

Data File : VW010558.D
Acq On : 24 May 2019 19:37
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: May 25 01:15:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	130719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65987	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.88	113	69971	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.32	98	257802	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	100768	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	62217	53.445	ug/l	100
3) Chloromethane	2.21	50	67008	48.789	ug/l	99
4) Vinyl Chloride	2.35	62	73767	46.369	ug/l	100
5) Bromomethane	2.75	94	53609	48.983	ug/l	100
6) Chloroethane	2.90	64	51807	50.729	ug/l	98
7) Trichlorofluoromethane	3.25	101	129212	55.014	ug/l	100
8) Diethyl Ether	3.68	74	42100	56.546	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80372	55.566	ug/l	98
10) Methyl Iodide	4.27	142	88627	53.607	ug/l	99
11) Tert butyl alcohol	5.17	59	36679	302.225	ug/l	96
12) 1,1-Dichloroethene	4.03	96	75883	54.958	ug/l	99
13) Acrolein	3.90	56	21427	308.188	ug/l	97
14) Allyl chloride	4.67	41	106268	53.171	ug/l	99
15) Acrylonitrile	5.37	53	84843	272.101	ug/l	98
16) Acetone	4.12	43	69588	252.670	ug/l	98
17) Carbon Disulfide	4.38	76	214902	52.181	ug/l	98
18) Methyl Acetate	4.67	43	34991	51.948	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	200529	56.969	ug/l	99
20) Methylene Chloride	4.92	84	83614	51.939	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	88907	56.137	ug/l	98
22) Diisopropyl ether	6.31	45	223450	54.525	ug/l	99
23) Vinyl Acetate	6.26	43	662969	270.825	ug/l	98
24) 1,1-Dichloroethane	6.22	63	137707	56.309	ug/l	98
25) 2-Butanone	7.17	43	108011	274.044	ug/l	100
26) 2,2-Dichloropropane	7.17	77	126361	54.243	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	99075	57.541	ug/l	99
28) Bromochloromethane	7.51	49	43459	49.634	ug/l	91
29) Tetrahydrofuran	7.52	42	69529	260.698	ug/l	96
30) Chloroform	7.68	83	150426	57.026	ug/l	98
31) Cyclohexane	7.95	56	127934	49.941	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	140381	55.680	ug/l	99
36) 1,1-Dichloropropene	8.08	75	115843	57.172	ug/l	99
37) Ethyl Acetate	7.25	43	49326	57.247	ug/l	99
38) Carbon Tetrachloride	8.07	117	124947	57.164	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	154022	56.737	ug/l	98
40) Benzene	8.32	78	331341	58.834	ug/l	99
41) Methacrylonitrile	7.48	41	27097	52.927	ug/l	99
42) 1,2-Dichloroethane	8.40	62	94636	58.794	ug/l	99
43) Isopropyl Acetate	8.43	43	95830	55.671	ug/l	100
44) Trichloroethene	9.09	130	100575	60.154	ug/l	99
45) 1,2-Dichloropropane	9.37	63	77490	57.935	ug/l	97
46) Dibromomethane	9.46	93	46331	59.231	ug/l	95
47) Bromodichloromethane	9.65	83	114258	58.126	ug/l	98
48) Methyl methacrylate	9.44	41	43453	55.178	ug/l	98
49) 1,4-Dioxane	9.45	88	16669	1304.511	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	241972	277.408	ug/l	99
52) Toluene	10.39	92	226181	59.802	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	113922	57.224	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	133568	58.747	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	68216	60.645	ug/l	95
56) Ethyl methacrylate	10.65	69	88888	57.298	ug/l	98
57) 1,3-Dichloropropane	10.93	76	111780	59.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	165931	241.484	ug/l	98
59) 2-Hexanone	10.97	43	171070	274.933	ug/l	99
60) Dibromochloromethane	11.13	129	85379	59.975	ug/l	100
61) 1,2-Dibromoethane	11.24	107	67810	59.512	ug/l	99
64) Tetrachloroethene	10.87	164	83953	60.552	ug/l	94
65) Chlorobenzene	11.66	112	251244	59.272	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	89345	58.840	ug/l	100
67) Ethyl Benzene	11.73	91	424381	56.707	ug/l	98
68) m/p-Xylenes	11.84	106	338448	115.300	ug/l	99
69) o-Xylene	12.16	106	162213	58.327	ug/l	98
70) Styrene	12.18	104	275417	58.366	ug/l	99
71) Bromoform	12.35	173	48429	57.917	ug/l #	99
73) Isopropylbenzene	12.46	105	434223	55.620	ug/l	100
74) N-amyl acetate	12.27	43	92780	51.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	77752	54.756	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	96750	96.882	ug/l #	1
77) Bromobenzene	12.75	156	103821	59.426	ug/l	95
78) n-propylbenzene	12.80	91	501388	55.110	ug/l	99
79) 2-Chlorotoluene	12.90	91	292755	55.487	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	370117	55.976	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	24481	51.162	ug/l	98
82) 4-Chlorotoluene	12.99	91	305775	55.835	ug/l	100
83) tert-Butylbenzene	13.21	119	319600	55.336	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	366598	55.669	ug/l	99
85) sec-Butylbenzene	13.38	105	447606	55.379	ug/l	100
86) p-Isopropyltoluene	13.50	119	408388	55.822	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	198500	57.912	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	200160	58.203	ug/l	99
89) n-Butylbenzene	13.83	91	383128	55.058	ug/l	99
90) Hexachloroethane	14.10	117	77301	54.589	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	182993	58.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13898	52.637	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
Quantitation Report (Not Reviewed)

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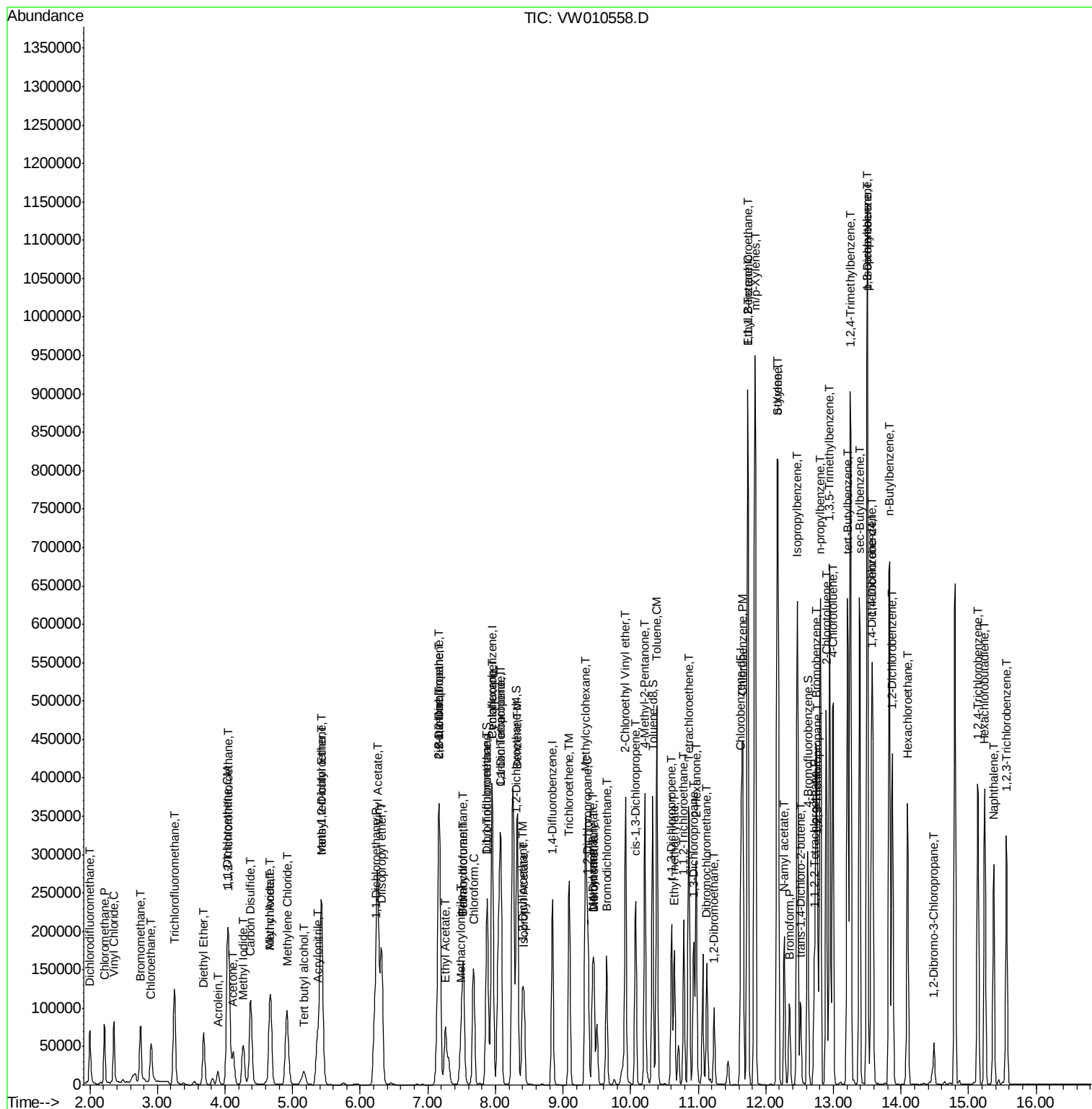
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	129288	60.844	ug/l	100
94) Hexachlorobutadiene	15.24	225	68764	60.575	ug/l	99
95) Naphthalene	15.37	128	255085	57.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	110698	60.543	ug/l	100

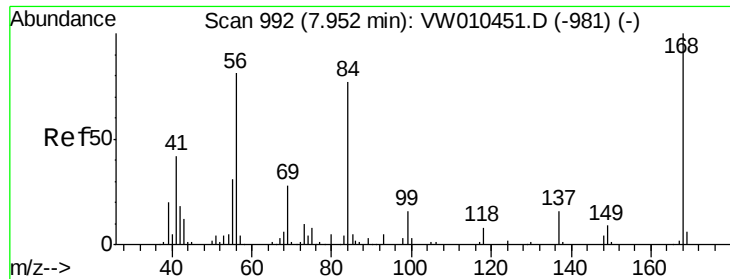
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010558.D

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Instrument :

MSVOA_W

ClientSampleId :

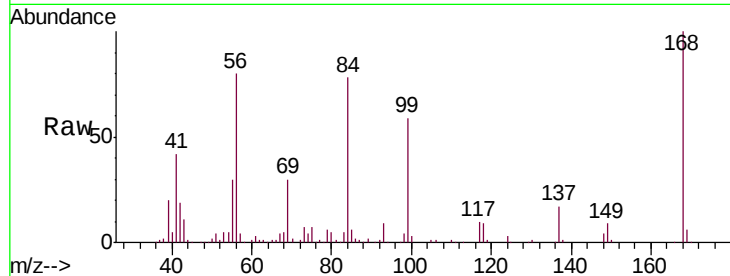
VSTDCCC050EC

Tgt Ion:168 Resp: 130719

Ion Ratio Lower Upper

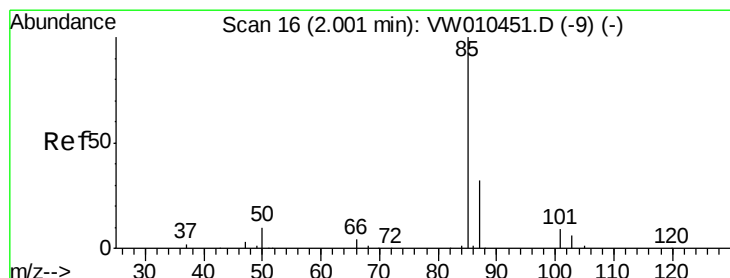
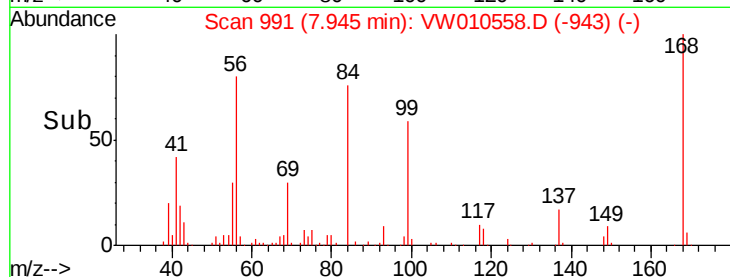
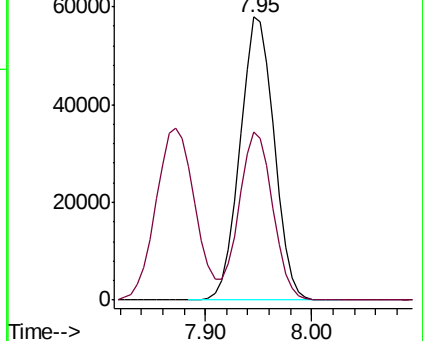
168 100

99 59.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 53.445 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010558.D

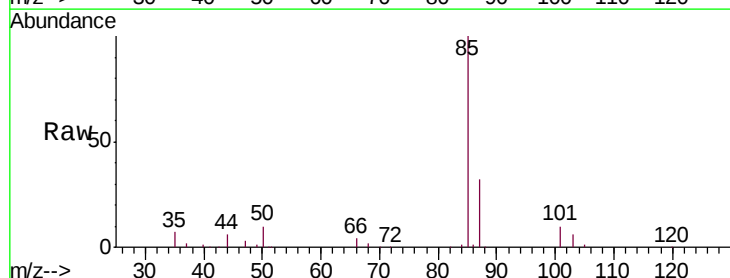
Acq: 24 May 2019 19:37

Tgt Ion: 85 Resp: 62217

Ion Ratio Lower Upper

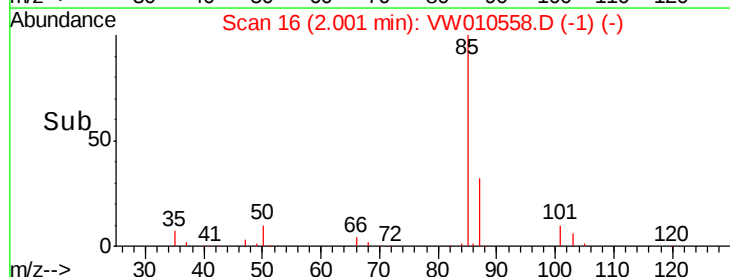
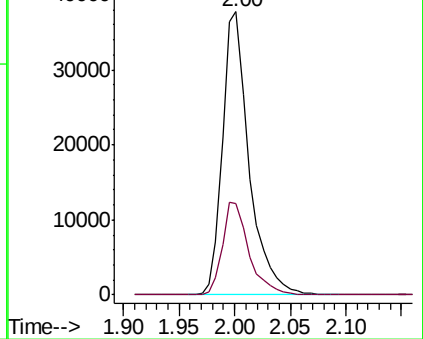
85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.789 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

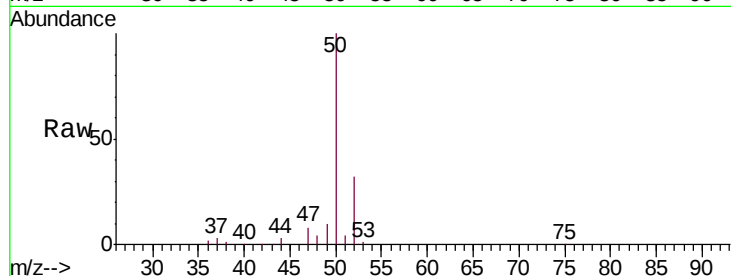
VSTDCCC050EC

Tgt Ion: 50 Resp: 67008

Ion Ratio Lower Upper

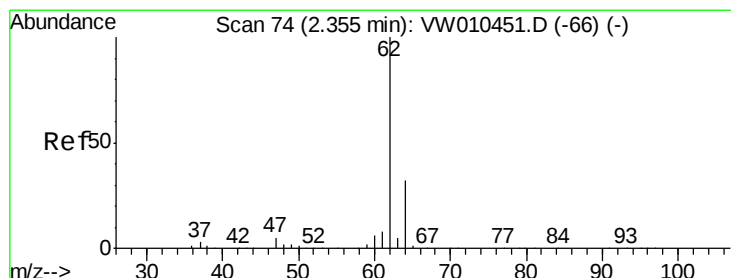
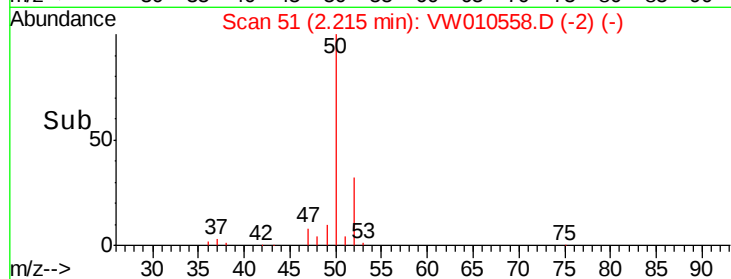
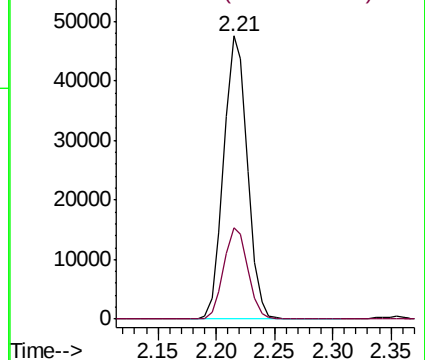
50 100

52 32.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 46.369 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010558.D

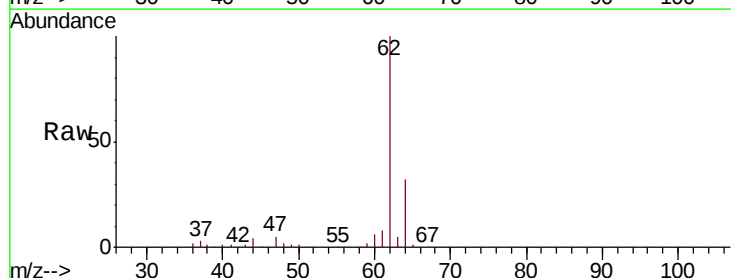
Acq: 24 May 2019 19:37

Tgt Ion: 62 Resp: 73767

Ion Ratio Lower Upper

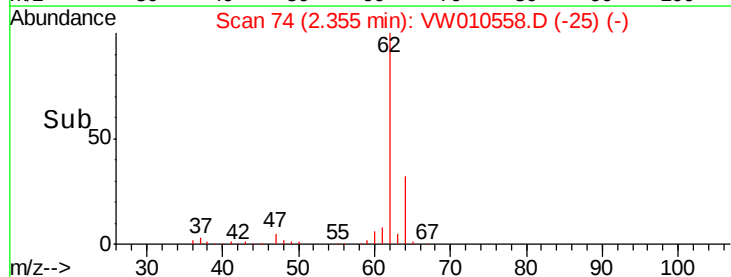
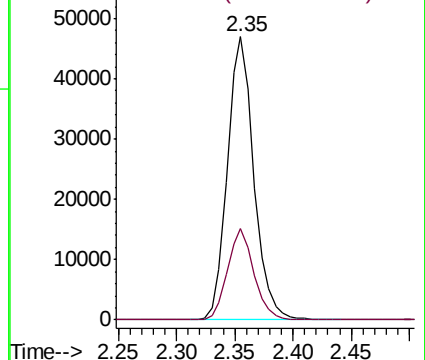
62 100

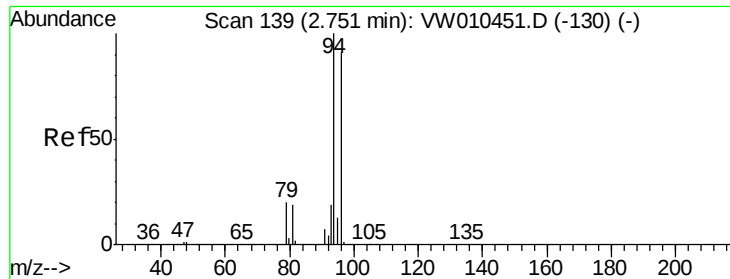
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.983 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.00 min

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ClientSampleId :

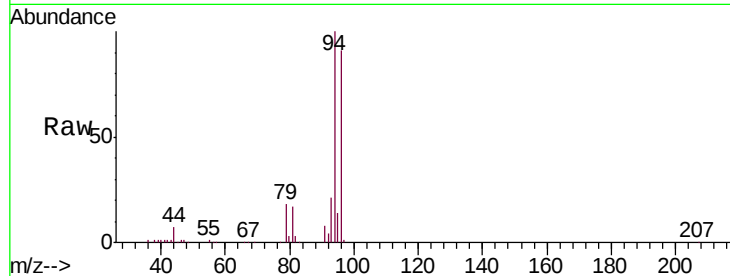
VSTDCCC050EC

Tgt Ion: 94 Resp: 53609

Ion Ratio Lower Upper

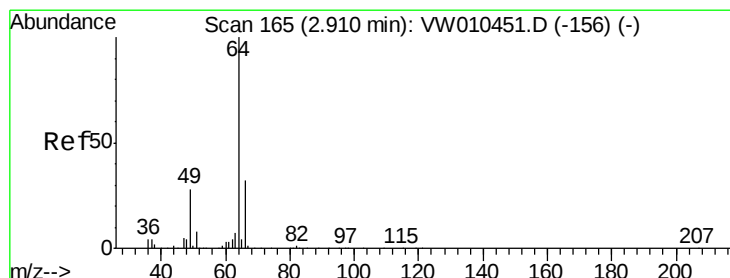
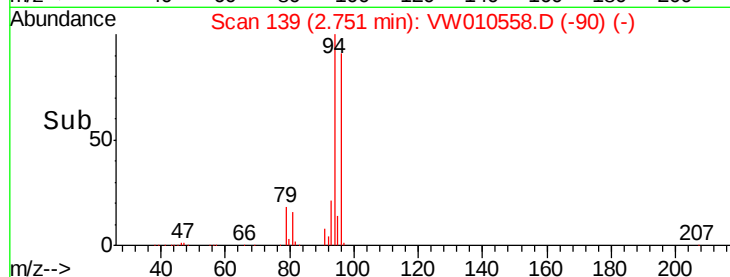
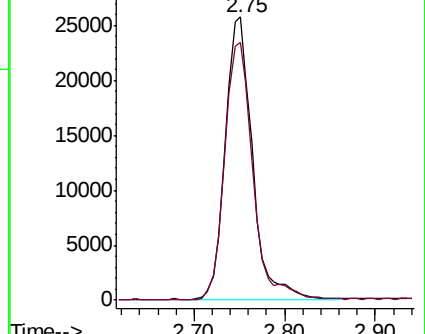
94 100

96 91.3 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.729 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010558.D

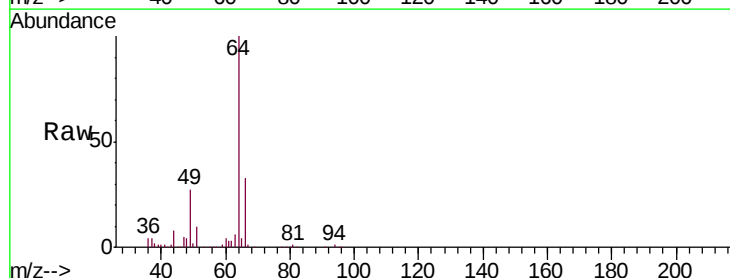
Acq: 24 May 2019 19:37

Tgt Ion: 64 Resp: 51807

Ion Ratio Lower Upper

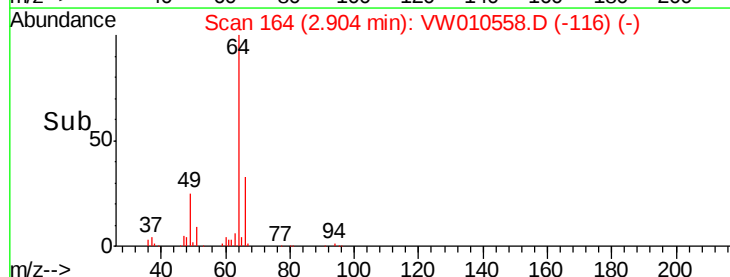
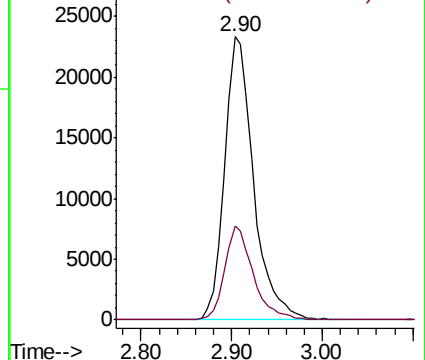
64 100

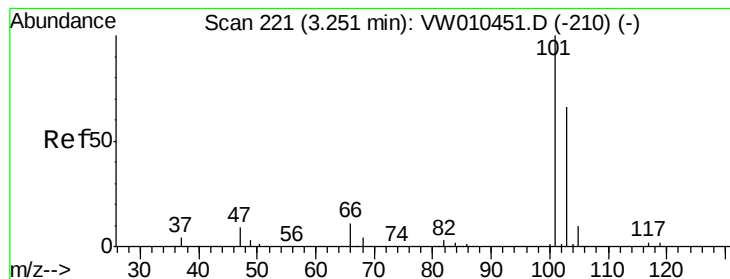
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



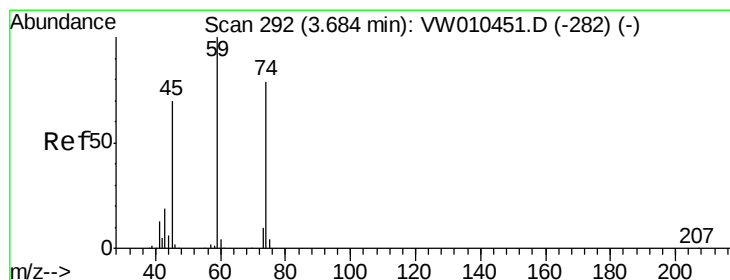
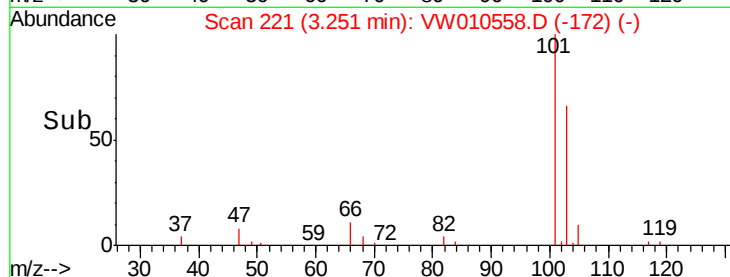
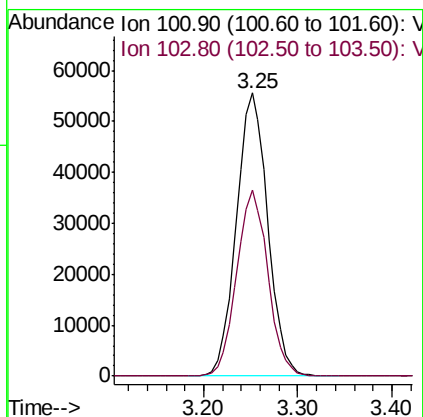
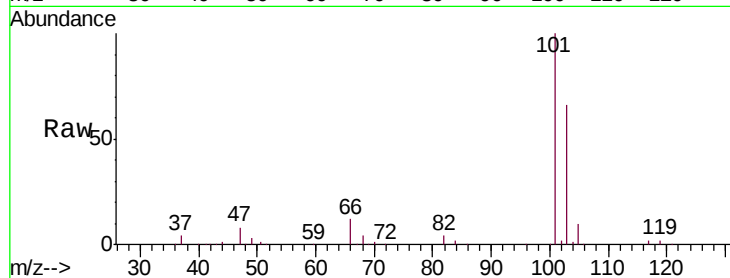


#7

Trichlorofluoromethane
 Concen: 55.014 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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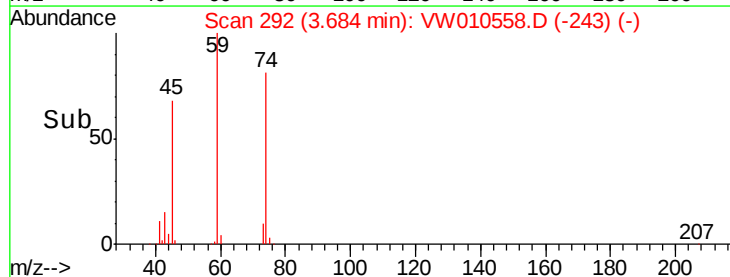
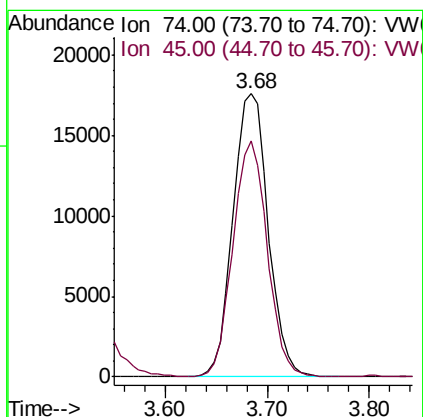
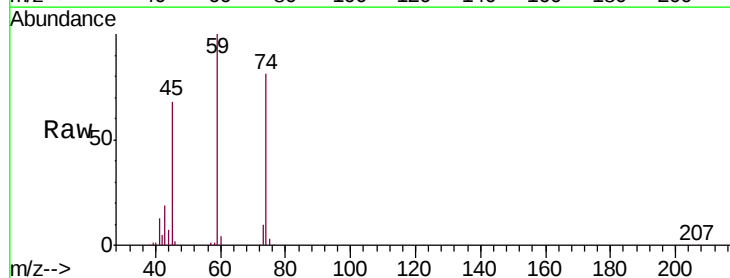
Tgt Ion: 101 Resp: 129212
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.0 79.4

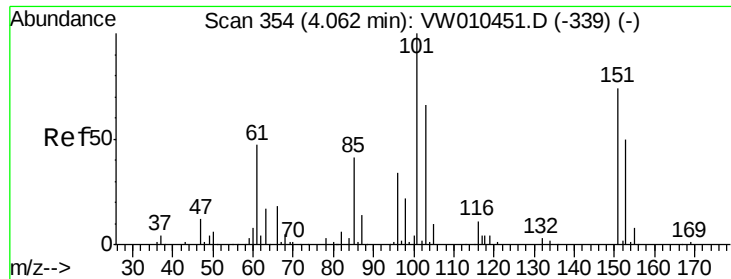


#8

Diethyl Ether
 Concen: 56.546 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 74 Resp: 42100
 Ion Ratio Lower Upper
 74 100
 45 81.5 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.566 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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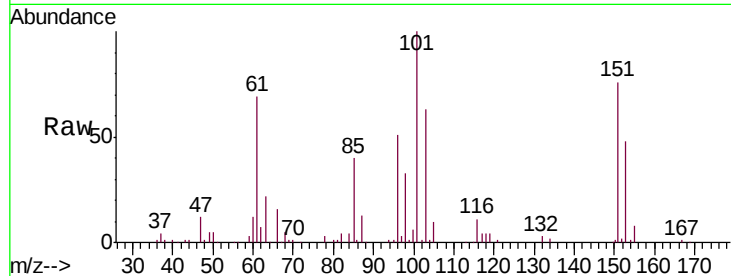
Tgt Ion:101 Resp: 80372

Ion Ratio Lower Upper

101 100

85 41.7 34.3 51.5

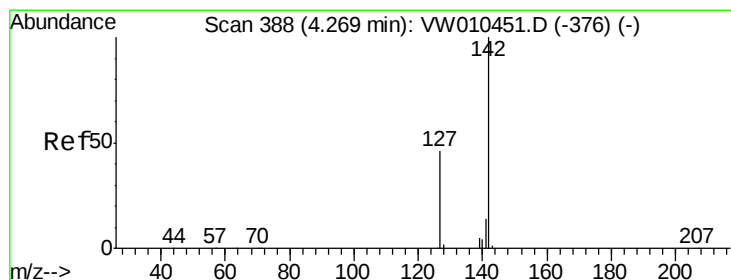
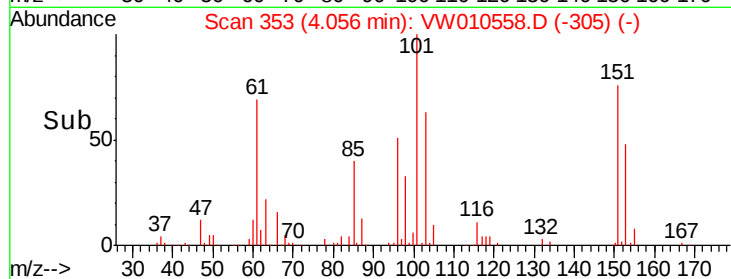
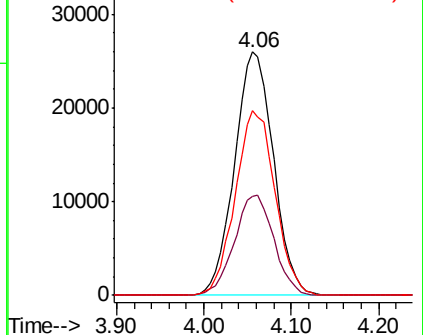
151 77.6 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.607 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

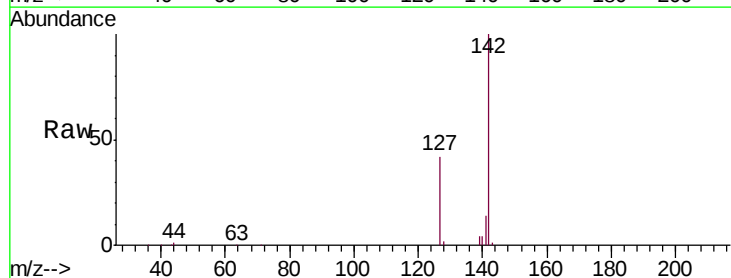
Tgt Ion:142 Resp: 88627

Ion Ratio Lower Upper

142 100

127 44.4 36.1 54.1

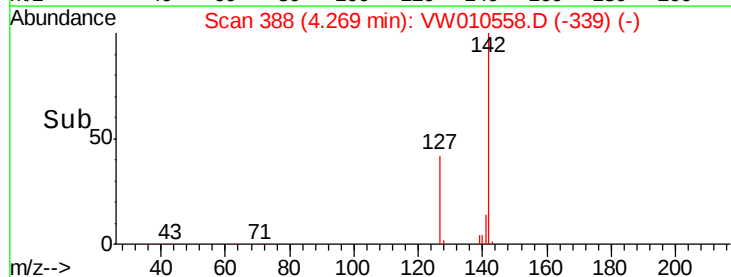
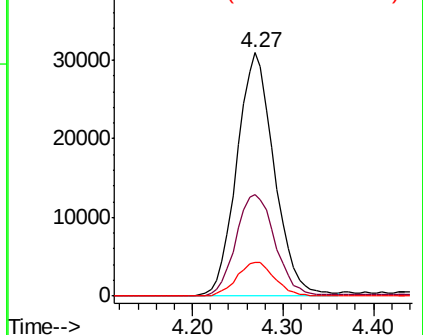
141 14.3 11.3 16.9

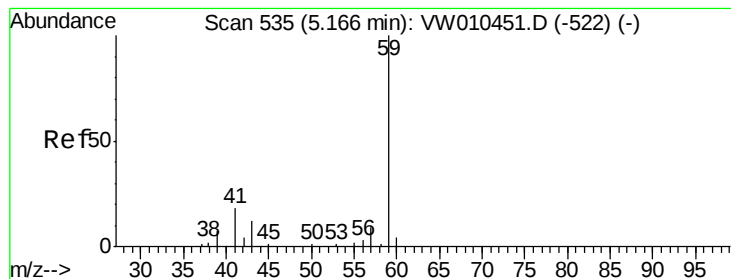


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



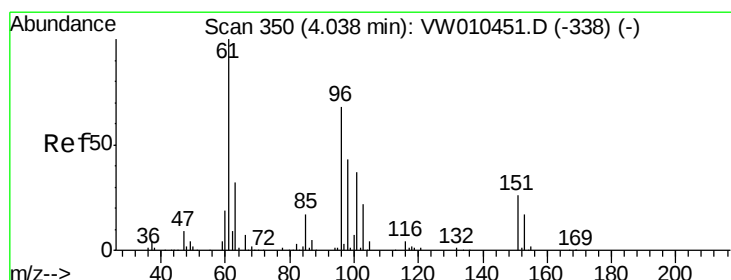
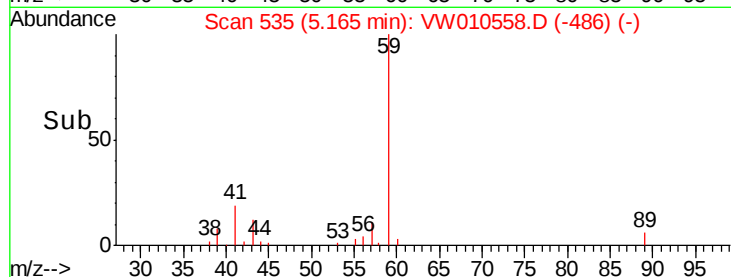
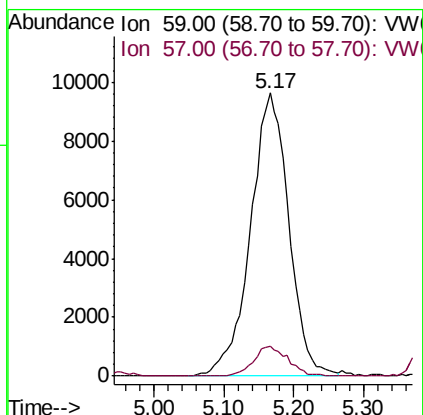
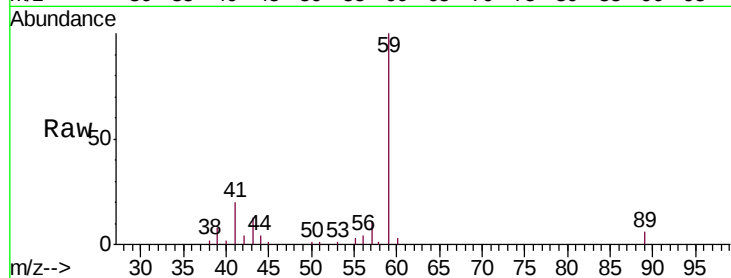


#11

Tert butyl alcohol
 Concen: 302.225 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

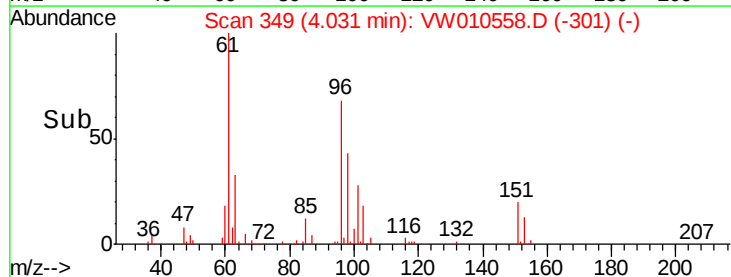
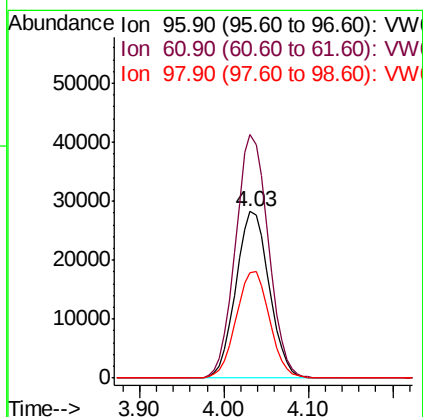
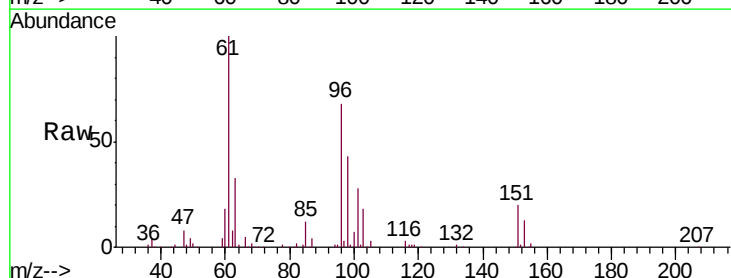
Tgt Ion: 59 Resp: 36679
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.8 13.2

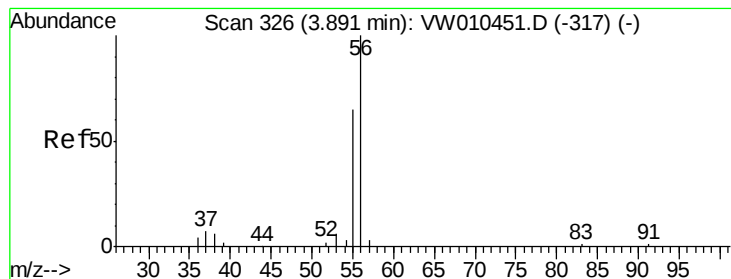


#12

1,1-Dichloroethene
 Concen: 54.958 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 96 Resp: 75883
 Ion Ratio Lower Upper
 96 100
 61 146.1 118.3 177.5
 98 63.3 51.0 76.6





#13

Acrolein

Concen: 308.188 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

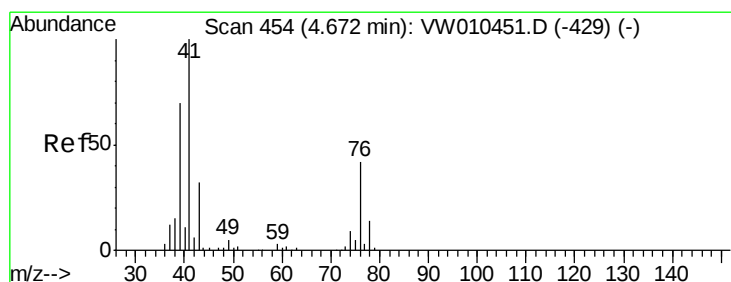
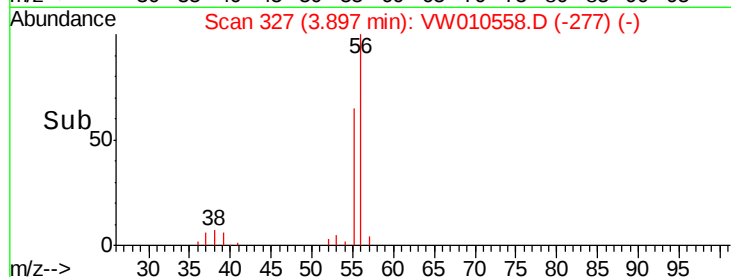
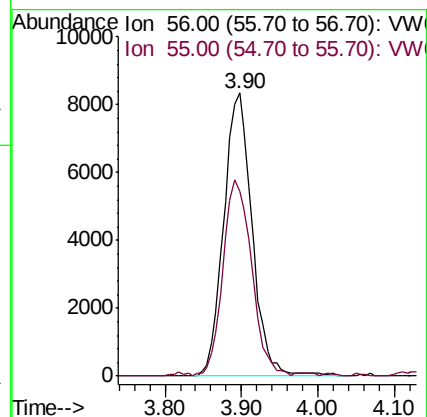
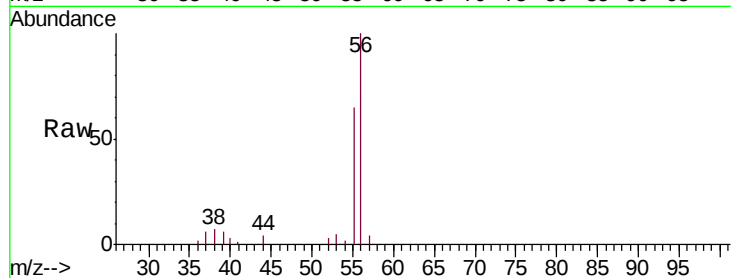
VSTDCCC050EC

Tgt Ion: 56 Resp: 21427

Ion Ratio Lower Upper

56 100

55 70.1 57.9 86.9



#14

Allyl chloride

Concen: 53.171 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

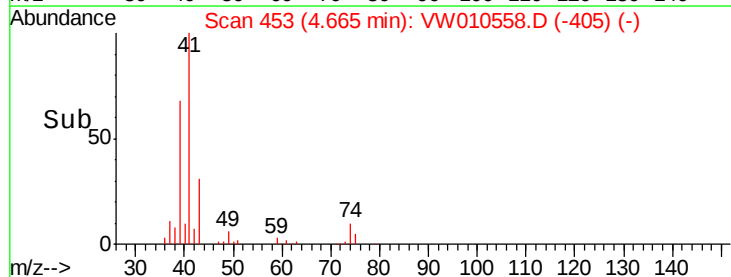
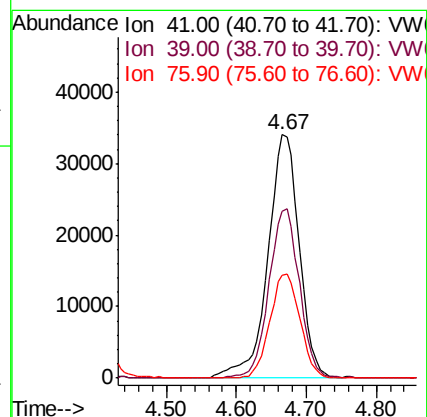
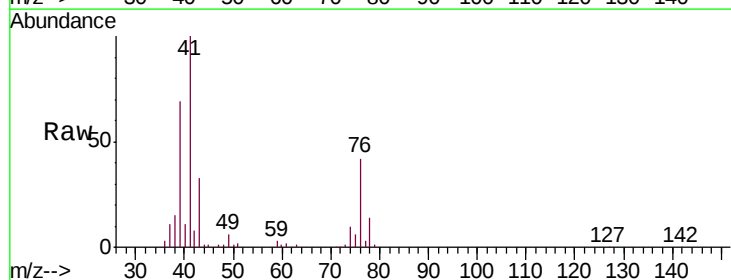
Tgt Ion: 41 Resp: 106268

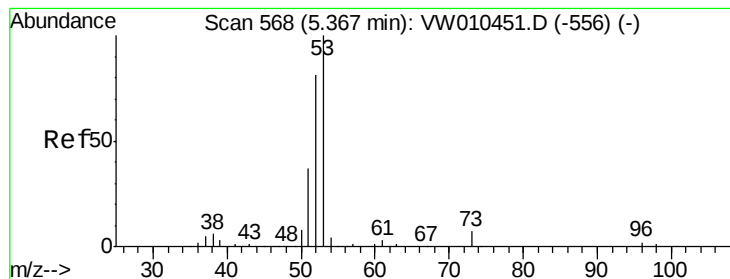
Ion Ratio Lower Upper

41 100

39 67.6 55.0 82.4

76 41.2 32.8 49.2





#15

Acrylonitrile

Concen: 272.101 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

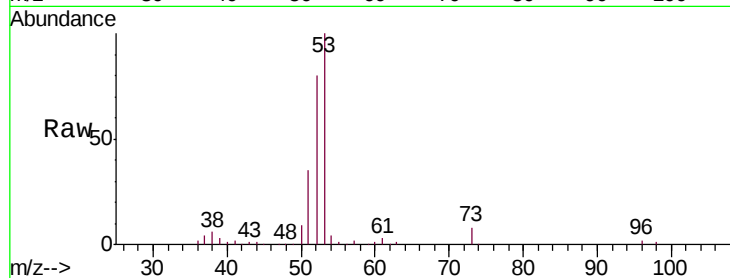
Tgt Ion: 53 Resp: 84843

Ion Ratio Lower Upper

53 100

52 79.6 65.6 98.4

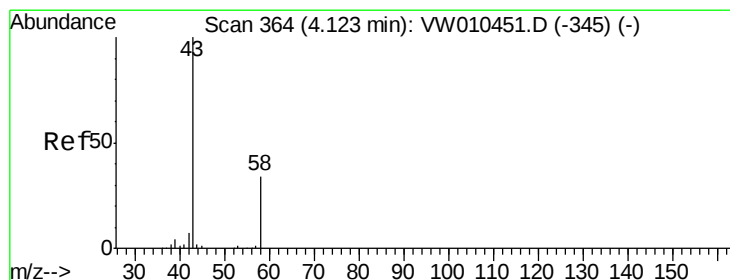
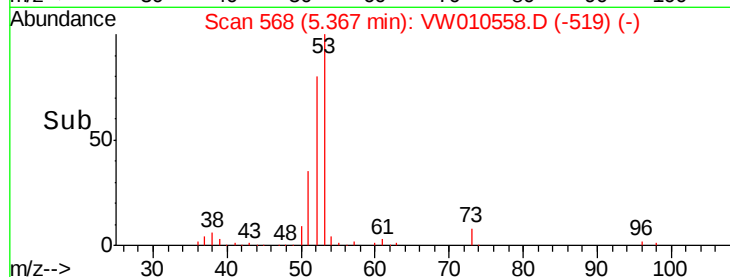
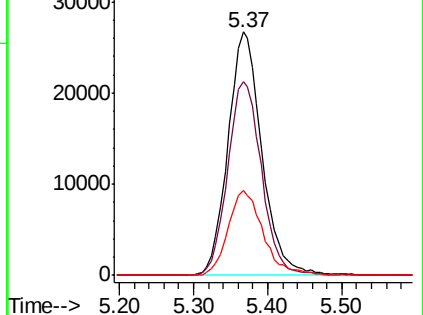
51 36.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 252.670 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010558.D

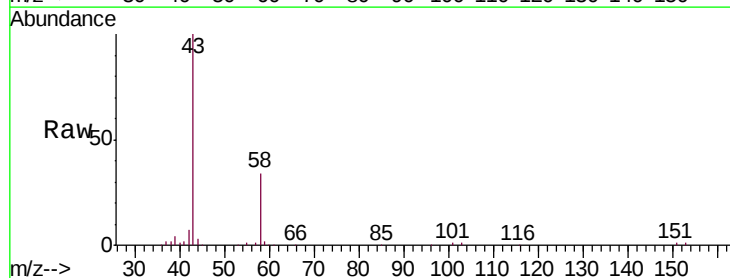
Acq: 24 May 2019 19:37

Tgt Ion: 43 Resp: 69588

Ion Ratio Lower Upper

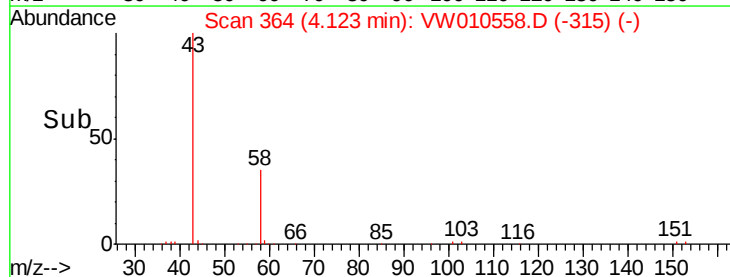
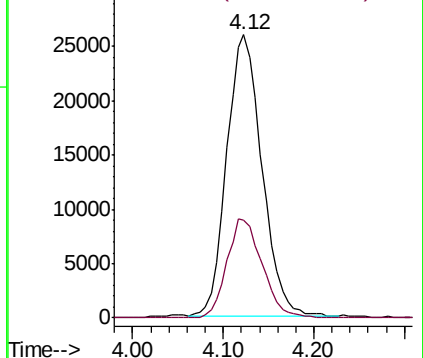
43 100

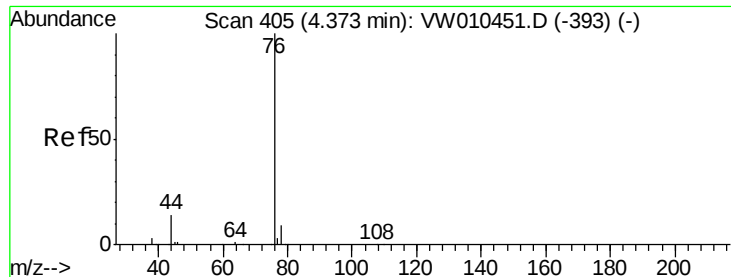
58 34.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

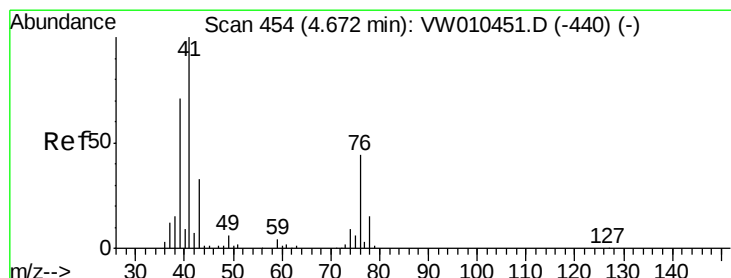
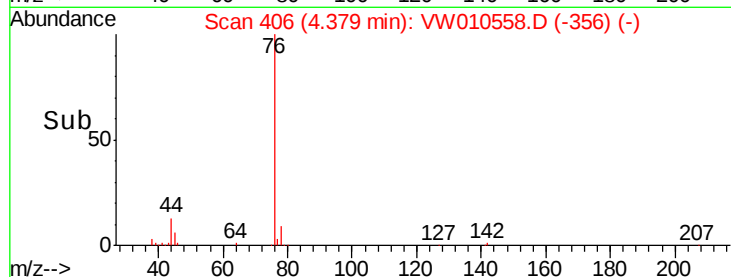
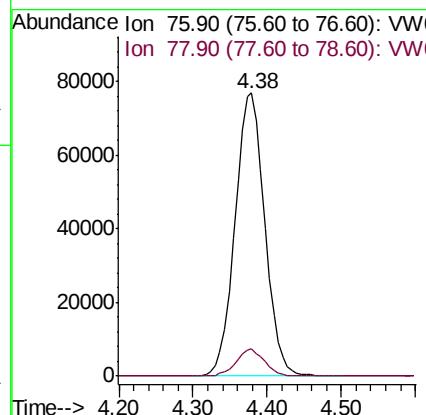
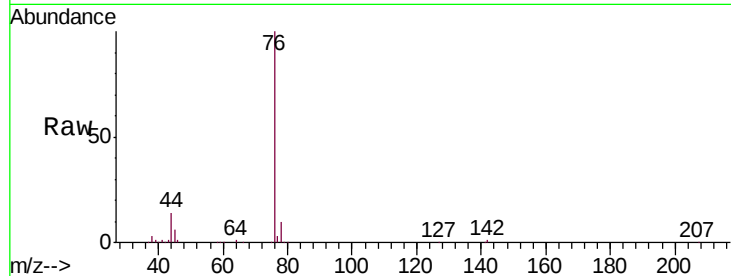




#17
Carbon Disulfide
Concen: 52.181 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

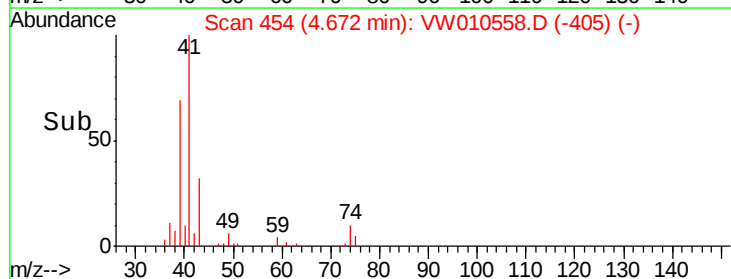
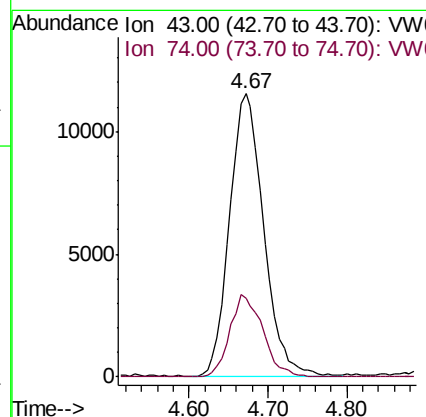
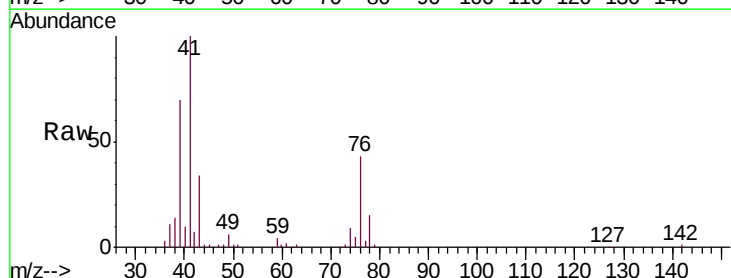
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

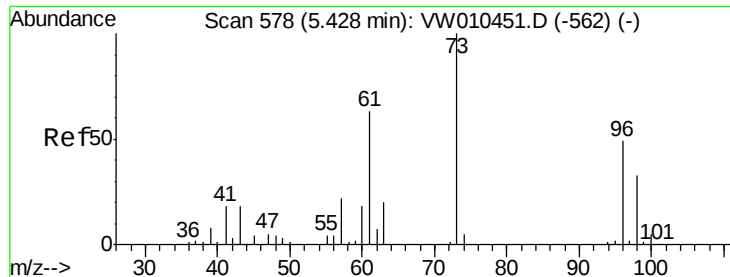
Tgt Ion: 76 Resp: 214902
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 51.948 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 43 Resp: 34991
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4

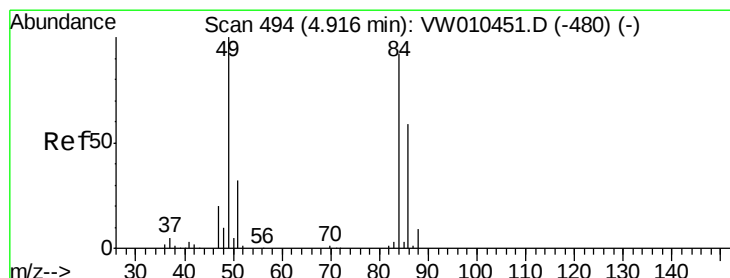
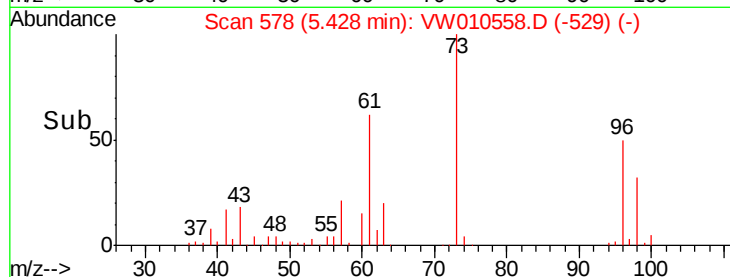
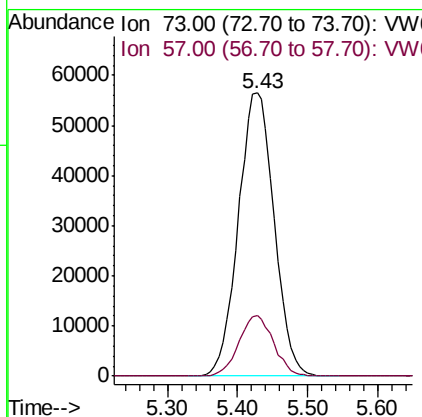
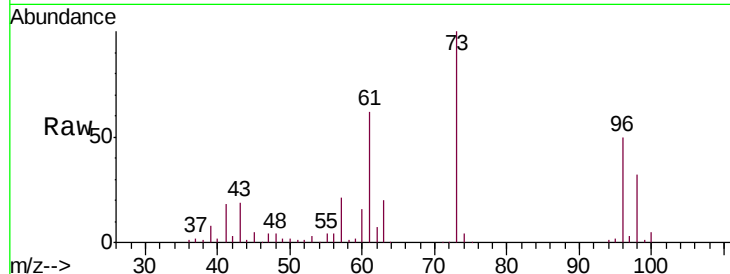




#19
Methyl tert-butyl Ether
Concen: 56.969 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

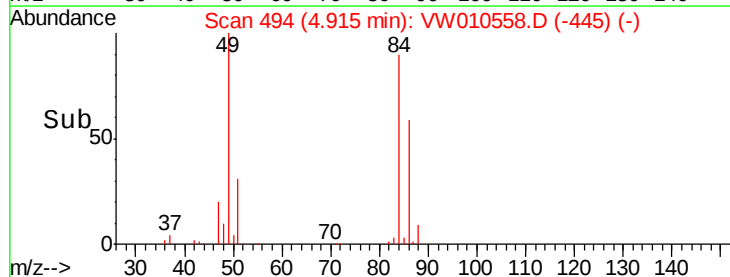
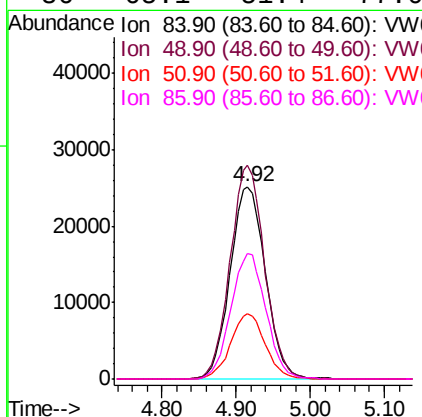
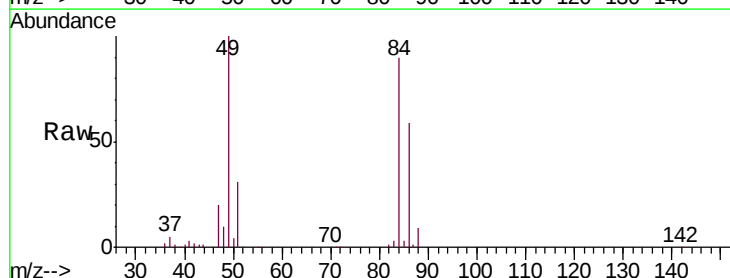
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

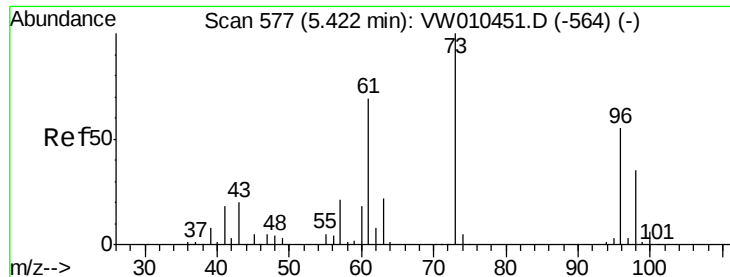
Tgt Ion: 73 Resp: 200529
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 51.939 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 84 Resp: 83614
Ion Ratio Lower Upper
84 100
49 111.0 87.2 130.8
51 33.9 27.7 41.5
86 65.1 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 56.137 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

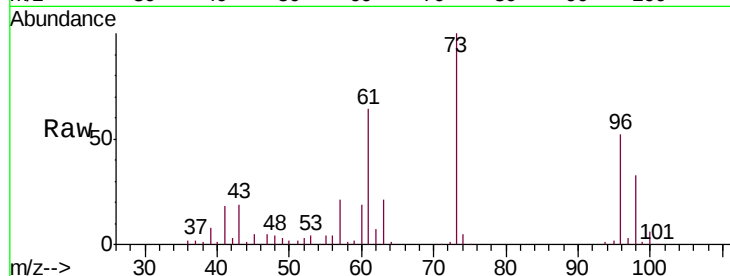
Tgt Ion: 96 Resp: 88907

Ion Ratio Lower Upper

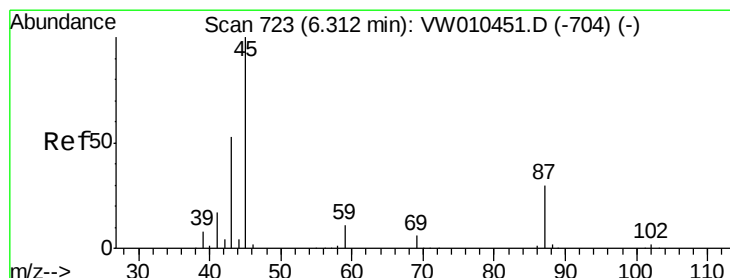
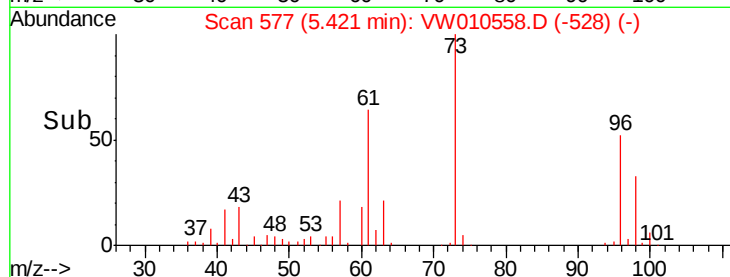
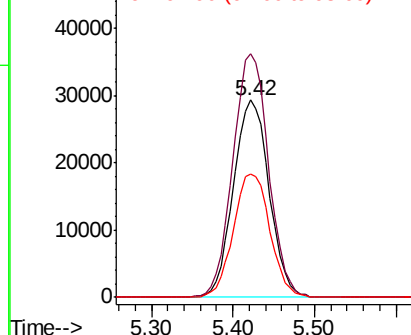
96 100

61 123.5 101.4 152.0

98 62.7 50.6 76.0



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



#22

Diisopropyl ether

Concen: 54.525 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Tgt Ion: 45 Resp: 223450

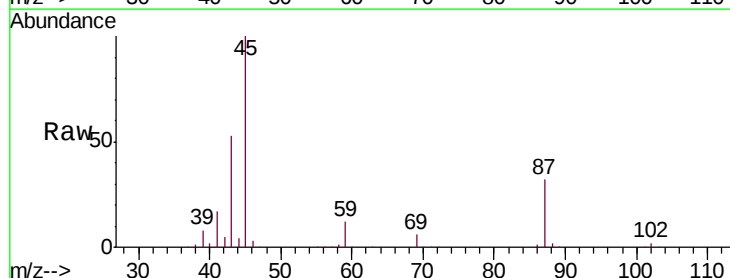
Ion Ratio Lower Upper

45 100

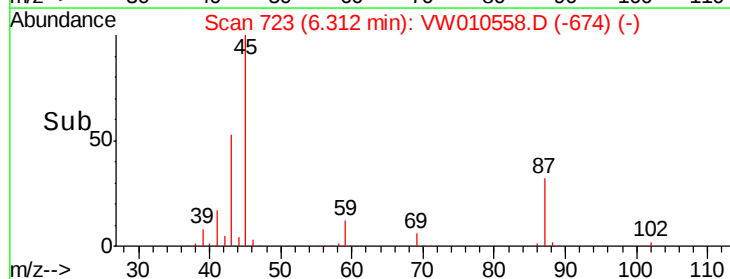
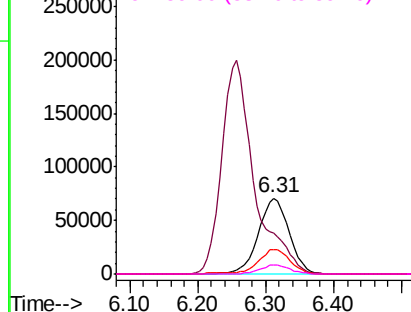
43 53.0 42.9 64.3

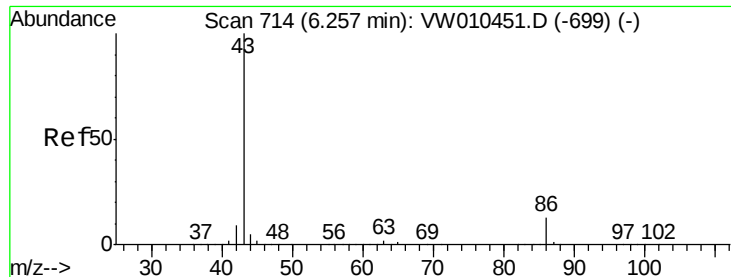
87 31.7 24.6 36.8

59 12.3 9.4 14.0



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





#23

Vinyl Acetate

Concen: 270.825 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

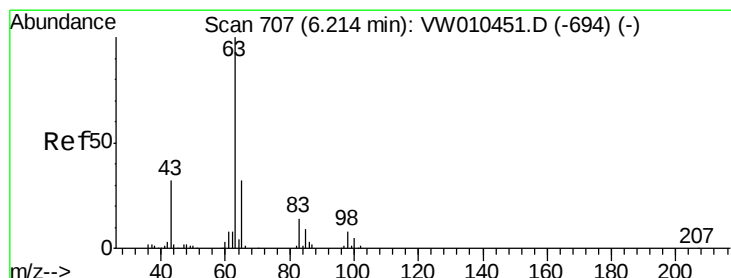
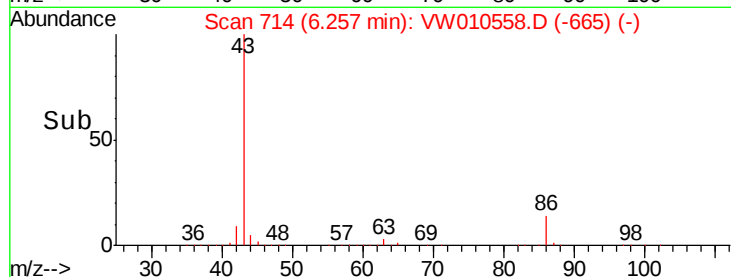
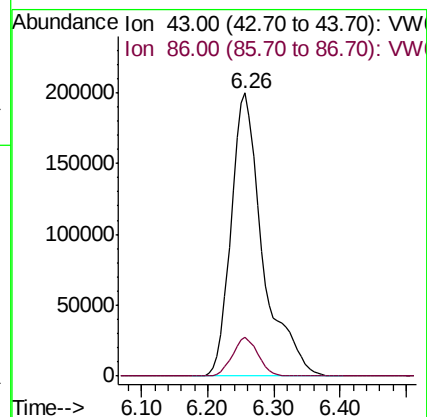
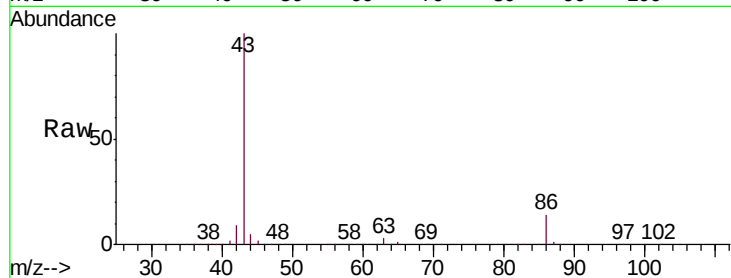
VSTDCCC050EC

Tgt Ion: 43 Resp: 662969

Ion Ratio Lower Upper

43 100

86 13.8 10.3 15.5



#24

1,1-Dichloroethane

Concen: 56.309 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

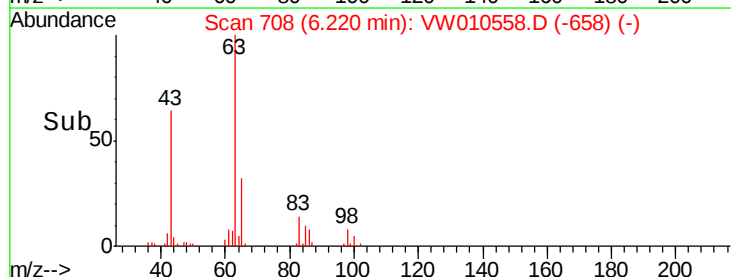
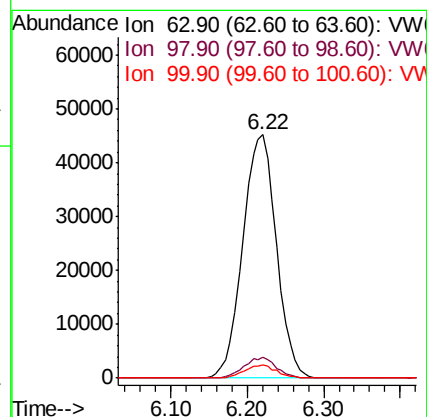
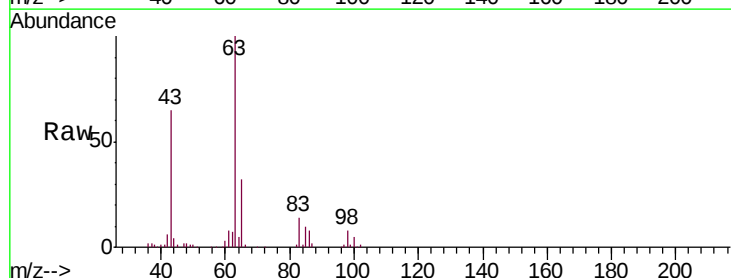
Tgt Ion: 63 Resp: 137707

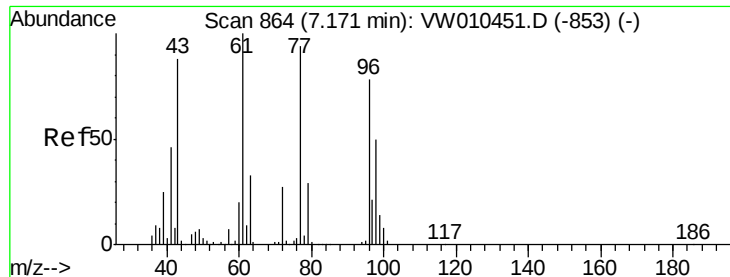
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 274.044 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

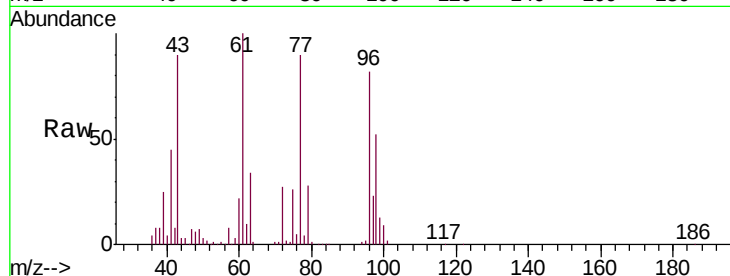
VSTDCCC050EC

Tgt Ion: 43 Resp: 108011

Ion Ratio Lower Upper

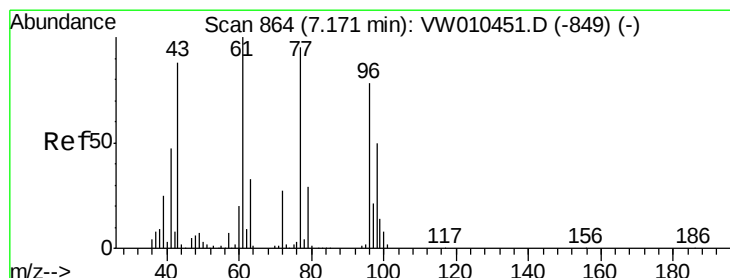
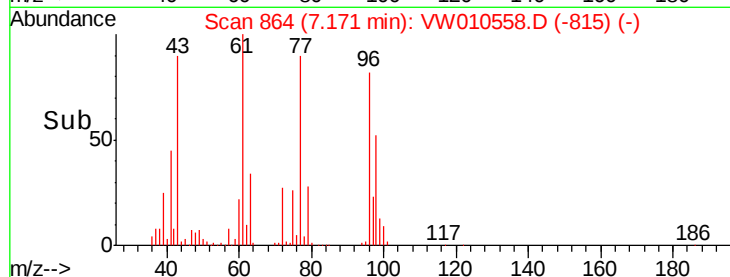
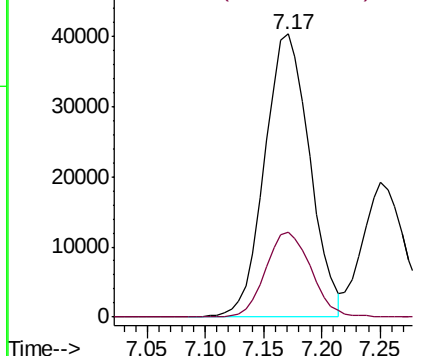
43 100

72 30.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 54.243 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010558.D

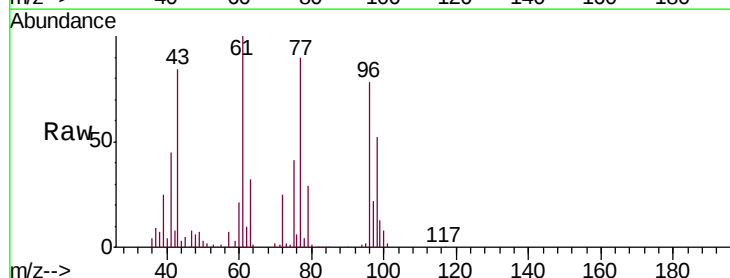
Acq: 24 May 2019 19:37

Tgt Ion: 77 Resp: 126361

Ion Ratio Lower Upper

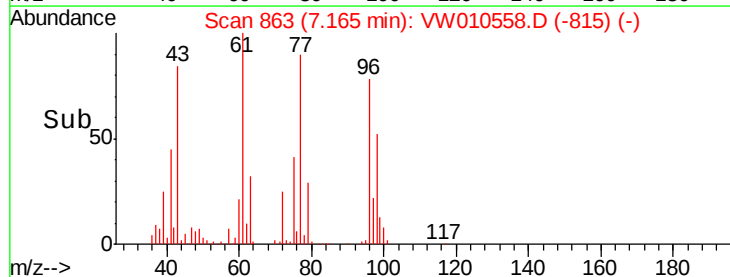
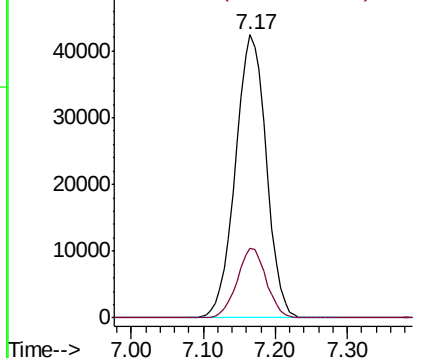
77 100

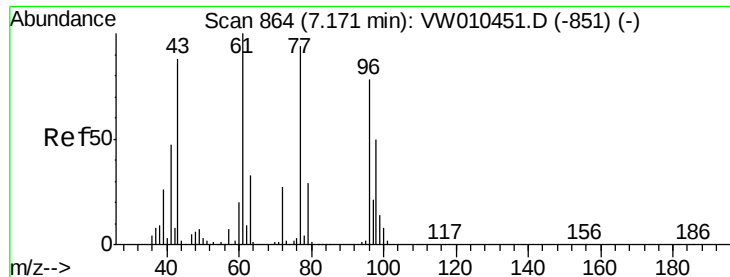
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



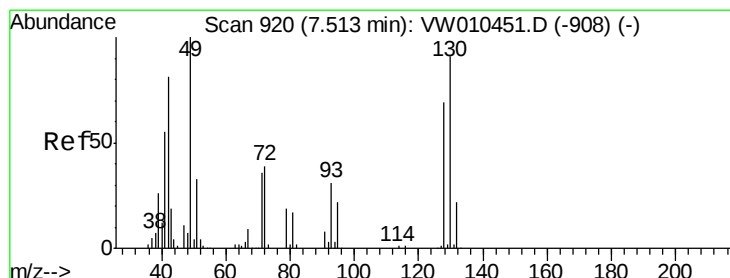
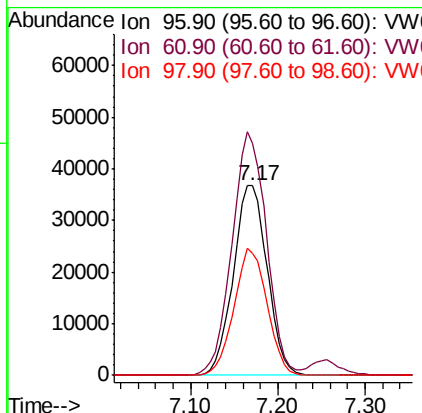
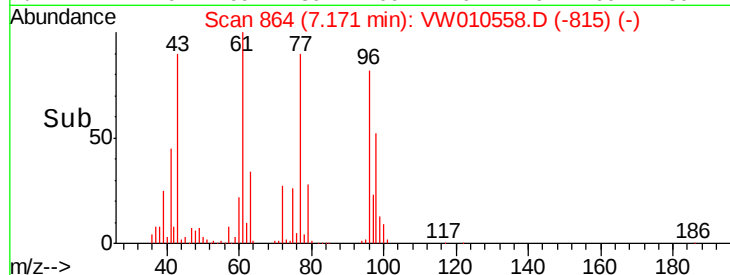
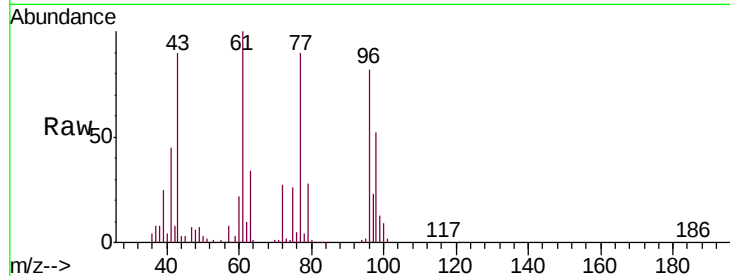


#27

cis-1,2-Dichloroethene
Concen: 57.541 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

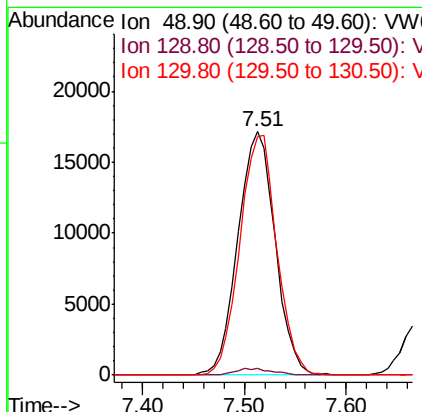
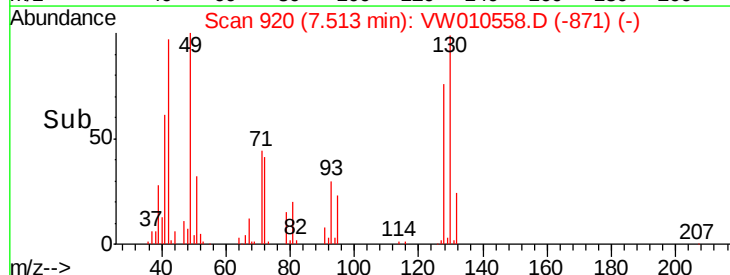
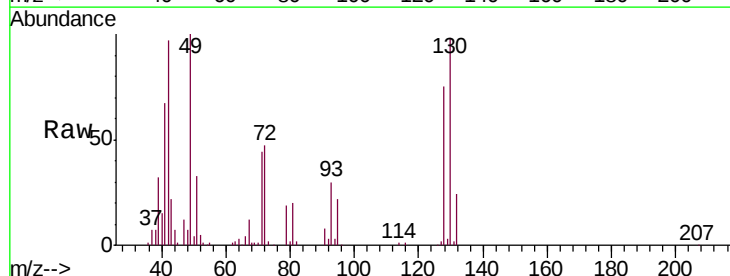
Tgt Ion: 96 Resp: 99075
Ion Ratio Lower Upper
96 100
61 130.5 0.0 265.4
98 65.3 0.0 129.4

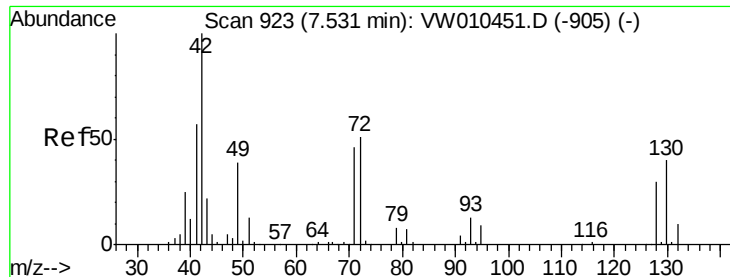


#28

Bromochloromethane
Concen: 49.634 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 49 Resp: 43459
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 97.8 71.2 106.8

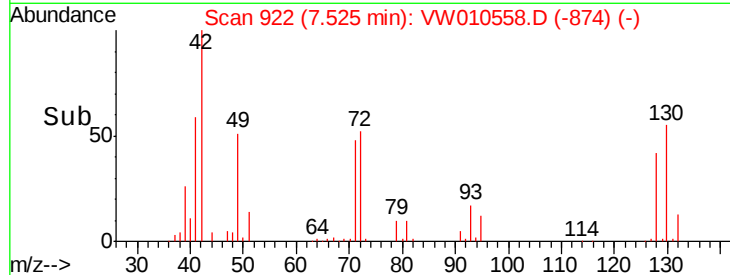
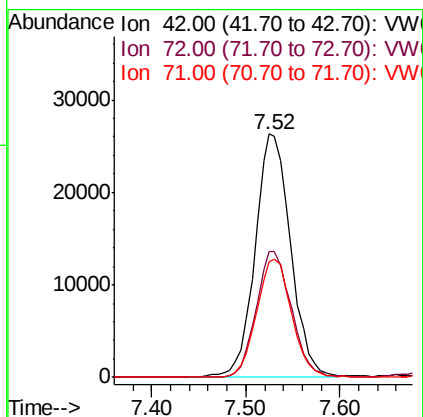
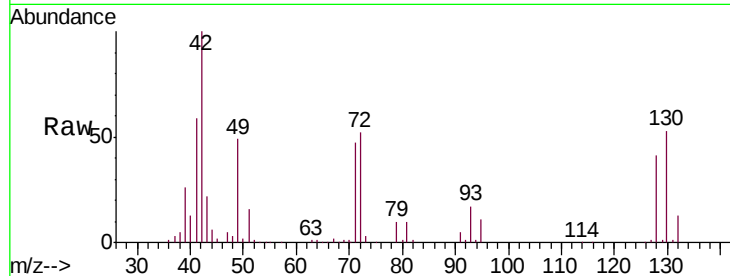




#29
Tetrahydrofuran
Concen: 260.698 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

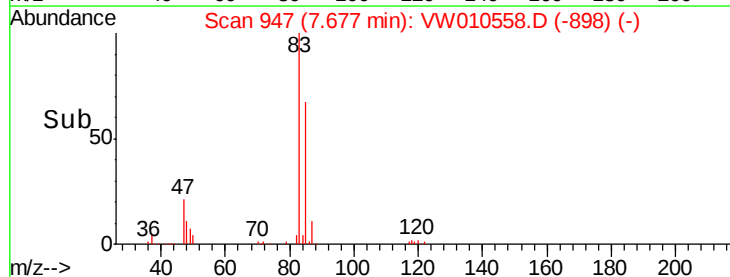
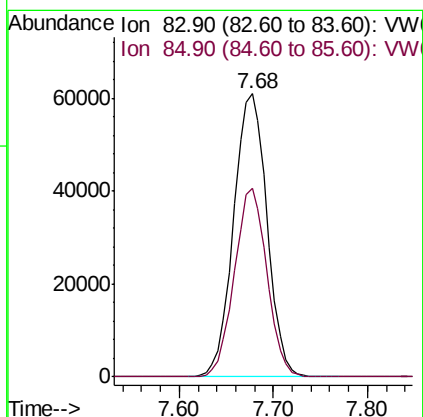
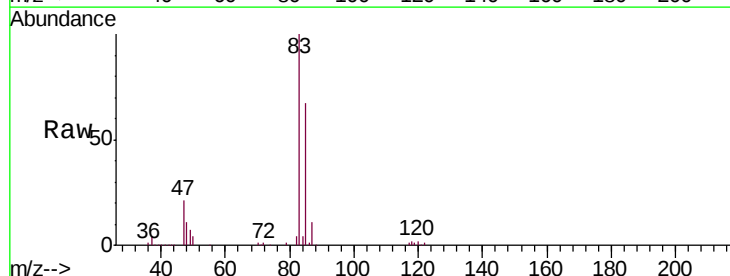
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

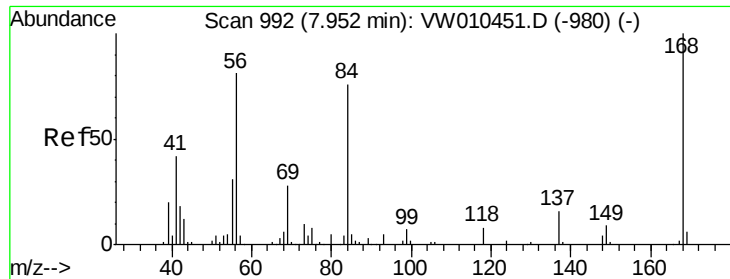
Tgt Ion: 42 Resp: 69529
Ion Ratio Lower Upper
42 100
72 51.4 38.5 57.7
71 48.3 36.5 54.7



#30
Chloroform
Concen: 57.026 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 83 Resp: 150426
Ion Ratio Lower Upper
83 100
85 66.7 52.2 78.4

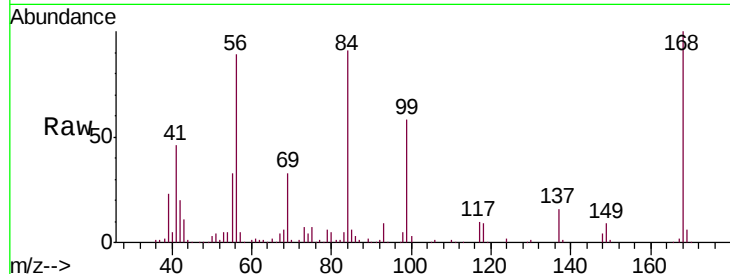




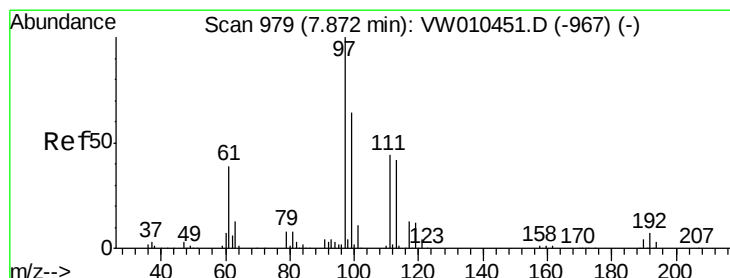
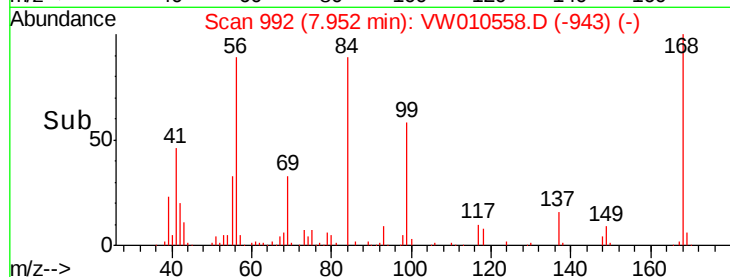
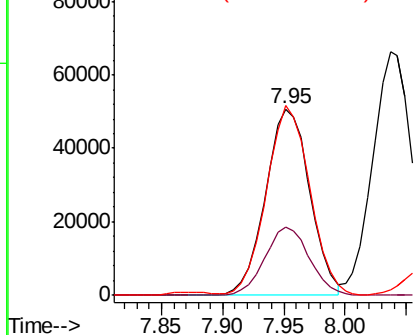
#31
Cyclohexane
Concen: 49.941 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 127934
Ion Ratio Lower Upper
56 100
69 36.8 28.2 42.2
84 99.7 75.8 113.8

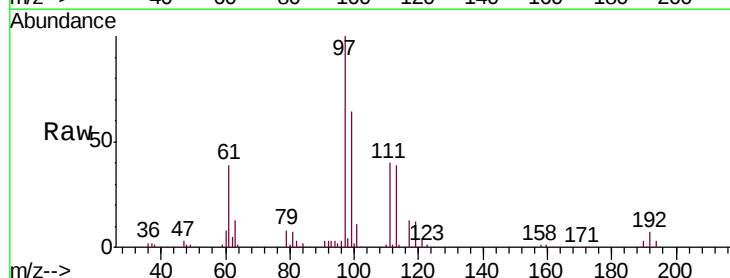


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

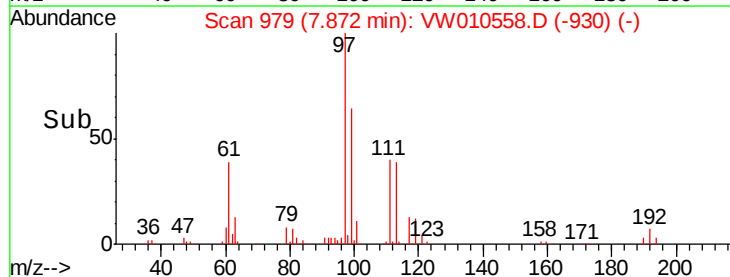
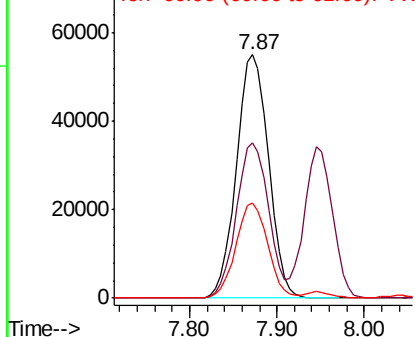


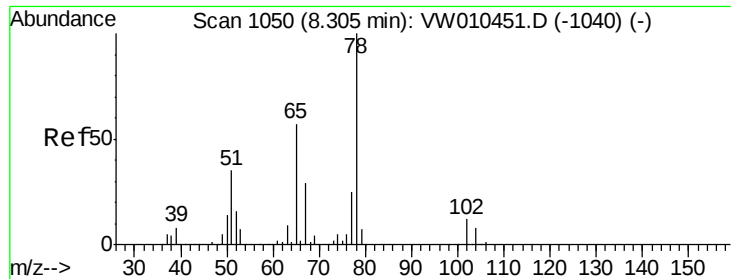
#32
1,1,1-Trichloroethane
Concen: 55.680 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 97 Resp: 140381
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 38.7 32.1 48.1



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: 48.907 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

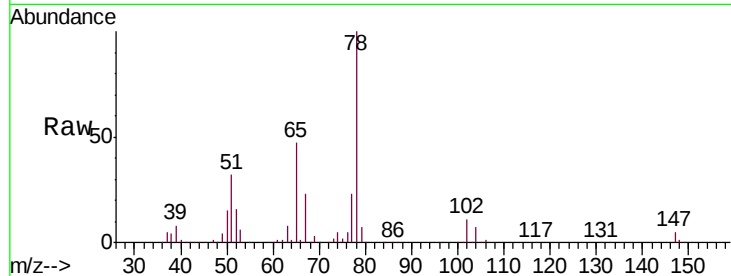
VSTDCCC050EC

Tgt Ion: 65 Resp: 65987

Ion Ratio Lower Upper

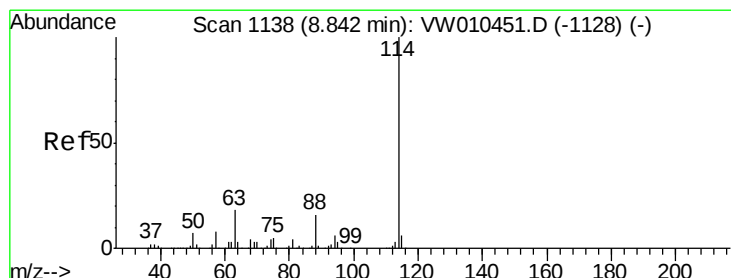
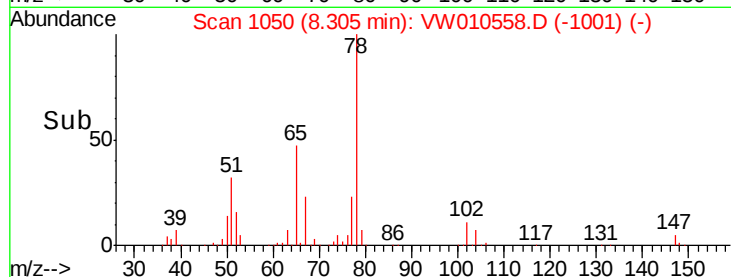
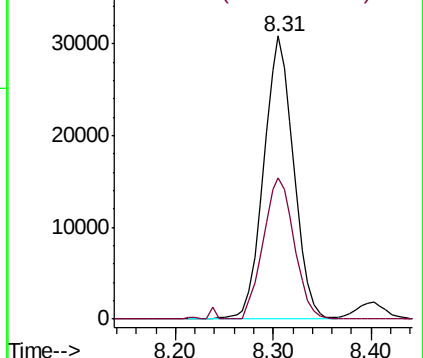
65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

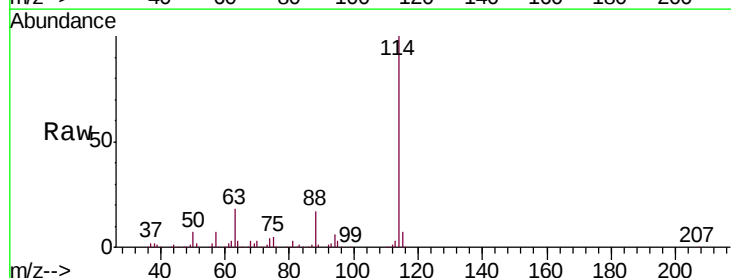
Tgt Ion: 114 Resp: 217510

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

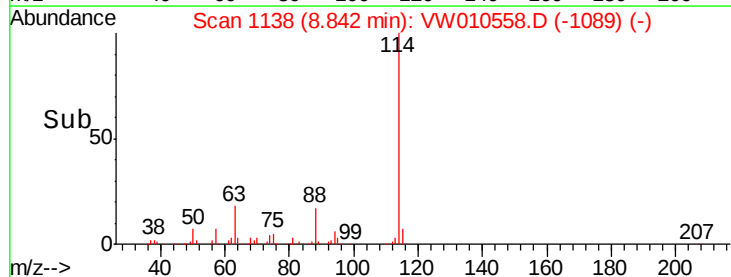
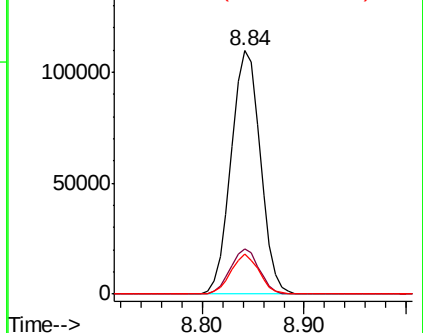
88 16.6 0.0 32.0

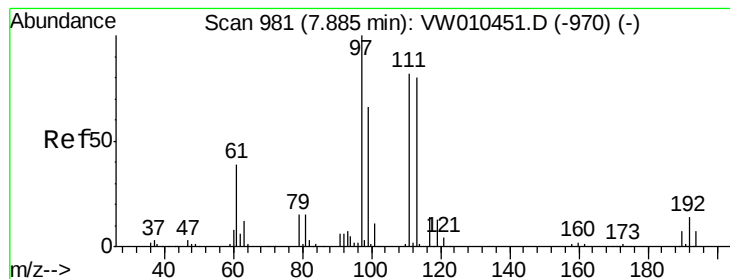


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.016 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

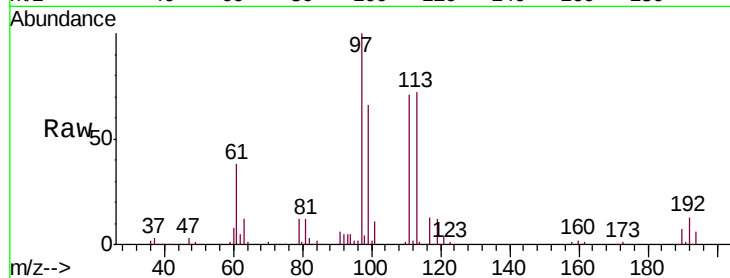
Tgt Ion:113 Resp: 69971

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

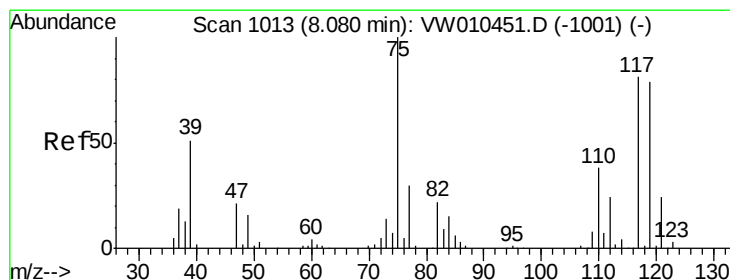
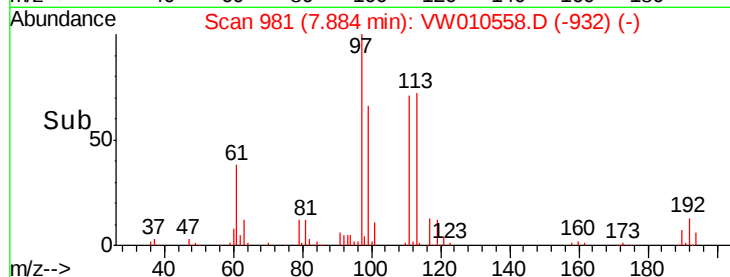
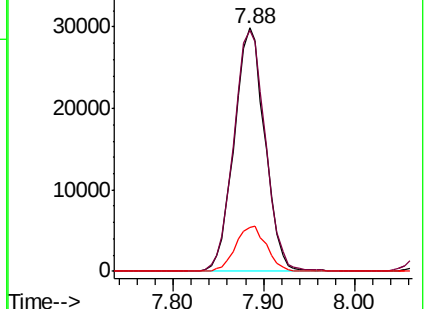
192 18.7 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 57.172 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

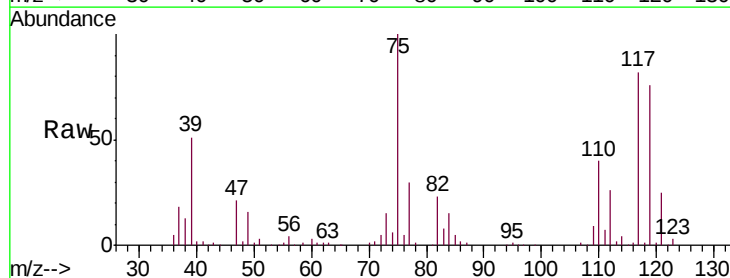
Tgt Ion: 75 Resp: 115843

Ion Ratio Lower Upper

75 100

110 39.3 19.2 57.6

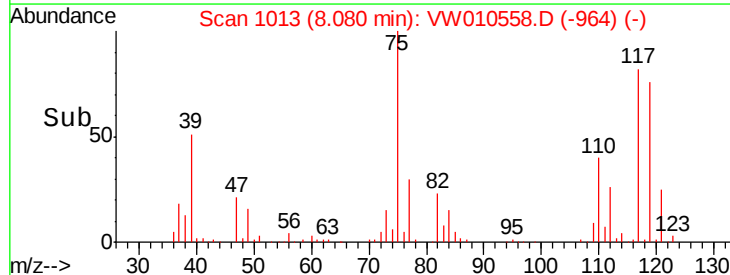
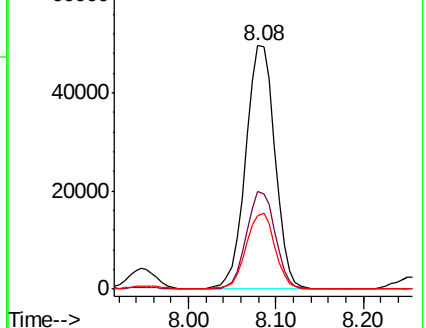
77 30.8 25.2 37.8

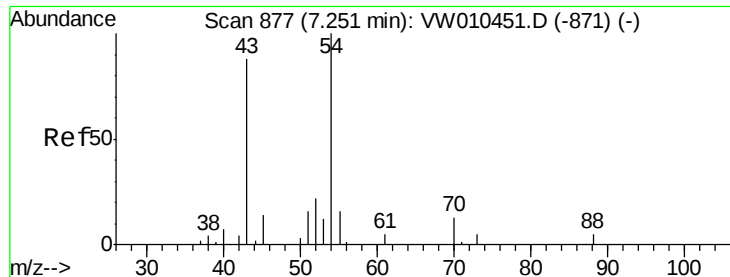


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

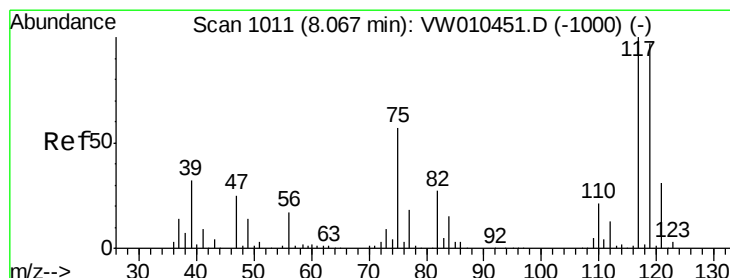
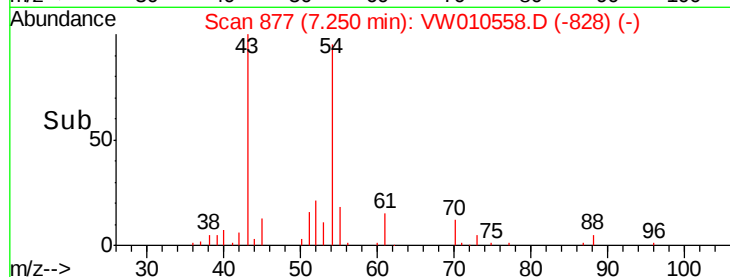
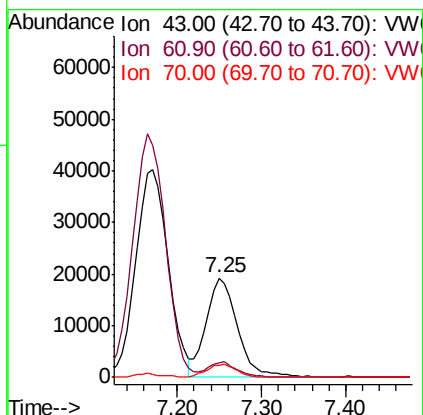
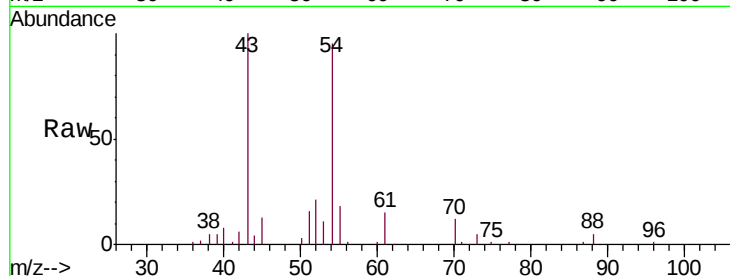




#37
Ethyl Acetate
Concen: 57.247 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

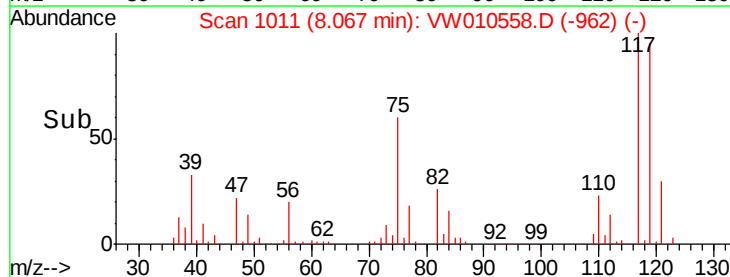
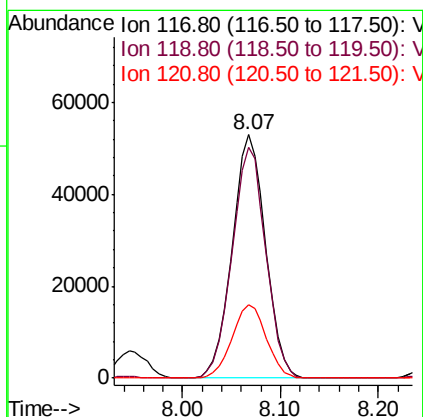
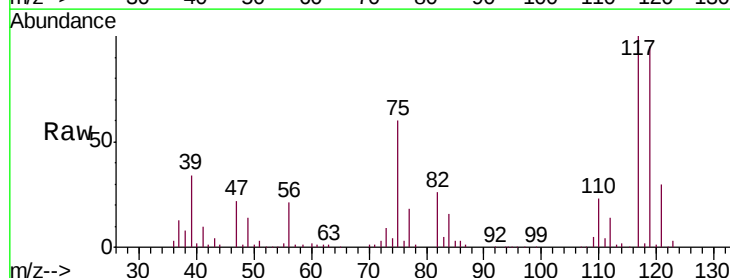
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

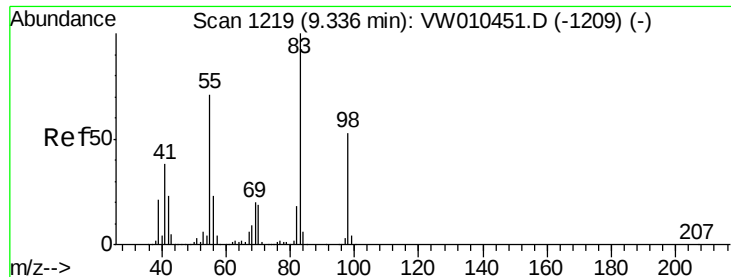
Tgt Ion: 43 Resp: 49326
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 13.1 9.9 14.9



#38
Carbon Tetrachloride
Concen: 57.164 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 117 Resp: 124947
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
121 30.0 25.0 37.6

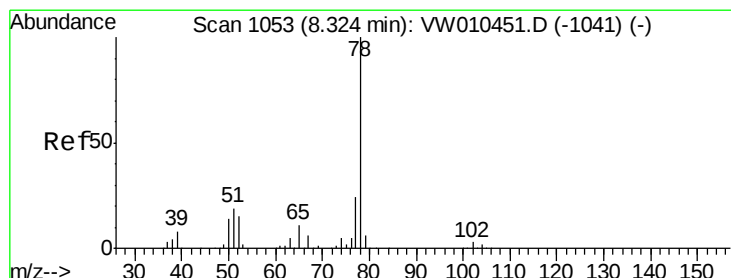
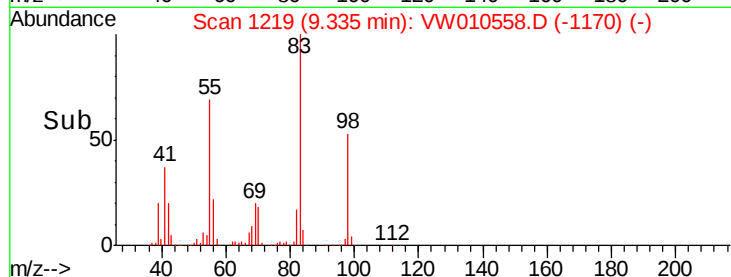
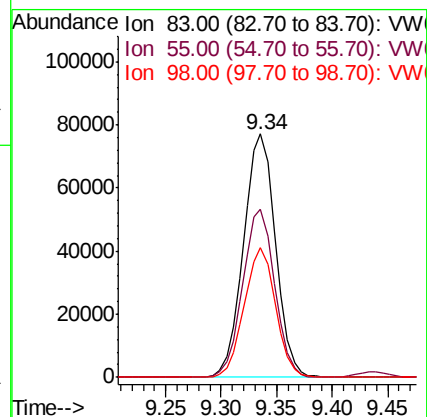
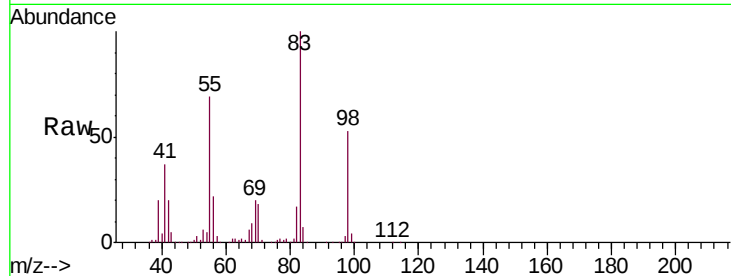




#39
Methylcyclohexane
Concen: 56.737 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

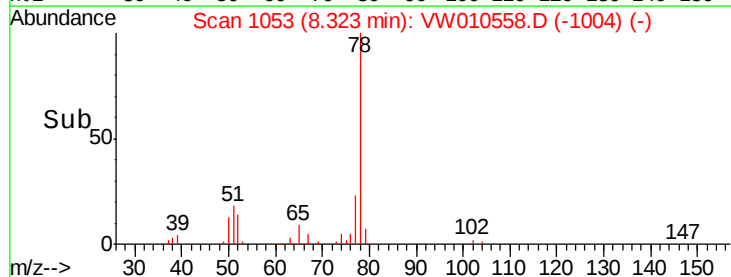
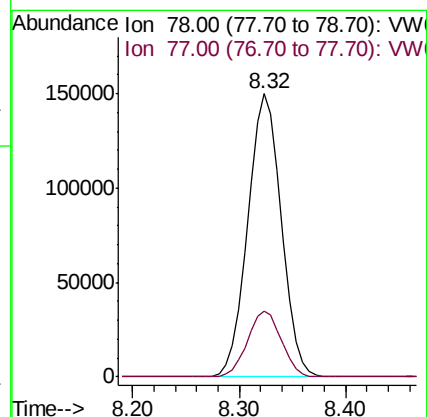
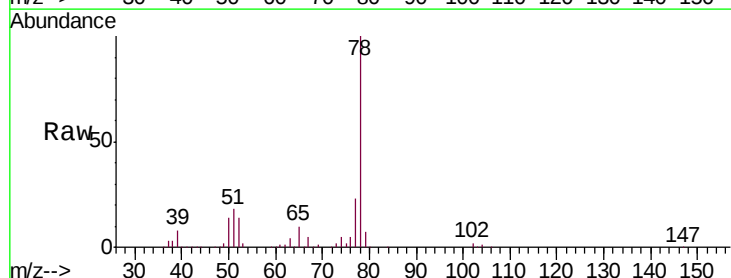
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

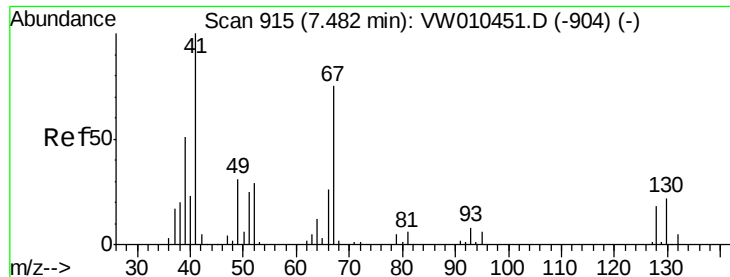
Tgt Ion: 83 Resp: 154022
Ion Ratio Lower Upper
83 100
55 69.1 57.0 85.6
98 53.4 42.0 63.0



#40
Benzene
Concen: 58.834 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 78 Resp: 331341
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3





#41

Methacrylonitrile

Concen: 52.927 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 27097

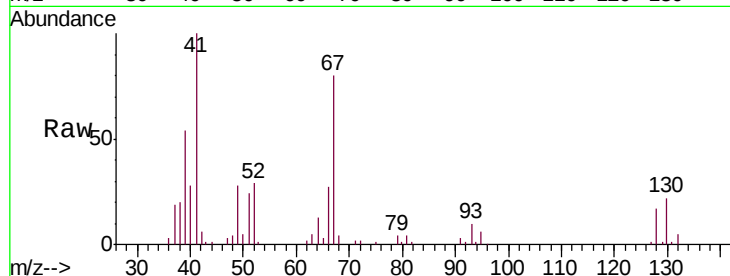
Ion Ratio Lower Upper

41 100

39 60.5 47.4 71.2

67 82.9 65.5 98.3

52 32.3 25.0 37.4

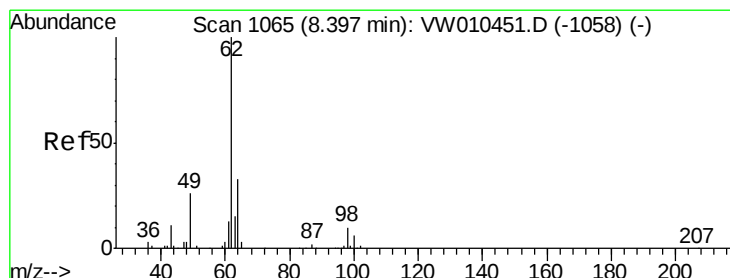
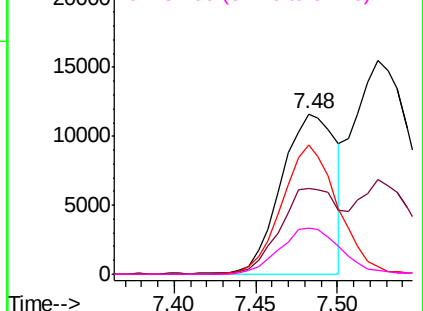
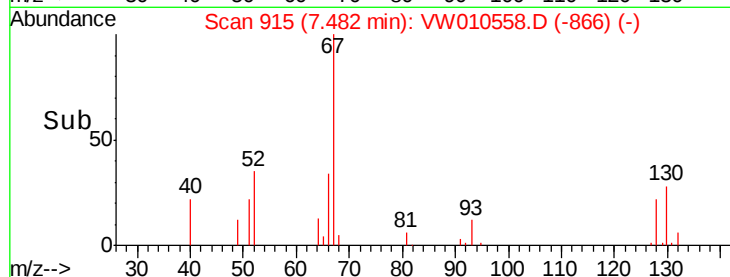


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 58.794 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010558.D

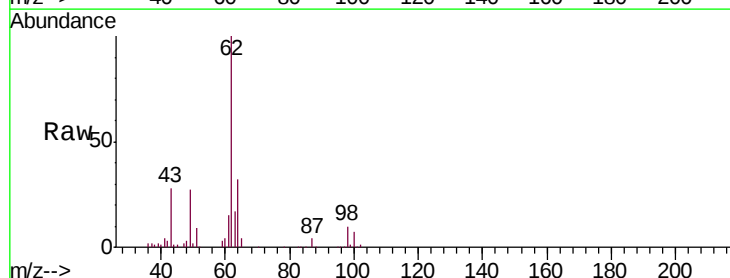
Acq: 24 May 2019 19:37

Tgt Ion: 62 Resp: 94636

Ion Ratio Lower Upper

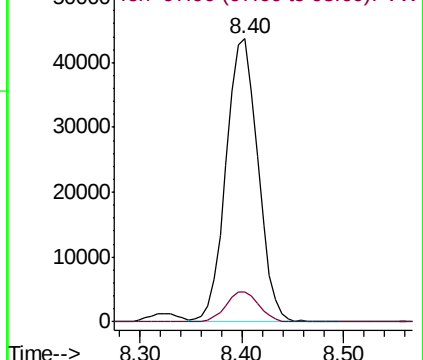
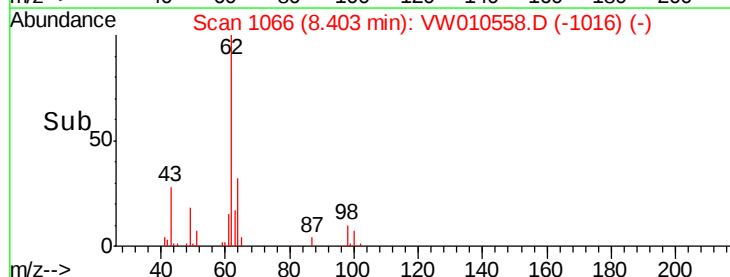
62 100

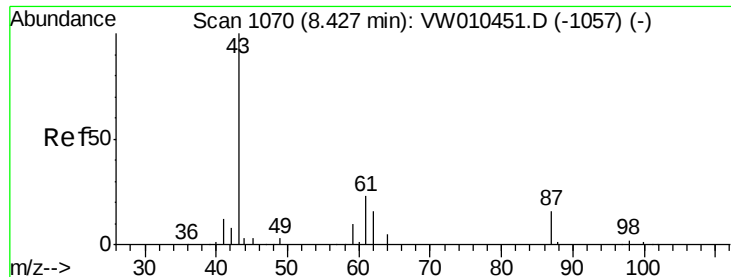
98 10.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.671 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

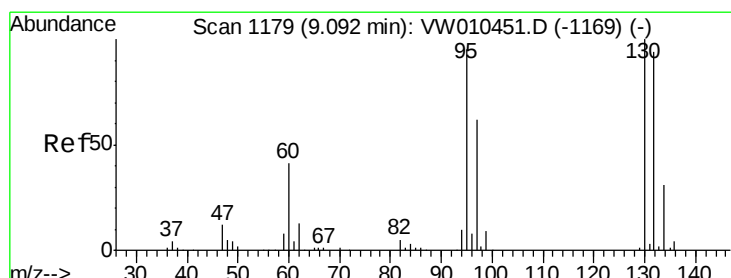
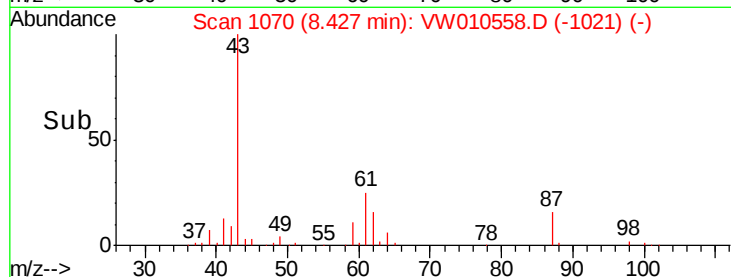
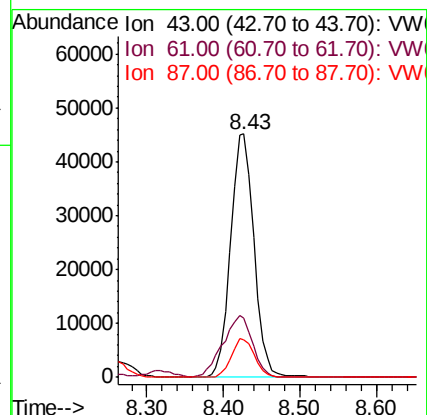
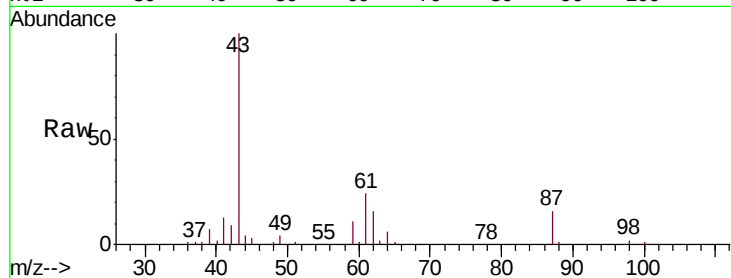
Tgt Ion: 43 Resp: 95830

Ion Ratio Lower Upper

43 100

61 32.0 25.4 38.2

87 15.7 12.7 19.1



#44

Trichloroethene

Concen: 60.154 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010558.D

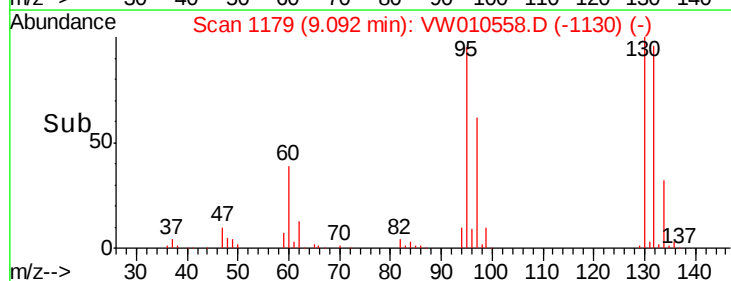
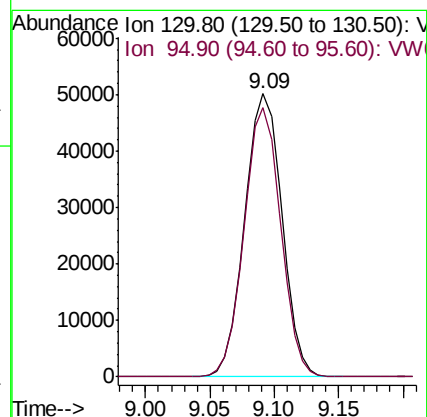
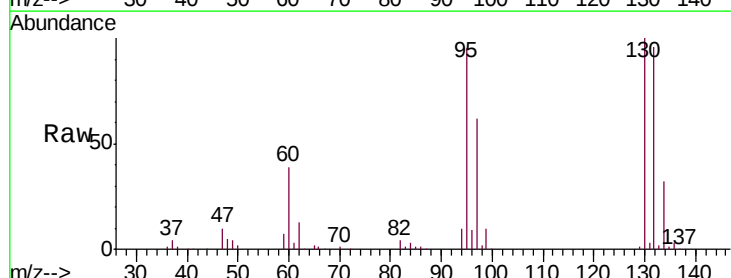
Acq: 24 May 2019 19:37

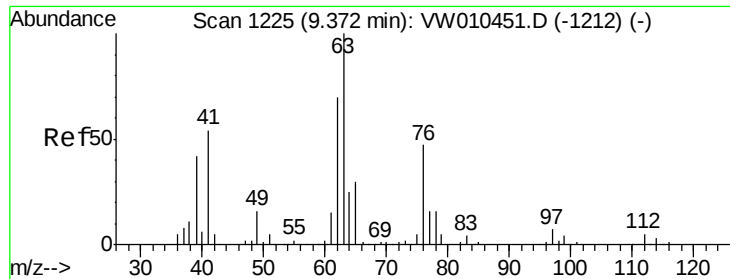
Tgt Ion: 130 Resp: 100575

Ion Ratio Lower Upper

130 100

95 95.3 0.0 189.6

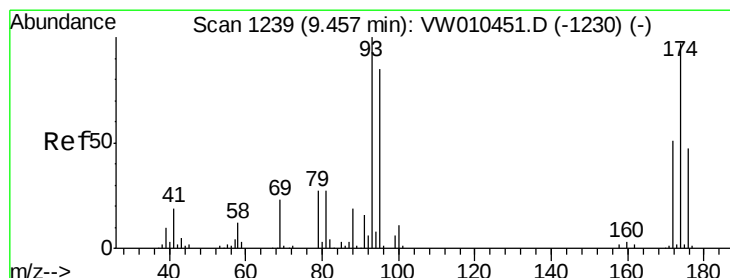
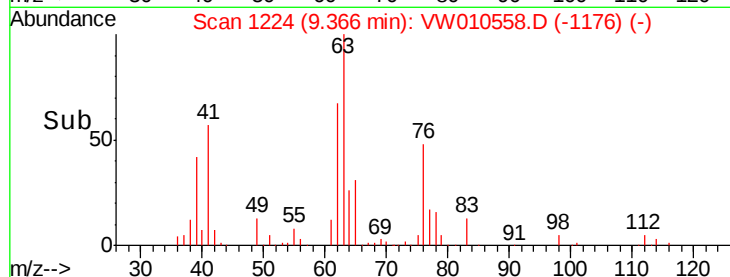
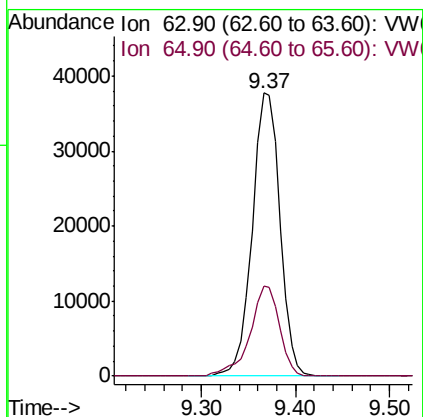
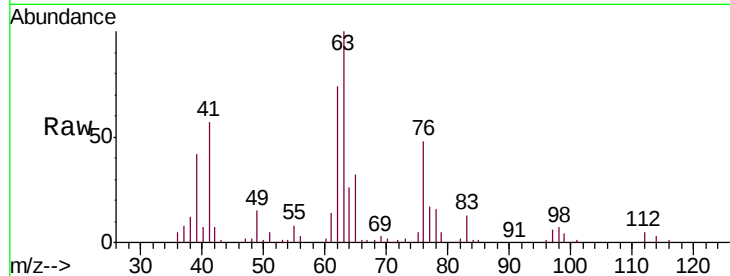




#45
 1,2-Dichloropropane
 Concen: 57.935 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

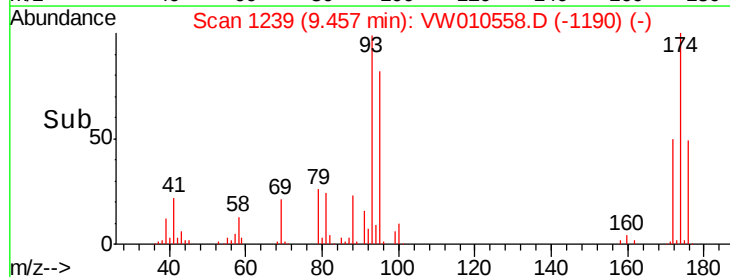
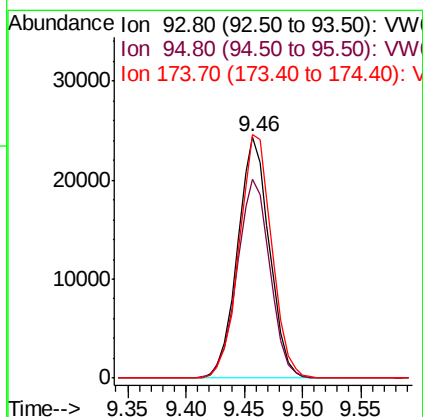
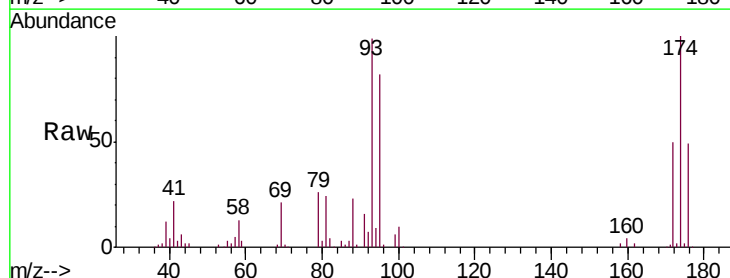
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 77490
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.3 36.5



#46
 Dibromomethane
 Concen: 59.231 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 93 Resp: 46331
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.1 99.1
 174 103.6 77.1 115.7





#47

Bromodichloromethane

Concen: 58.126 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

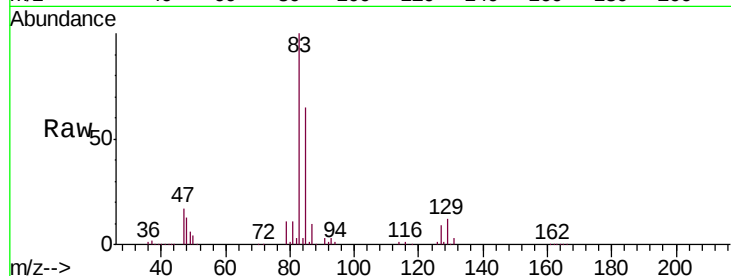
Tgt Ion: 83 Resp: 114258

Ion Ratio Lower Upper

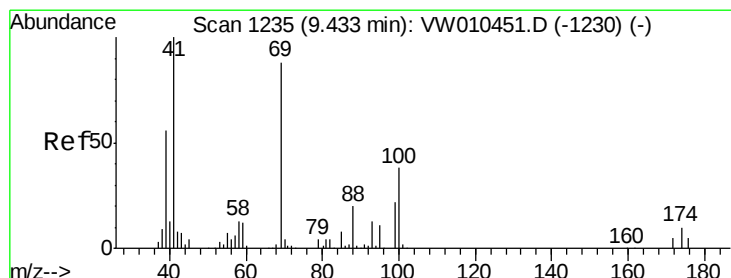
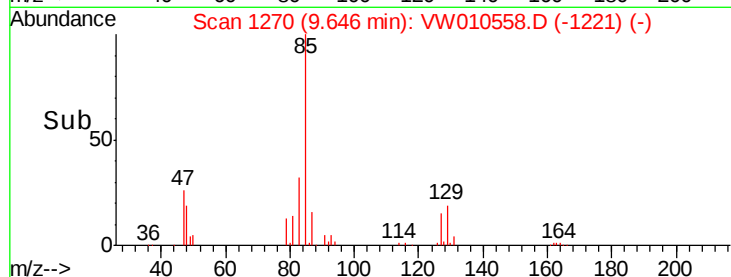
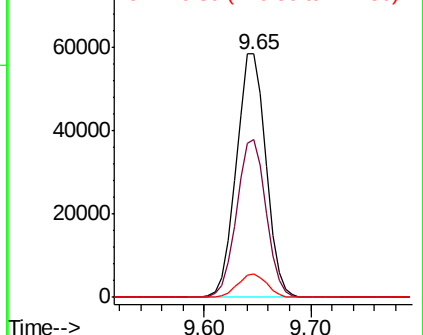
83 100

85 65.1 50.4 75.6

127 9.5 7.4 11.0



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



#48

Methyl methacrylate

Concen: 55.178 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

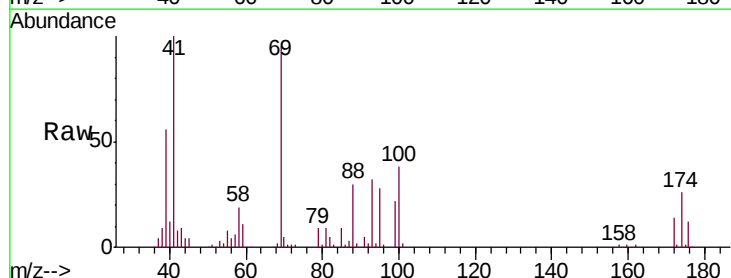
Tgt Ion: 41 Resp: 43453

Ion Ratio Lower Upper

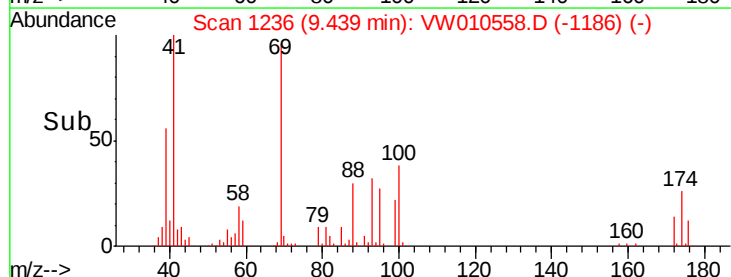
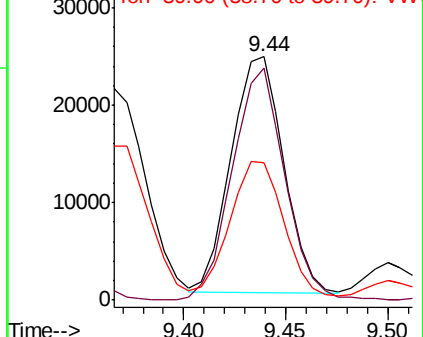
41 100

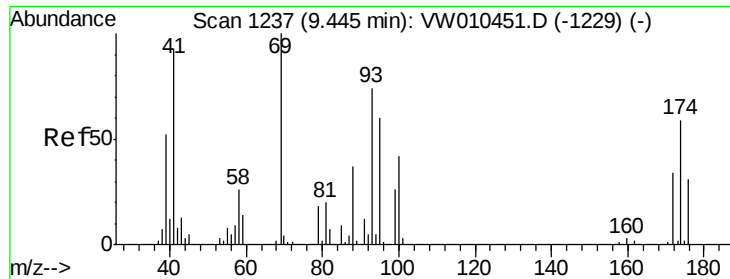
69 98.7 77.6 116.4

39 61.4 49.8 74.8



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

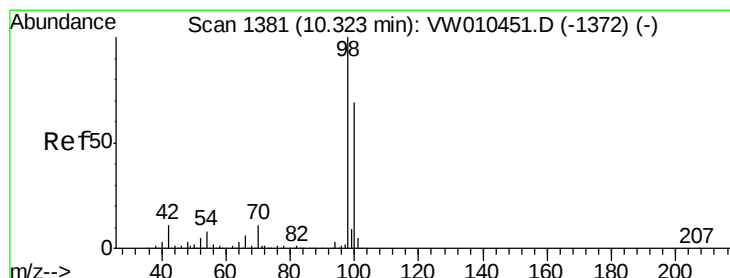
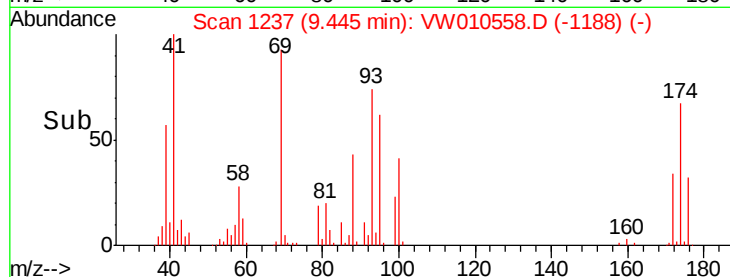
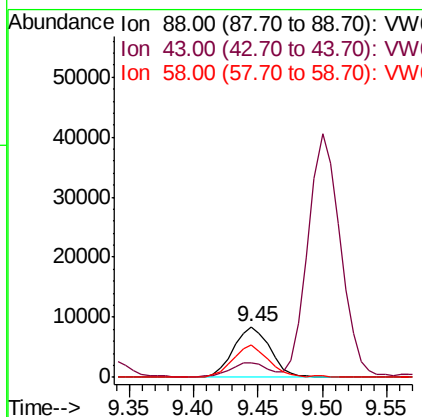
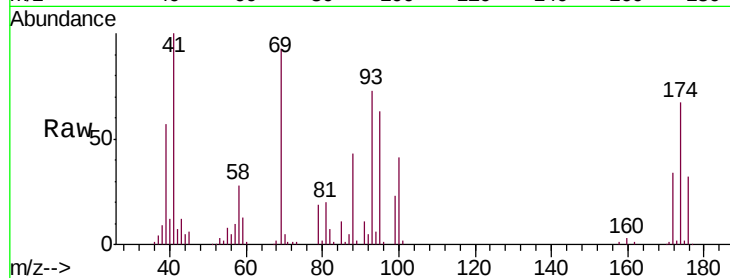




#49
 1,4-Dioxane
 Concen: 1304.511 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

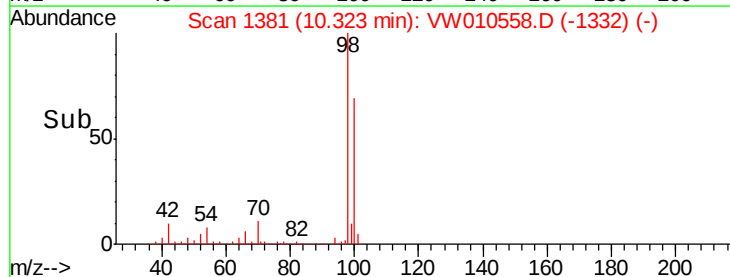
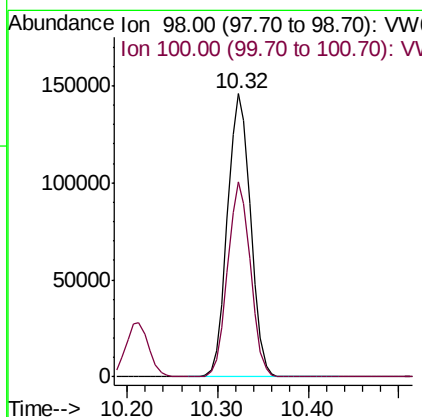
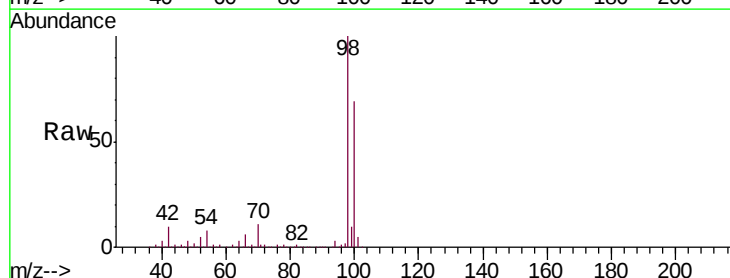
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

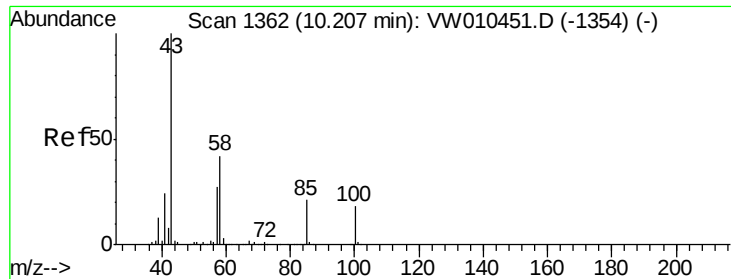
Tgt Ion: 88 Resp: 16669
 Ion Ratio Lower Upper
 88 100
 43 27.0 25.9 38.9
 58 61.8 52.7 79.1



#50
 Toluene-d8
 Concen: 51.131 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 98 Resp: 257802
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.7 80.5

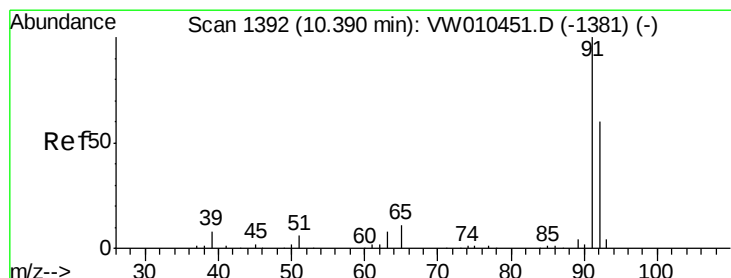
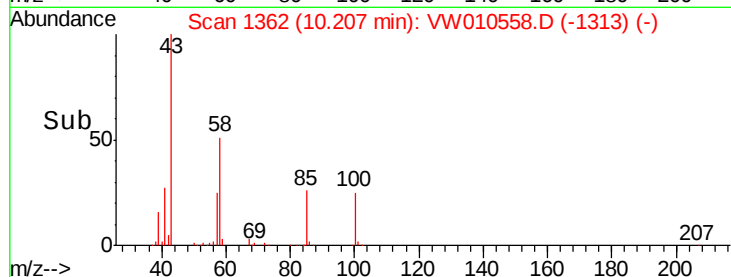
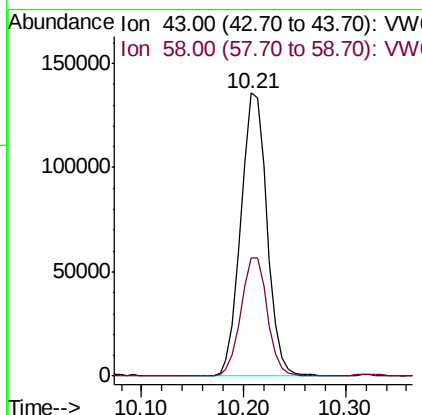
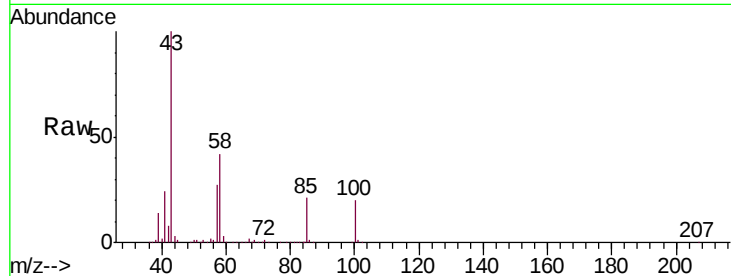




#51
 4-Methyl-2-Pentanone
 Concen: 277.408 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

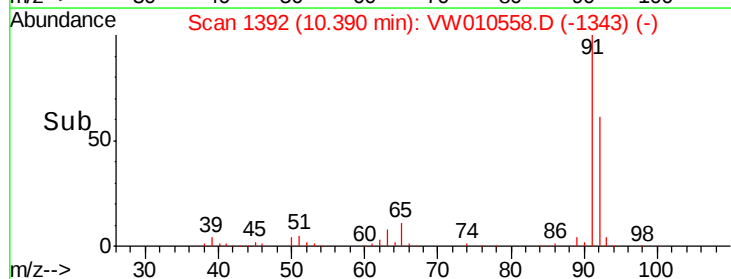
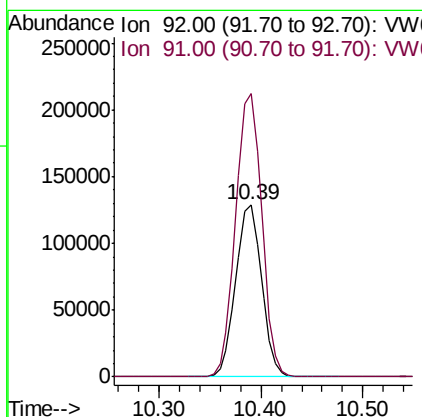
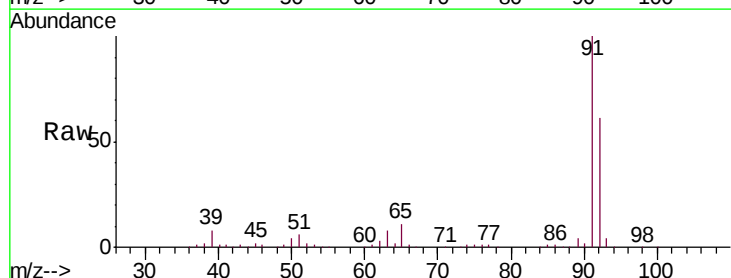
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

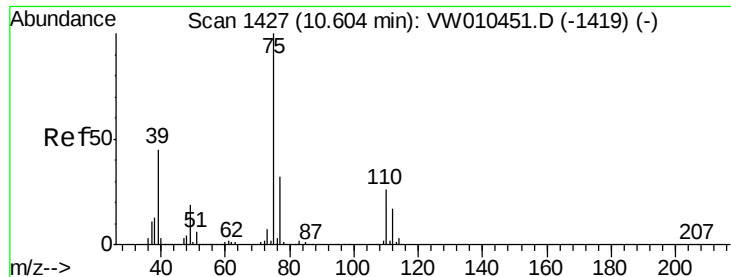
Tgt Ion: 43 Resp: 241972
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.2 49.8



#52
 Toluene
 Concen: 59.802 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 92 Resp: 226181
 Ion Ratio Lower Upper
 92 100
 91 166.6 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 57.224 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

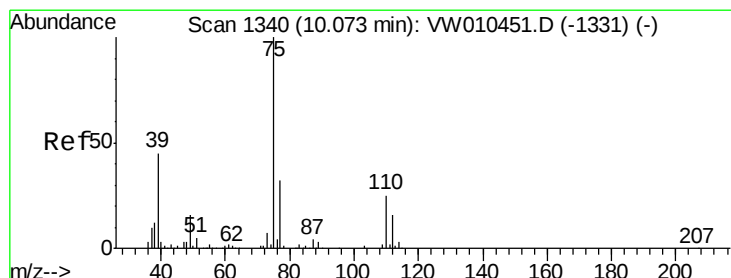
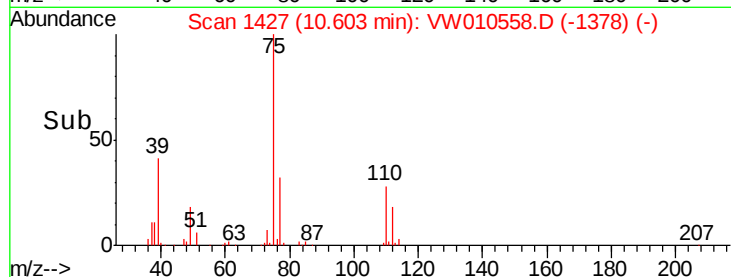
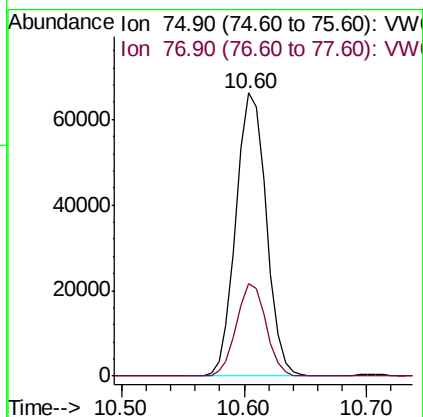
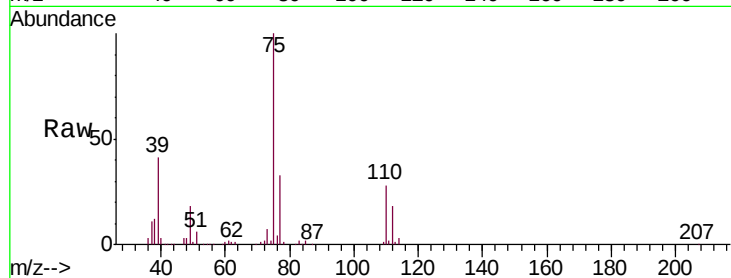
VSTDCCC050EC

Tgt Ion: 75 Resp: 113922

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 58.747 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

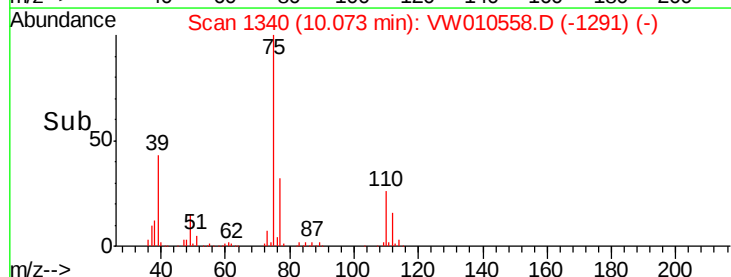
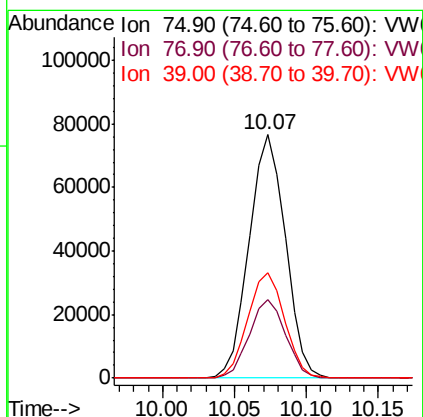
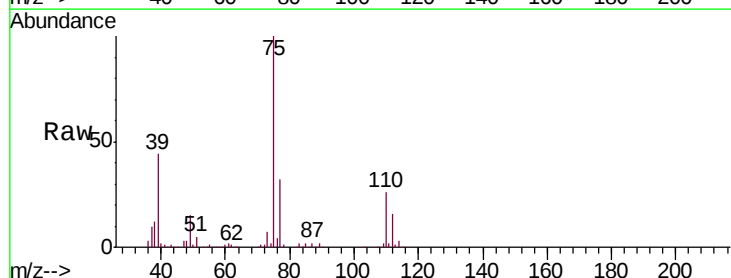
Tgt Ion: 75 Resp: 133568

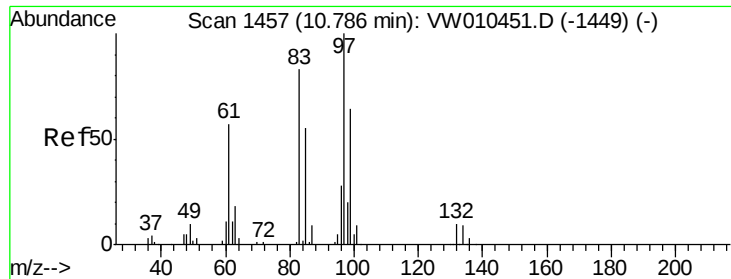
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 43.4 36.2 54.4

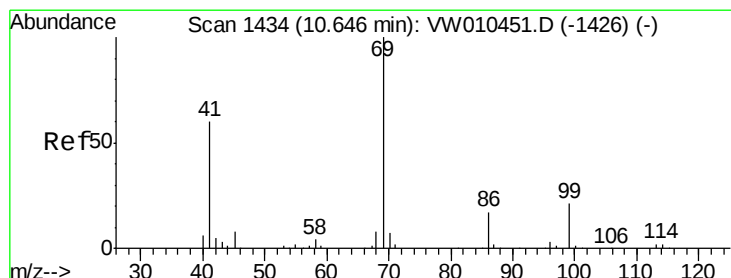
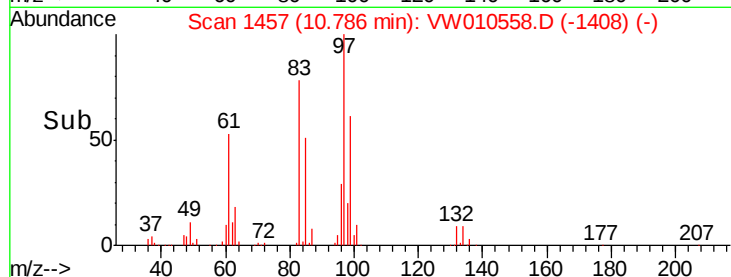
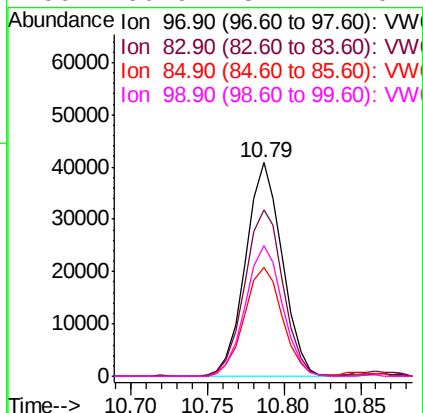
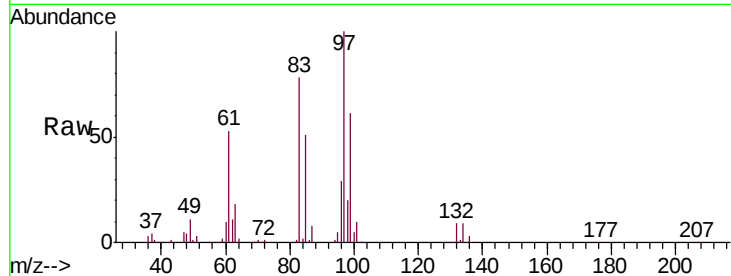




#55
 1,1,2-Trichloroethane
 Concen: 60.645 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

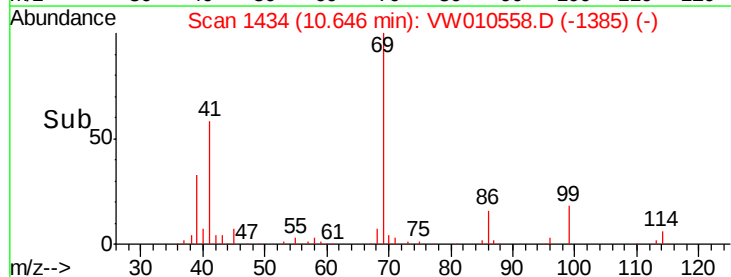
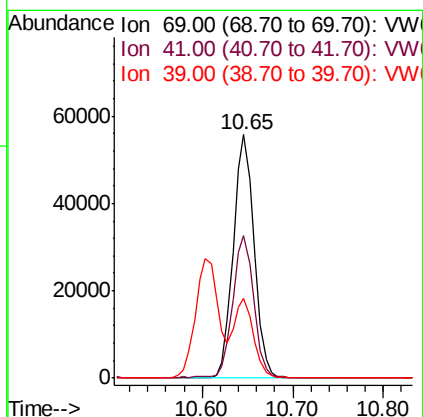
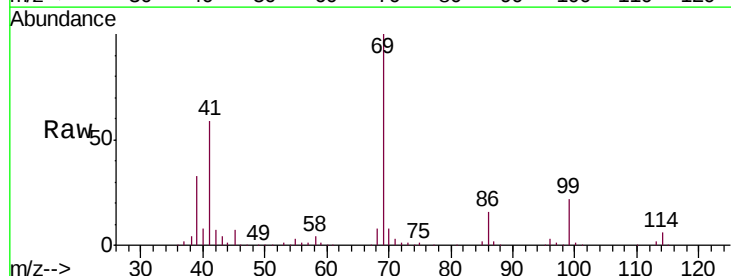
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

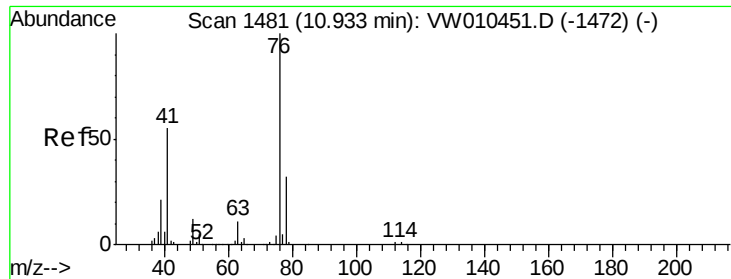
Tgt Ion:	97	Resp:	68216
Ion	Ratio	Lower	Upper
97	100		
83	78.0	66.1	99.1
85	51.0	44.2	66.4
99	60.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 57.298 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion:	69	Resp:	88888
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.7	71.5
39	30.4	25.3	37.9

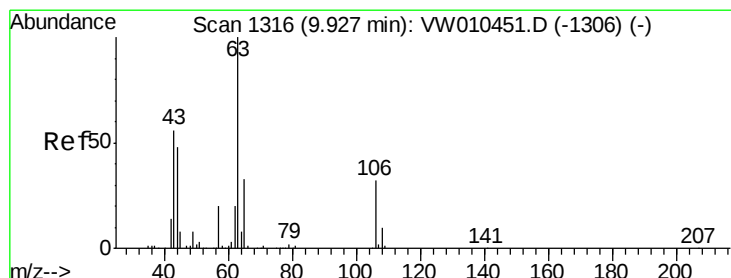
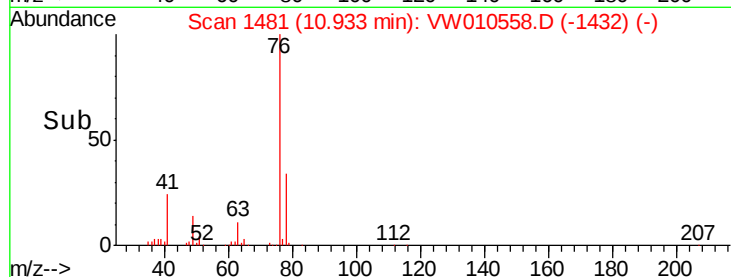
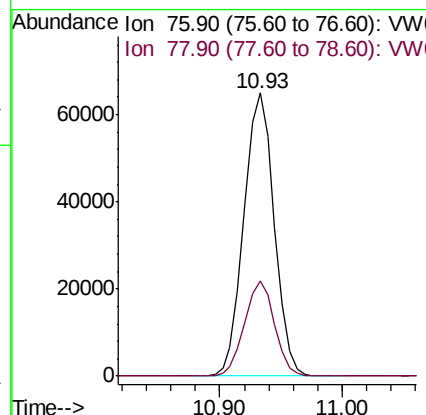
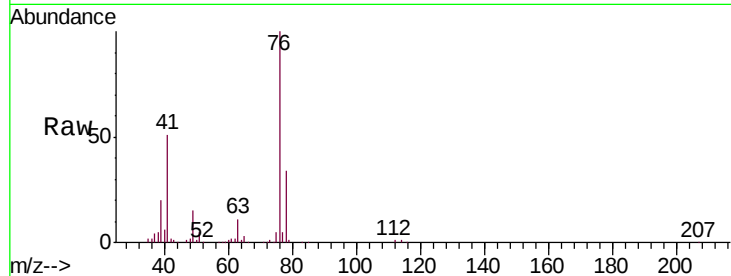




#57
 1,3-Dichloropropane
 Concen: 59.326 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

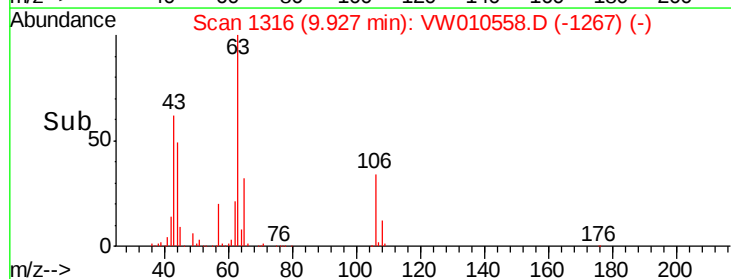
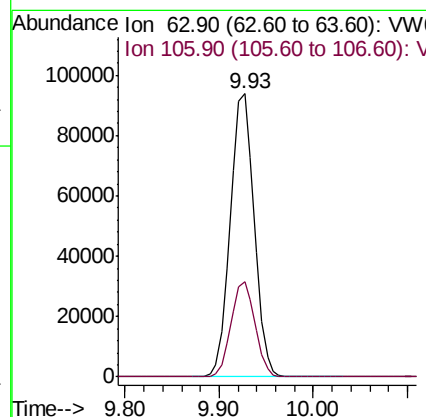
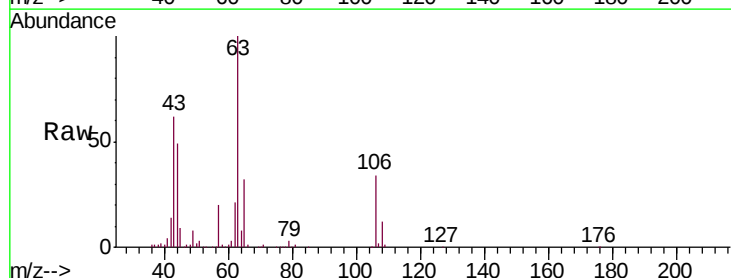
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

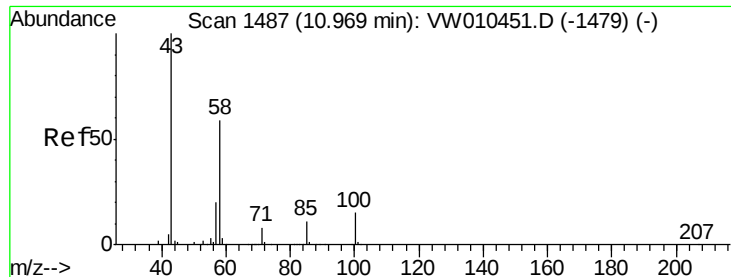
Tgt Ion: 76 Resp: 111780
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.484 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 63 Resp: 165931
 Ion Ratio Lower Upper
 63 100
 106 33.6 25.8 38.6

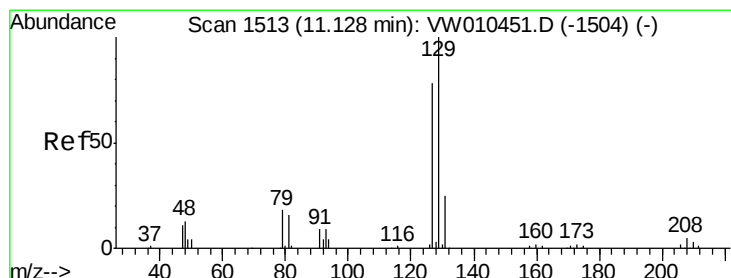
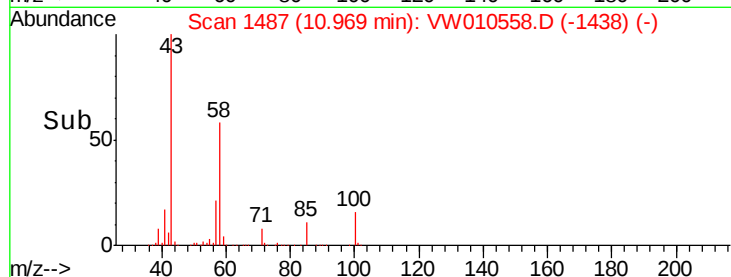
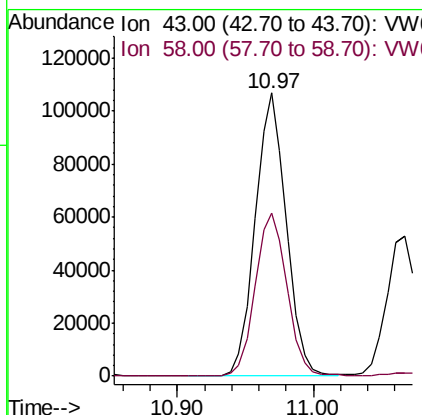
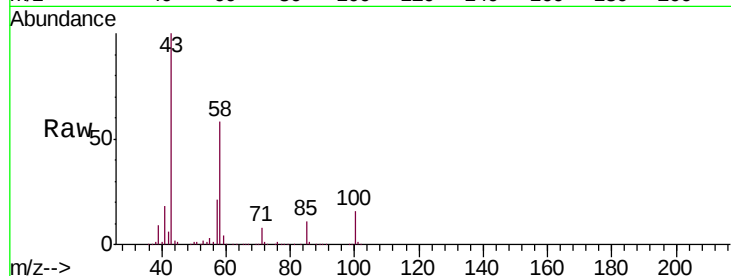




#59
2-Hexanone
Concen: 274.933 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

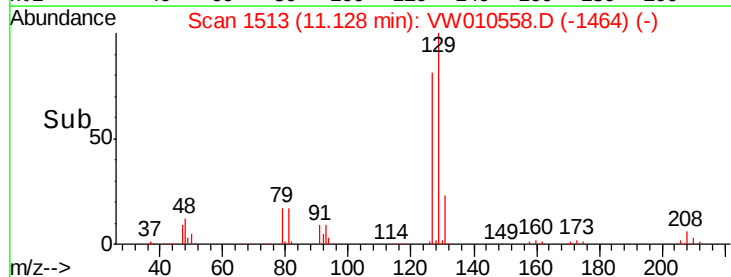
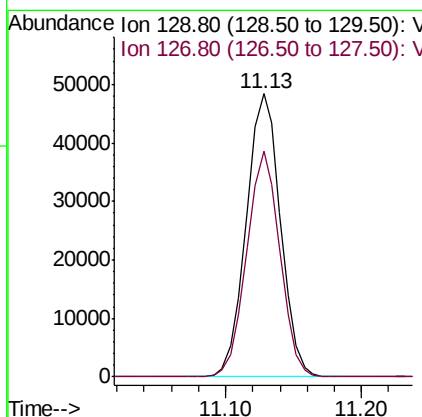
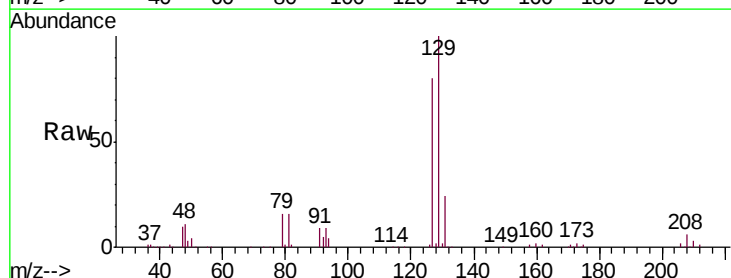
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

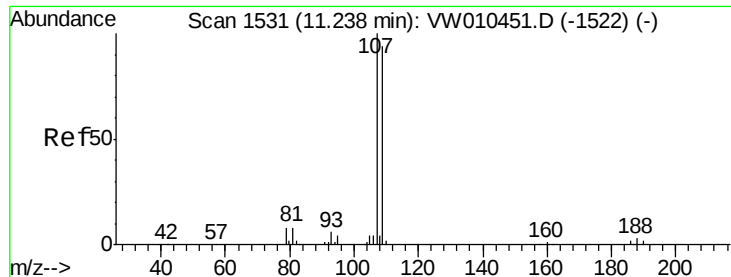
Tgt Ion: 43 Resp: 171070
Ion Ratio Lower Upper
43 100
58 58.9 28.9 86.8



#60
Dibromochloromethane
Concen: 59.975 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 129 Resp: 85379
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

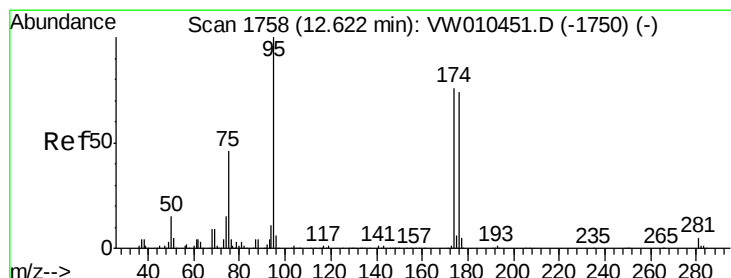
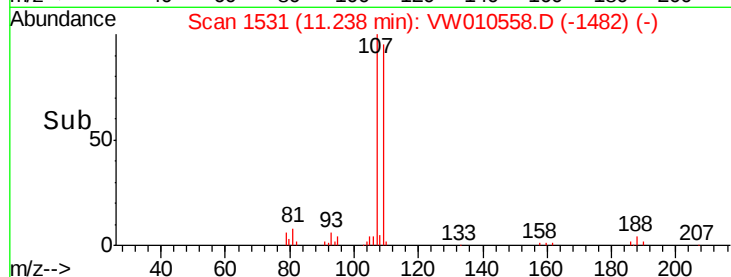
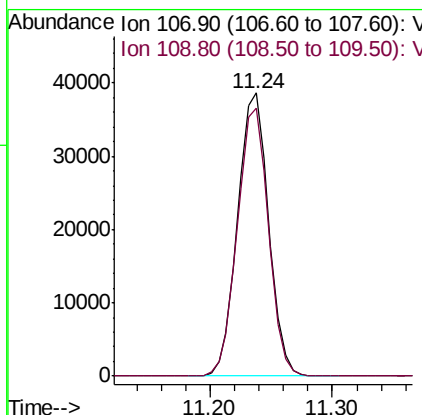
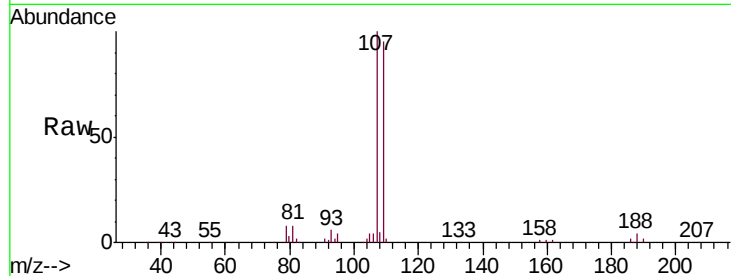




#61
 1,2-Dibromoethane
 Concen: 59.512 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

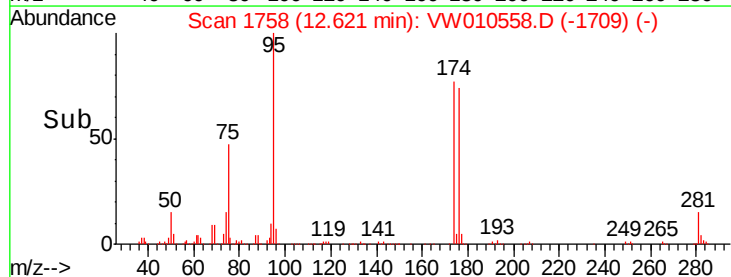
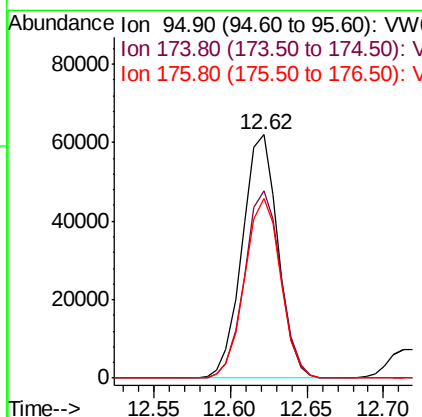
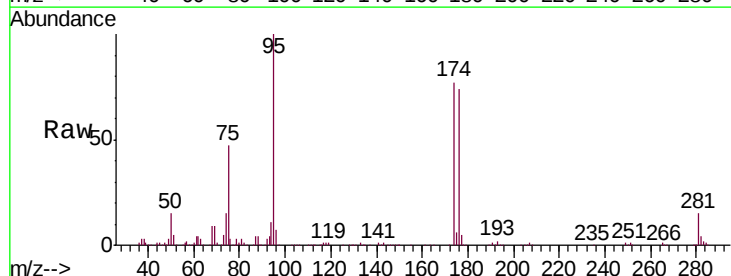
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 67810
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.176 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 95 Resp: 100768
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 148.6
 176 74.6 0.0 144.2

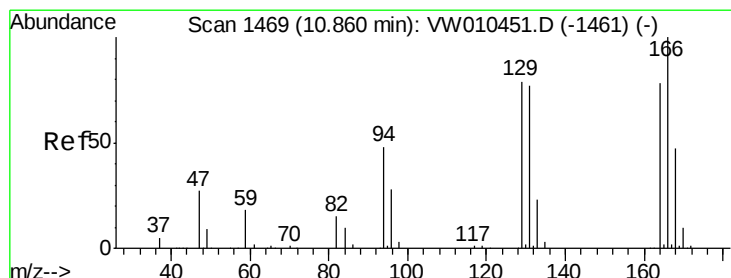
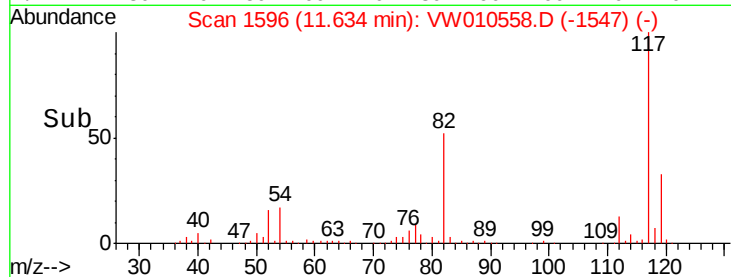
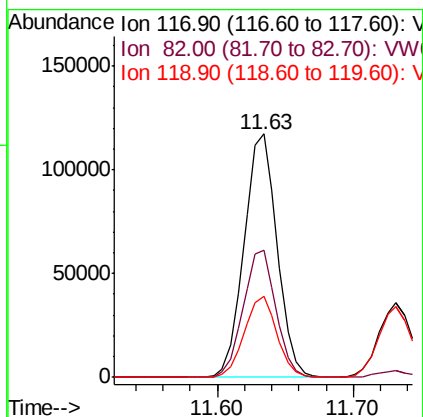
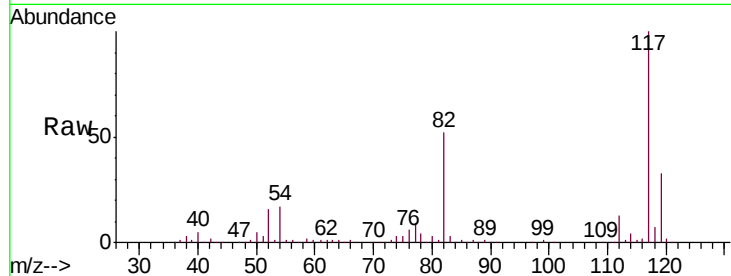




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

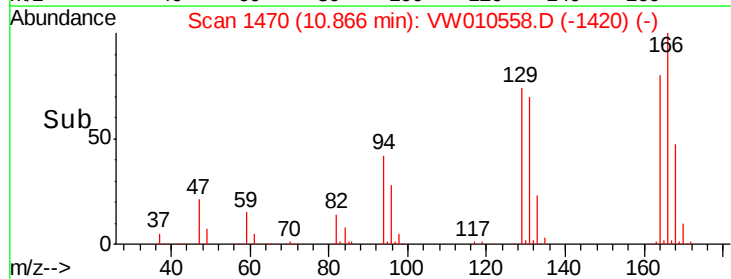
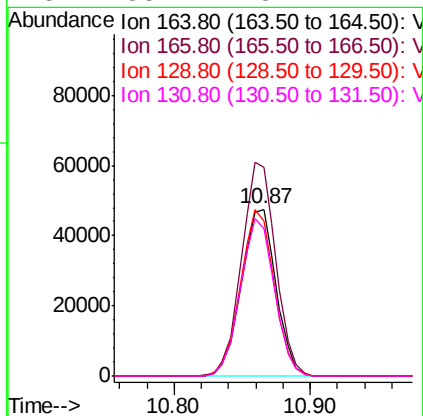
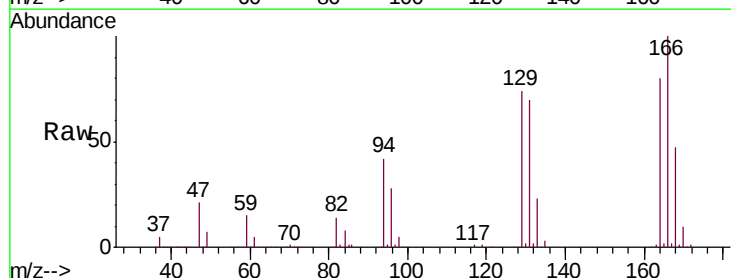
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

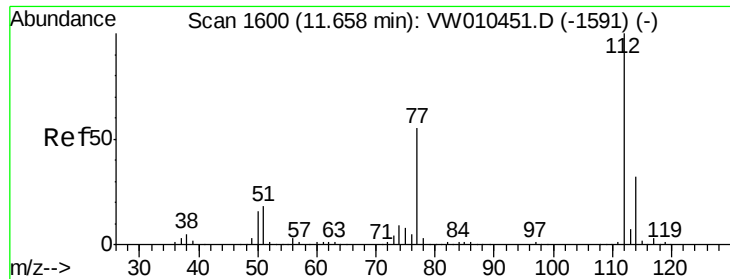
Tgt Ion:117 Resp: 198890
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 60.552 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion:164 Resp: 83953
Ion Ratio Lower Upper
164 100
166 125.5 101.9 152.9
129 93.4 80.6 121.0
131 88.1 78.2 117.2

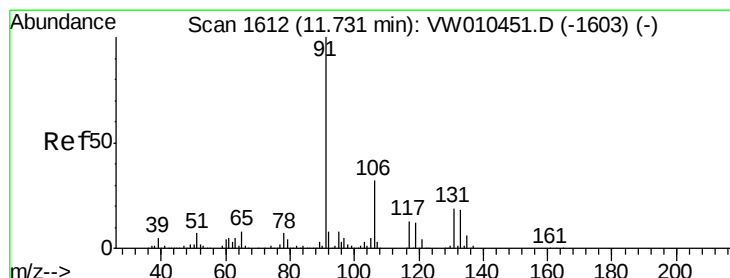
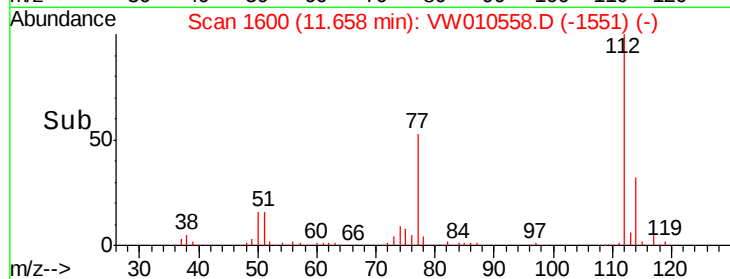
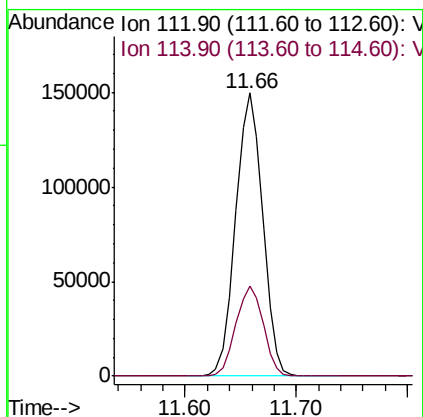
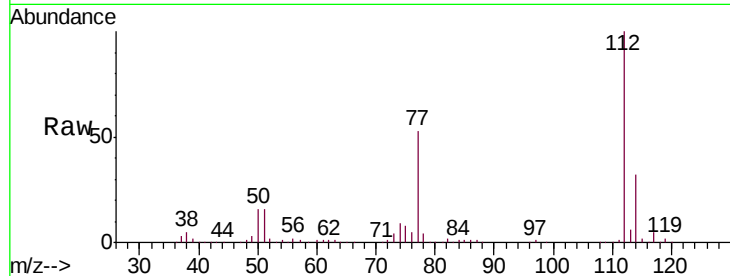




#65
Chlorobenzene
Concen: 59.272 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

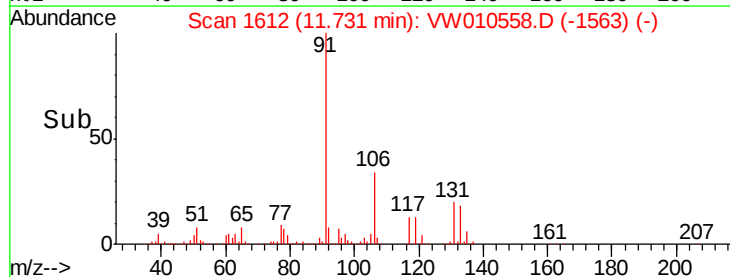
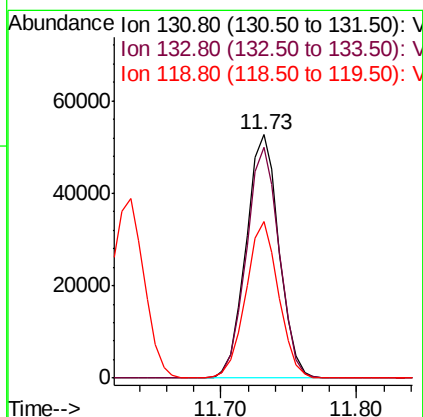
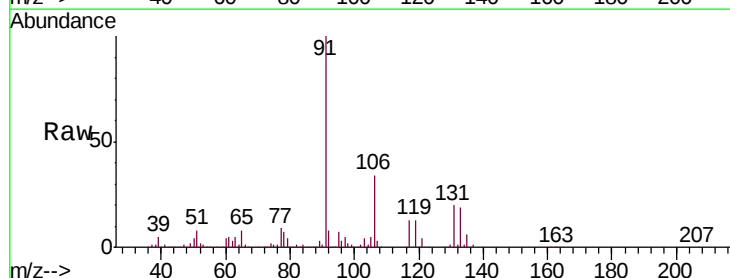
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

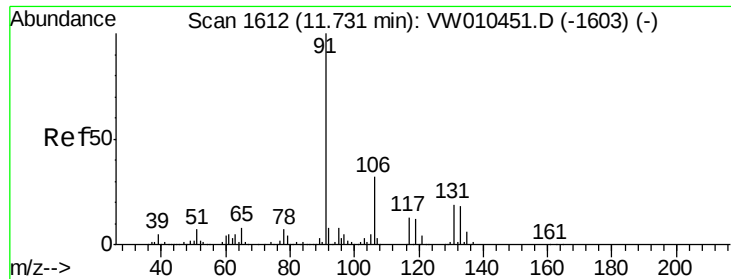
Tgt Ion:112 Resp: 251244
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 58.840 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion:131 Resp: 89345
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 64.0 32.1 96.5

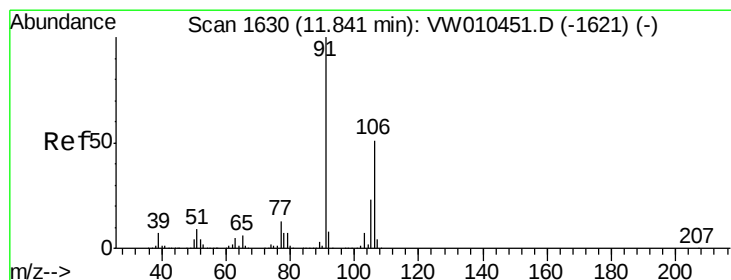
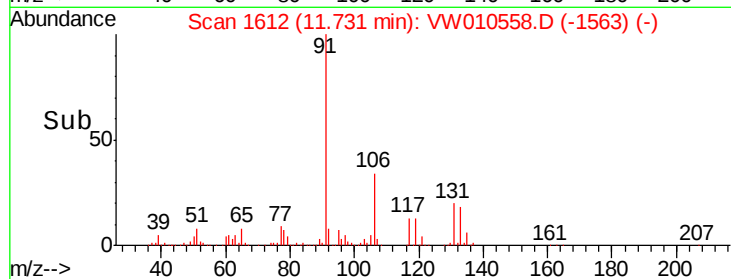
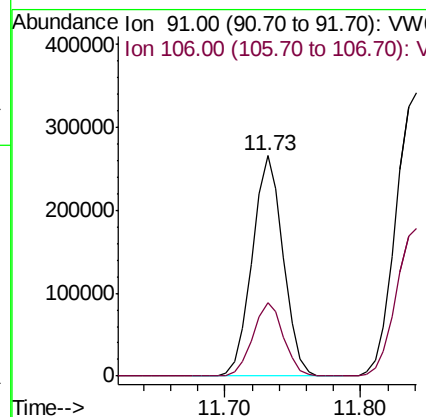
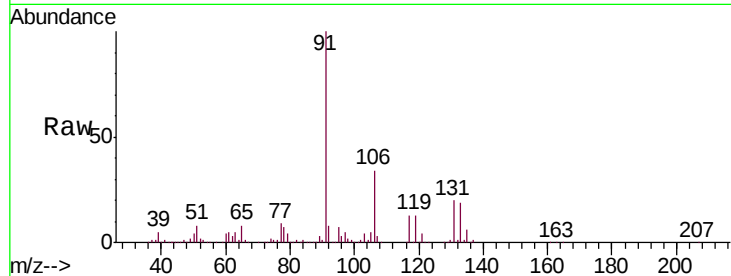




#67
Ethyl Benzene
Concen: 56.707 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

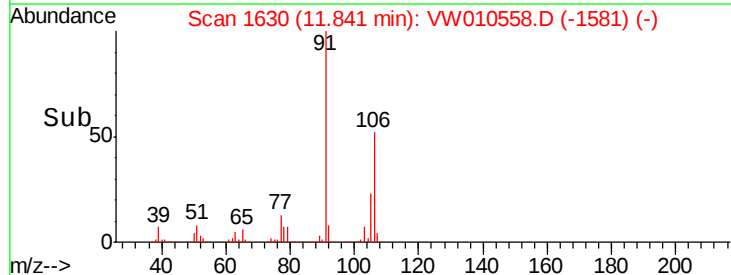
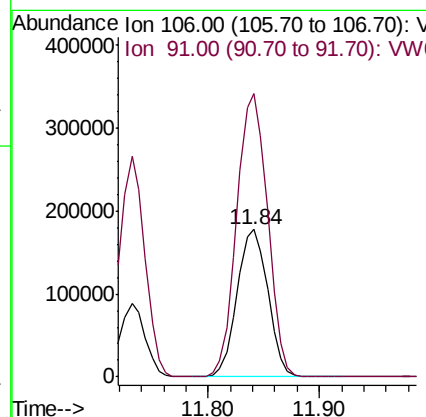
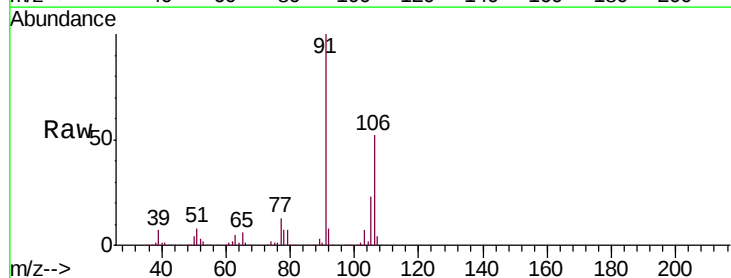
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

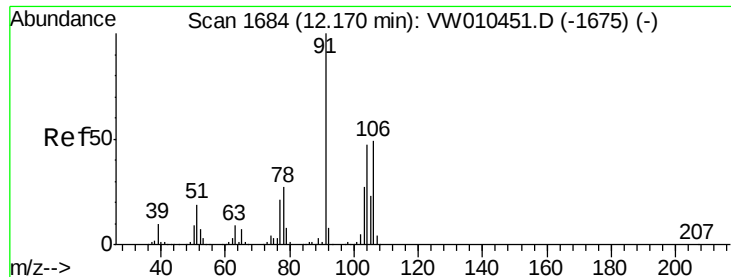
Tgt Ion: 91 Resp: 424381
Ion Ratio Lower Upper
91 100
106 33.6 25.9 38.9



#68
m/p-Xylenes
Concen: 115.300 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 106 Resp: 338448
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

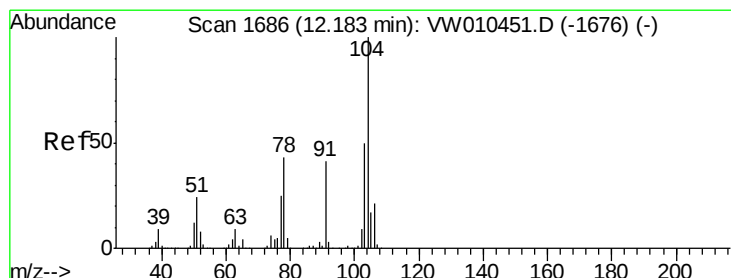
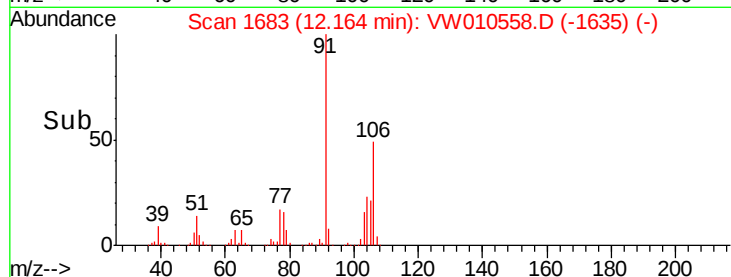
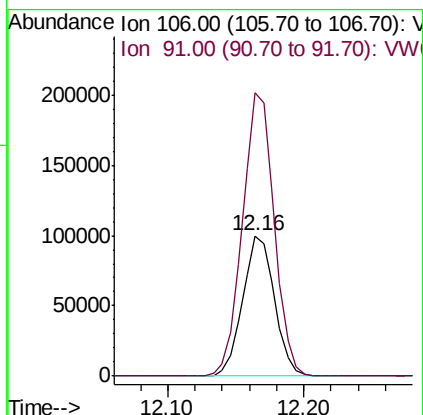
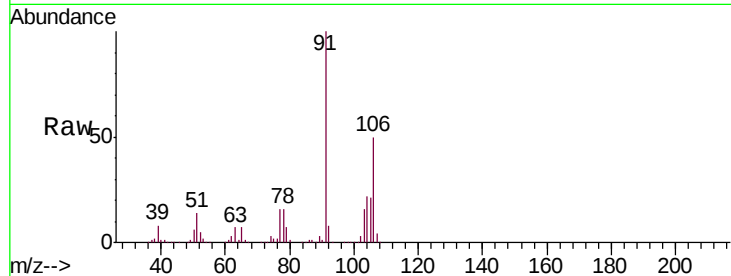




#69
o-Xylene
Concen: 58.327 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

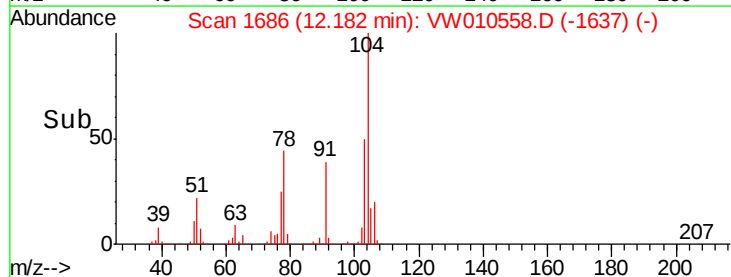
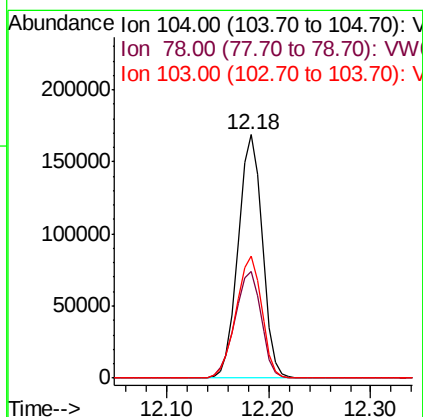
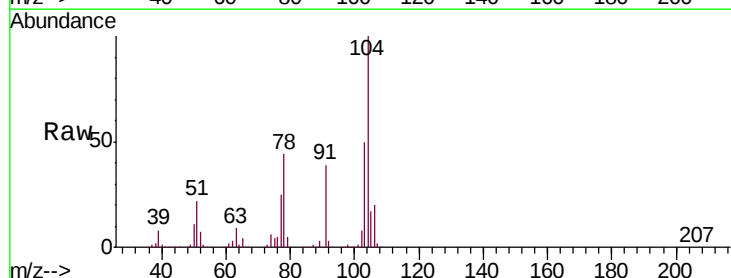
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

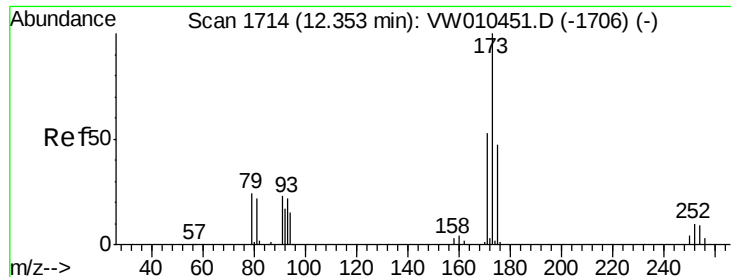
Tgt Ion:106 Resp: 162213
Ion Ratio Lower Upper
106 100
91 202.5 103.2 309.4



#70
Styrene
Concen: 58.366 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion:104 Resp: 275417
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.5 43.0 64.6





#71

Bromoform

Concen: 57.917 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

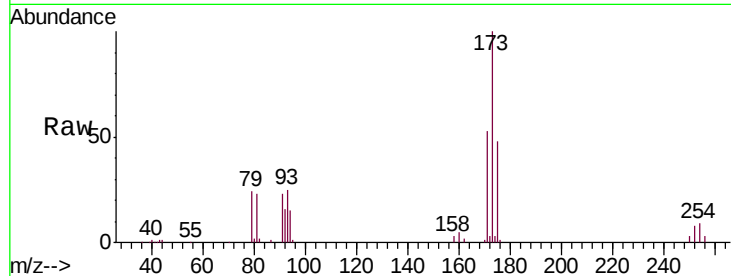
Tgt Ion:173 Resp: 48429

Ion Ratio Lower Upper

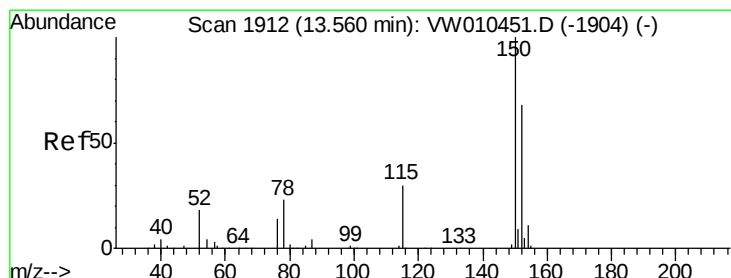
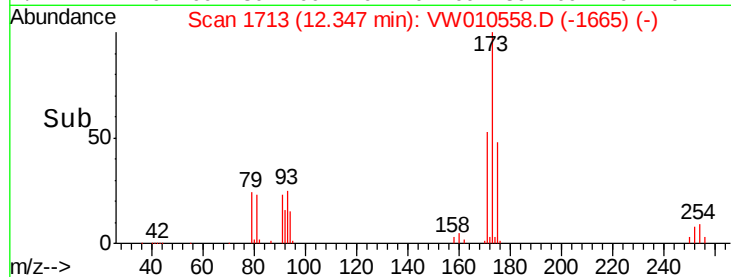
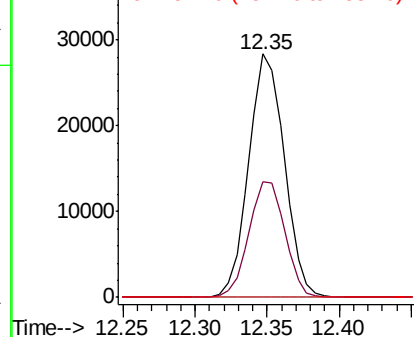
173 100

175 48.2 24.4 73.4

254 0.0 0.0 0.0



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: VW010558.D

Acq: 24 May 2019 19:37

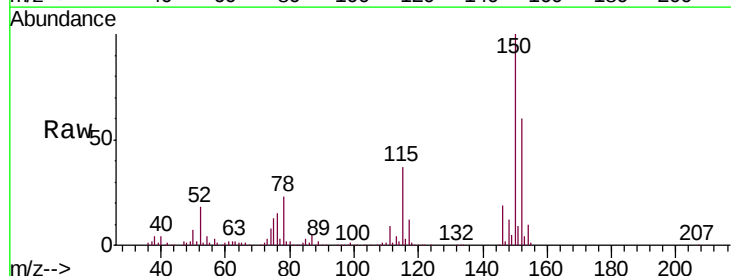
Tgt Ion:152 Resp: 98382

Ion Ratio Lower Upper

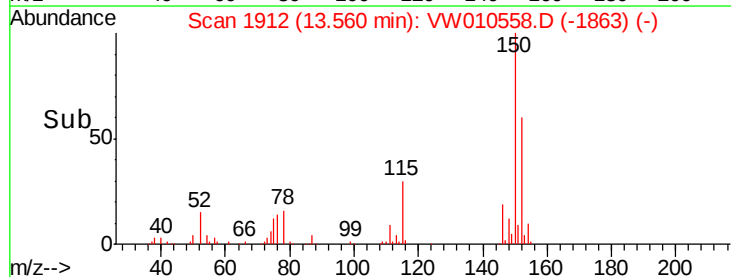
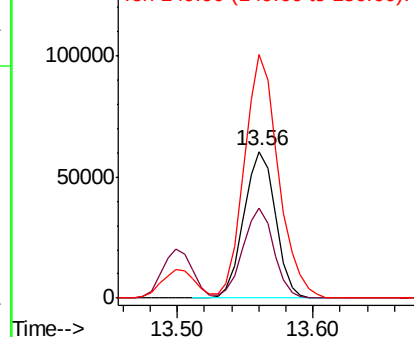
152 100

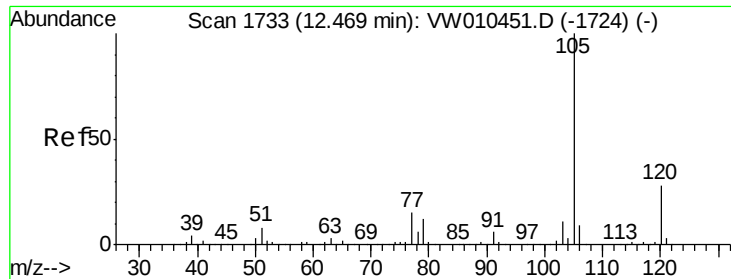
115 59.5 30.3 91.0

150 179.3 0.0 349.8



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





#73

Isopropylbenzene

Concen: 55.620 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

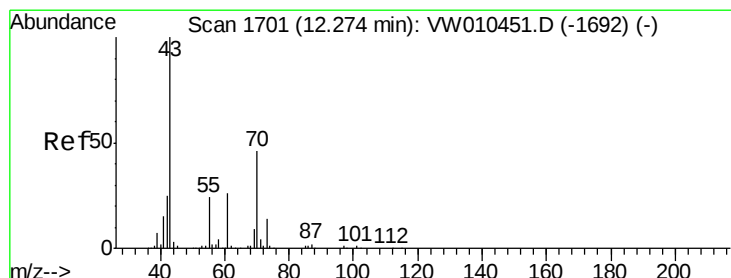
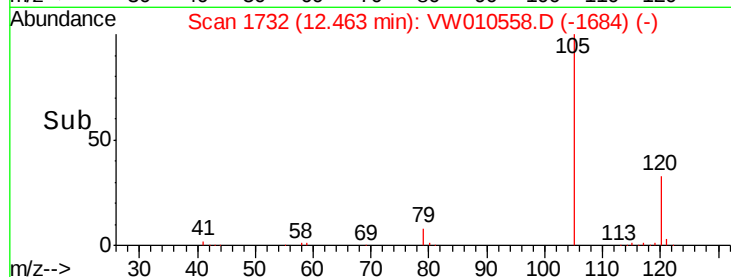
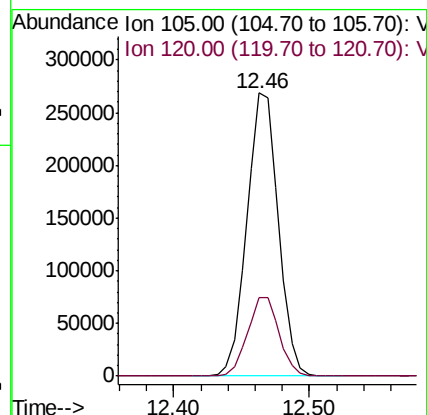
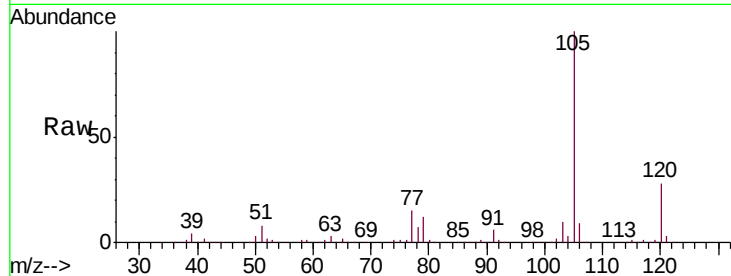
VSTDCCC050EC

Tgt Ion: 105 Resp: 434223

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



#74

N-ethyl acetate

Concen: 51.861 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Tgt Ion: 43 Resp: 92780

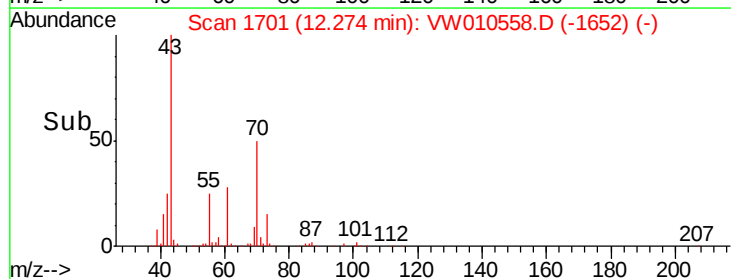
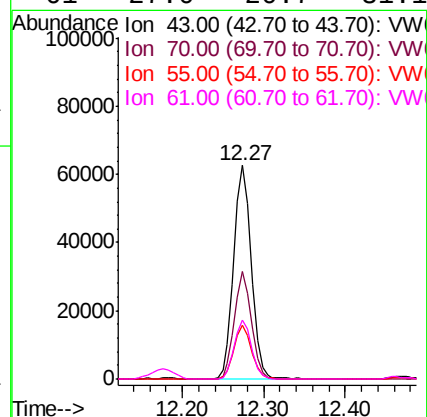
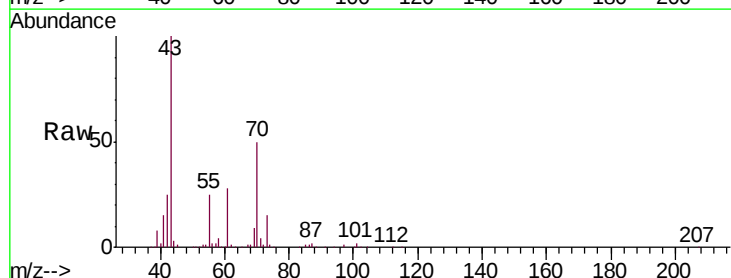
Ion Ratio Lower Upper

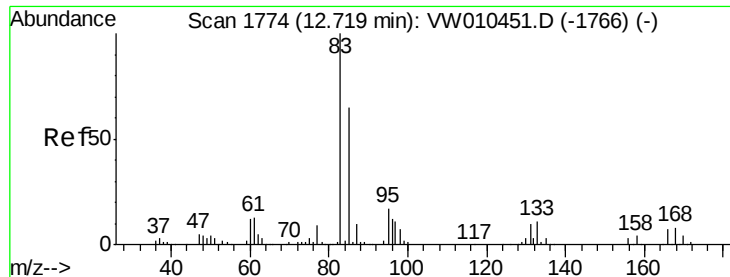
43 100

70 48.5 37.1 55.7

55 25.3 19.6 29.4

61 27.0 20.7 31.1

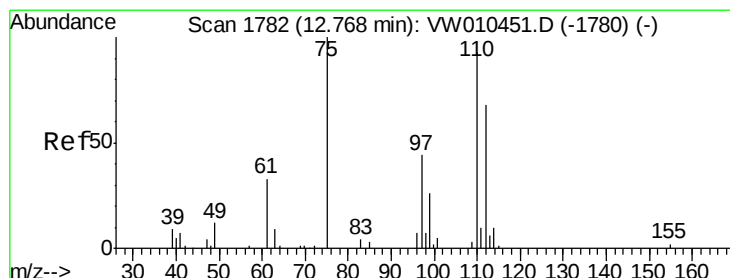
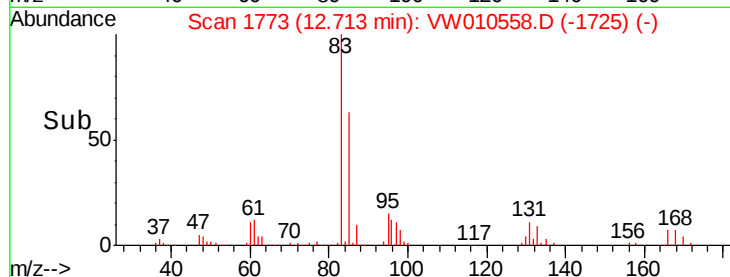
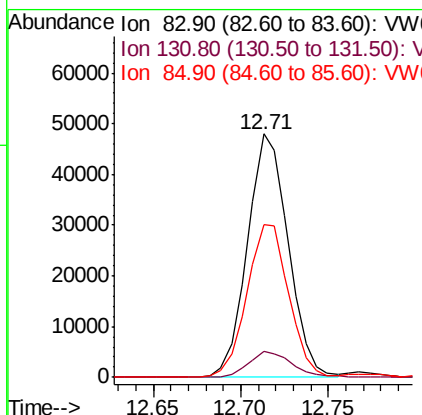
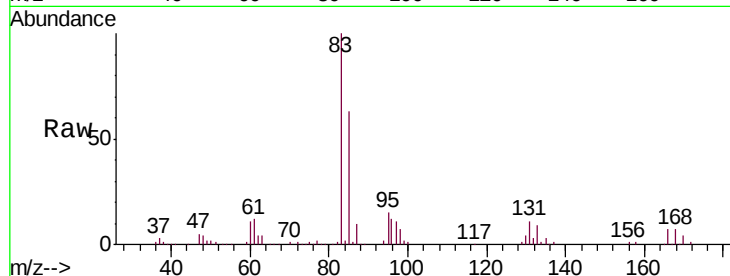




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.756 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

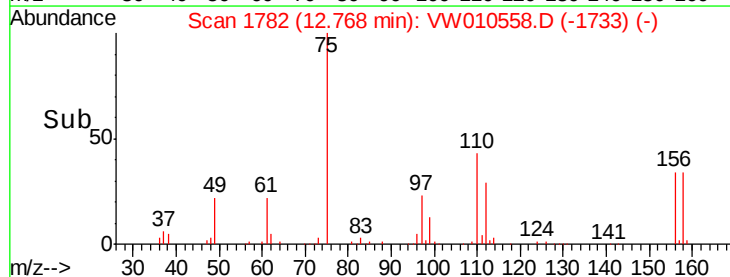
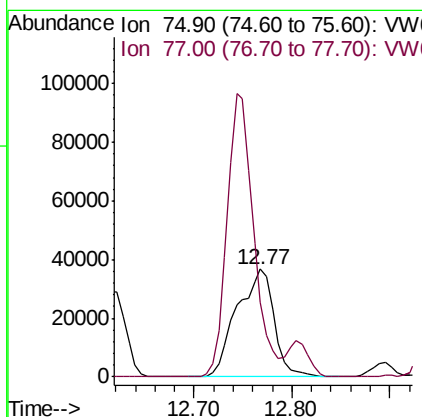
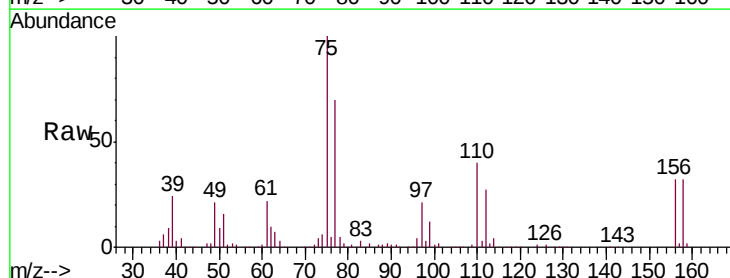
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 77752
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.6 16.8
 85 64.4 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 96.882 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 75 Resp: 96750
 Ion Ratio Lower Upper
 75 100
 77 0.0 170.0 510.1#

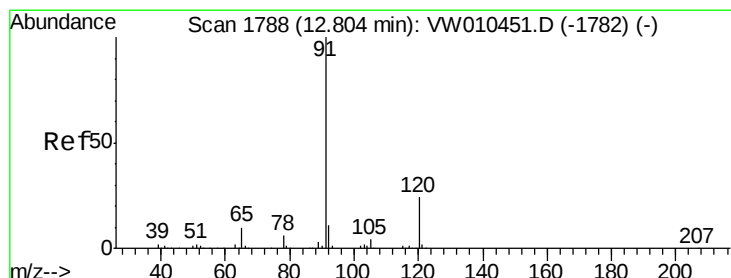
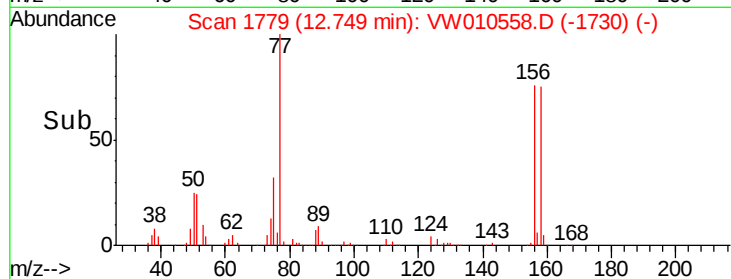
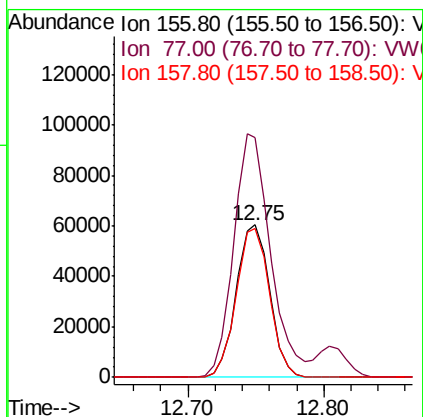
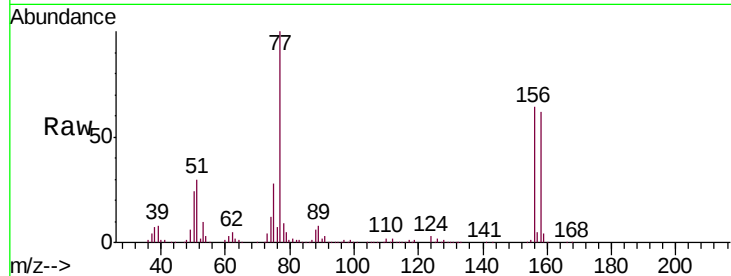




#77
Bromobenzene
Concen: 59.426 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

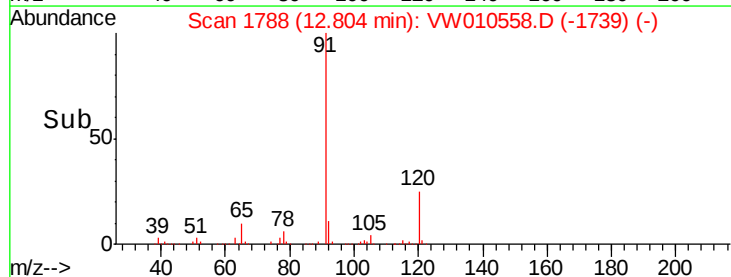
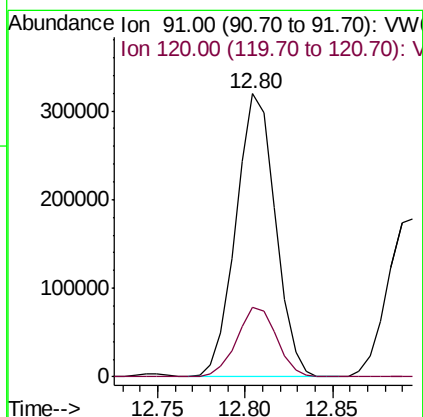
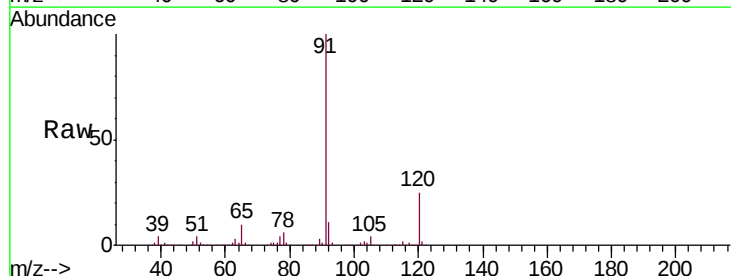
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

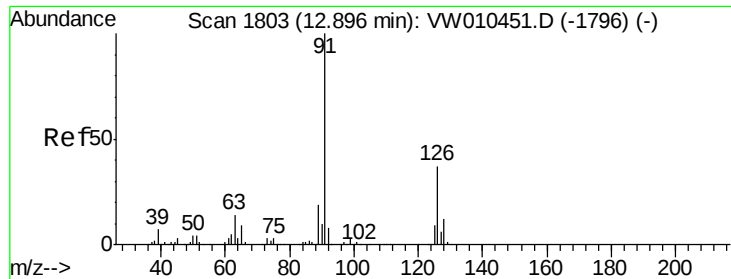
Tgt Ion:156 Resp: 103821
Ion Ratio Lower Upper
156 100
77 175.3 92.4 277.2
158 97.2 48.3 144.8



#78
n-propylbenzene
Concen: 55.110 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 91 Resp: 501388
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 55.487 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

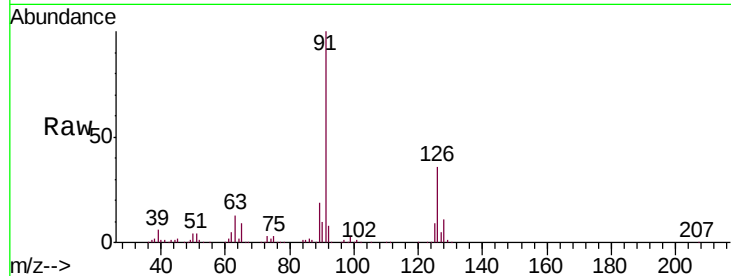
VSTDCCC050EC

Tgt Ion: 91 Resp: 292755

Ion Ratio Lower Upper

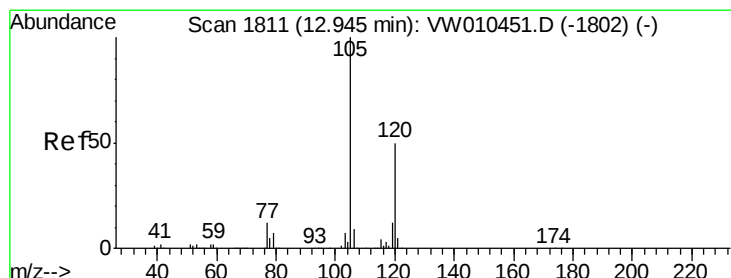
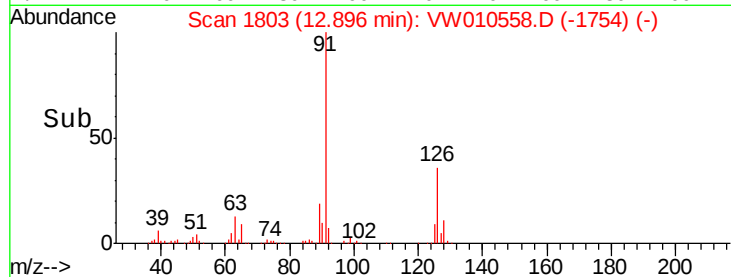
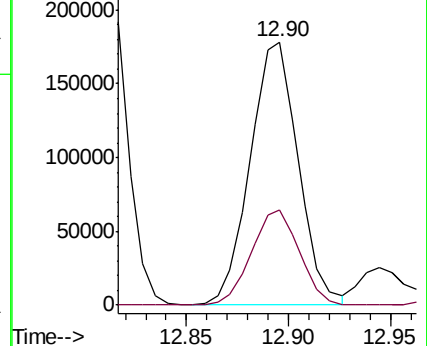
91 100

126 36.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.976 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010558.D

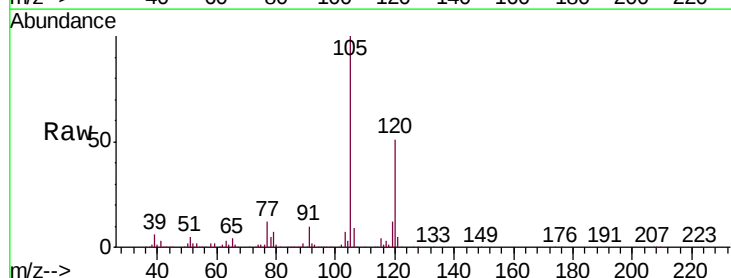
Acq: 24 May 2019 19:37

Tgt Ion: 105 Resp: 370117

Ion Ratio Lower Upper

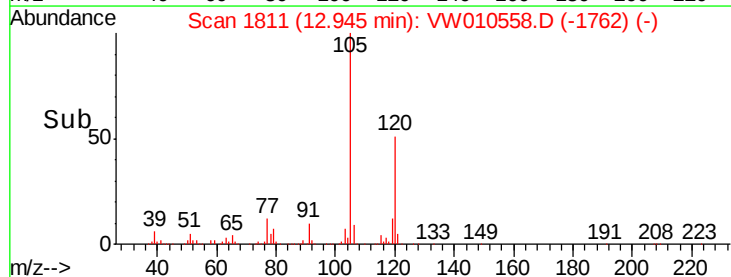
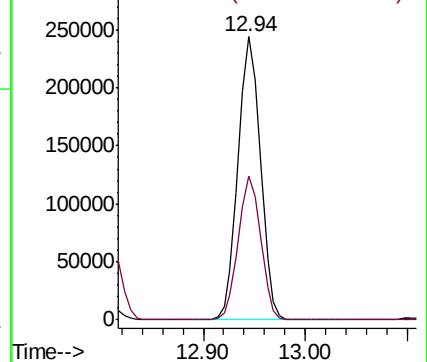
105 100

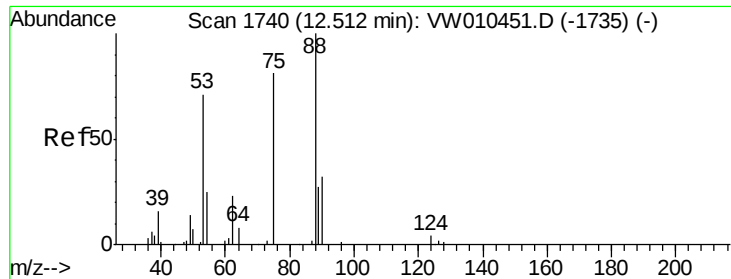
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

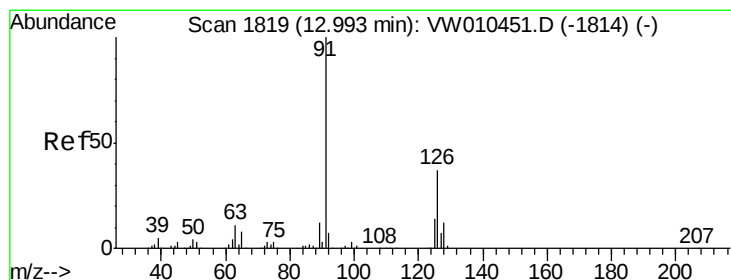
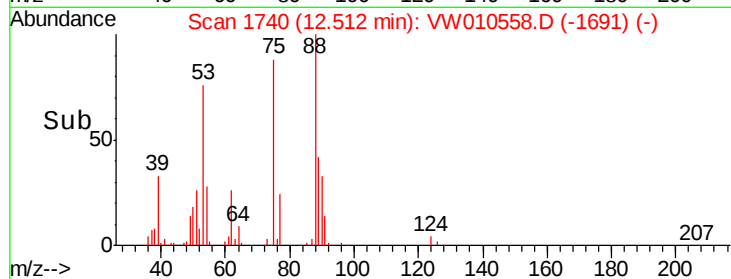
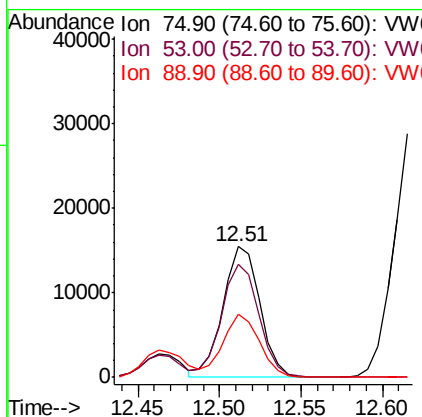
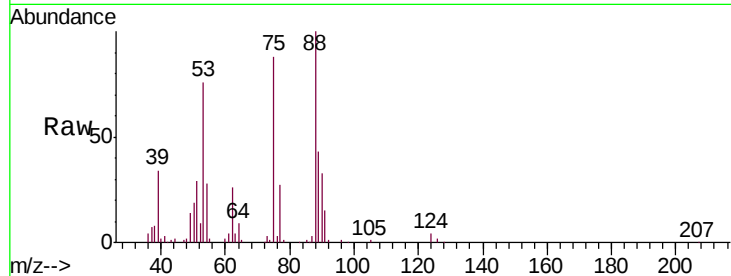




#81
trans-1,4-Dichloro-2-butene
Concen: 51.162 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

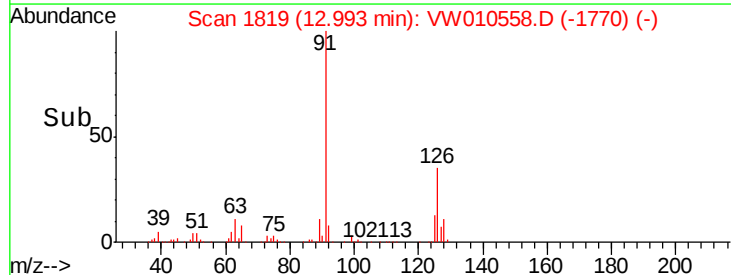
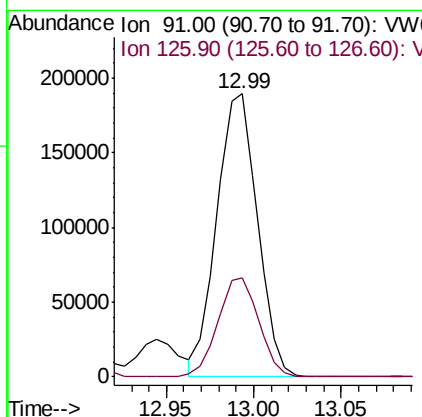
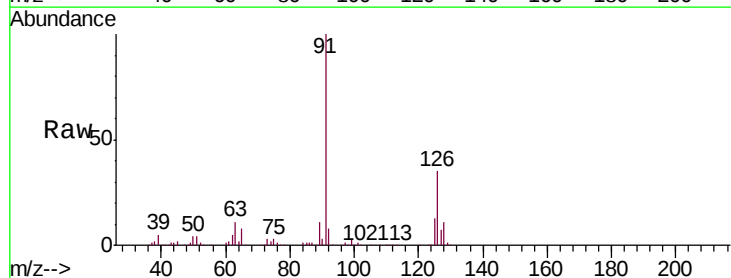
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

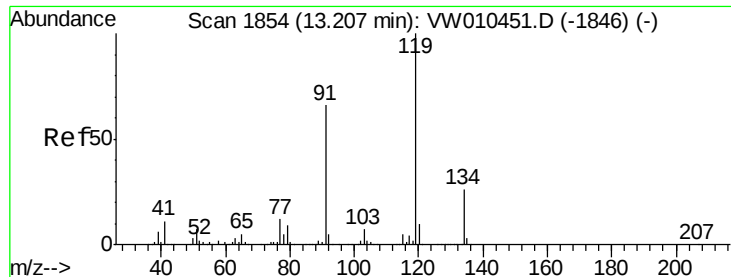
Tgt Ion: 75 Resp: 24481
Ion Ratio Lower Upper
75 100
53 88.3 69.8 104.8
89 47.2 39.5 59.3



#82
4-Chlorotoluene
Concen: 55.835 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion: 91 Resp: 305775
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.6

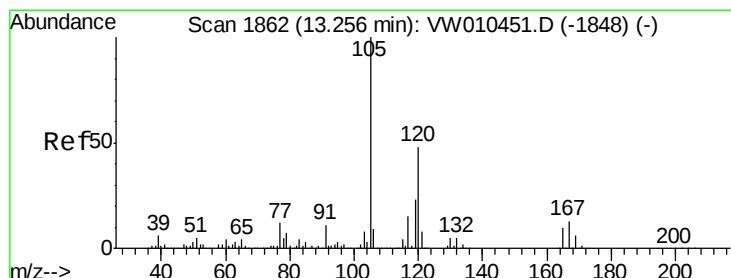
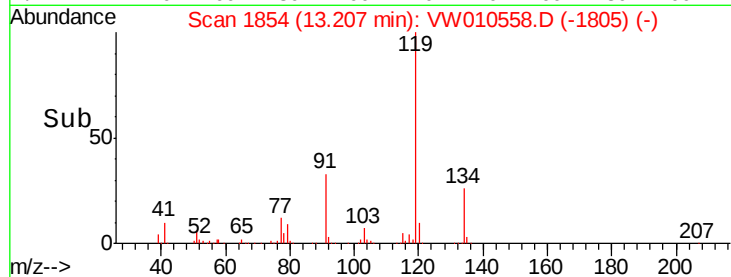
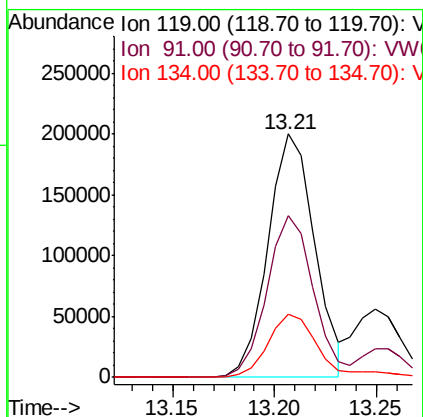
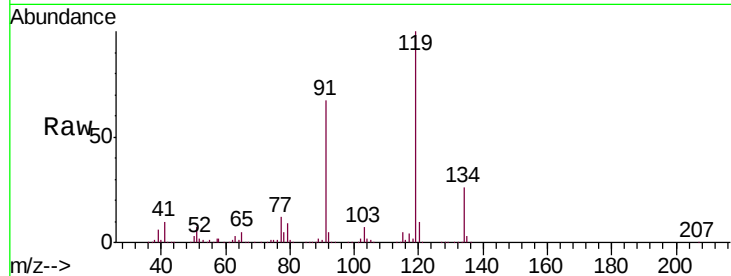




#83
 tert-Butylbenzene
 Concen: 55.336 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

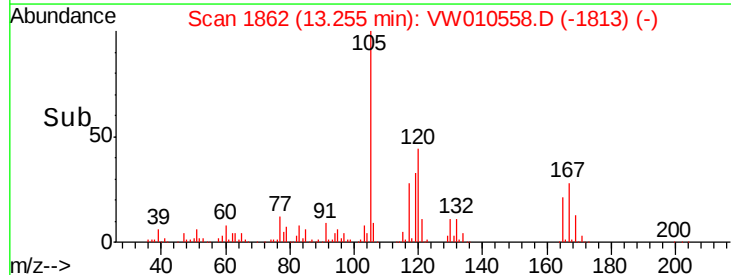
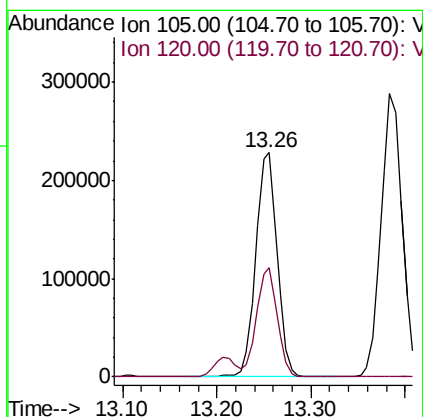
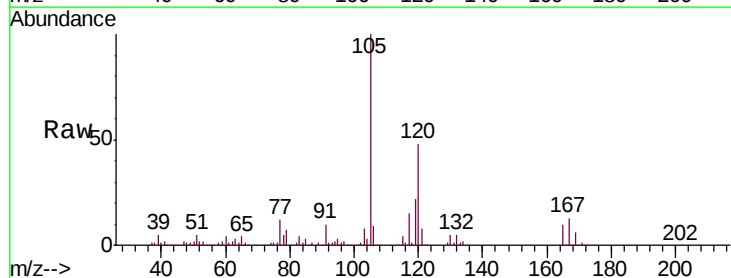
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

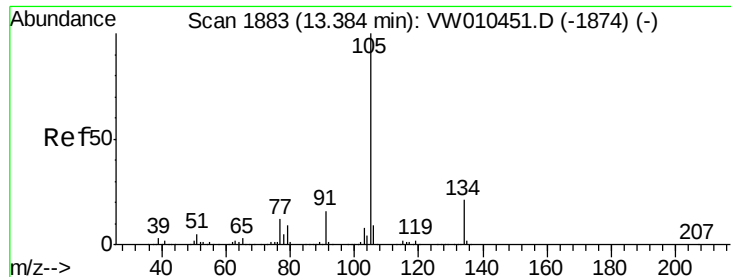
Tgt Ion:119 Resp: 319600
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.1 99.5
 134 28.1 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.669 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion:105 Resp: 366598
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2

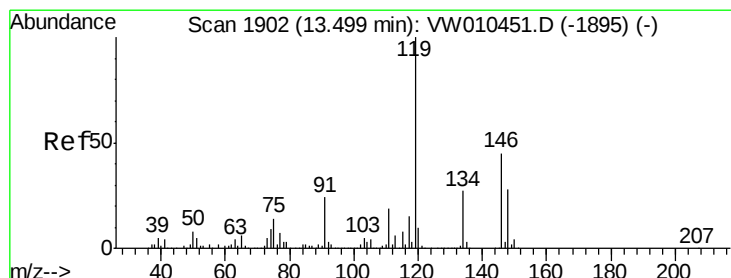
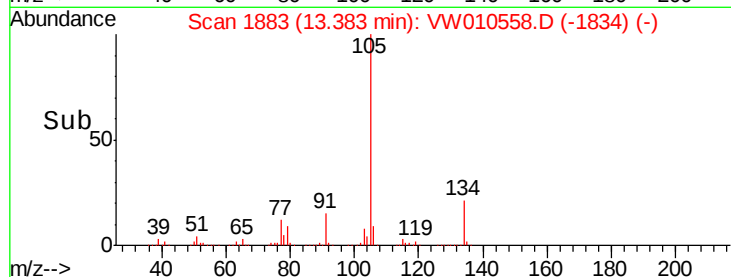
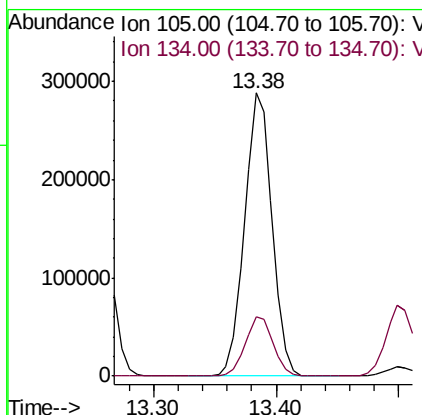
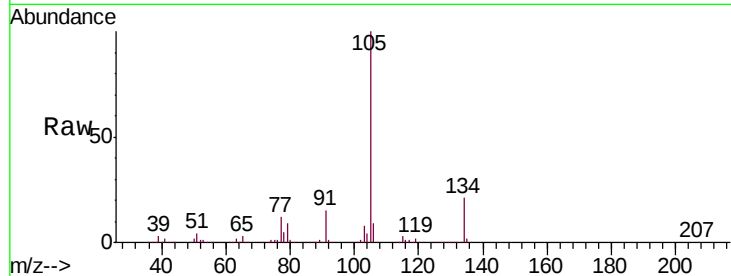




#85
 sec-Butylbenzene
 Concen: 55.379 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

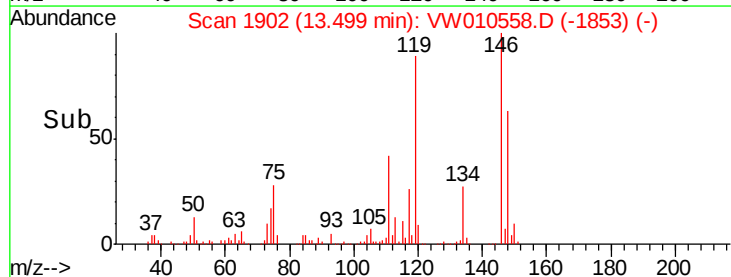
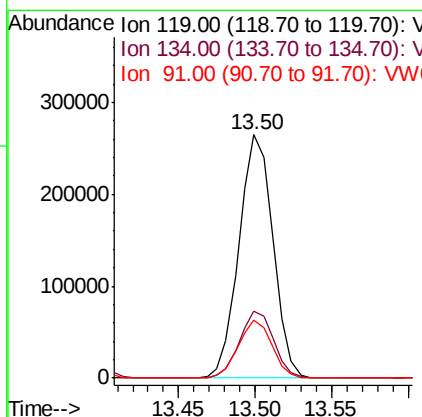
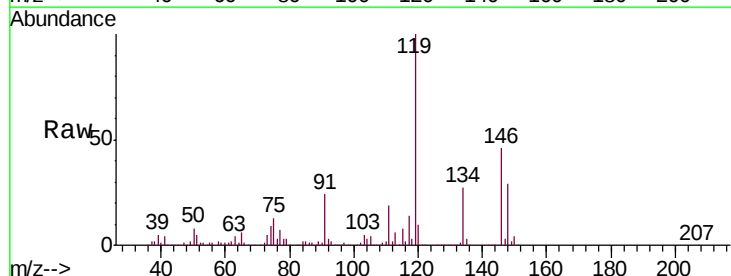
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

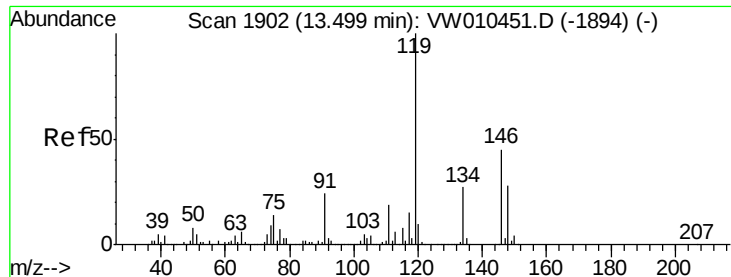
Tgt Ion:105 Resp: 447606
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 55.822 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion:119 Resp: 408388
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 23.8 11.9 35.7

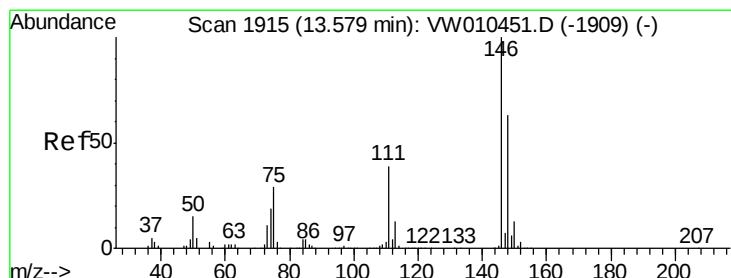
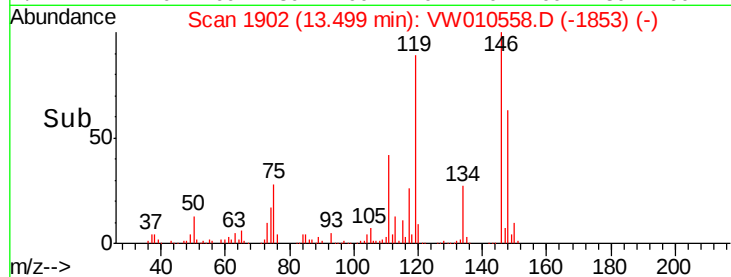
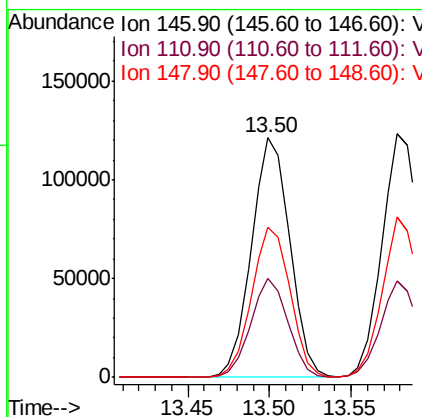
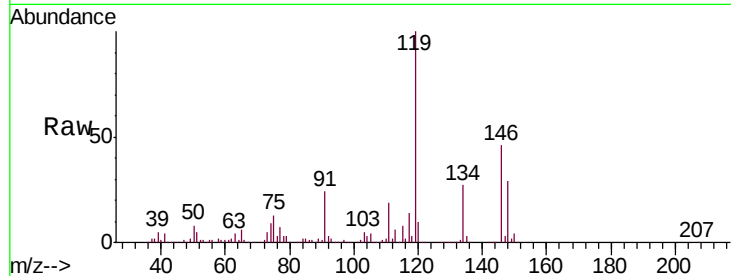




#87
 1,3-Dichlorobenzene
 Concen: 57.912 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

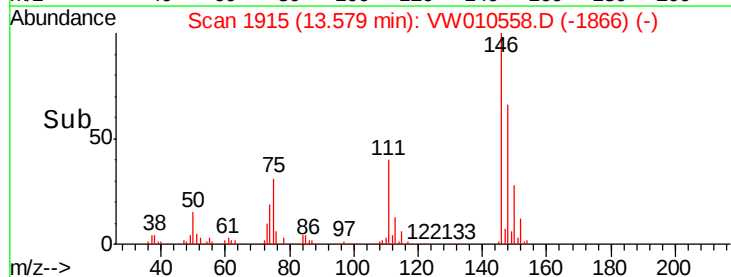
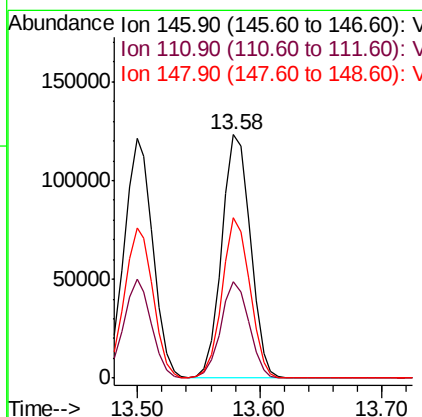
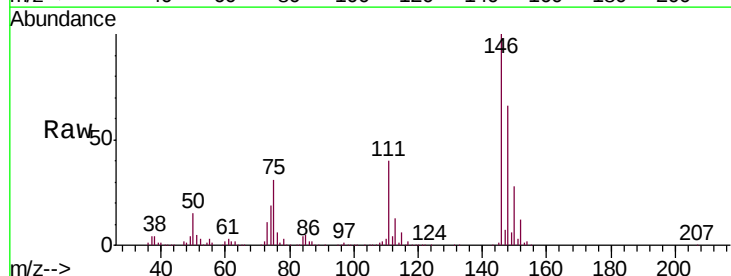
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

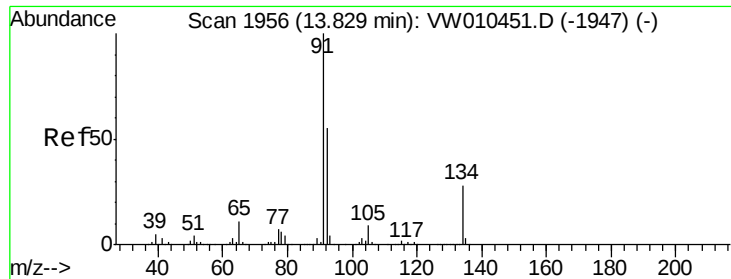
Tgt Ion:146 Resp: 198500
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 62.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 58.203 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion:146 Resp: 200160
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.6
 148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 55.058 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010558.D

Acq: 24 May 2019 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

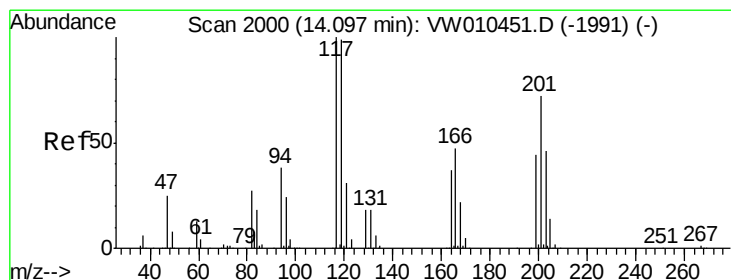
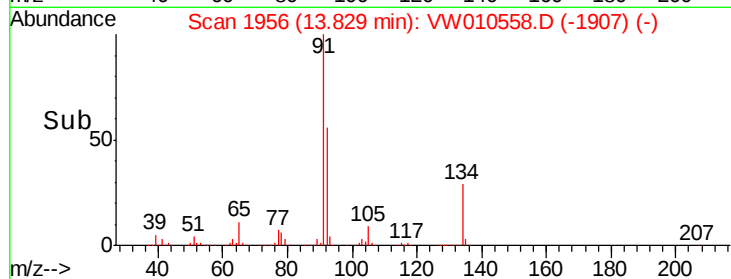
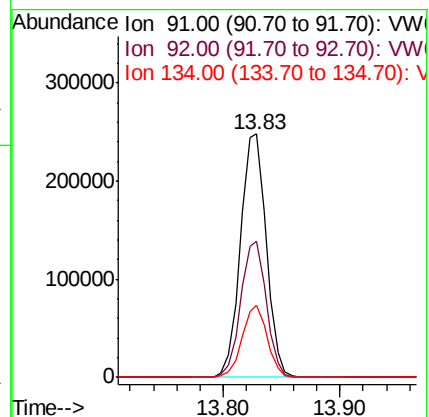
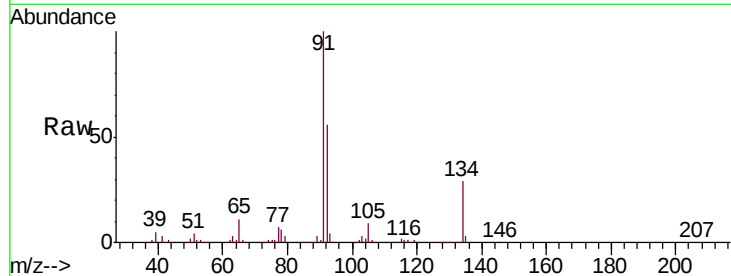
Tgt Ion: 91 Resp: 383128

Ion Ratio Lower Upper

91 100

92 55.4 27.7 83.1

134 28.5 13.9 41.6



#90

Hexachloroethane

Concen: 54.589 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010558.D

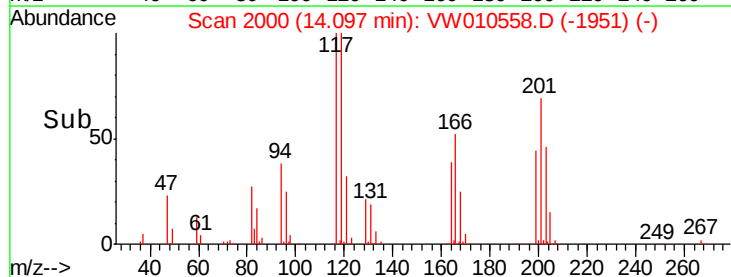
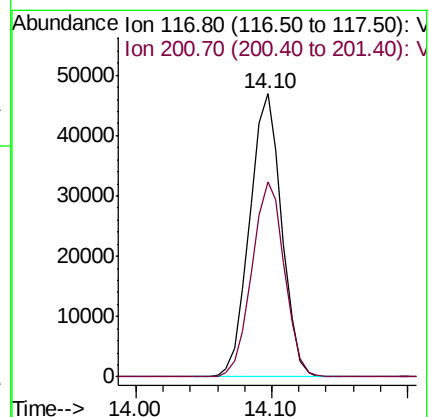
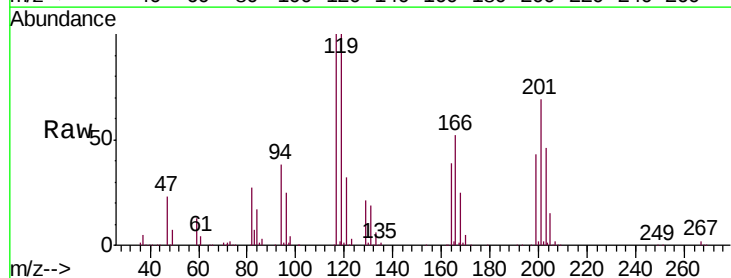
Acq: 24 May 2019 19:37

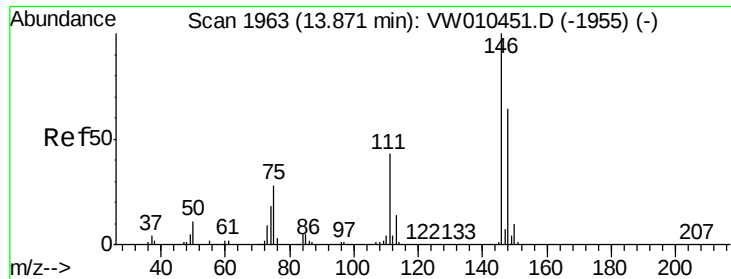
Tgt Ion: 117 Resp: 77301

Ion Ratio Lower Upper

117 100

201 70.5 34.6 103.8

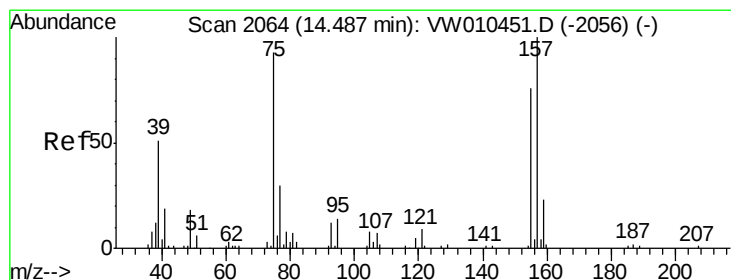
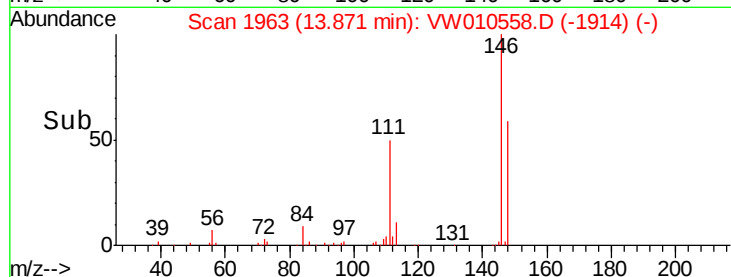
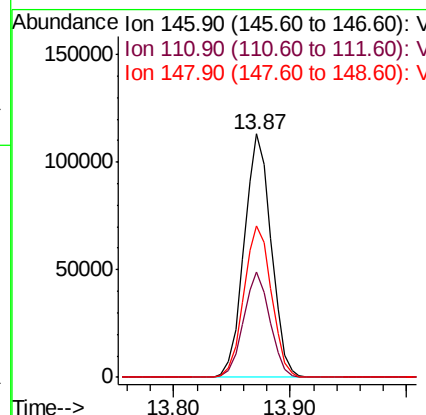
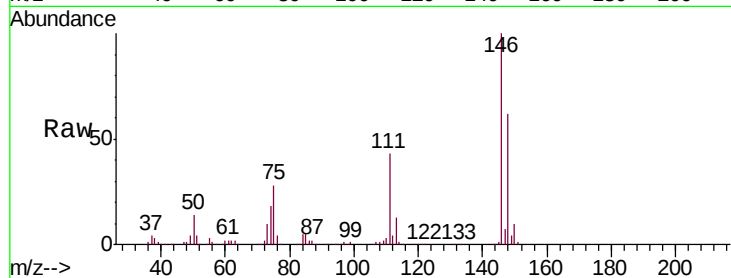




#91
 1,2-Dichlorobenzene
 Concen: 58.594 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

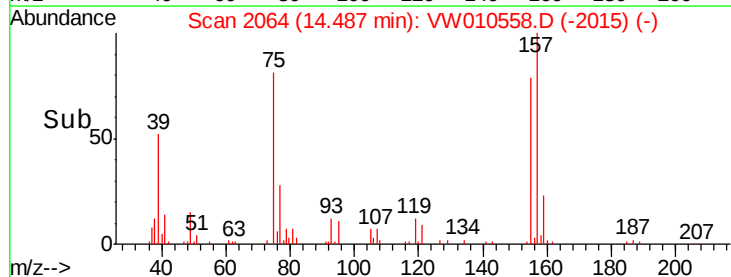
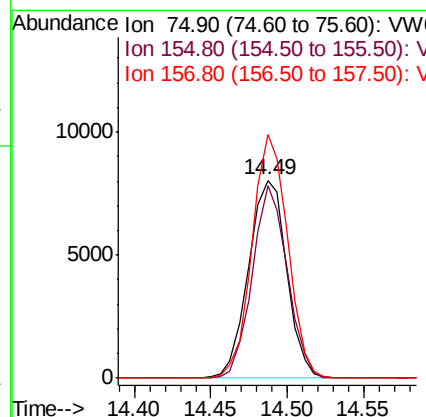
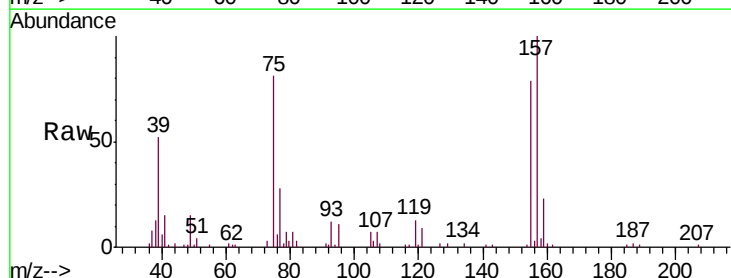
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

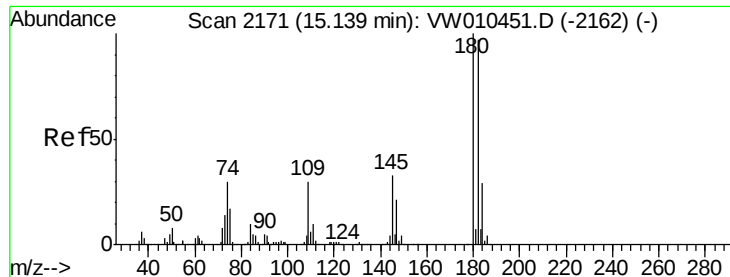
Tgt Ion: 146 Resp: 182993
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.637 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion: 75 Resp: 13898
 Ion Ratio Lower Upper
 75 100
 155 89.2 43.0 129.0
 157 115.3 55.7 167.1

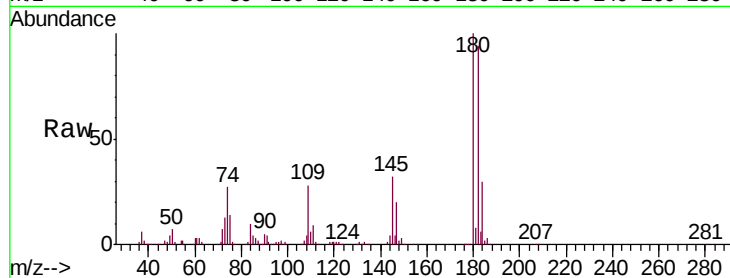




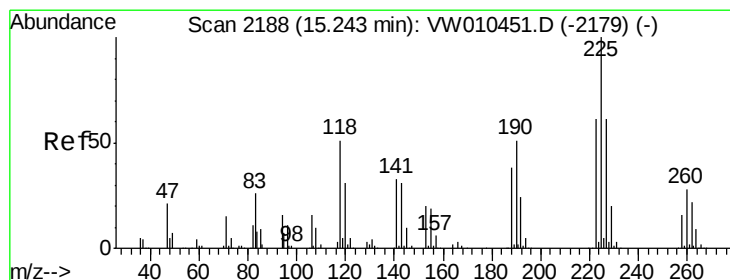
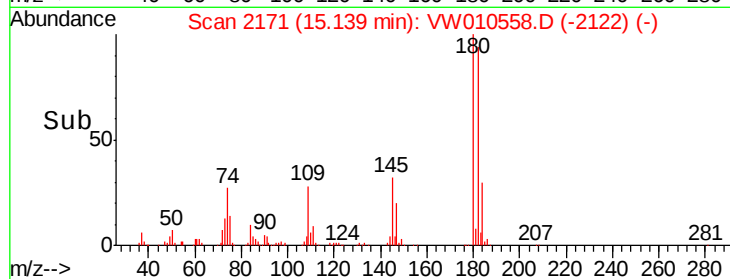
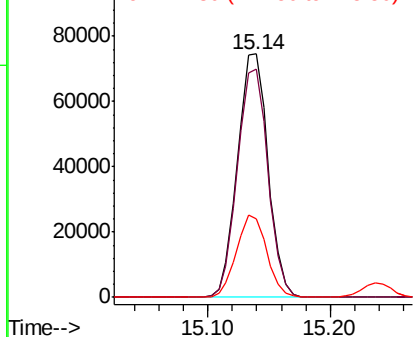
#93
 1,2,4-Trichlorobenzene
 Concen: 60.844 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 129288
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.0 141.2
 145 33.4 16.7 50.0

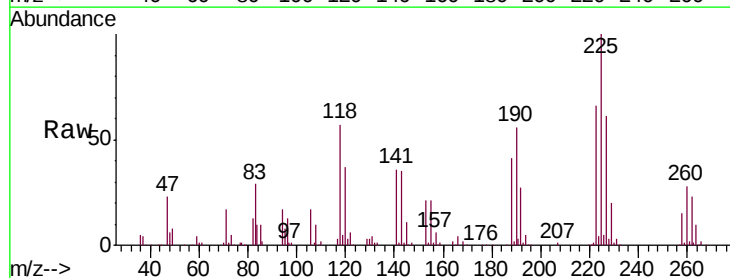


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

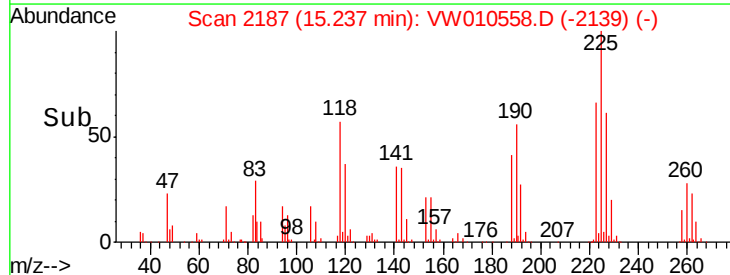
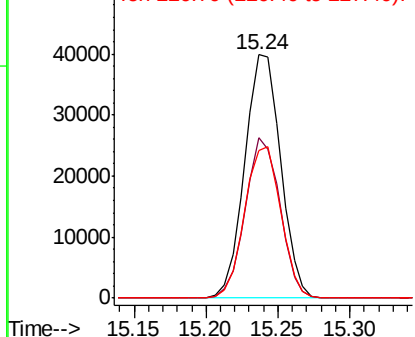


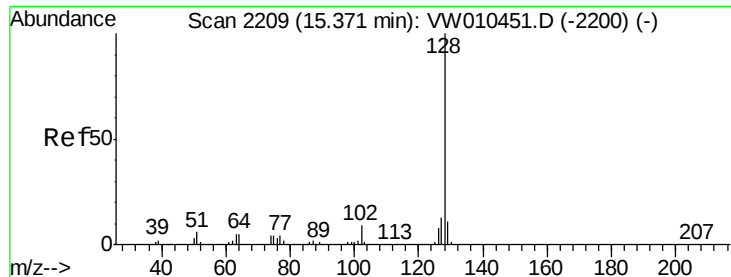
#94
 Hexachlorobutadiene
 Concen: 60.575 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010558.D
 Acq: 24 May 2019 19:37

Tgt Ion:225 Resp: 68764
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.2
 227 62.8 31.1 93.5



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

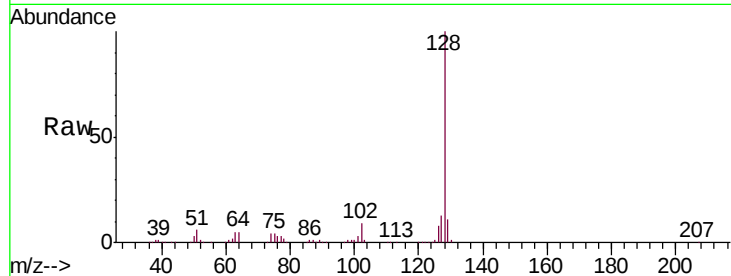




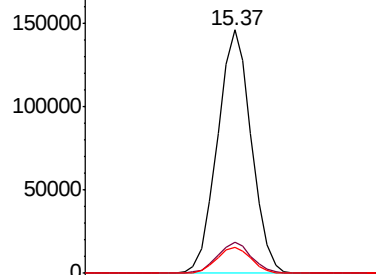
#95
Naphthalene
Concen: 57.188 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

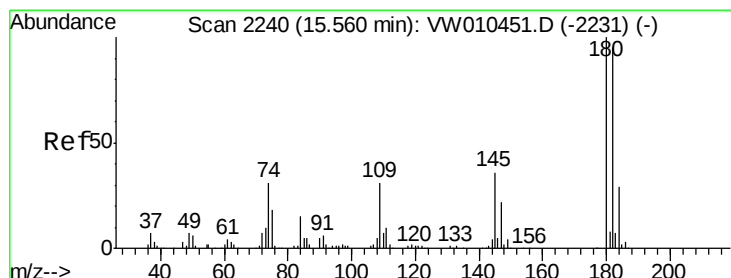
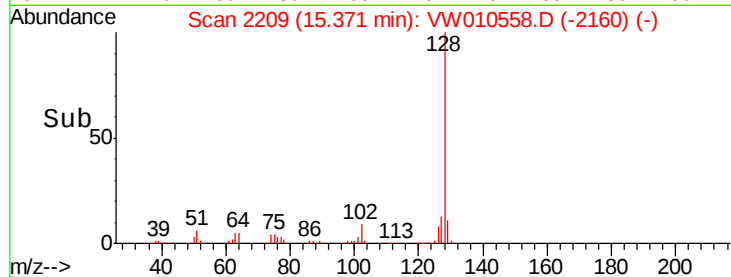
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

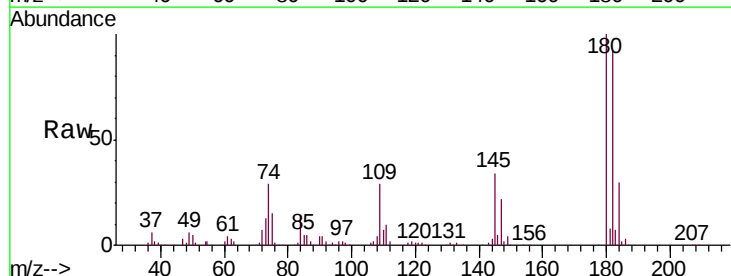


Time-->

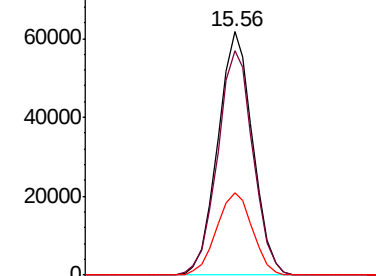


#96
1,2,3-Trichlorobenzene
Concen: 60.543 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010558.D
Acq: 24 May 2019 19:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.3
145	35.2	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

