

Data File : VW008329.D
Acq On : 17 Jan 2019 15:22
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Quant Time: Jan 18 01:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	59419	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	60796	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	241628	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	84886	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35305	46.748	ug/l	97
3) Chloromethane	2.21	50	54154	48.916	ug/l	96
4) Vinyl Chloride	2.37	62	69733	49.298	ug/l	91
5) Bromomethane	2.78	94	50727	47.321	ug/l	95
6) Chloroethane	2.93	64	46258	49.962	ug/l	97
7) Trichlorofluoromethane	3.26	101	53545	51.554	ug/l	94
8) Diethyl Ether	3.68	74	34678	48.149	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63077	52.164	ug/l	98
10) Methyl Iodide	4.27	142	103929	53.292	ug/l	98
11) Tert butyl alcohol	5.17	59	20414	243.176	ug/l	99
12) 1,1-Dichloroethene	4.03	96	63298	51.469	ug/l	96
13) Acrolein	3.89	56	24145	276.877	ug/l	95
14) Allyl chloride	4.67	41	108354	52.701	ug/l	100
15) Acrylonitrile	5.37	53	67812	245.108	ug/l	99
16) Acetone	4.12	43	79245	273.681	ug/l	99
17) Carbon Disulfide	4.37	76	202015	53.982	ug/l	100
18) Methyl Acetate	4.67	43	34107	44.096	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	96954	51.499	ug/l	99
20) Methylene Chloride	4.92	84	67727	50.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	71245	51.579	ug/l	96
22) Diisopropyl ether	6.31	45	207015	51.573	ug/l	99
23) Vinyl Acetate	6.26	43	575775	268.345	ug/l	99
24) 1,1-Dichloroethane	6.21	63	124325	50.869	ug/l	99
25) 2-Butanone	7.17	43	94763	255.523	ug/l	99
26) 2,2-Dichloropropane	7.16	77	80035	51.315	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	76331	51.005	ug/l	98
28) Bromochloromethane	7.51	49	49388	49.048	ug/l #	100
29) Tetrahydrofuran	7.53	42	57900	250.433	ug/l	99
30) Chloroform	7.68	83	123124	50.917	ug/l	99
31) Cyclohexane	7.96	56	116215	49.907	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	103446	50.973	ug/l	99
36) 1,1-Dichloropropene	8.08	75	100149	52.725	ug/l	99
37) Ethyl Acetate	7.26	43	39067	49.875	ug/l	99
38) Carbon Tetrachloride	8.07	117	97465	51.964	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	124765	55.220	ug/l	97
40) Benzene	8.32	78	282817	52.563	ug/l	100
41) Methacrylonitrile	7.48	41	22172	48.625	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73715	48.995	ug/l	97
43) Isopropyl Acetate	8.43	43	76062	51.408	ug/l	99
44) Trichloroethene	9.09	130	76672	52.012	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68571	51.306	ug/l	98
46) Dibromomethane	9.46	93	36350	52.183	ug/l	96
47) Bromodichloromethane	9.65	83	89299	51.971	ug/l	98
48) Methyl methacrylate	9.44	41	36609	52.560	ug/l	99
49) 1,4-Dioxane	9.44	88	10907	972.656	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	194733	259.922	ug/l	99
52) Toluene	10.39	92	180429	52.989	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	91409	53.302	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	107508	53.180	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49571	51.307	ug/l	97
56) Ethyl methacrylate	10.65	69	60028	52.903	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87205	51.983	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	145013	264.953	ug/l	99
59) 2-Hexanone	10.97	43	141422	269.409	ug/l	99
60) Dibromochloromethane	11.13	129	60754	52.688	ug/l	99
61) 1,2-Dibromoethane	11.24	107	48436	51.771	ug/l	99
64) Tetrachloroethene	10.87	164	64761	53.194	ug/l	99
65) Chlorobenzene	11.66	112	197163	52.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	68277	52.381	ug/l	98
67) Ethyl Benzene	11.73	91	345708	52.572	ug/l	99
68) m/p-Xylenes	11.84	106	273035	106.972	ug/l	100
69) o-Xylene	12.17	106	128706	53.974	ug/l	99
70) Styrene	12.18	104	207428	54.154	ug/l	99
71) Bromoform	12.35	173	34206	52.679	ug/l #	97
73) Isopropylbenzene	12.47	105	347849	54.744	ug/l	99
74) N-amyl acetate	12.27	43	71499	52.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54657	50.572	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	72441	91.219	ug/l	30
77) Bromobenzene	12.75	156	80946	53.036	ug/l	99
78) n-propylbenzene	12.81	91	413704	53.792	ug/l	100
79) 2-Chlorotoluene	12.90	91	232269	52.858	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	285114	53.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17683	53.138	ug/l	97
82) 4-Chlorotoluene	12.99	91	241602	52.615	ug/l	99
83) tert-Butylbenzene	13.21	119	254486	54.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	290405	53.764	ug/l	98
85) sec-Butylbenzene	13.39	105	353165	52.707	ug/l	98
86) p-Isopropyltoluene	13.51	119	315069	53.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	158112	52.140	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	159419	52.473	ug/l	100
89) n-Butylbenzene	13.83	91	303865	54.130	ug/l	100
90) Hexachloroethane	14.10	117	57212	52.826	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	140727	52.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8767	49.608	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	99628	54.970	ug/l	99
94) Hexachlorobutadiene	15.24	225	55879	54.706	ug/l	97
95) Naphthalene	15.38	128	169469	50.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	85244	53.998	ug/l	100

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

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Sample : VSTDICV050

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 8      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
ICVVW011719

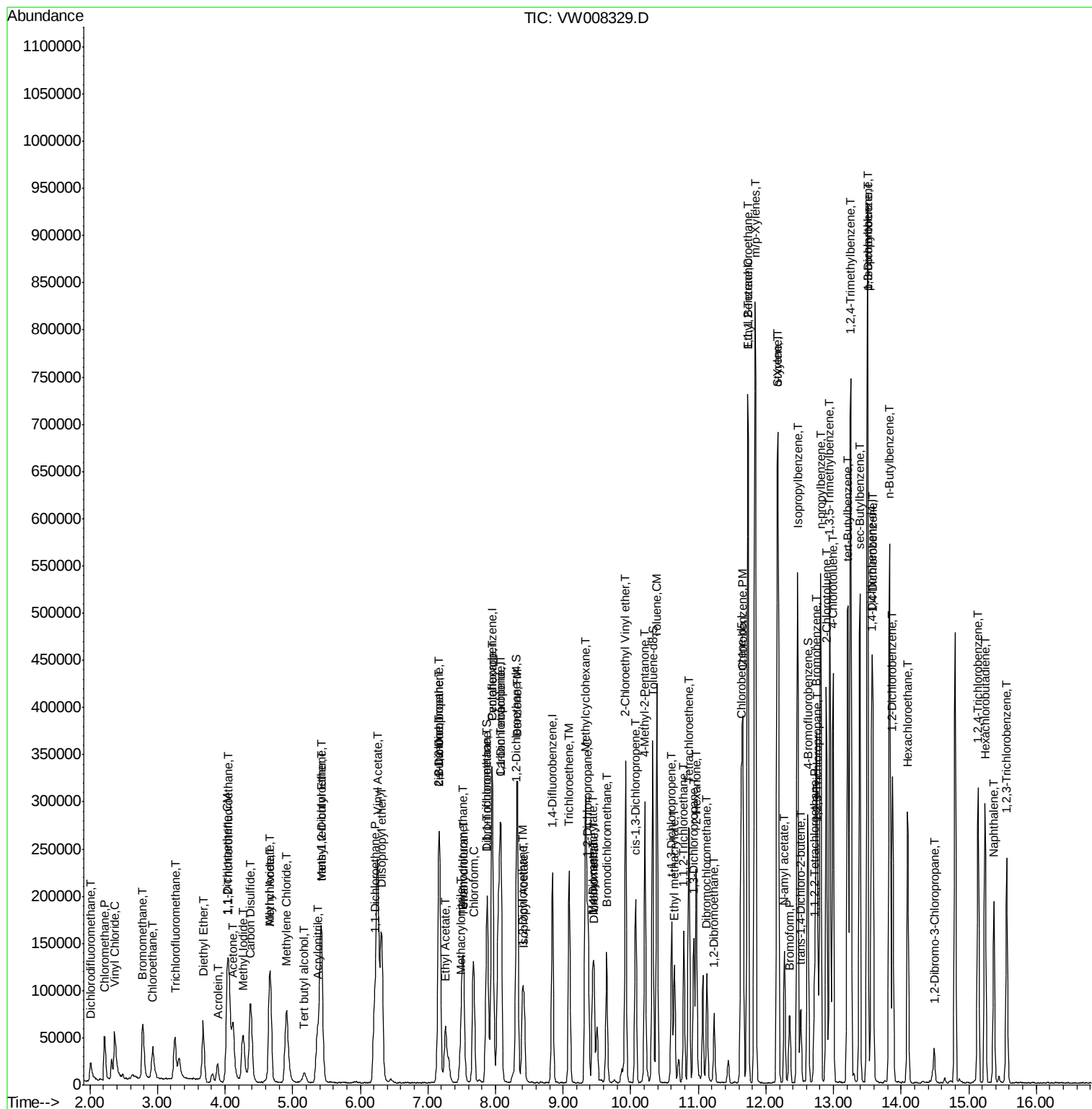
Quant Time: Jan 18 01:04:12 2019

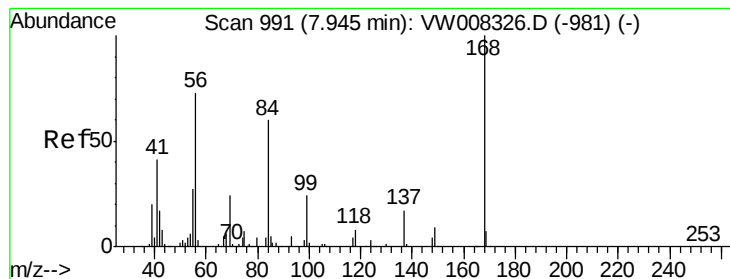
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W011719S.M

Quant Title : SW846 8260

QLast Update : Fri Jan 18 00:57:07 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

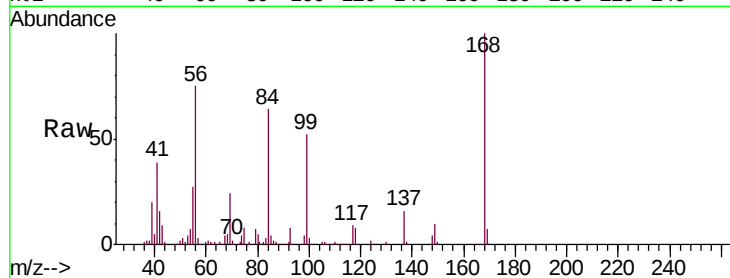
ICVW011719

Tgt Ion:168 Resp: 119858

Ion Ratio Lower Upper

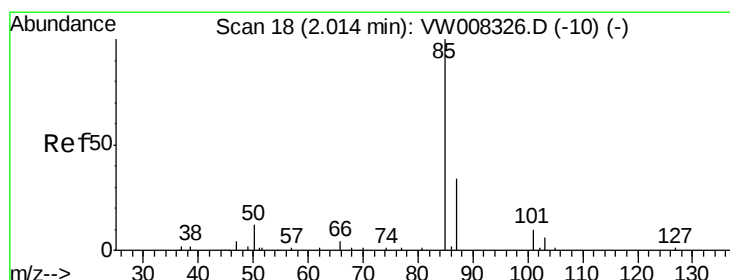
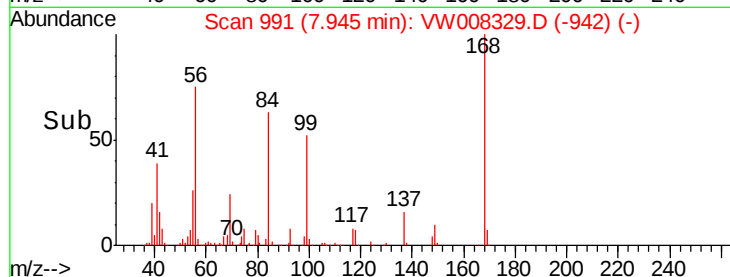
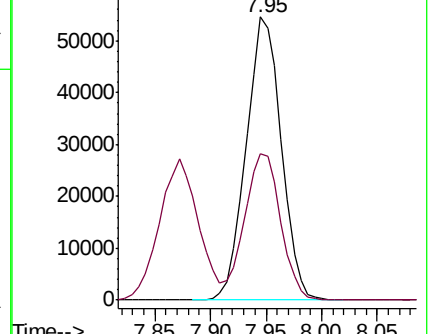
168 100

99 51.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.748 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008329.D

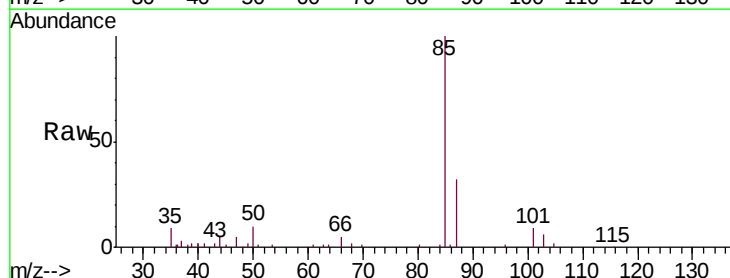
Acq: 17 Jan 2019 15:22

Tgt Ion: 85 Resp: 35305

Ion Ratio Lower Upper

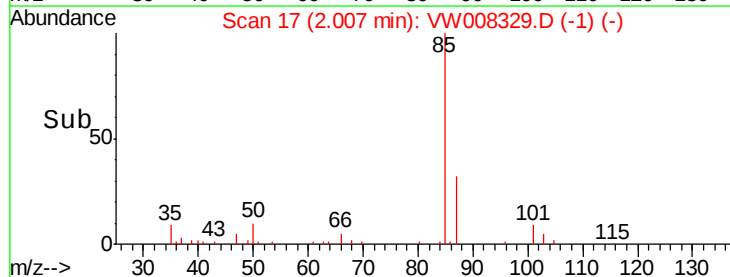
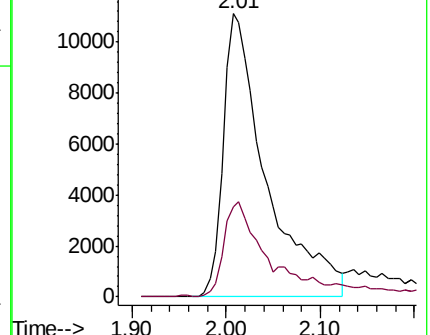
85 100

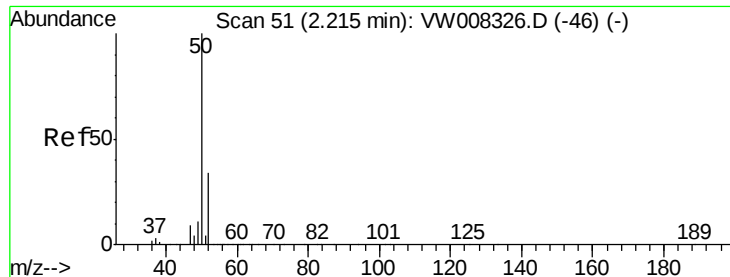
87 31.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.916 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

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ClientSampleId :

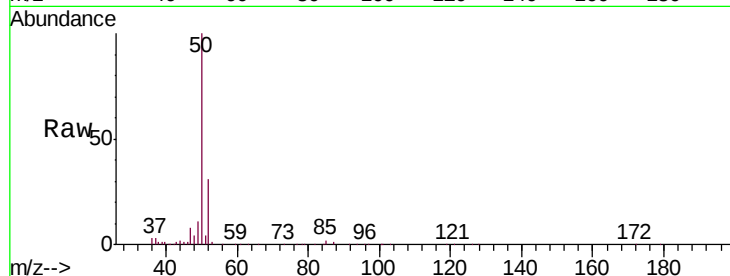
ICVW011719

Tgt Ion: 50 Resp: 54154

Ion Ratio Lower Upper

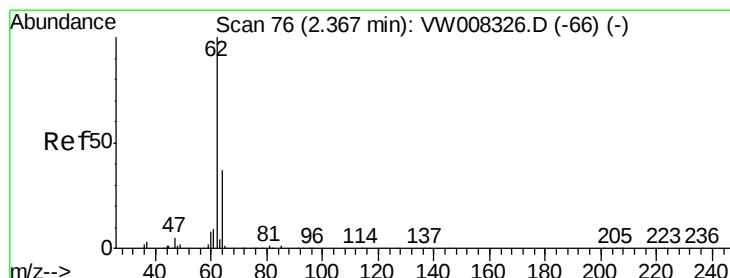
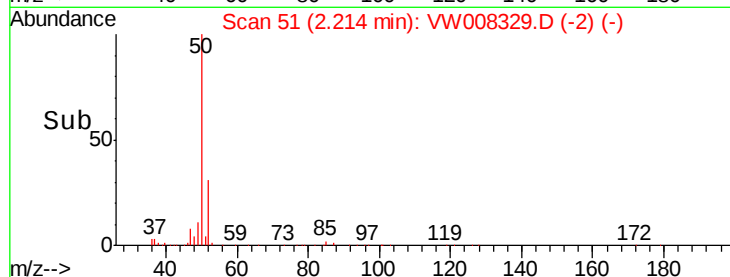
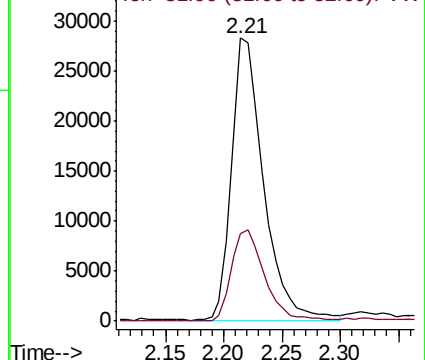
50 100

52 31.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.298 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008329.D

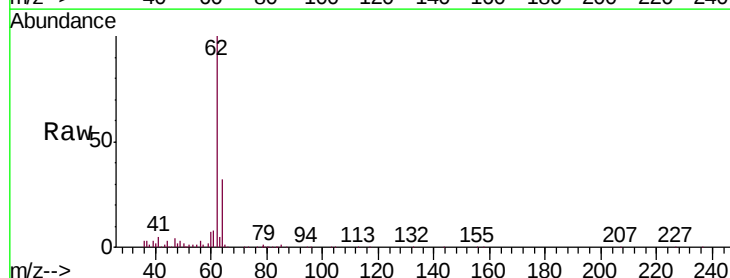
Acq: 17 Jan 2019 15:22

Tgt Ion: 62 Resp: 69733

Ion Ratio Lower Upper

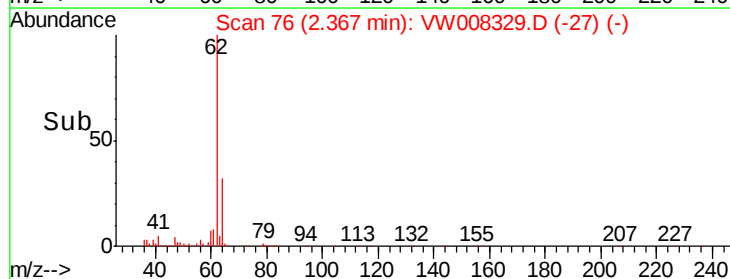
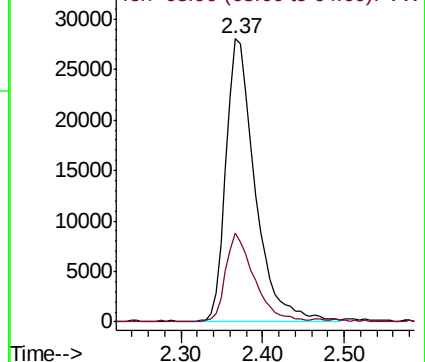
62 100

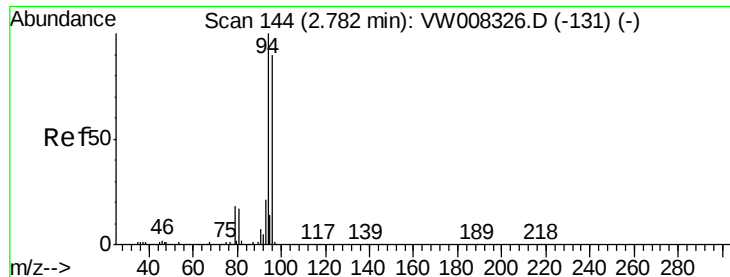
64 31.6 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.321 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

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ClientSampleId :

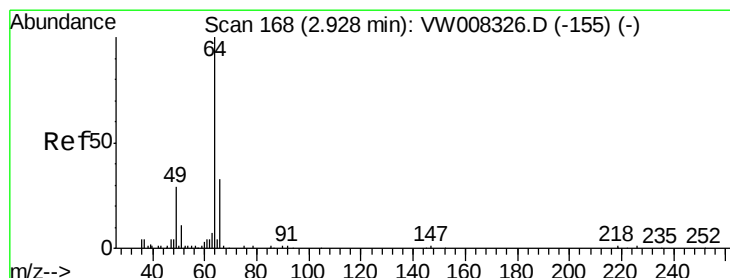
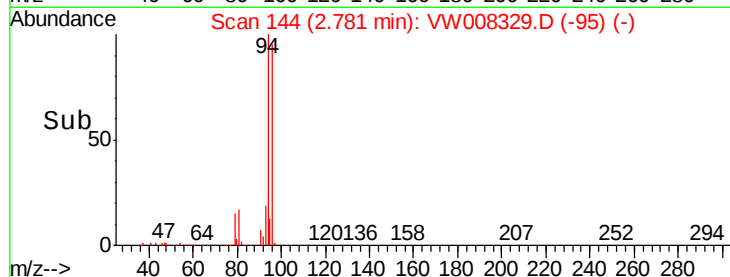
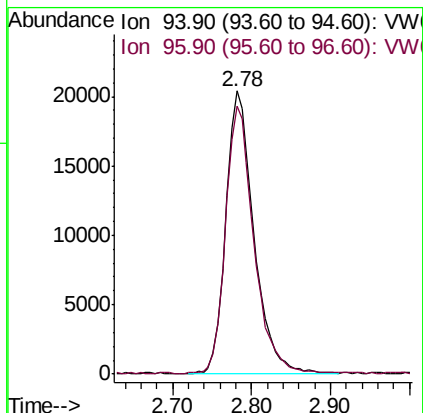
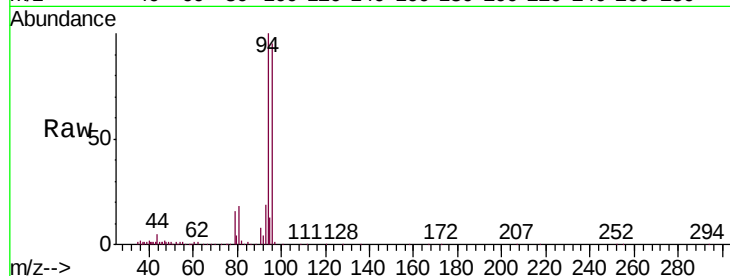
ICVW011719

Tgt Ion: 94 Resp: 50727

Ion Ratio Lower Upper

94 100

96 94.2 71.4 107.0



#6

Chloroethane

Concen: 49.962 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008329.D

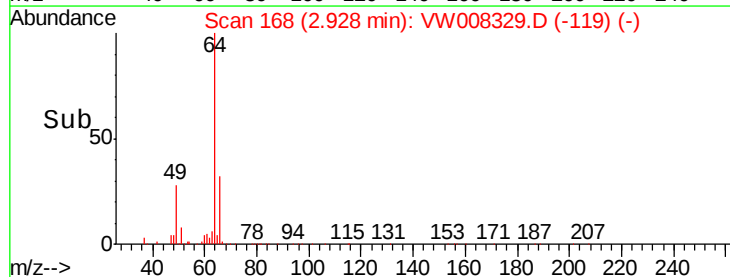
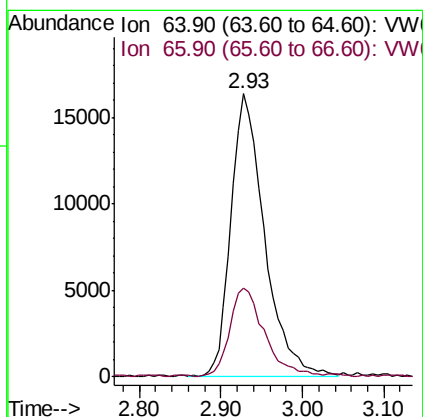
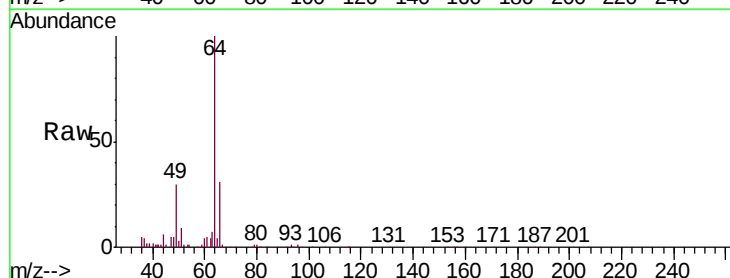
Acq: 17 Jan 2019 15:22

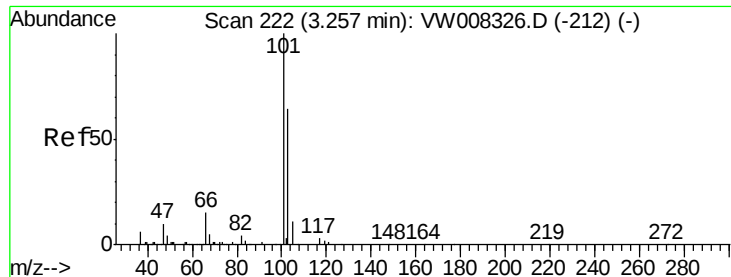
Tgt Ion: 64 Resp: 46258

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.4



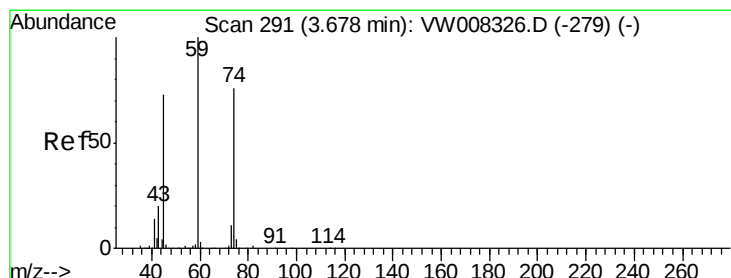
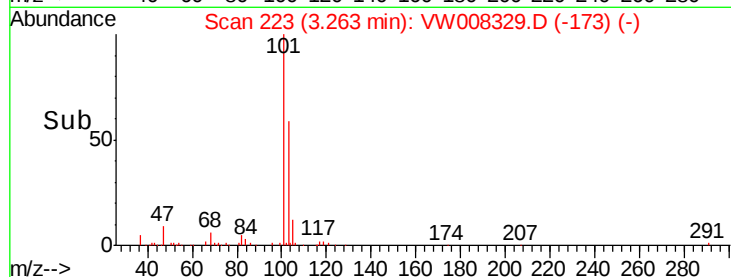
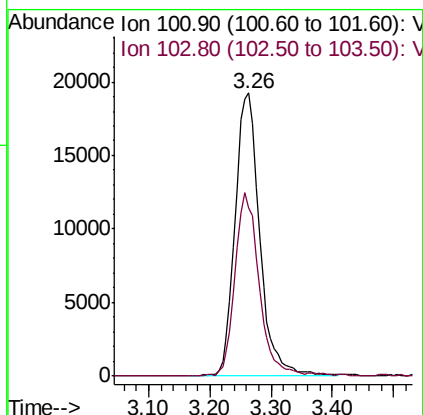
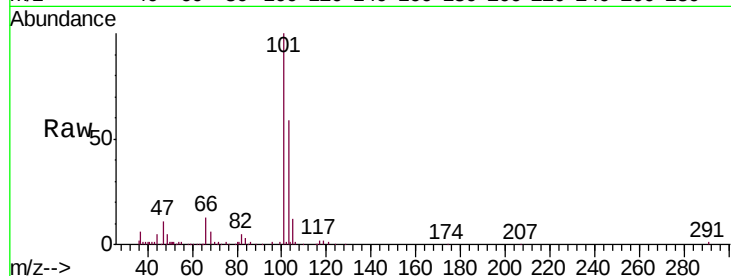


#7

Trichlorofluoromethane
Concen: 51.554 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

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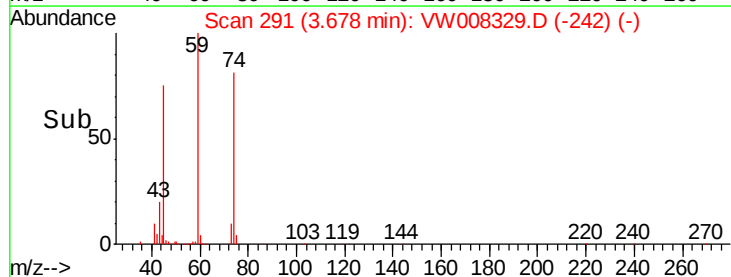
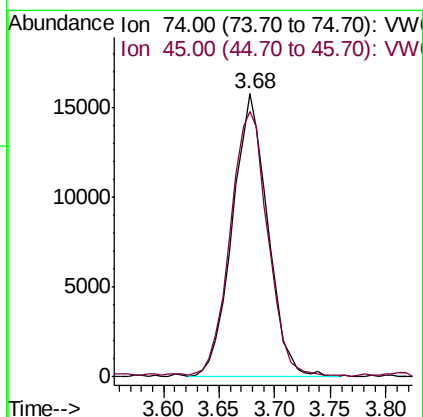
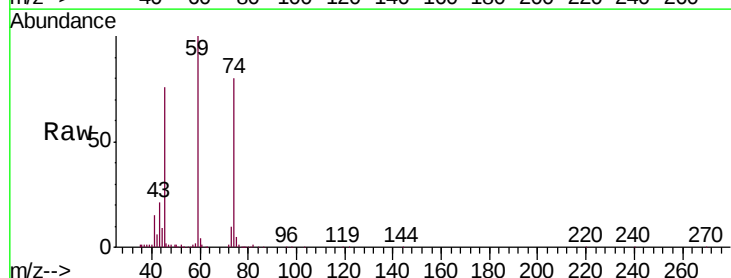
Tgt Ion:101 Resp: 53545
Ion Ratio Lower Upper
101 100
103 59.2 50.9 76.3

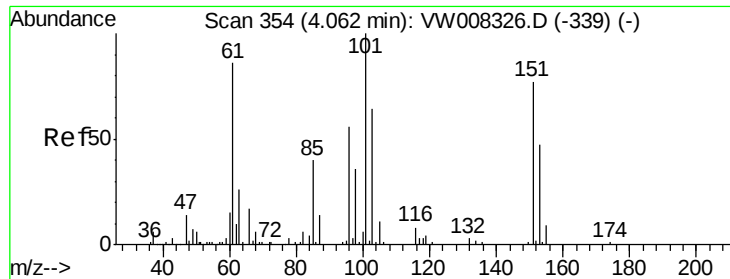


#8

Diethyl Ether
Concen: 48.149 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 74 Resp: 34678
Ion Ratio Lower Upper
74 100
45 99.3 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.164 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008329.D

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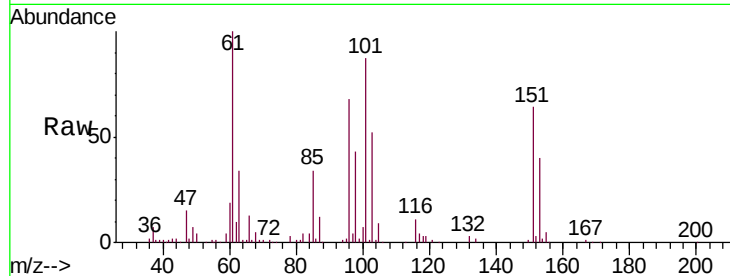
Tgt Ion:101 Resp: 63077

Ion Ratio Lower Upper

101 100

85 42.2 36.0 54.0

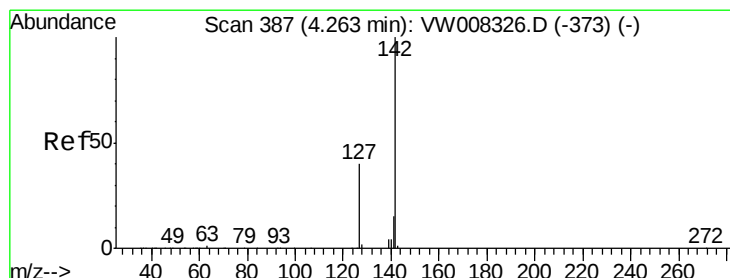
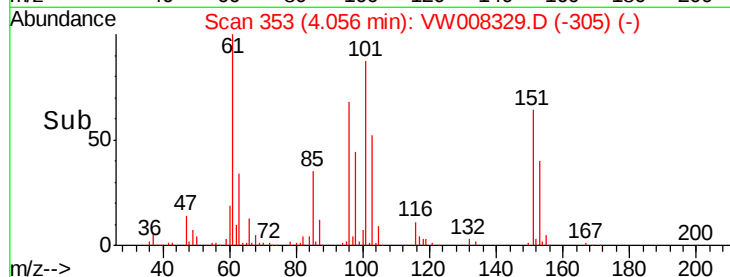
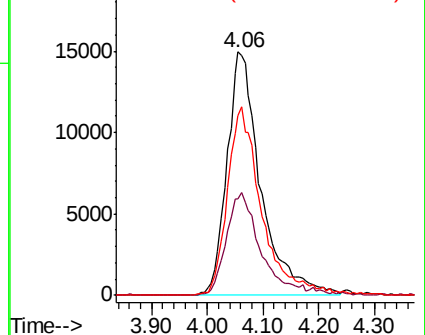
151 77.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.292 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

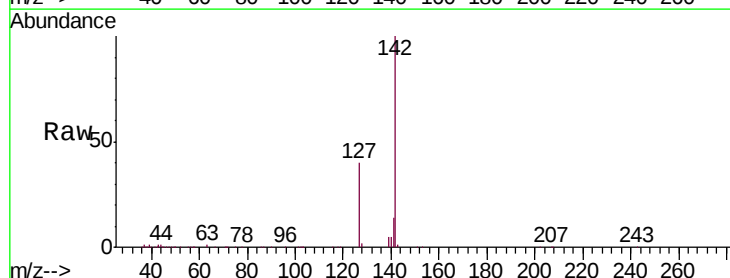
Tgt Ion:142 Resp: 103929

Ion Ratio Lower Upper

142 100

127 41.4 34.3 51.5

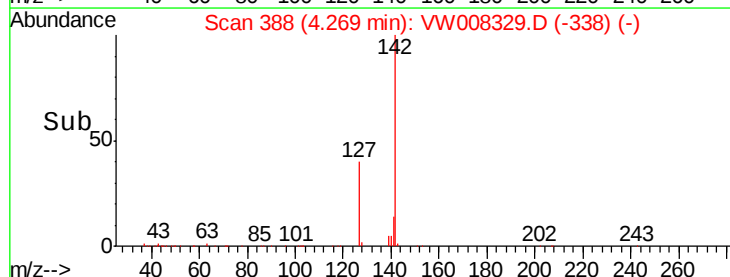
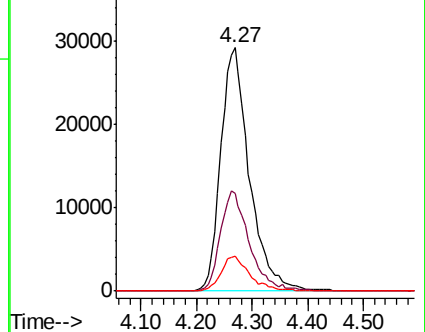
141 14.4 12.2 18.2

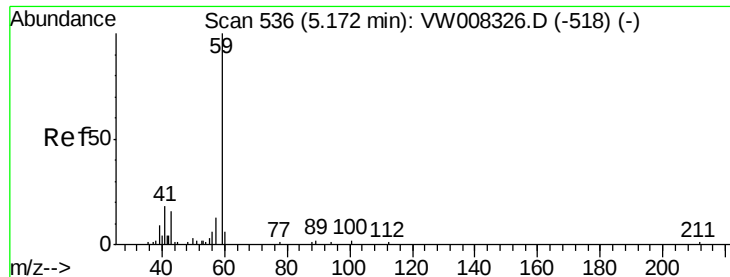


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



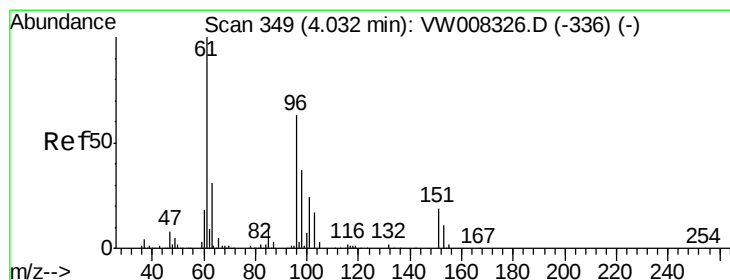
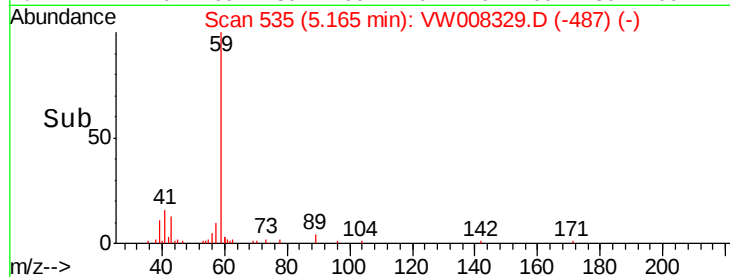
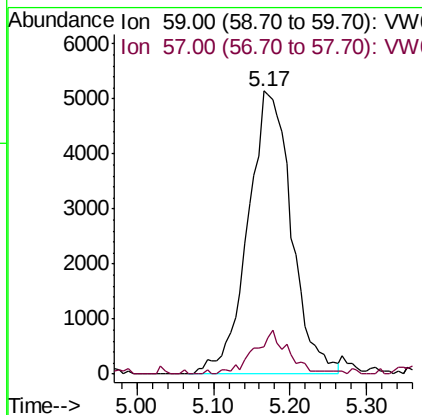
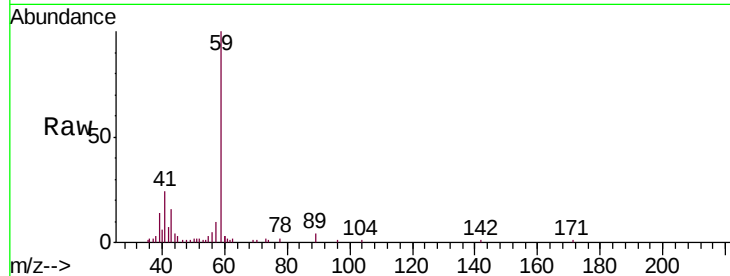


#11

Tert butyl alcohol
 Concen: 243.176 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

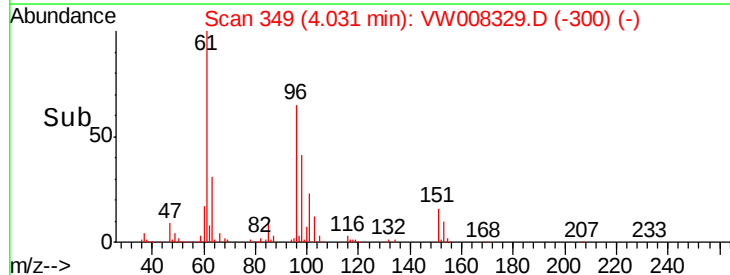
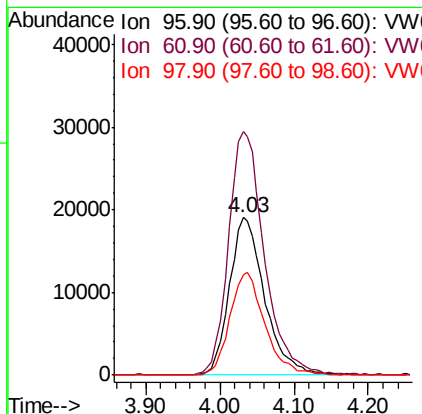
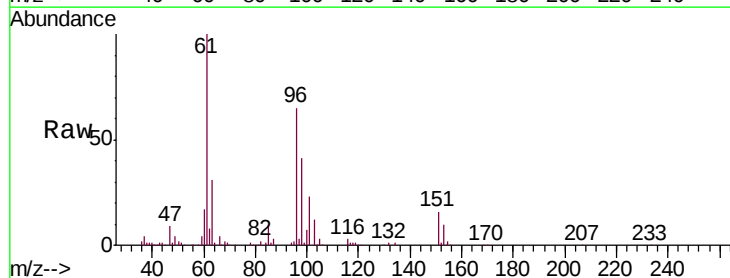
Tgt Ion: 59 Resp: 20414
 Ion Ratio Lower Upper
 59 100
 57 12.2 9.4 14.2

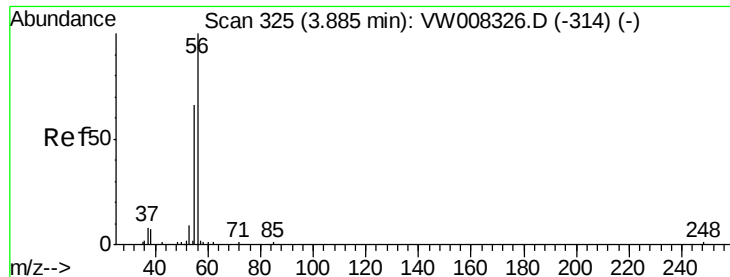


#12

1,1-Dichloroethene
 Concen: 51.469 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 96 Resp: 63298
 Ion Ratio Lower Upper
 96 100
 61 154.4 126.4 189.6
 98 63.7 46.7 70.1





#13

Acrolein

Concen: 276.877 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

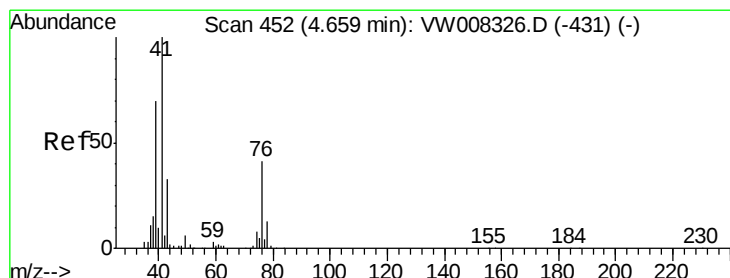
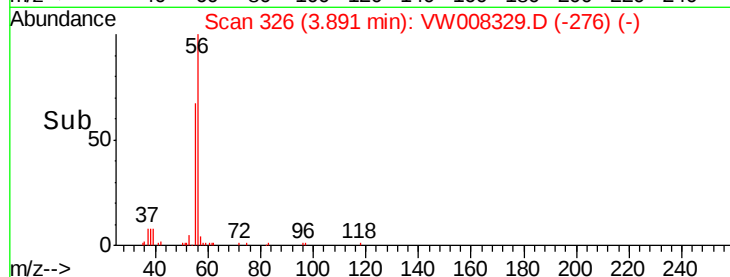
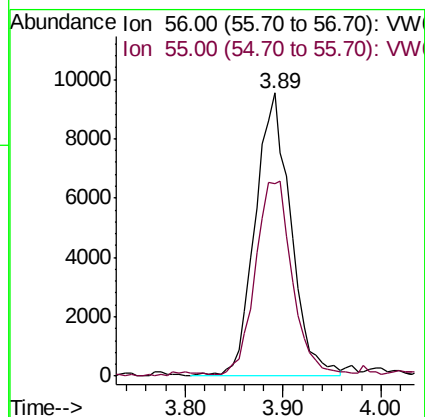
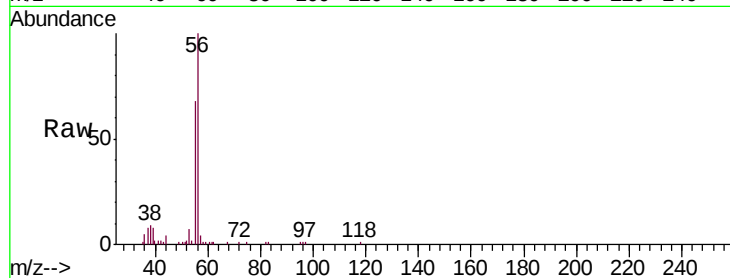
ICVW011719

Tgt Ion: 56 Resp: 24145

Ion Ratio Lower Upper

56 100

55 70.4 52.9 79.3



#14

Allyl chloride

Concen: 52.701 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

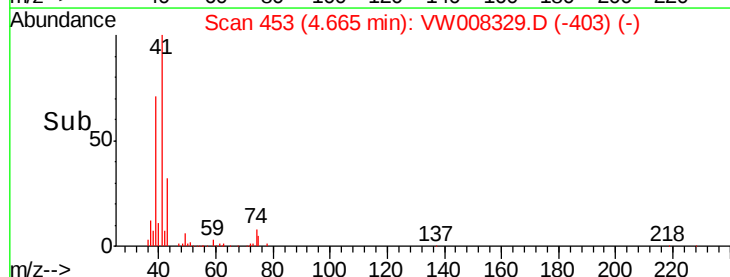
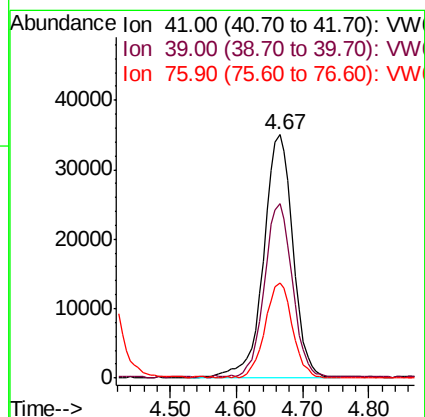
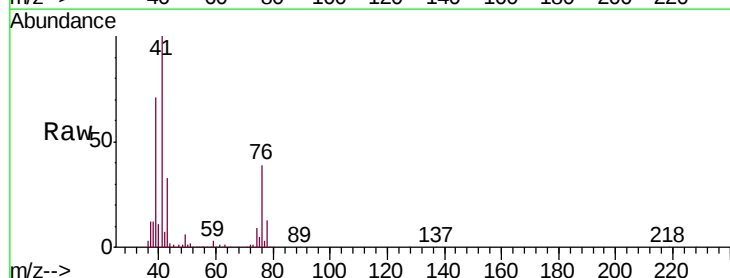
Tgt Ion: 41 Resp: 108354

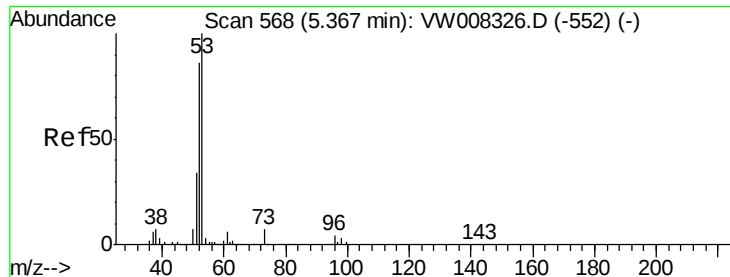
Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 36.8 29.5 44.3





#15

Acrylonitrile

Concen: 245.108 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

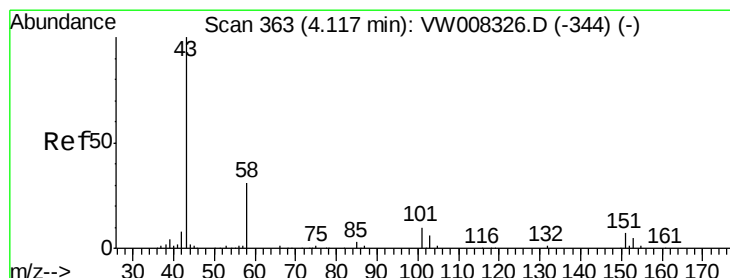
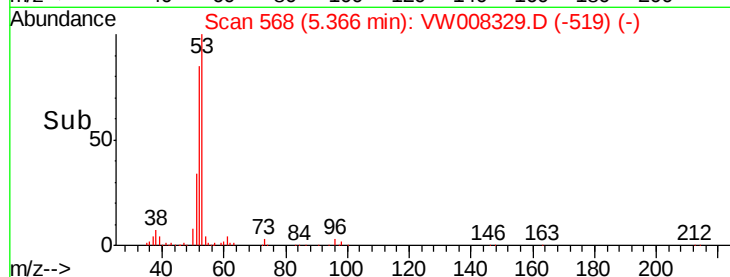
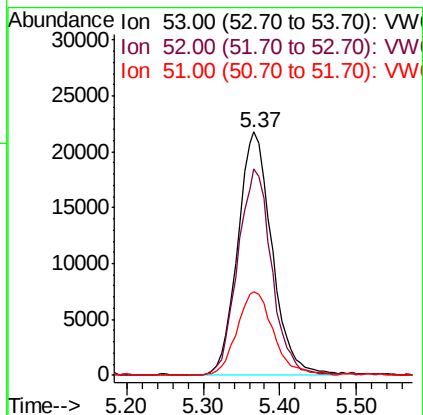
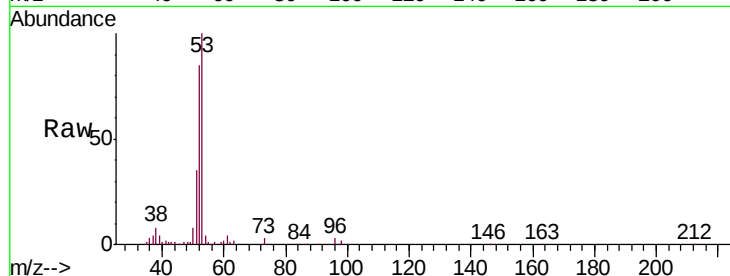
Tgt Ion: 53 Resp: 67812

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

51 36.8 29.6 44.4



#16

Acetone

Concen: 273.681 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008329.D

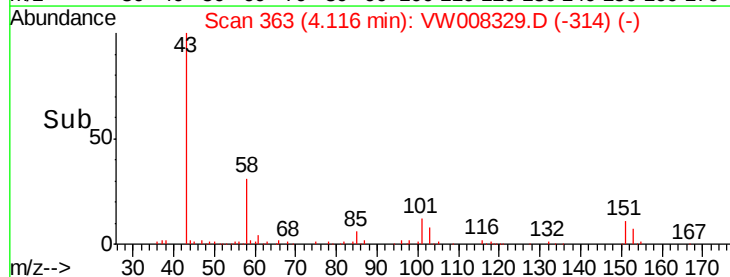
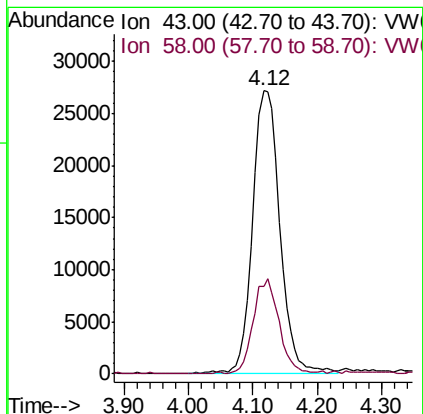
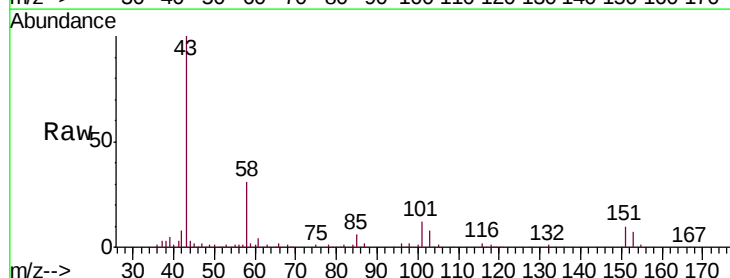
Acq: 17 Jan 2019 15:22

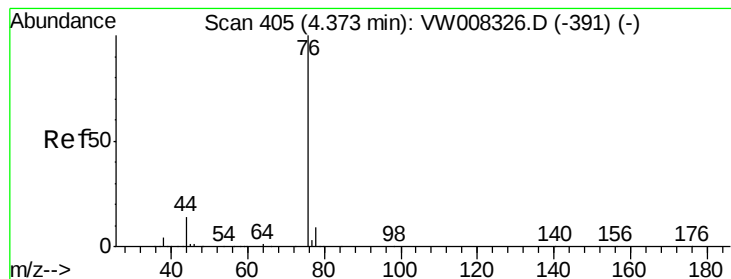
Tgt Ion: 43 Resp: 79245

Ion Ratio Lower Upper

43 100

58 30.6 24.7 37.1





#17

Carbon Disulfide

Concen: 53.982 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

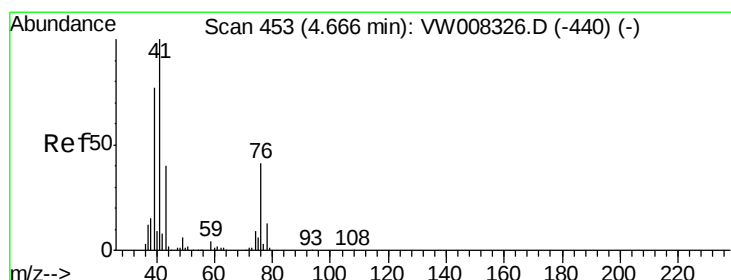
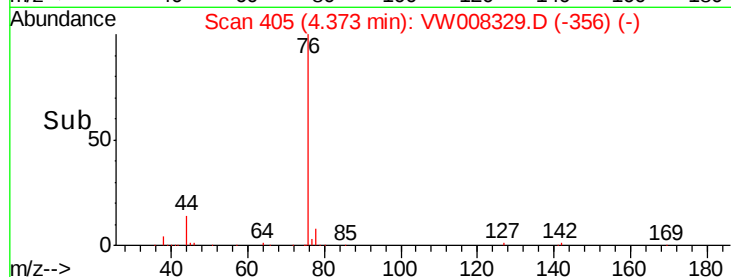
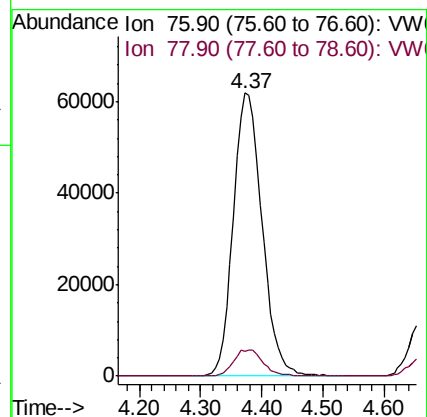
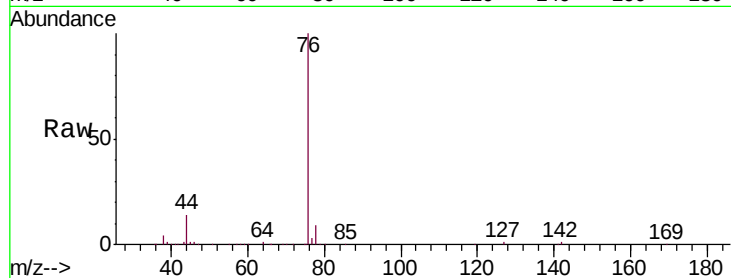
ICVW011719

Tgt Ion: 76 Resp: 202015

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 44.096 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008329.D

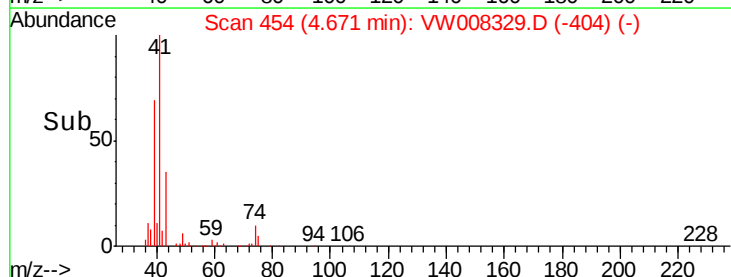
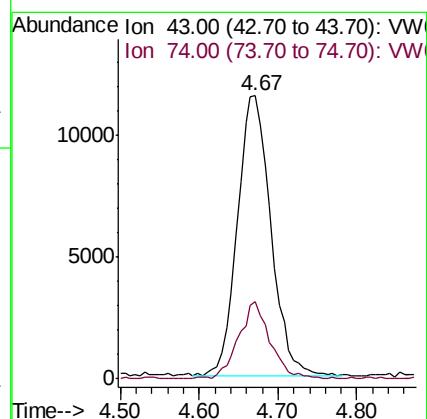
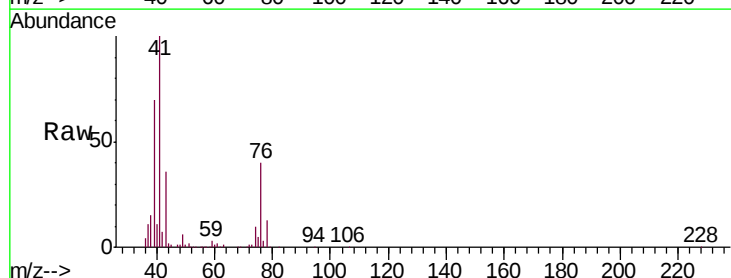
Acq: 17 Jan 2019 15:22

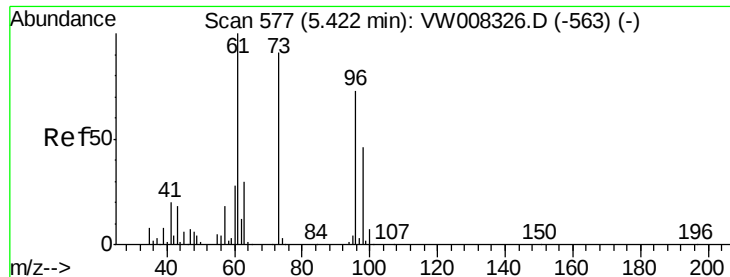
Tgt Ion: 43 Resp: 34107

Ion Ratio Lower Upper

43 100

74 25.8 19.4 29.0

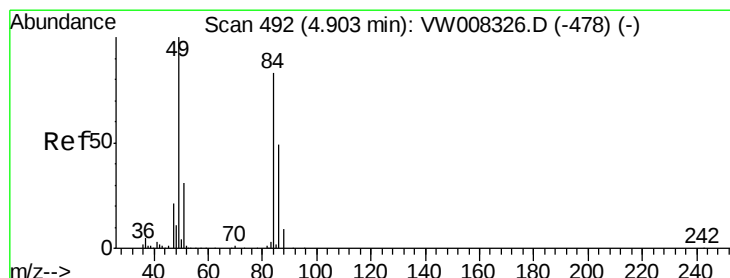
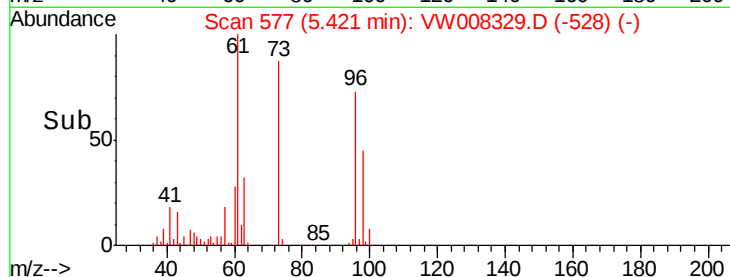
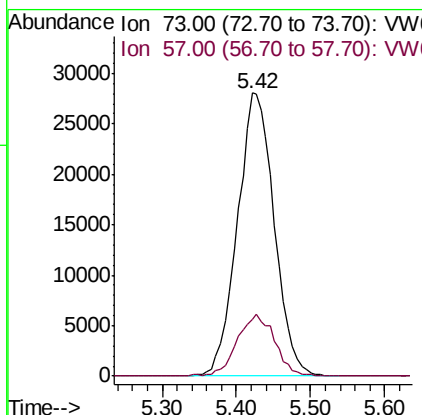
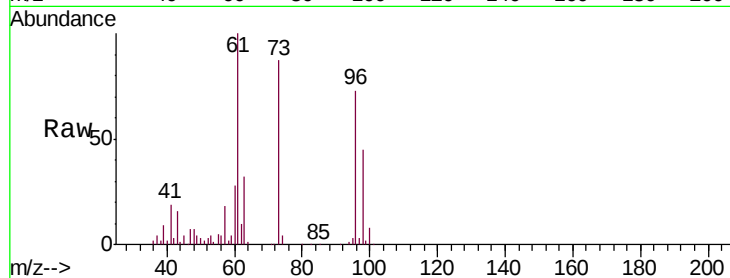




#19
Methyl tert-butyl Ether
Concen: 51.499 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

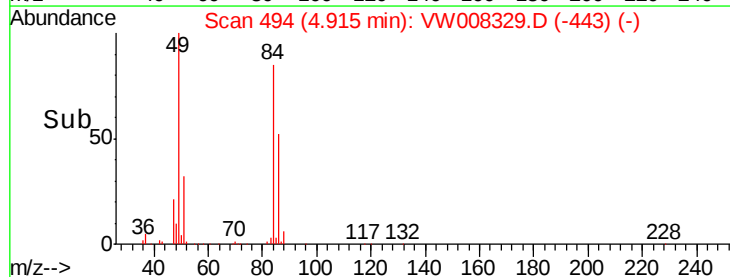
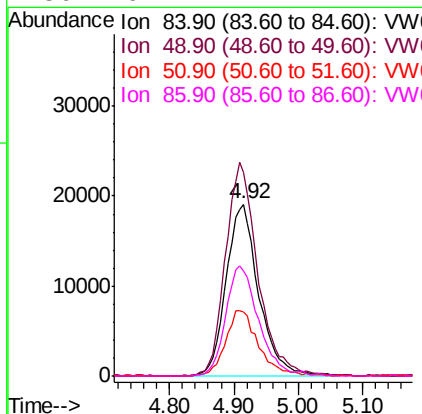
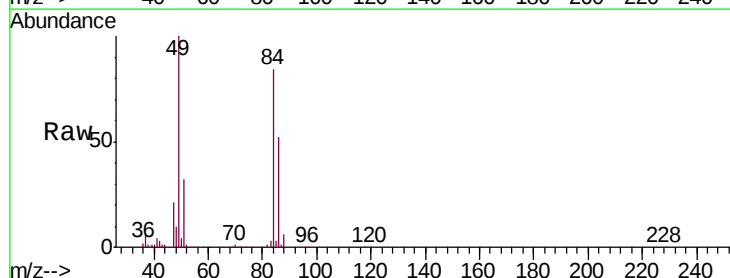
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

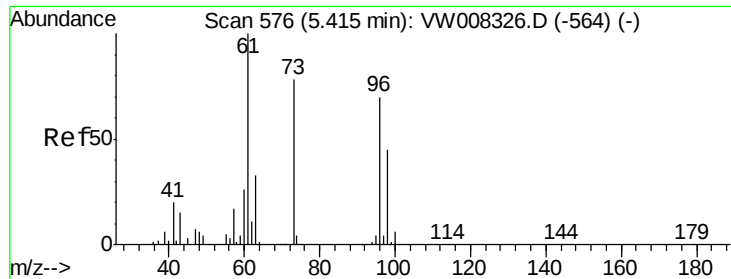
Tgt Ion: 73 Resp: 96954
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5



#20
Methylene Chloride
Concen: 50.442 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 84 Resp: 67727
Ion Ratio Lower Upper
84 100
49 118.2 95.9 143.9
51 37.1 29.3 43.9
86 61.2 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.579 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

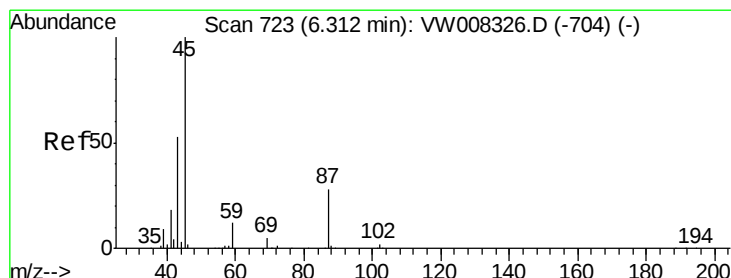
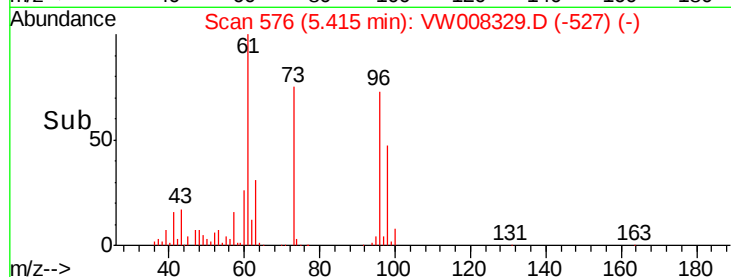
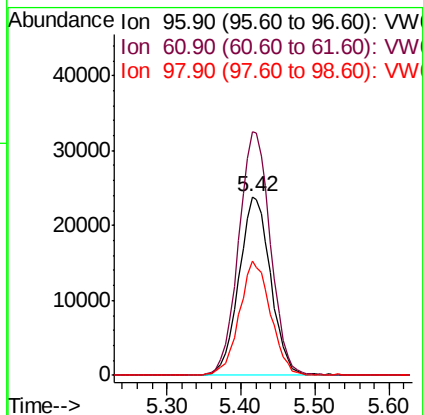
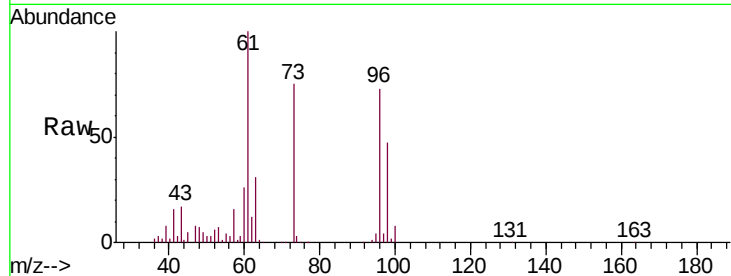
Tgt Ion: 96 Resp: 71245

Ion Ratio Lower Upper

96 100

61 136.2 114.5 171.7

98 63.7 52.0 78.0



#22

Diisopropyl ether

Concen: 51.573 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion: 45 Resp: 207015

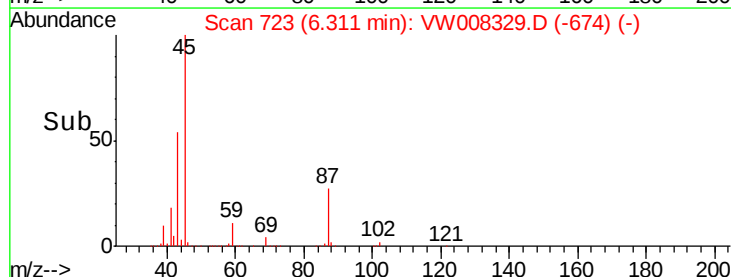
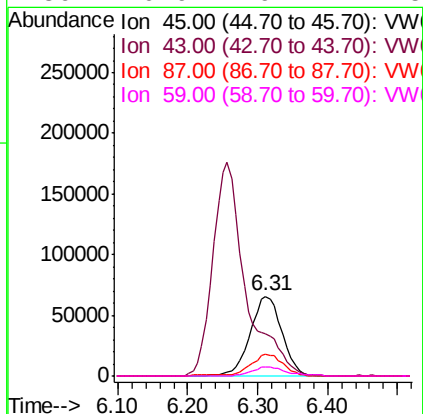
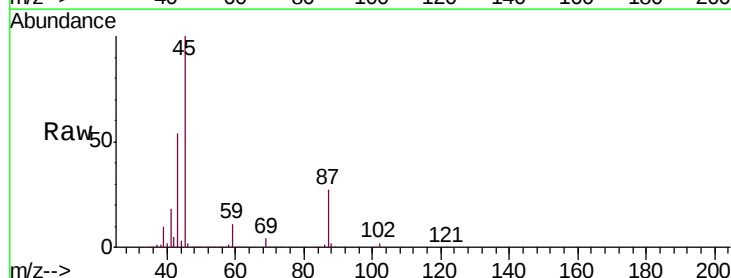
Ion Ratio Lower Upper

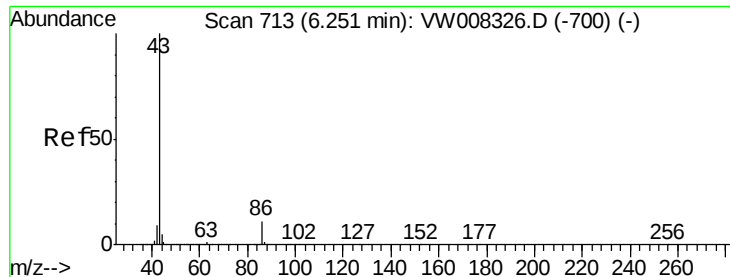
45 100

43 53.1 42.5 63.7

87 26.7 22.2 33.2

59 10.9 9.7 14.5





#23

Vinyl Acetate

Concen: 268.345 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

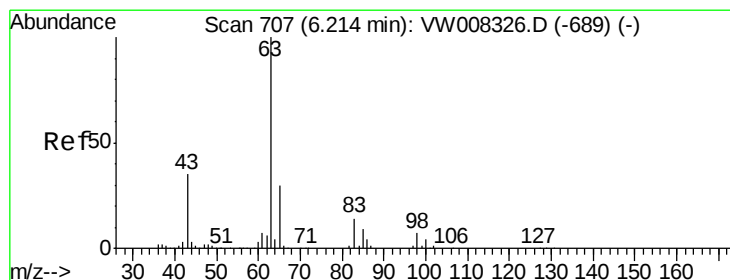
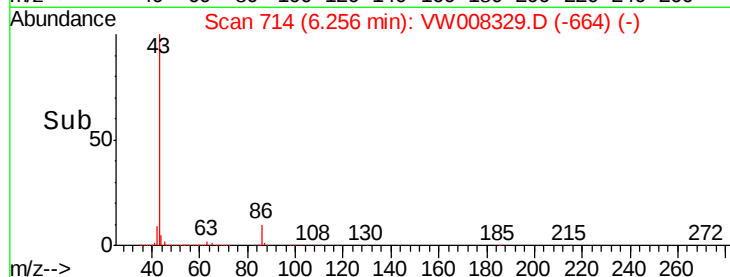
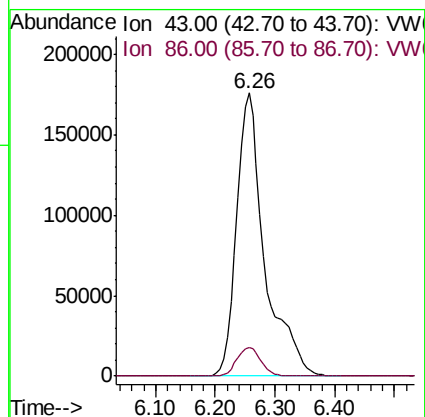
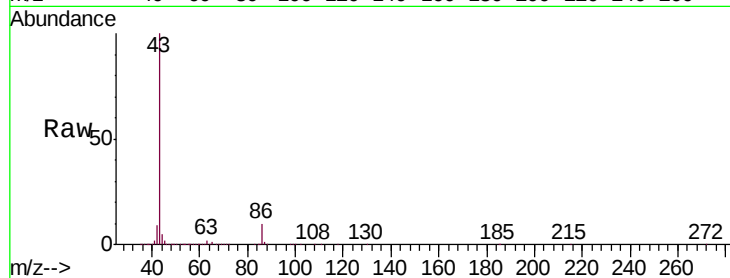
ICVW011719

Tgt Ion: 43 Resp: 575775

Ion Ratio Lower Upper

43 100

86 10.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.869 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

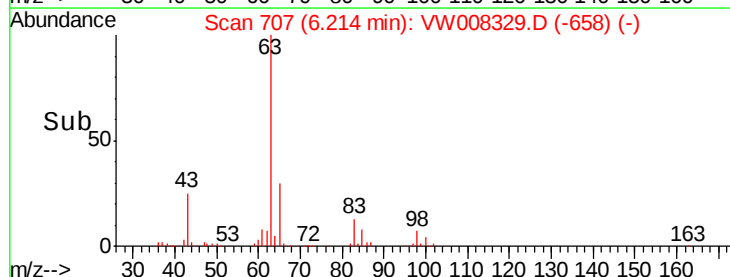
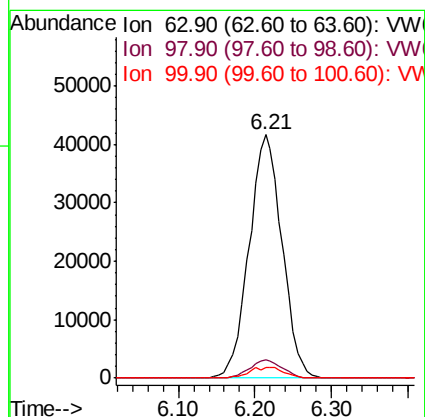
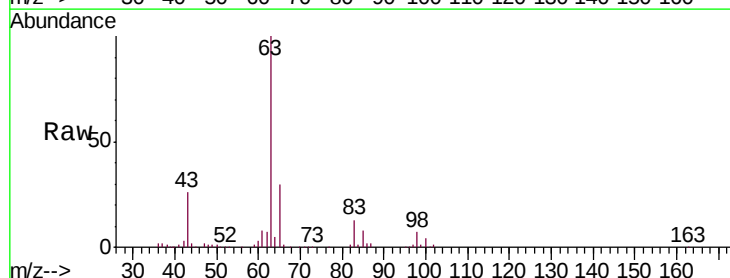
Tgt Ion: 63 Resp: 124325

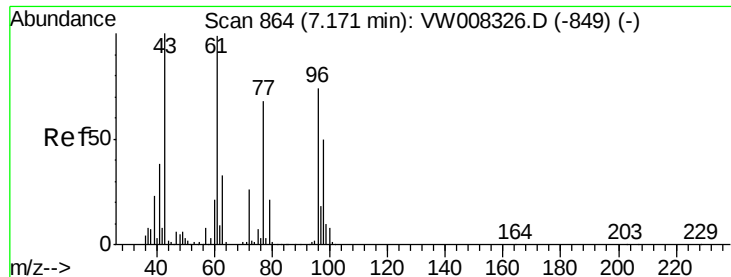
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 255.523 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

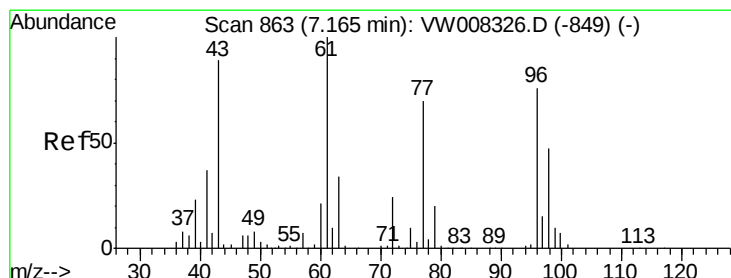
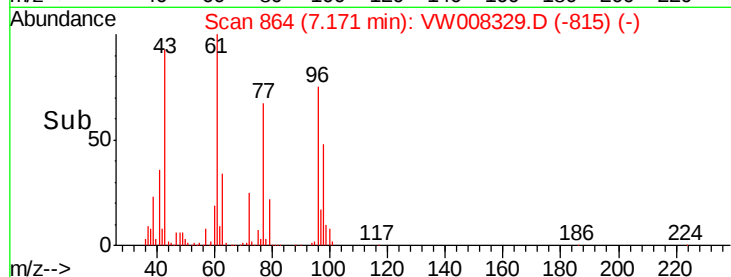
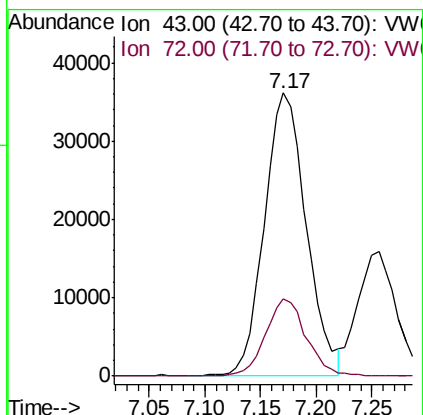
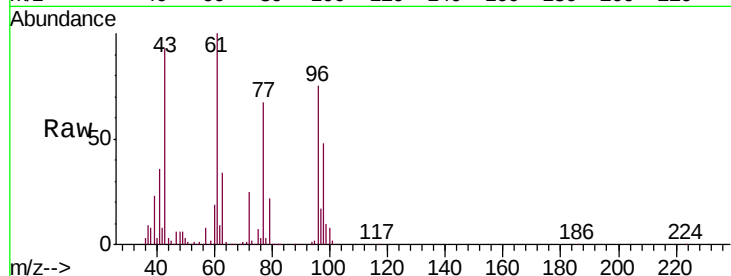
ICVW011719

Tgt Ion: 43 Resp: 94763

Ion Ratio Lower Upper

43 100

72 27.2 21.2 31.8



#26

2,2-Dichloropropane

Concen: 51.315 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008329.D

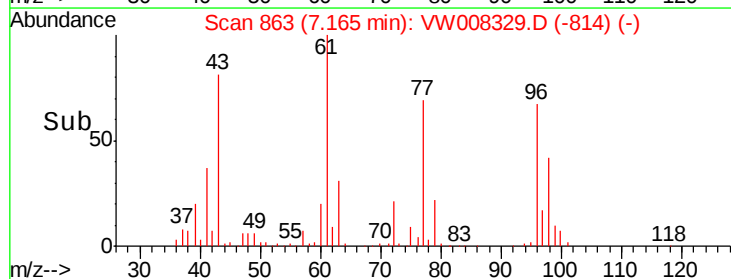
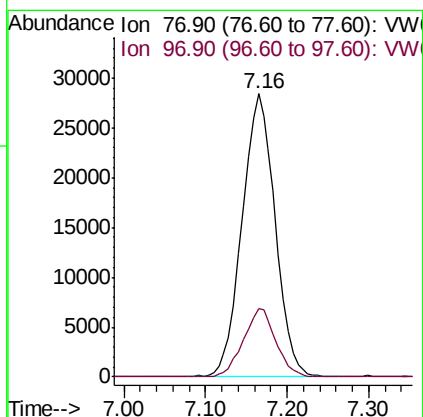
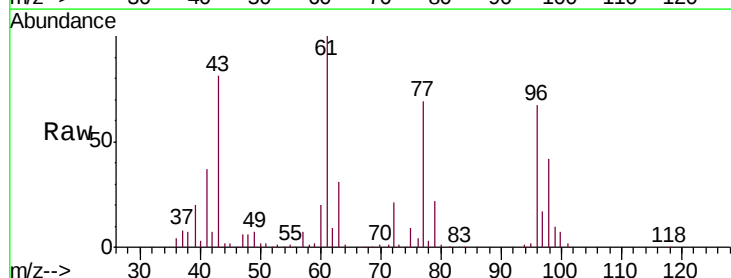
Acq: 17 Jan 2019 15:22

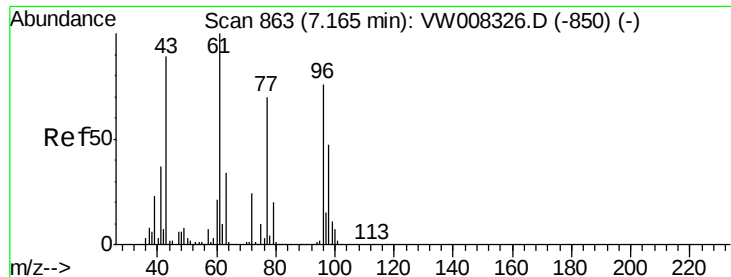
Tgt Ion: 77 Resp: 80035

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



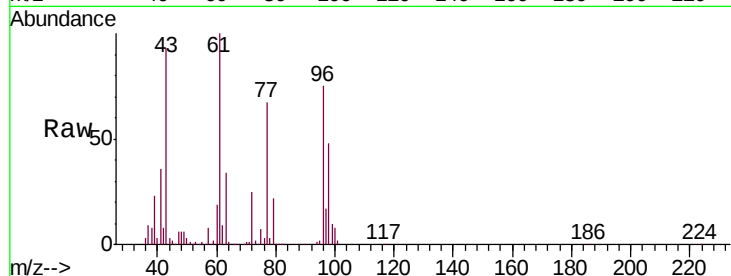


#27

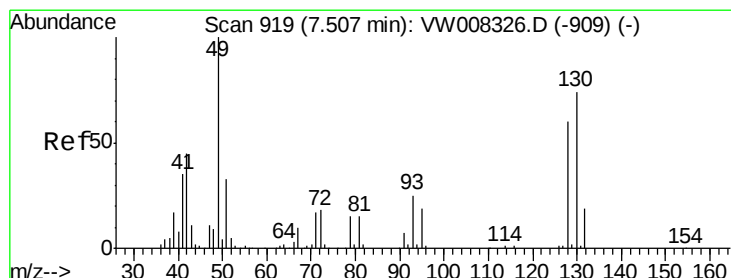
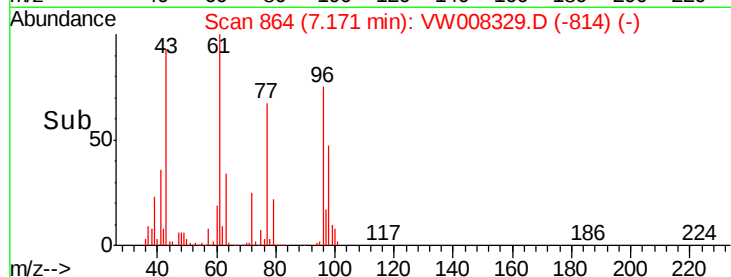
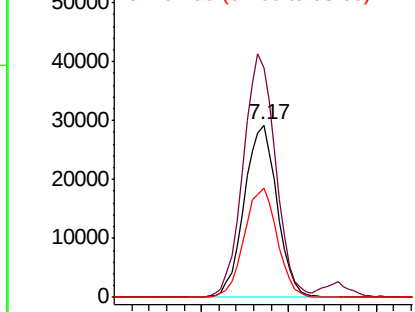
cis-1,2-Dichloroethene
Concen: 51.005 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tgt Ion: 96 Resp: 76331
Ion Ratio Lower Upper
96 100
61 139.5 0.0 272.2
98 63.7 0.0 129.4



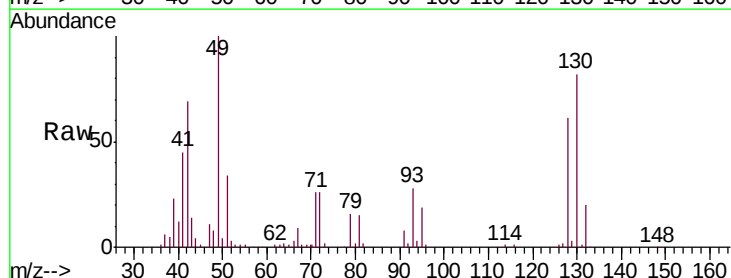
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



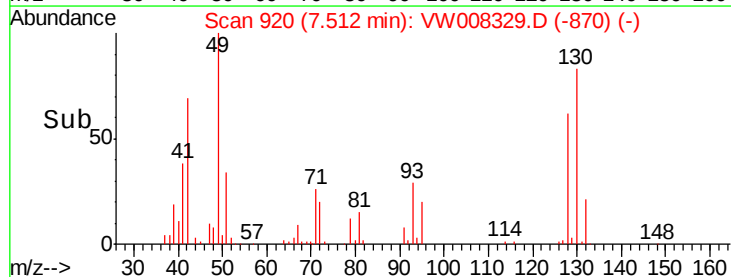
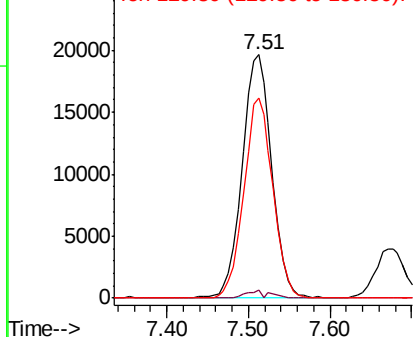
#28

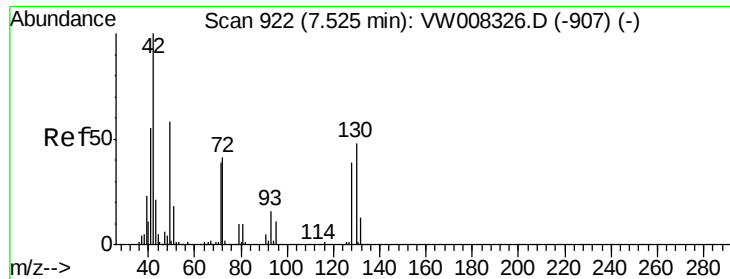
Bromochloromethane
Concen: 49.048 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 49 Resp: 49388
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.6
130 80.4 0.0 0.0#



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

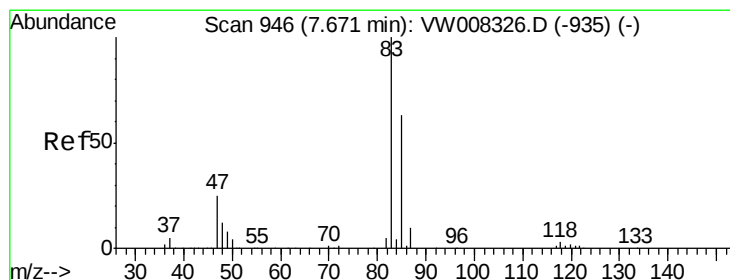
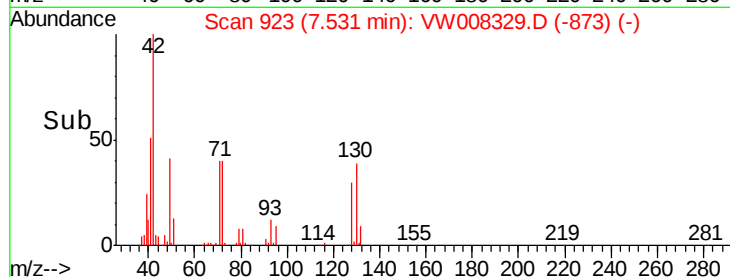
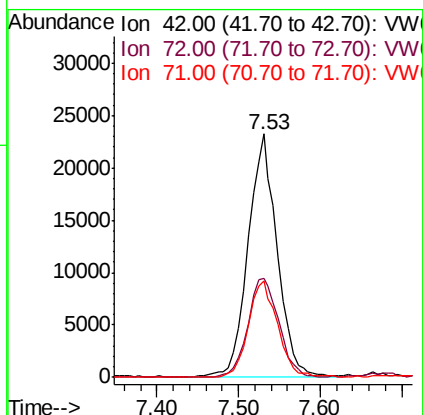
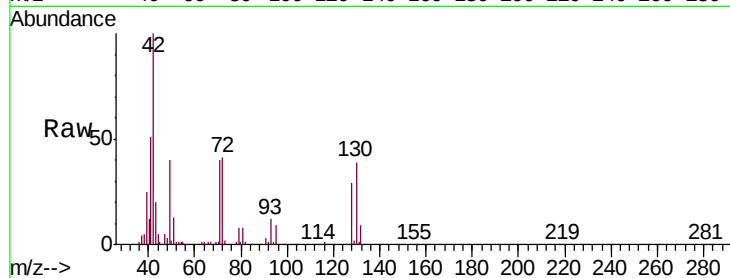




#29
Tetrahydrofuran
Concen: 250.433 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

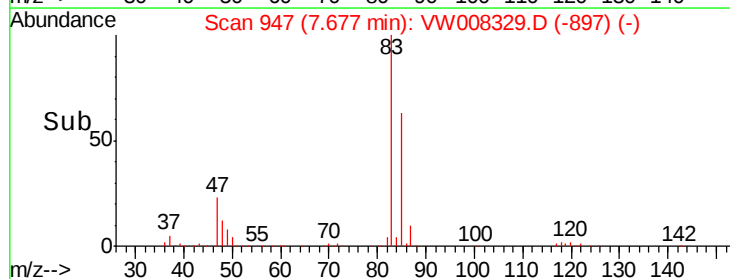
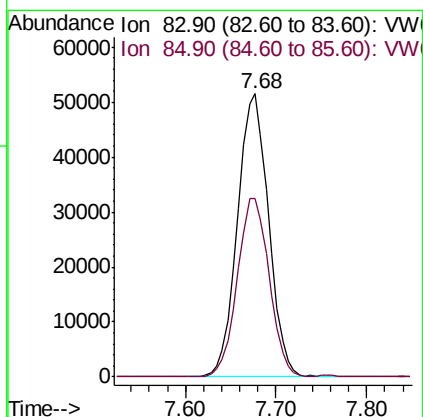
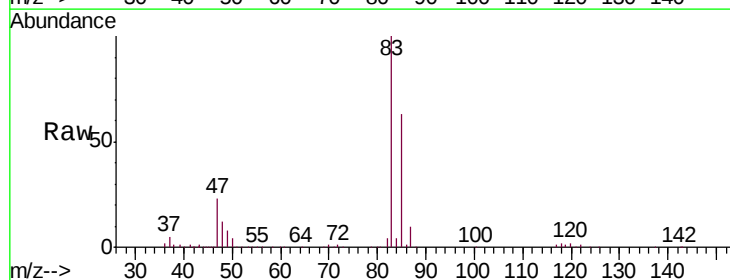
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

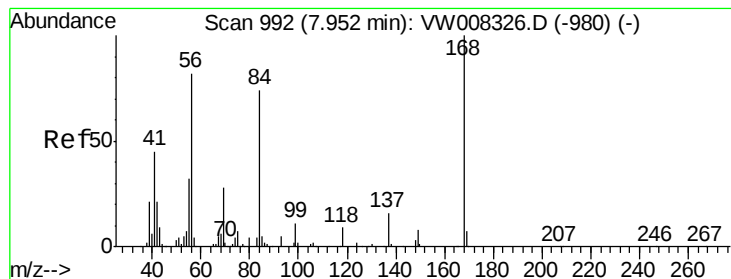
Tgt Ion: 42 Resp: 57900
Ion Ratio Lower Upper
42 100
72 43.2 34.0 51.0
71 39.9 32.0 48.0



#30
Chloroform
Concen: 50.917 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 83 Resp: 123124
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.2





#31

Cyclohexane

Concen: 49.907 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

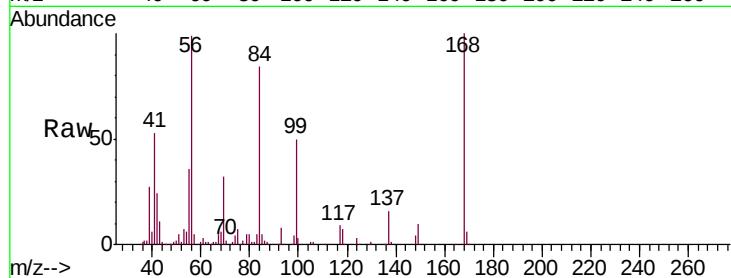
Tgt Ion: 56 Resp: 116215

Ion Ratio Lower Upper

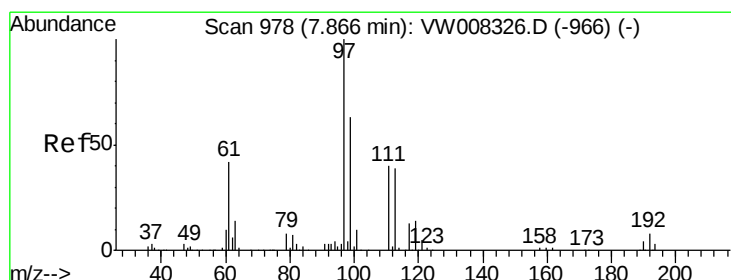
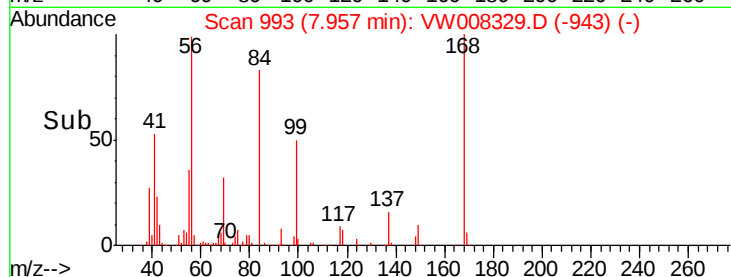
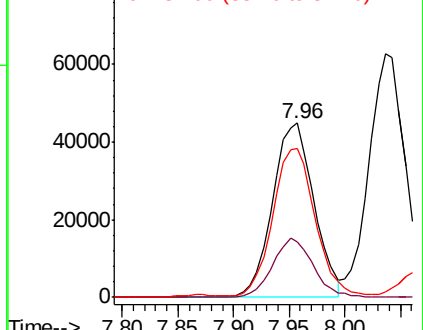
56 100

69 32.0 27.0 40.6

84 84.2 72.5 108.7



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



#32

1,1,1-Trichloroethane

Concen: 50.973 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

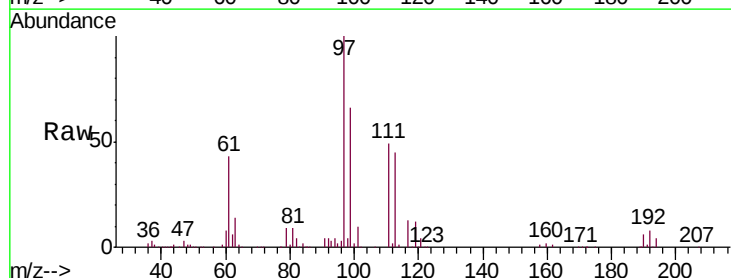
Tgt Ion: 97 Resp: 103446

Ion Ratio Lower Upper

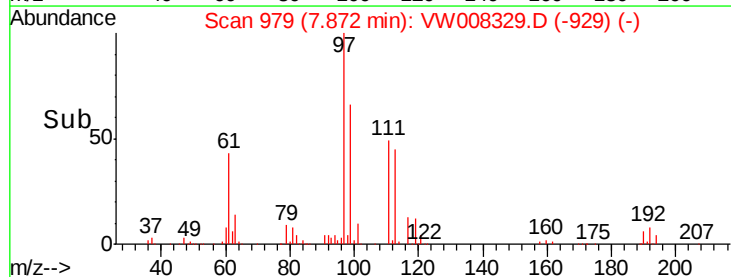
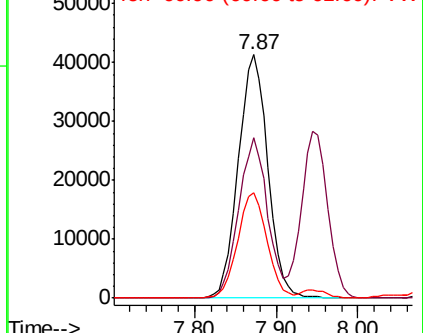
97 100

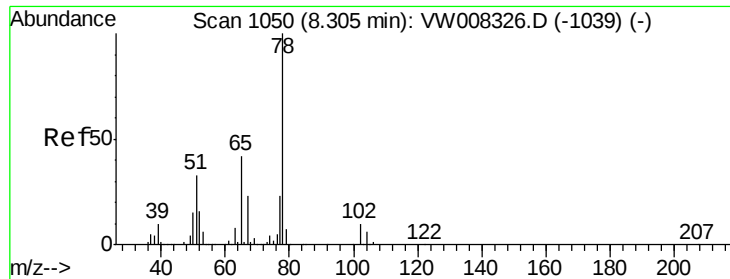
99 64.1 51.1 76.7

61 43.2 34.0 51.0



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

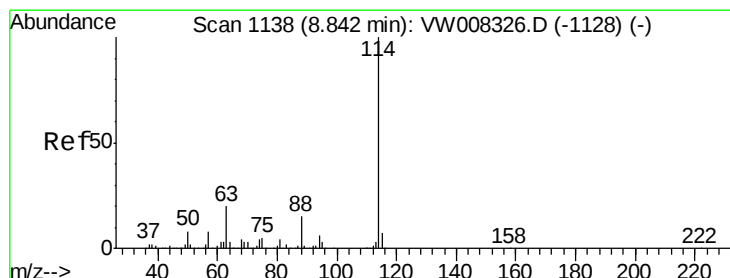
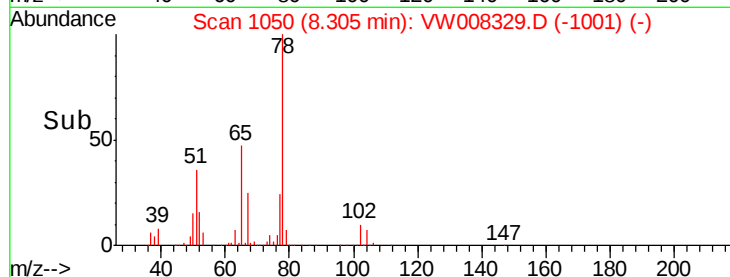
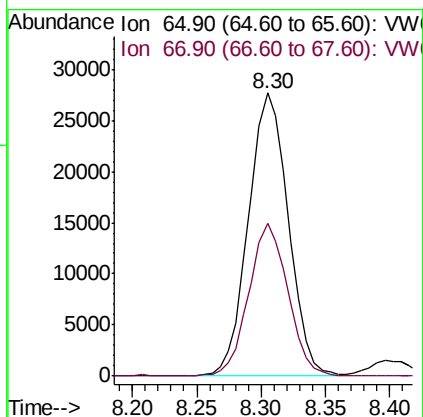
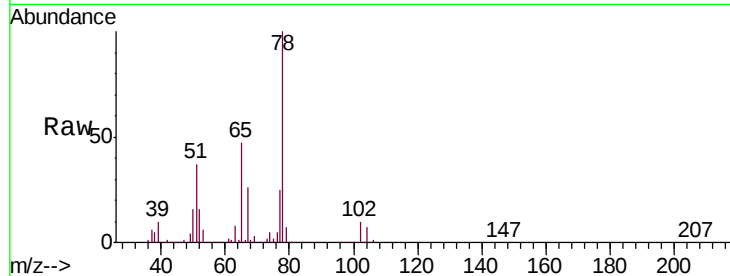




#33
 1,2-Dichloroethane-d4
 Concen: 47.657 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

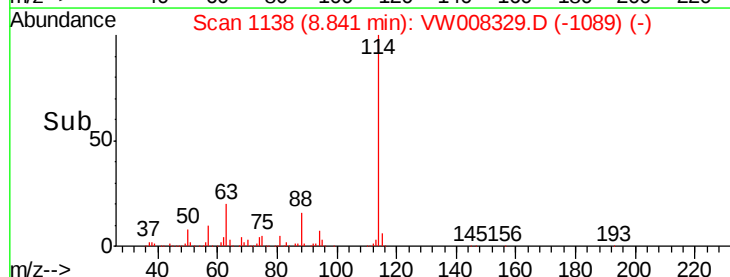
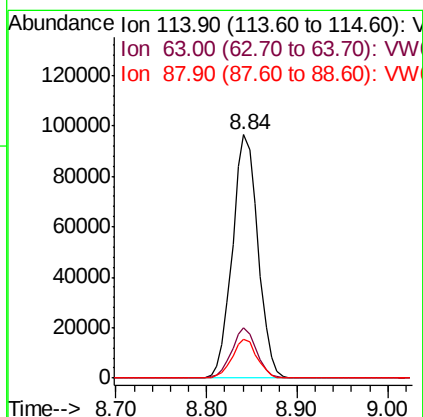
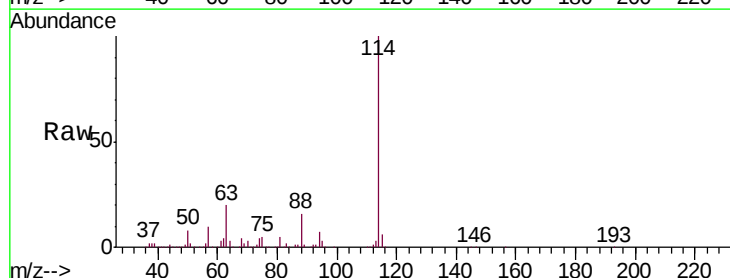
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

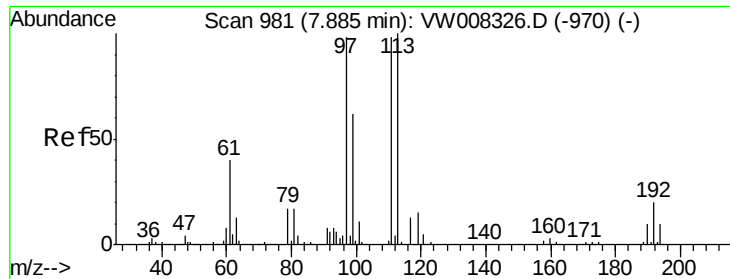
Tgt Ion: 65 Resp: 59419
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 114 Resp: 188797
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 15.9 0.0 30.4

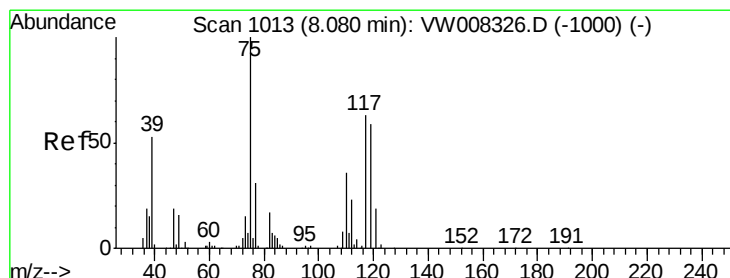
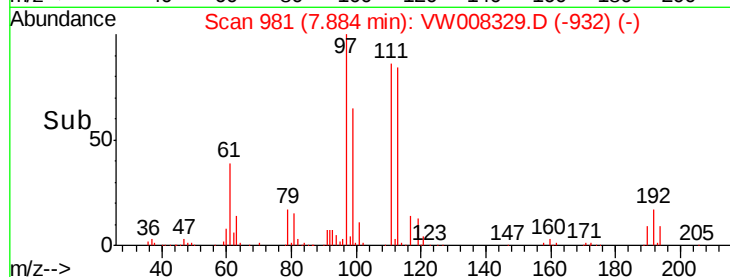
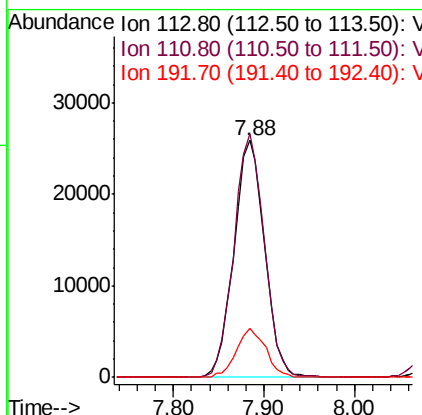
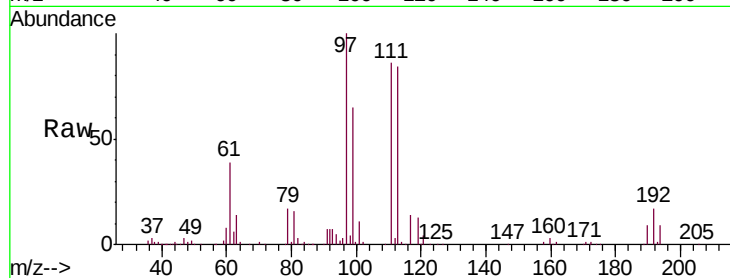




#35
 Dibromofluoromethane
 Concen: 50.447 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

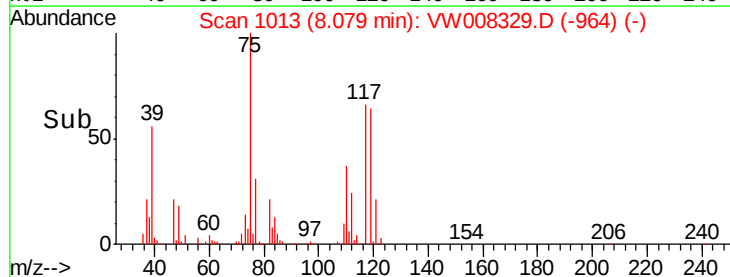
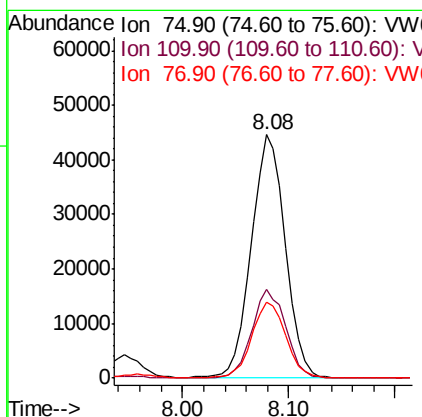
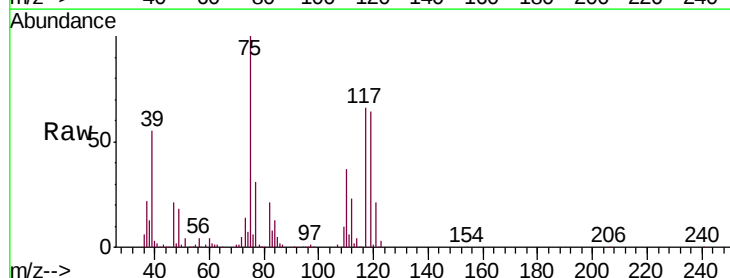
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

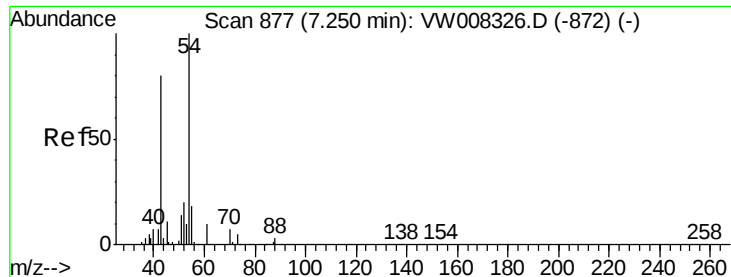
Tgt Ion: 113 Resp: 60796
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 19.8 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 52.725 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 75 Resp: 100149
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.5 52.6
 77 31.4 25.0 37.6

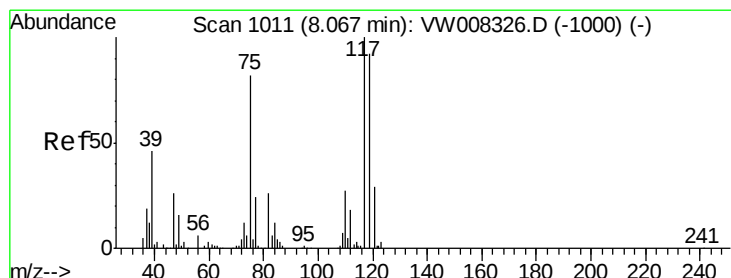
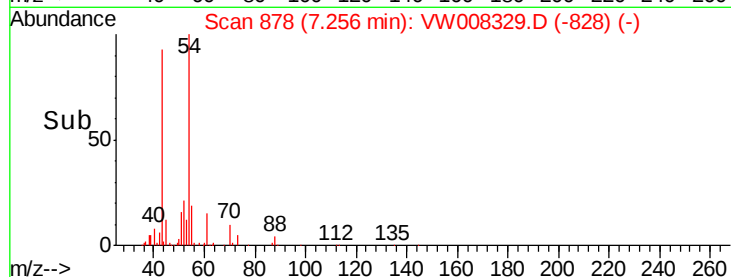
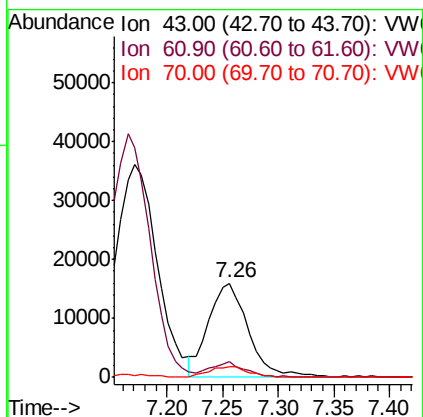
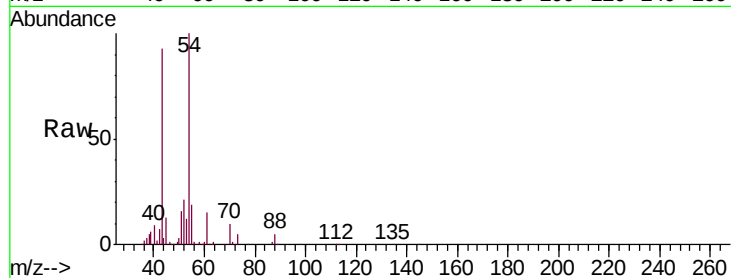




#37
Ethyl Acetate
Concen: 49.875 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

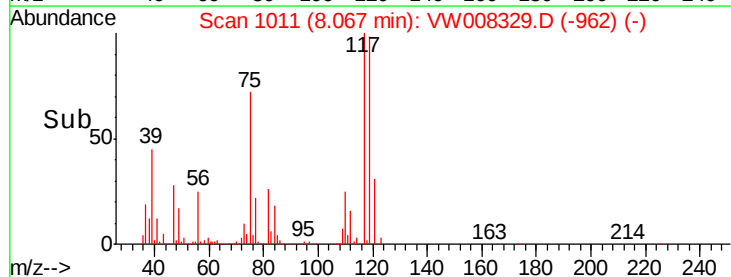
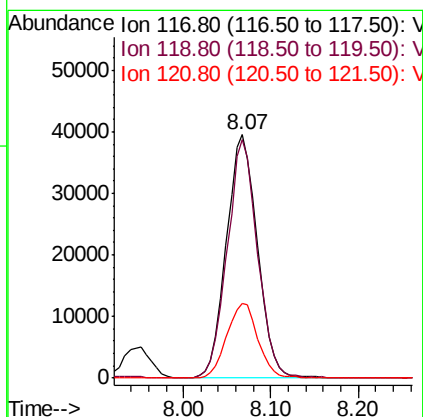
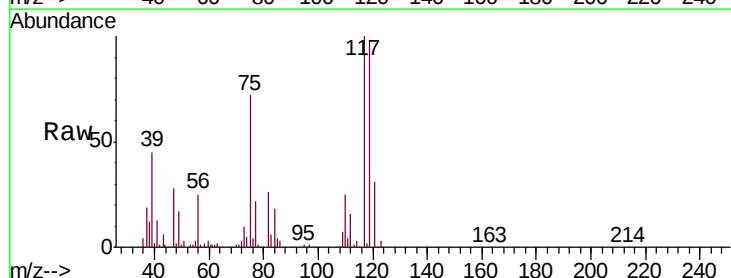
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

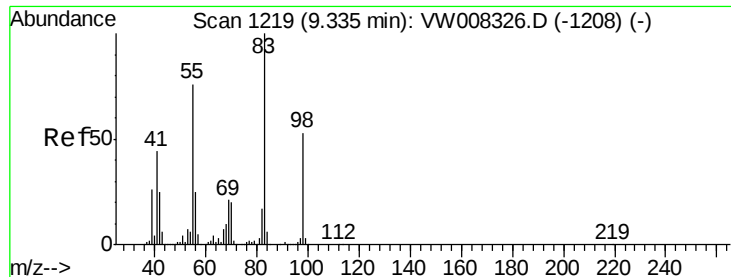
Tgt Ion: 43 Resp: 39067
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.964 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 117 Resp: 97465
Ion Ratio Lower Upper
117 100
119 97.9 73.8 110.6
121 30.6 23.4 35.0

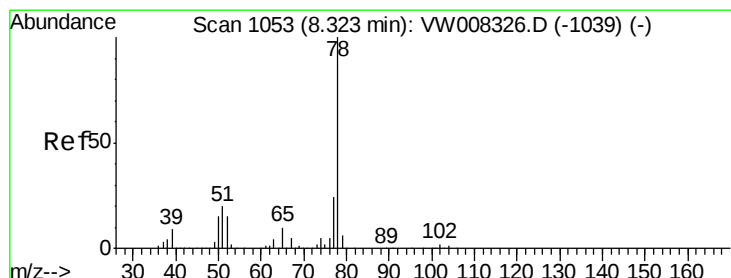
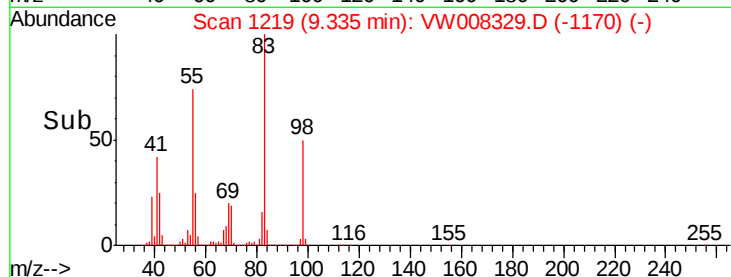
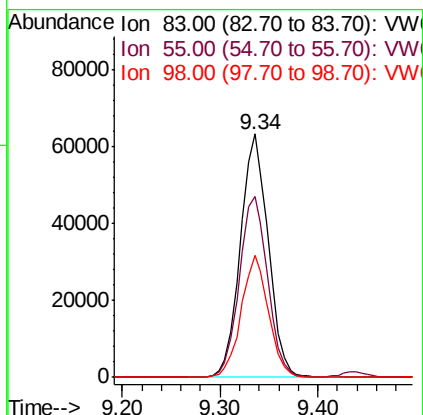
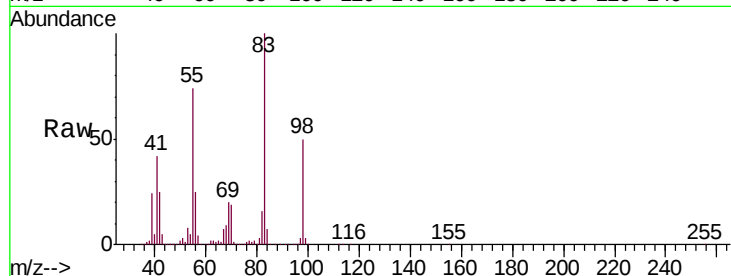




#39
Methylcyclohexane
Concen: 55.220 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

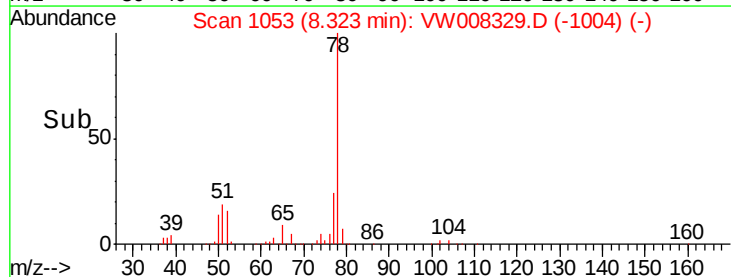
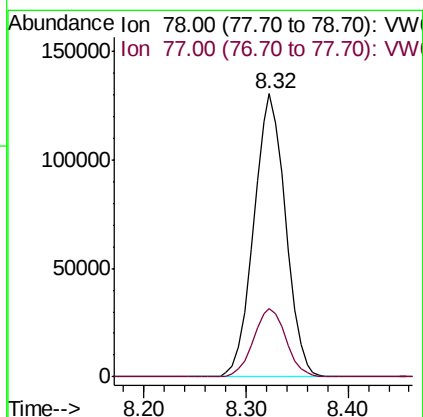
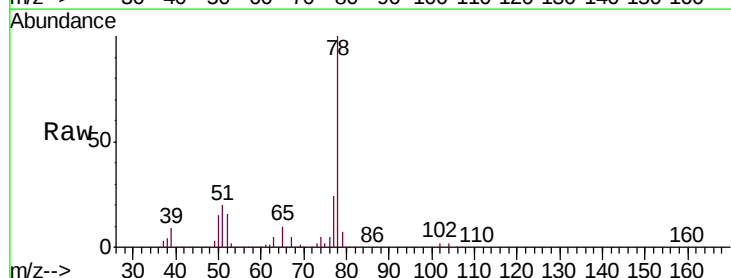
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

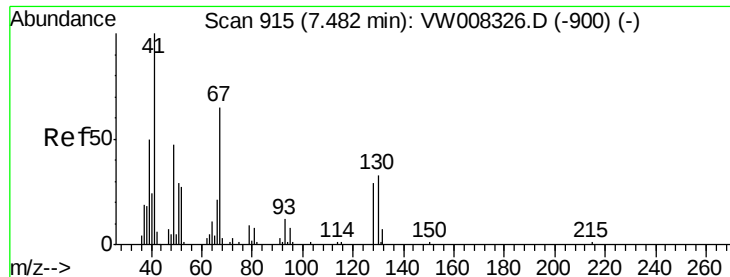
Tgt Ion: 83 Resp: 124765
Ion Ratio Lower Upper
83 100
55 74.0 61.1 91.7
98 50.0 42.5 63.7



#40
Benzene
Concen: 52.563 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 78 Resp: 282817
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

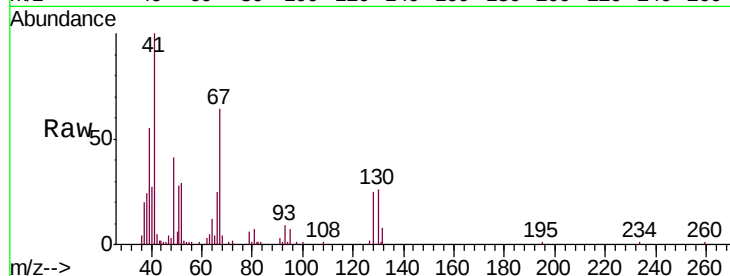




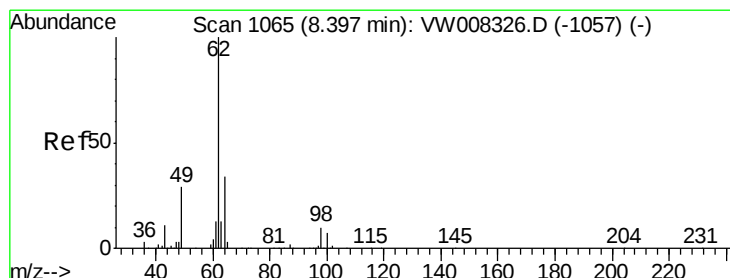
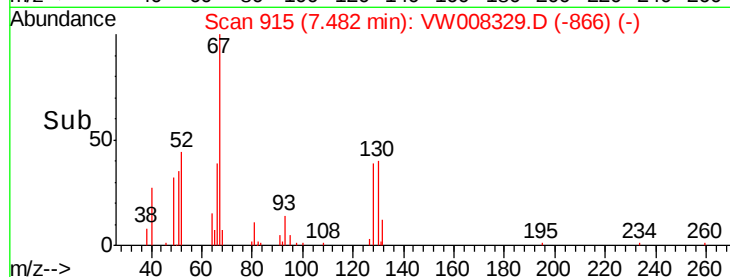
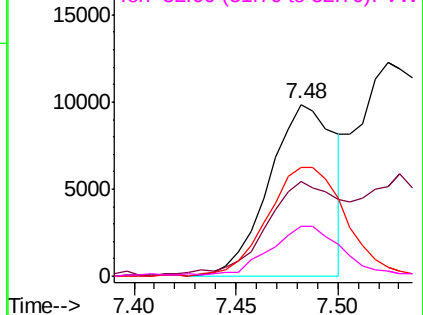
#41
Methacrylonitrile
Concen: 48.625 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tgt Ion:	41	Resp:	22172
Ion	Ratio	Lower	Upper
41	100		
39	65.0	44.9	67.3
67	75.5	56.9	85.3
52	31.4	24.4	36.6

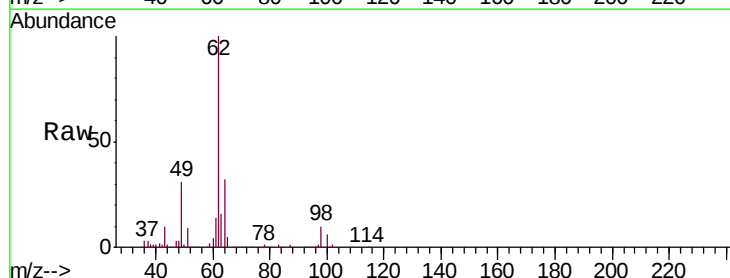


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

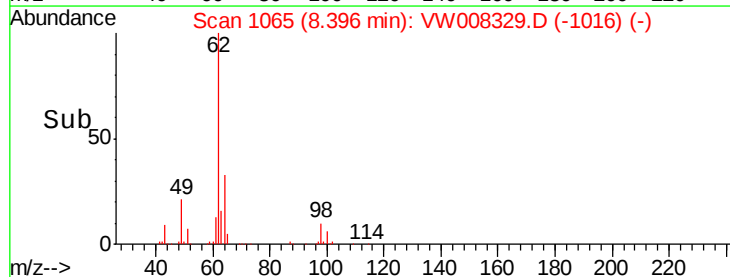
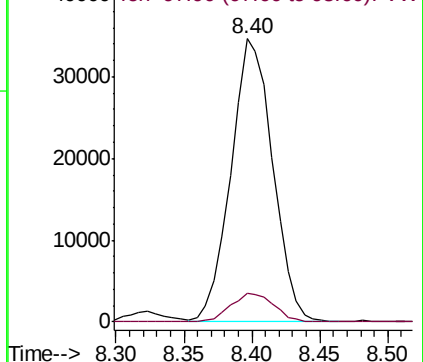


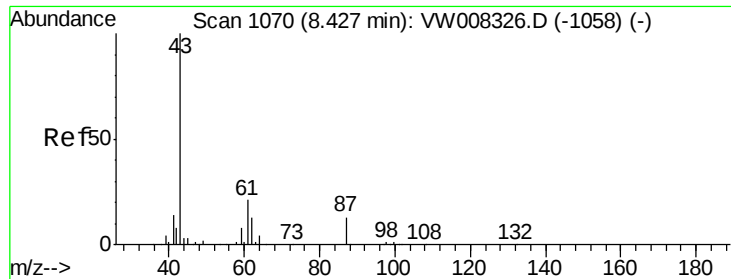
#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion:	62	Resp:	73715
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 51.408 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

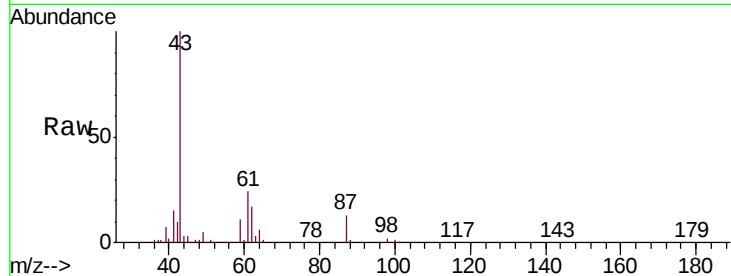
Tgt Ion: 43 Resp: 76062

Ion Ratio Lower Upper

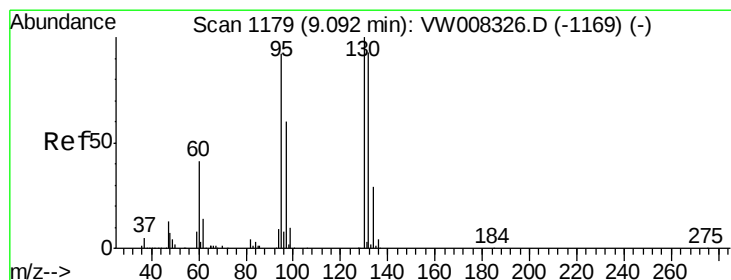
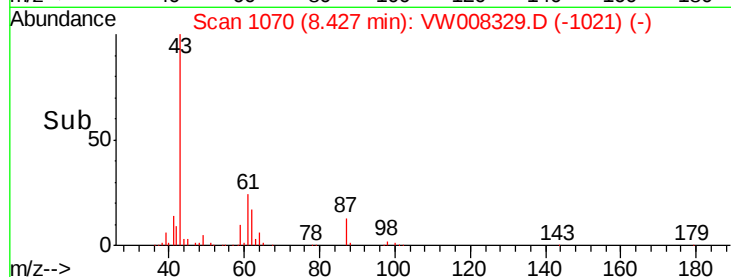
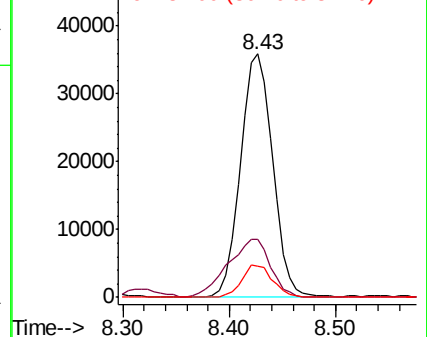
43 100

61 31.6 24.8 37.2

87 12.8 10.7 16.1



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: 52.012 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008329.D

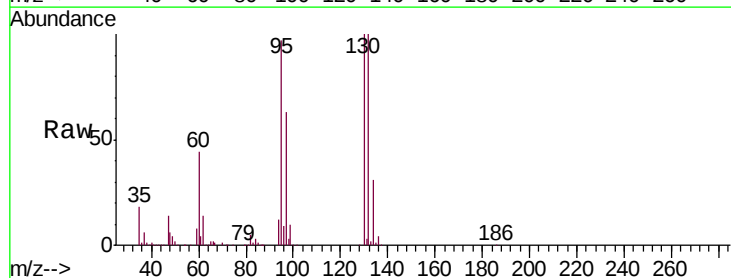
Acq: 17 Jan 2019 15:22

Tgt Ion: 130 Resp: 76672

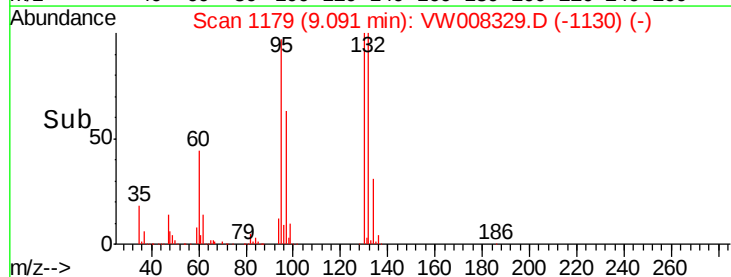
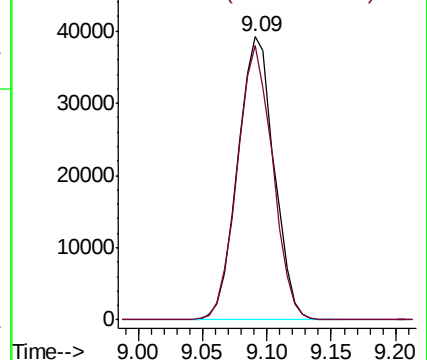
Ion Ratio Lower Upper

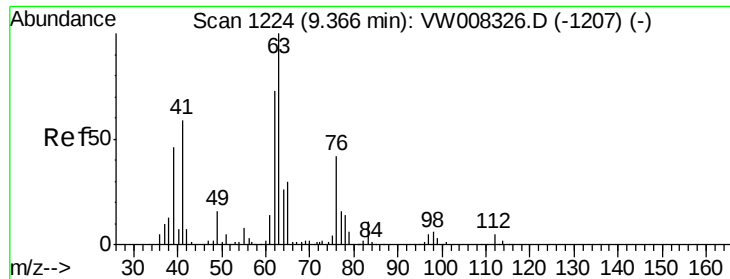
130 100

95 97.0 0.0 184.8



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

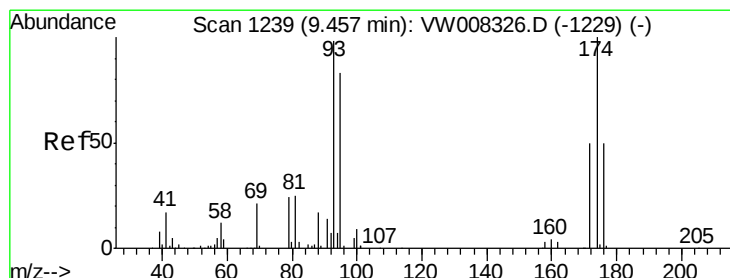
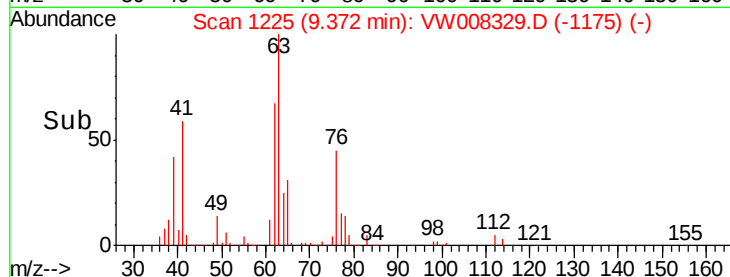
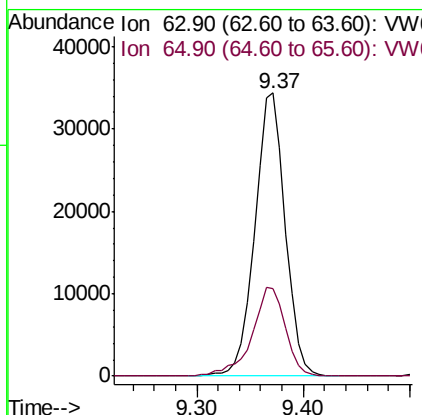
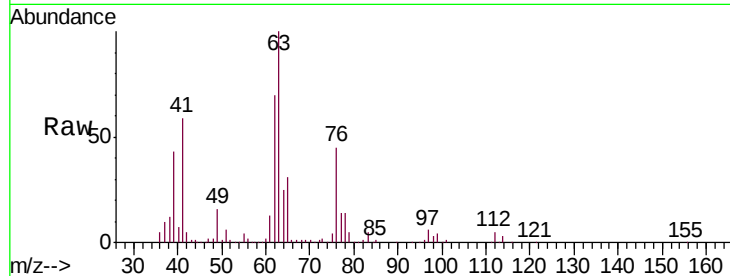




#45
 1,2-Dichloropropane
 Concen: 51.306 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

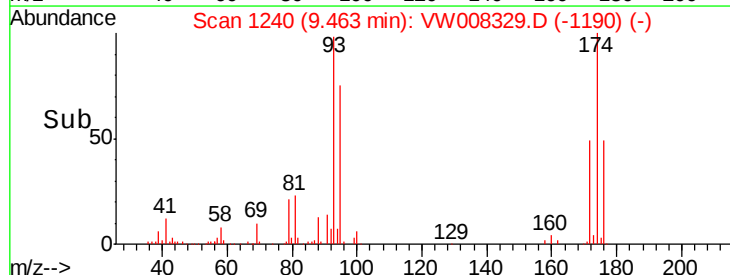
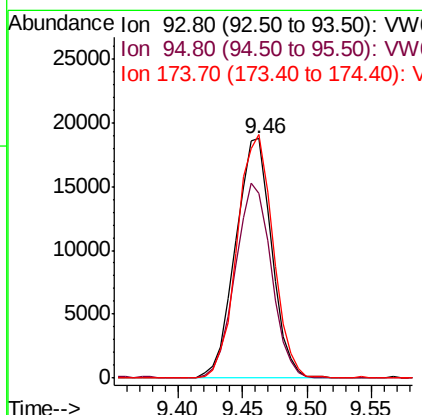
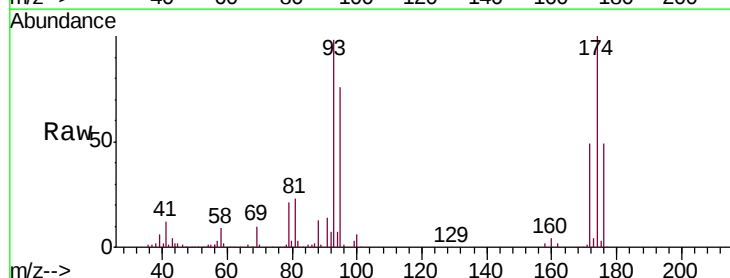
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

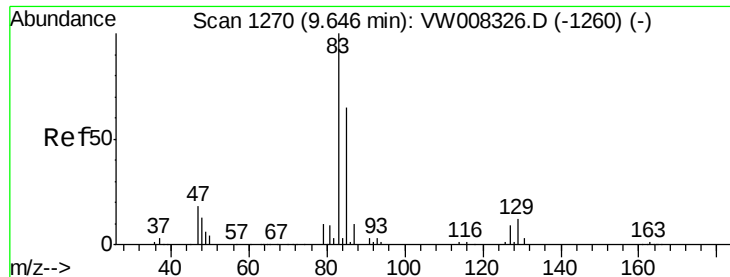
Tgt Ion: 63 Resp: 68571
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.9 35.9



#46
 Dibromomethane
 Concen: 52.183 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 93 Resp: 36350
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.8 101.8
 174 101.2 84.4 126.6





#47

Bromodichloromethane

Concen: 51.971 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

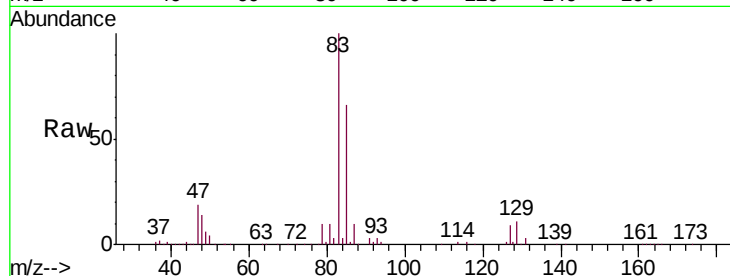
Tgt Ion: 83 Resp: 89299

Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4

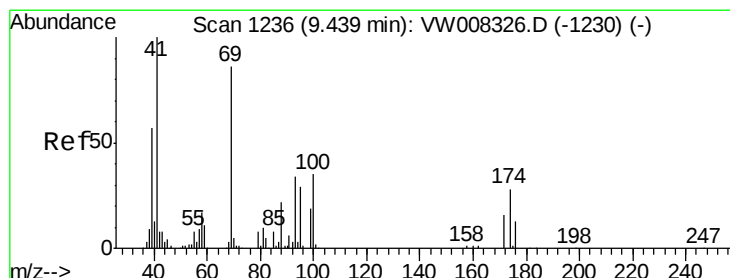
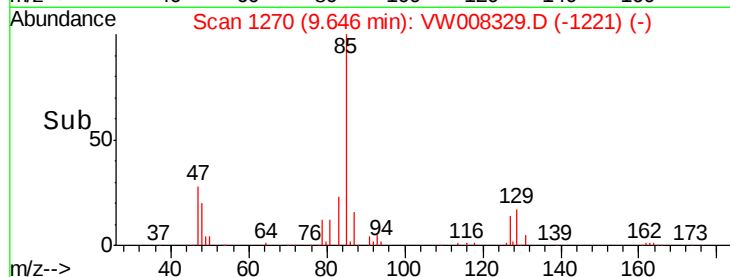
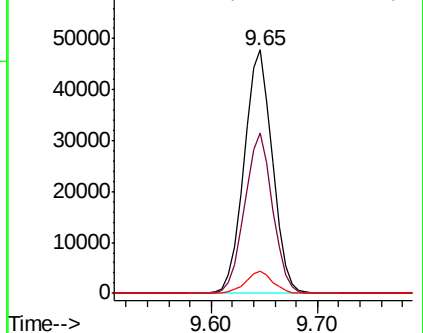
127 9.1 6.8 10.2



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: 52.560 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

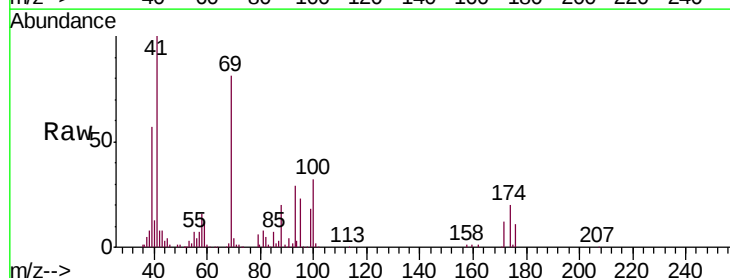
Tgt Ion: 41 Resp: 36609

Ion Ratio Lower Upper

41 100

69 87.0 68.2 102.4

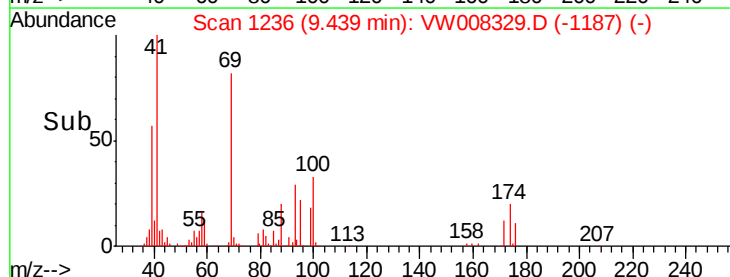
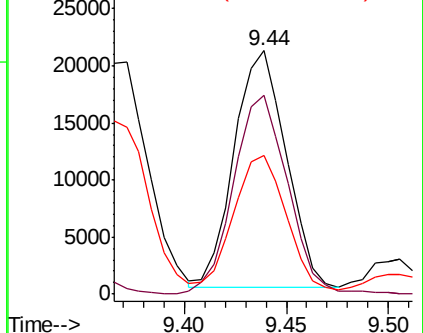
39 56.9 46.0 69.0

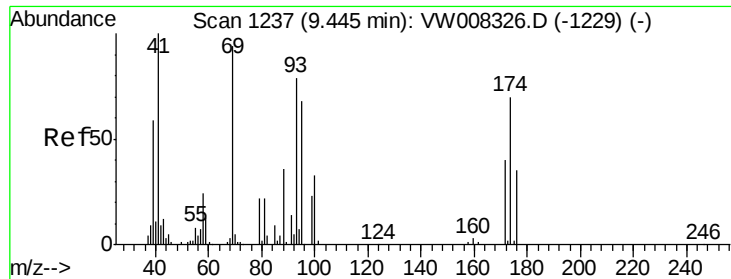


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

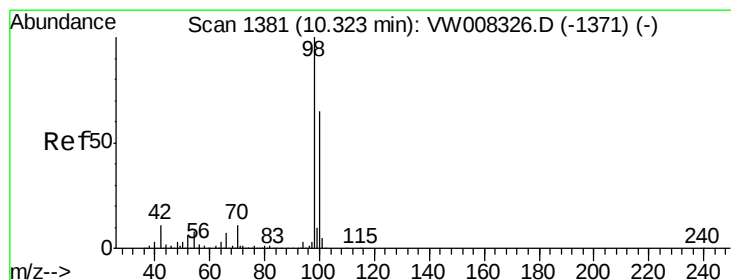
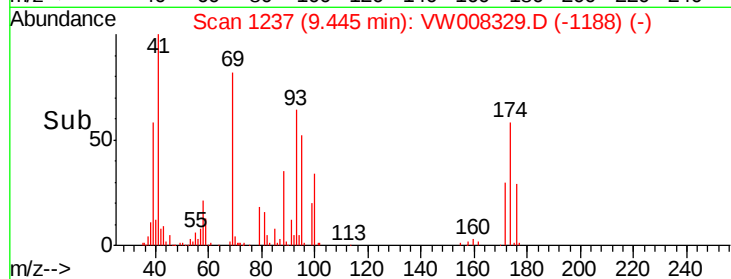
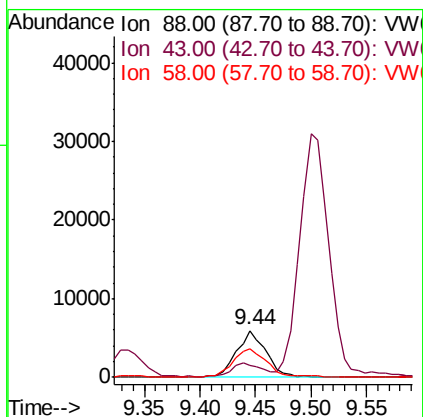
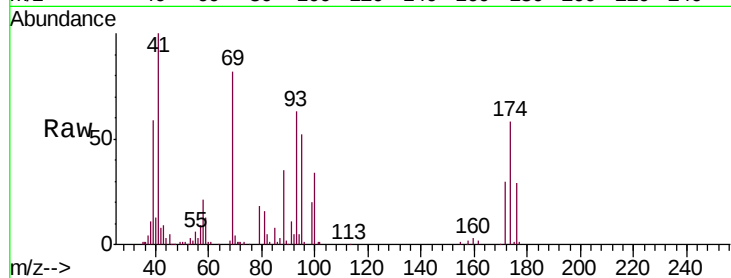




#49
 1,4-Dioxane
 Concen: 972.656 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

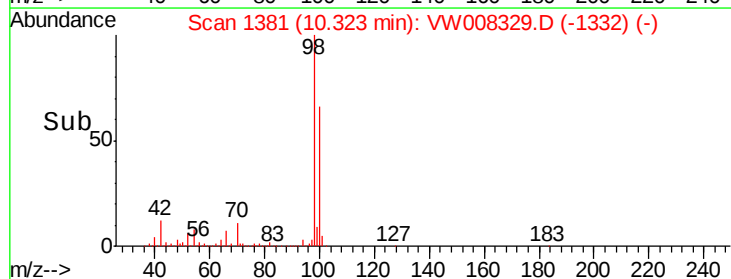
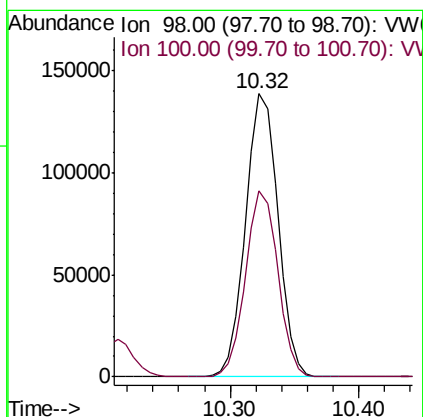
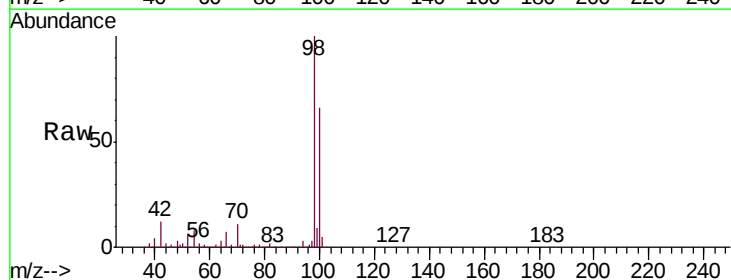
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

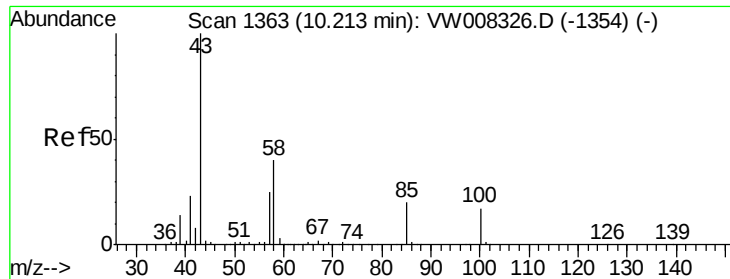
Tgt Ion: 88 Resp: 10907
 Ion Ratio Lower Upper
 88 100
 43 31.9 27.1 40.7
 58 69.5 57.9 86.9



#50
 Toluene-d8
 Concen: 51.035 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 98 Resp: 241628
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.8 77.8

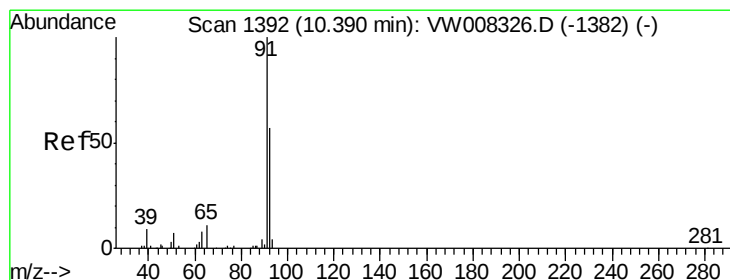
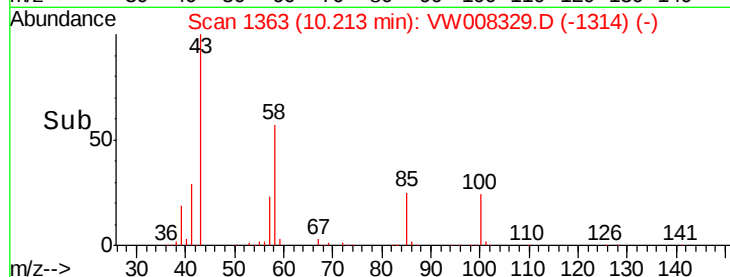
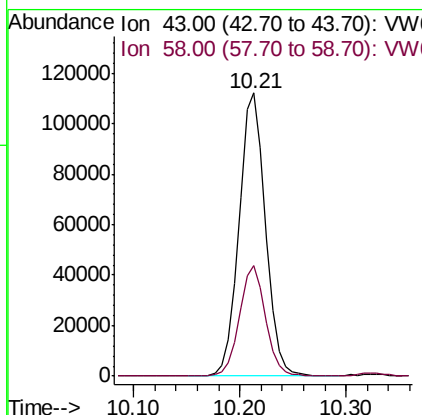
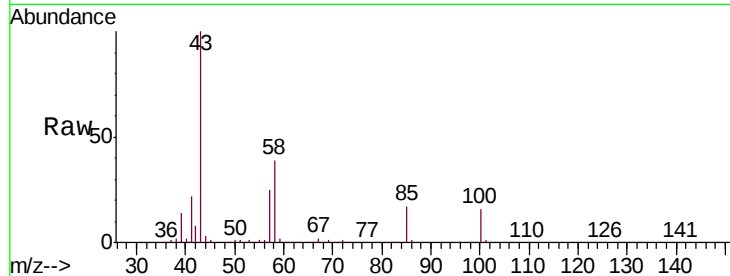




#51
 4-Methyl-2-Pentanone
 Concen: 259.922 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

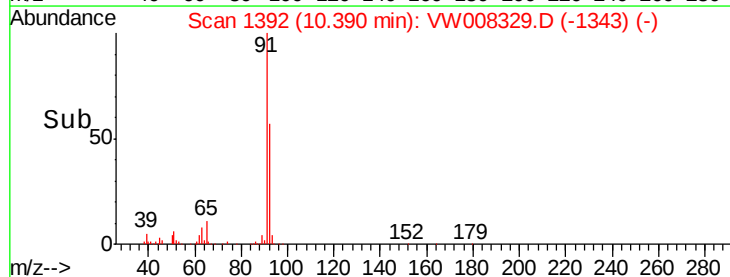
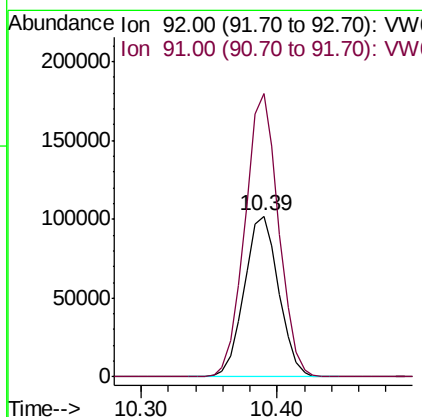
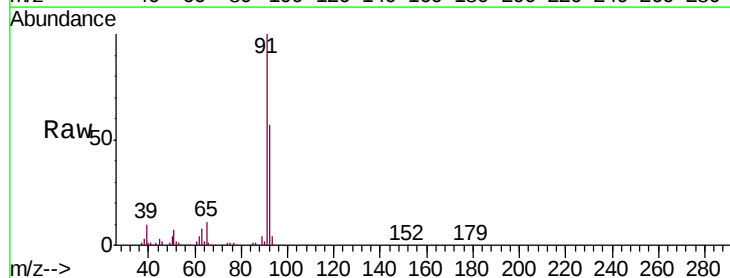
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

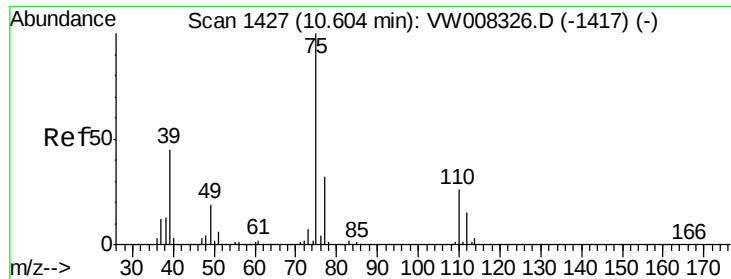
Tgt Ion: 43 Resp: 194733
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.4 47.0



#52
 Toluene
 Concen: 52.989 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 92 Resp: 180429
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 53.302 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

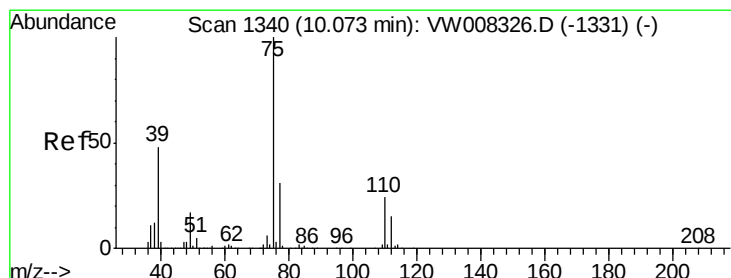
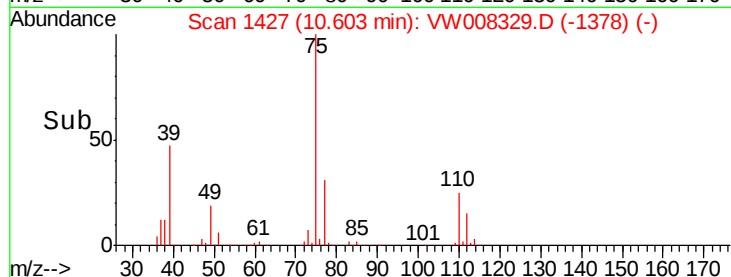
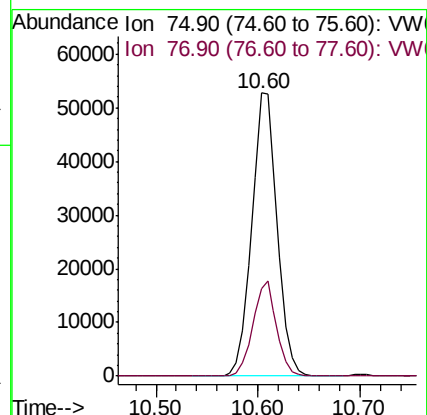
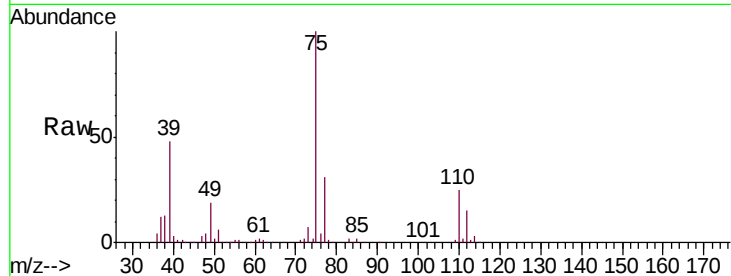
ICVW011719

Tgt Ion: 75 Resp: 91409

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 53.180 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

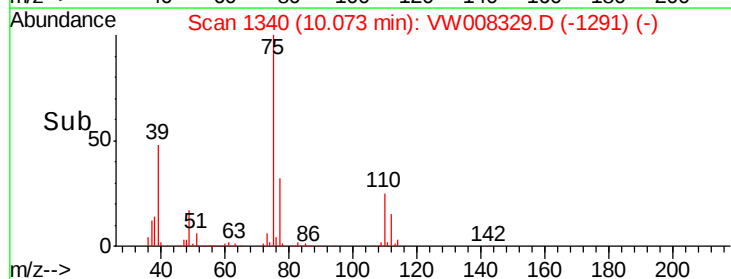
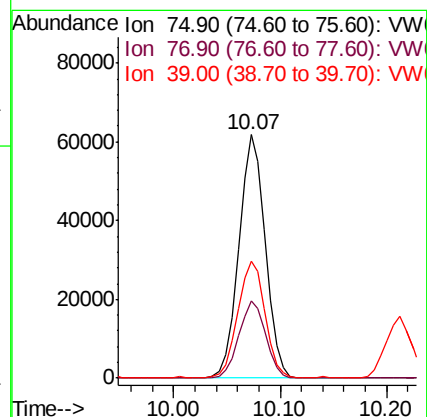
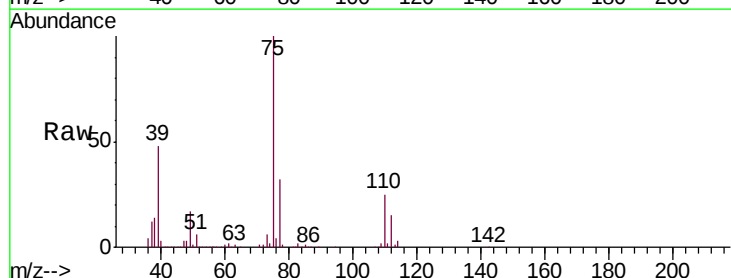
Tgt Ion: 75 Resp: 107508

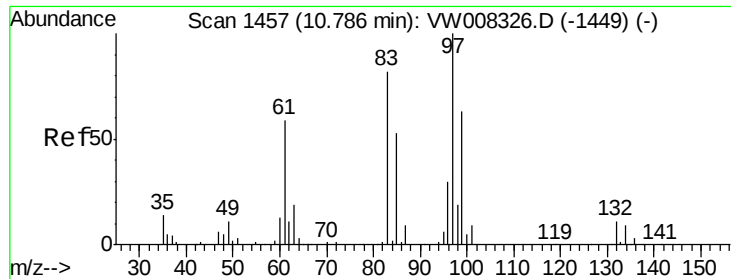
Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6

39 47.9 38.6 57.8

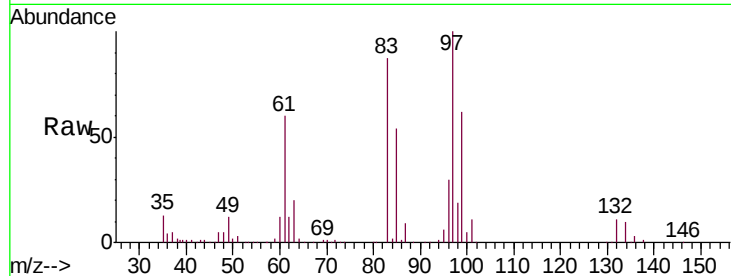




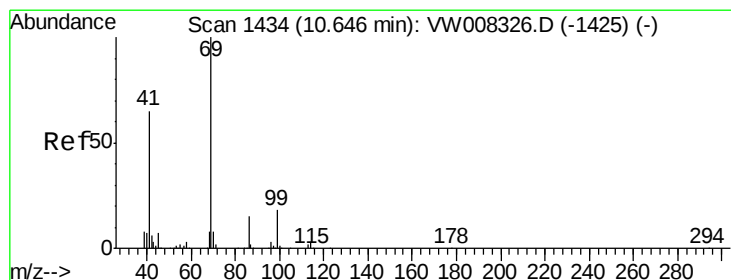
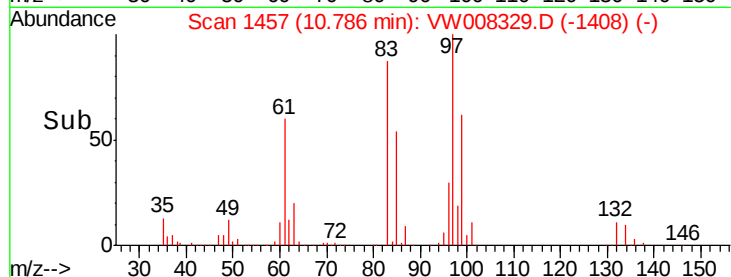
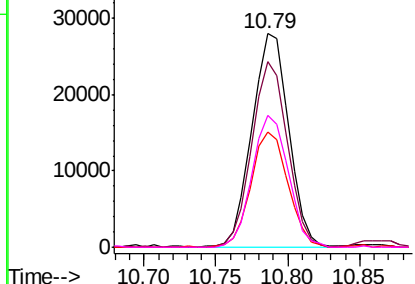
#55
 1,1,2-Trichloroethane
 Concen: 51.307 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Tgt Ion:	97	Resp:	49571
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.3	97.9
85	53.7	42.6	64.0
99	62.0	50.2	75.2

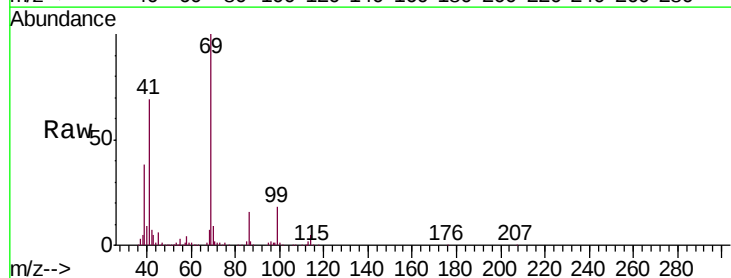


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

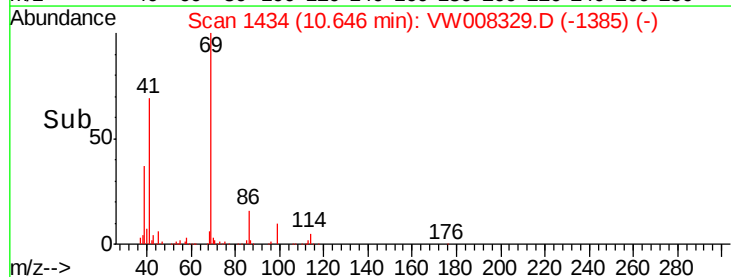
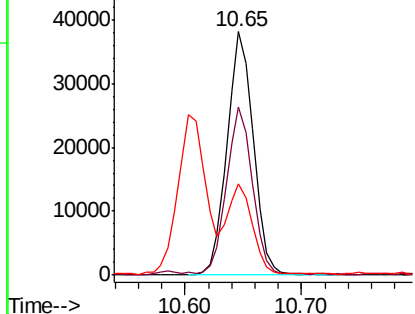


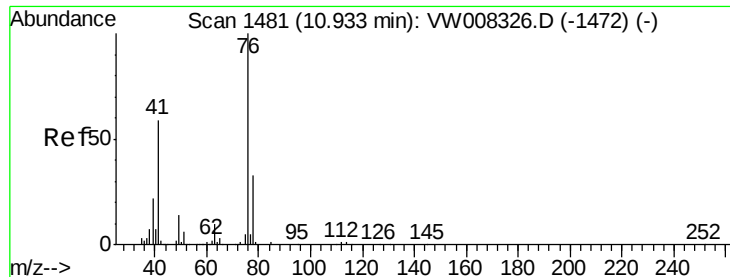
#56
 Ethyl methacrylate
 Concen: 52.903 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion:	69	Resp:	60028
Ion	Ratio	Lower	Upper
69	100		
41	67.0	52.9	79.3
39	35.1	28.4	42.6



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

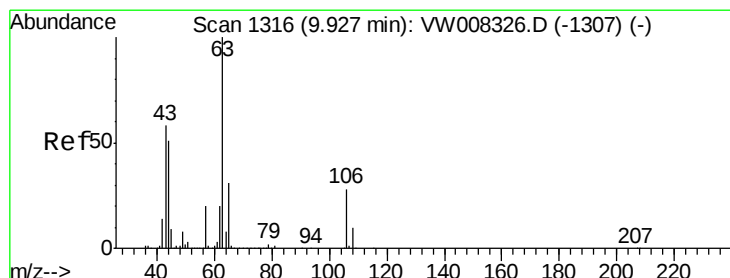
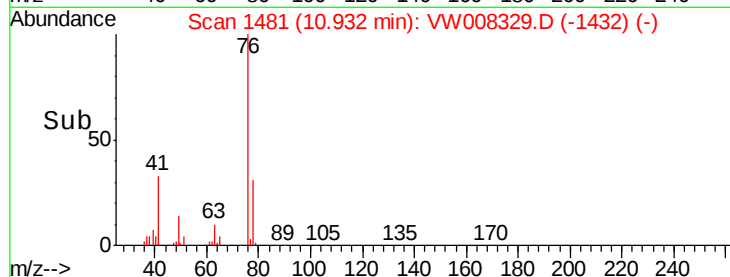
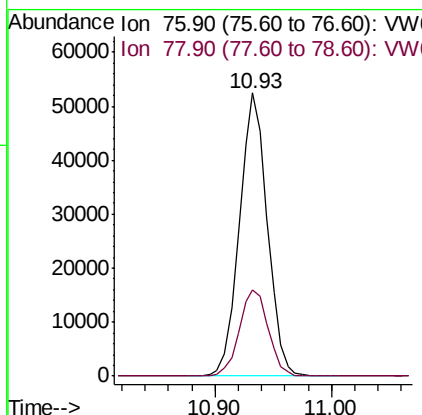
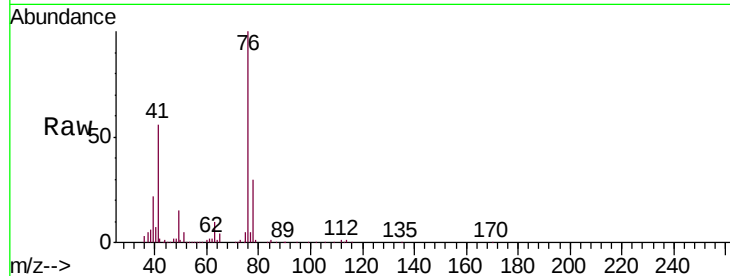




#57
 1,3-Dichloropropane
 Concen: 51.983 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

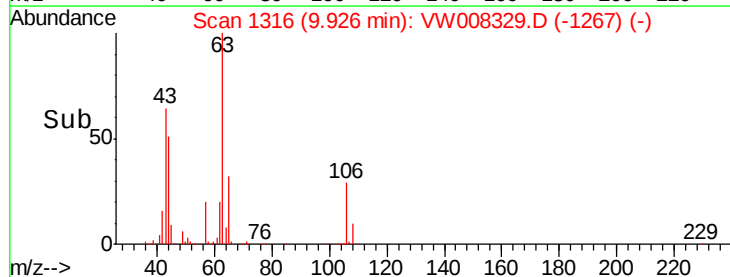
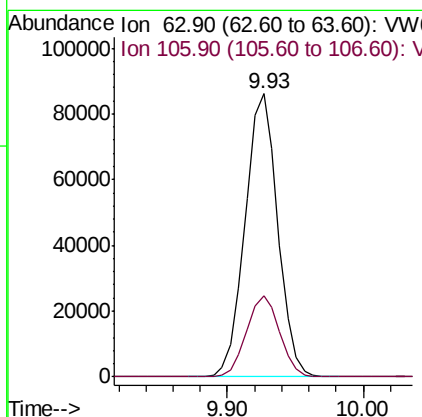
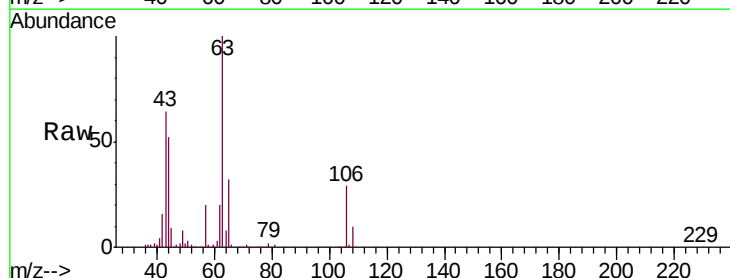
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

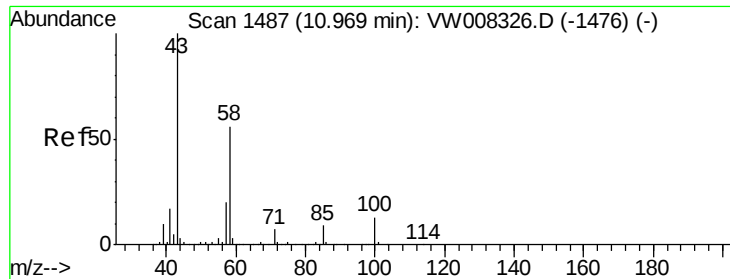
Tgt Ion: 76 Resp: 87205
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.953 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 63 Resp: 145013
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.9 34.3





#59

2-Hexanone

Concen: 269.409 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

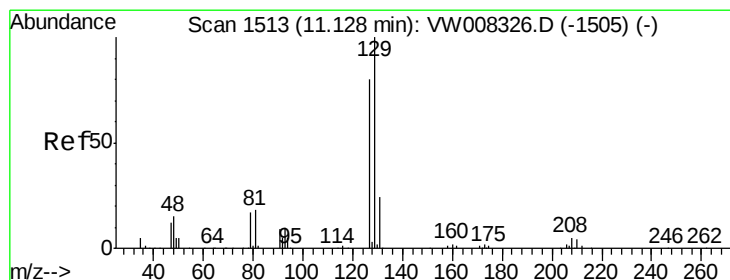
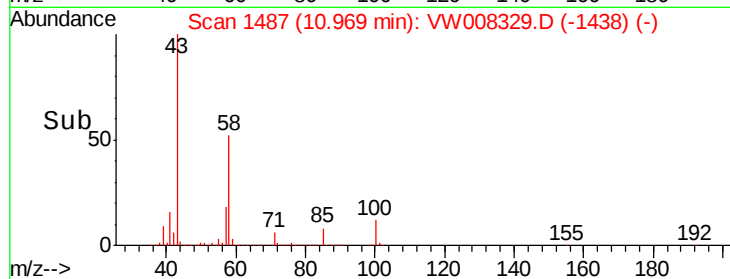
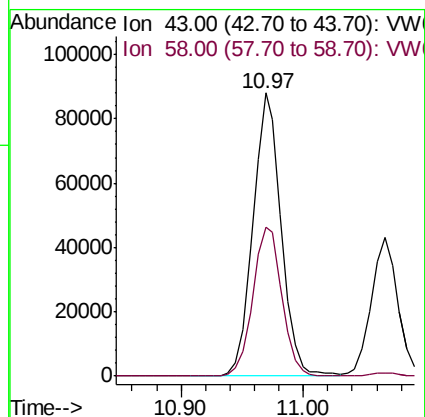
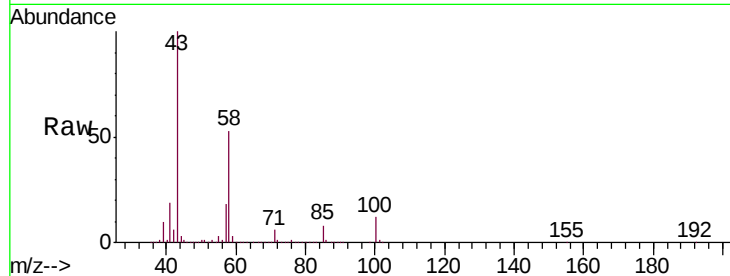
ICVW011719

Tgt Ion: 43 Resp: 141422

Ion Ratio Lower Upper

43 100

58 54.3 27.5 82.5



#60

Dibromochloromethane

Concen: 52.688 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008329.D

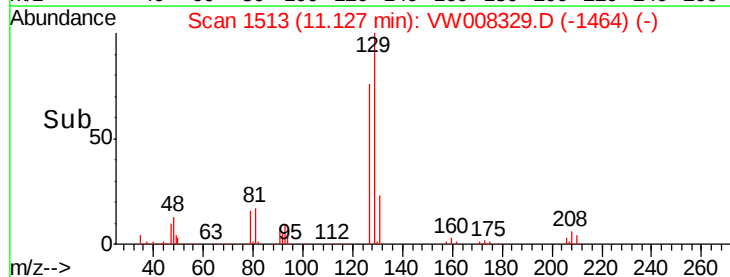
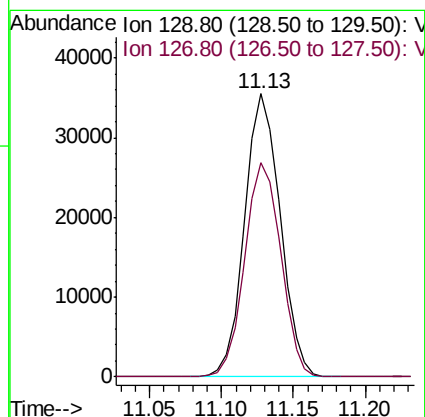
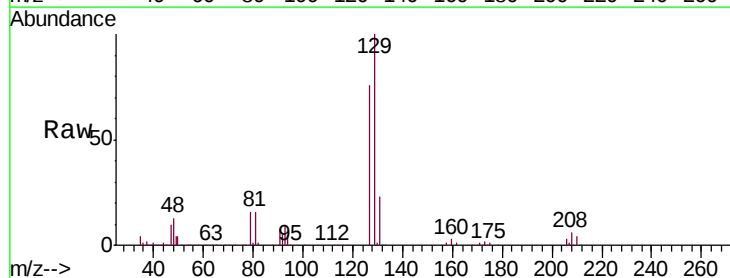
Acq: 17 Jan 2019 15:22

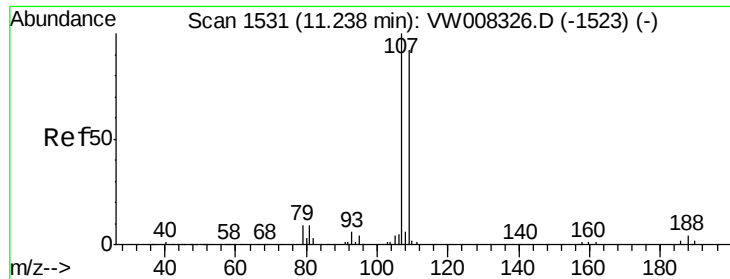
Tgt Ion: 129 Resp: 60754

Ion Ratio Lower Upper

129 100

127 76.9 39.1 117.2

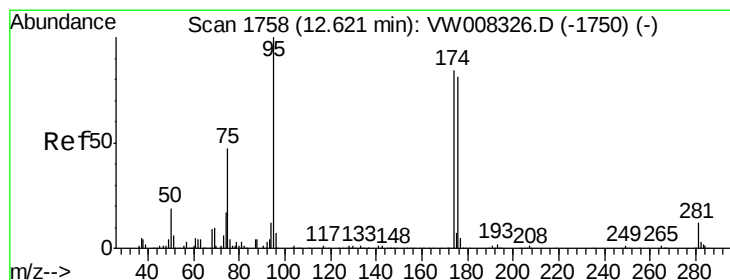
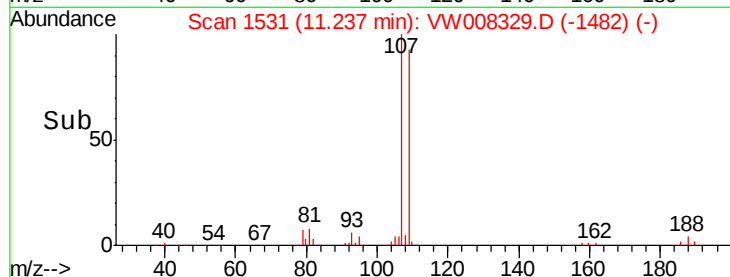
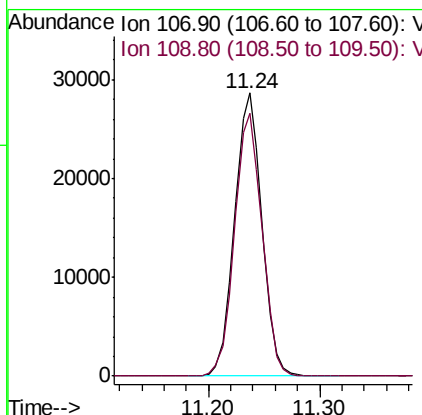
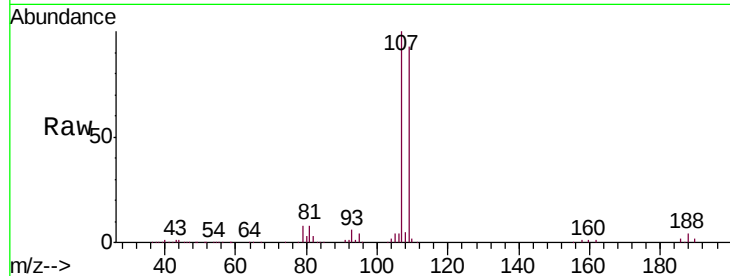




#61
 1,2-Dibromoethane
 Concen: 51.771 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

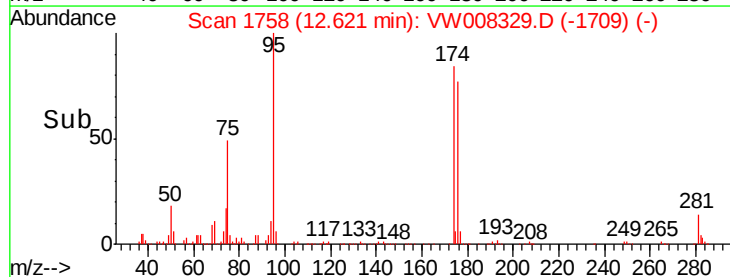
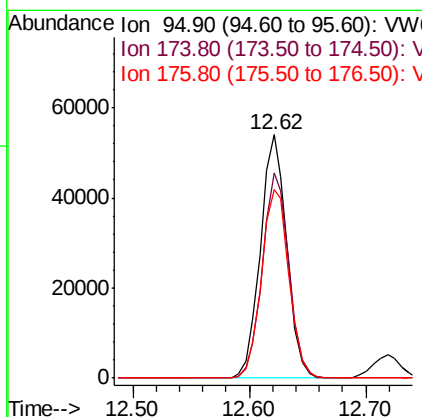
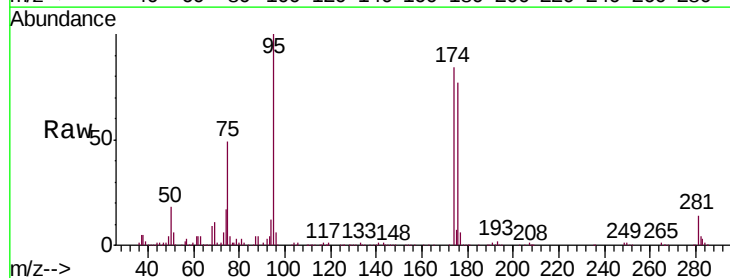
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

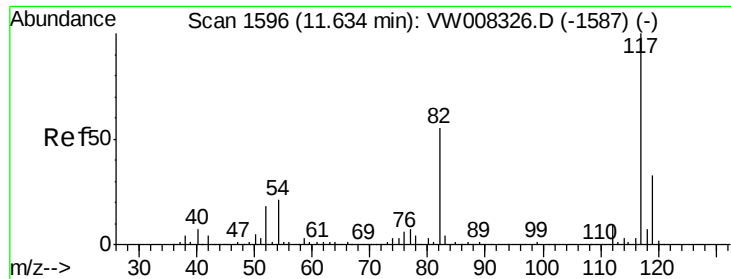
Tgt Ion: 107 Resp: 48436
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 49.991 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 95 Resp: 84886
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 166.0
 176 80.8 0.0 160.0

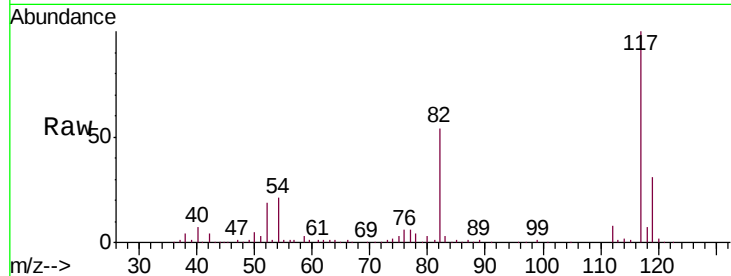




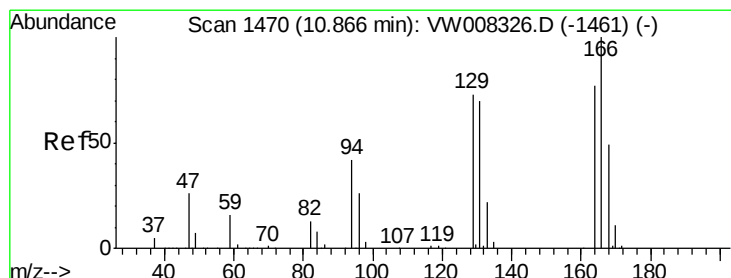
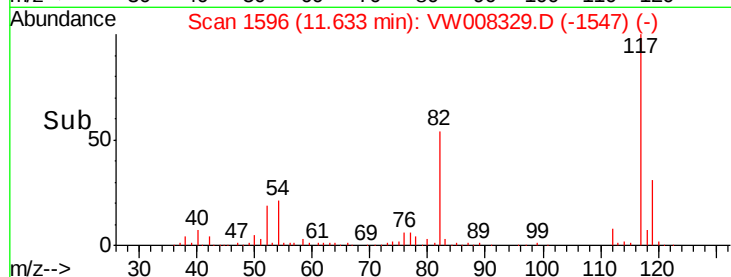
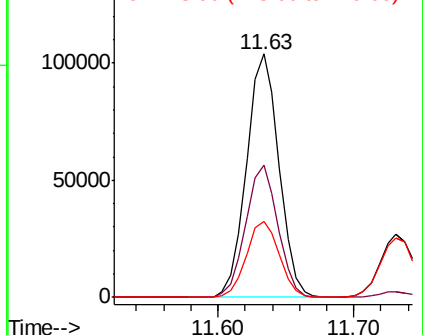
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tgt Ion:117 Resp: 173629
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.4 26.3 39.5

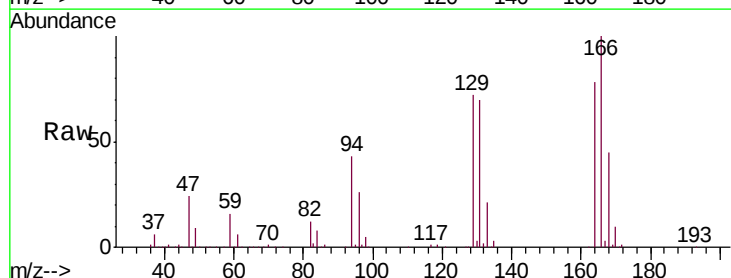


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

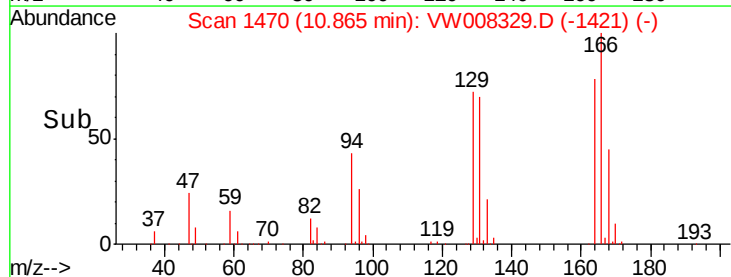
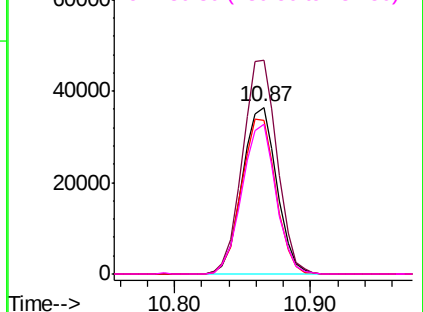


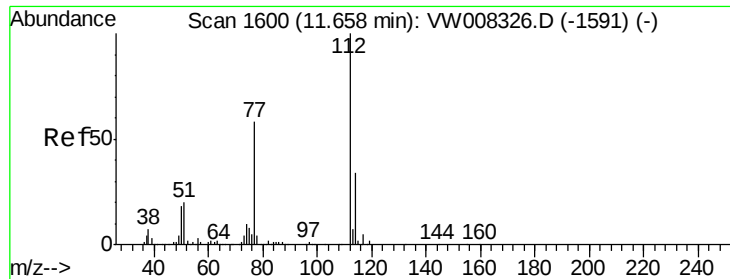
#64
Tetrachloroethene
Concen: 53.194 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion:164 Resp: 64761
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 92.5 75.0 112.6
131 89.7 72.9 109.3



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

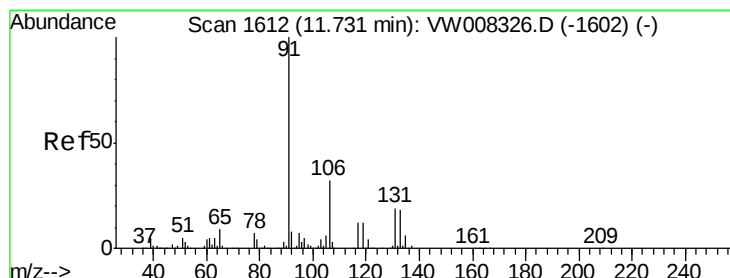
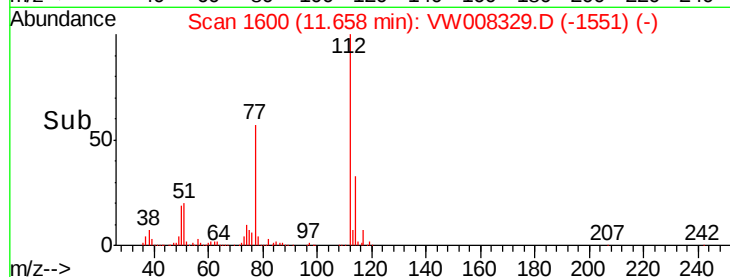
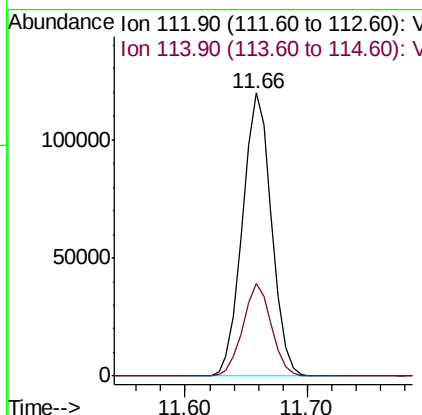
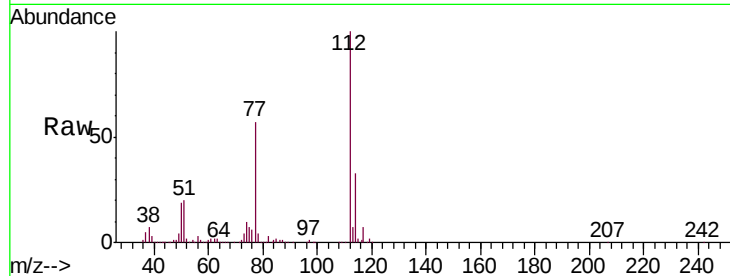




#65
Chlorobenzene
Concen: 52.060 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

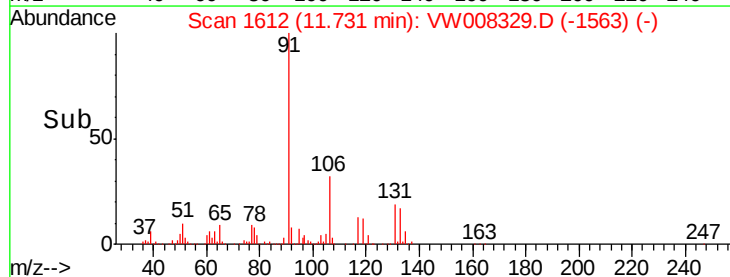
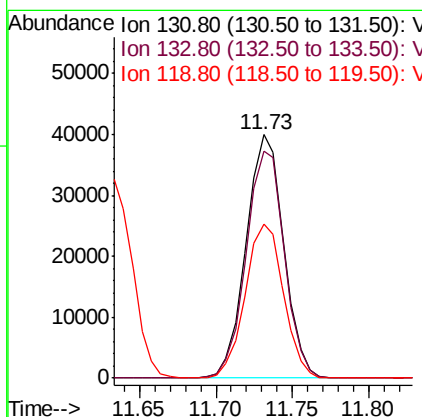
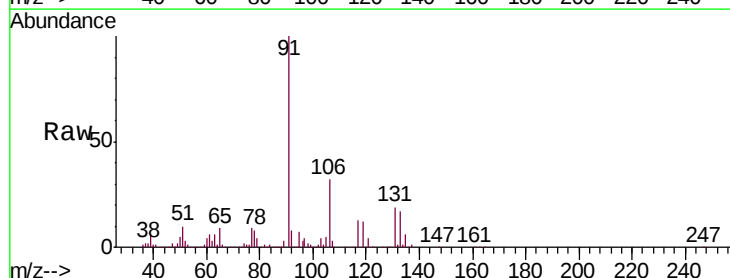
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

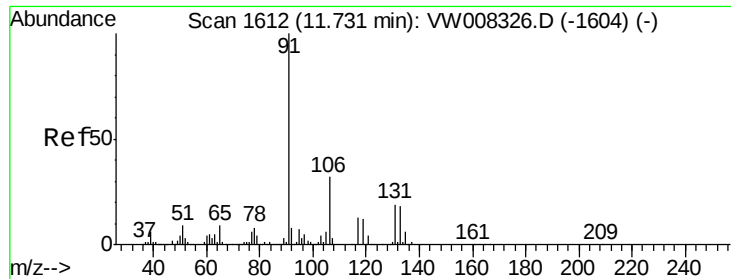
Tgt Ion:112 Resp: 197163
Ion Ratio Lower Upper
112 100
114 32.6 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.381 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion:131 Resp: 68277
Ion Ratio Lower Upper
131 100
133 94.9 48.2 144.6
119 64.6 31.6 94.7

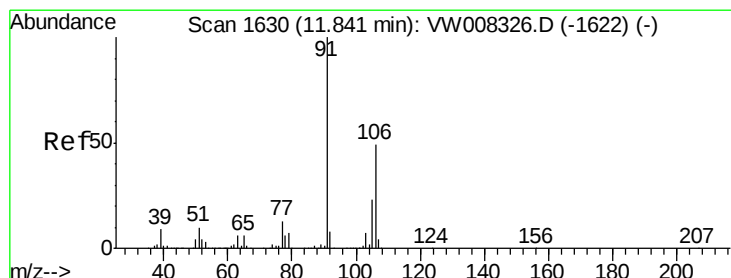
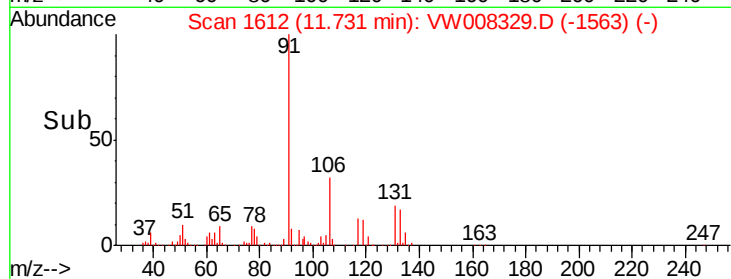
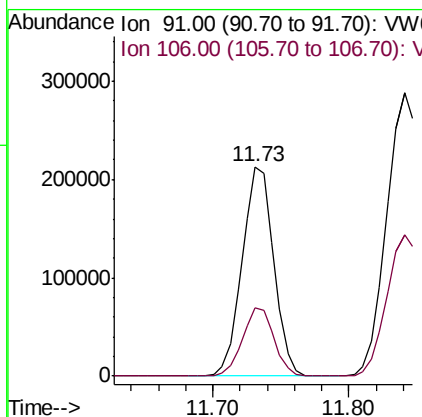
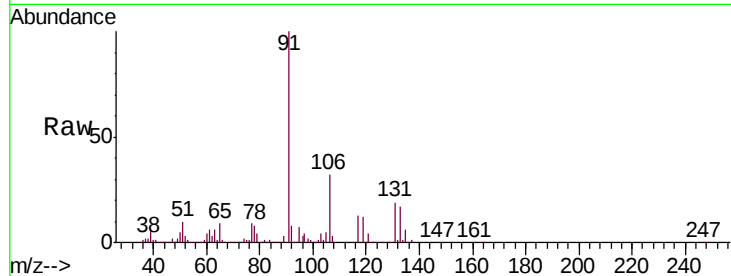




#67
Ethyl Benzene
Concen: 52.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

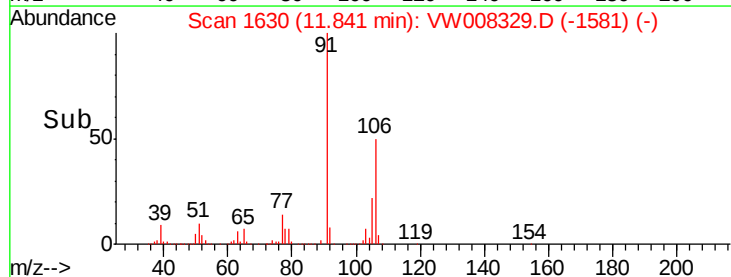
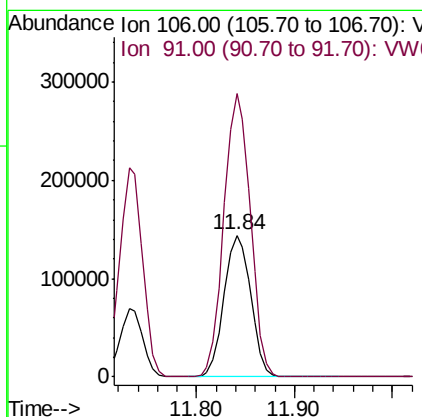
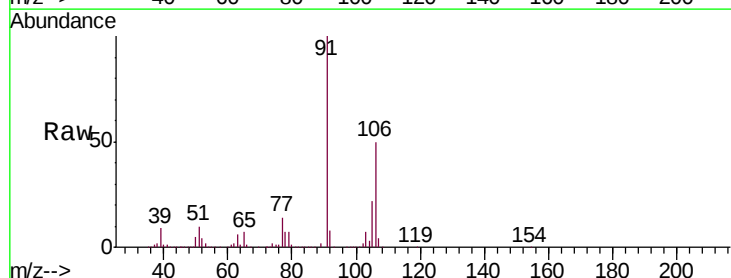
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

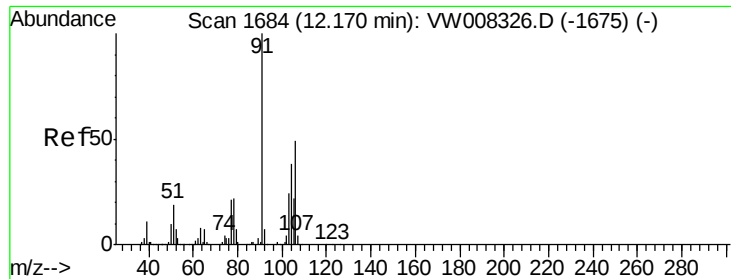
Tgt Ion: 91 Resp: 345708
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 106.972 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 106 Resp: 273035
Ion Ratio Lower Upper
106 100
91 198.1 158.4 237.6

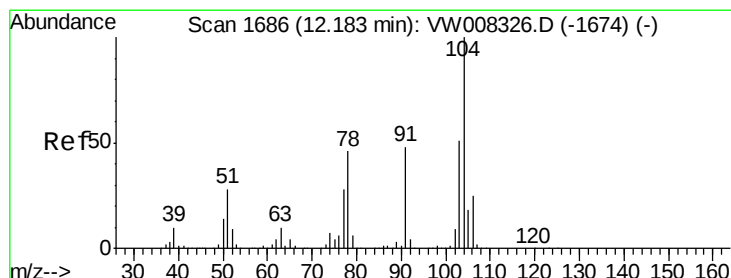
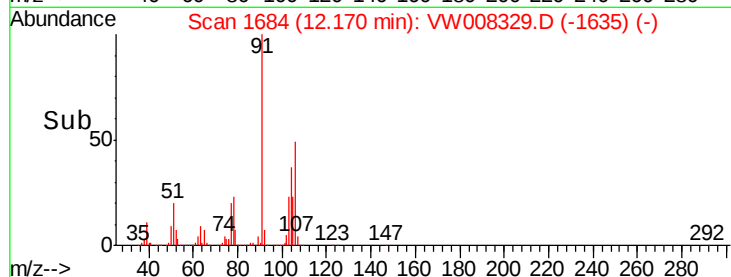
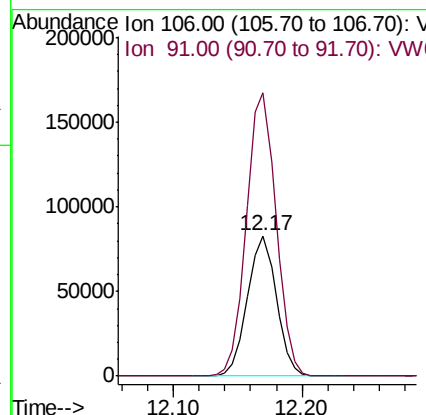
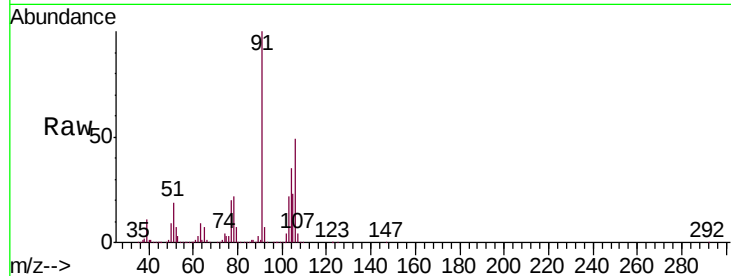




#69
o-Xylene
Concen: 53.974 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

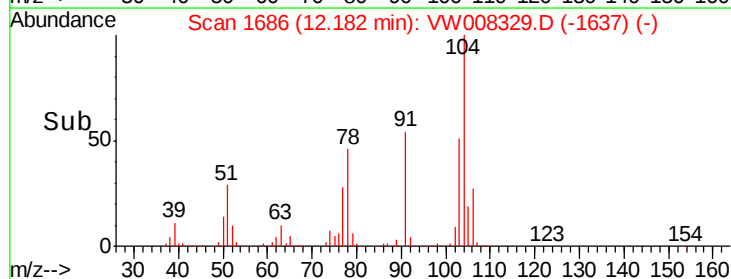
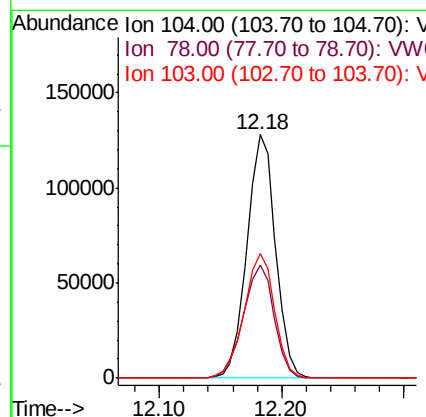
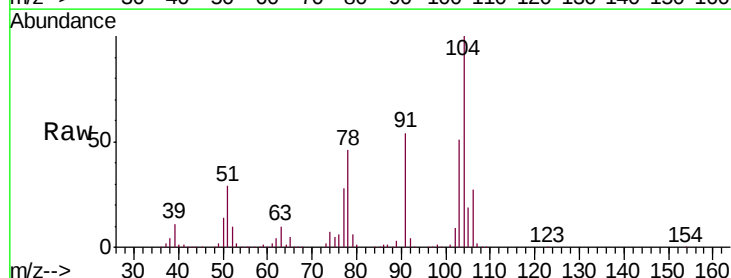
Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

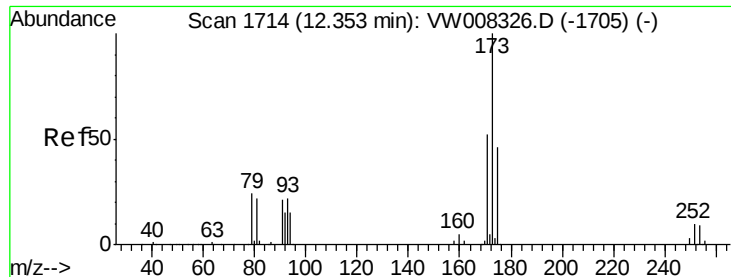
Tgt Ion:106 Resp: 128706
Ion Ratio Lower Upper
106 100
91 206.2 104.1 312.3



#70
Styrene
Concen: 54.154 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion:104 Resp: 207428
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.6
103 54.7 44.0 66.0





#71

Bromoform

Concen: 52.679 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

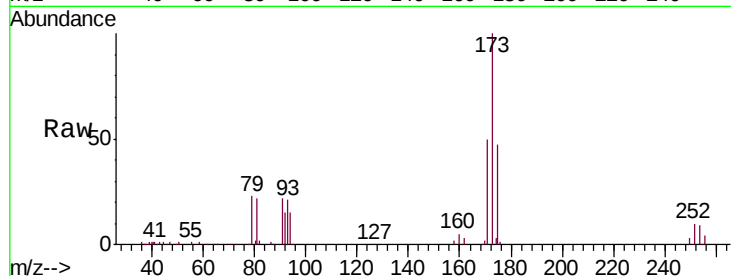
Tgt Ion:173 Resp: 34206

Ion Ratio Lower Upper

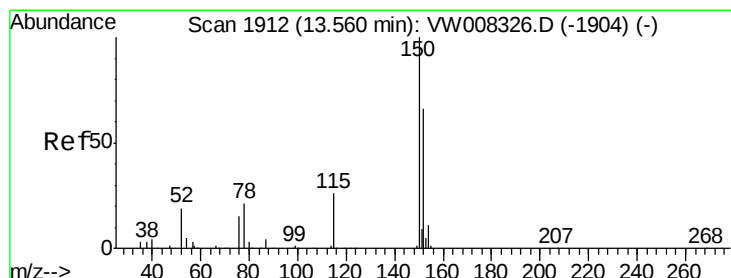
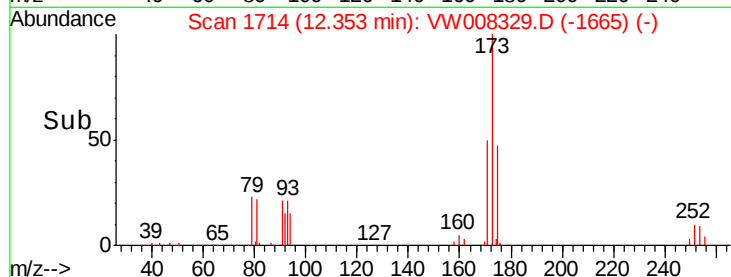
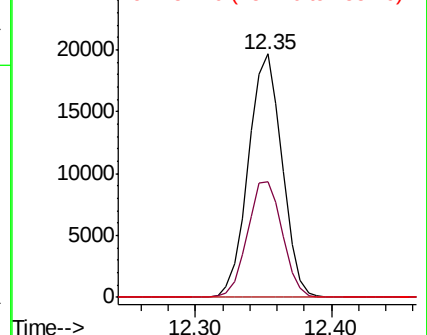
173 100

175 49.3 23.6 70.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

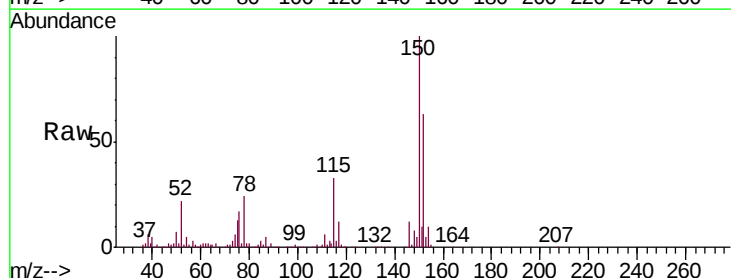
Tgt Ion:152 Resp: 87206

Ion Ratio Lower Upper

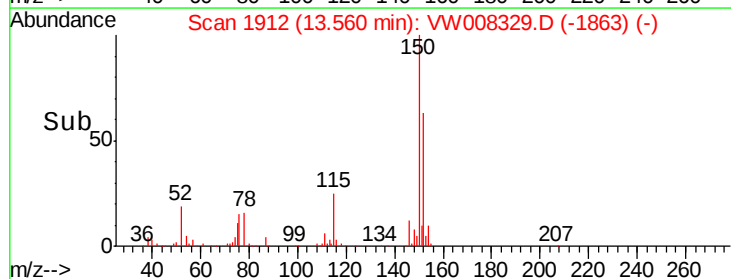
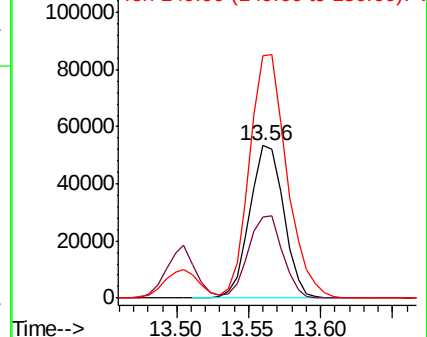
152 100

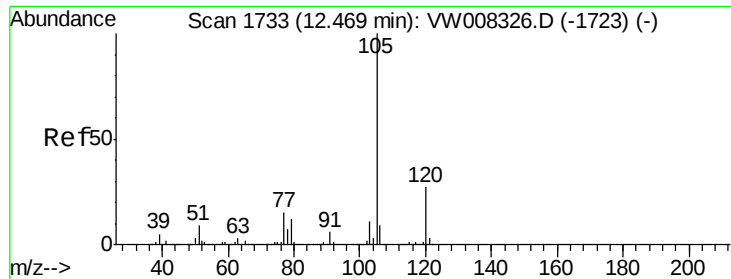
115 54.6 28.8 86.4

150 175.0 0.0 351.4



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





#73

Isopropylbenzene

Concen: 54.744 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

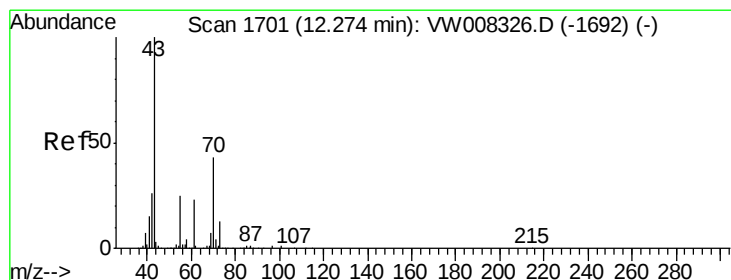
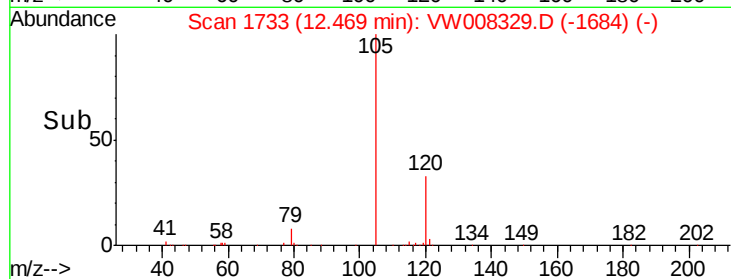
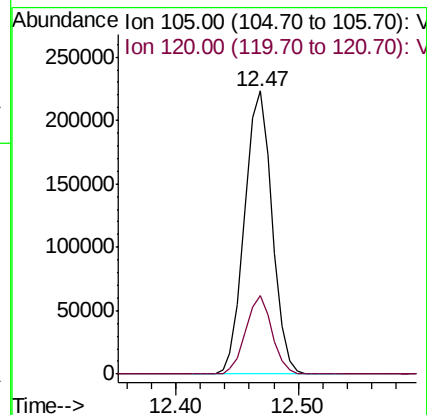
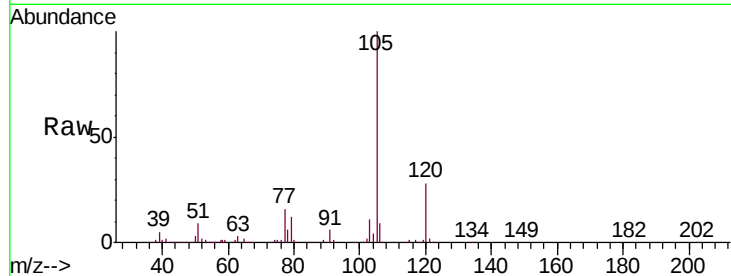
ICVW011719

Tgt Ion:105 Resp: 347849

Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.8



#74

N-ethyl acetate

Concen: 52.507 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Tgt Ion: 43 Resp: 71499

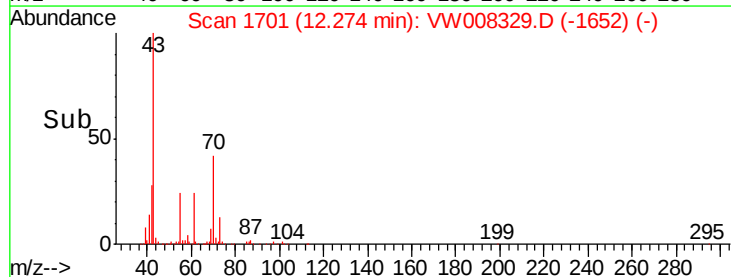
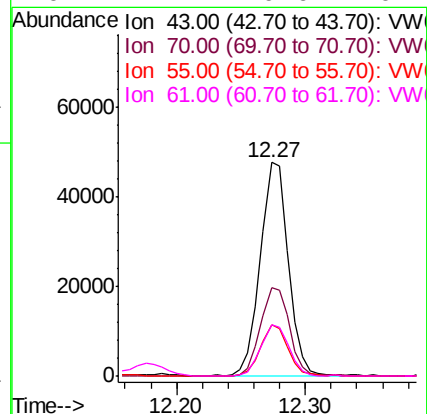
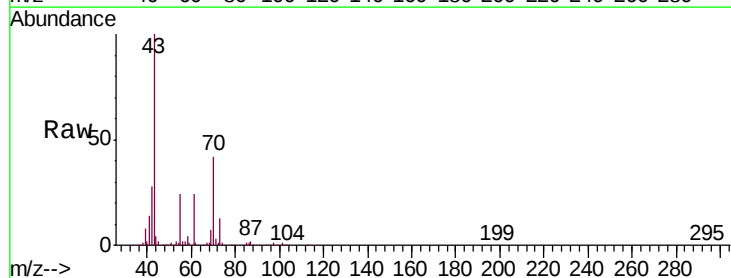
Ion Ratio Lower Upper

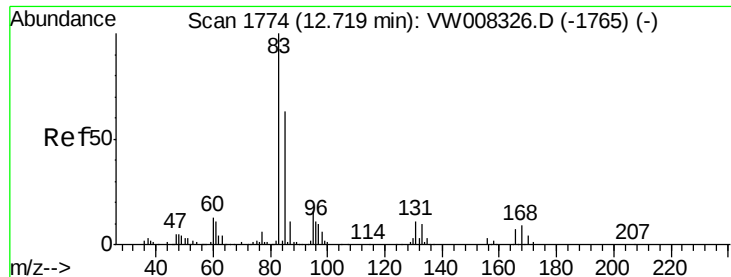
43 100

70 43.2 34.6 52.0

55 23.7 20.0 30.0

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.572 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

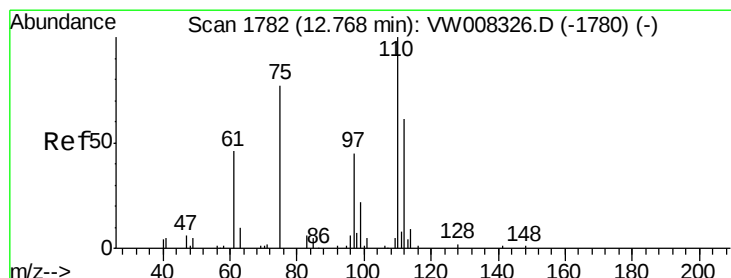
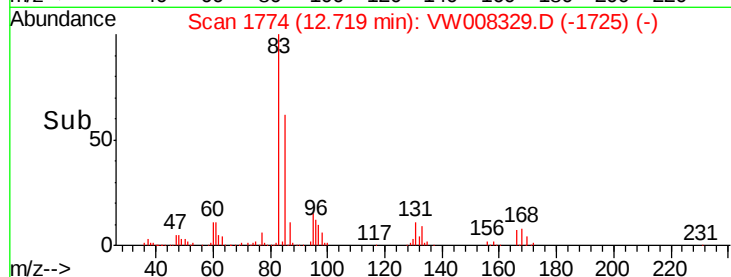
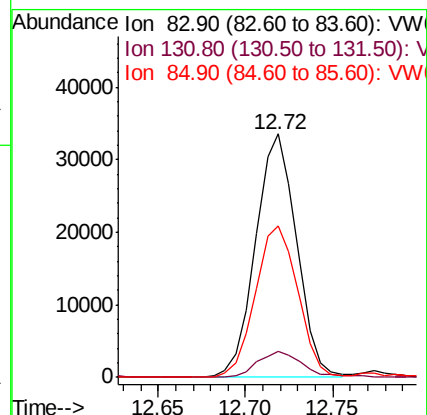
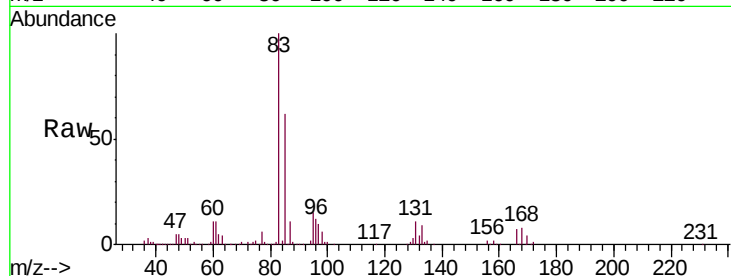
Tgt Ion: 83 Resp: 54657

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.5

85 64.7 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 91.219 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008329.D

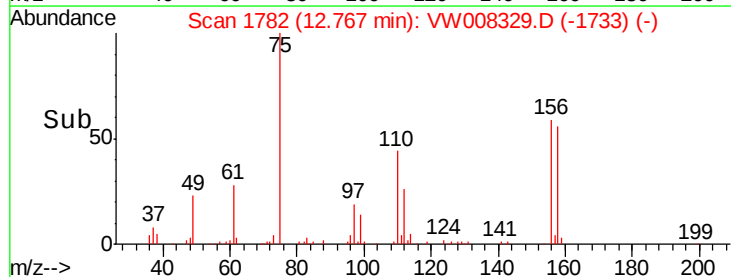
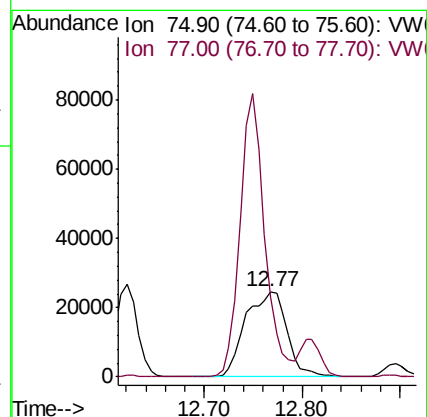
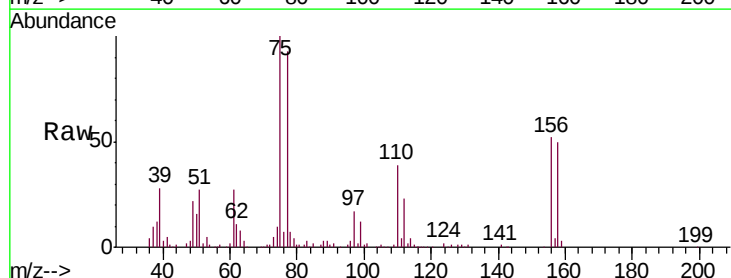
Acq: 17 Jan 2019 15:22

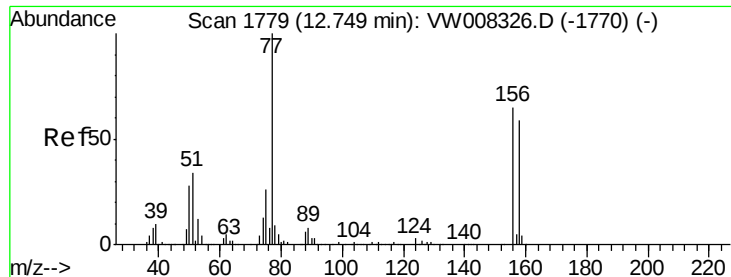
Tgt Ion: 75 Resp: 72441

Ion Ratio Lower Upper

75 100

77 199.3 175.3 526.1





#77

Bromobenzene

Concen: 53.036 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

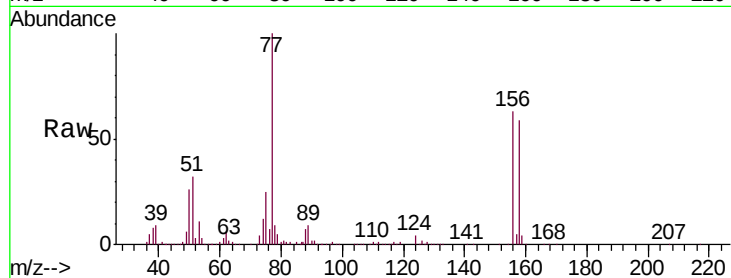
Tgt Ion:156 Resp: 80946

Ion Ratio Lower Upper

156 100

77 178.3 88.3 264.9

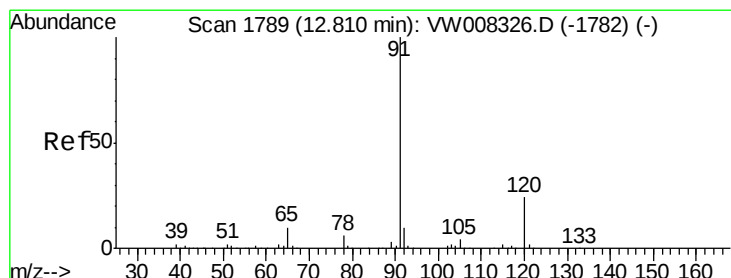
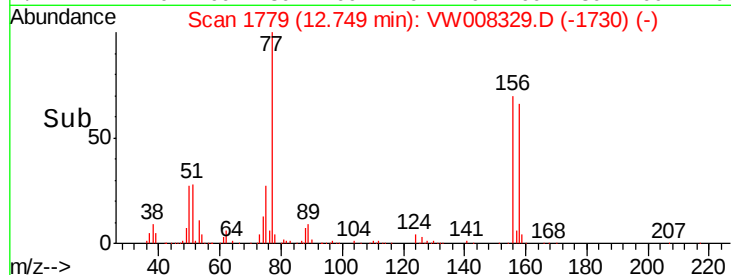
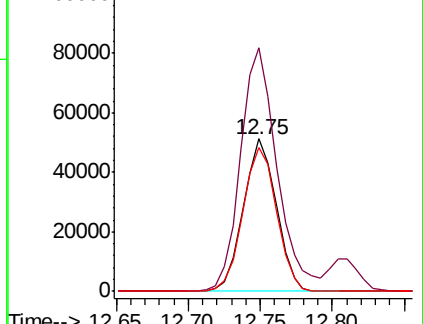
158 96.4 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.792 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008329.D

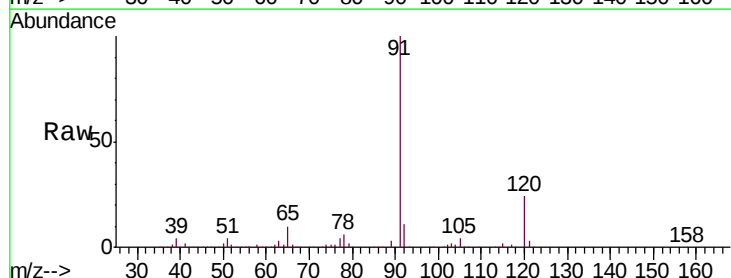
Acq: 17 Jan 2019 15:22

Tgt Ion: 91 Resp: 413704

Ion Ratio Lower Upper

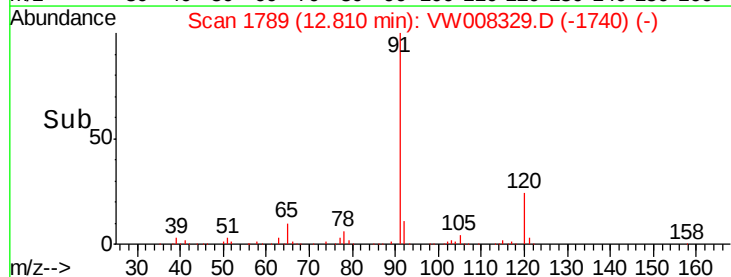
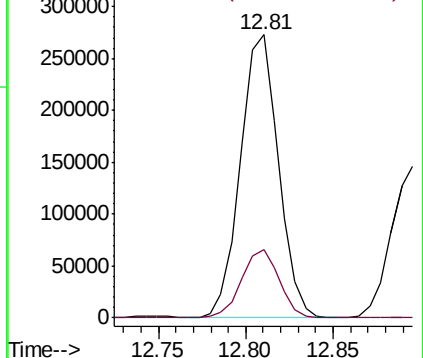
91 100

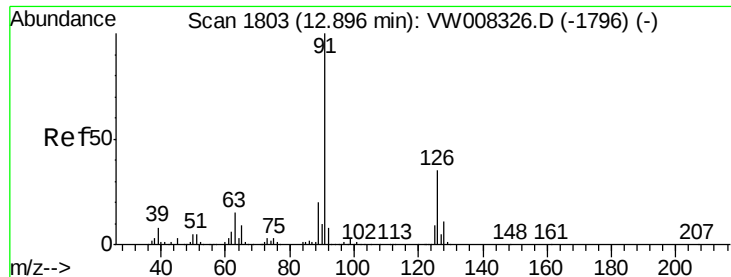
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.858 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

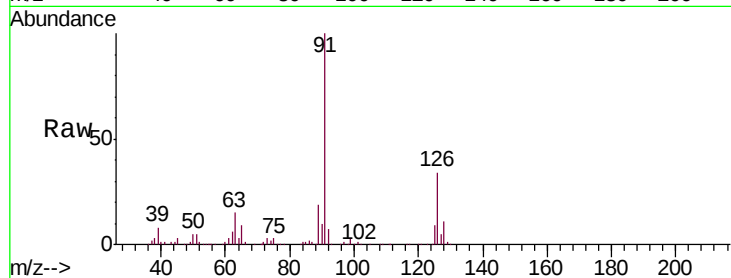
ICVW011719

Tgt Ion: 91 Resp: 232269

Ion Ratio Lower Upper

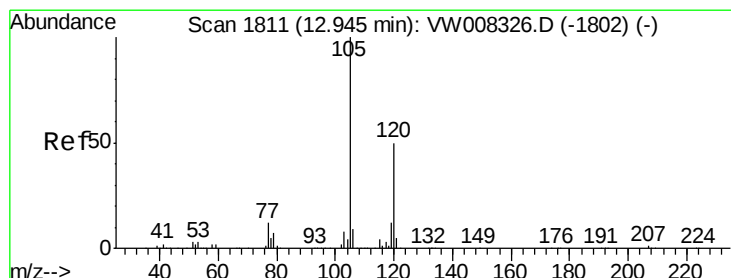
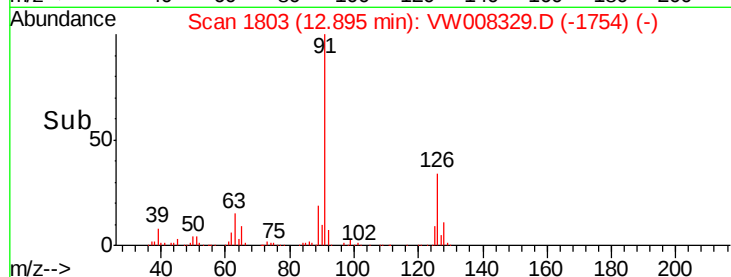
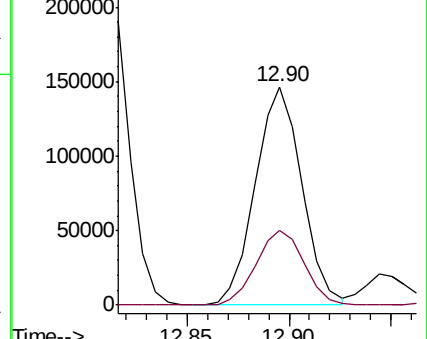
91 100

126 35.2 17.5 52.6



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: 53.772 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008329.D

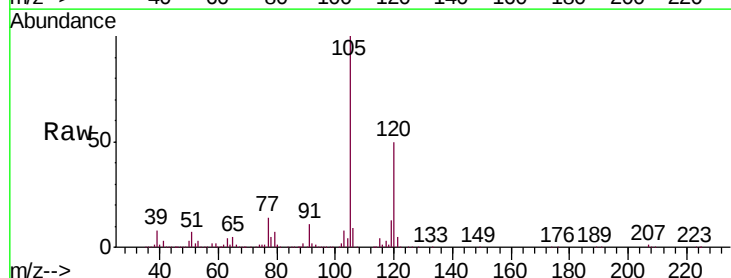
Acq: 17 Jan 2019 15:22

Tgt Ion: 105 Resp: 285114

Ion Ratio Lower Upper

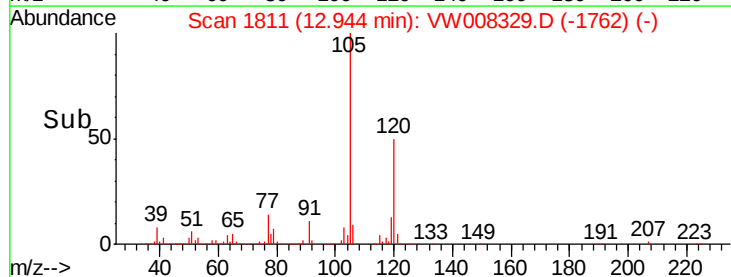
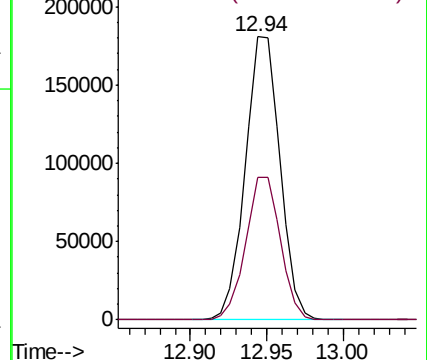
105 100

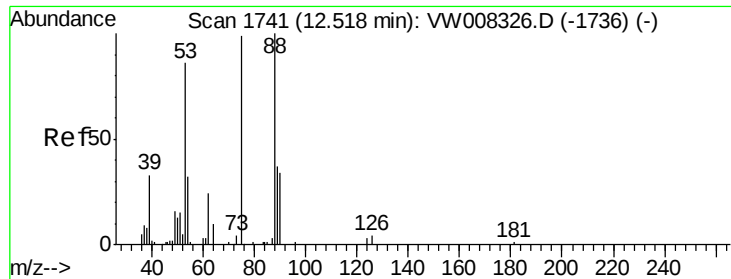
120 50.4 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

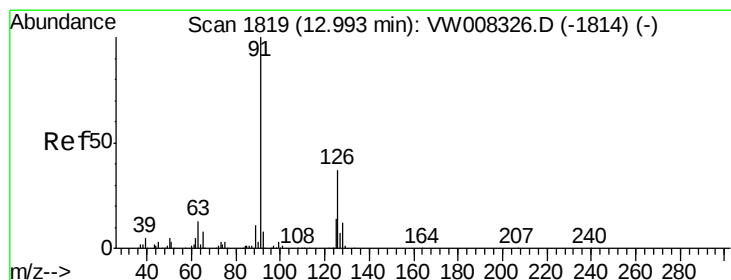
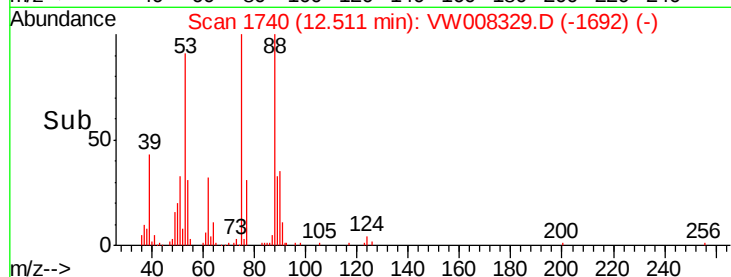
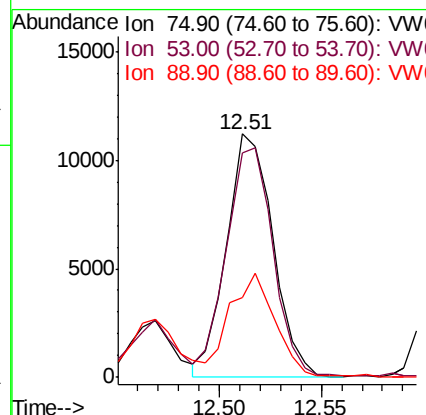
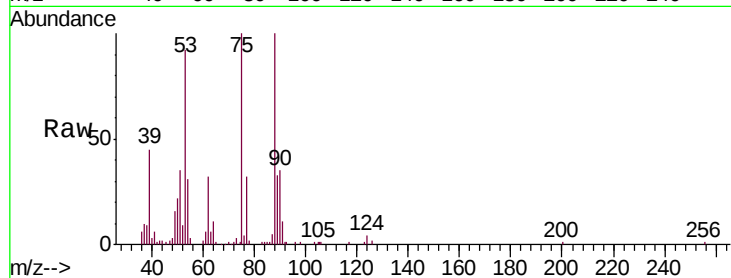




#81
trans-1,4-Dichloro-2-butene
Concen: 53.138 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

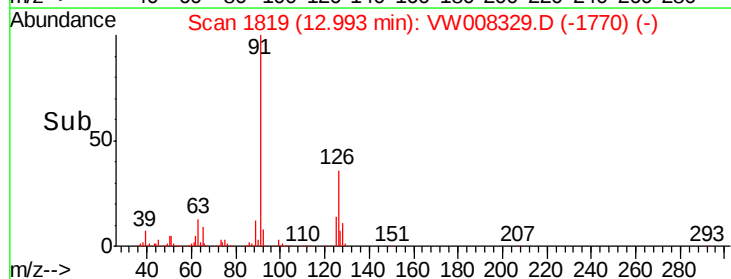
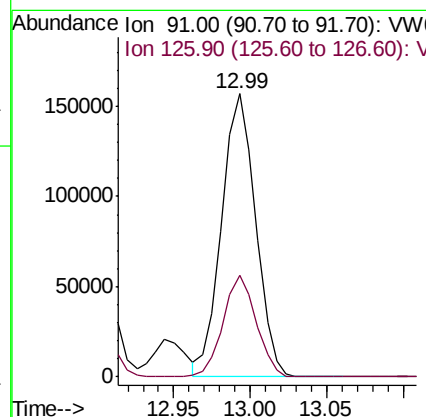
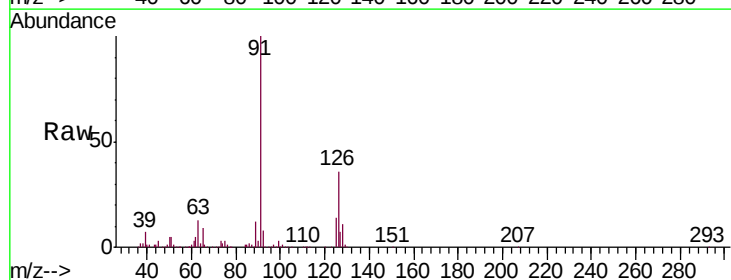
Instrument :
MSVOA_W
ClientSampled :
ICVW011719

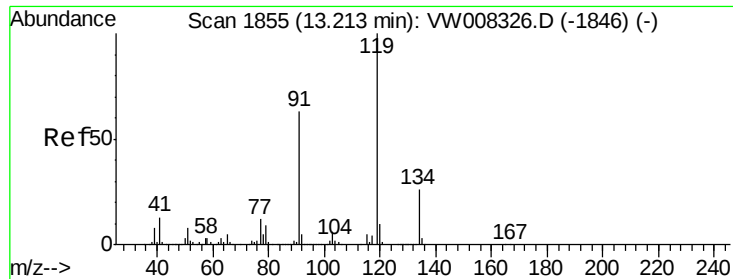
Tgt Ion: 75 Resp: 17683
Ion Ratio Lower Upper
75 100
53 94.8 76.2 114.4
89 40.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 52.615 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion: 91 Resp: 241602
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3





#83

tert-Butylbenzene

Concen: 54.531 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

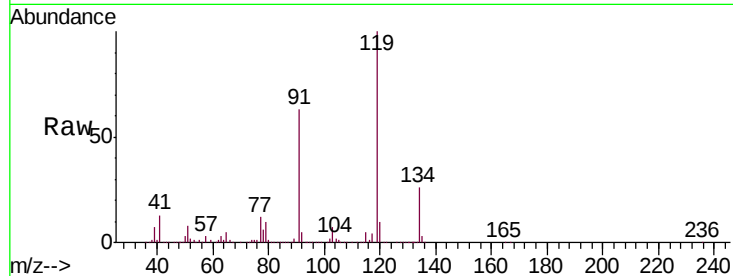
Tgt Ion:119 Resp: 254486

Ion Ratio Lower Upper

119 100

91 63.2 32.4 97.0

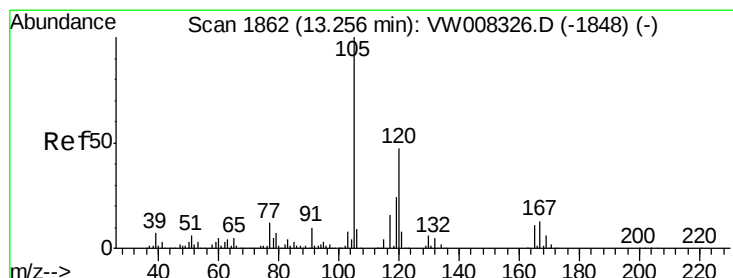
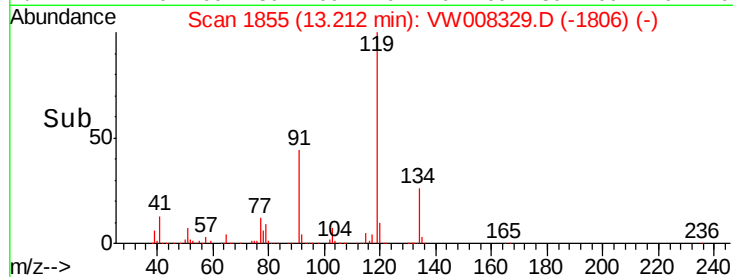
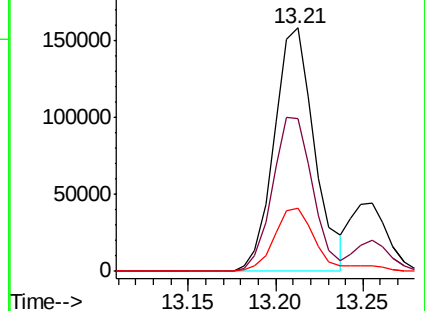
134 27.6 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.764 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008329.D

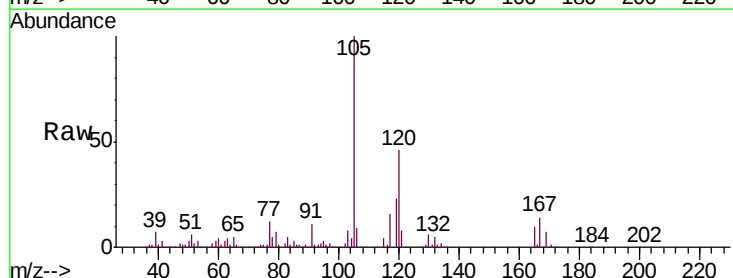
Acq: 17 Jan 2019 15:22

Tgt Ion:105 Resp: 290405

Ion Ratio Lower Upper

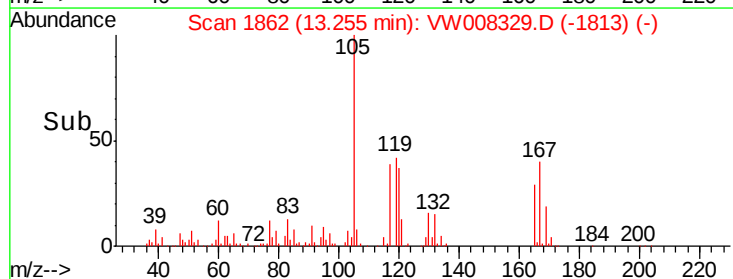
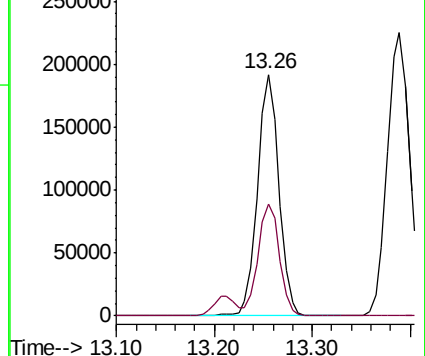
105 100

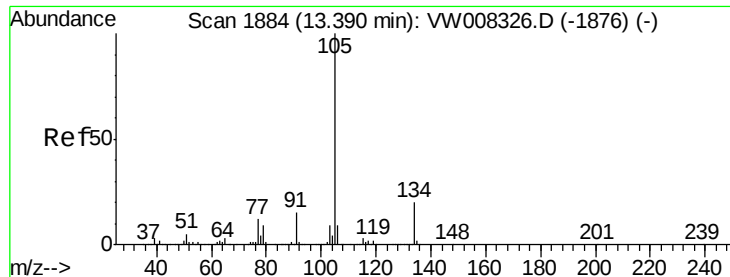
120 46.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

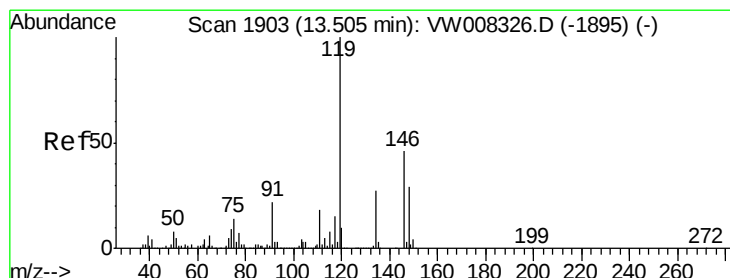
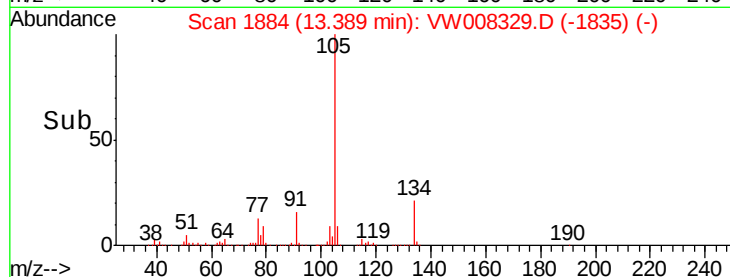
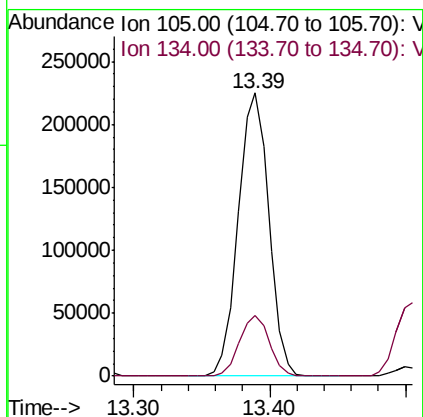
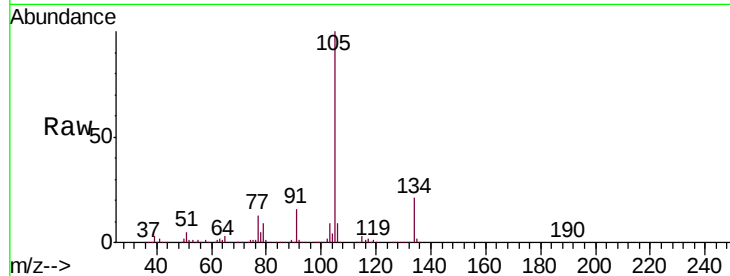




#85
 sec-Butylbenzene
 Concen: 52.707 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

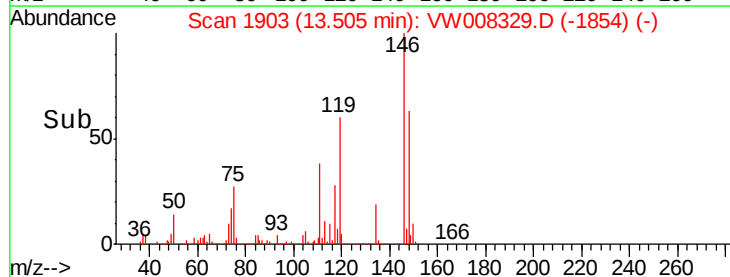
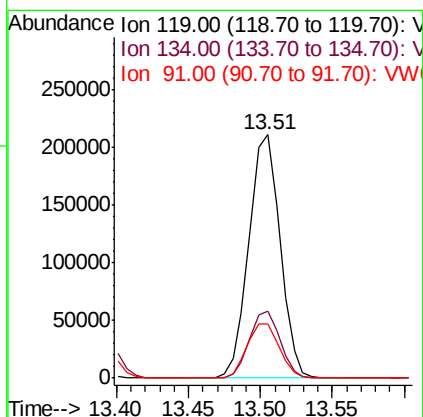
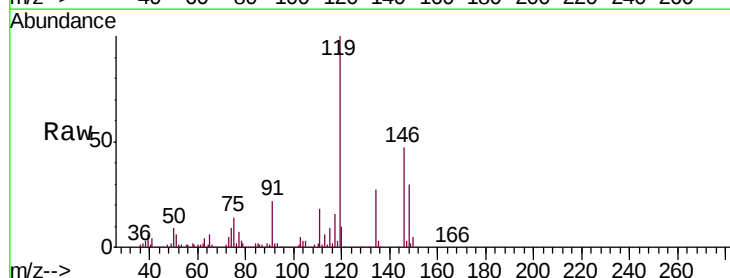
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

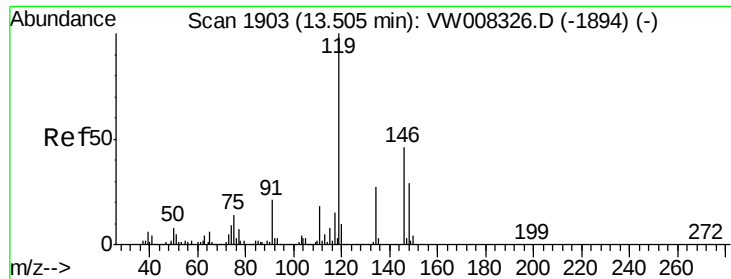
Tgt Ion:105 Resp: 353165
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.837 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion:119 Resp: 315069
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.0
 91 23.2 11.4 34.2

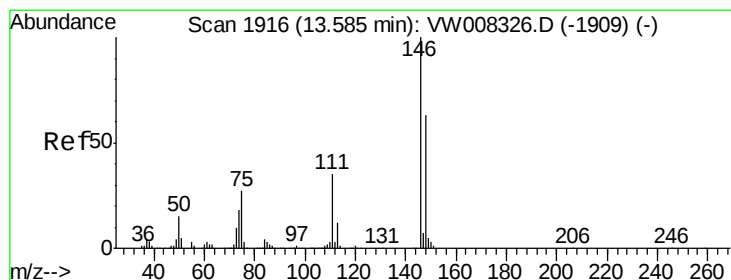
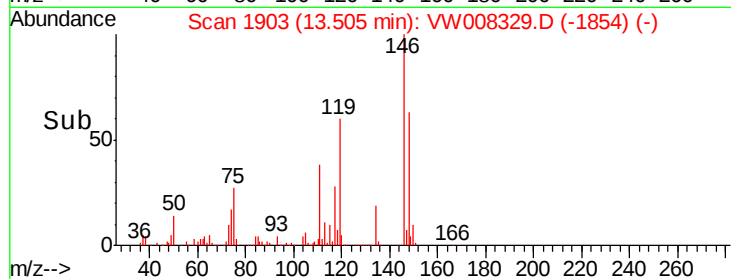
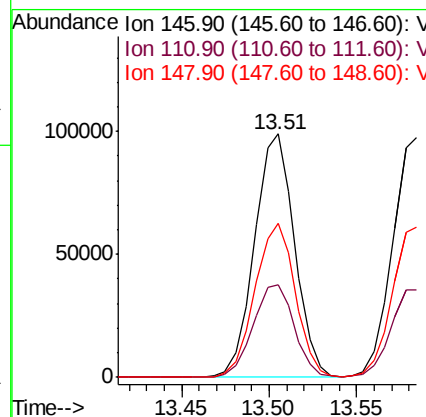
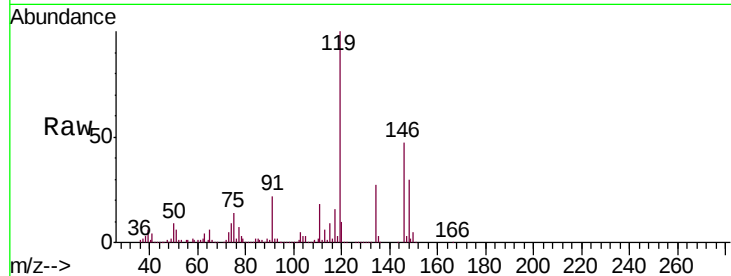




#87
 1,3-Dichlorobenzene
 Concen: 52.140 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

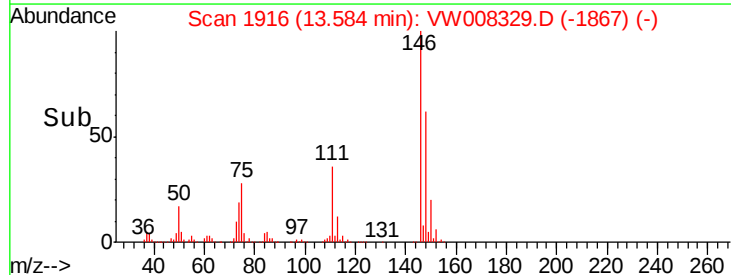
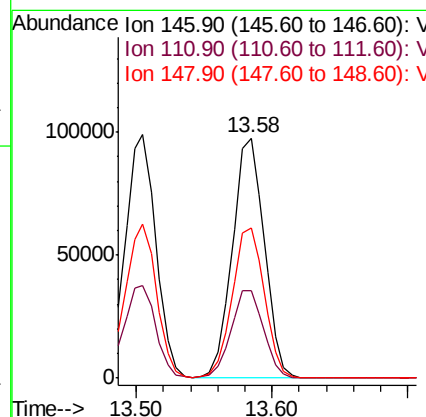
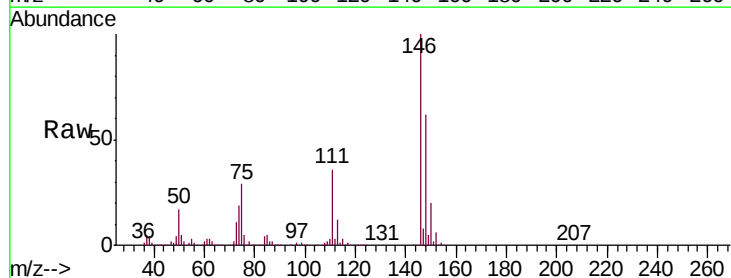
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

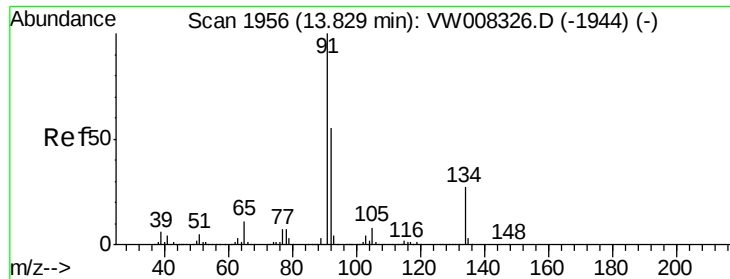
Tgt Ion:146 Resp: 158112
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.7
 148 64.0 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 52.473 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion:146 Resp: 159419
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.5
 148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 54.130 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008329.D

Acq: 17 Jan 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

ICVW011719

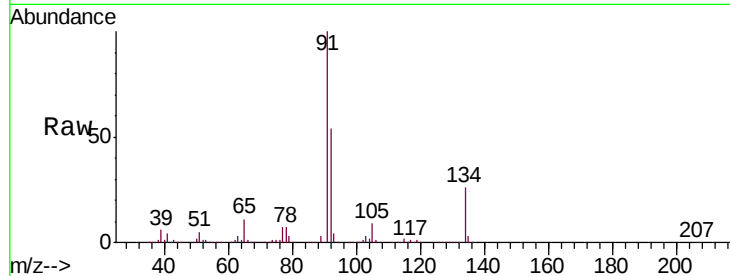
Tgt Ion: 91 Resp: 303865

Ion Ratio Lower Upper

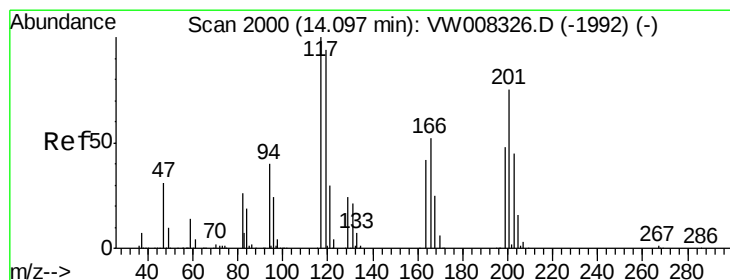
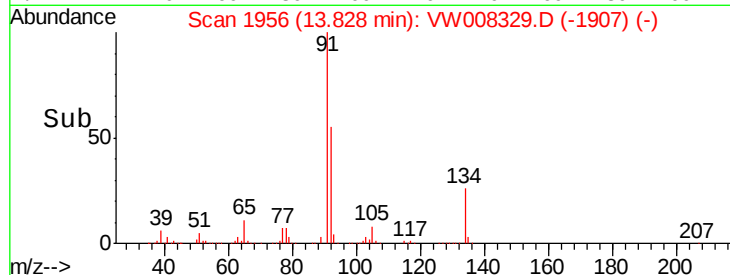
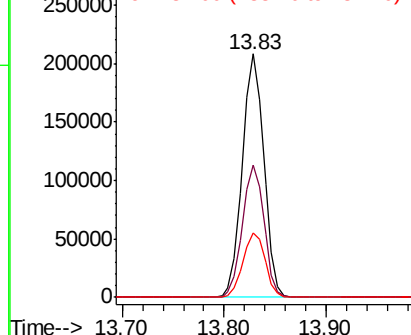
91 100

92 54.5 27.2 81.6

134 27.2 13.4 40.1



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: 52.826 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008329.D

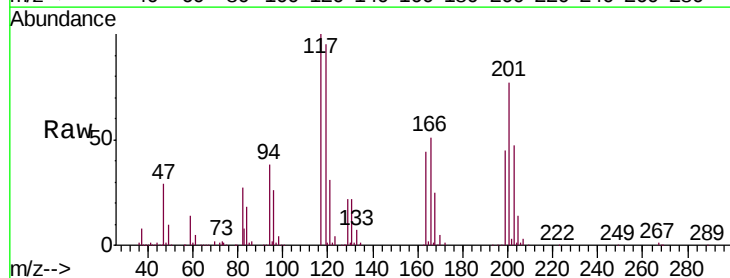
Acq: 17 Jan 2019 15:22

Tgt Ion: 117 Resp: 57212

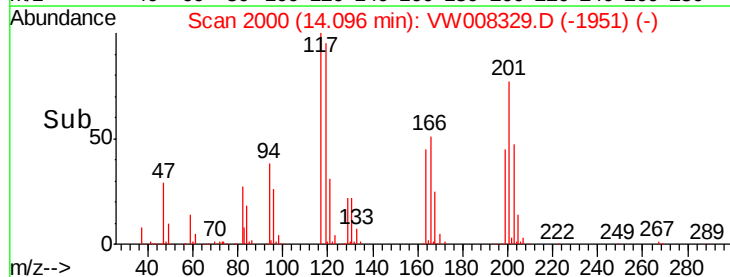
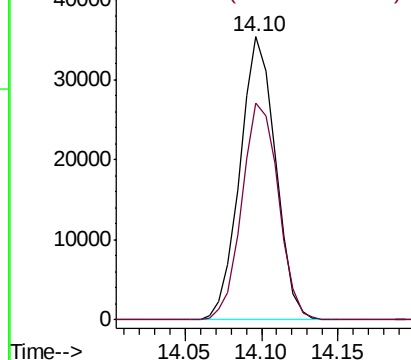
Ion Ratio Lower Upper

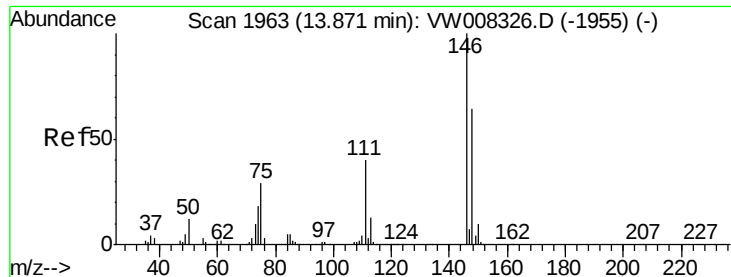
117 100

201 78.4 39.3 117.9



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

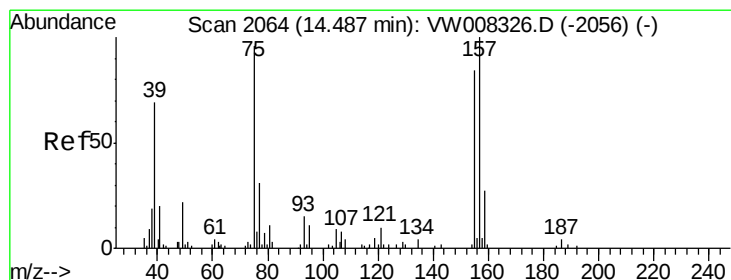
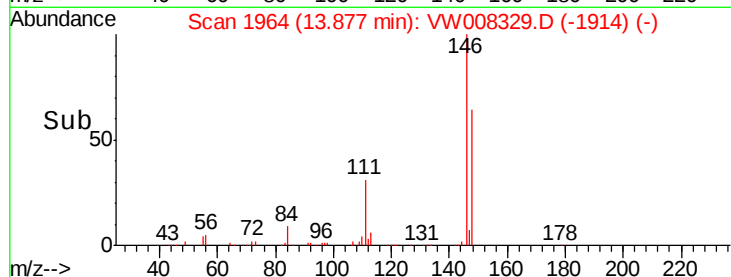
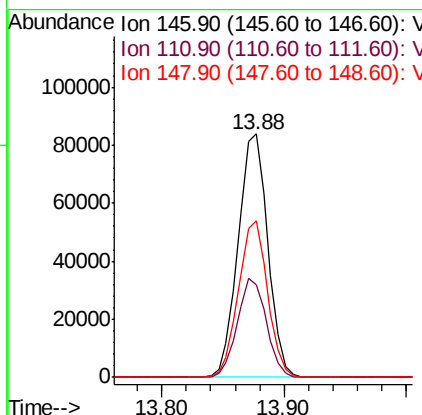
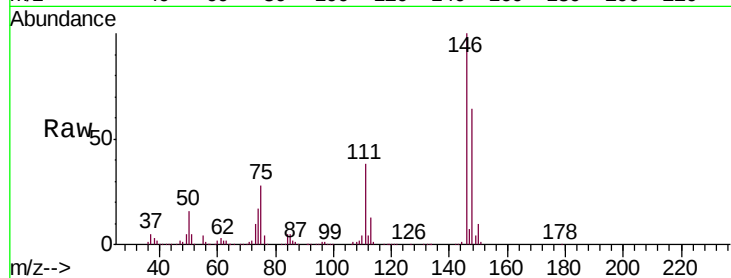




#91
 1,2-Dichlorobenzene
 Concen: 52.561 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

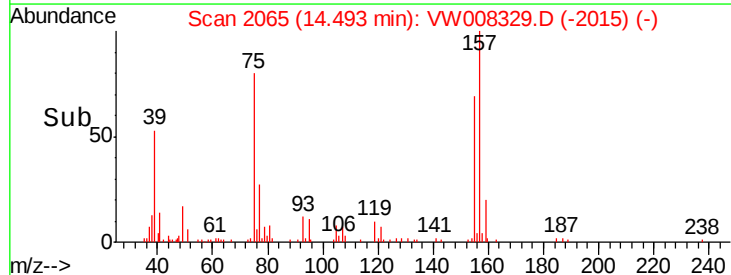
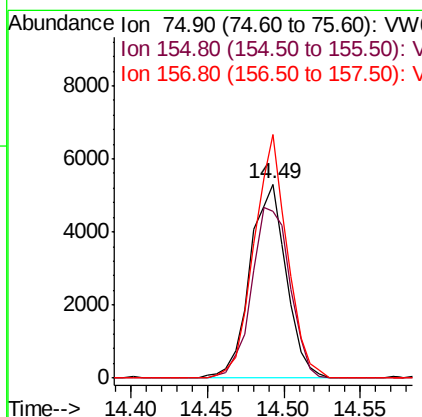
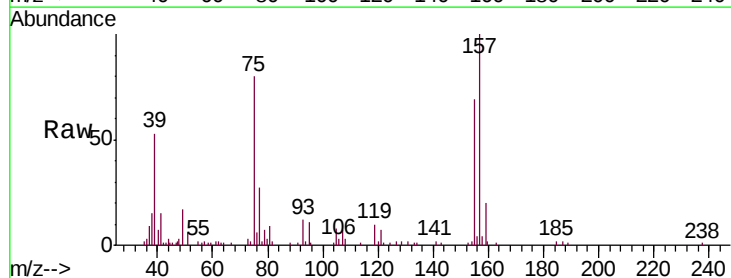
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

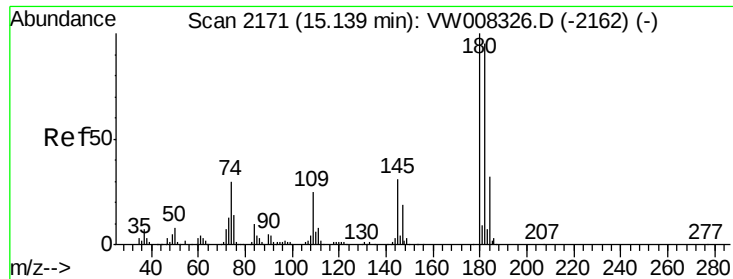
Tgt Ion:146 Resp: 140727
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 63.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.608 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion: 75 Resp: 8767
 Ion Ratio Lower Upper
 75 100
 155 93.0 44.7 134.1
 157 115.3 53.9 161.8

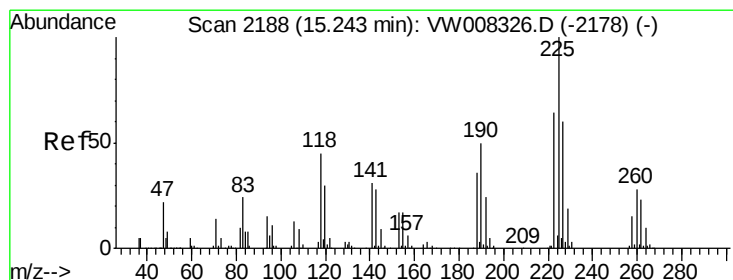
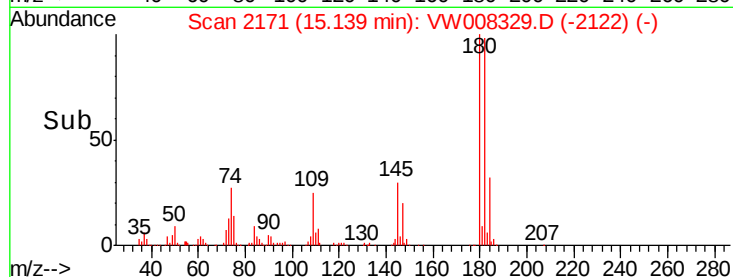
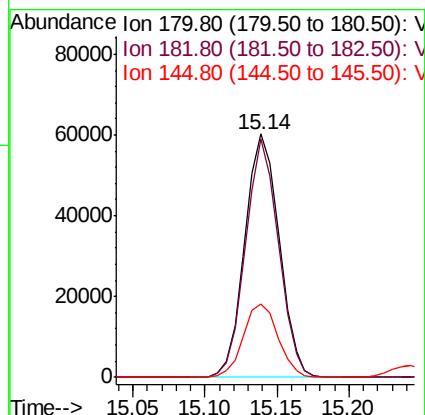
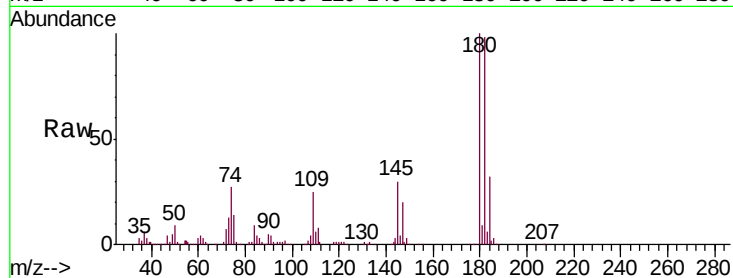




#93
 1,2,4-Trichlorobenzene
 Concen: 54.970 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

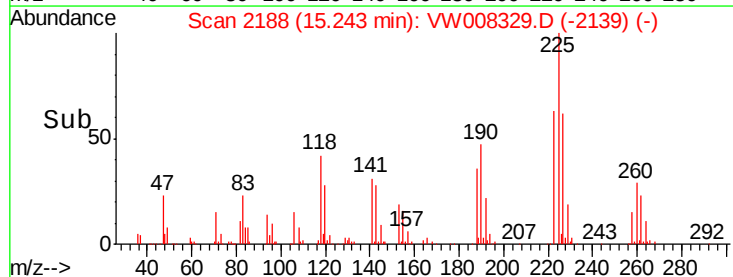
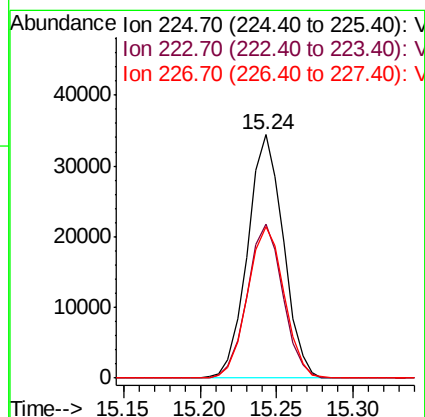
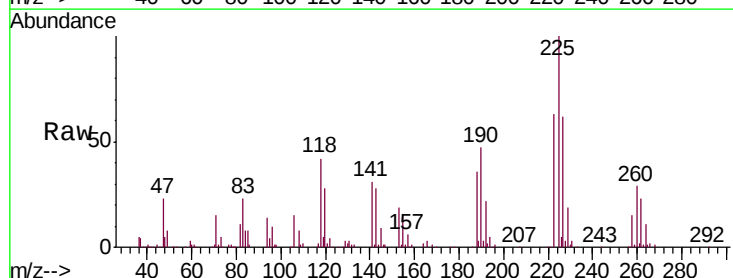
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

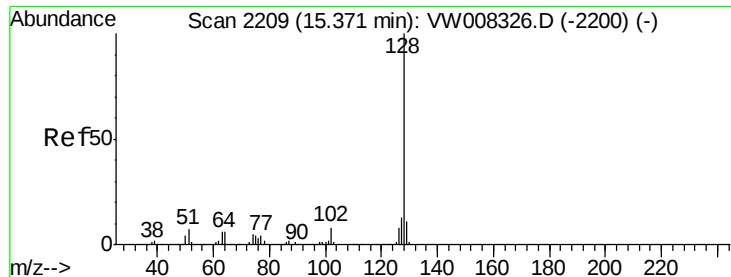
Tgt Ion:180 Resp: 99628
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.8
 145 30.5 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 54.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008329.D
 Acq: 17 Jan 2019 15:22

Tgt Ion:225 Resp: 55879
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.3
 227 63.9 30.3 90.8

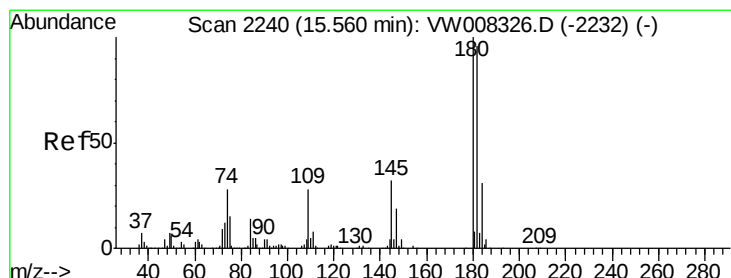
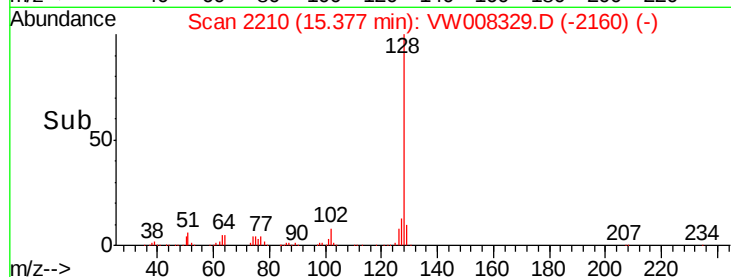
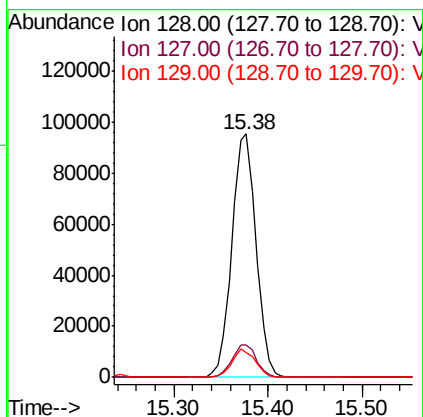
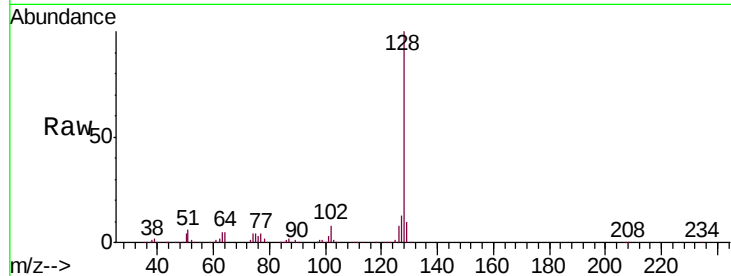




#95
Naphthalene
Concen: 50.599 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Tgt Ion:128 Resp: 169469
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.998 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008329.D
Acq: 17 Jan 2019 15:22

Tgt Ion:180 Resp: 85244
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 32.3 16.2 48.6

