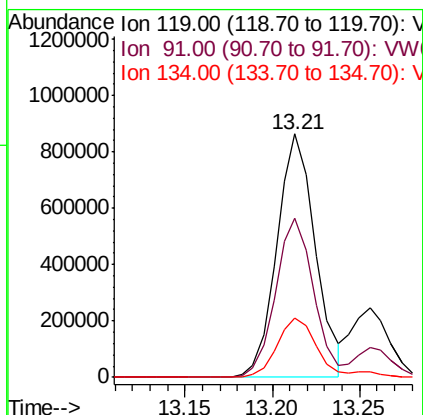
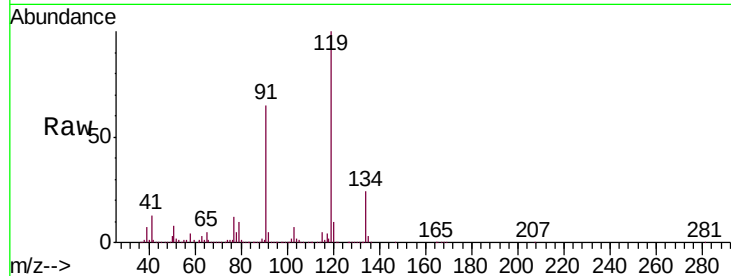




#83
 tert-Butylbenzene
 Concen: 54.851 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

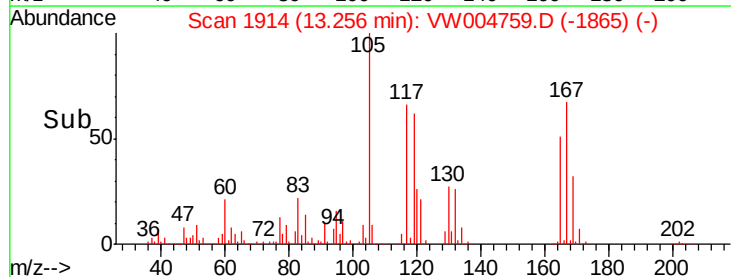
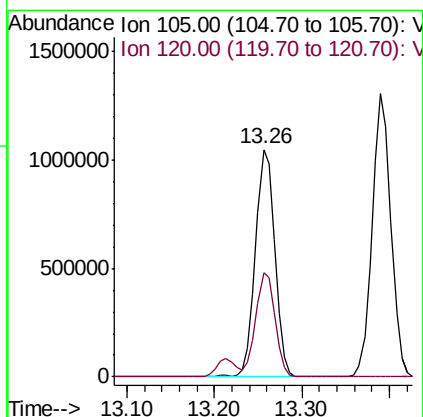
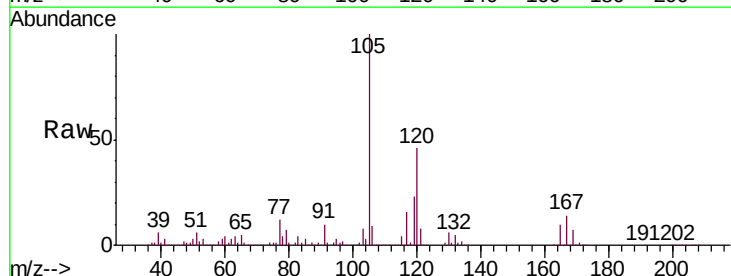
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

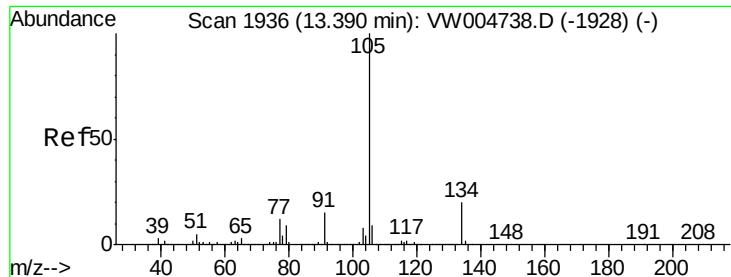
Tgt Ion:119 Resp: 1327513
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.6 97.8
 134 26.3 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.406 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion:105 Resp: 1612962
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.888 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

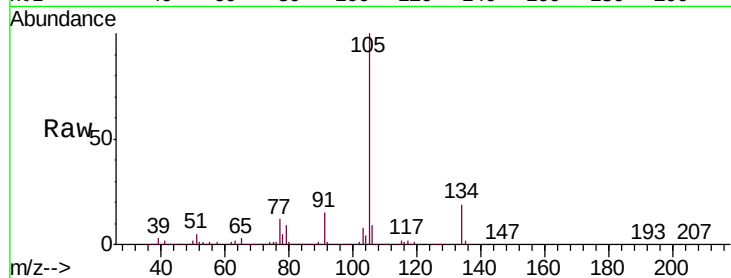
VSTDCCC050

Tgt Ion:105 Resp: 1947213

Ion Ratio Lower Upper

105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

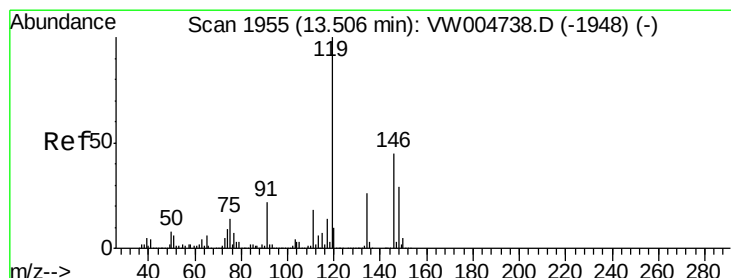
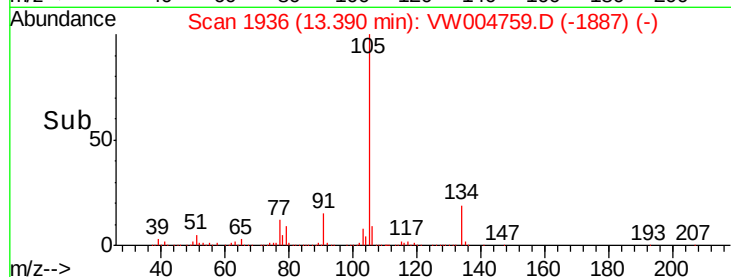
1500000

1000000

500000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 54.407 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

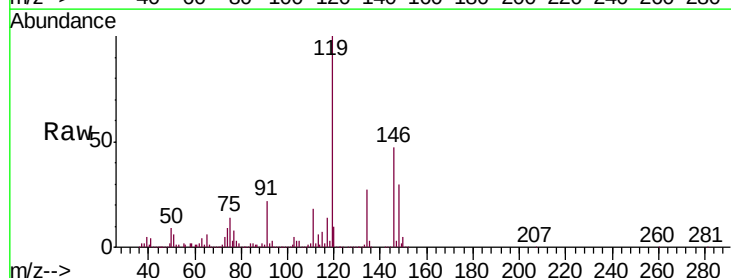
Tgt Ion:119 Resp: 1710590

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

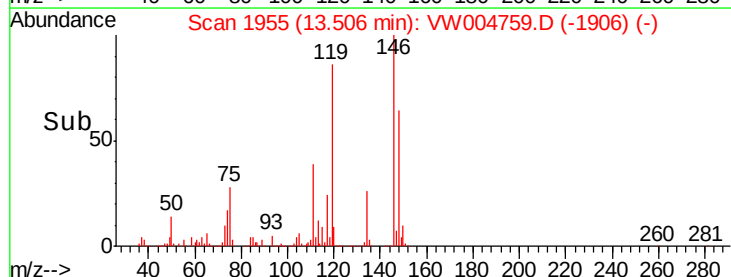
1500000

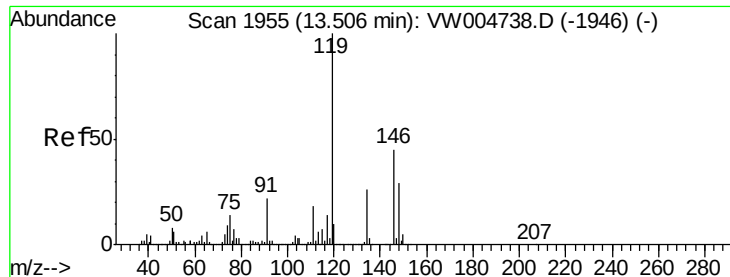
1000000

500000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 53.005 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

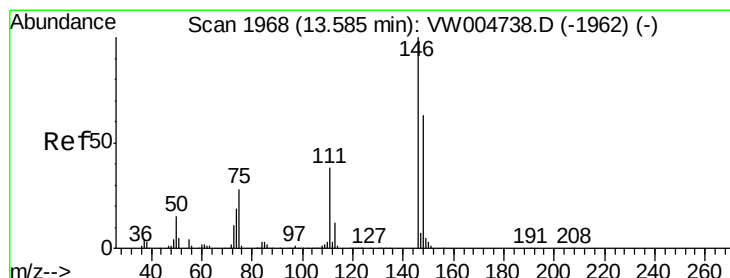
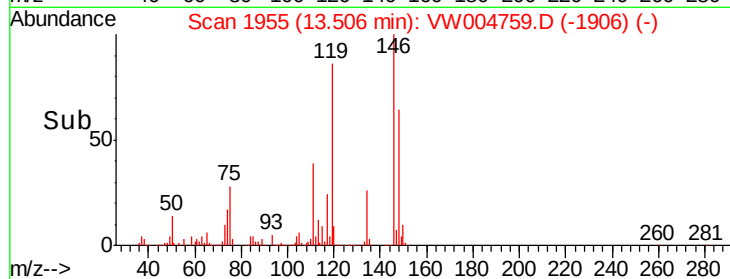
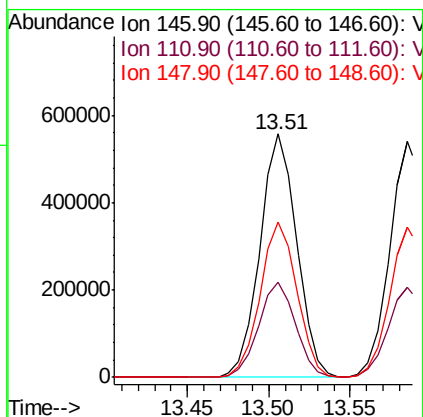
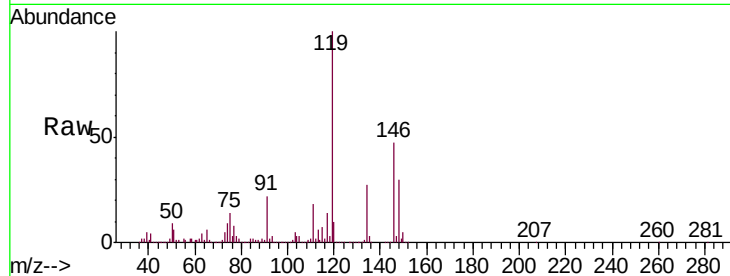
Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 869189

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.4
148	63.8	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 52.099 ug/l

RT: 13.59 min Scan# 1968

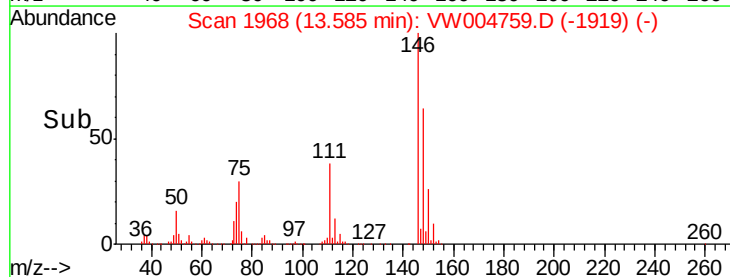
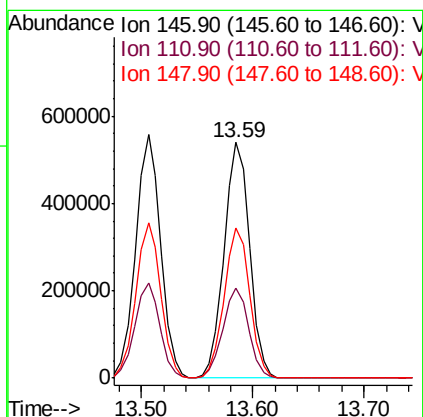
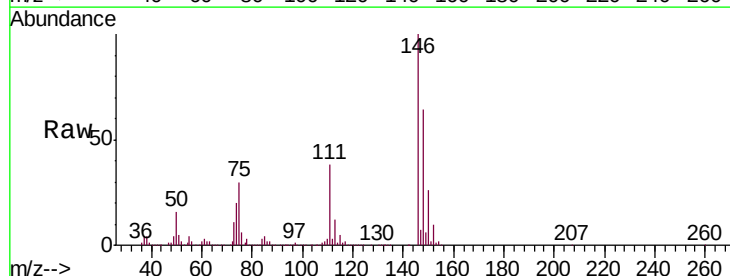
Delta R.T. 0.00 min

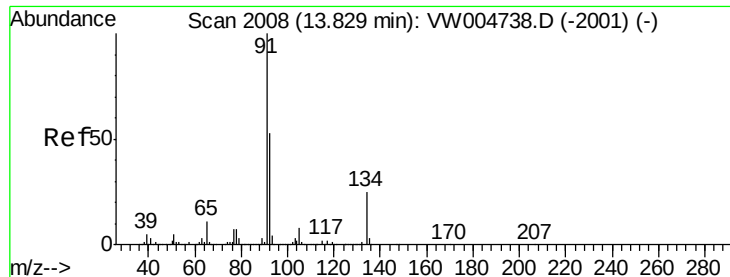
Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:146 Resp: 853986

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.0	31.8	95.3





#89

n-Butylbenzene

Concen: 52.787 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

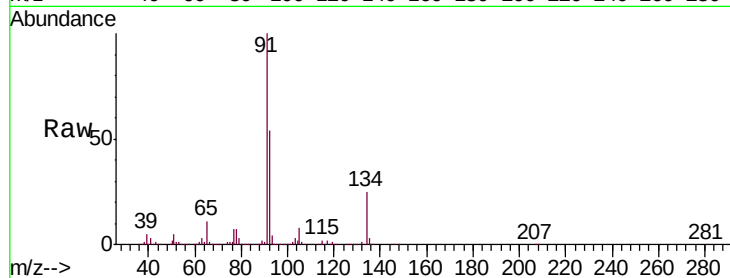
Tgt Ion: 91 Resp: 1604631

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

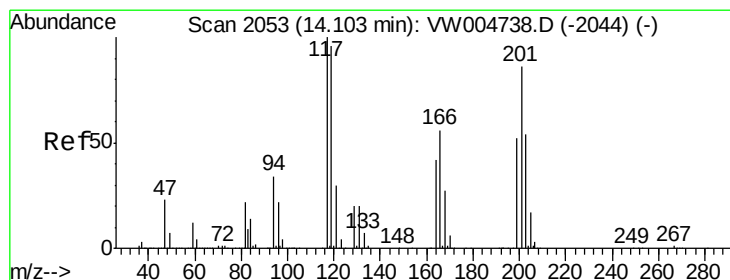
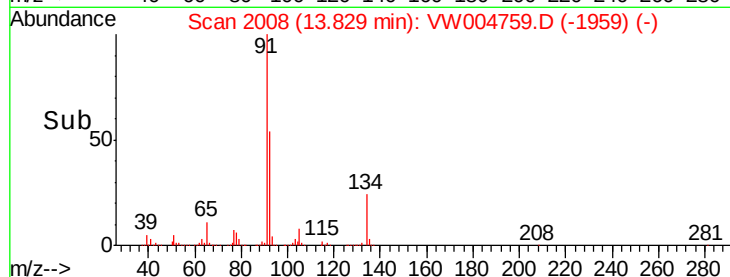
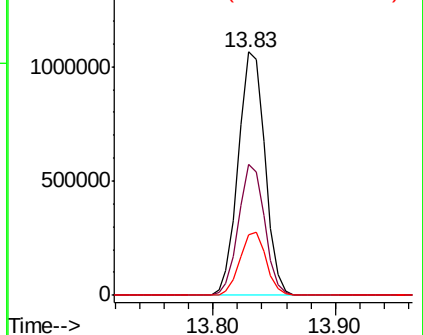
134 25.5 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.356 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004759.D

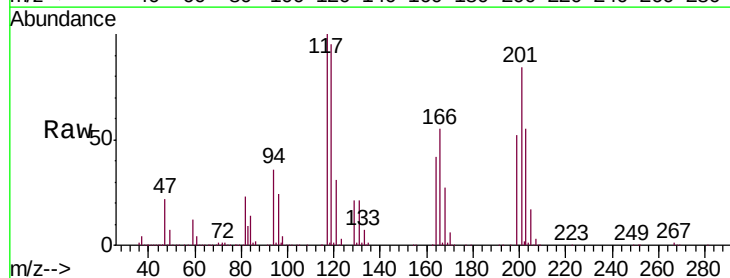
Acq: 18 Aug 2018 04:22

Tgt Ion: 117 Resp: 305775

Ion Ratio Lower Upper

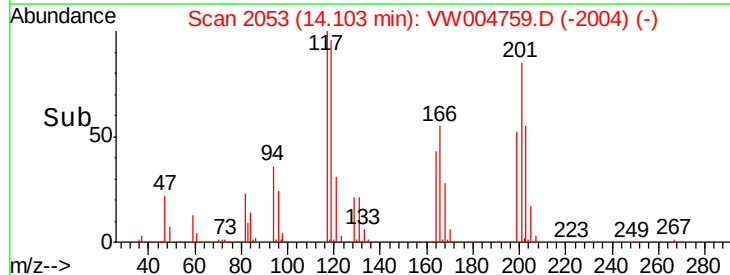
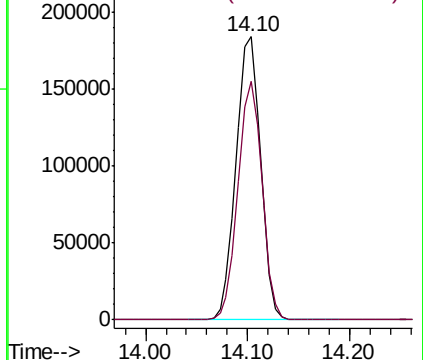
117 100

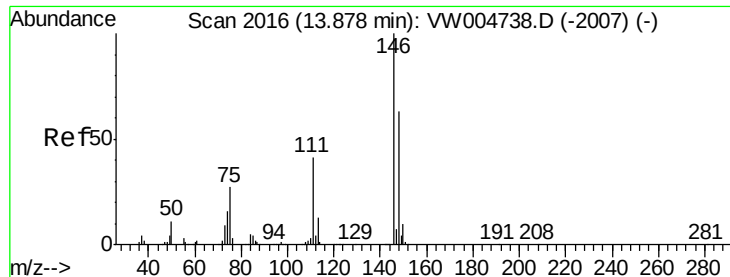
201 82.7 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

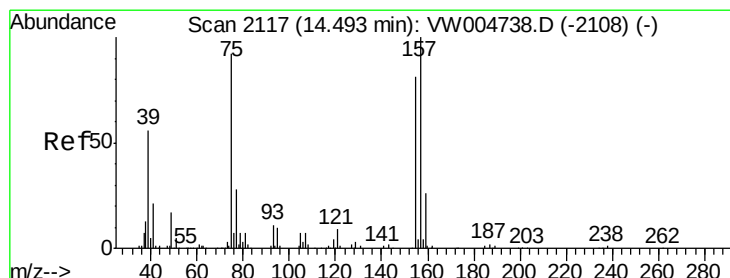
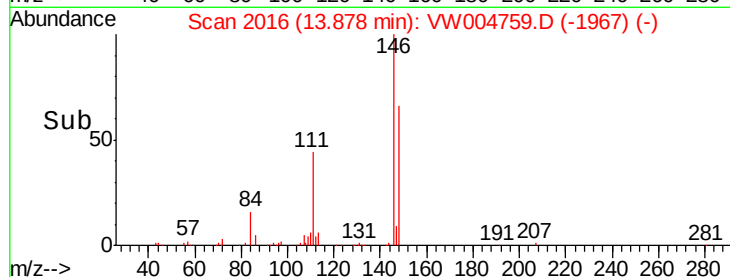
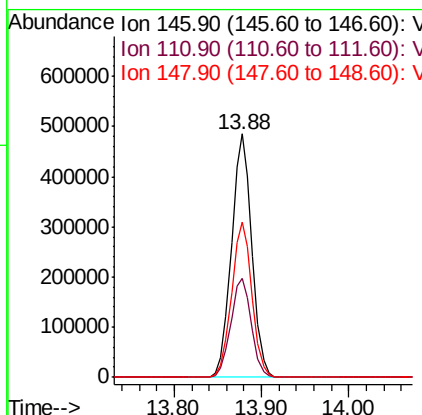
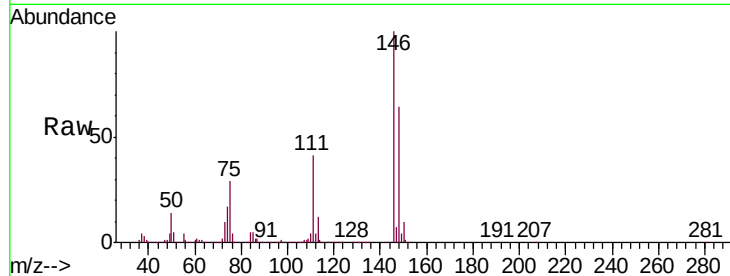




#91
 1,2-Dichlorobenzene
 Concen: 53.111 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

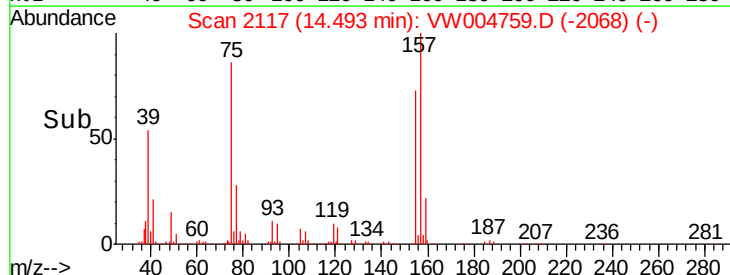
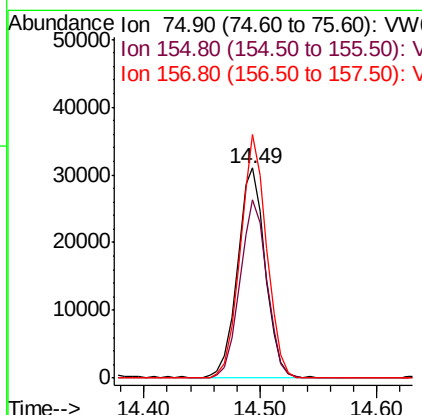
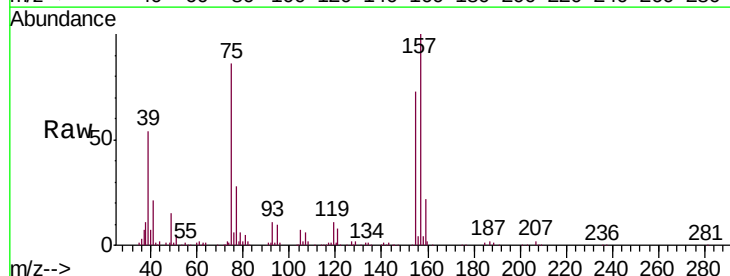
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

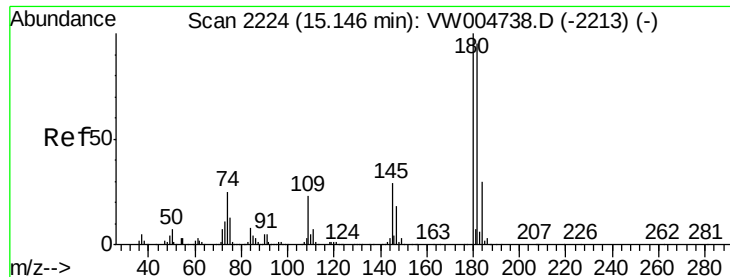
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.477 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	43.3	129.9
157	111.0	54.5	163.6

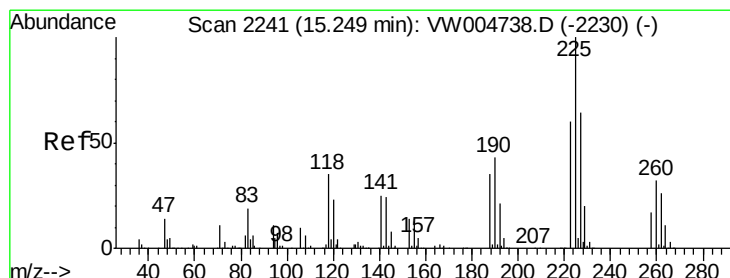
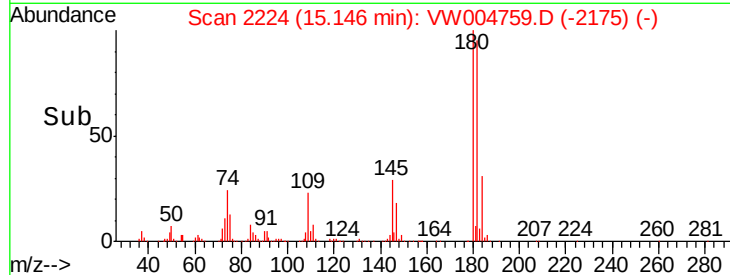
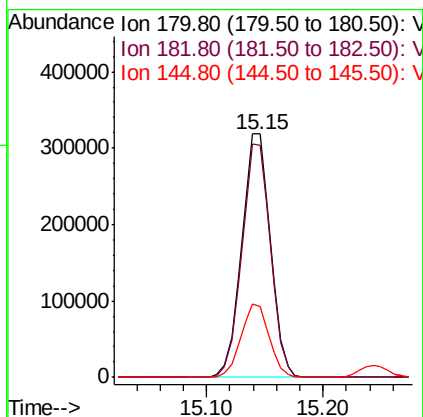
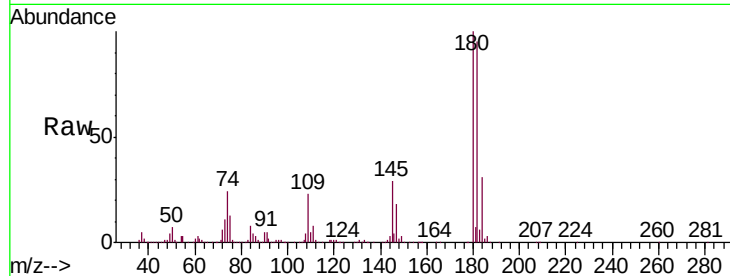




#93
 1,2,4-Trichlorobenzene
 Concen: 52.544 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

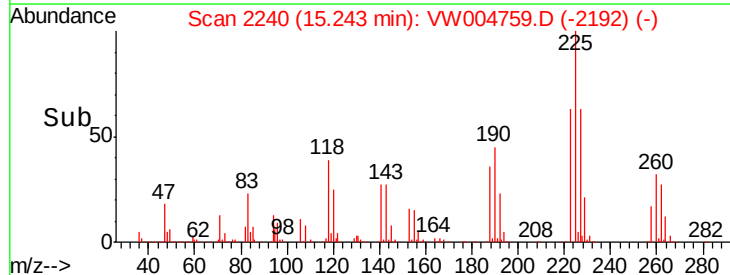
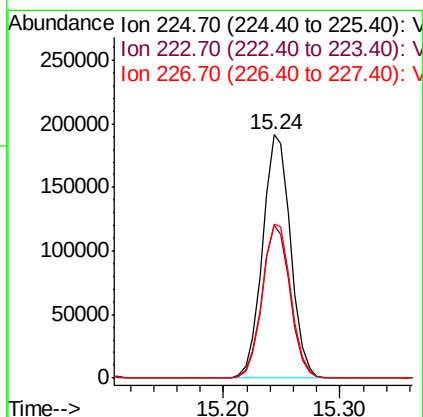
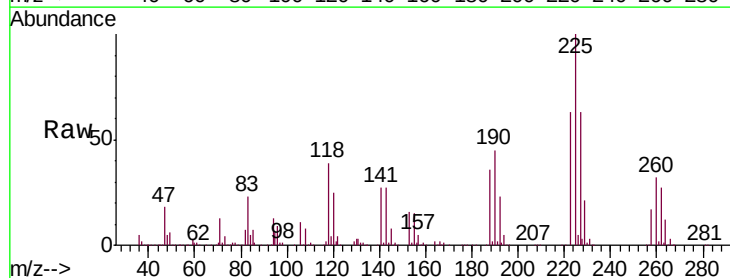
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

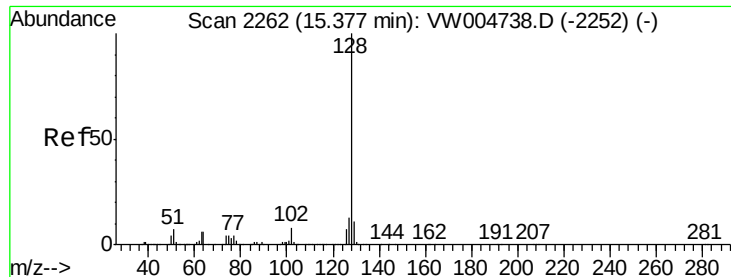
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	29.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 50.096 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.5
227	64.1	32.0	96.0

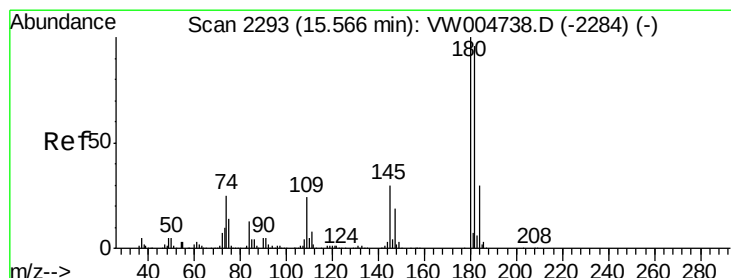
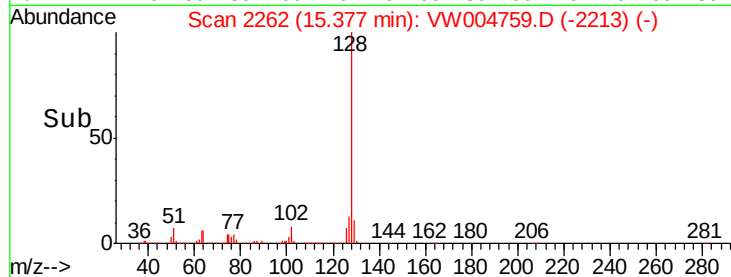
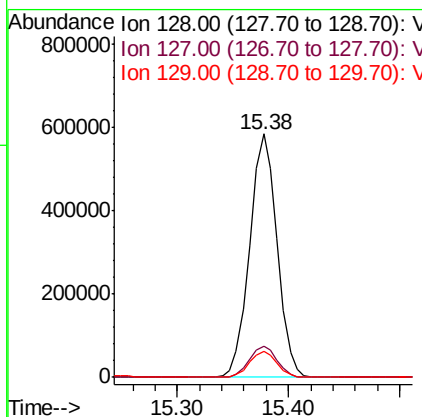
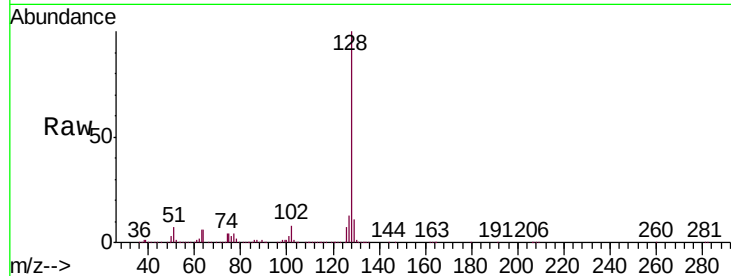




#95
Naphthalene
Concen: 49.593 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1000389
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.486 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:180 Resp: 494102
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 31.1 15.4 46.1

