

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012318.D
 Acq On : 29 Aug 2019 22:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 06:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136084	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	110671	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	443991	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	158688	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74933	55.323	ug/l	98
3) Chloromethane	2.21	50	116952	55.733	ug/l	99
4) Vinyl Chloride	2.36	62	142411	55.447	ug/l	100
5) Bromomethane	2.78	94	73700	56.659	ug/l	98
6) Chloroethane	2.92	64	82154	56.701	ug/l	99
7) Trichlorofluoromethane	3.26	101	73977	57.361	ug/l	99
8) Diethyl Ether	3.68	74	71549	58.448	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122324	55.800	ug/l	98
10) Methyl Iodide	4.27	142	173596	58.527	ug/l	99
11) Tert butyl alcohol	5.19	59	46347	294.516	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	125096	56.696	ug/l	93
13) Acrolein	3.89	56	34208	230.929	ug/l	99
14) Allyl chloride	4.67	41	276248	58.564	ug/l	99
15) Acrylonitrile	5.37	53	179960	296.590	ug/l	99
16) Acetone	4.13	43	152950	228.817	ug/l	98
17) Carbon Disulfide	4.39	76	369255	55.375	ug/l	99
18) Methyl Acetate	4.67	43	95016	57.391	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	217217	60.876	ug/l	98
20) Methylene Chloride	4.92	84	141078	55.829	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	134087	56.671	ug/l	98
22) Diisopropyl ether	6.31	45	518453	59.296	ug/l	99
23) Vinyl Acetate	6.25	43	1621728	301.387	ug/l	100
24) 1,1-Dichloroethane	6.21	63	273139	57.374	ug/l	99
25) 2-Butanone	7.17	43	246801	271.709	ug/l	100
26) 2,2-Dichloropropane	7.17	77	146916	54.522	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148076	58.576	ug/l	99
28) Bromochloromethane	7.51	49	106636	51.392	ug/l	99
29) Tetrahydrofuran	7.52	42	163285	299.628	ug/l	99
30) Chloroform	7.67	83	247368	56.794	ug/l	100
31) Cyclohexane	7.95	56	243218	51.638	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	194832	56.546	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204183	55.024	ug/l	100
37) Ethyl Acetate	7.25	43	116686	57.383	ug/l	99
38) Carbon Tetrachloride	8.07	117	173721	54.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225831	54.172	ug/l	99
40) Benzene	8.32	78	564770	55.738	ug/l	100
41) Methacrylonitrile	7.48	41	77763	65.067	ug/l	92
42) 1,2-Dichloroethane	8.40	62	179270	56.452	ug/l	100
43) Isopropyl Acetate	8.42	43	221338	58.763	ug/l	99
44) Trichloroethene	9.09	130	137231	55.713	ug/l	97
45) 1,2-Dichloropropane	9.37	63	153042	56.122	ug/l	97
46) Dibromomethane	9.46	93	68719	56.638	ug/l	98
47) Bromodichloromethane	9.64	83	183148	56.717	ug/l	99
48) Methyl methacrylate	9.43	41	105273	58.723	ug/l	97
49) 1,4-Dioxane	9.46	88	20382	1097.316	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	560439	292.535	ug/l	100
52) Toluene	10.38	92	344649	56.620	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187353	56.959	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	227071	57.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98362	57.298	ug/l	98
56) Ethyl methacrylate	10.65	69	150238	60.132	ug/l	98
57) 1,3-Dichloropropane	10.93	76	187079	57.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	347775	271.218	ug/l	100
59) 2-Hexanone	10.97	43	376388	277.663	ug/l	99
60) Dibromochloromethane	11.13	129	110566	57.825	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92033	57.546	ug/l	99
64) Tetrachloroethene	10.86	164	114446	57.437	ug/l	99
65) Chlorobenzene	11.66	112	340860	56.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120946	57.288	ug/l	98
67) Ethyl Benzene	11.73	91	667892	57.292	ug/l	99
68) m/p-Xylenes	11.84	106	482179	114.826	ug/l	99
69) o-Xylene	12.16	106	224301	57.713	ug/l	100
70) Styrene	12.18	104	393555	58.503	ug/l	100
71) Bromoform	12.35	173	62184	59.118	ug/l #	100
73) Isopropylbenzene	12.46	105	629995	57.425	ug/l	99
74) N-amyl acetate	12.27	43	201704	60.854	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	115433	57.393	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	154324	108.226	ug/l #	100
77) Bromobenzene	12.74	156	137808	58.063	ug/l	98
78) n-propylbenzene	12.80	91	763185	56.983	ug/l	99
79) 2-Chlorotoluene	12.89	91	435974	57.336	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	533547	58.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39224	60.311	ug/l	96
82) 4-Chlorotoluene	12.99	91	452128	56.787	ug/l	99
83) tert-Butylbenzene	13.21	119	452349	58.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	524731	56.982	ug/l	100
85) sec-Butylbenzene	13.38	105	633432	56.936	ug/l	100
86) p-Isopropyltoluene	13.50	119	576368	58.011	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	266278	57.359	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263900	57.252	ug/l	99
89) n-Butylbenzene	13.82	91	566108	57.297	ug/l	99
90) Hexachloroethane	14.09	117	100602	57.713	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	235729	57.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19307	56.941	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

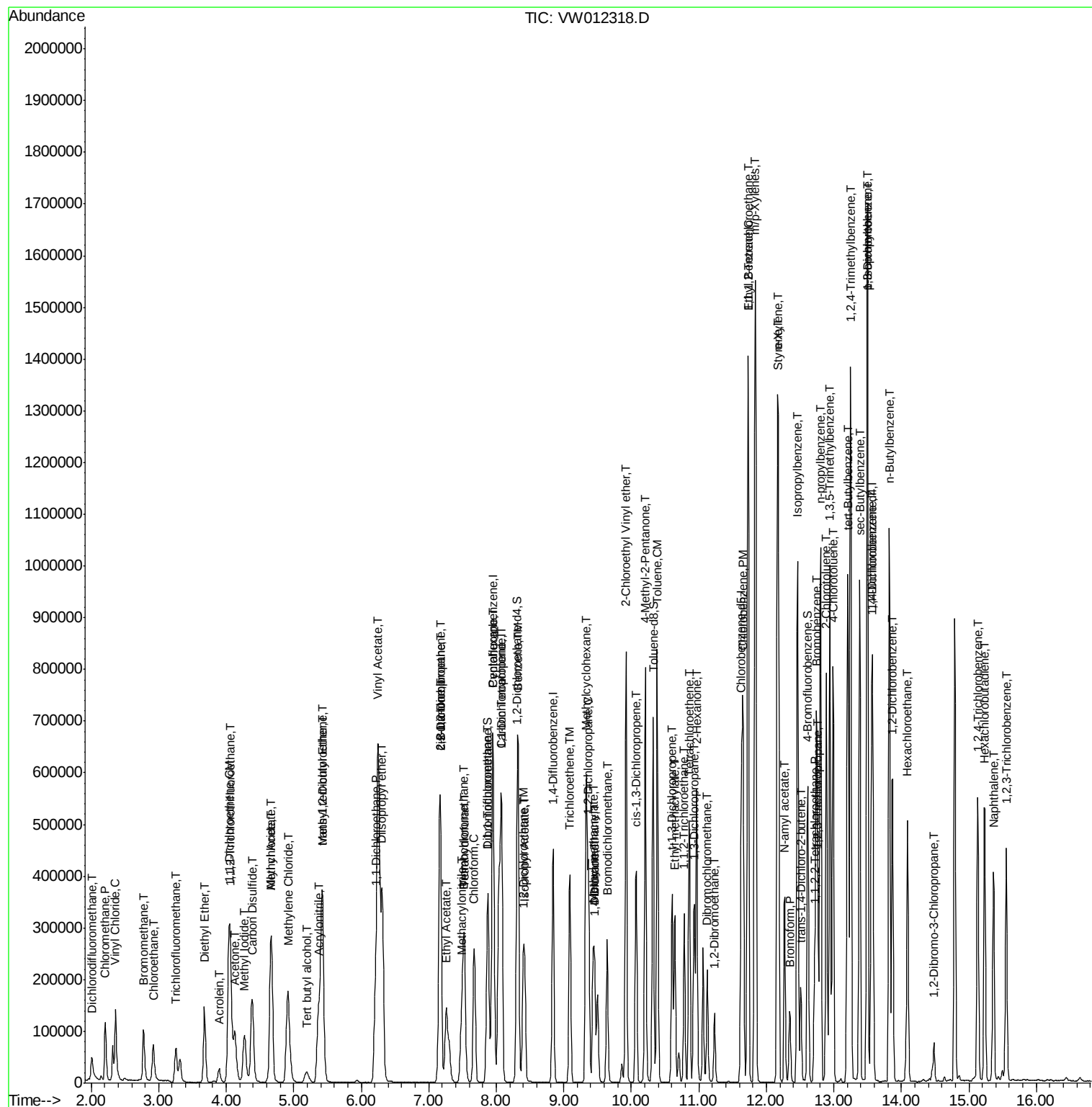
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	174059	61.847	ug/l	98
94) Hexachlorobutadiene	15.24	225	108611	58.446	ug/l	98
95) Naphthalene	15.36	128	328494	58.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	151685	61.775	ug/l	99

(#) = 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. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

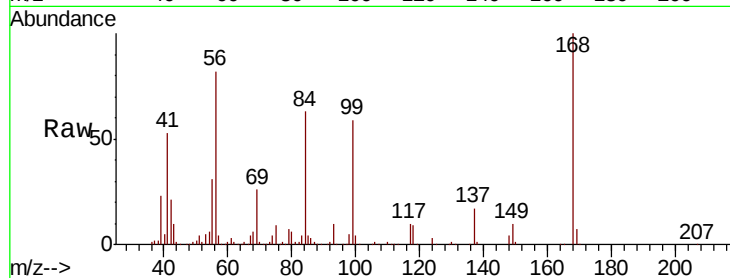
VSTDCCC050

Tgt Ion:168 Resp: 219974

Ion Ratio Lower Upper

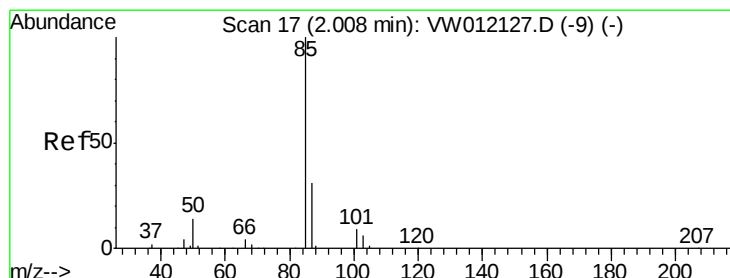
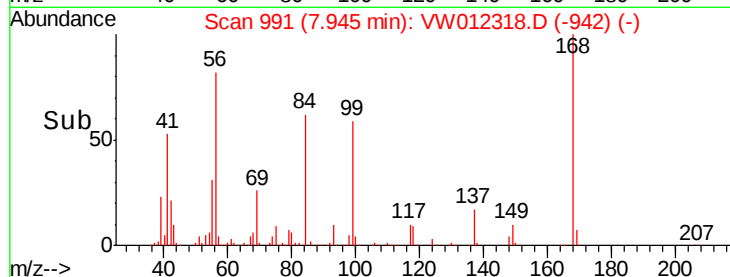
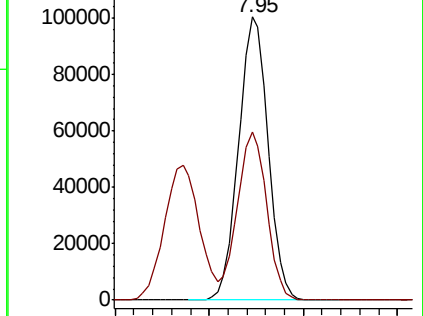
168 100

99 59.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 55.323 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012318.D

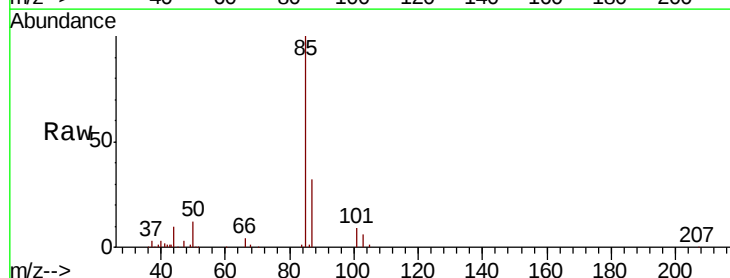
Acq: 29 Aug 2019 22:04

Tgt Ion: 85 Resp: 74933

Ion Ratio Lower Upper

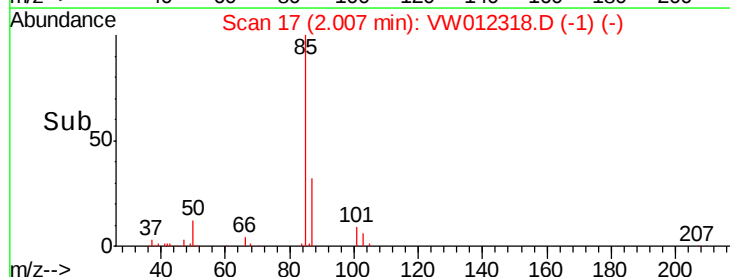
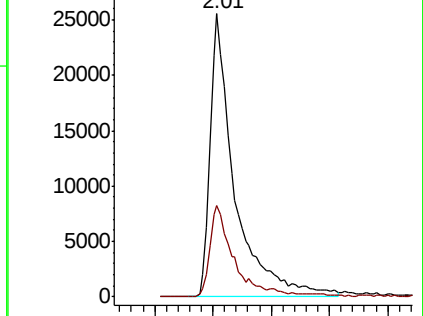
85 100

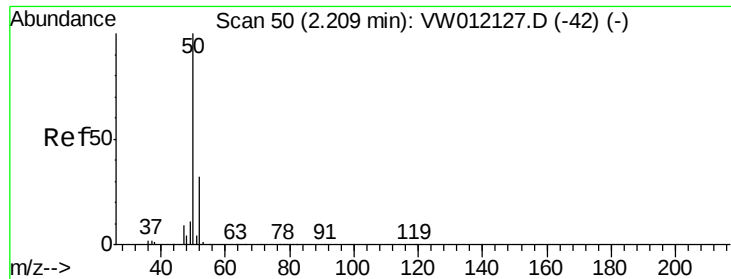
87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.733 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

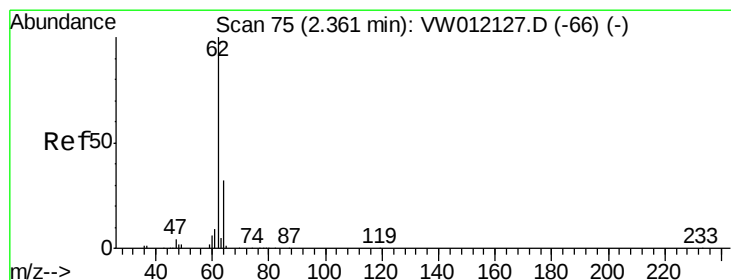
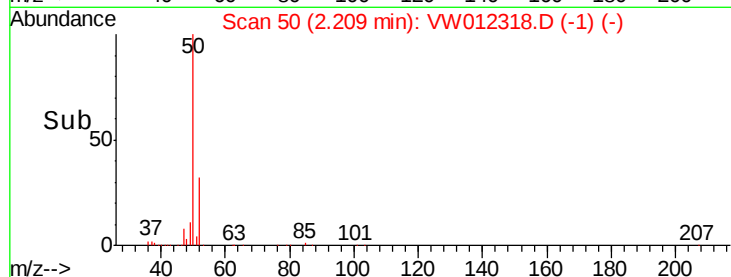
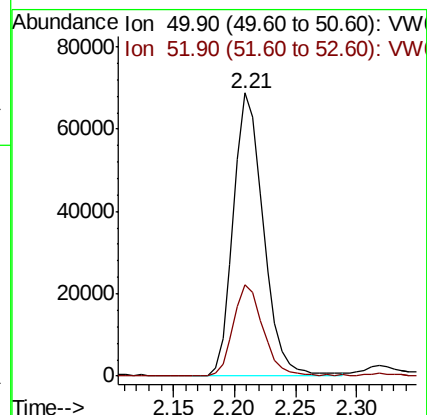
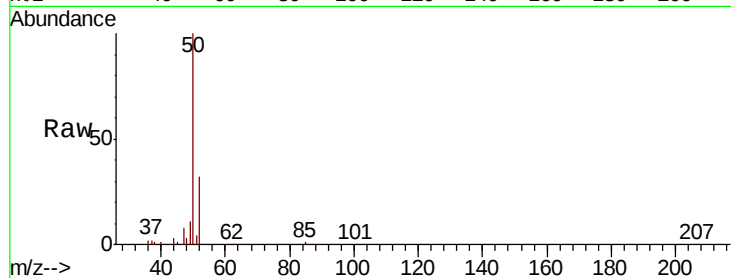
VSTDCCC050

Tgt Ion: 50 Resp: 116952

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 55.447 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012318.D

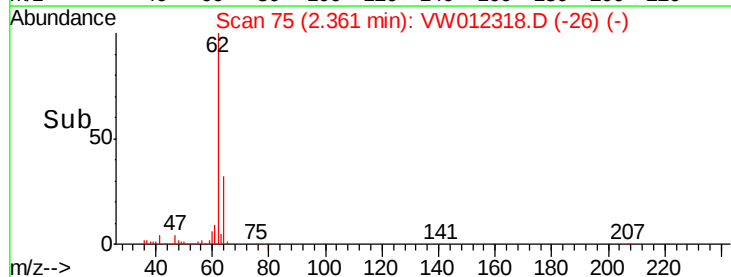
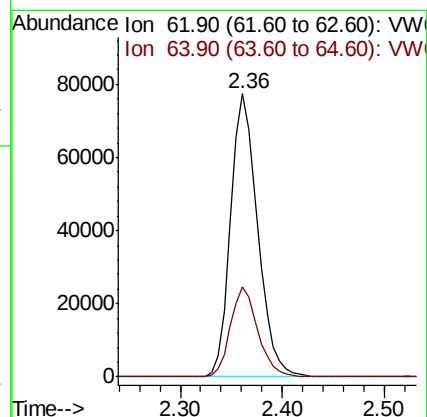
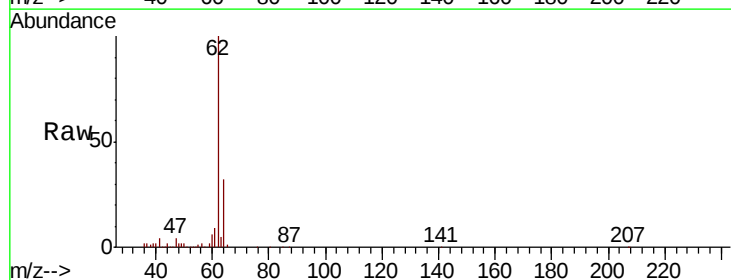
Acq: 29 Aug 2019 22:04

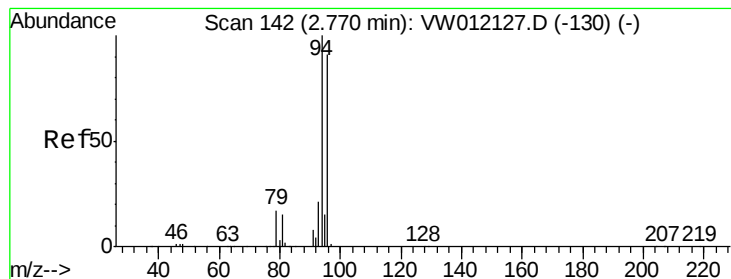
Tgt Ion: 62 Resp: 142411

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 56.659 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

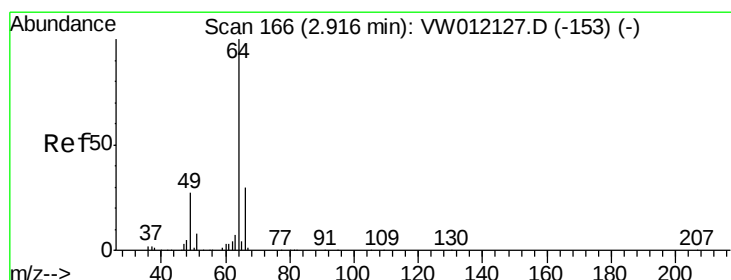
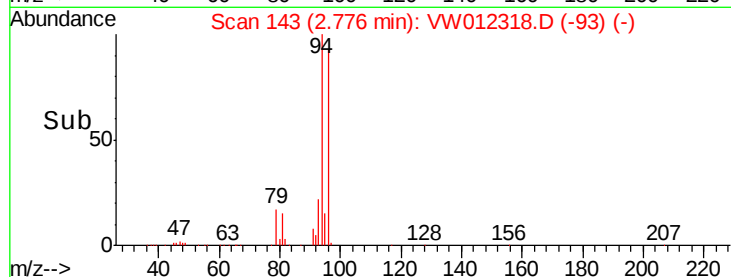
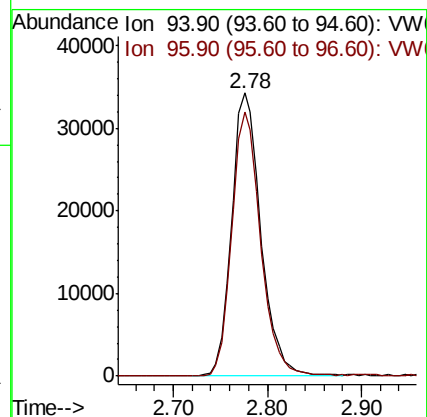
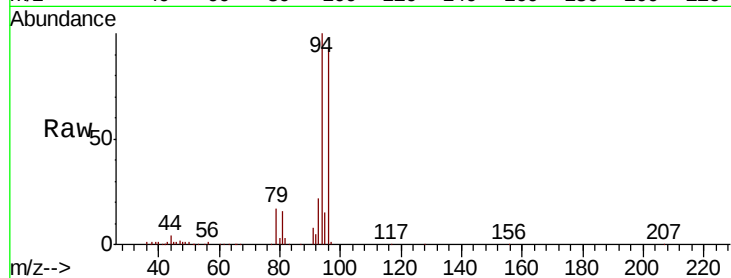
VSTDCCC050

Tgt Ion: 94 Resp: 73700

Ion Ratio Lower Upper

94 100

96 93.4 72.9 109.3



#6

Chloroethane

Concen: 56.701 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012318.D

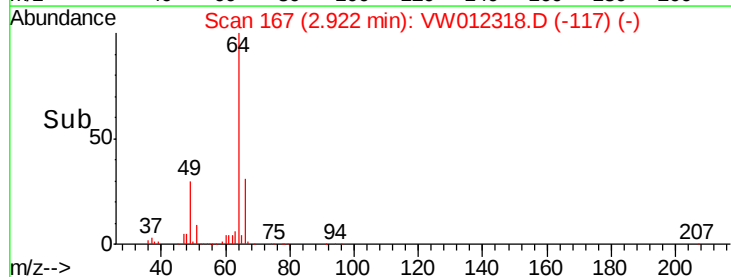
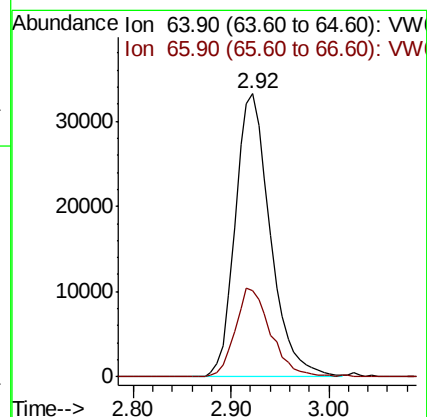
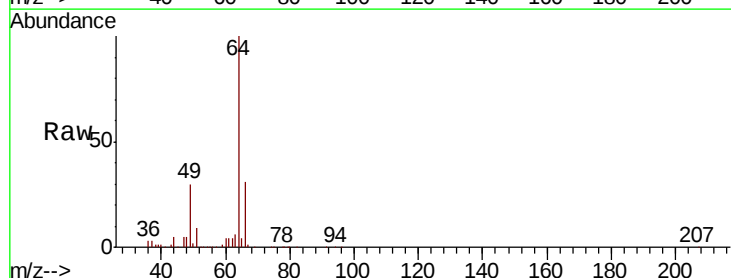
Acq: 29 Aug 2019 22:04

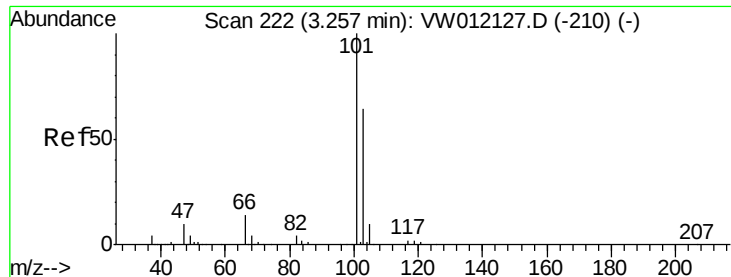
Tgt Ion: 64 Resp: 82154

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.8



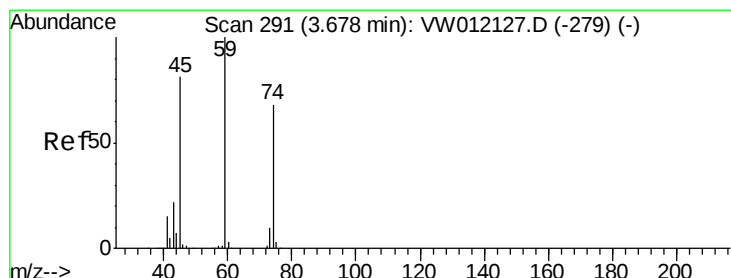
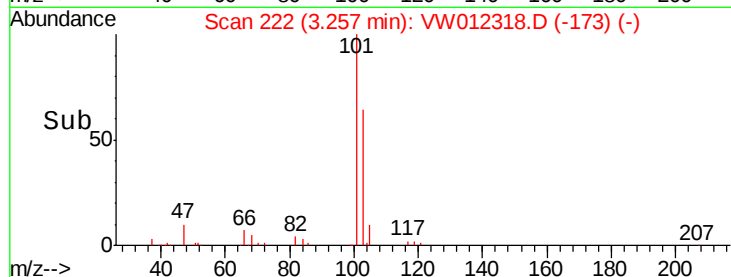
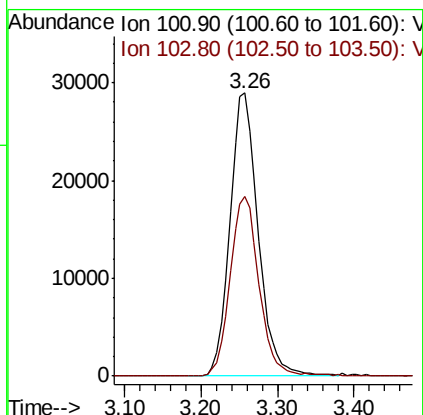
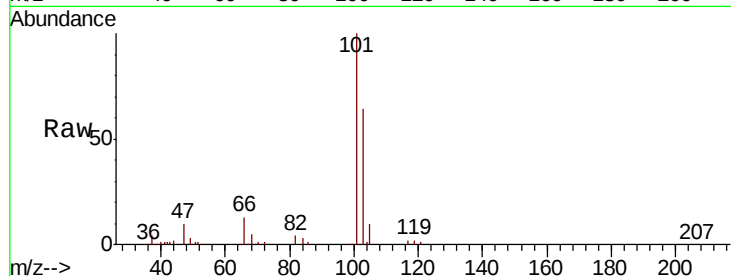


#7

Trichlorofluoromethane
 Concen: 57.361 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012318.D
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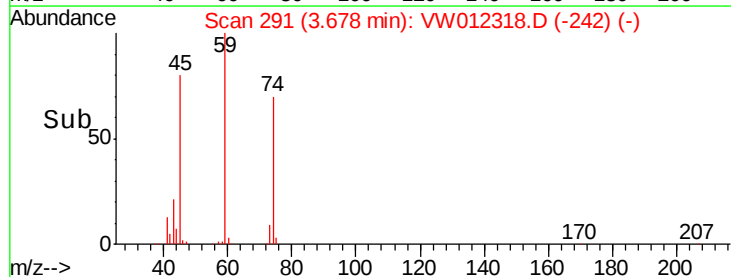
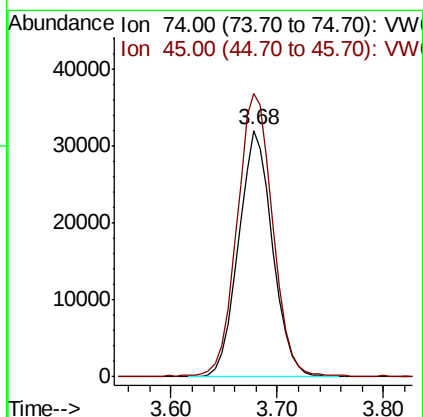
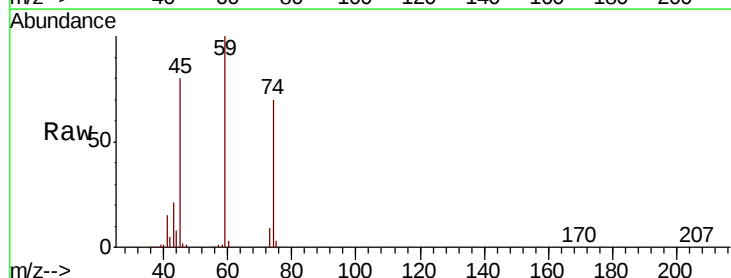
Tgt Ion:101 Resp: 73977
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.2 76.8

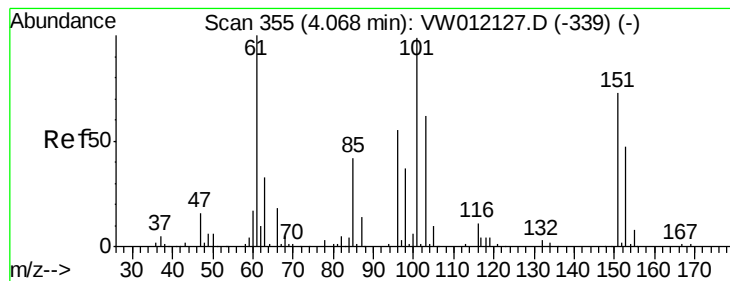


#8

Diethyl Ether
 Concen: 58.448 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 74 Resp: 71549
 Ion Ratio Lower Upper
 74 100
 45 121.7 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.800 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

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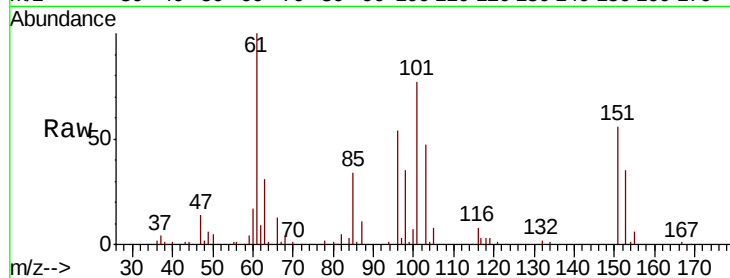
Tgt Ion:101 Resp: 122324

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.6

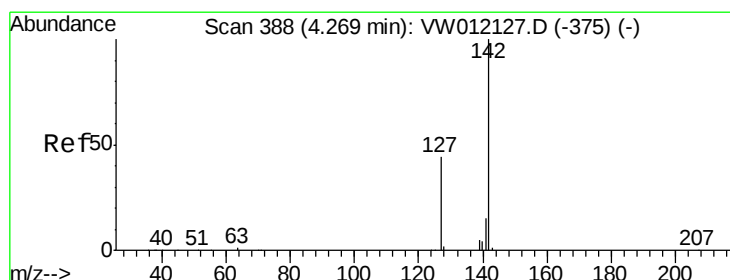
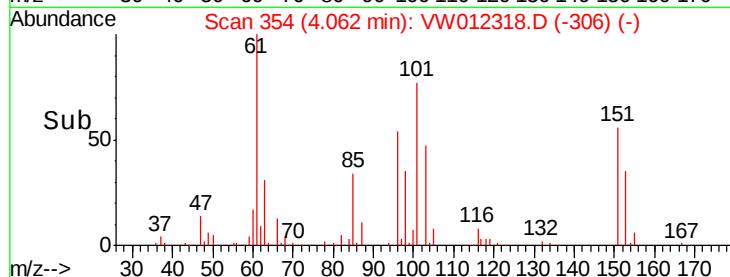
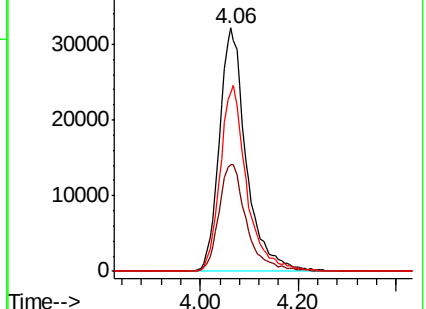
151 75.3 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.527 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

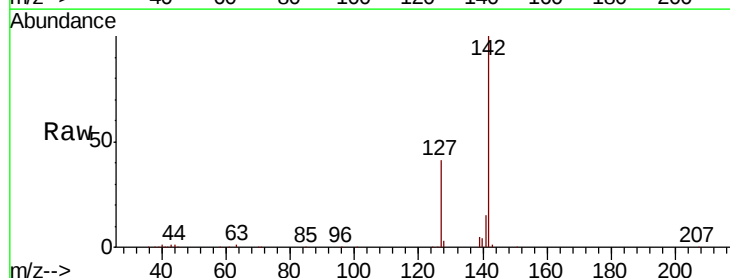
Tgt Ion:142 Resp: 173596

Ion Ratio Lower Upper

142 100

127 43.8 35.5 53.3

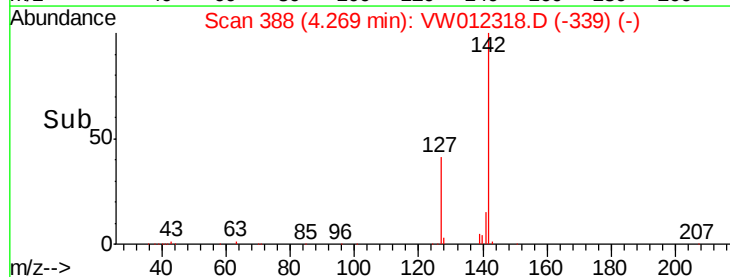
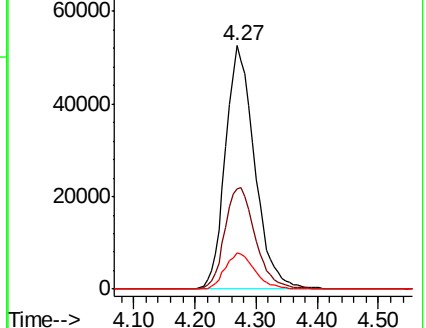
141 15.0 11.8 17.8

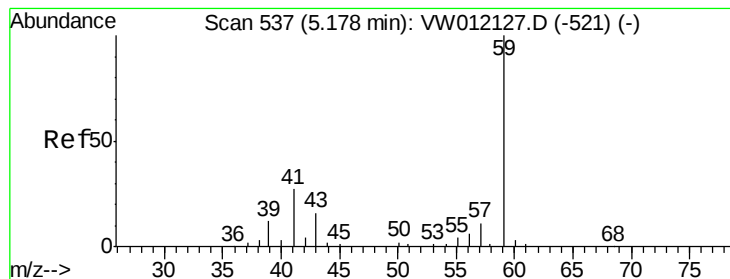


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



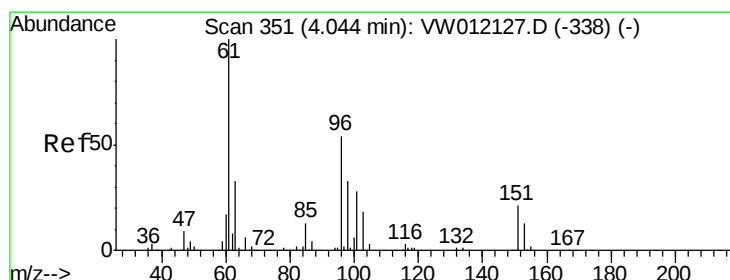
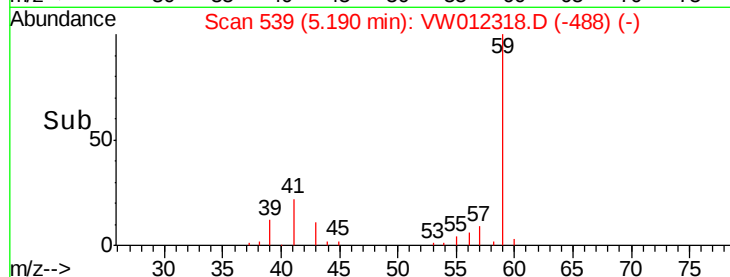
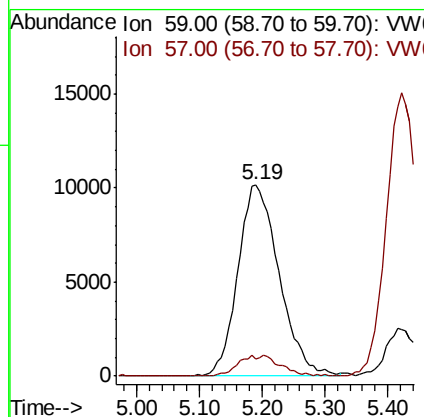
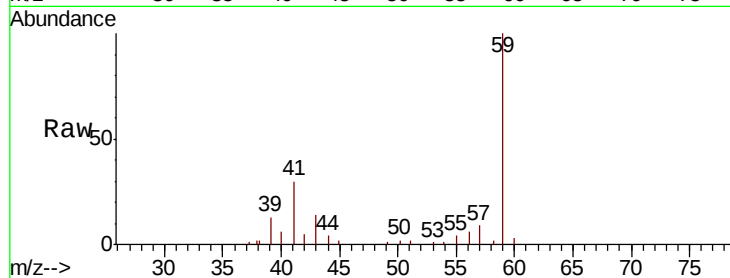


#11

Tert butyl alcohol
 Concen: 294.516 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

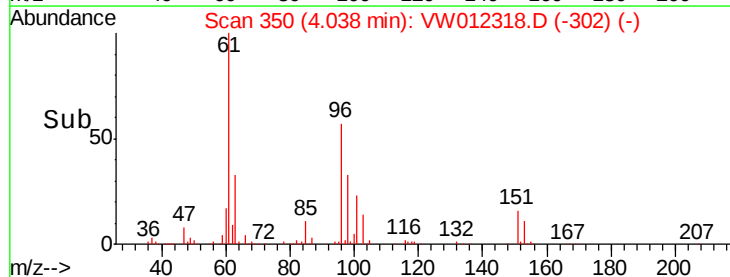
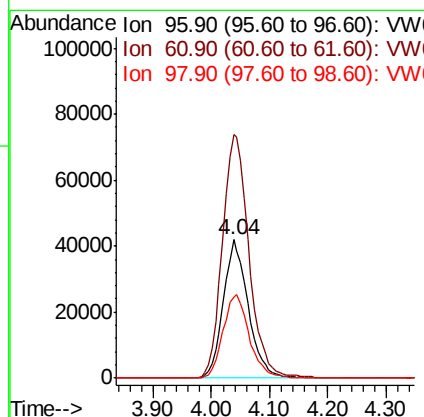
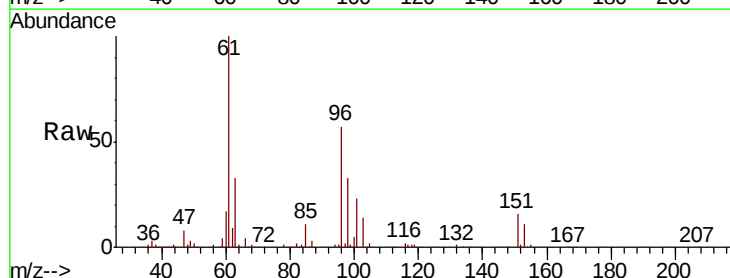
Tgt Ion: 59 Resp: 46347
 Ion Ratio Lower Upper
 59 100
 57 5.0 9.0 13.4#

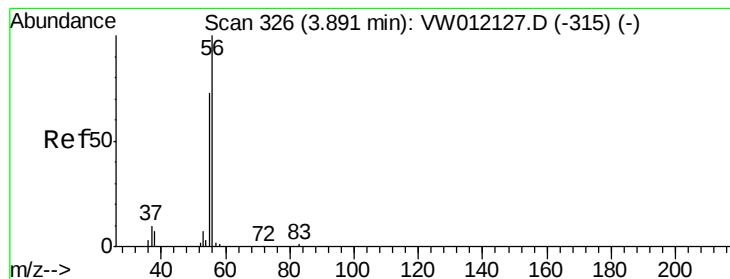


#12

1,1-Dichloroethene
 Concen: 56.696 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 96 Resp: 125096
 Ion Ratio Lower Upper
 96 100
 61 176.0 149.1 223.7
 98 58.2 49.4 74.2





#13

Acrolein

Concen: 230.929 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

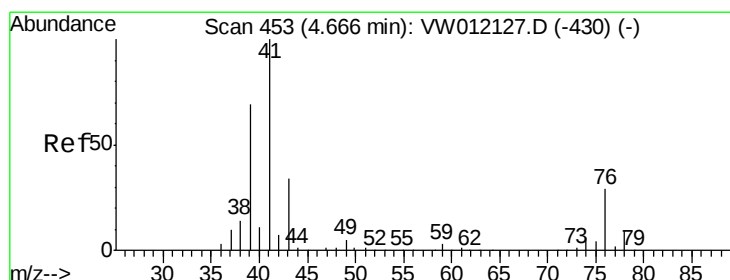
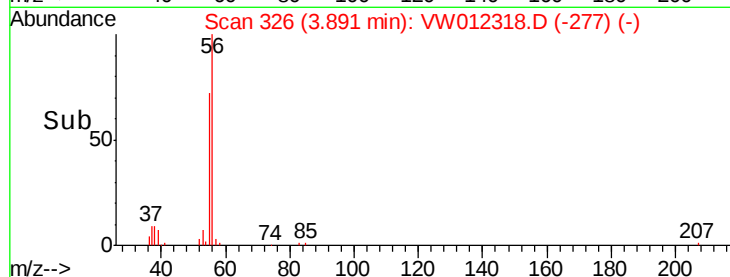
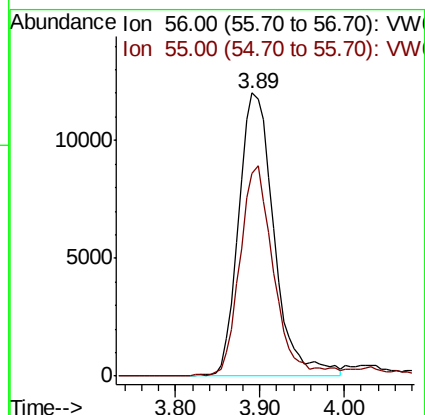
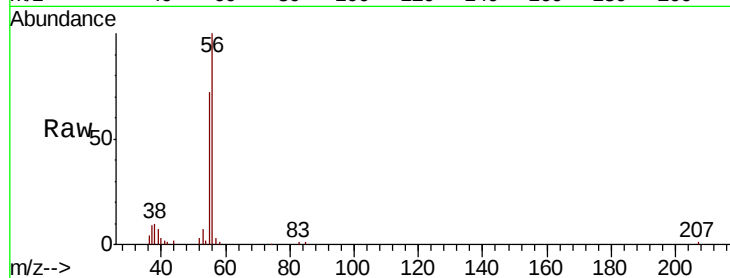
VSTDCCC050

Tgt Ion: 56 Resp: 34208

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Allyl chloride

Concen: 58.564 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

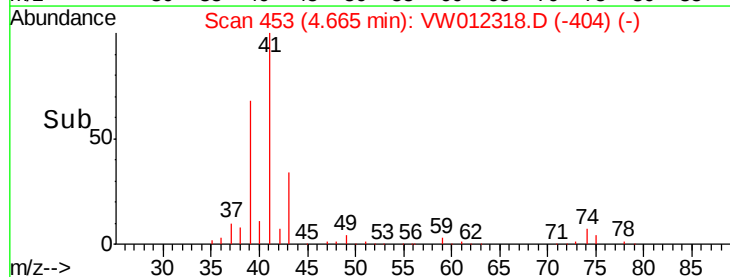
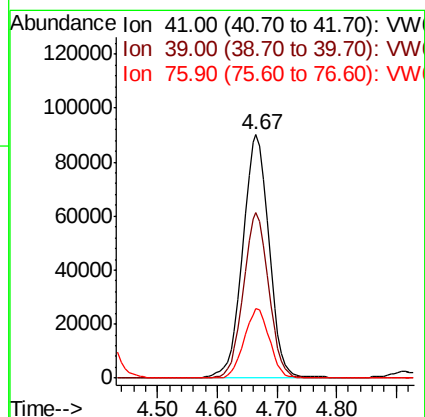
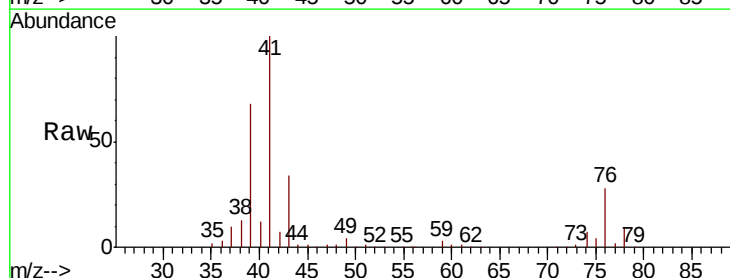
Tgt Ion: 41 Resp: 276248

Ion Ratio Lower Upper

41 100

39 65.8 53.4 80.2

76 27.6 22.1 33.1





#15

Acrylonitrile

Concen: 296.590 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

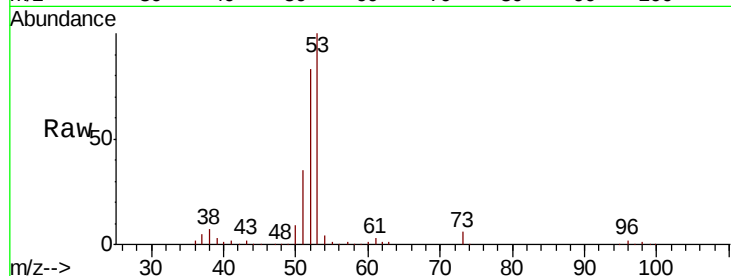
Tgt Ion: 53 Resp: 179960

Ion Ratio Lower Upper

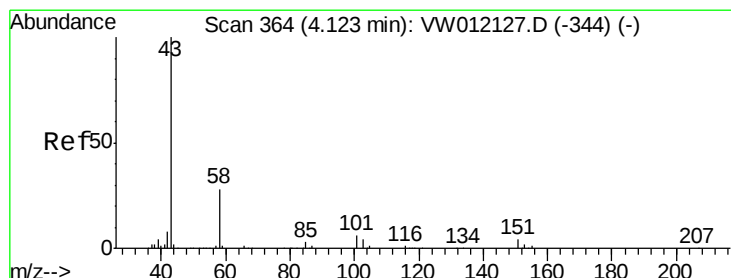
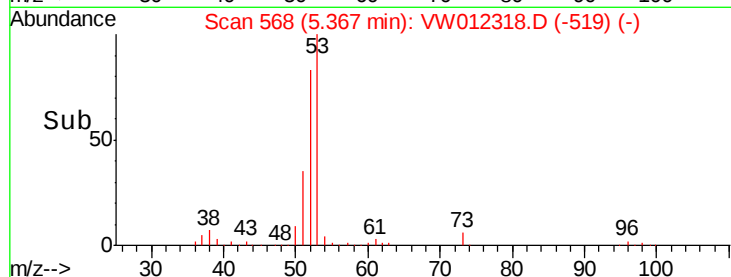
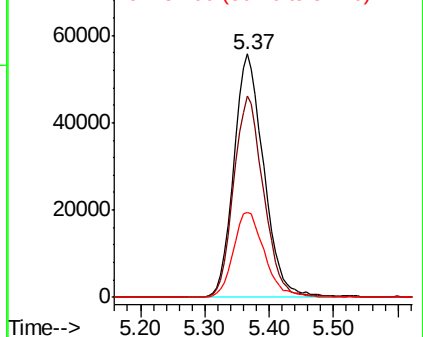
53 100

52 82.2 66.7 100.1

51 36.6 30.1 45.1



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: 228.817 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012318.D

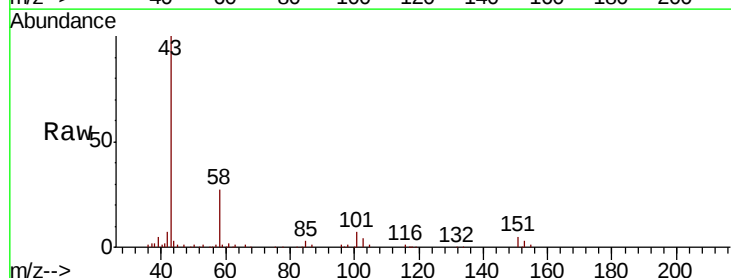
Acq: 29 Aug 2019 22:04

Tgt Ion: 43 Resp: 152950

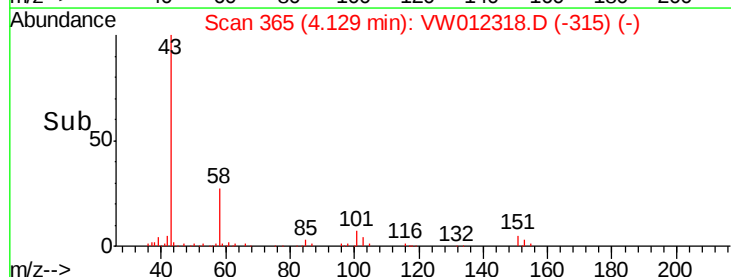
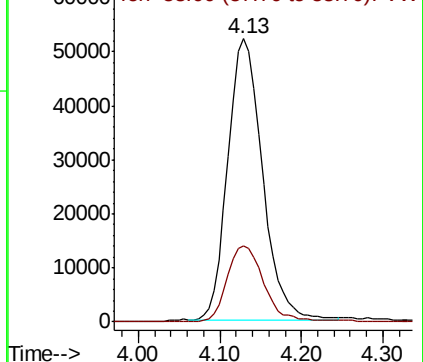
Ion Ratio Lower Upper

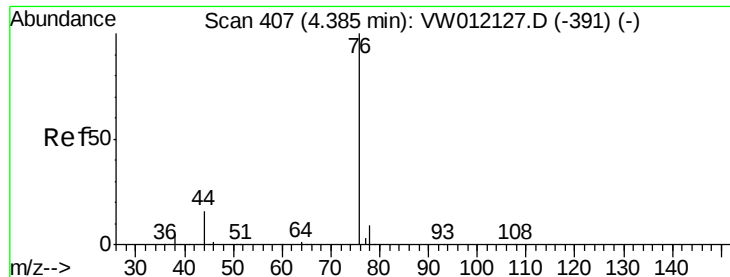
43 100

58 26.9 22.4 33.6



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

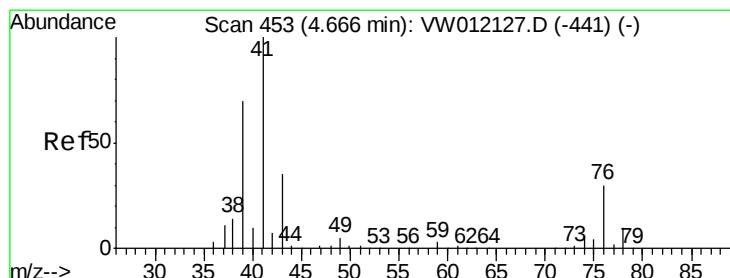
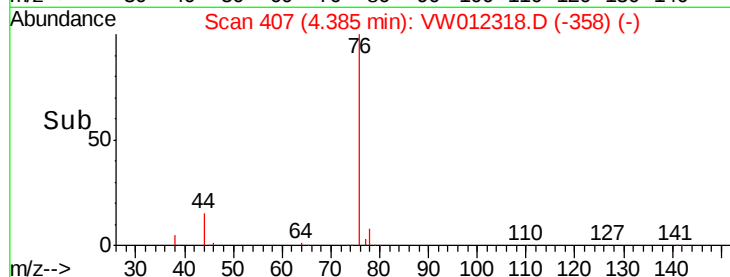
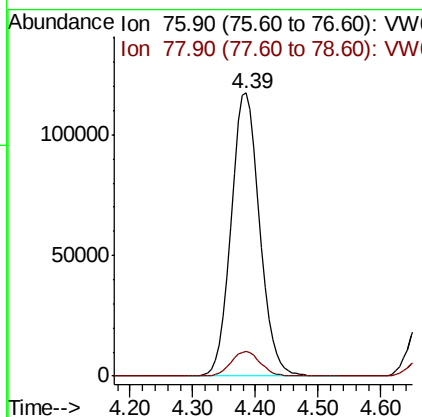
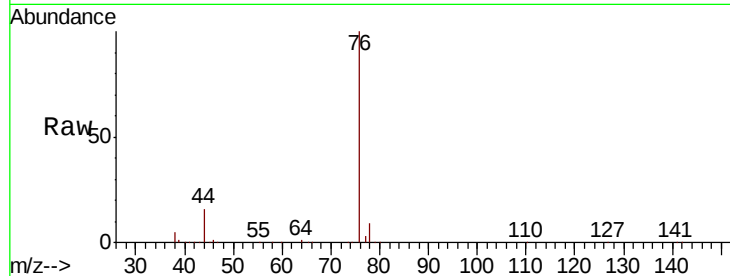




#17
Carbon Disulfide
Concen: 55.375 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

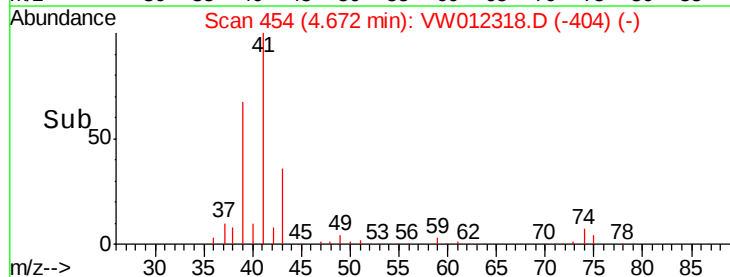
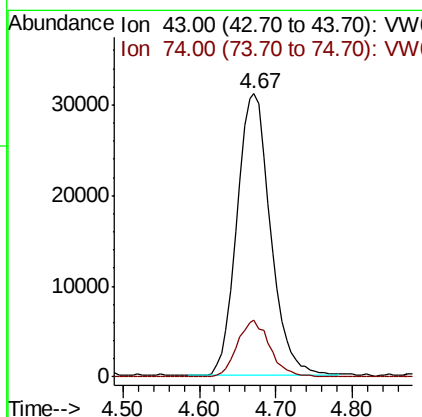
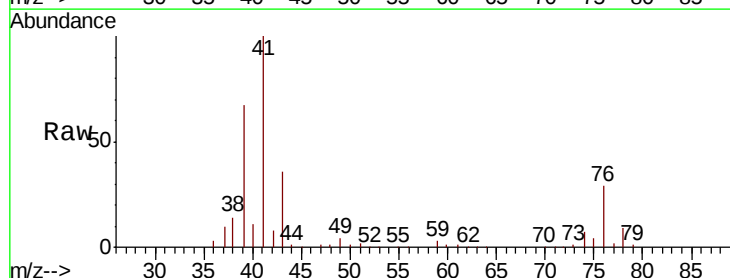
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 76 Resp: 369255
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 57.391 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 43 Resp: 95016
Ion Ratio Lower Upper
43 100
74 19.7 15.7 23.5

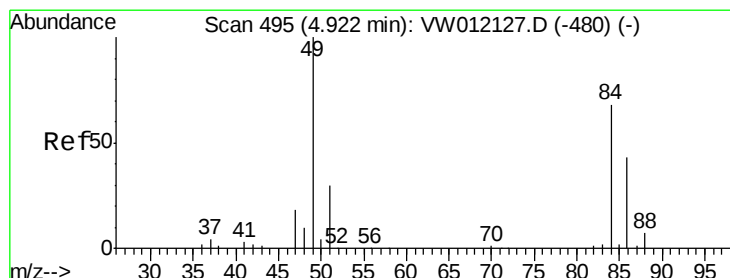
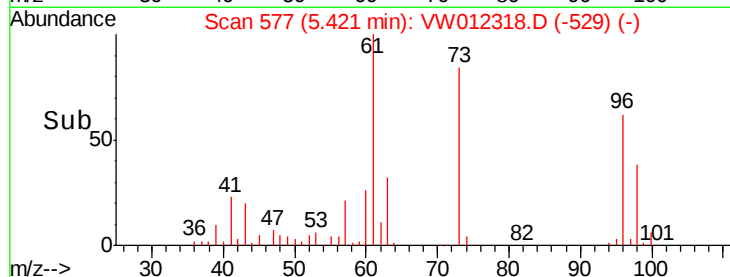
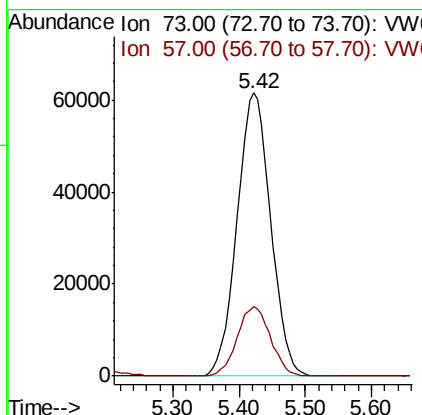
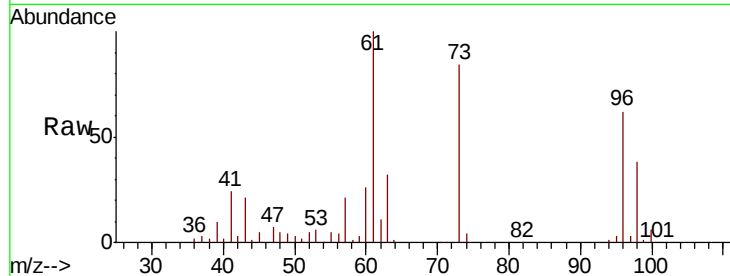




#19
Methyl tert-butyl Ether
Concen: 60.876 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

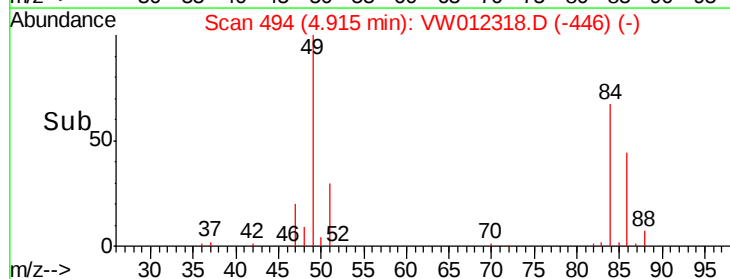
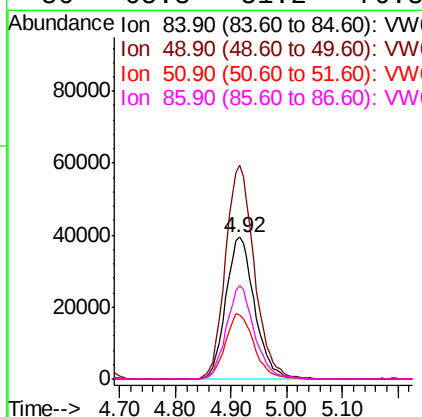
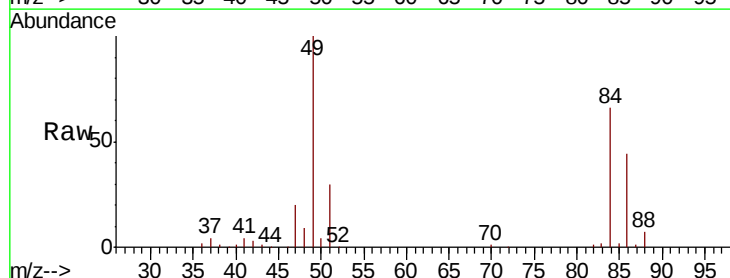
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

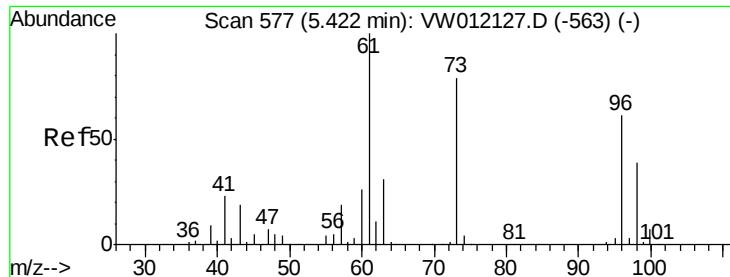
Tgt Ion: 73 Resp: 217217
Ion Ratio Lower Upper
73 100
57 24.5 18.9 28.3



#20
Methylene Chloride
Concen: 55.829 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 84 Resp: 141078
Ion Ratio Lower Upper
84 100
49 150.9 117.8 176.8
51 44.8 35.6 53.4
86 65.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 56.671 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

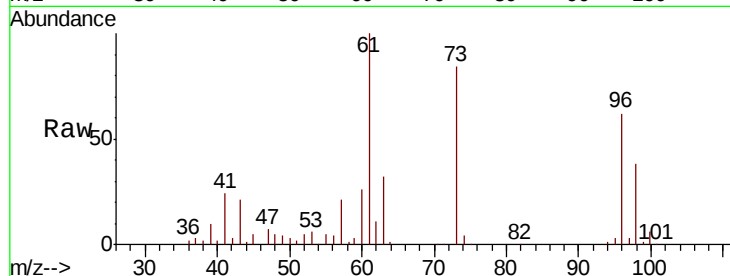
Tgt Ion: 96 Resp: 134087

Ion Ratio Lower Upper

96 100

61 161.3 131.4 197.0

98 62.0 51.4 77.0

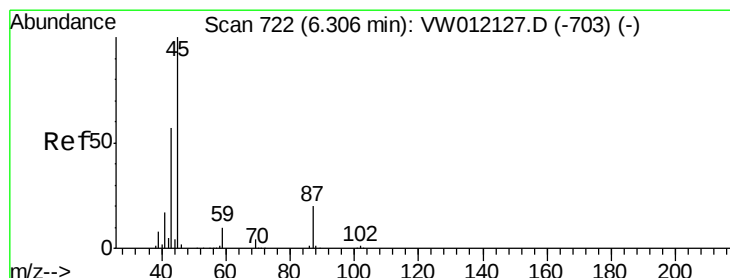
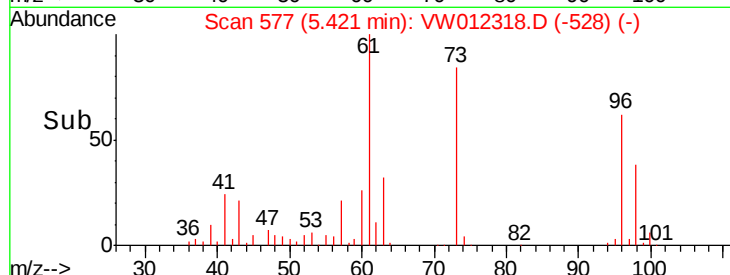
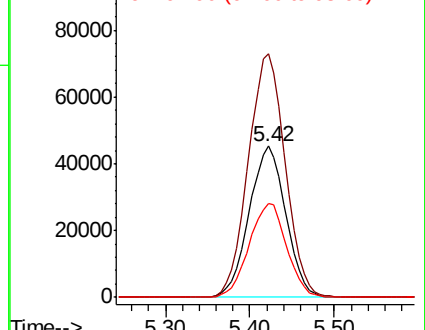


Abundance

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: 59.296 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion: 45 Resp: 518453

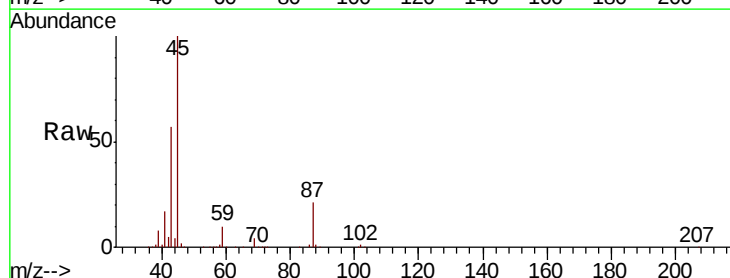
Ion Ratio Lower Upper

45 100

43 56.8 45.5 68.3

87 21.0 16.1 24.1

59 10.2 8.2 12.2



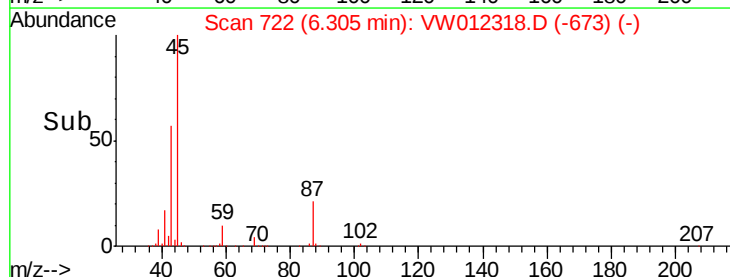
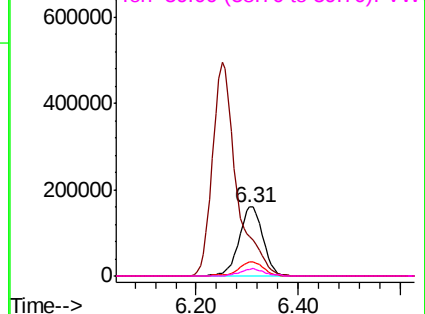
Abundance

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: 301.387 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

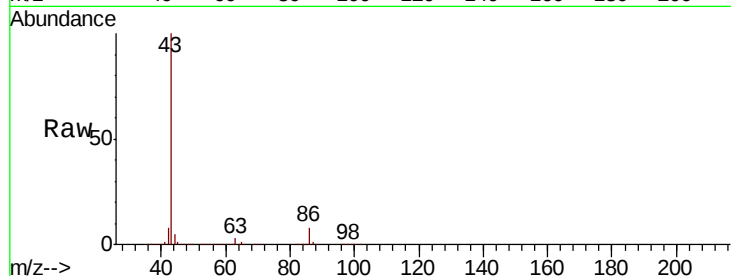
VSTDCCC050

Tgt Ion: 43 Resp: 1621728

Ion Ratio Lower Upper

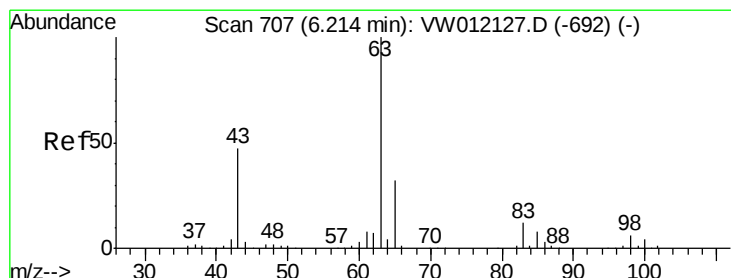
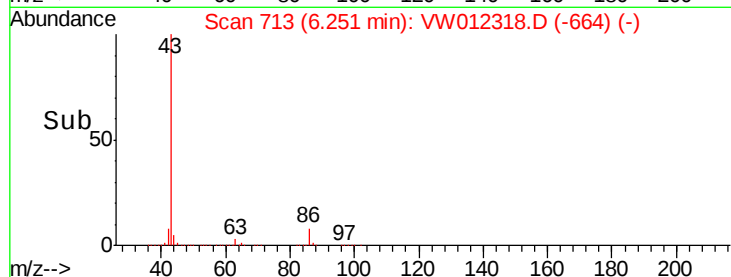
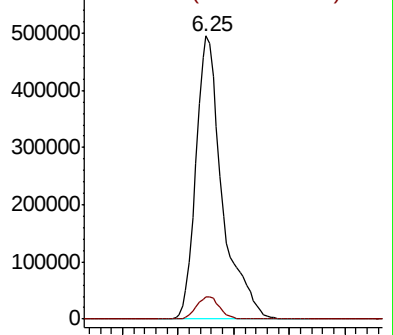
43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 57.374 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

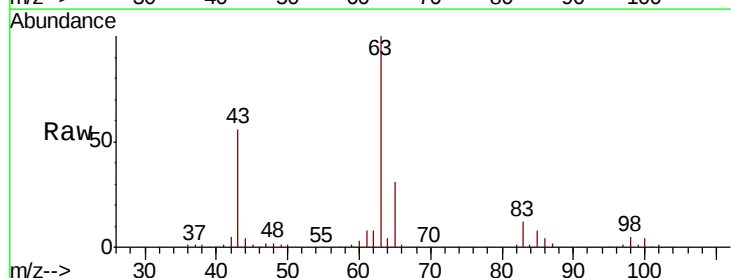
Tgt Ion: 63 Resp: 273139

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

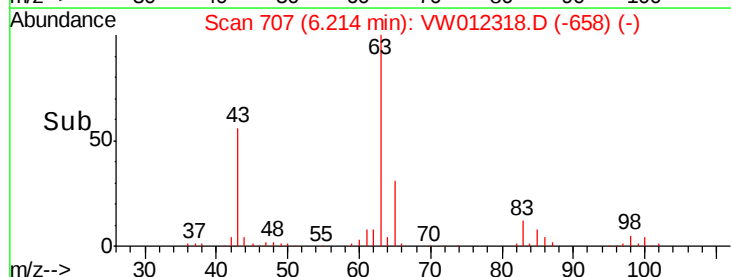
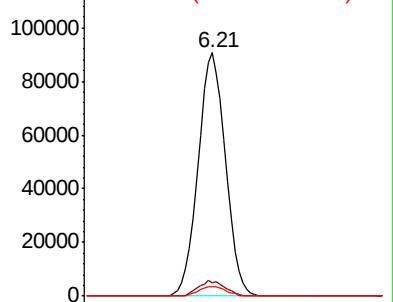
100 4.1 2.0 6.0

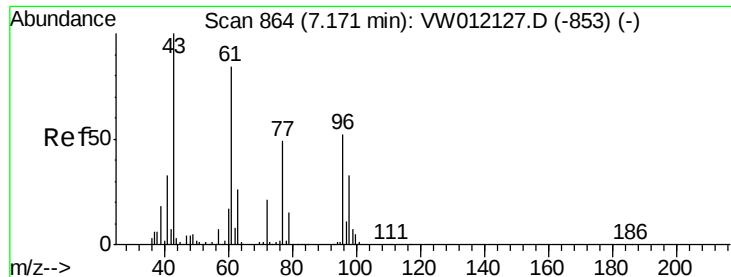


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 271.709 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

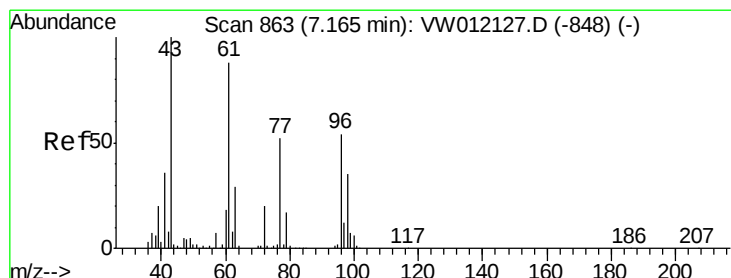
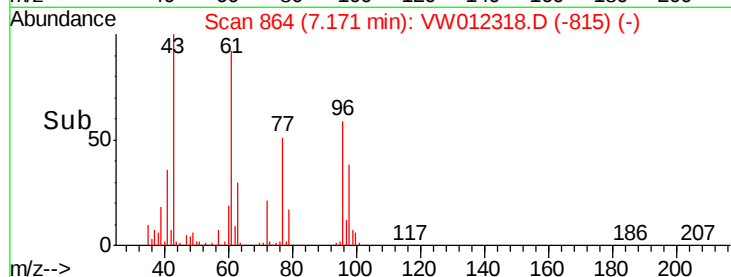
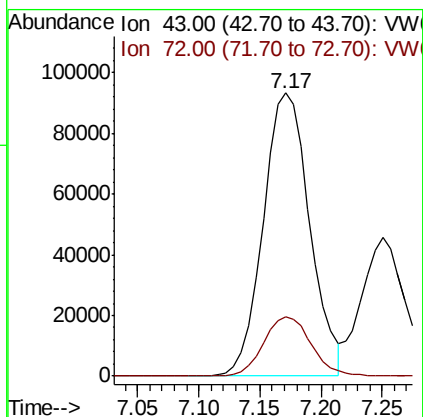
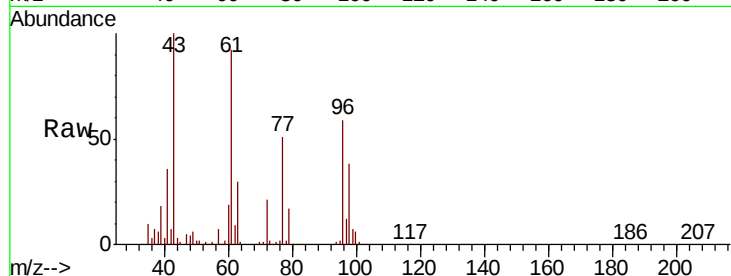
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246801

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 54.522 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012318.D

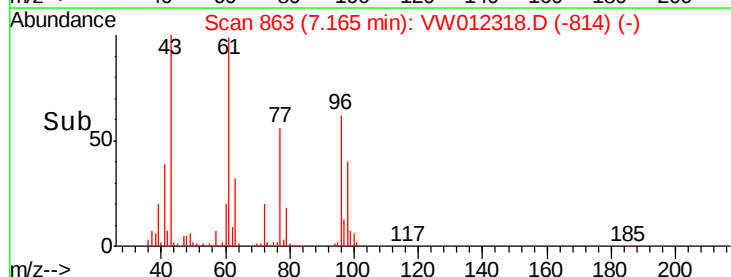
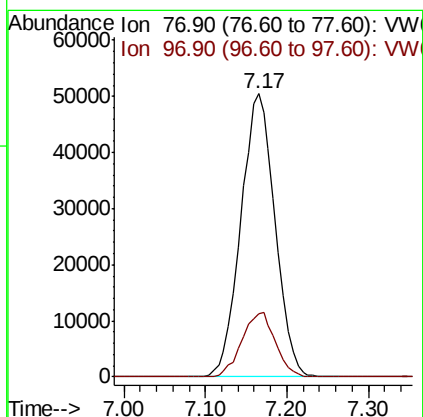
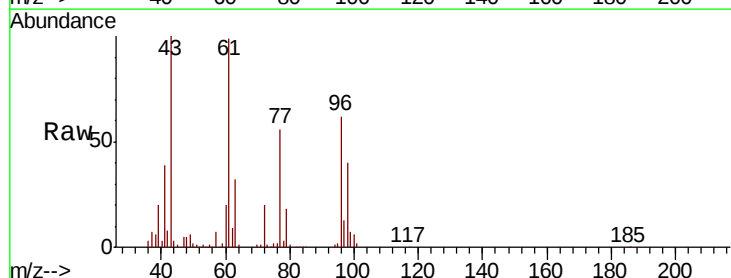
Acq: 29 Aug 2019 22:04

Tgt Ion: 77 Resp: 146916

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1



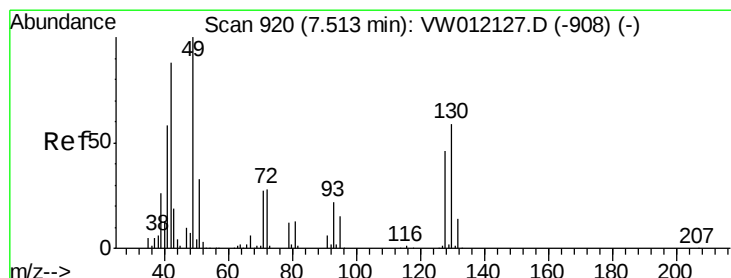
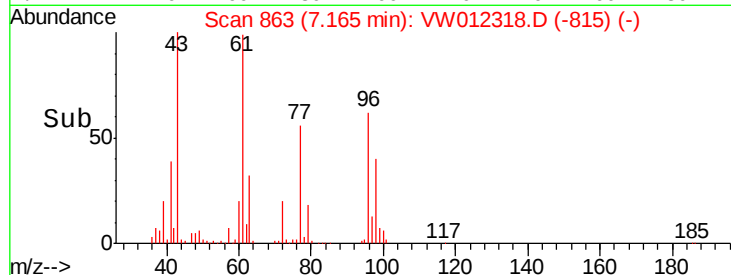
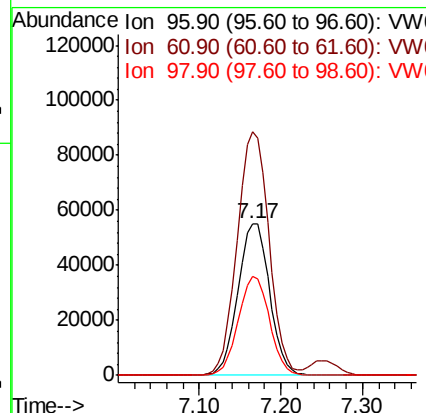
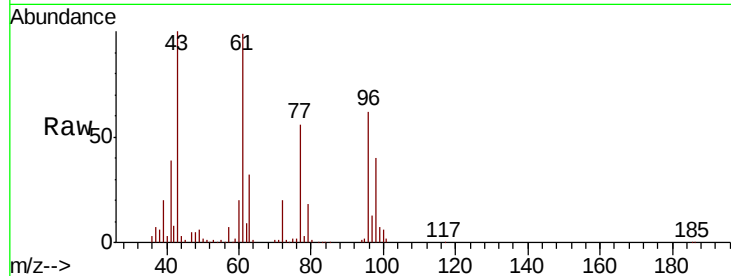


#27

cis-1,2-Dichloroethene
Concen: 58.576 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

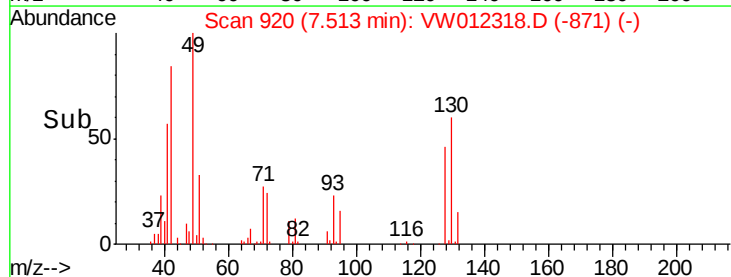
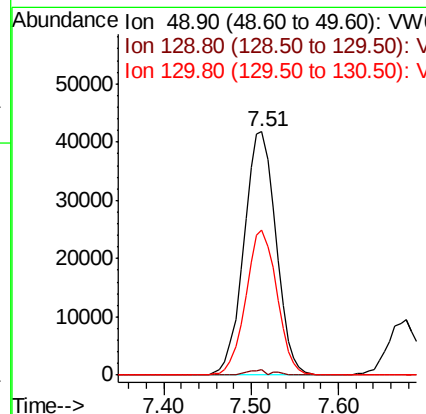
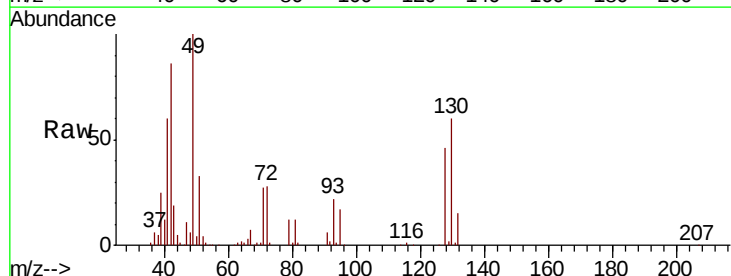
Tgt Ion: 96 Resp: 148076
Ion Ratio Lower Upper
96 100
61 161.8 0.0 326.6
98 64.3 0.0 127.4

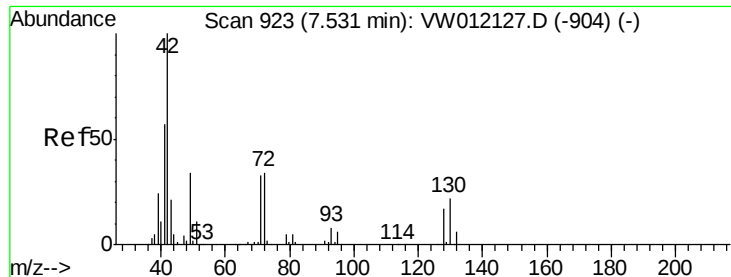


#28

Bromochloromethane
Concen: 51.392 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 49 Resp: 106636
Ion Ratio Lower Upper
49 100
129 1.2 0.0 1.4
130 57.8 45.5 68.3

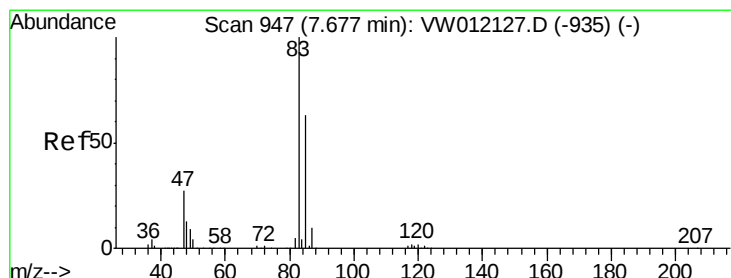
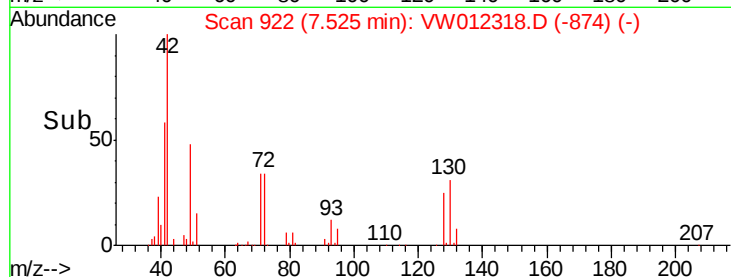
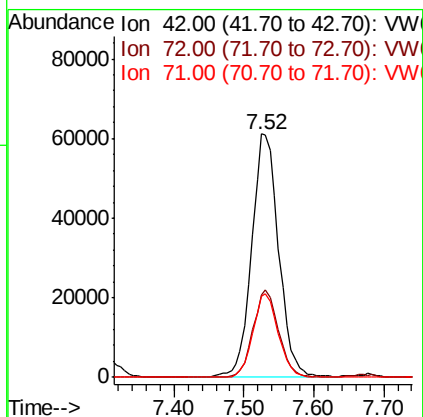
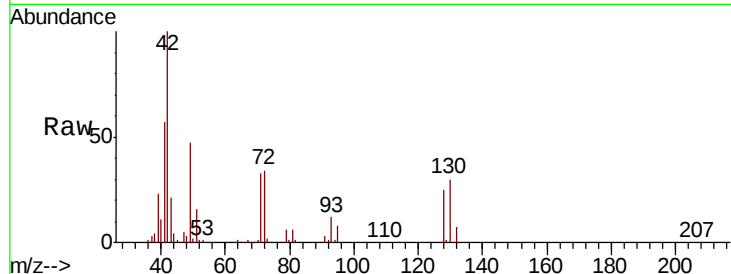




#29
Tetrahydrofuran
Concen: 299.628 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

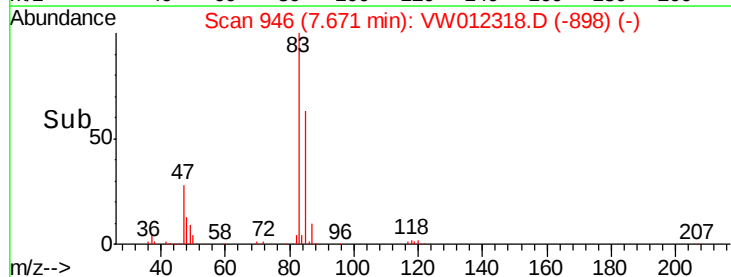
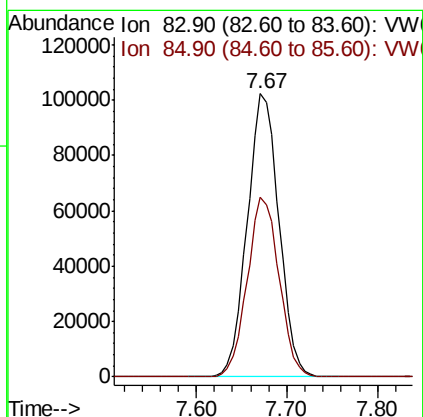
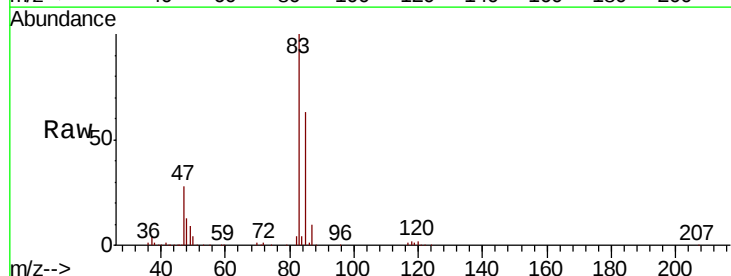
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

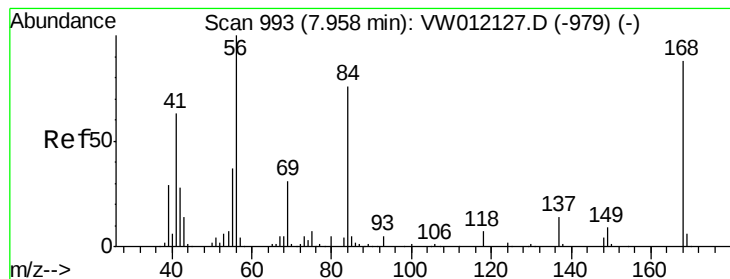
Tgt Ion: 42 Resp: 163285
Ion Ratio Lower Upper
42 100
72 34.0 27.3 40.9
71 32.5 25.5 38.3



#30
Chloroform
Concen: 56.794 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 83 Resp: 247368
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0





#31

Cyclohexane

Concen: 51.638 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

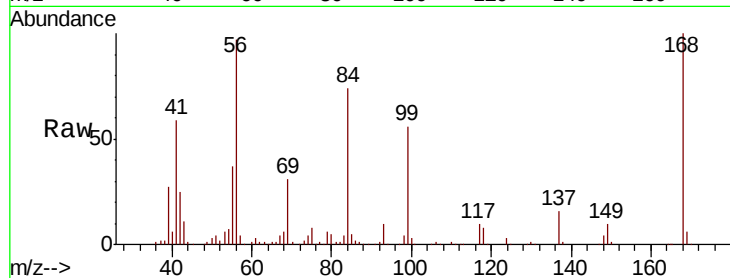
Tgt Ion: 56 Resp: 243218

Ion Ratio Lower Upper

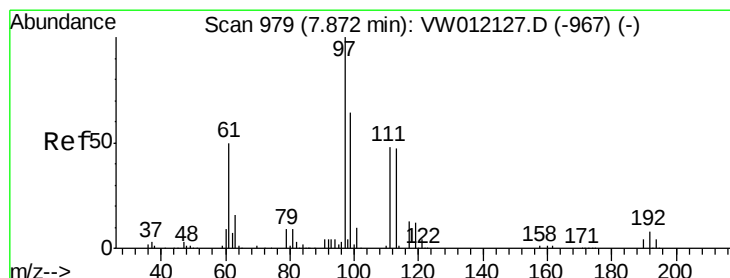
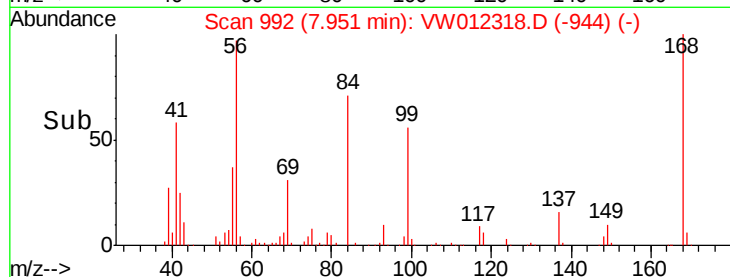
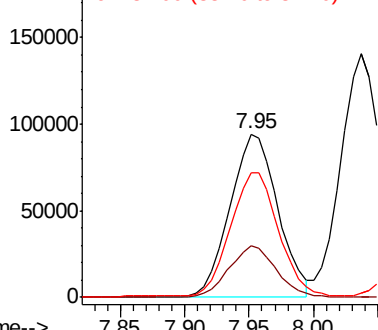
56 100

69 31.8 24.9 37.3

84 75.4 60.6 90.8



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: 56.546 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

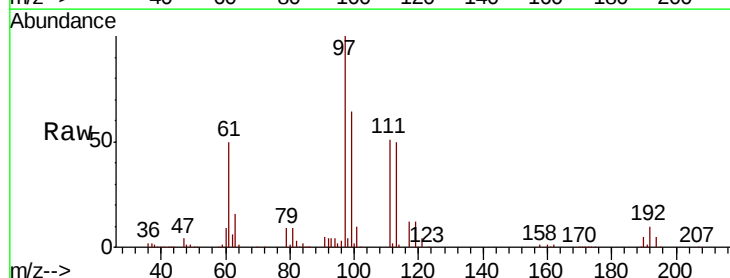
Tgt Ion: 97 Resp: 194832

Ion Ratio Lower Upper

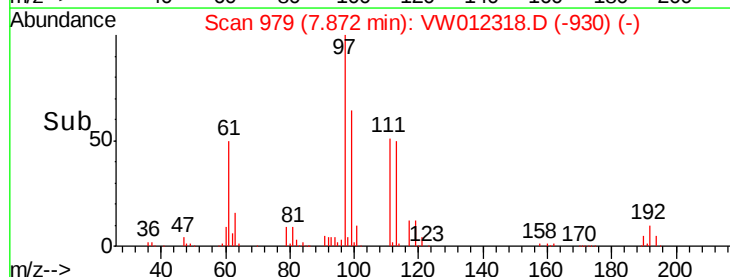
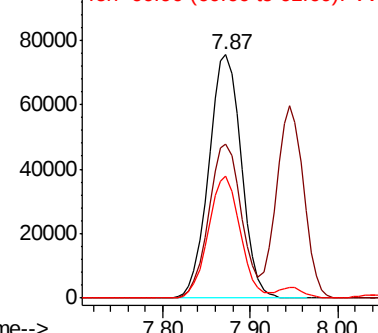
97 100

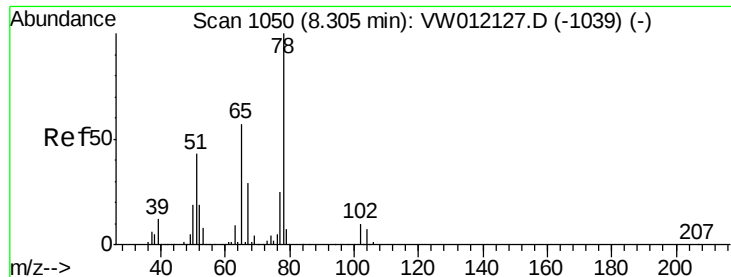
99 63.5 51.4 77.0

61 49.2 39.5 59.3



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

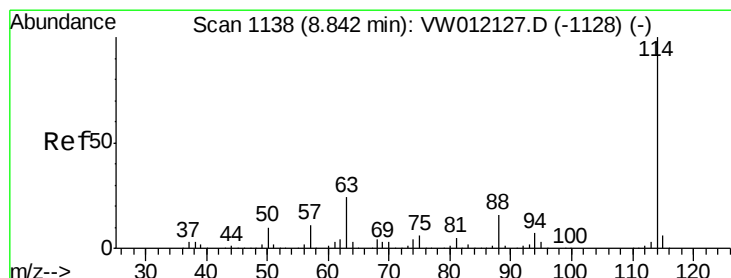
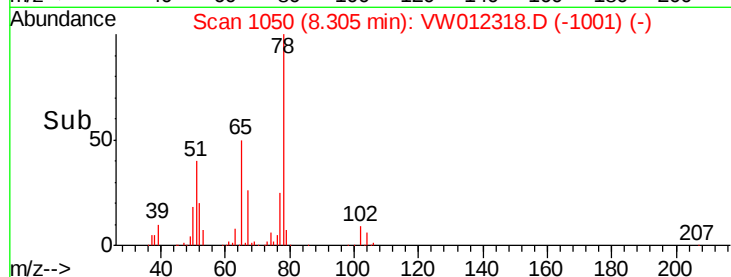
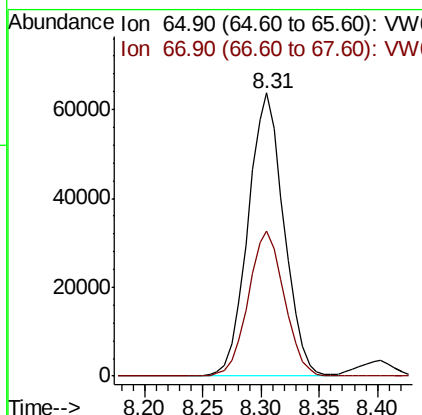
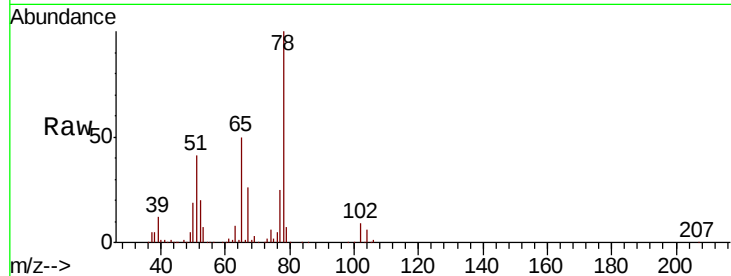




#33
 1,2-Dichloroethane-d4
 Concen: 52.041 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

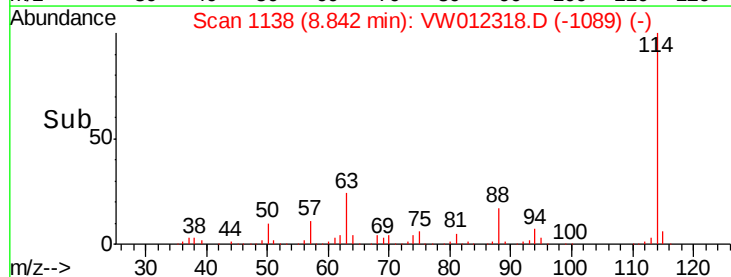
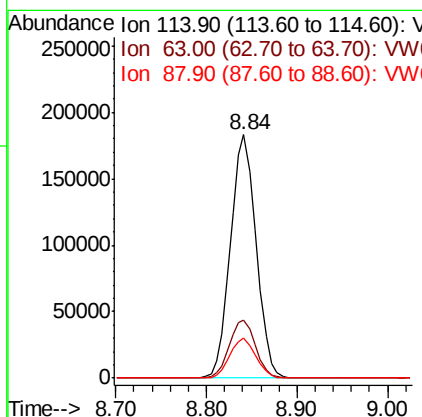
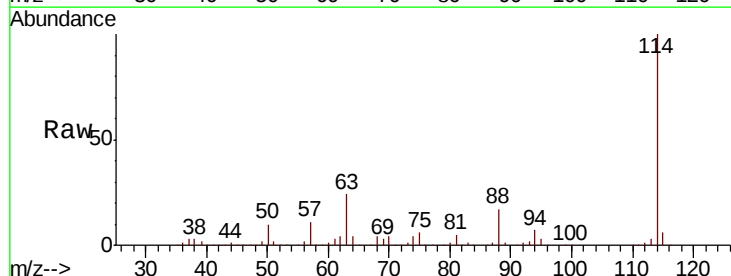
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 136084
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 114 Resp: 359090
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.5 0.0 32.2

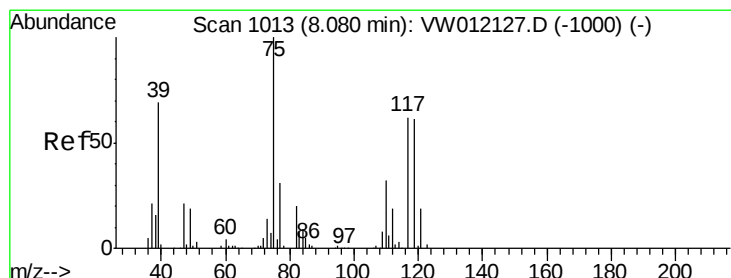
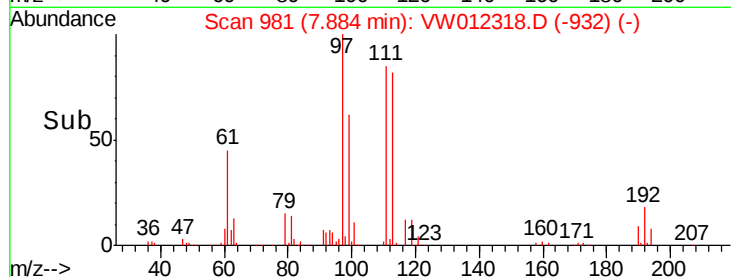
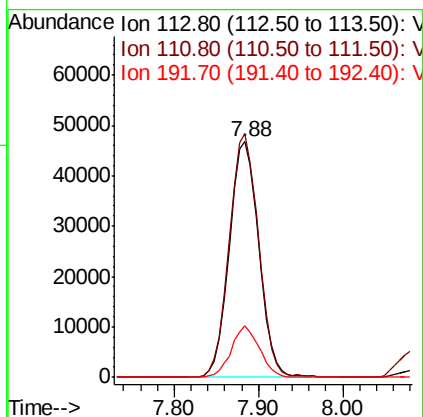
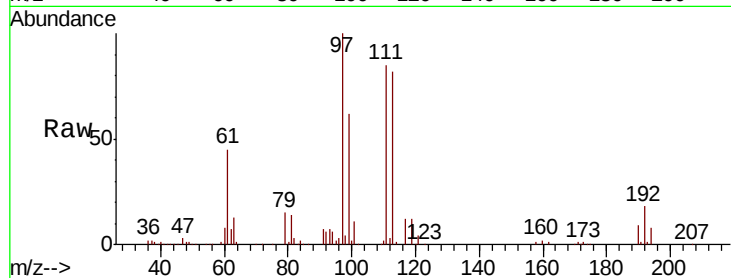




#35
 Dibromofluoromethane
 Concen: 51.633 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

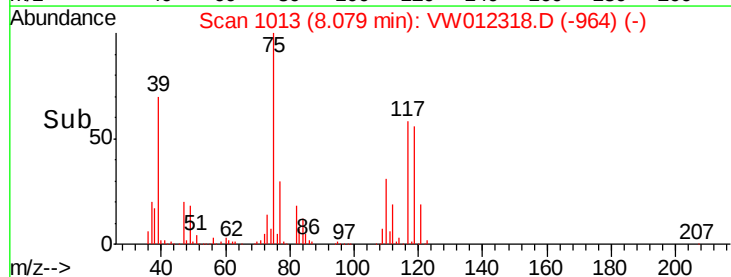
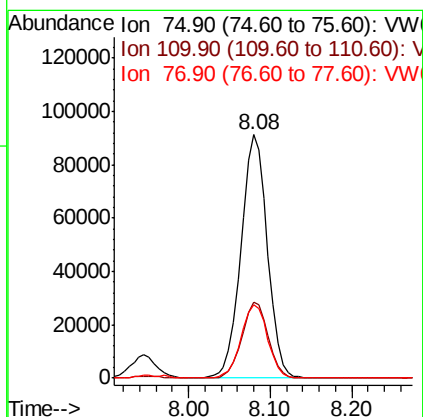
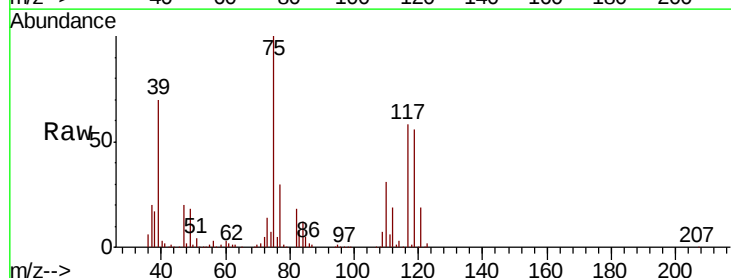
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

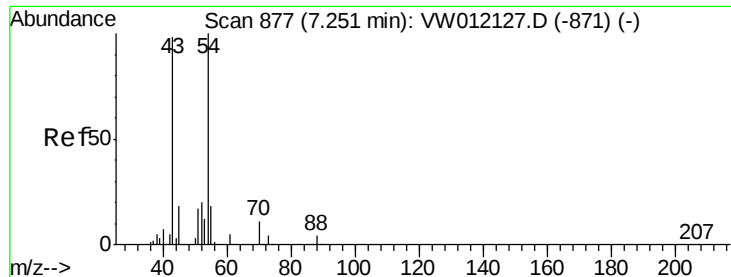
Tgt Ion:113 Resp: 110671
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 55.024 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 75 Resp: 204183
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.6 46.8
 77 30.6 24.6 36.8

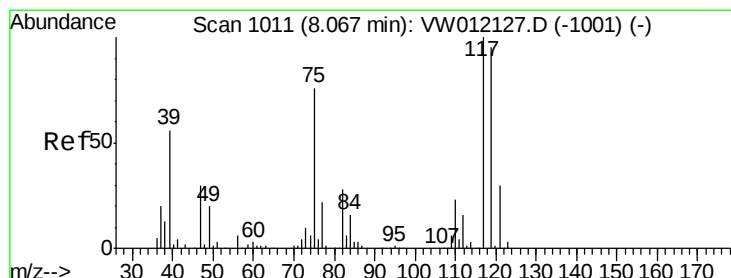
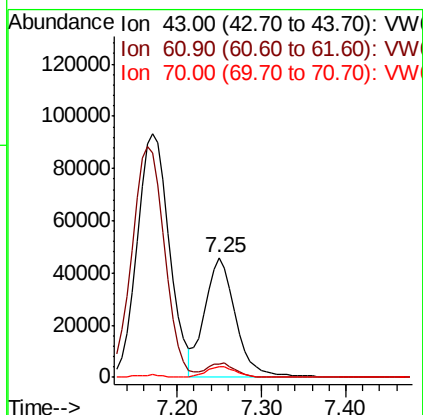
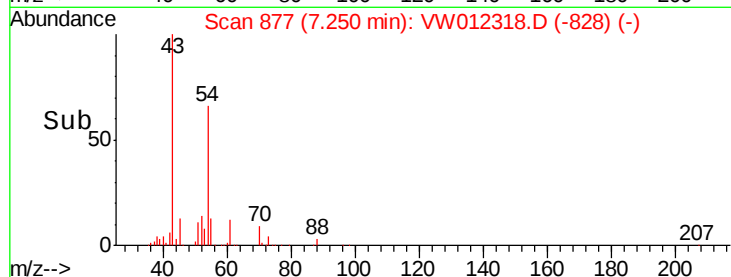
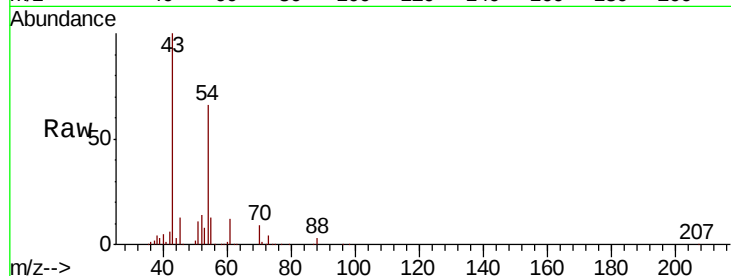




#37
Ethyl Acetate
Concen: 57.383 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

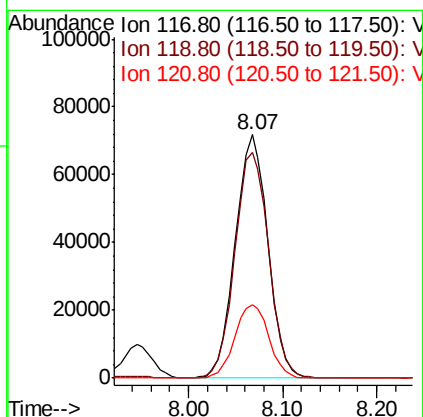
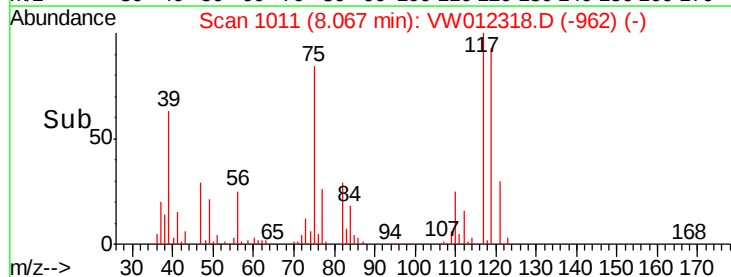
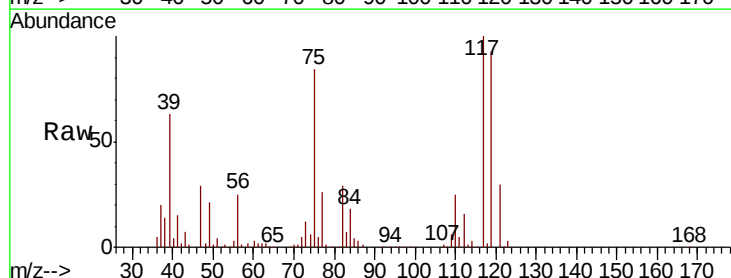
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

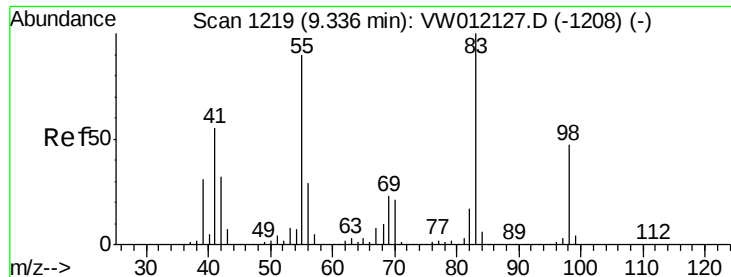
Tgt Ion: 43 Resp: 116686
Ion Ratio Lower Upper
43 100
61 10.8 9.2 13.8
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 54.089 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 117 Resp: 173721
Ion Ratio Lower Upper
117 100
119 92.8 76.2 114.2
121 30.3 23.8 35.8

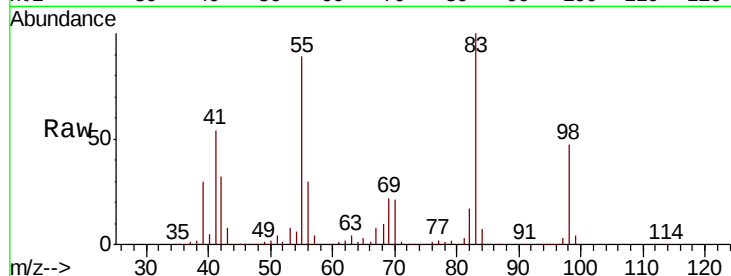




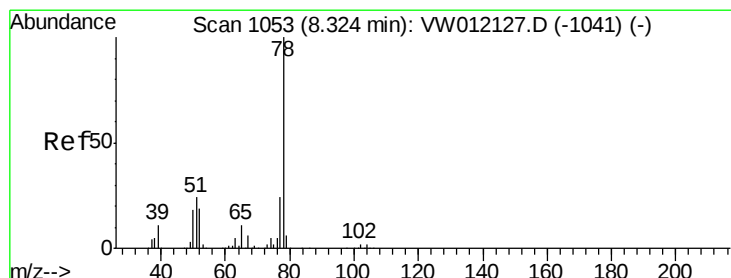
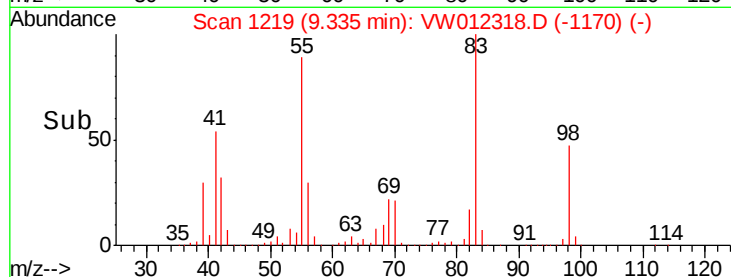
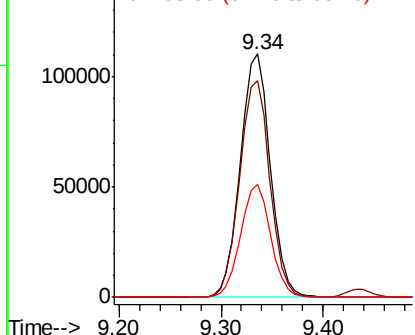
#39
Methylcyclohexane
Concen: 54.172 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 225831
Ion Ratio Lower Upper
83 100
55 89.1 71.8 107.8
98 46.7 37.8 56.8

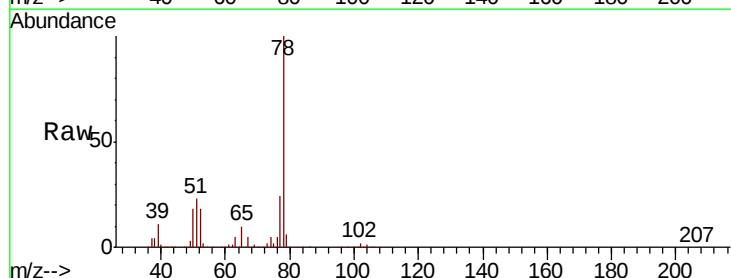


Abundance Ion 83.00 (82.70 to 83.70): VW
150000 Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

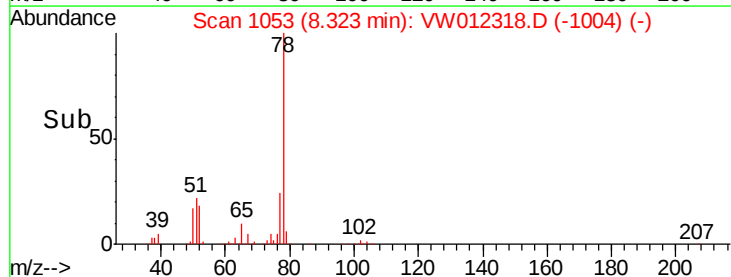
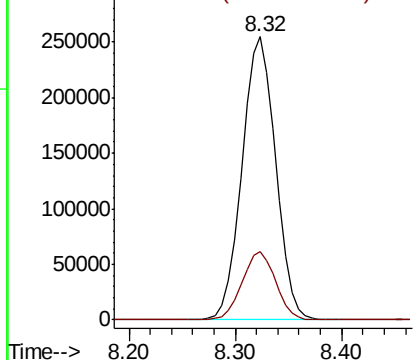


#40
Benzene
Concen: 55.738 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 78 Resp: 564770
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW
300000 Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 65.067 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 77763

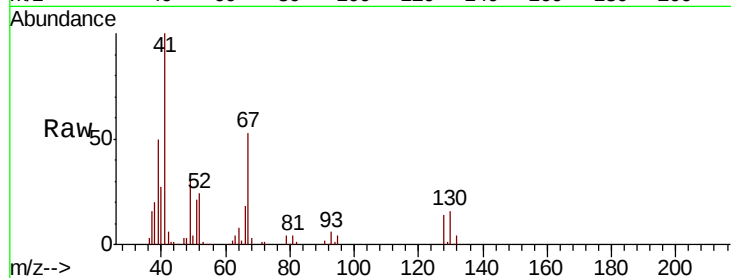
Ion Ratio Lower Upper

41 100

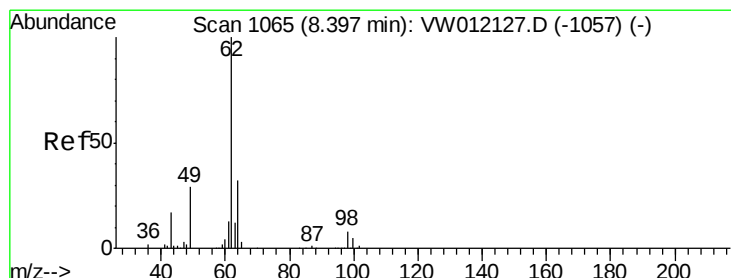
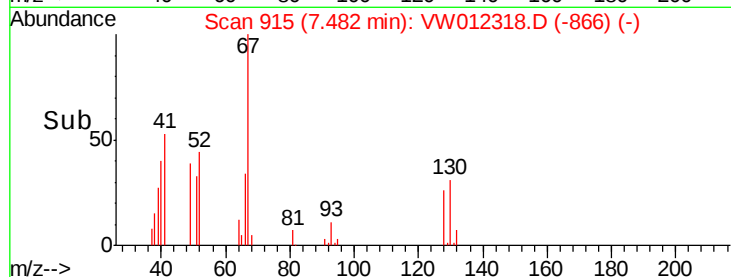
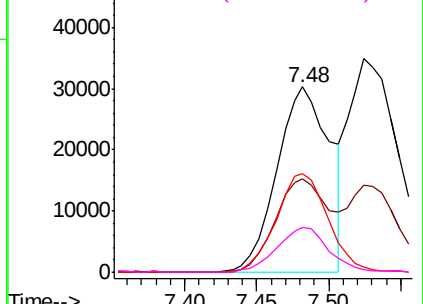
39 50.8 45.8 68.8

67 52.2 46.2 69.4

52 23.9 21.0 31.6



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



#42

1,2-Dichloroethane

Concen: 56.452 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012318.D

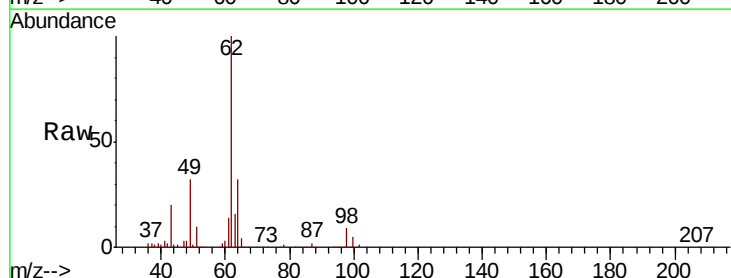
Acq: 29 Aug 2019 22:04

Tgt Ion: 62 Resp: 179270

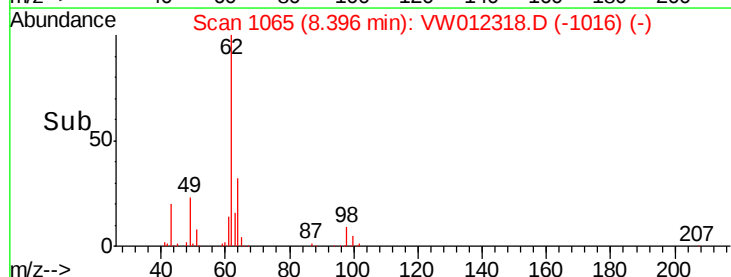
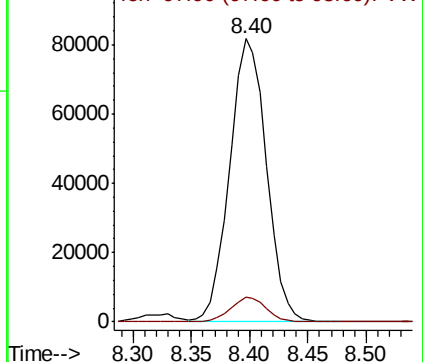
Ion Ratio Lower Upper

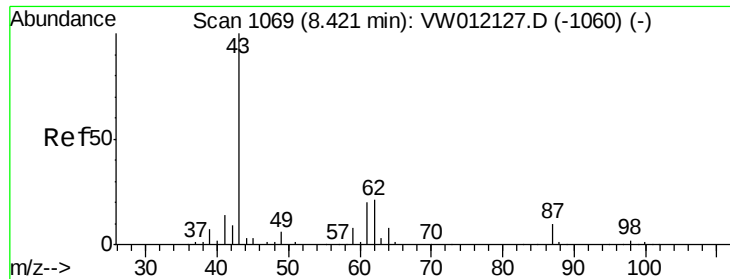
62 100

98 8.5 0.0 16.6



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





#43

Isopropyl Acetate

Concen: 58.763 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

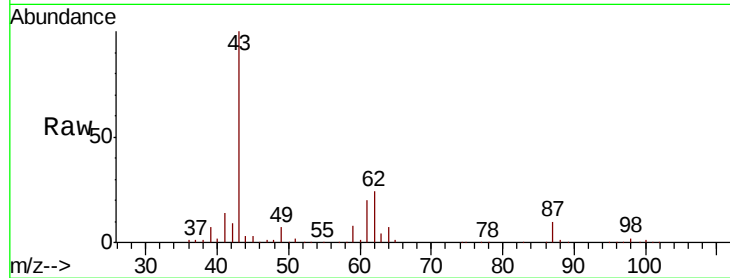
Tgt Ion: 43 Resp: 221338

Ion Ratio Lower Upper

43 100

61 26.7 21.1 31.7

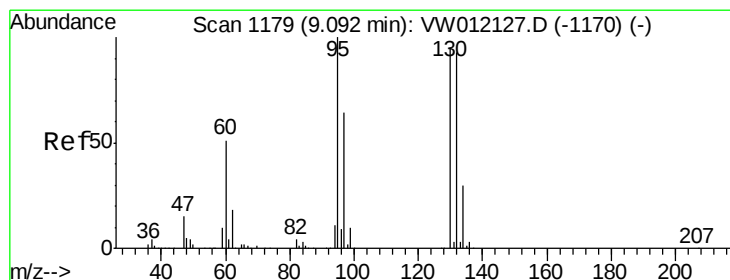
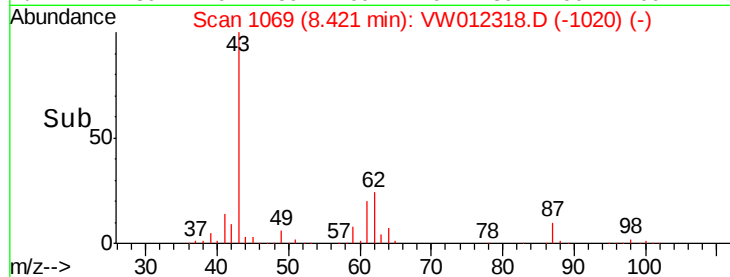
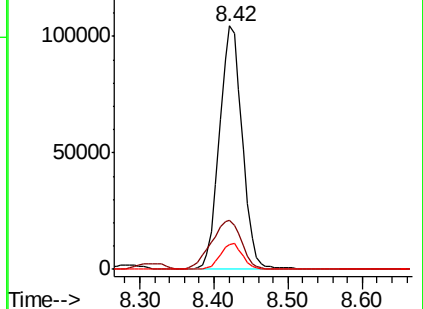
87 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 55.713 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012318.D

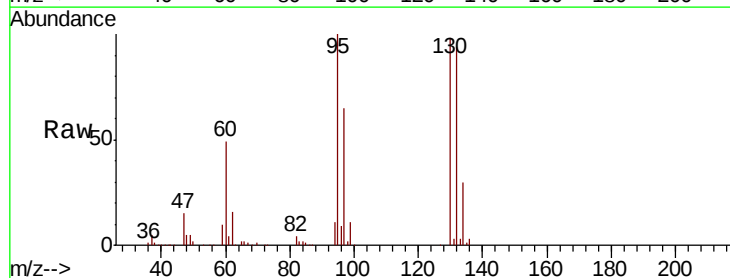
Acq: 29 Aug 2019 22:04

Tgt Ion: 130 Resp: 137231

Ion Ratio Lower Upper

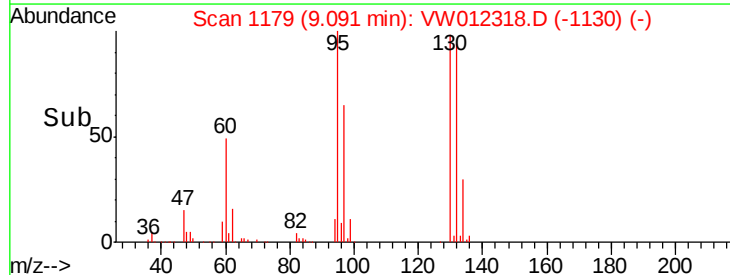
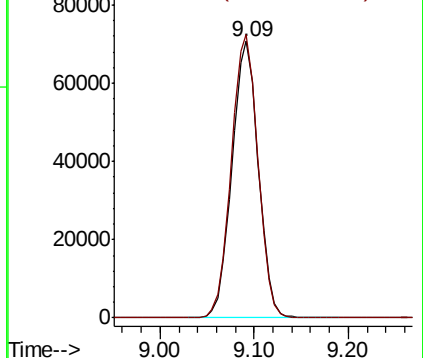
130 100

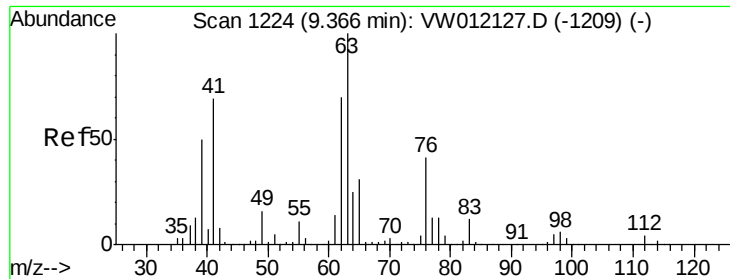
95 102.3 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 56.122 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

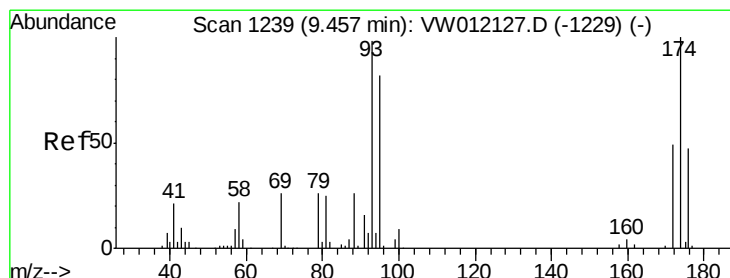
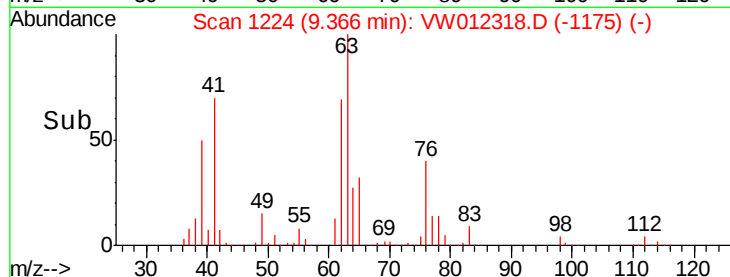
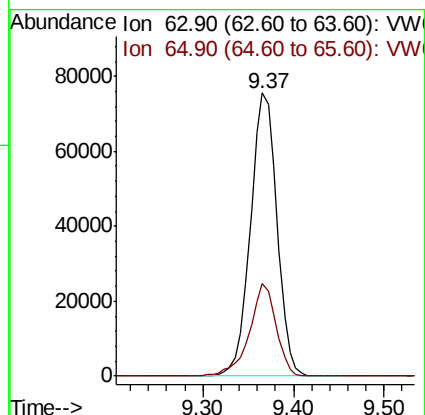
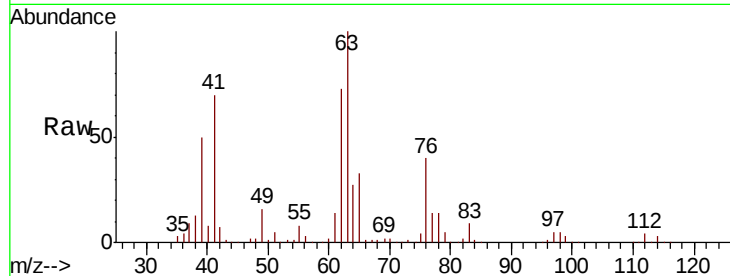
VSTDCCC050

Tgt Ion: 63 Resp: 153042

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 56.638 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

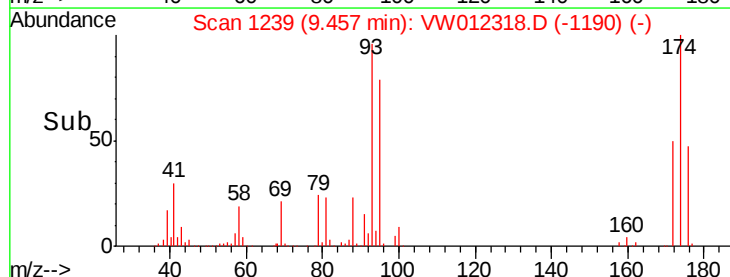
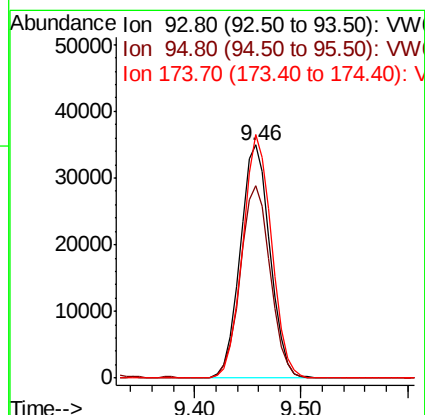
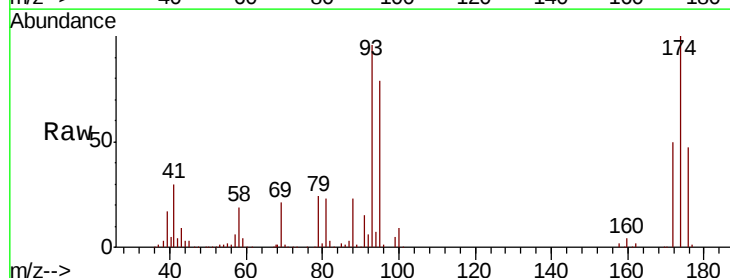
Tgt Ion: 93 Resp: 68719

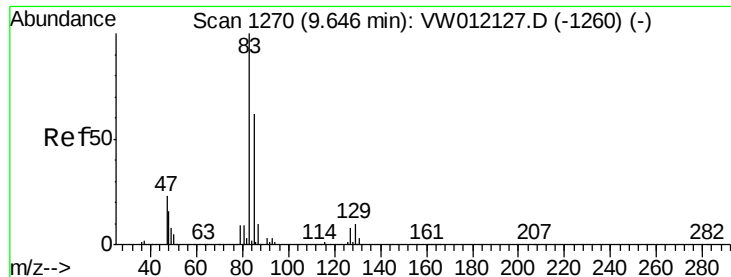
Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

174 101.4 79.0 118.6





#47

Bromodichloromethane

Concen: 56.717 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

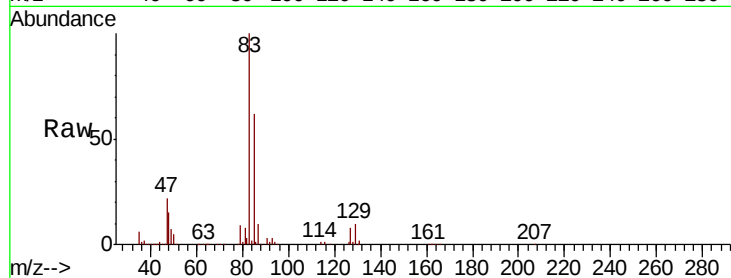
Tgt Ion: 83 Resp: 183148

Ion Ratio Lower Upper

83 100

85 62.5 49.4 74.2

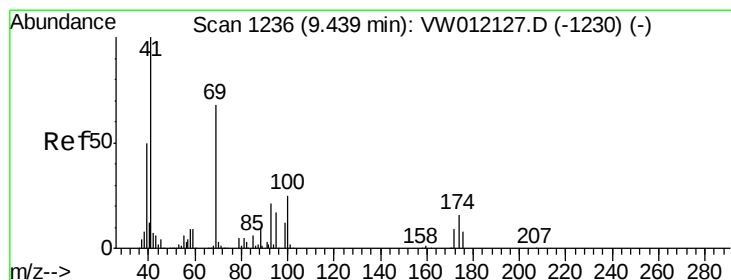
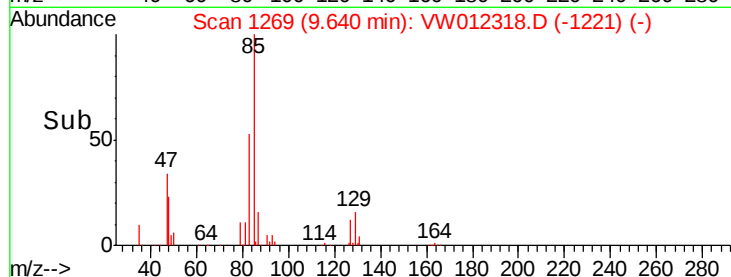
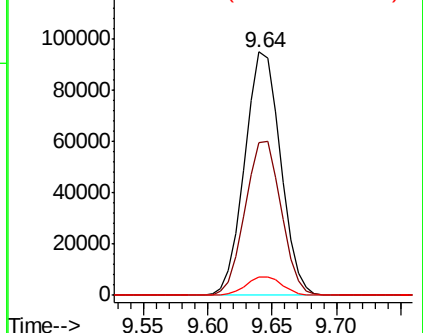
127 7.7 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 58.723 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

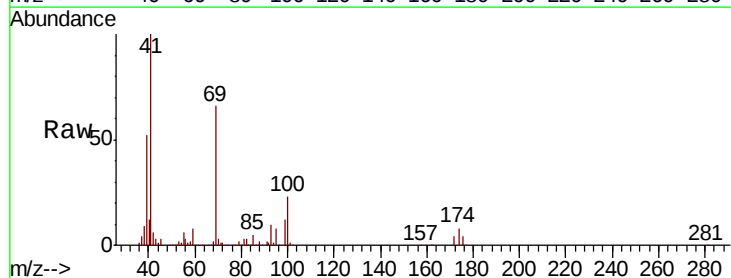
Tgt Ion: 41 Resp: 105273

Ion Ratio Lower Upper

41 100

69 72.0 56.7 85.1

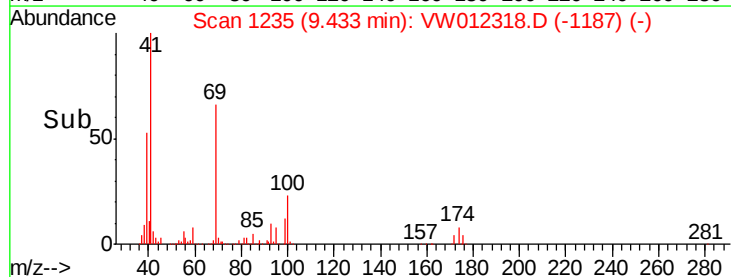
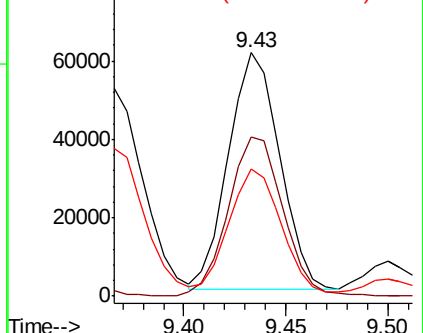
39 56.3 42.0 63.0

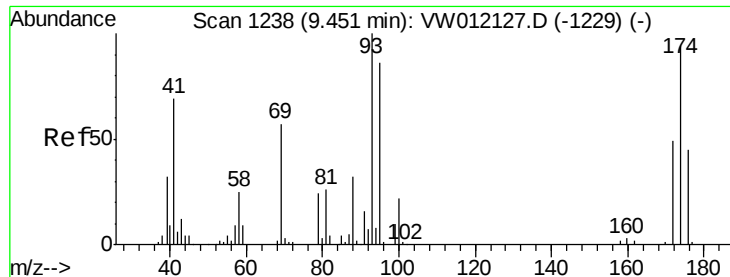


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1097.316 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

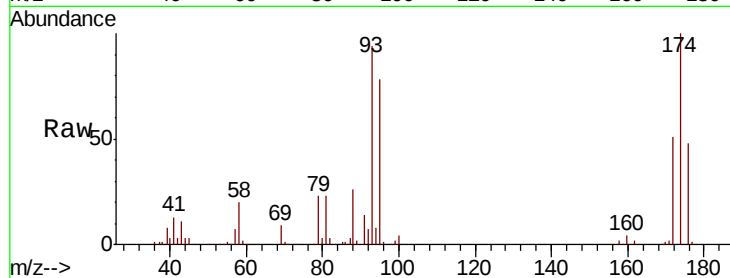
Tgt Ion: 88 Resp: 20382

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 86.4 71.0 106.4

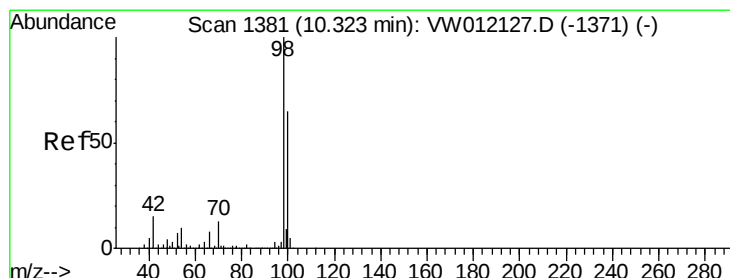
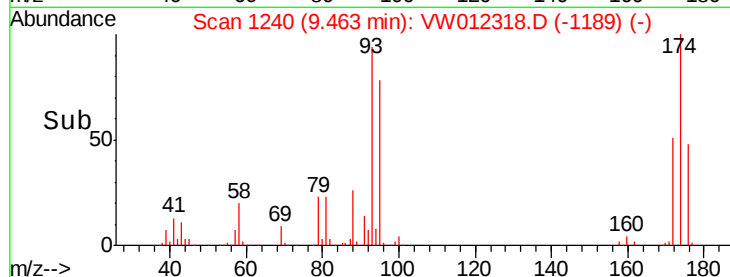
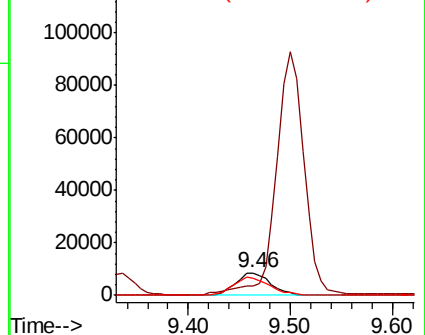


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.087 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012318.D

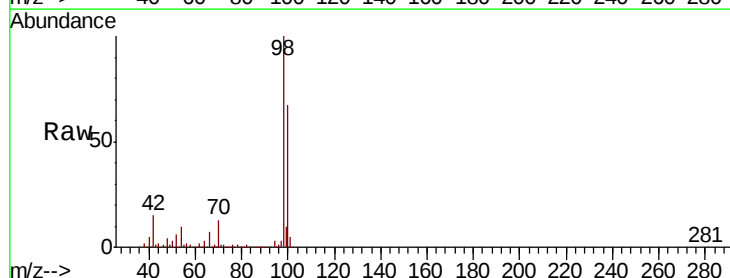
Acq: 29 Aug 2019 22:04

Tgt Ion: 98 Resp: 443991

Ion Ratio Lower Upper

98 100

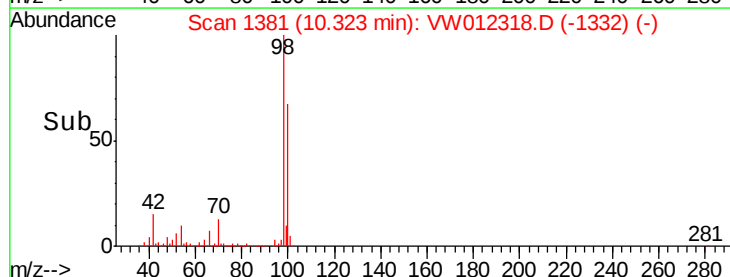
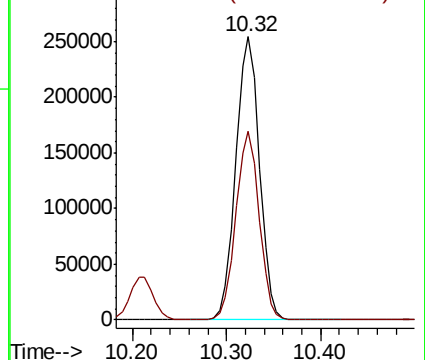
100 65.5 52.4 78.6



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

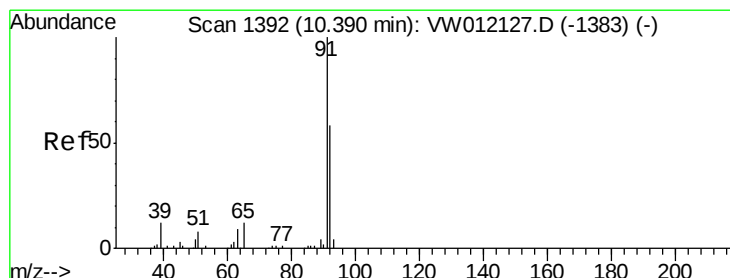
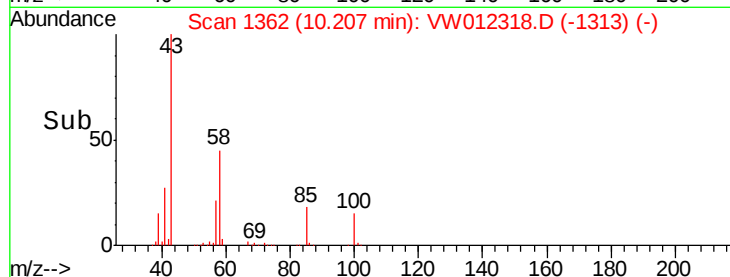
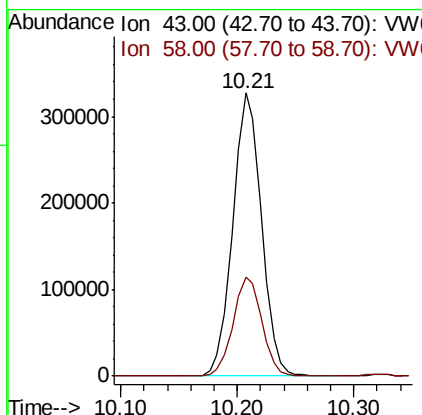
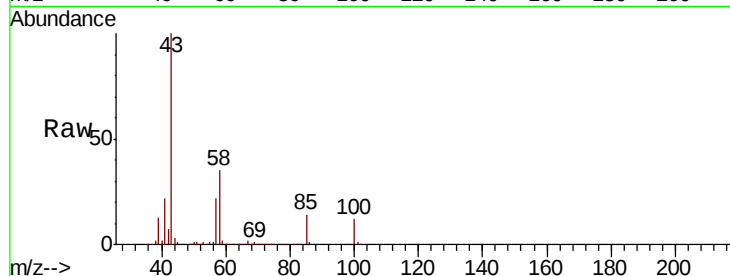




#51
 4-Methyl-2-Pentanone
 Concen: 292.535 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

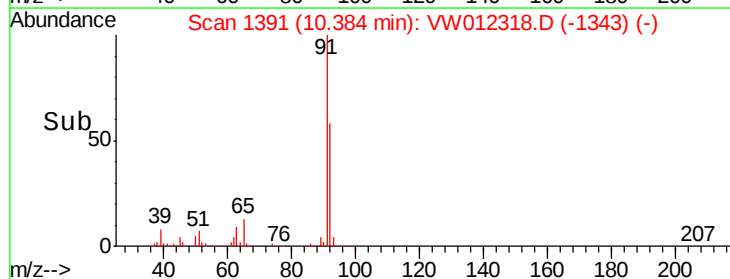
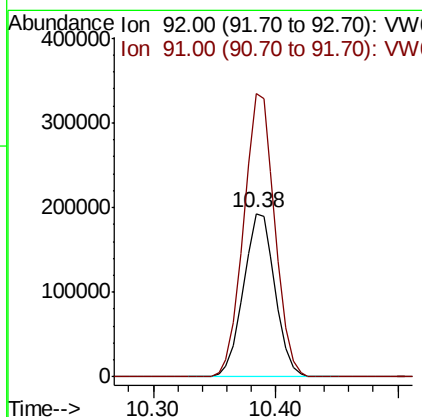
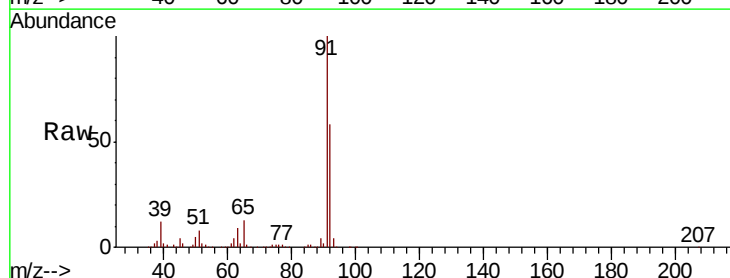
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

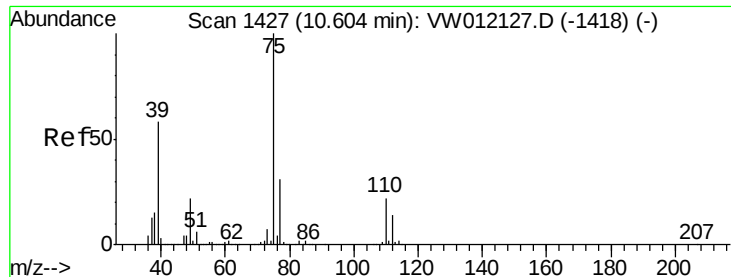
Tgt Ion: 43 Resp: 560439
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.2 42.2



#52
 Toluene
 Concen: 56.620 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 92 Resp: 344649
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 56.959 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

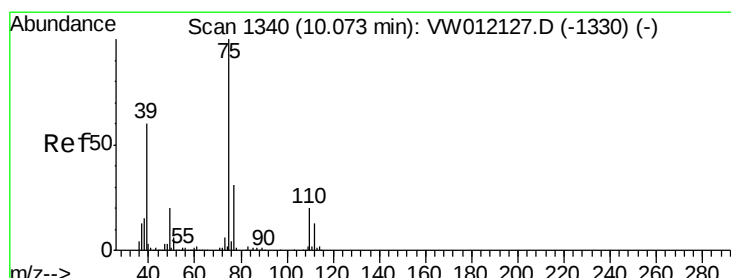
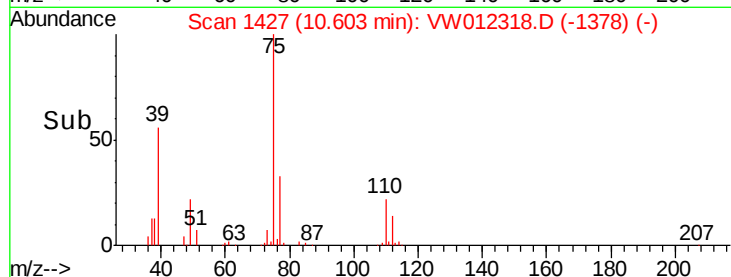
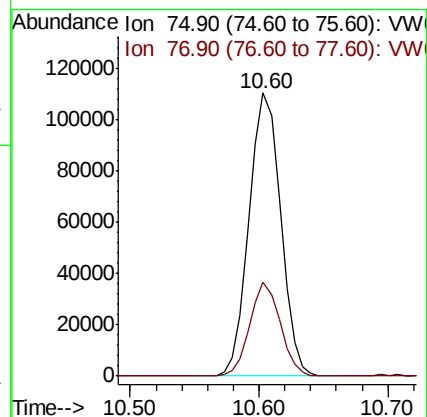
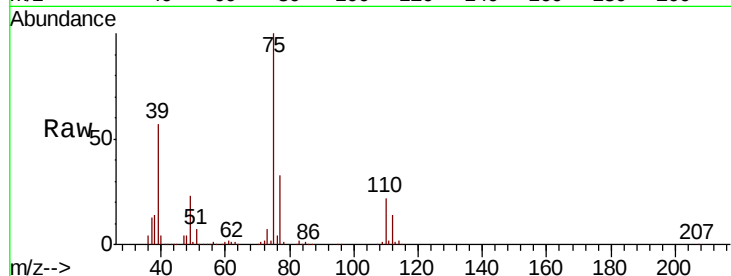
VSTDCCC050

Tgt Ion: 75 Resp: 187353

Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 57.173 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

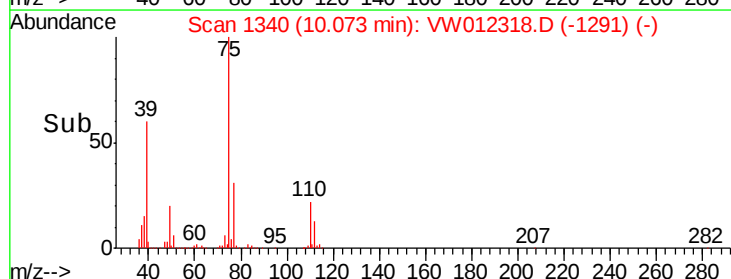
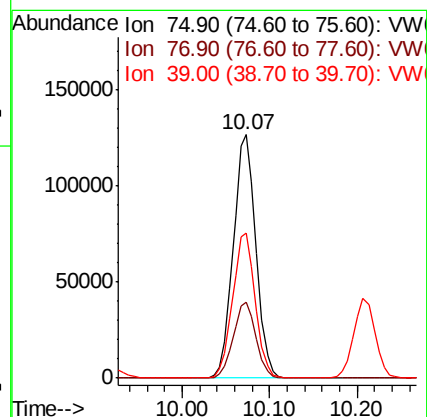
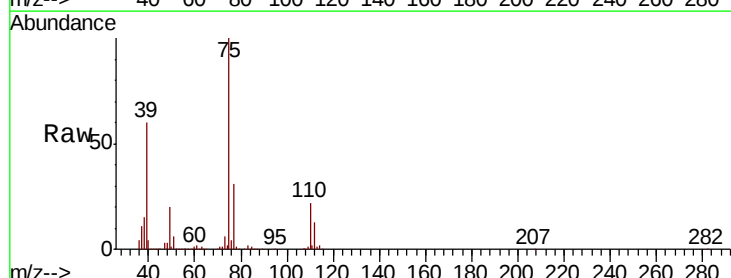
Tgt Ion: 75 Resp: 227071

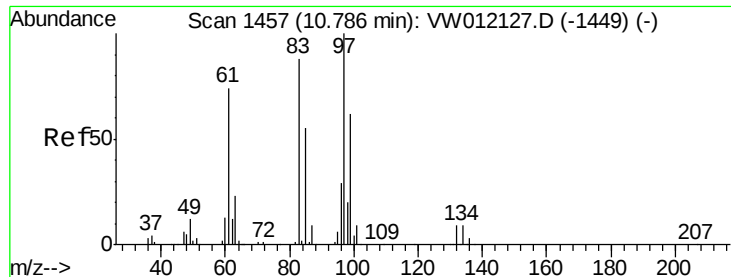
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 59.5 48.3 72.5

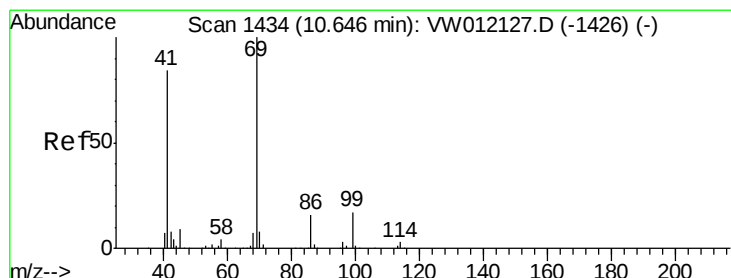
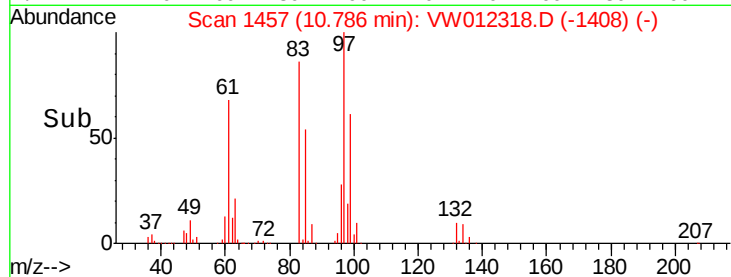
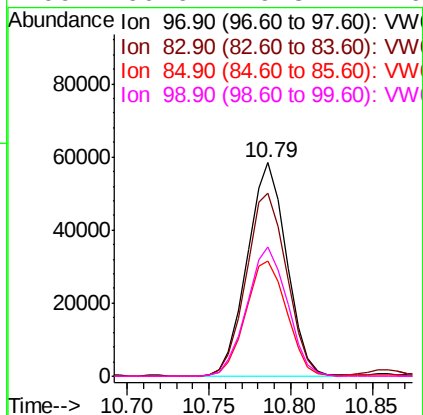
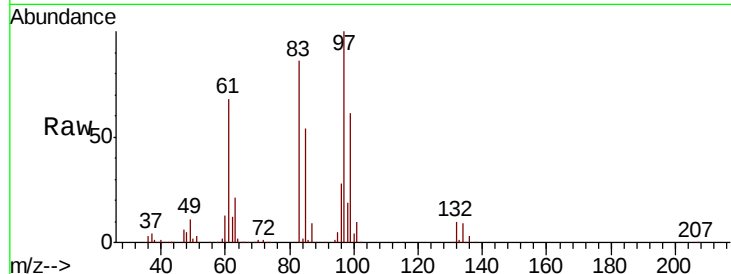




#55
 1,1,2-Trichloroethane
 Concen: 57.298 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

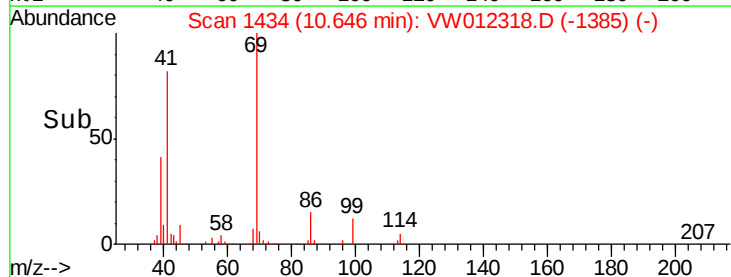
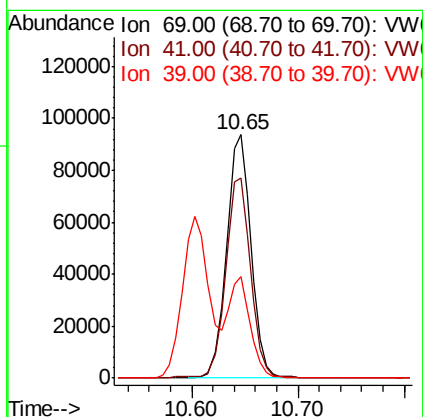
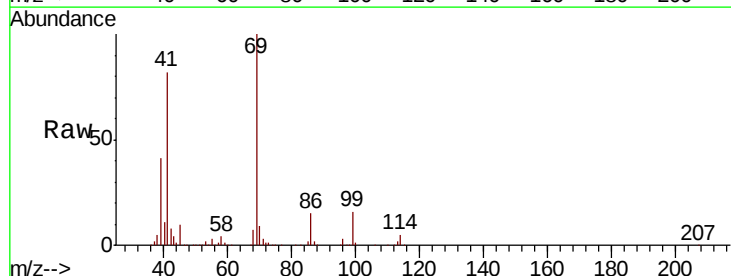
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

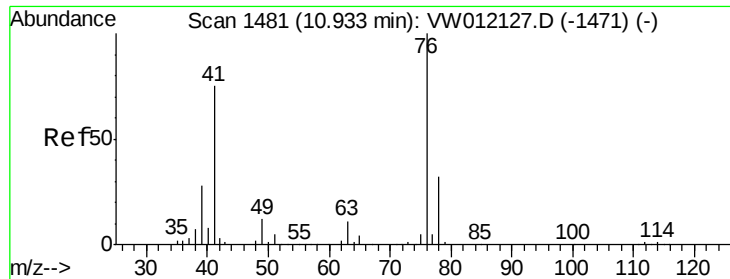
Tgt Ion:	97	Resp:	98362
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.8	106.2
85	54.0	43.8	65.8
99	60.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 60.132 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion:	69	Resp:	150238
Ion	Ratio	Lower	Upper
69	100		
41	84.1	66.5	99.7
39	36.6	31.0	46.4

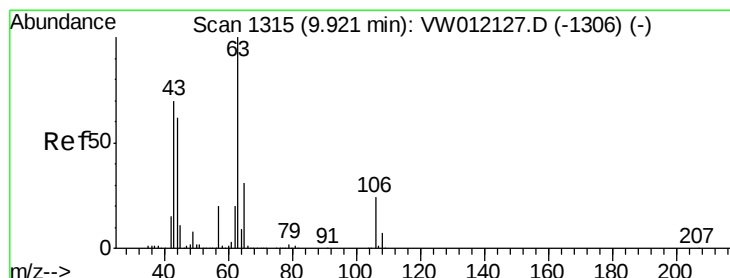
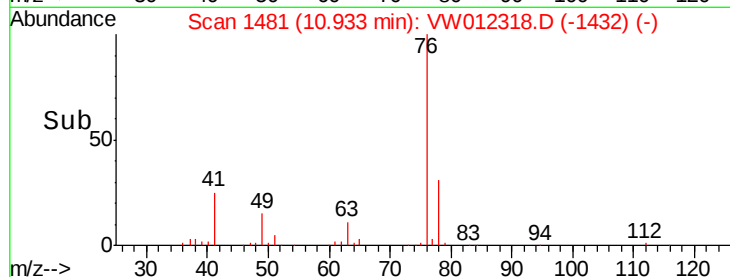
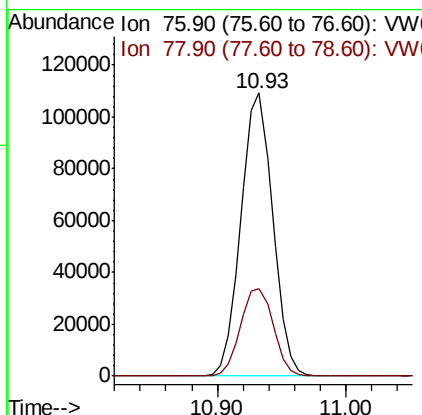
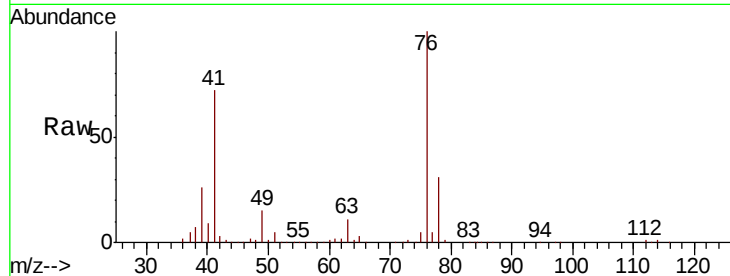




#57
 1,3-Dichloropropane
 Concen: 57.668 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

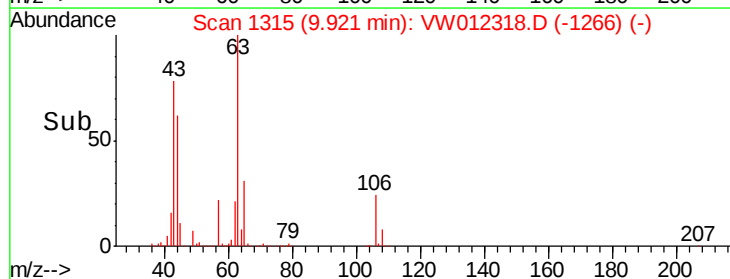
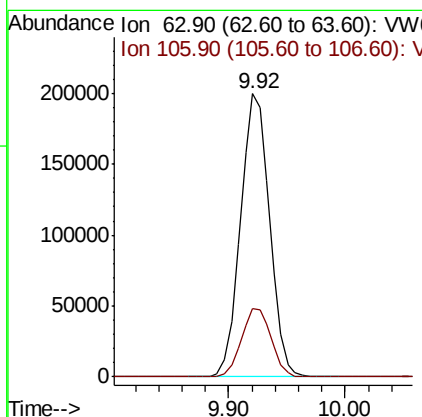
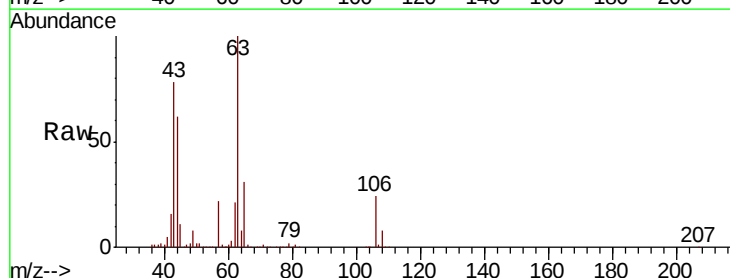
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 187079
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.218 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 63 Resp: 347775
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.8 29.8

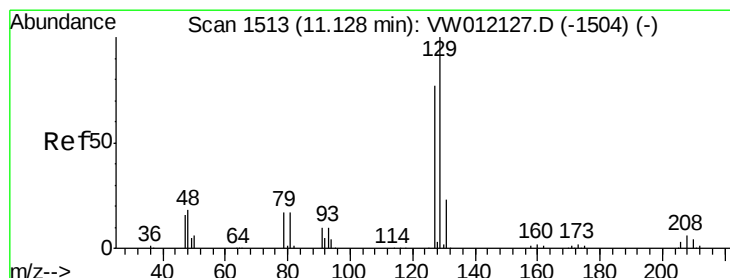
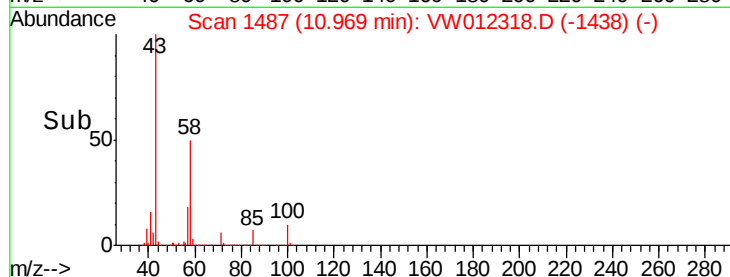
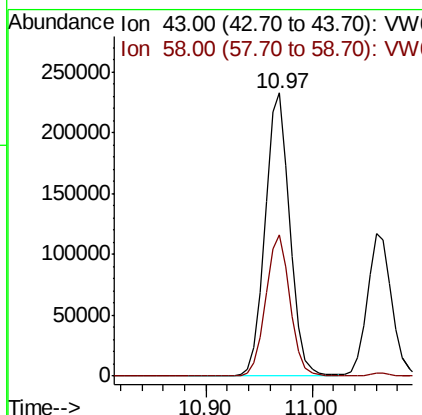
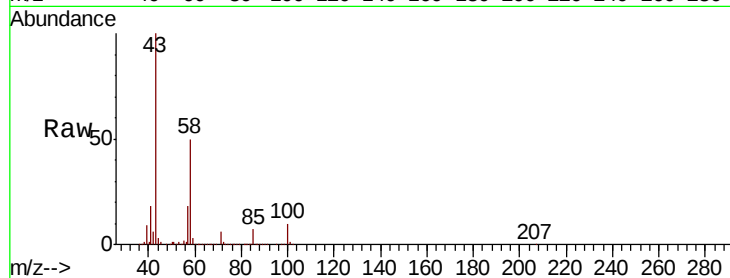




#59
2-Hexanone
Concen: 277.663 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

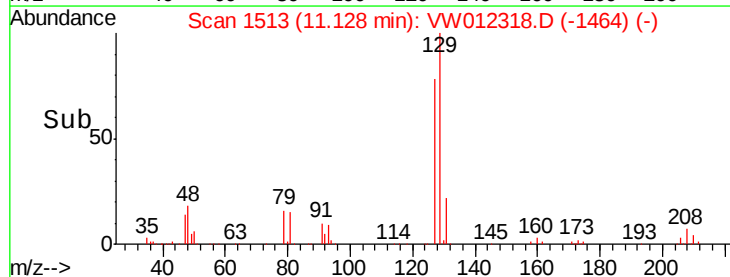
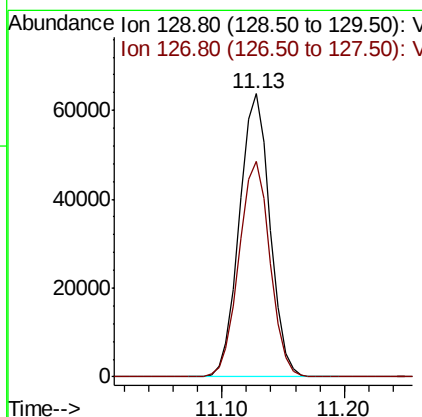
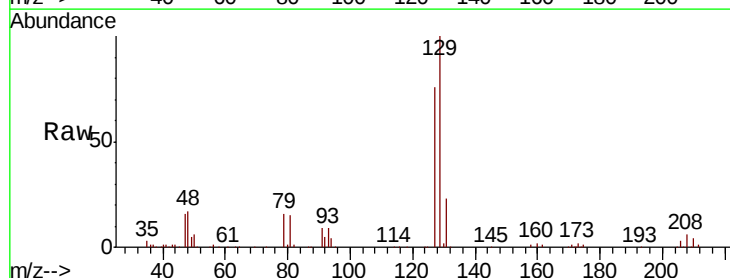
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 376388
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 57.825 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 129 Resp: 110566
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

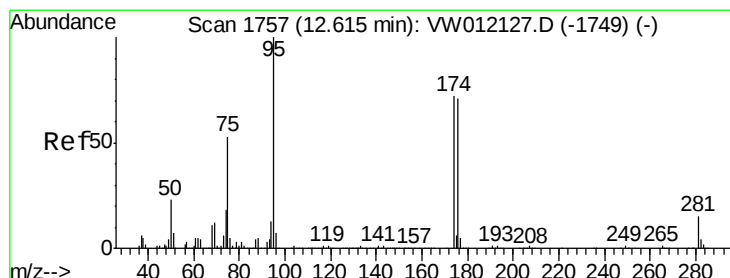
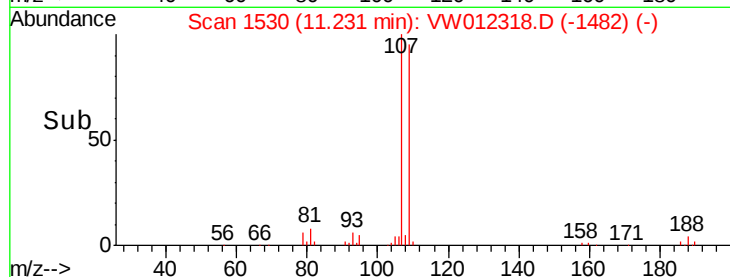
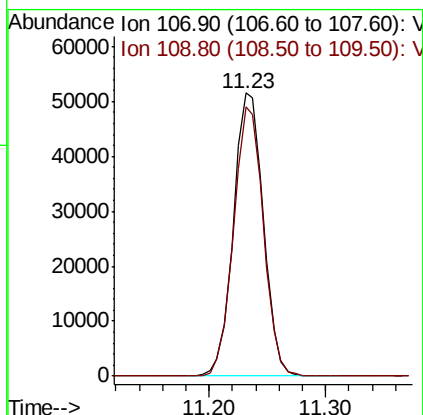
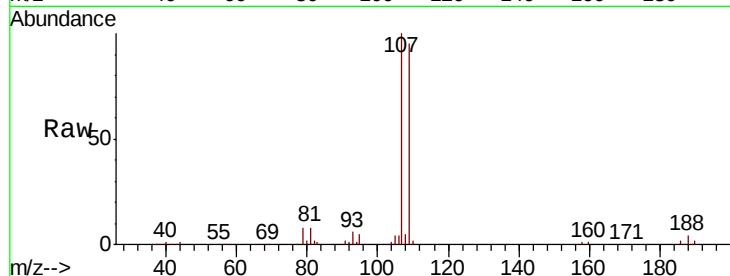




#61
 1,2-Dibromoethane
 Concen: 57.546 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

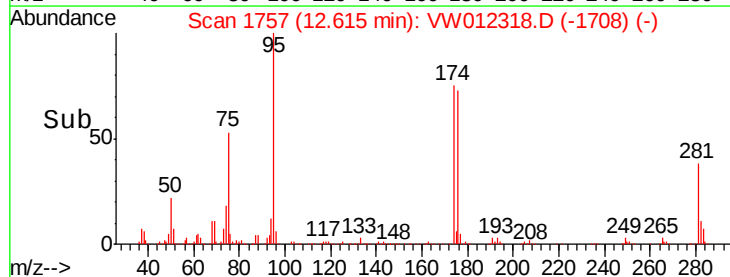
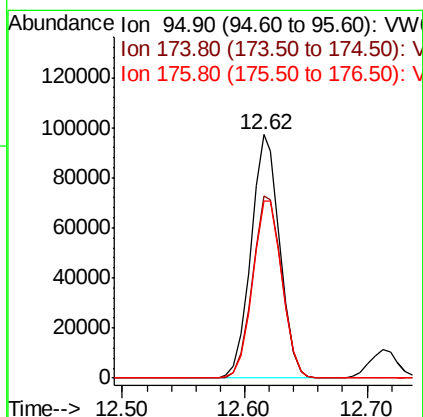
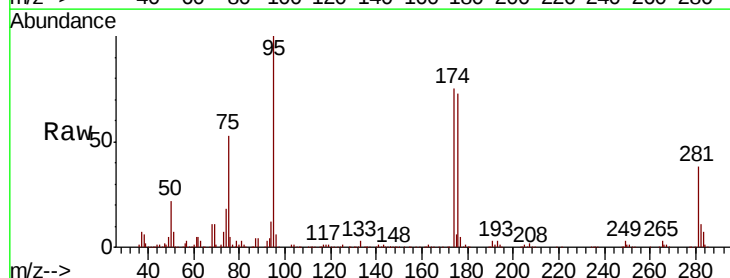
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

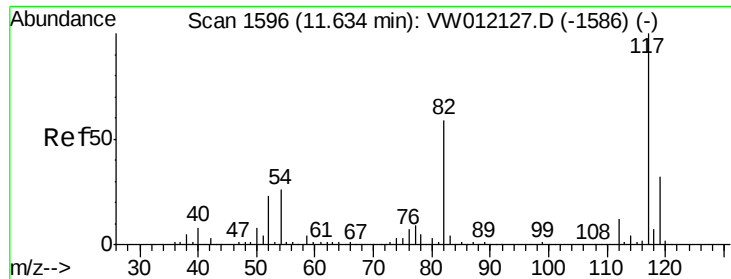
Tgt Ion: 107 Resp: 92033
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.799 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 95 Resp: 158688
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.8
 176 75.0 0.0 148.6

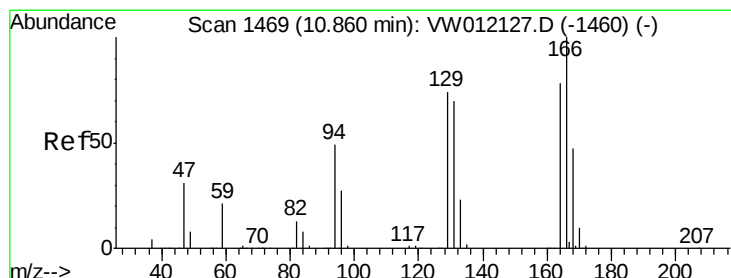
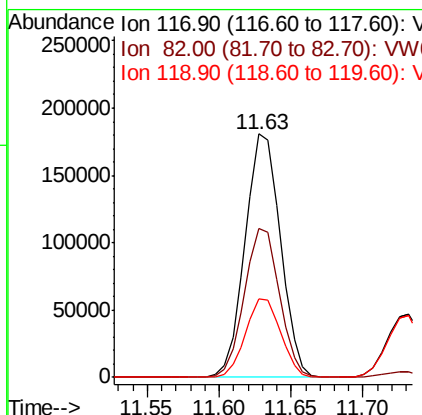
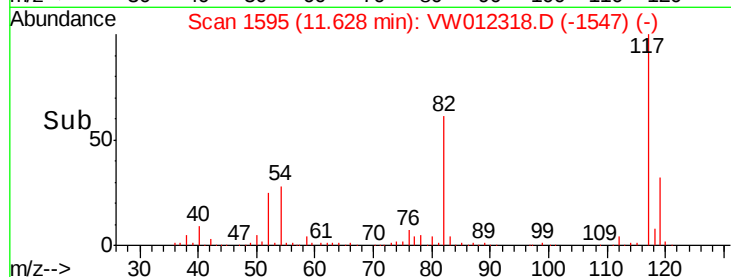
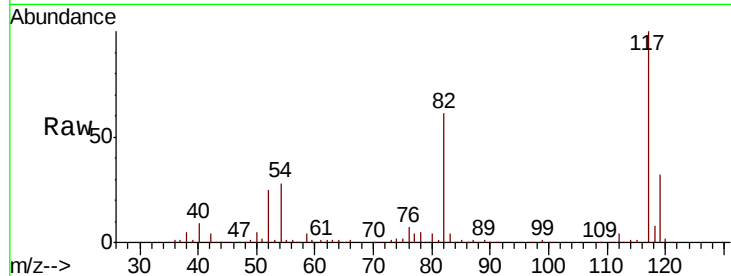




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

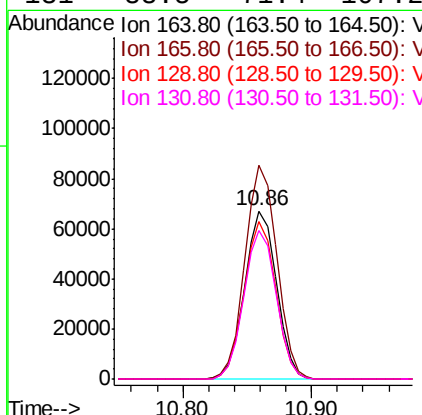
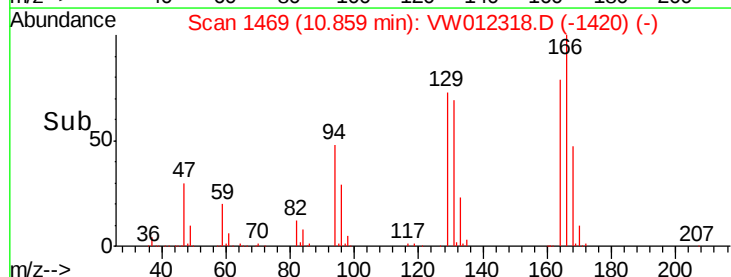
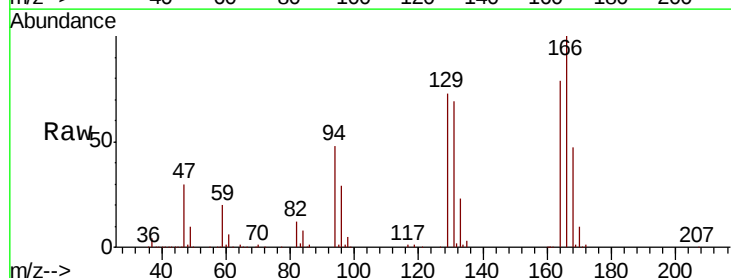
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

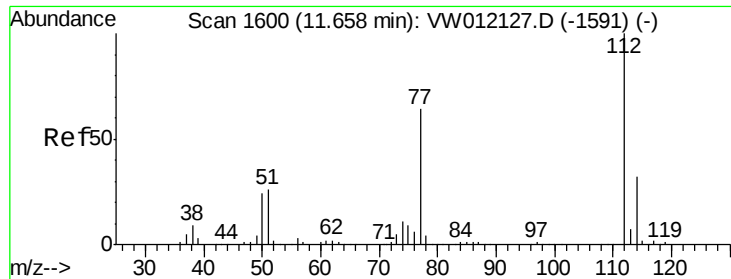
Tgt Ion:117 Resp: 307336
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 57.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion:164 Resp: 114446
Ion Ratio Lower Upper
164 100
166 127.3 102.4 153.6
129 93.5 75.8 113.6
131 88.5 71.4 107.2

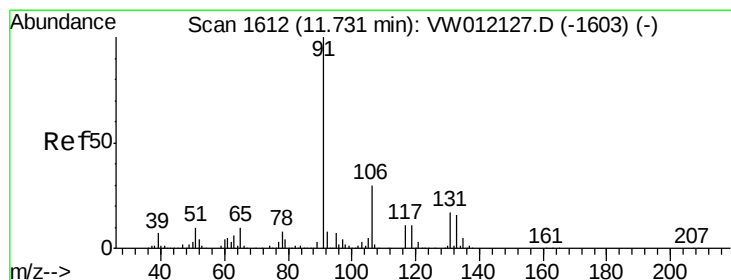
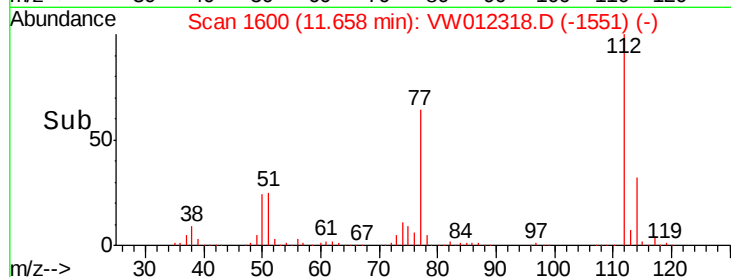
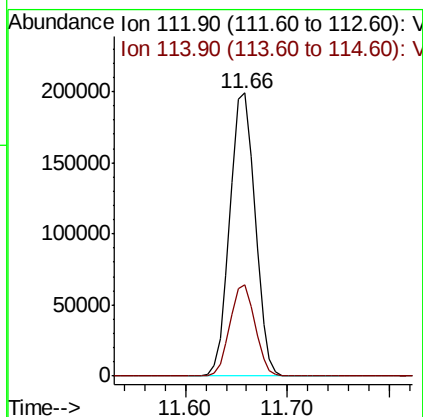
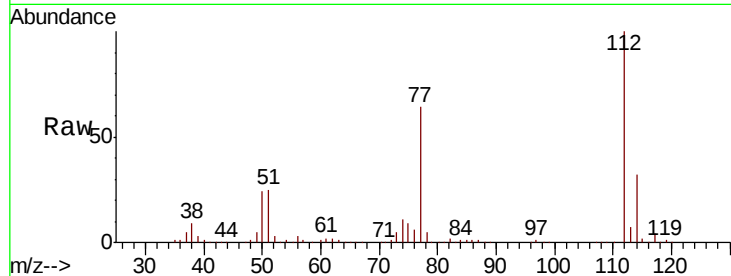




#65
Chlorobenzene
Concen: 56.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

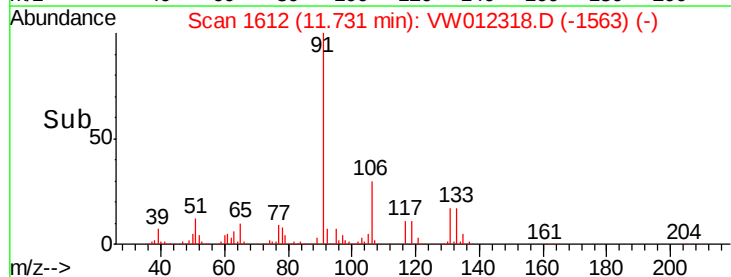
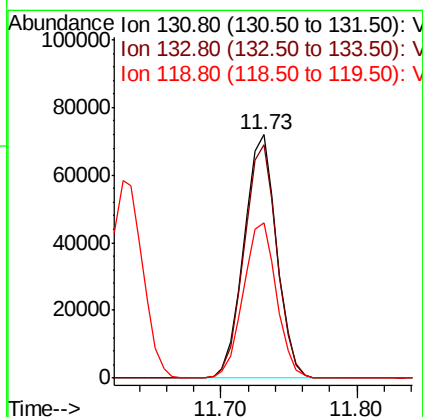
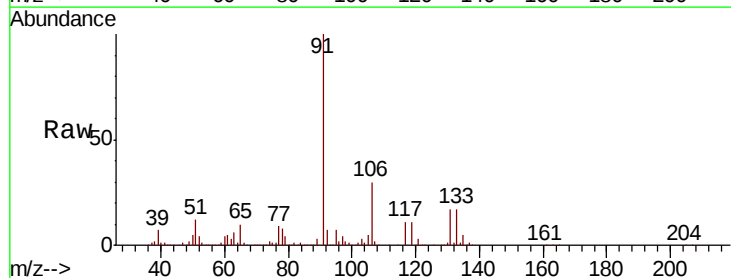
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 340860
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.288 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion:131 Resp: 120946
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 64.7 31.8 95.3

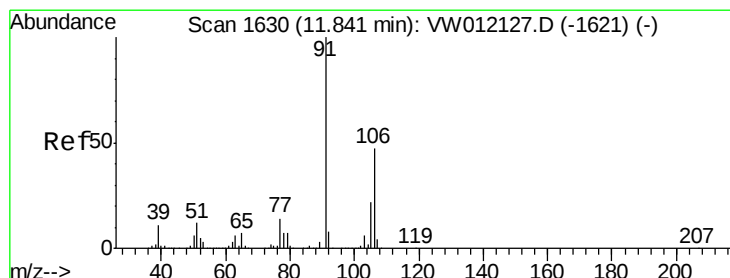
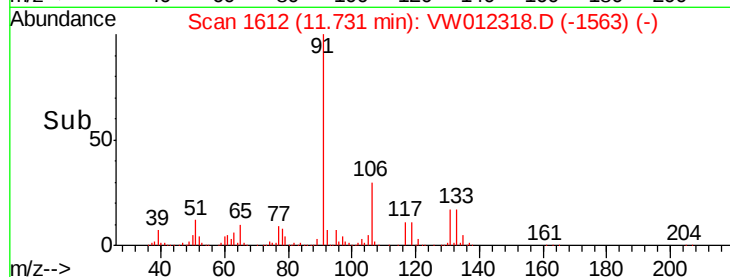
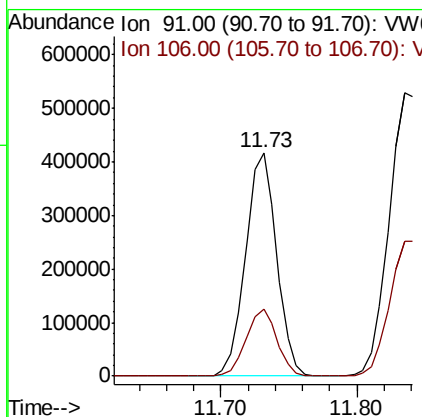
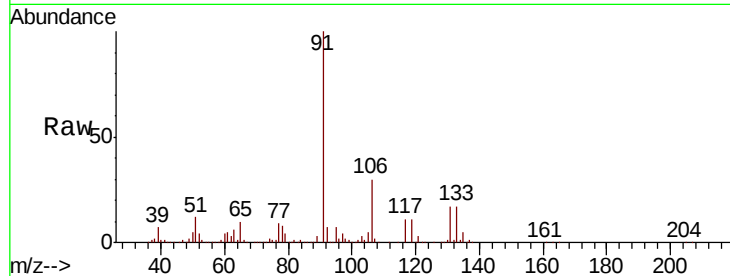




#67
Ethyl Benzene
Concen: 57.292 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

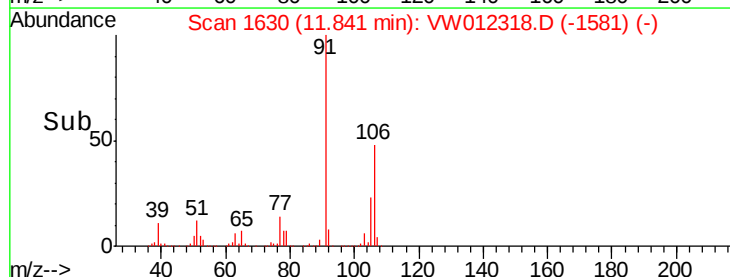
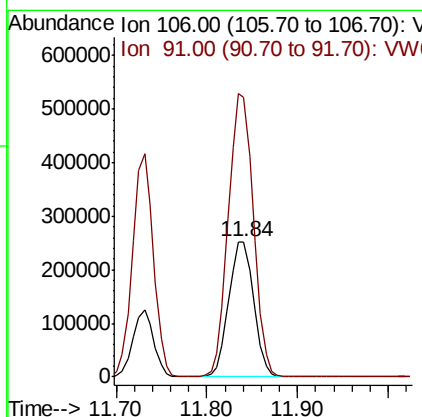
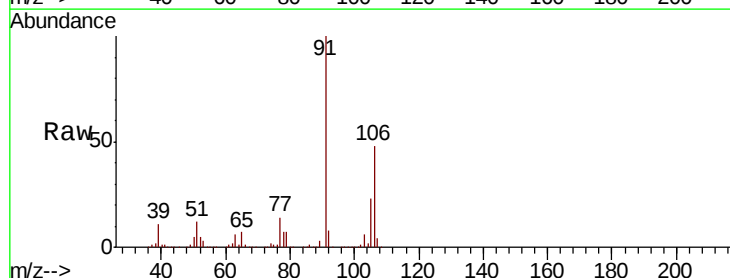
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 667892
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 114.826 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 106 Resp: 482179
Ion Ratio Lower Upper
106 100
91 210.4 169.5 254.3

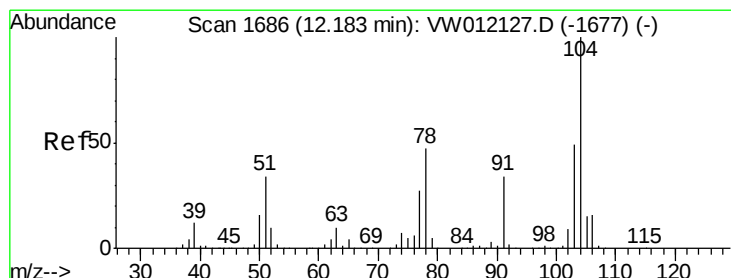
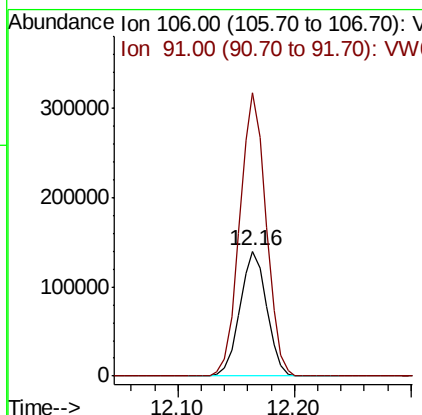
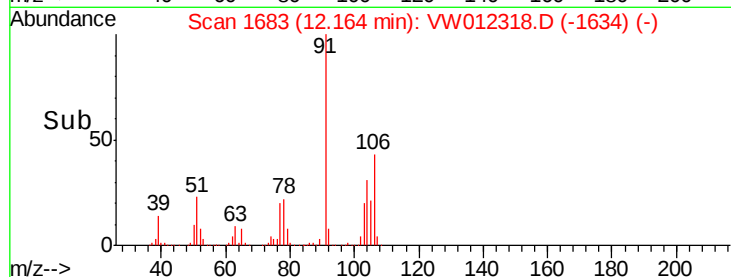
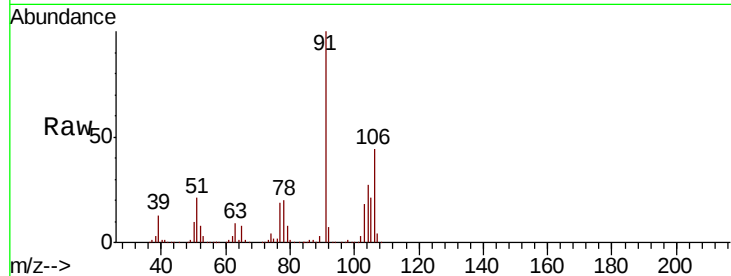




#69
o-Xylene
Concen: 57.713 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

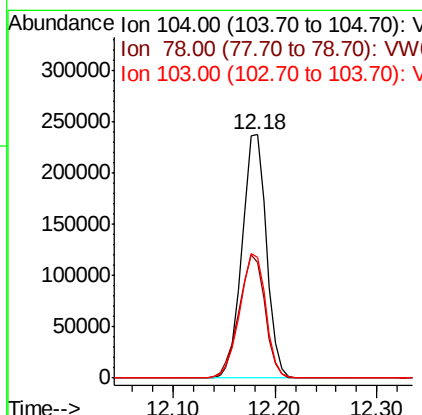
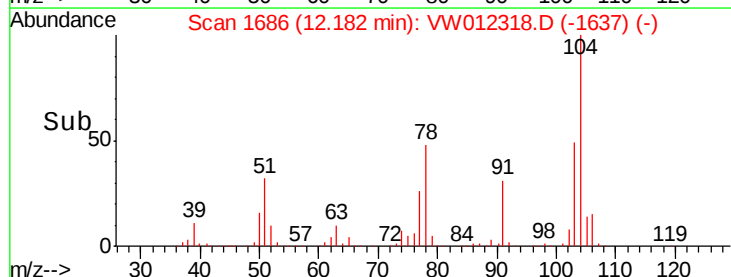
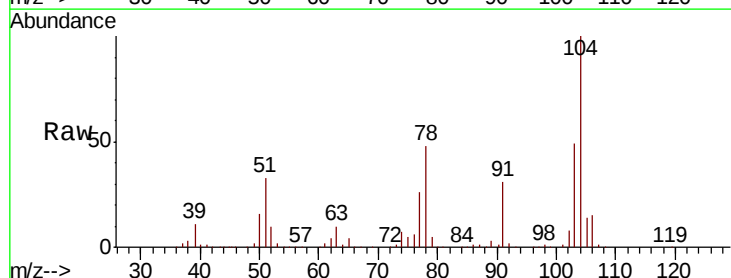
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

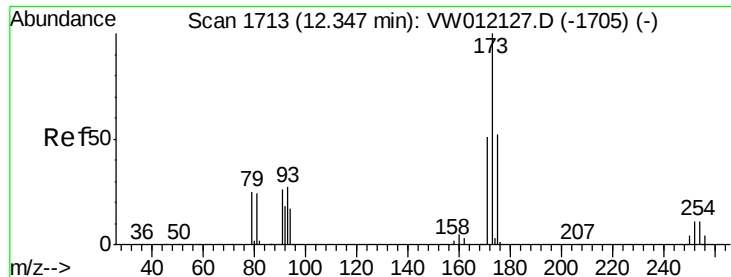
Tgt Ion:106 Resp: 224301
Ion Ratio Lower Upper
106 100
91 223.9 111.6 334.6



#70
Styrene
Concen: 58.503 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion:104 Resp: 393555
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 54.6 43.5 65.3





#71

Bromoform

Concen: 59.118 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

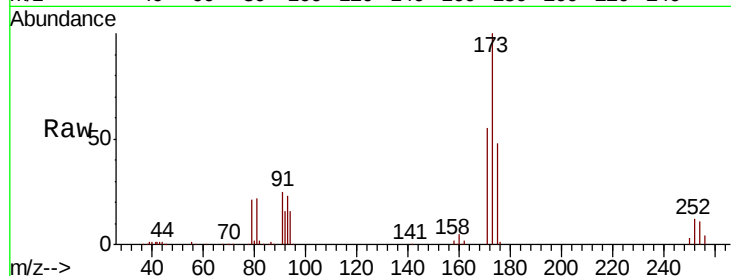
Tgt Ion:173 Resp: 62184

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

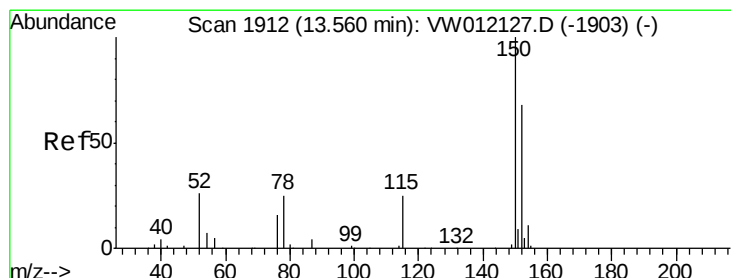
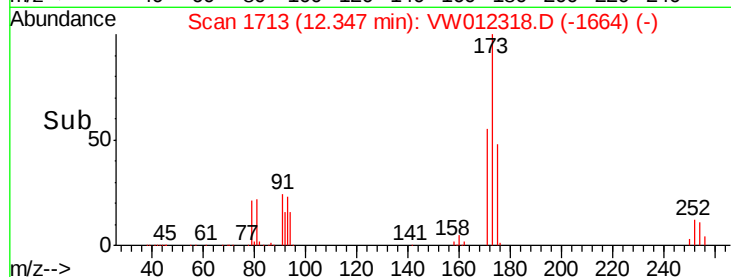
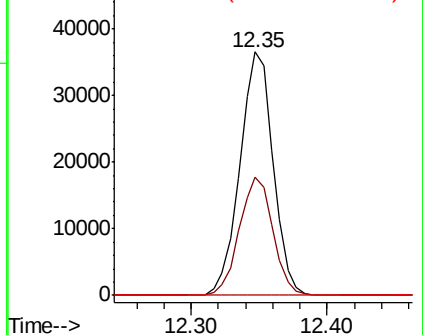
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

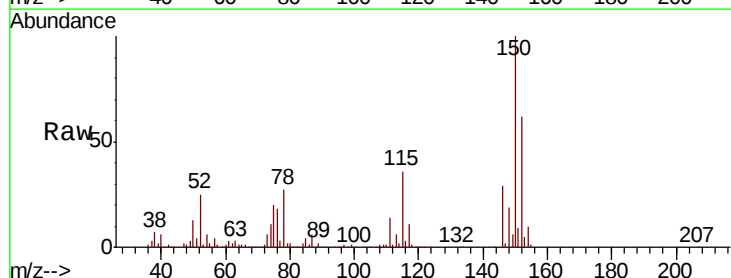
Tgt Ion:152 Resp: 146411

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

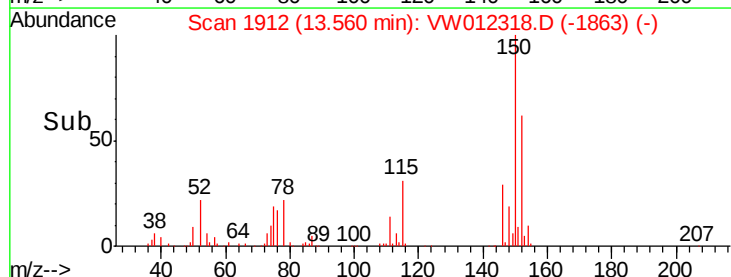
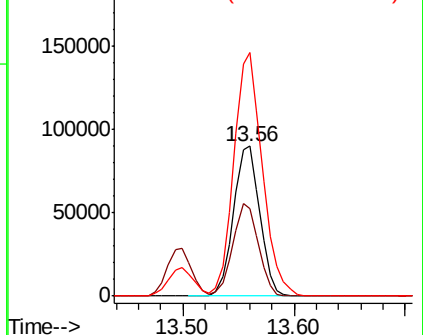
150 175.9 0.0 345.8

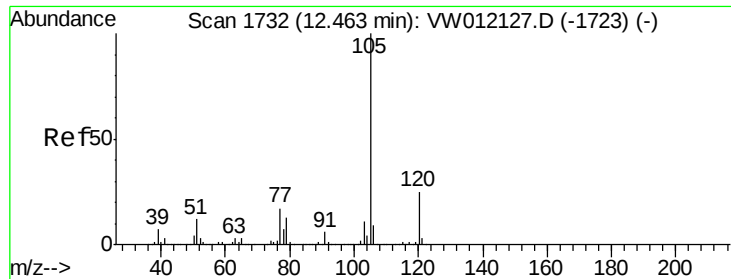


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.425 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

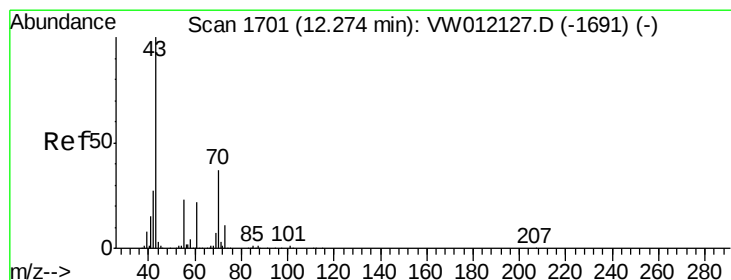
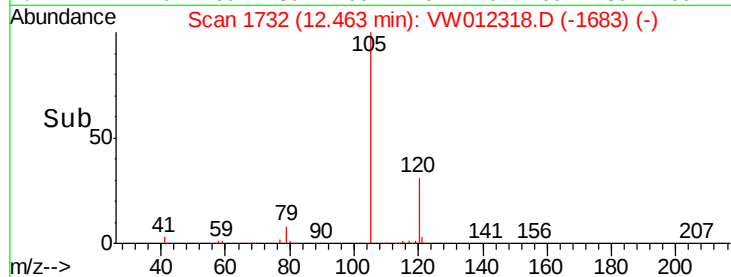
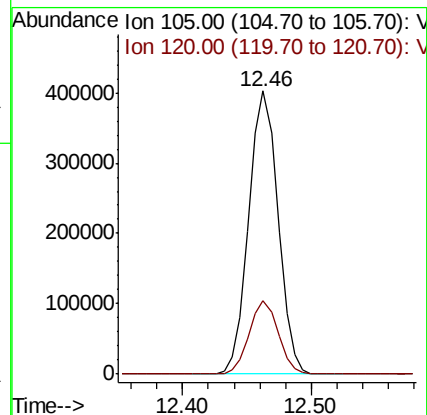
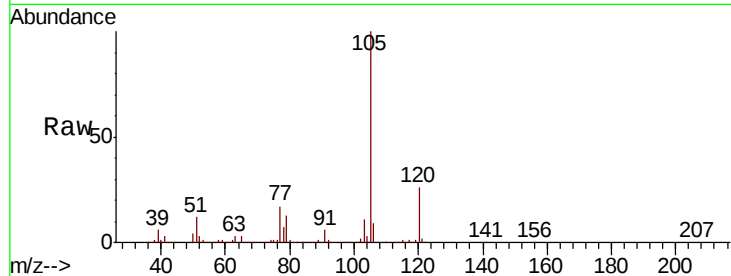
VSTDCCC050

Tgt Ion:105 Resp: 629995

Ion Ratio Lower Upper

105 100

120 25.6 12.5 37.5



#74

N-ethyl acetate

Concen: 60.854 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion: 43 Resp: 201704

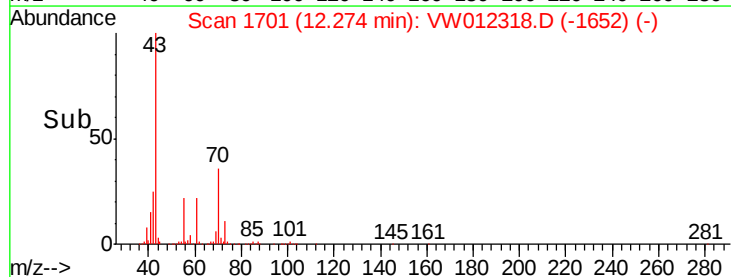
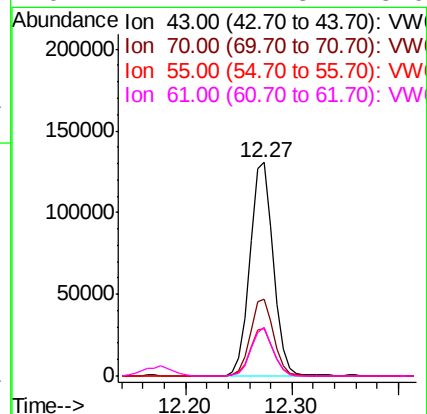
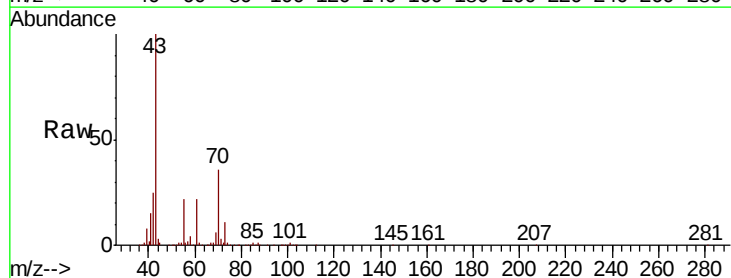
Ion Ratio Lower Upper

43 100

70 36.0 28.6 43.0

55 22.0 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.393 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

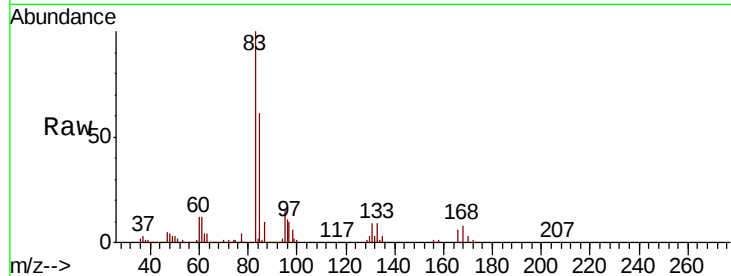
Tgt Ion: 83 Resp: 115433

Ion Ratio Lower Upper

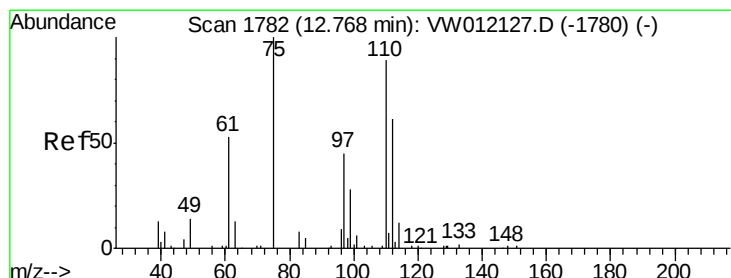
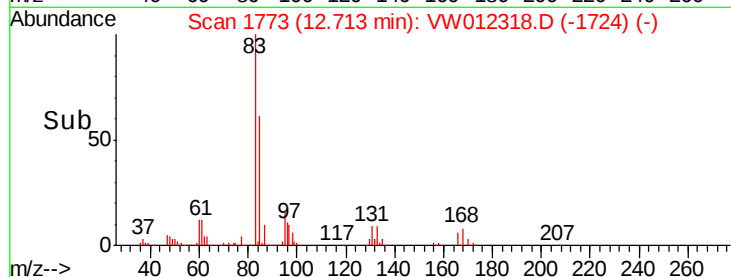
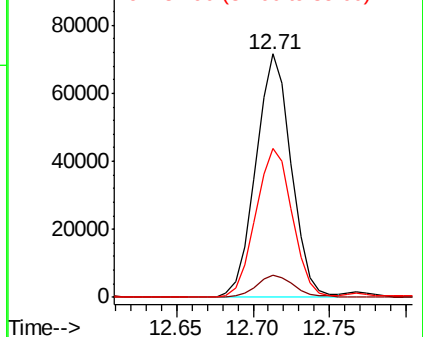
83 100

131 9.8 4.9 14.7

85 63.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 108.226 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012318.D

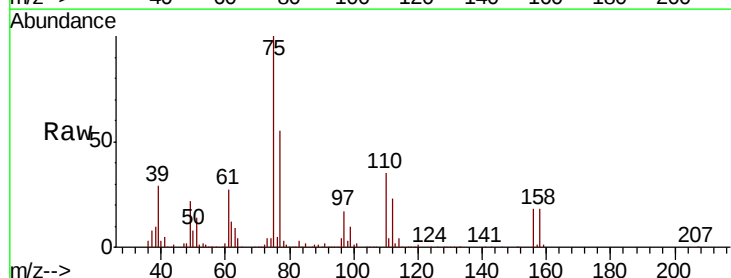
Acq: 29 Aug 2019 22:04

Tgt Ion: 75 Resp: 154324

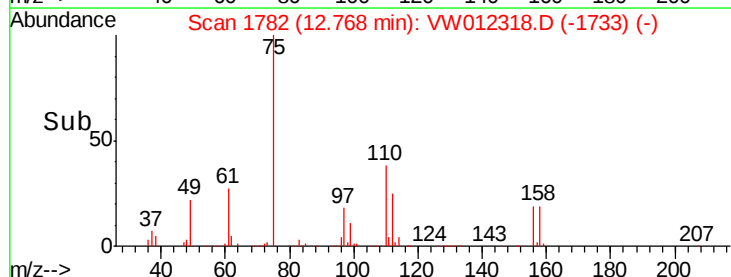
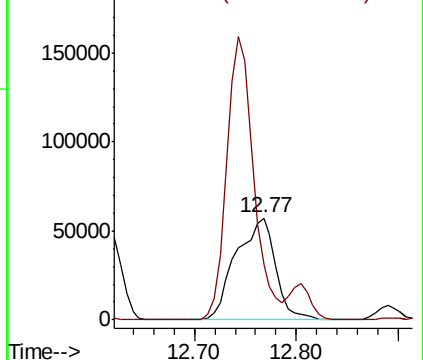
Ion Ratio Lower Upper

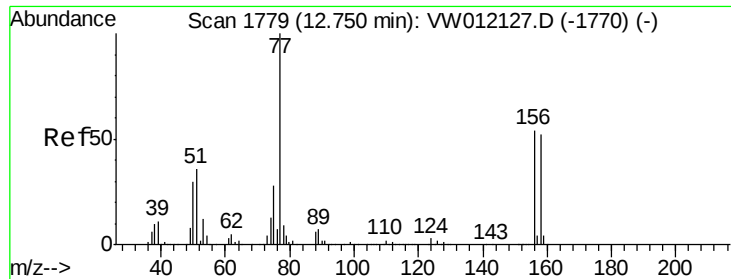
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

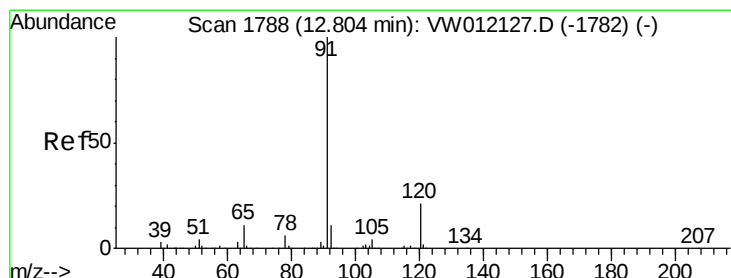
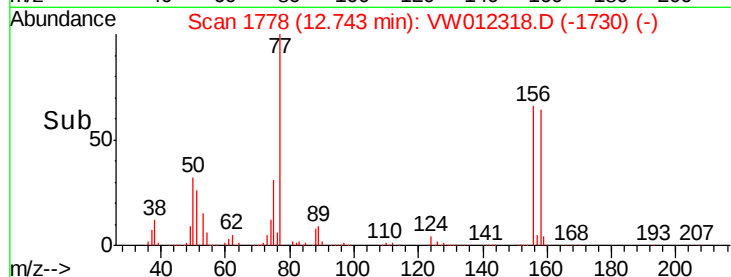
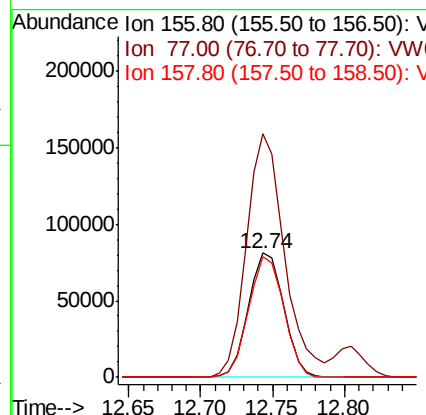
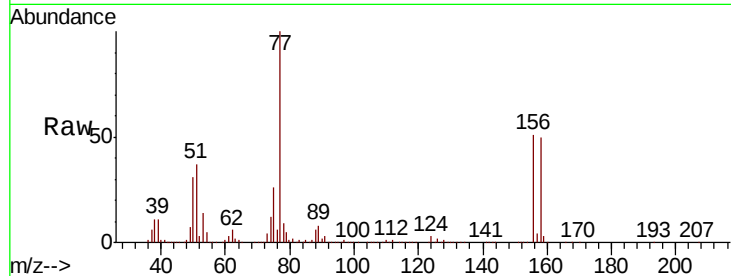




#77
Bromobenzene
Concen: 58.063 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

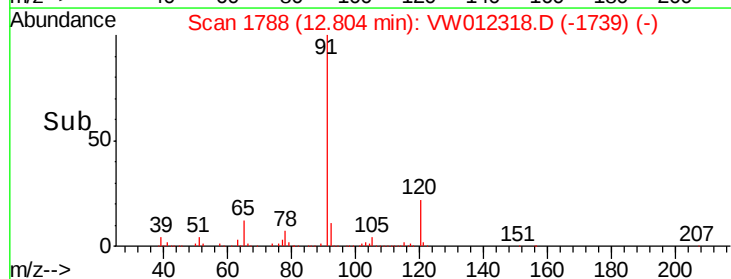
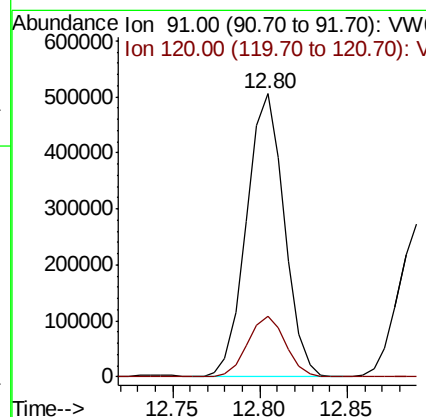
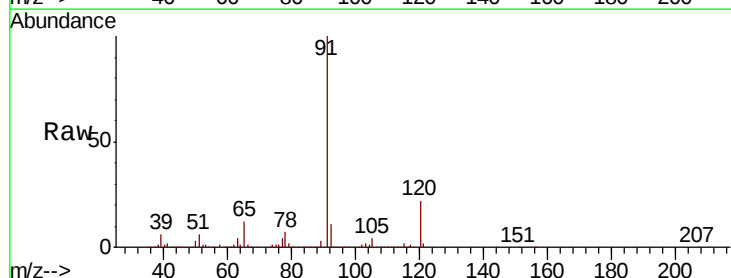
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

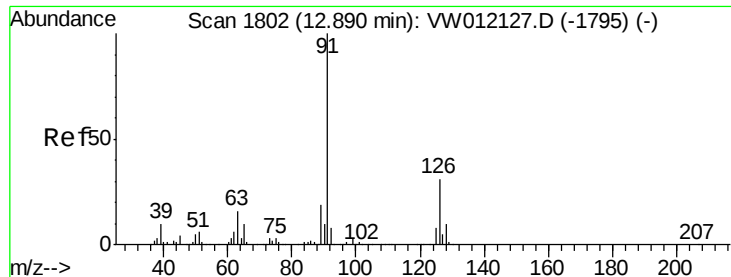
Tgt Ion:156 Resp: 137808
Ion Ratio Lower Upper
156 100
77 210.9 107.3 321.8
158 96.5 49.0 147.0



#78
n-propylbenzene
Concen: 56.983 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 91 Resp: 763185
Ion Ratio Lower Upper
91 100
120 21.6 10.5 31.6





#79

2-Chlorotoluene

Concen: 57.336 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

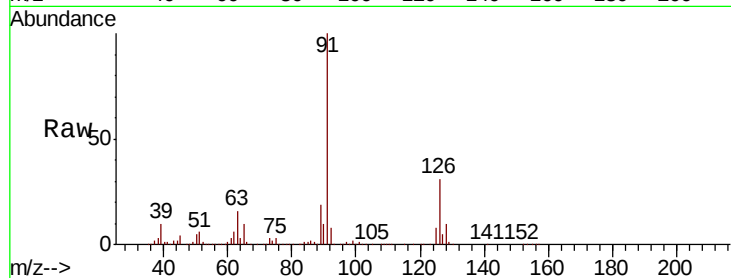
VSTDCCC050

Tgt Ion: 91 Resp: 435974

Ion Ratio Lower Upper

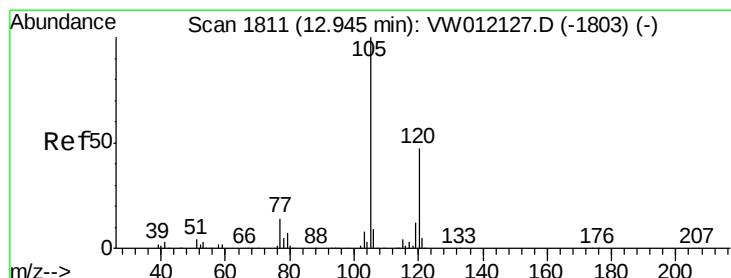
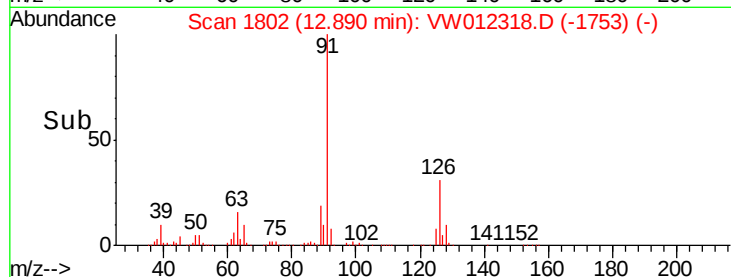
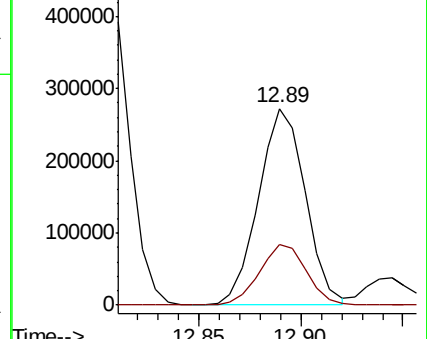
91 100

126 31.0 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.202 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012318.D

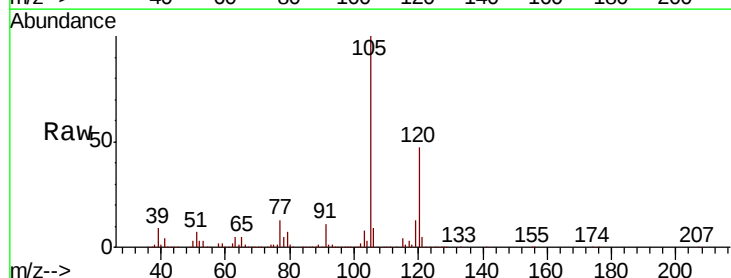
Acq: 29 Aug 2019 22:04

Tgt Ion: 105 Resp: 533547

Ion Ratio Lower Upper

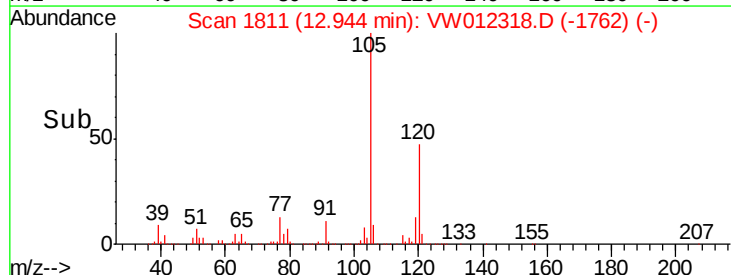
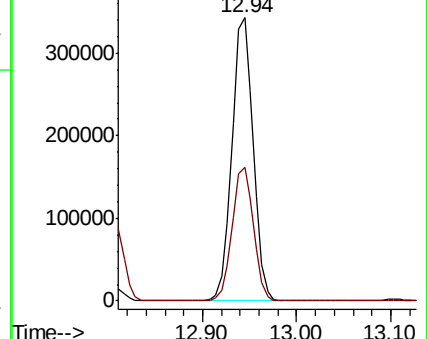
105 100

120 47.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

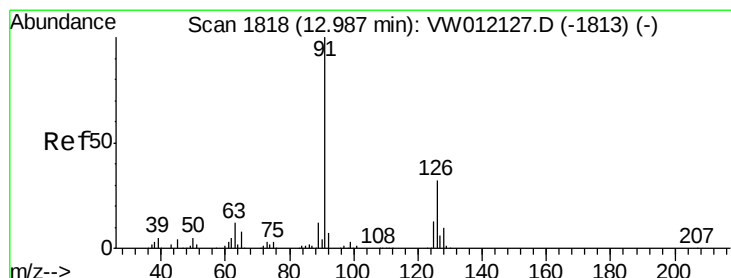
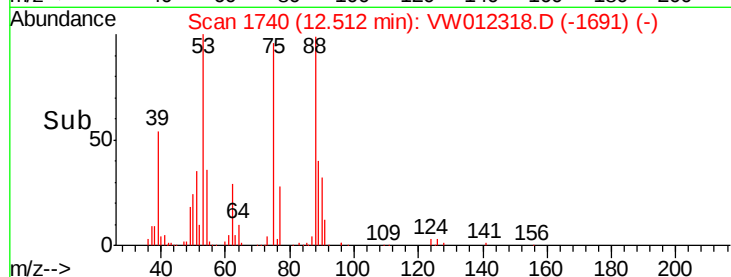
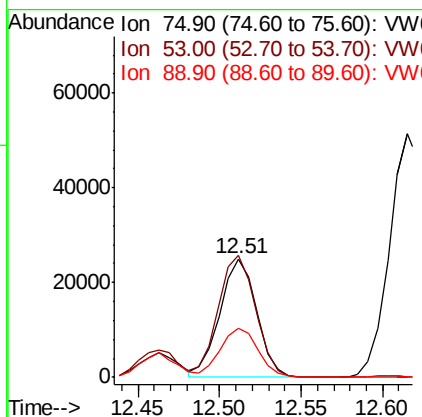
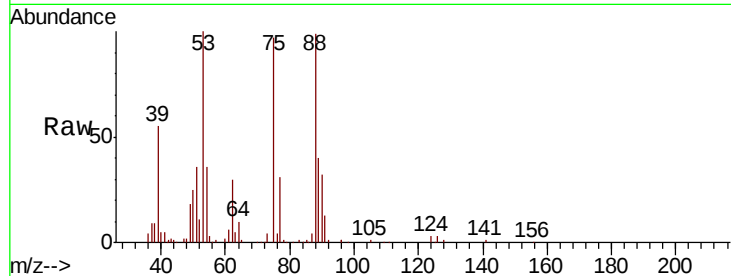




#81
trans-1,4-Dichloro-2-butene
Concen: 60.311 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

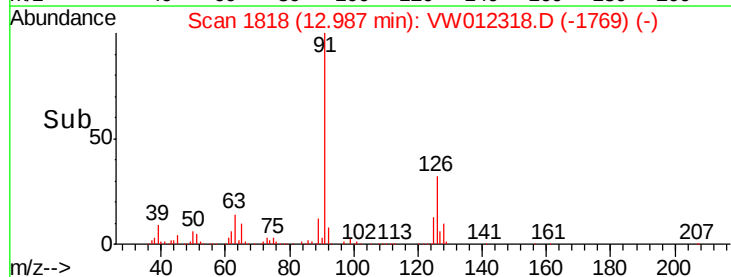
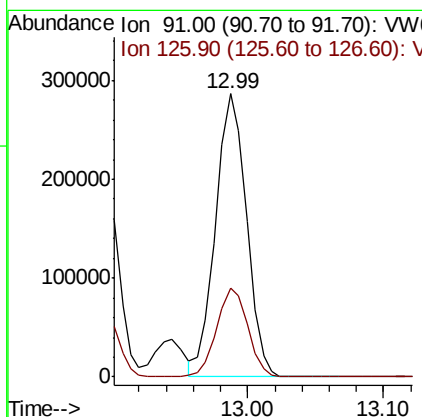
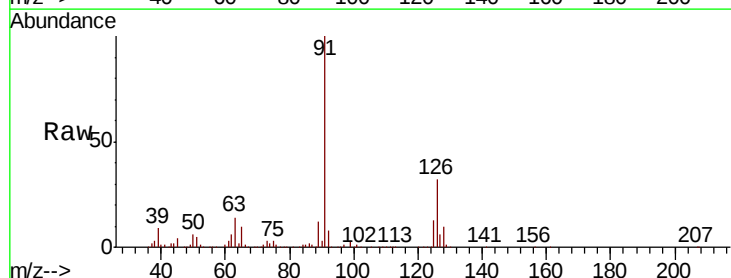
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

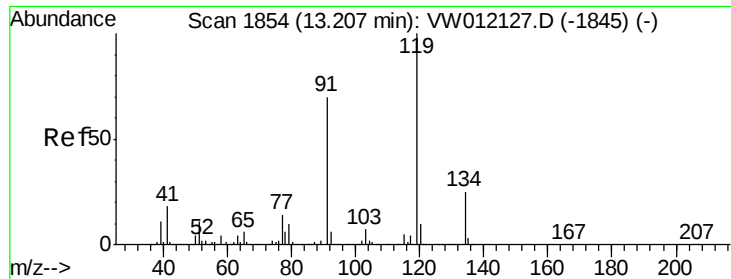
Tgt Ion: 75 Resp: 39224
Ion Ratio Lower Upper
75 100
53 106.3 89.4 134.0
89 42.3 34.5 51.7



#82
4-Chlorotoluene
Concen: 56.787 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 91 Resp: 452128
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8

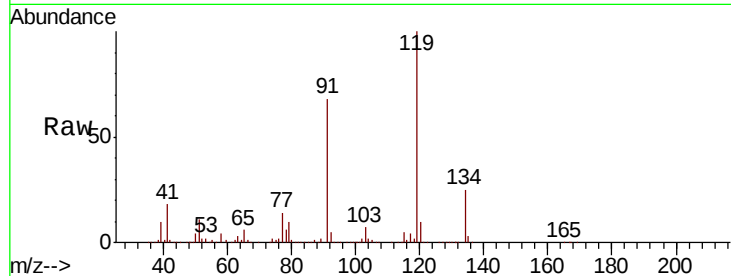




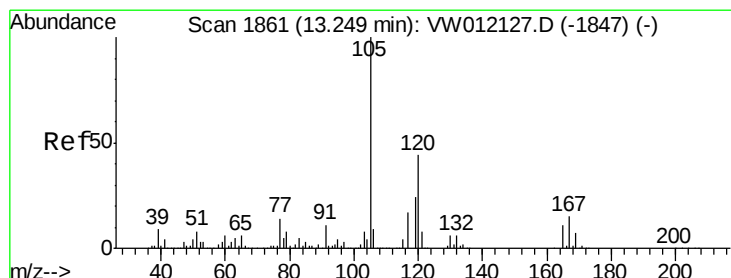
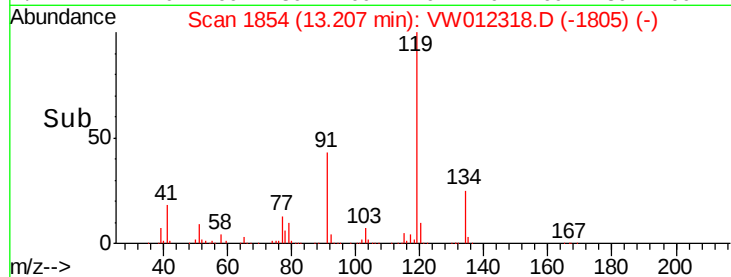
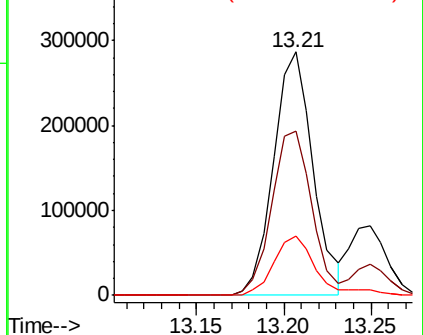
#83
 tert-Butylbenzene
 Concen: 58.252 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 452349
 Ion Ratio Lower Upper
 119 100
 91 68.5 34.8 104.3
 134 24.7 13.3 39.8

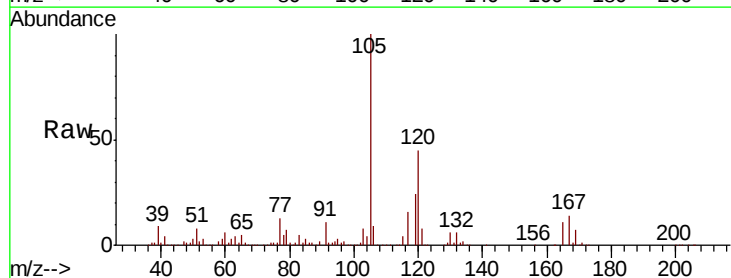


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

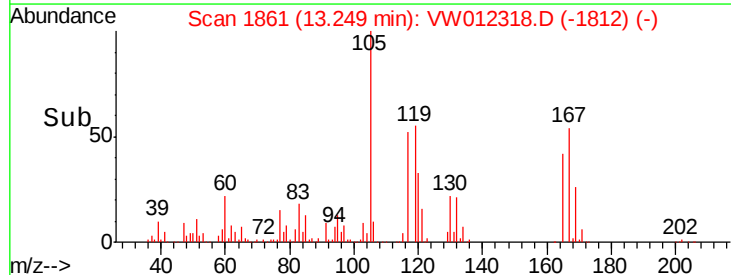
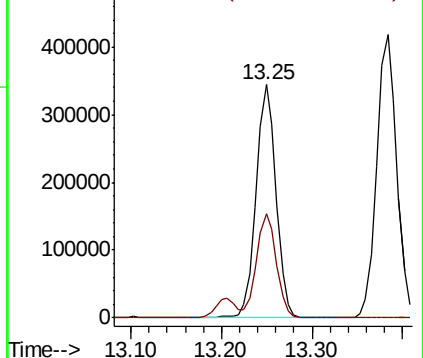


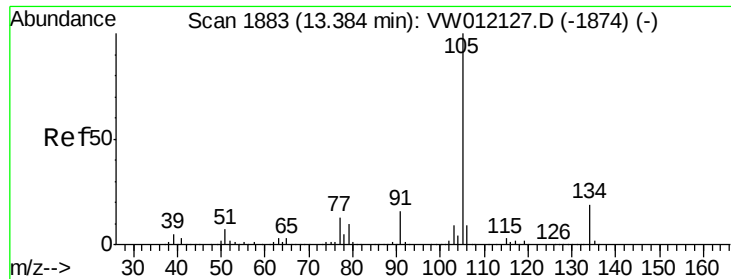
#84
 1,2,4-Trimethylbenzene
 Concen: 56.982 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion:105 Resp: 524731
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

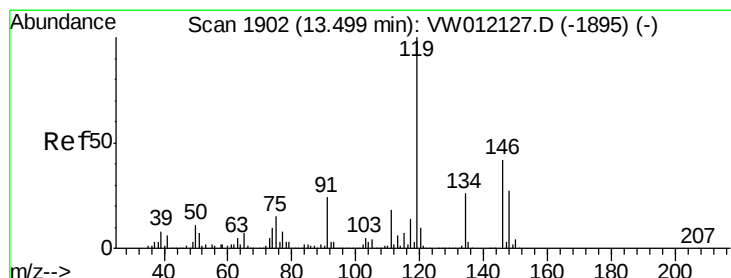
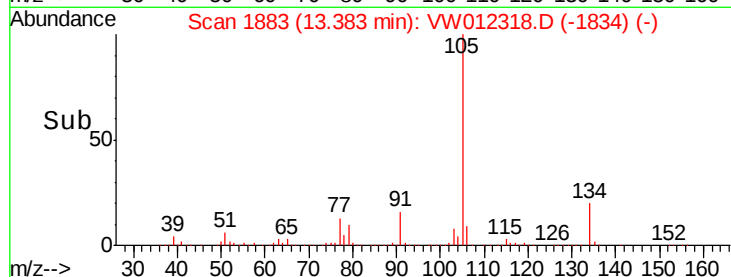
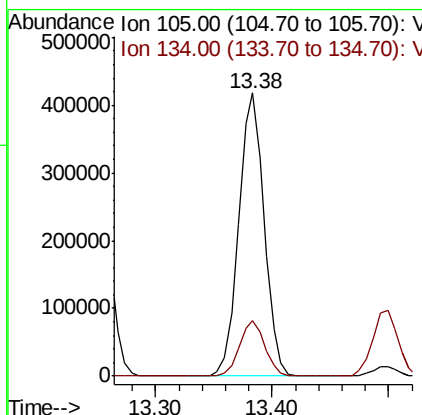
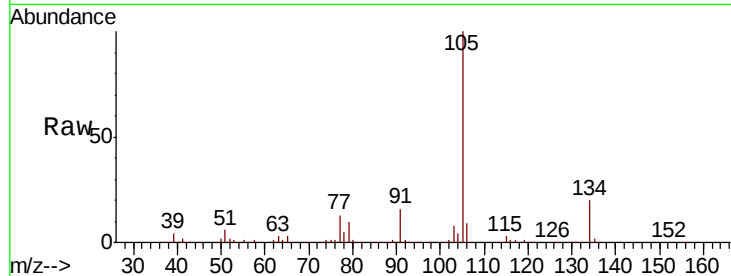




#85
 sec-Butylbenzene
 Concen: 56.936 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

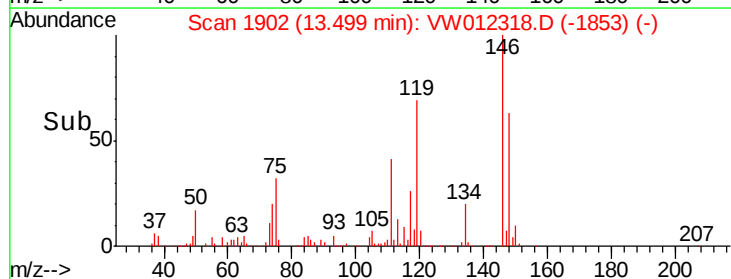
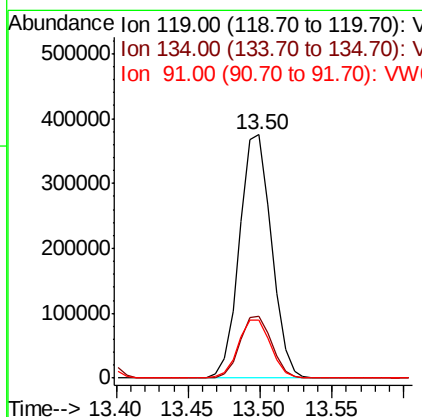
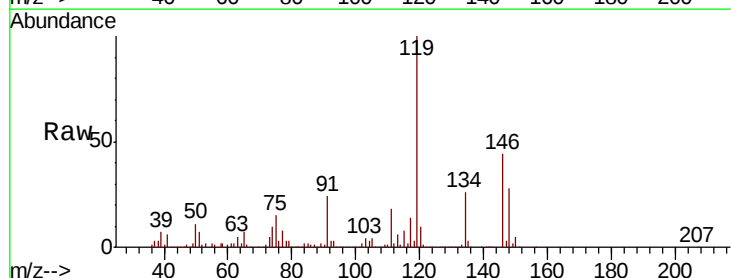
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 633432
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.011 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion:119 Resp: 576368
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 57.359 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

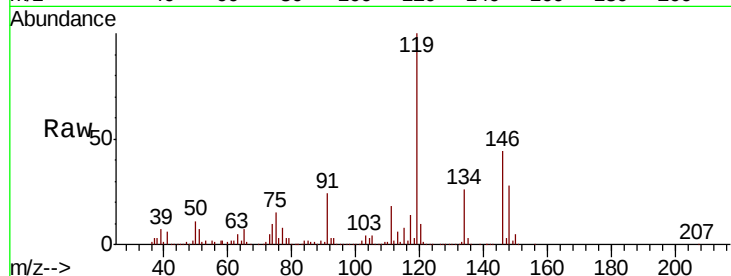
Tgt Ion:146 Resp: 266278

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

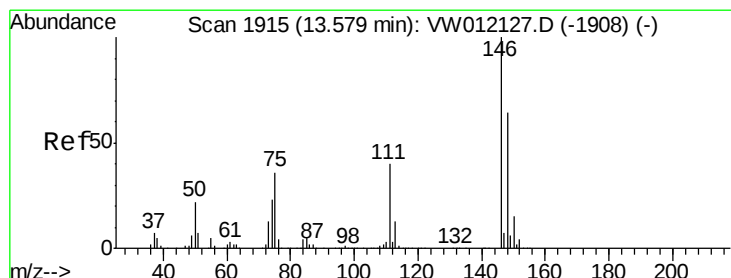
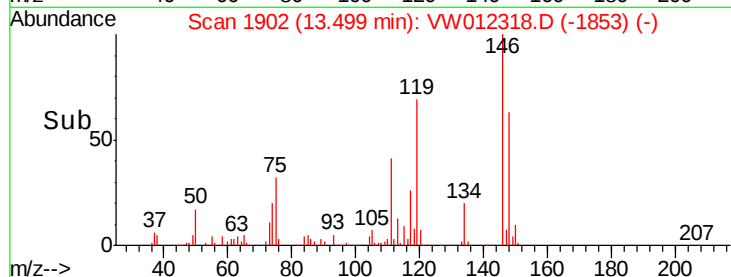
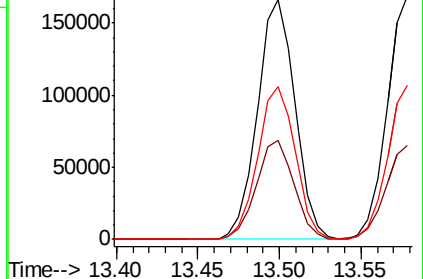
148 64.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 57.252 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

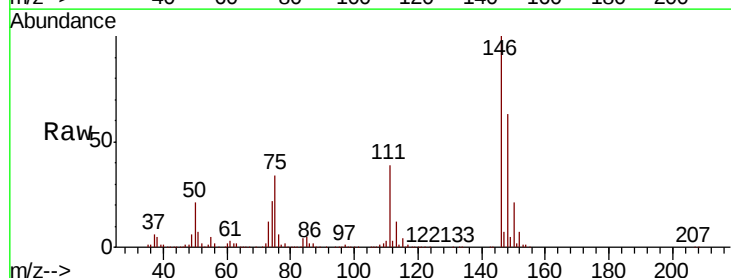
Tgt Ion:146 Resp: 263900

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

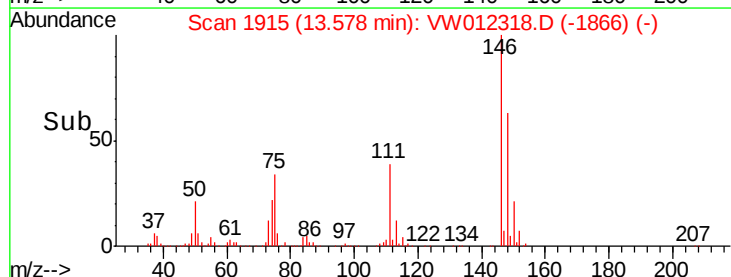
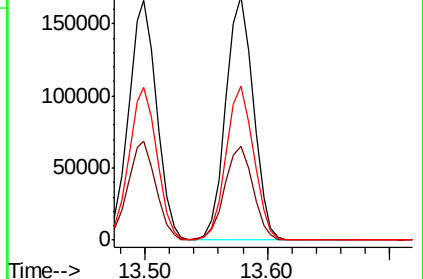
148 63.3 32.1 96.3

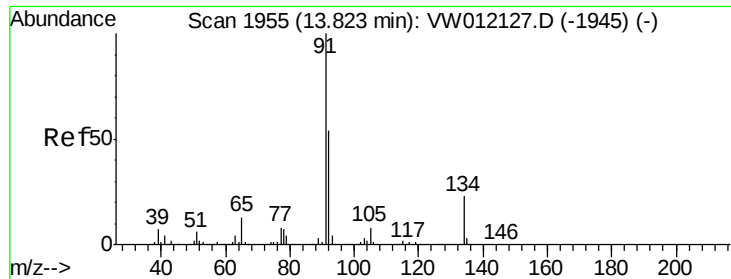


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 57.297 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

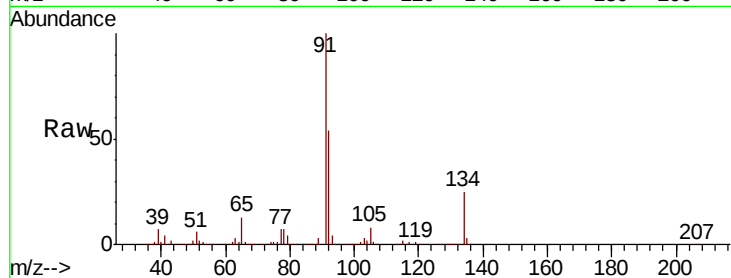
Tgt Ion: 91 Resp: 566108

Ion Ratio Lower Upper

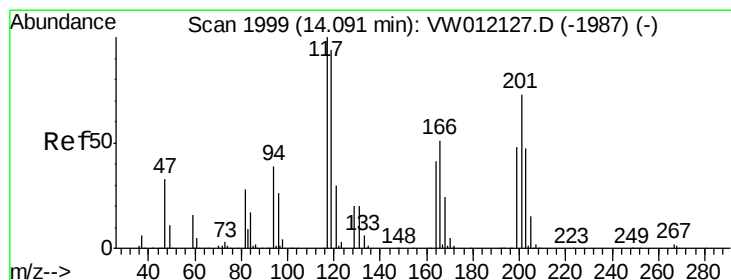
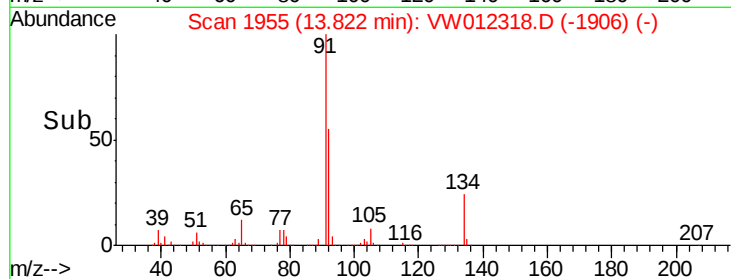
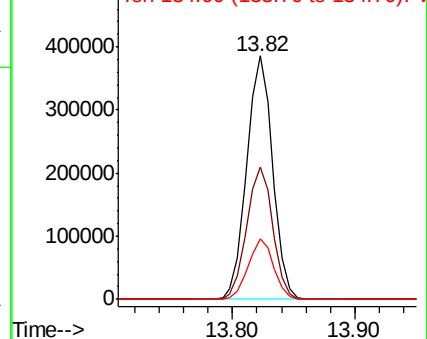
91 100

92 54.6 27.1 81.2

134 24.6 12.2 36.4



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



#90

Hexachloroethane

Concen: 57.713 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012318.D

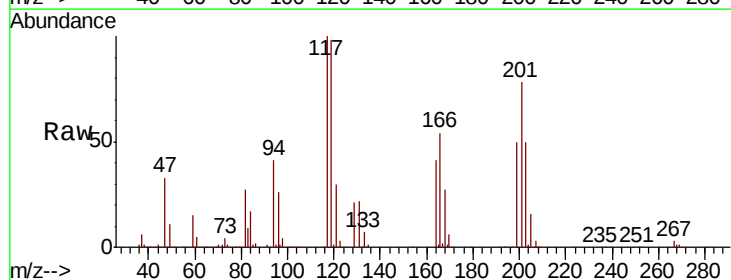
Acq: 29 Aug 2019 22:04

Tgt Ion: 117 Resp: 100602

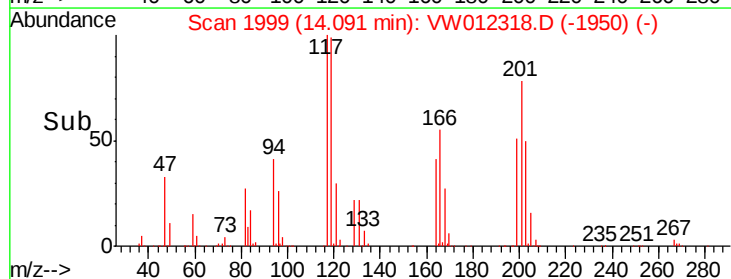
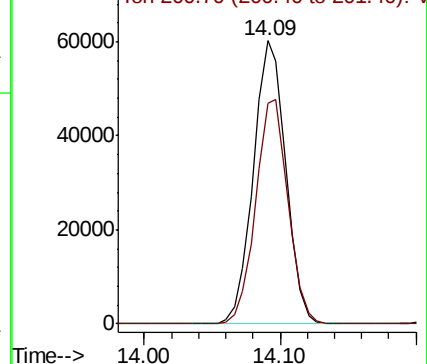
Ion Ratio Lower Upper

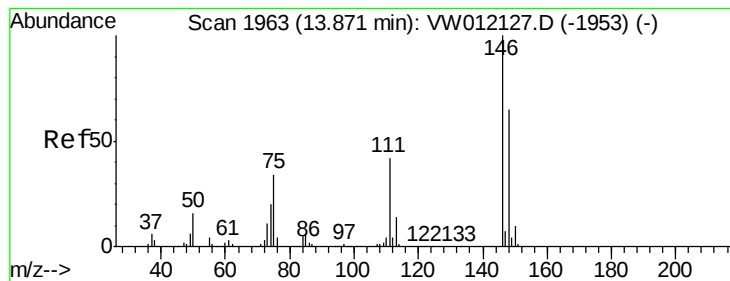
117 100

201 79.1 38.6 115.7



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





#91

1,2-Dichlorobenzene

Concen: 57.883 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

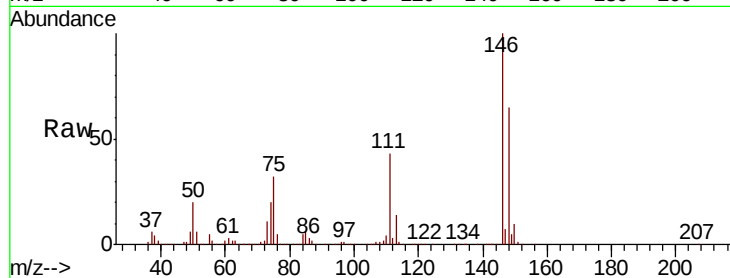
Tgt Ion:146 Resp: 235729

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

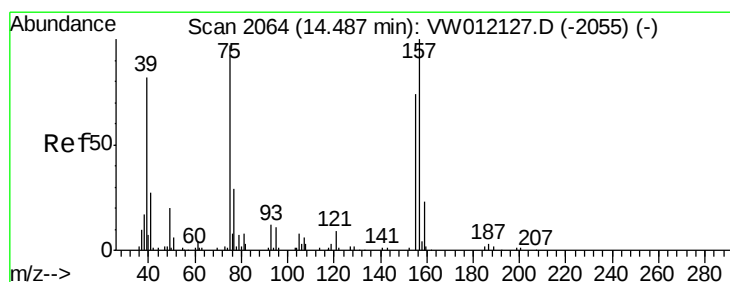
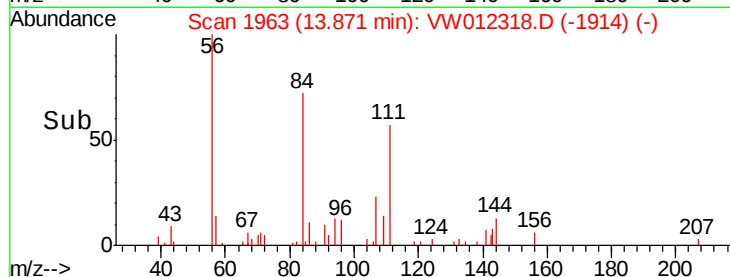
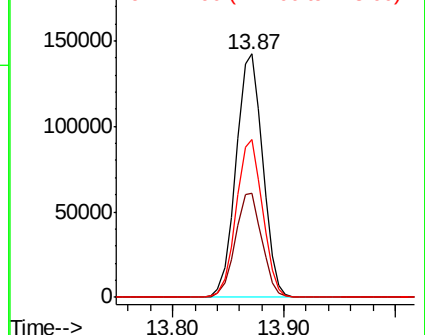
148 64.0 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.941 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

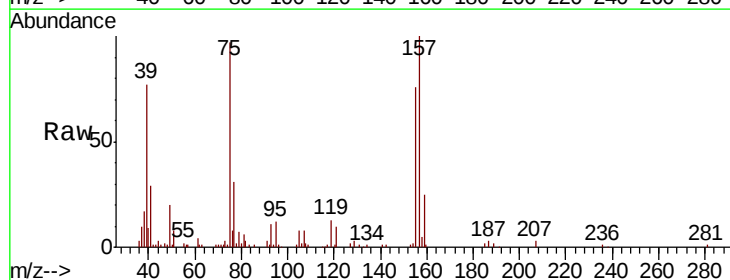
Tgt Ion: 75 Resp: 19307

Ion Ratio Lower Upper

75 100

155 77.2 37.5 112.3

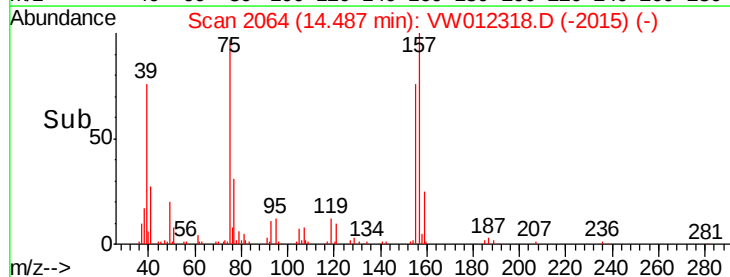
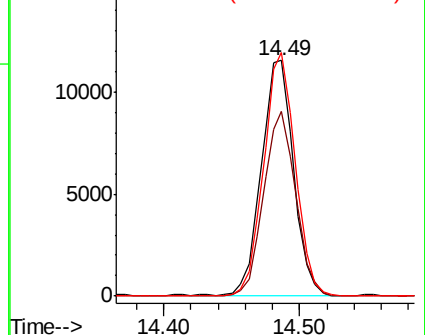
157 100.4 50.5 151.5

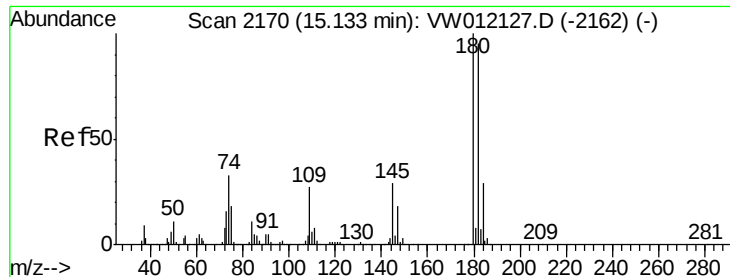


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

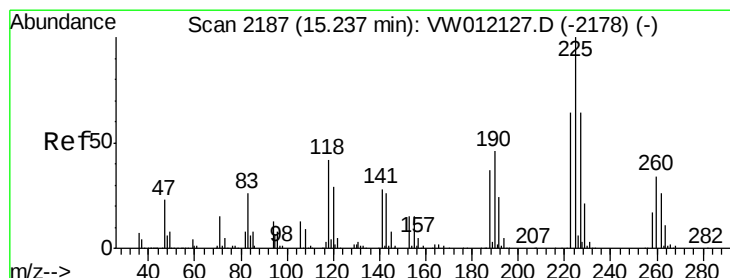
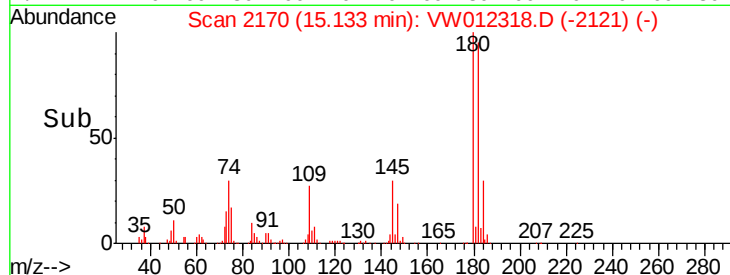
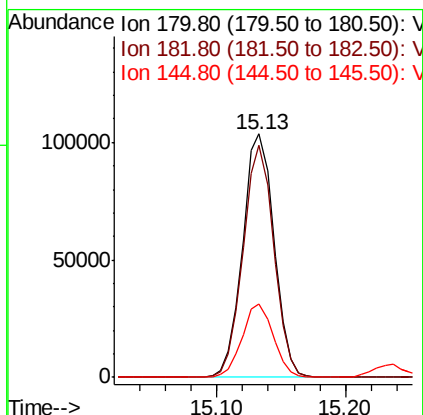
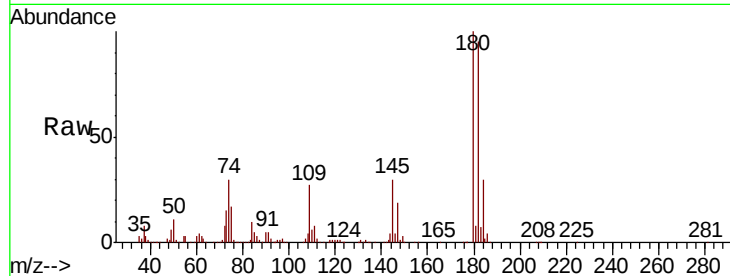




#93
 1,2,4-Trichlorobenzene
 Concen: 61.847 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

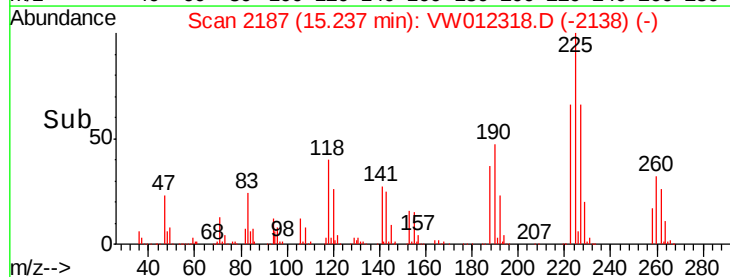
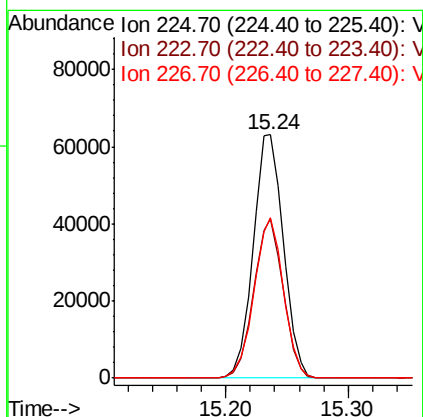
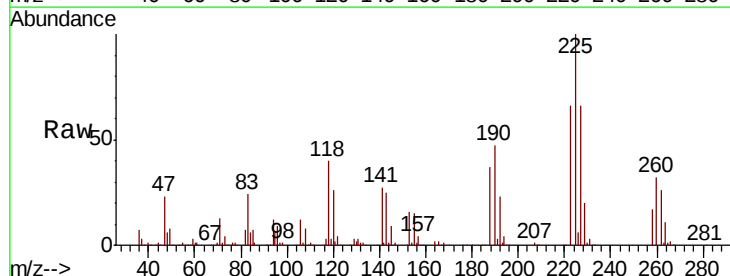
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

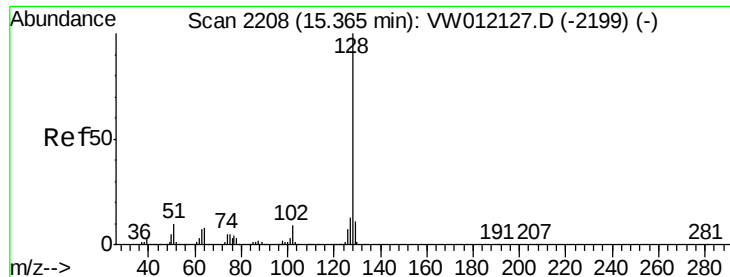
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.4
145	29.9	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 58.446 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.8
227	63.7	32.9	98.6

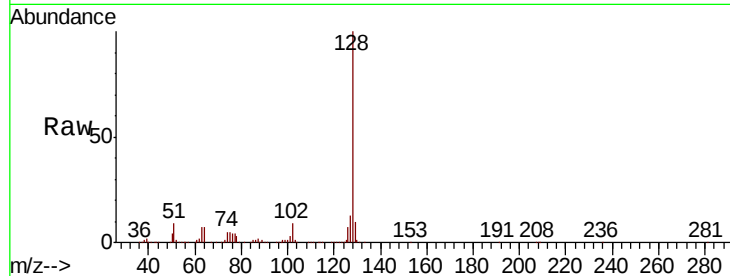




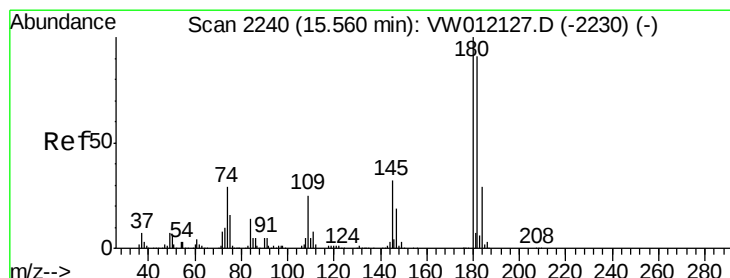
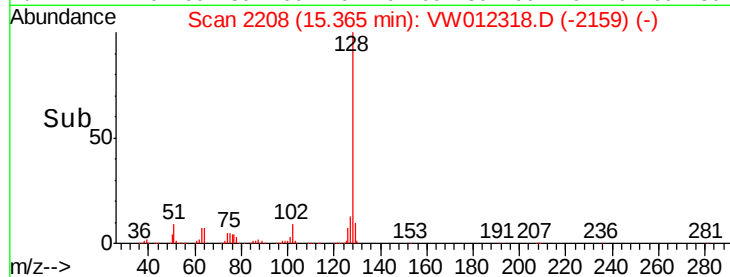
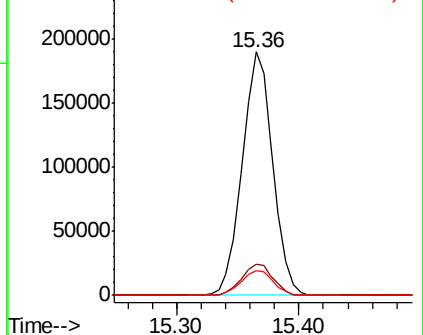
#95
Naphthalene
Concen: 58.663 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 328494
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.0 8.7 13.1

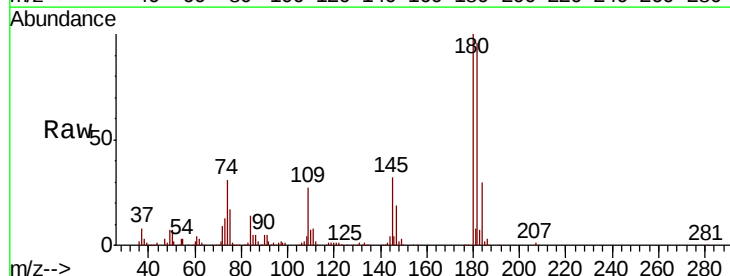


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 61.775 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion:180 Resp: 151685
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.3
145 32.4 16.2 48.5



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

