

Data File : VW012174.D
Acq On : 26 Aug 2019 16:12
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Aug 27 04:52:15 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	244843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148210	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.88	113	119142	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	483807	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	167507	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	92912	61.629 ug/l	99
3) Chloromethane	2.21	50	128123	54.854 ug/l	99
4) Vinyl Chloride	2.36	62	162036	56.680 ug/l	99
5) Bromomethane	2.78	94	80359	55.504 ug/l	97
6) Chloroethane	2.92	64	90707	56.245 ug/l	98
7) Trichlorofluoromethane	3.25	101	90227	62.855 ug/l	99
8) Diethyl Ether	3.68	74	72730	53.378 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135585	55.567 ug/l	99
10) Methyl Iodide	4.27	142	182242	55.201 ug/l	100
11) Tert butyl alcohol	5.18	59	45294	258.590 ug/l	100
12) 1,1-Dichloroethene	4.04	96	136456	55.563 ug/l	95
13) Acrolein	3.89	56	40159	243.566 ug/l	97
14) Allyl chloride	4.67	41	292096	55.634 ug/l	99
15) Acrylonitrile	5.37	53	185502	274.671 ug/l	99
16) Acetone	4.12	43	212960	286.234 ug/l	99
17) Carbon Disulfide	4.39	76	428987	57.798 ug/l	99
18) Methyl Acetate	4.67	43	97081	52.682 ug/l	100
19) Methyl tert-butyl Ether	5.42	73	215310	54.213 ug/l	95
20) Methylene Chloride	4.91	84	144380	51.333 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	144375	54.821 ug/l	99
22) Diisopropyl ether	6.31	45	525708	54.019 ug/l	98
23) Vinyl Acetate	6.25	43	1687483	281.754 ug/l	99
24) 1,1-Dichloroethane	6.21	63	285822	53.940 ug/l	99
25) 2-Butanone	7.17	43	281214	278.149 ug/l	98
26) 2,2-Dichloropropane	7.17	77	167528	55.857 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	150230	53.392 ug/l	98
28) Bromochloromethane	7.51	49	113399	49.101 ug/l	99
29) Tetrahydrofuran	7.52	42	169334	279.167 ug/l	100
30) Chloroform	7.67	83	258242	53.268 ug/l	97
31) Cyclohexane	7.95	56	271718	51.829 ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	210430	54.870 ug/l	99
36) 1,1-Dichloropropene	8.08	75	223115	56.491 ug/l	100
37) Ethyl Acetate	7.25	43	118532	54.767 ug/l	99
38) Carbon Tetrachloride	8.07	117	193422	56.582 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	251409	56.662	ug/l	99
40) Benzene	8.32	78	587627	54.488	ug/l	99
41) Methacrylonitrile	7.48	41	72466	56.968	ug/l	99
42) 1,2-Dichloroethane	8.40	62	184425	54.564	ug/l	100
43) Isopropyl Acetate	8.42	43	221105	55.153	ug/l	99
44) Trichloroethene	9.09	130	145468	55.486	ug/l	97
45) 1,2-Dichloropropane	9.37	63	156000	53.748	ug/l	100
46) Dibromomethane	9.46	93	72055	55.797	ug/l	98
47) Bromodichloromethane	9.64	83	189550	55.151	ug/l	98
48) Methyl methacrylate	9.43	41	108548	56.889	ug/l	99
49) 1,4-Dioxane	9.46	88	21005	1062.487	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	580376	284.626	ug/l	100
52) Toluene	10.38	92	360684	55.672	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	198311	56.645	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	237001	56.066	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100611	55.065	ug/l	99
56) Ethyl methacrylate	10.65	69	152864	57.484	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189605	54.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	360096	263.849	ug/l	99
59) 2-Hexanone	10.97	43	423191	293.316	ug/l	100
60) Dibromochloromethane	11.13	129	113598	55.819	ug/l	99
61) 1,2-Dibromoethane	11.23	107	94484	55.507	ug/l	99
64) Tetrachloroethene	10.86	164	119587	55.328	ug/l	98
65) Chlorobenzene	11.66	112	354547	54.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	123339	53.857	ug/l	98
67) Ethyl Benzene	11.73	91	691098	54.651	ug/l	100
68) m/p-Xylenes	11.84	106	505053	110.877	ug/l	99
69) o-Xylene	12.16	106	231627	54.942	ug/l	99
70) Styrene	12.18	104	402832	55.203	ug/l	99
71) Bromoform	12.35	173	63491	55.645	ug/l #	99
73) Isopropylbenzene	12.46	105	649071	53.909	ug/l	99
74) N-amyl acetate	12.27	43	206138	56.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119829	54.288	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	163513	104.487	ug/l #	100
77) Bromobenzene	12.75	156	138813	53.293	ug/l	100
78) n-propylbenzene	12.80	91	806891	54.896	ug/l	99
79) 2-Chlorotoluene	12.89	91	447639	53.642	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	551237	54.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41182	57.698	ug/l	98
82) 4-Chlorotoluene	12.99	91	474799	54.339	ug/l	100
83) tert-Butylbenzene	13.21	119	473485	55.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	550207	54.443	ug/l	100
85) sec-Butylbenzene	13.38	105	669634	54.845	ug/l	100
86) p-Isopropyltoluene	13.50	119	603865	55.381	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	274920	53.961	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	271437	53.657	ug/l	100
89) n-Butylbenzene	13.82	91	607422	56.019	ug/l	99
90) Hexachloroethane	14.09	117	106499	55.670	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	241730	54.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20635	55.453	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082619\
Quantitation Report (Not Reviewed)

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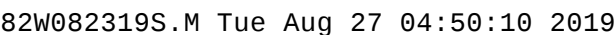
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

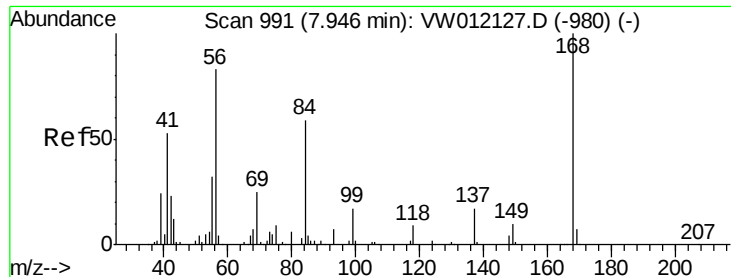
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	175270	56.746	ug/l	100
94) Hexachlorobutadiene	15.24	225	113040	55.427	ug/l	99
95) Naphthalene	15.36	128	324607	53.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	152043	56.421	ug/l	97

(#) = 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: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

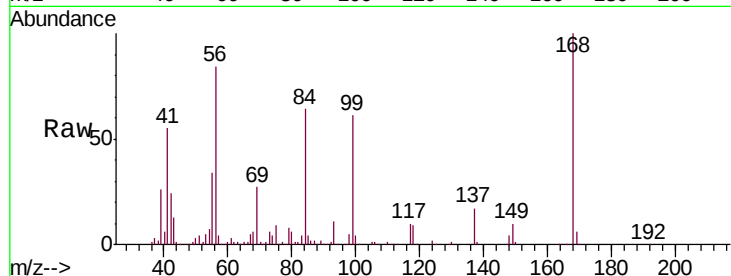
VSTDCCC050

Tgt Ion:168 Resp: 244843

Ion Ratio Lower Upper

168 100

99 60.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

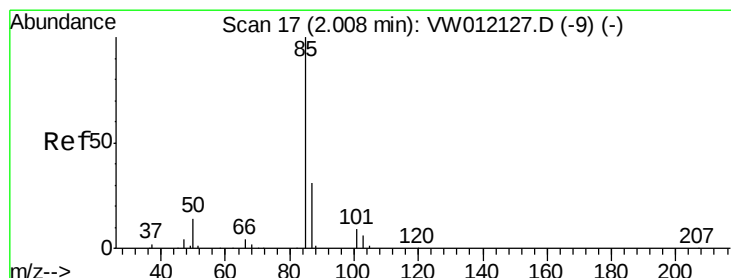
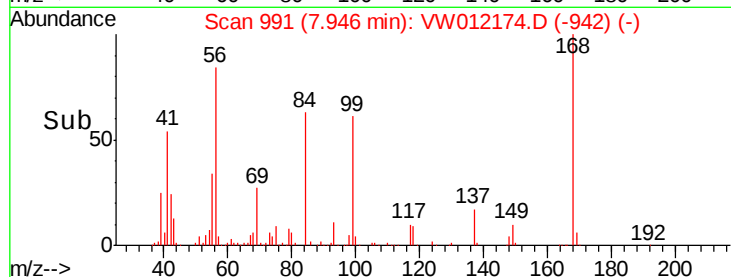
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 61.629 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012174.D

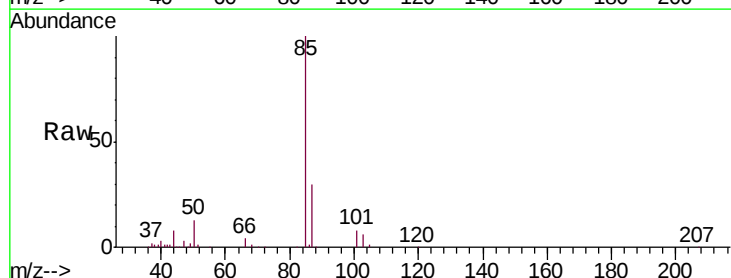
Acq: 26 Aug 2019 16:12

Tgt Ion: 85 Resp: 92912

Ion Ratio Lower Upper

85 100

87 30.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

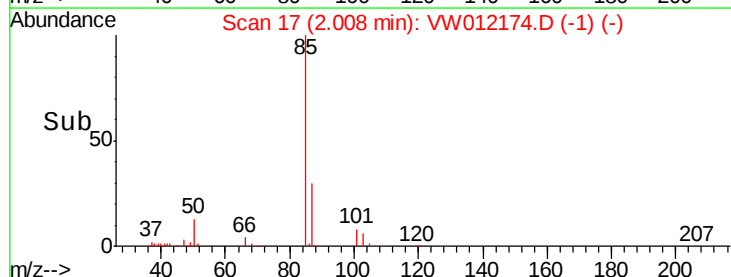
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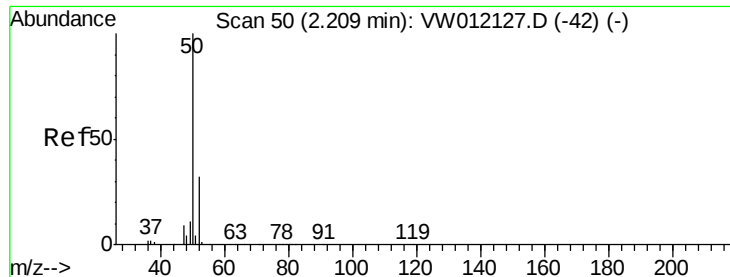
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 54.854 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

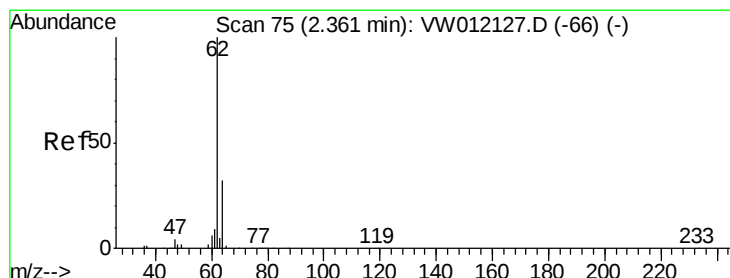
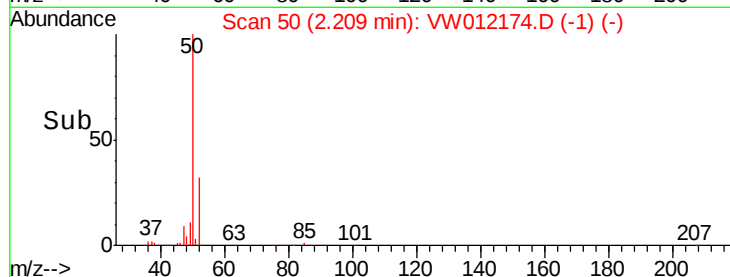
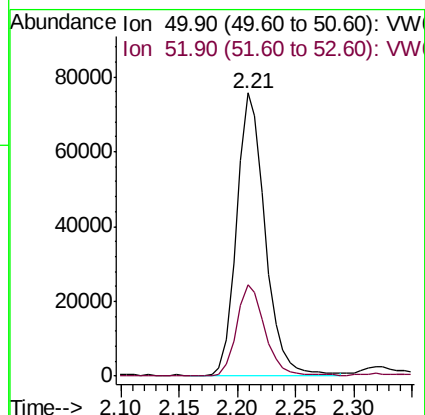
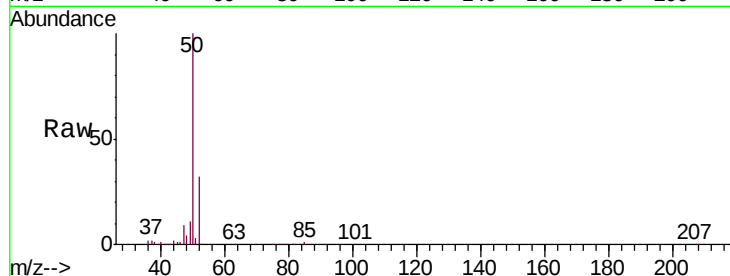
VSTDCCC050

Tgt Ion: 50 Resp: 128123

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 56.680 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012174.D

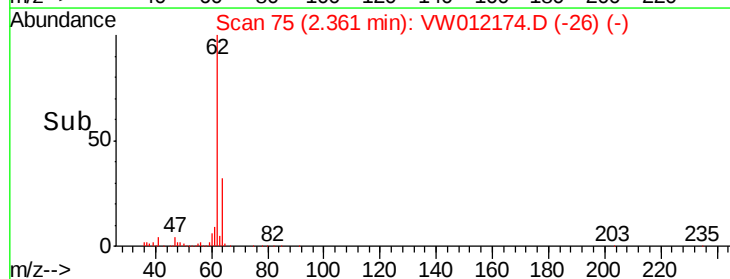
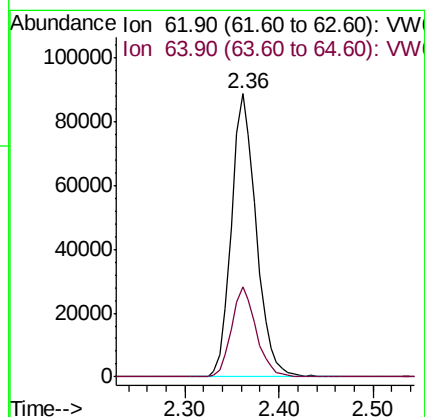
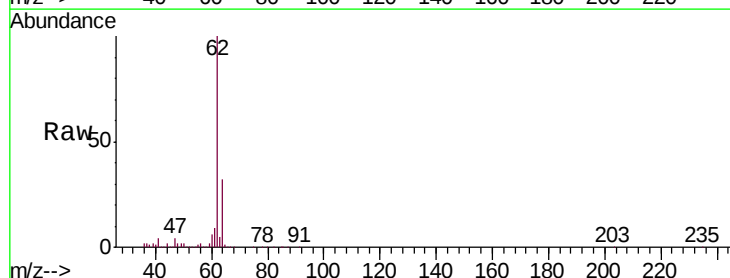
Acq: 26 Aug 2019 16:12

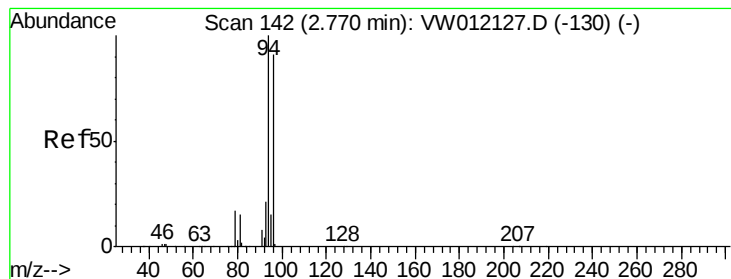
Tgt Ion: 62 Resp: 162036

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 55.504 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

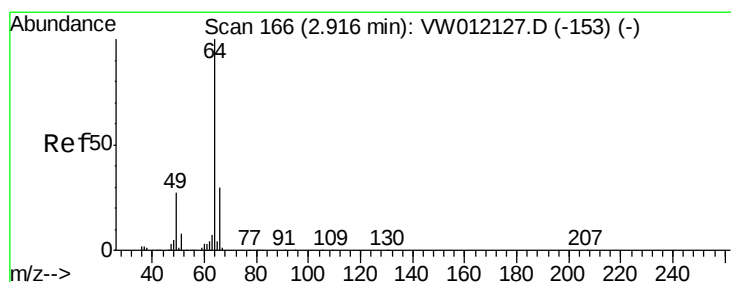
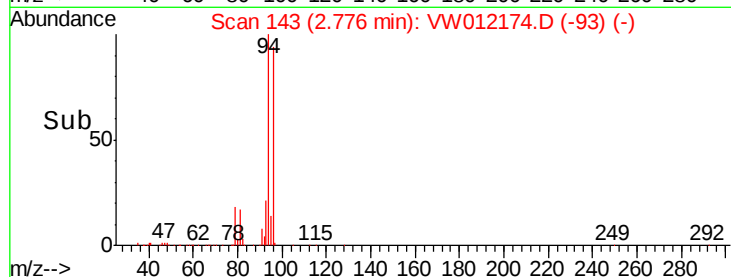
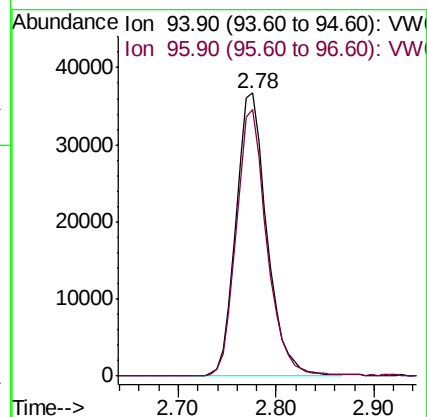
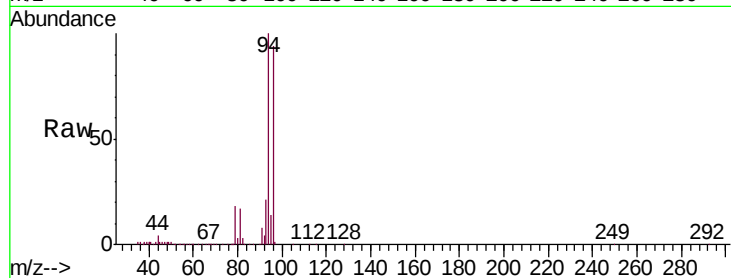
VSTDCCC050

Tgt Ion: 94 Resp: 80359

Ion Ratio Lower Upper

94 100

96 94.2 72.9 109.3



#6

Chloroethane

Concen: 56.245 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012174.D

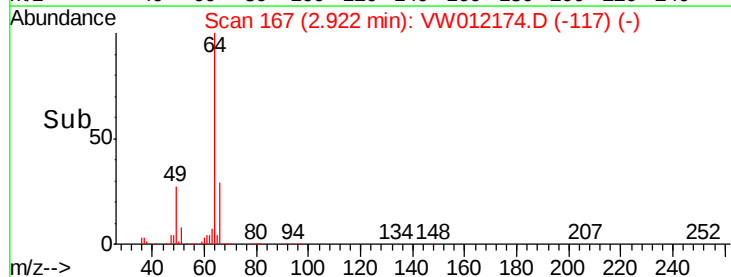
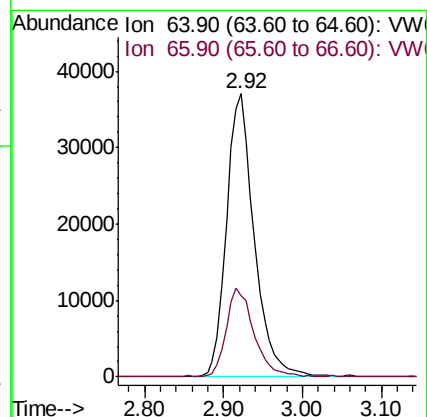
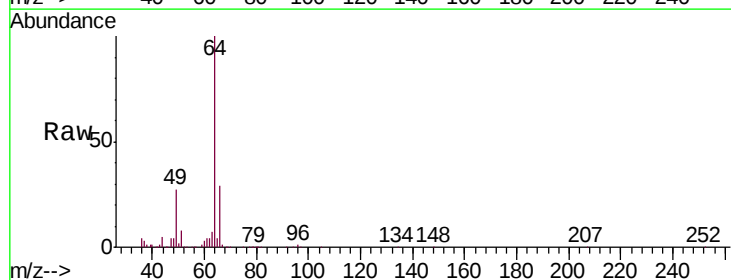
Acq: 26 Aug 2019 16:12

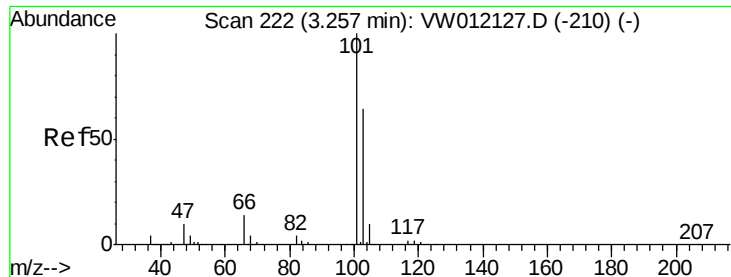
Tgt Ion: 64 Resp: 90707

Ion Ratio Lower Upper

64 100

66 28.6 23.8 35.8



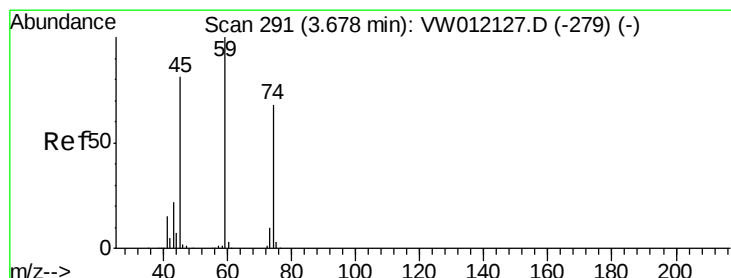
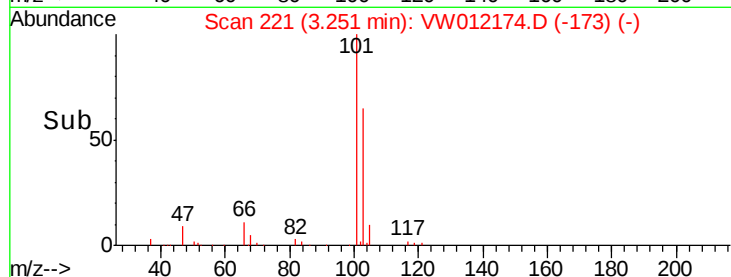
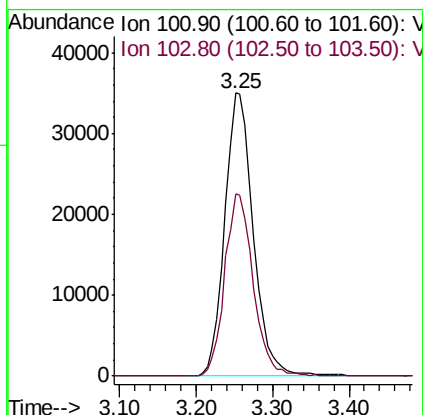
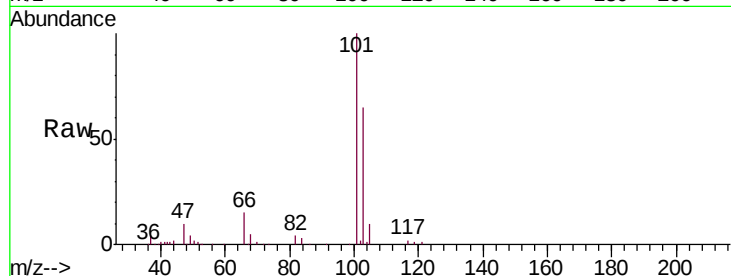


#7

Trichlorofluoromethane
 Concen: 62.855 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

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 VSTDCCC050

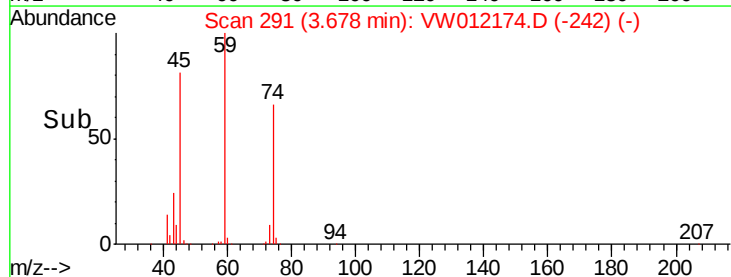
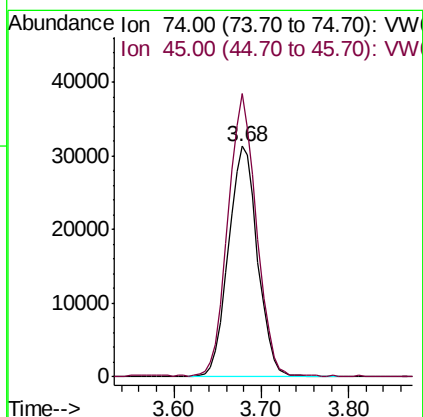
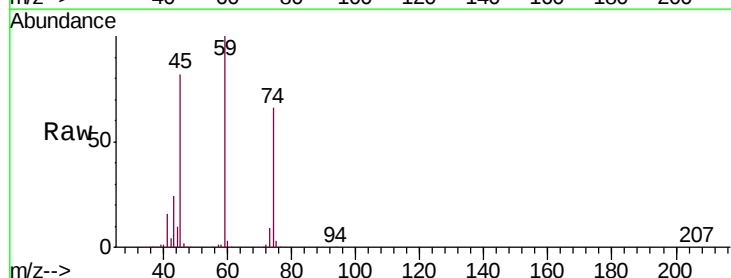
Tgt Ion:101 Resp: 90227
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.2 76.8

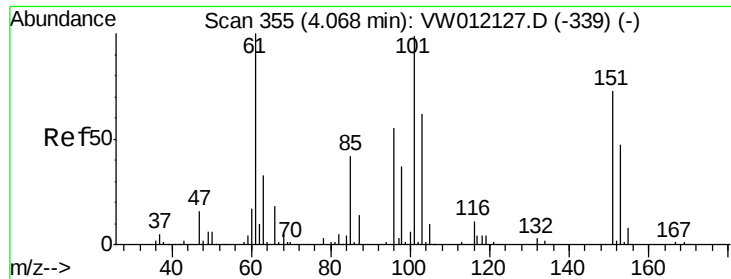


#8

Diethyl Ether
 Concen: 53.378 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 74 Resp: 72730
 Ion Ratio Lower Upper
 74 100
 45 119.5 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.567 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

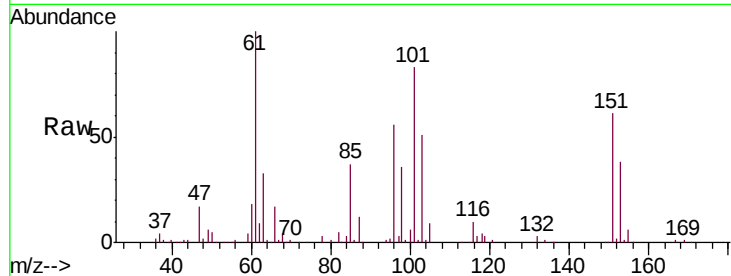
Tgt Ion:101 Resp: 135585

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.6

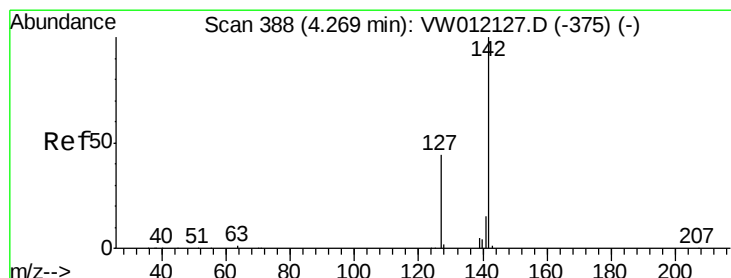
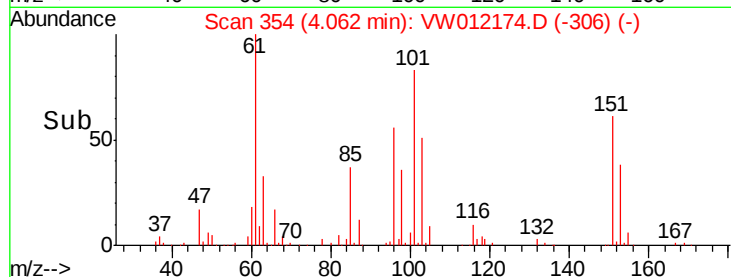
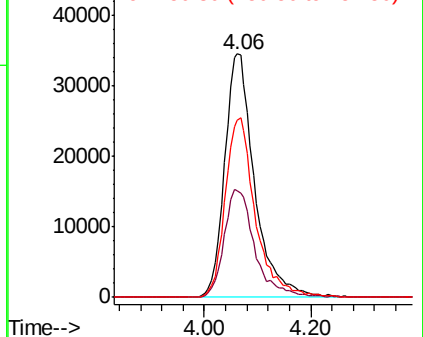
151 74.3 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.201 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

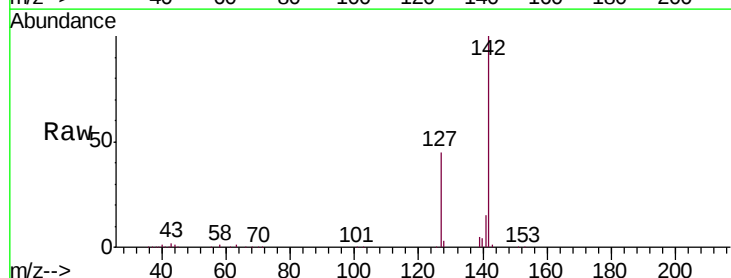
Tgt Ion:142 Resp: 182242

Ion Ratio Lower Upper

142 100

127 44.1 35.5 53.3

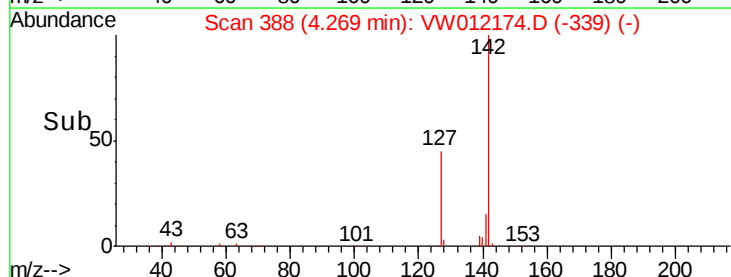
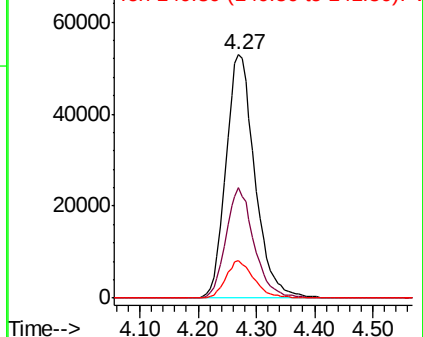
141 15.0 11.8 17.8

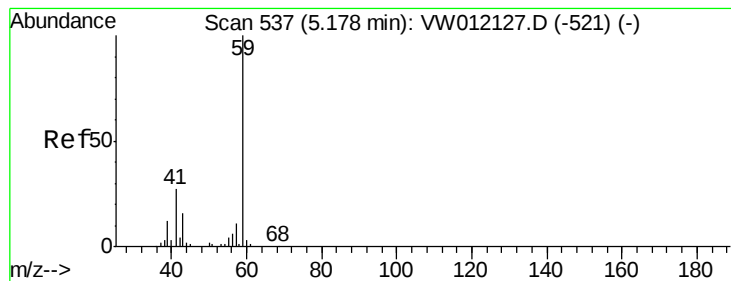


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



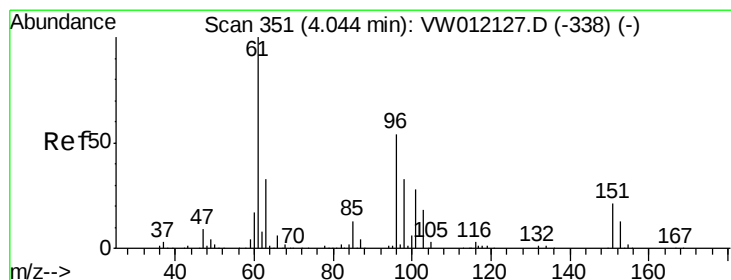
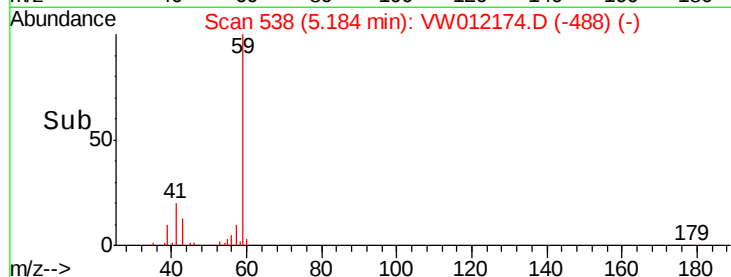
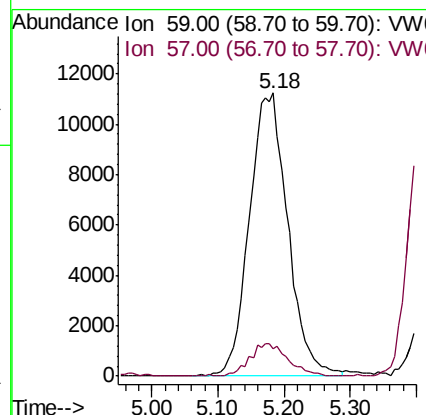
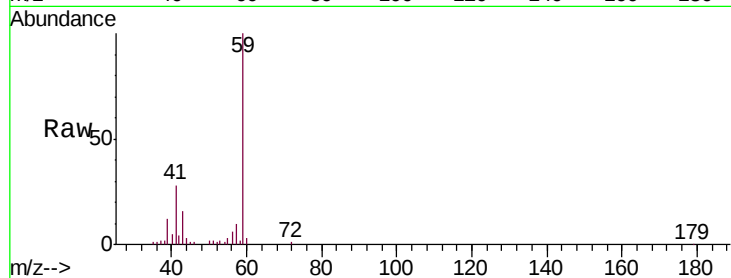


#11

Tert butyl alcohol
 Concen: 258.590 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

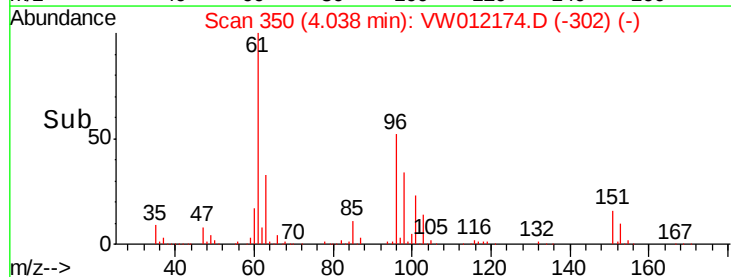
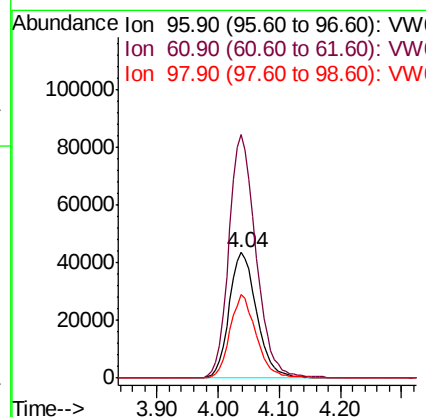
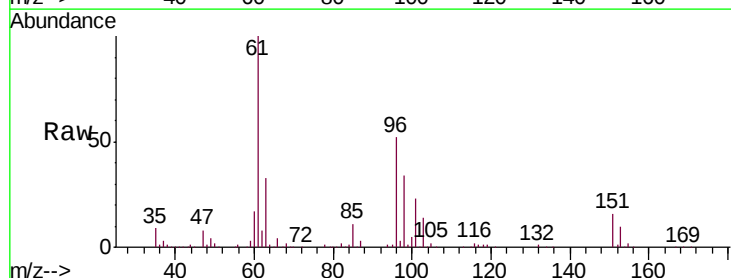
Tgt Ion: 59 Resp: 45294
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.4

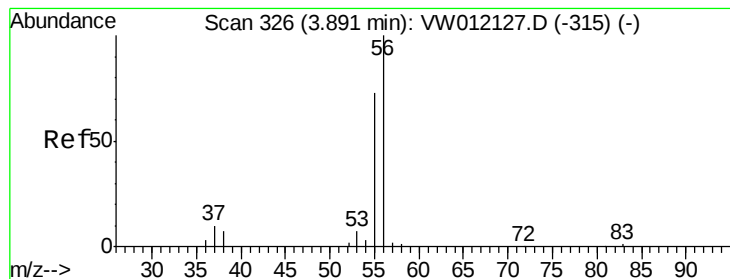


#12

1,1-Dichloroethene
 Concen: 55.563 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 96 Resp: 136456
 Ion Ratio Lower Upper
 96 100
 61 193.4 149.1 223.7
 98 66.0 49.4 74.2





#13

Acrolein

Concen: 243.566 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

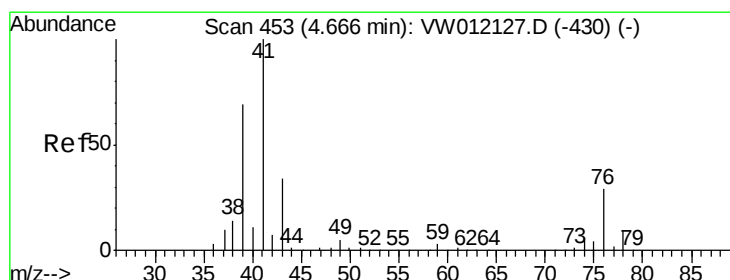
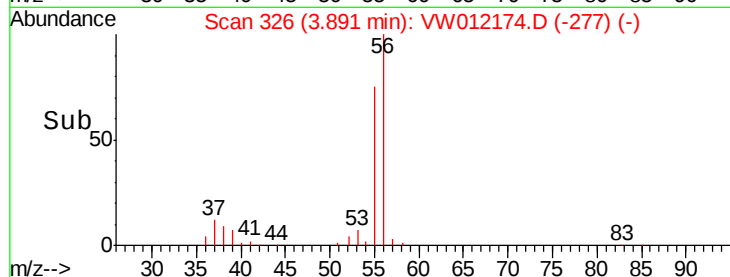
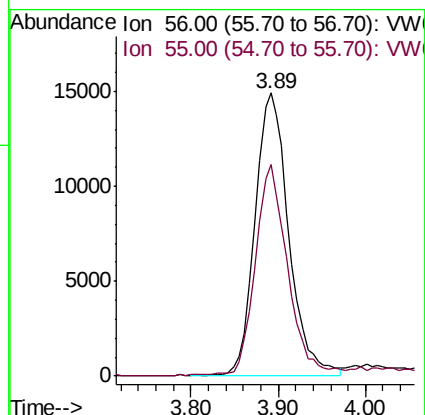
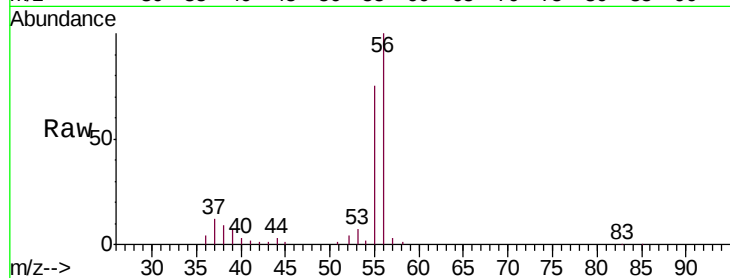
VSTDCCC050

Tgt Ion: 56 Resp: 40159

Ion Ratio Lower Upper

56 100

55 72.2 55.8 83.8



#14

Allyl chloride

Concen: 55.634 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

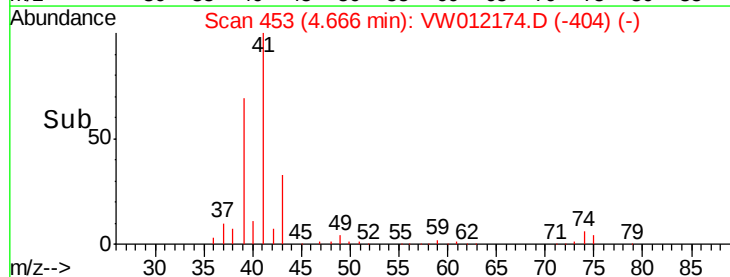
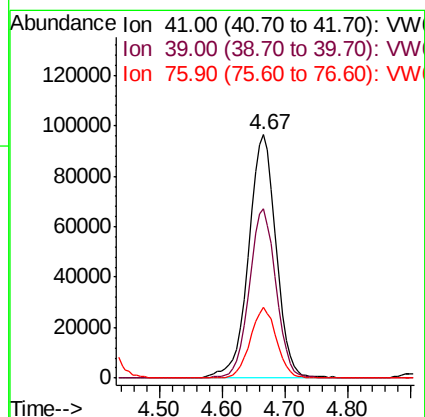
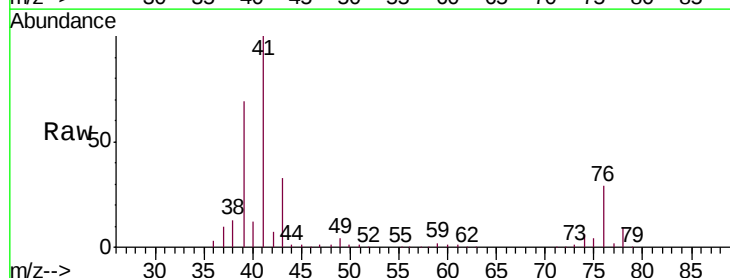
Tgt Ion: 41 Resp: 292096

Ion Ratio Lower Upper

41 100

39 67.7 53.4 80.2

76 27.7 22.1 33.1





#15

Acrylonitrile

Concen: 274.671 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

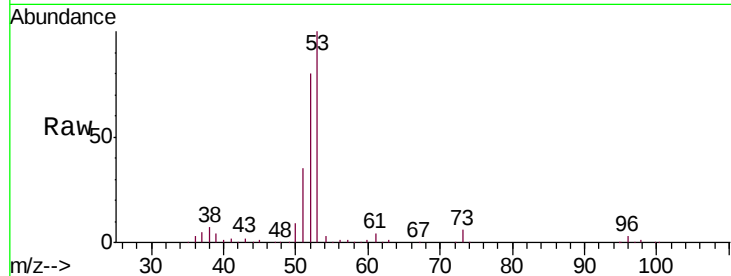
Tgt Ion: 53 Resp: 185502

Ion Ratio Lower Upper

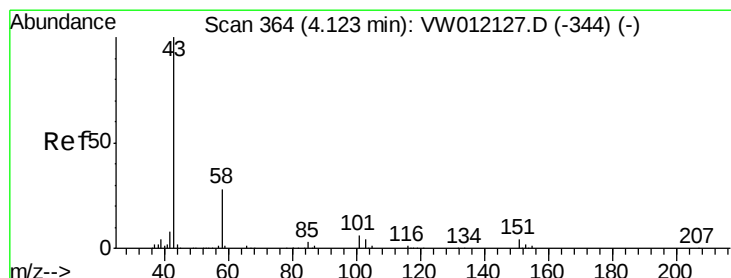
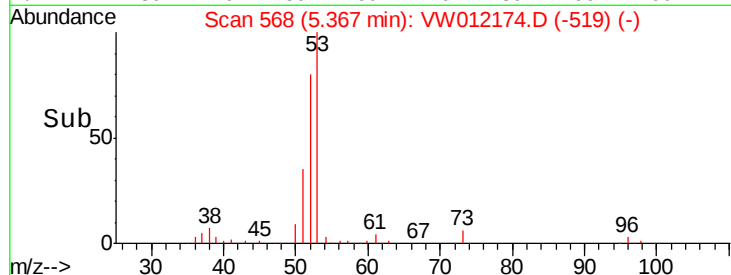
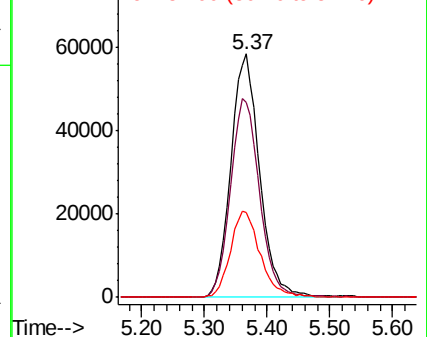
53 100

52 82.5 66.7 100.1

51 36.9 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: 286.234 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012174.D

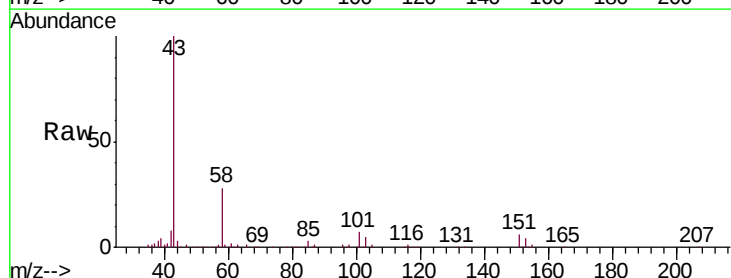
Acq: 26 Aug 2019 16:12

Tgt Ion: 43 Resp: 212960

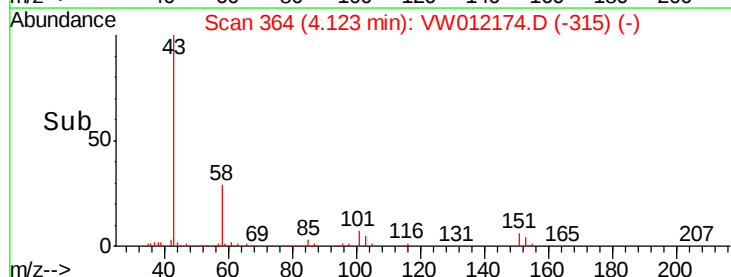
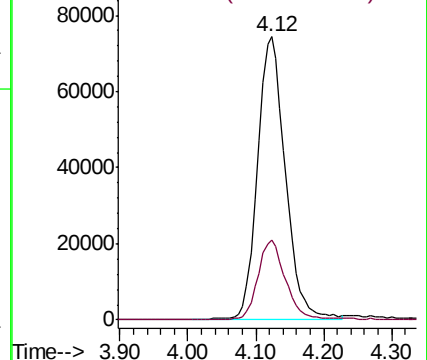
Ion Ratio Lower Upper

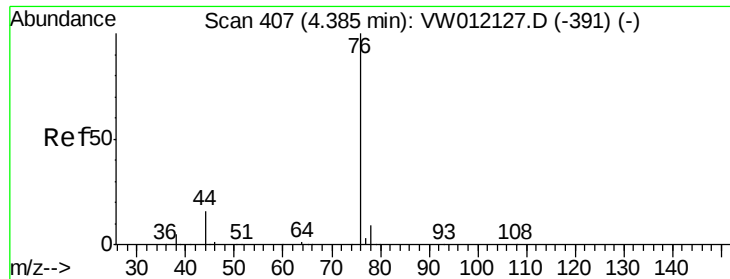
43 100

58 28.4 22.4 33.6



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

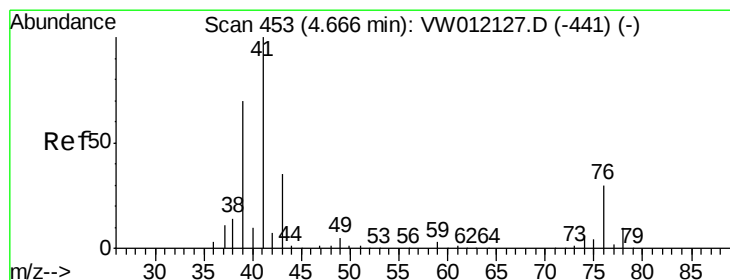
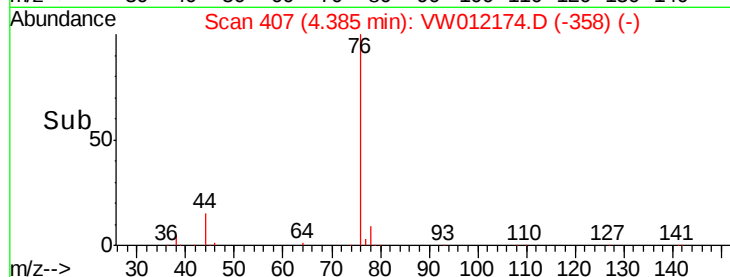
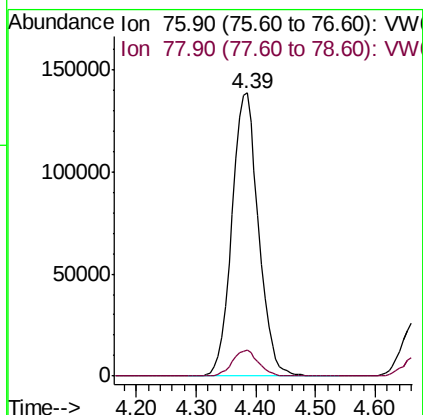
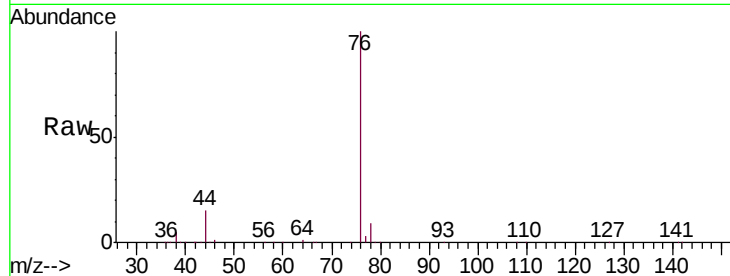




#17
Carbon Disulfide
Concen: 57.798 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

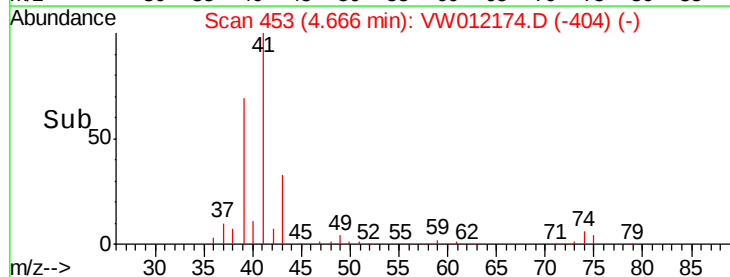
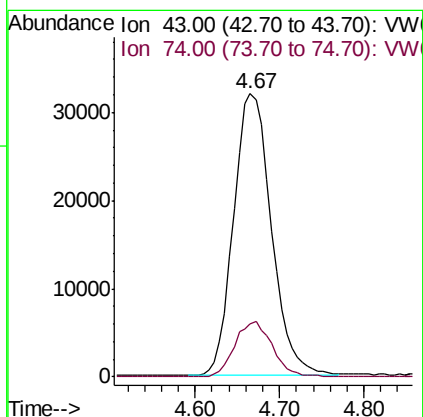
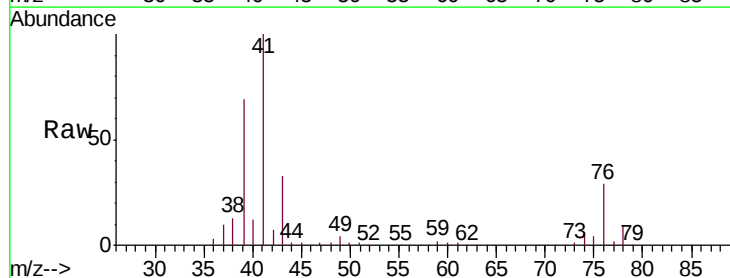
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

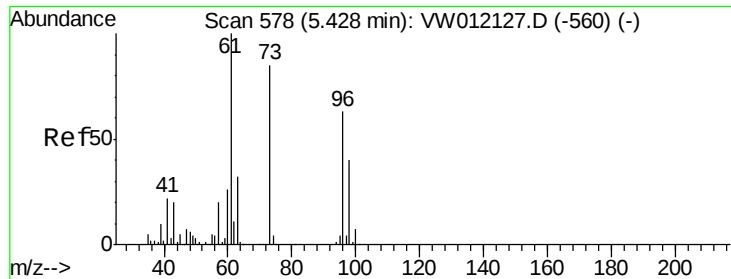
Tgt Ion: 76 Resp: 428987
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 52.682 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 43 Resp: 97081
Ion Ratio Lower Upper
43 100
74 19.8 15.7 23.5

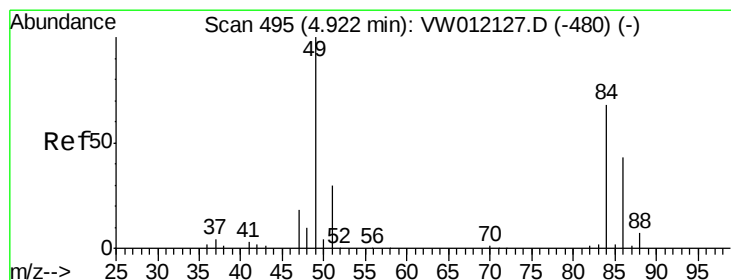
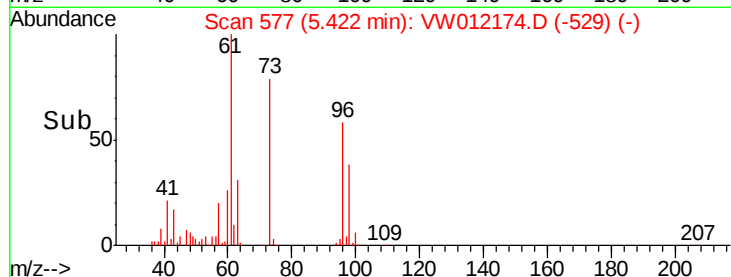
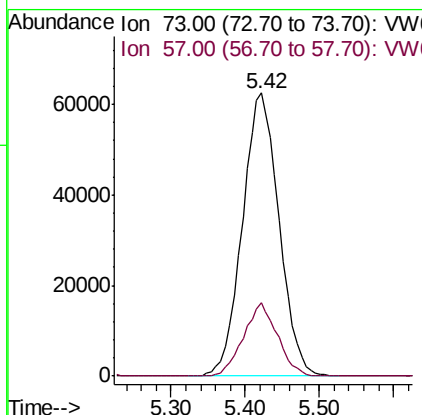
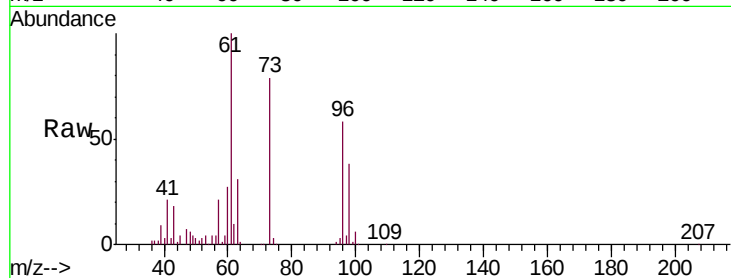




#19
Methyl tert-butyl Ether
Concen: 54.213 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

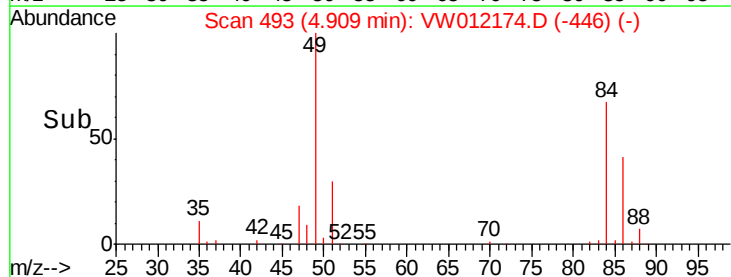
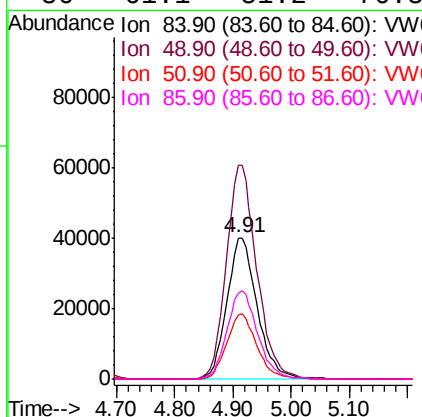
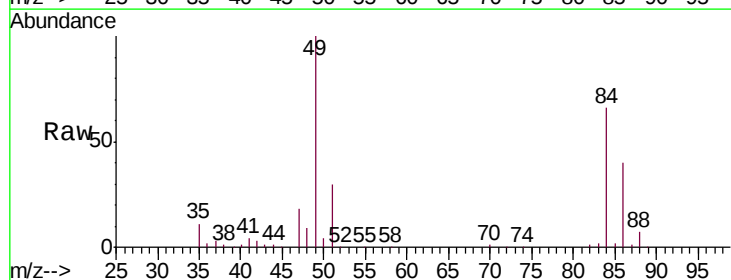
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

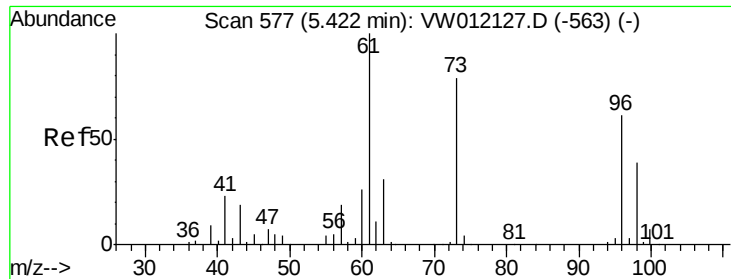
Tgt Ion: 73 Resp: 215310
Ion Ratio Lower Upper
73 100
57 26.2 18.9 28.3



#20
Methylene Chloride
Concen: 51.333 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 84 Resp: 144380
Ion Ratio Lower Upper
84 100
49 150.9 117.8 176.8
51 44.9 35.6 53.4
86 61.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.821 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

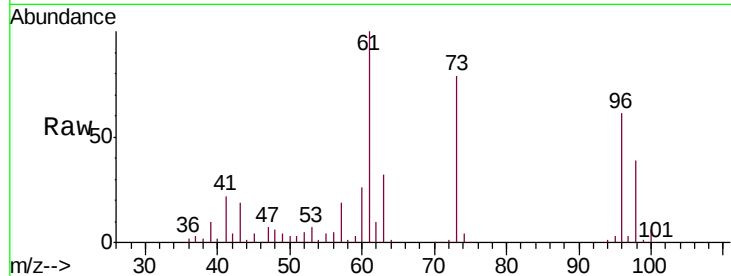
Tgt Ion: 96 Resp: 144375

Ion Ratio Lower Upper

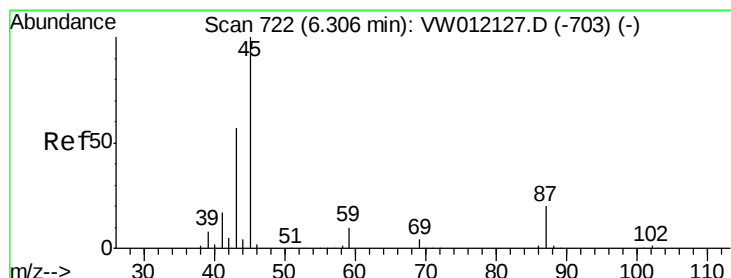
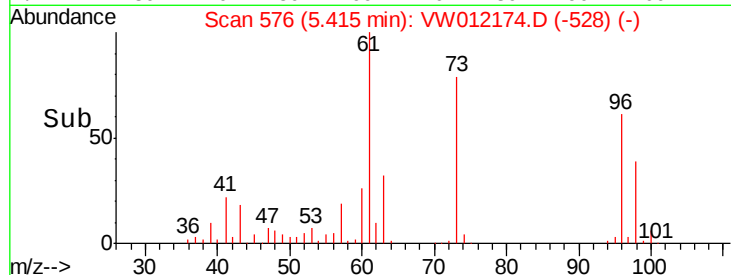
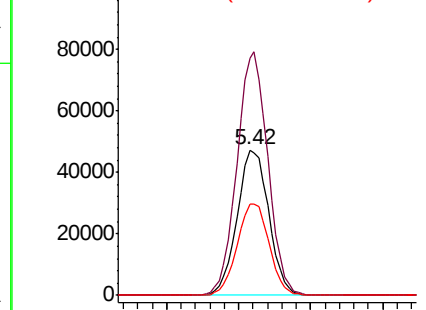
96 100

61 162.9 131.4 197.0

98 63.1 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: 54.019 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Tgt Ion: 45 Resp: 525708

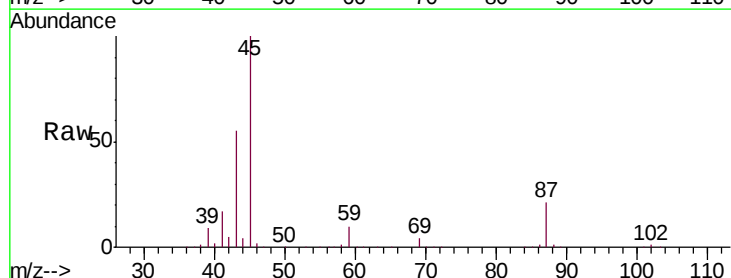
Ion Ratio Lower Upper

45 100

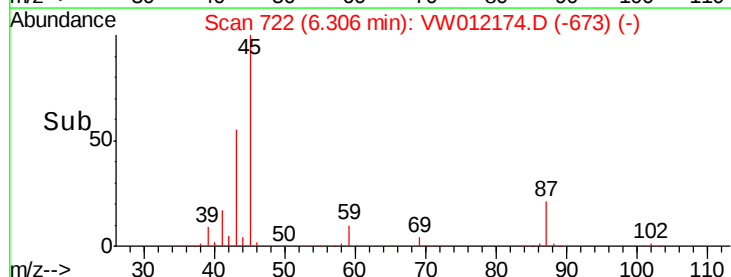
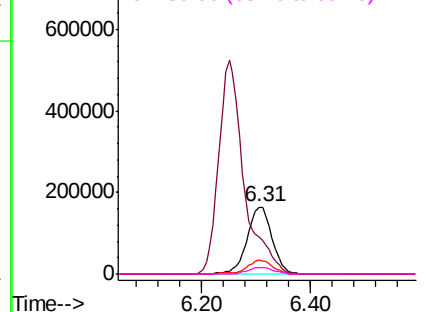
43 55.1 45.5 68.3

87 20.7 16.1 24.1

59 10.4 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: 281.754 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

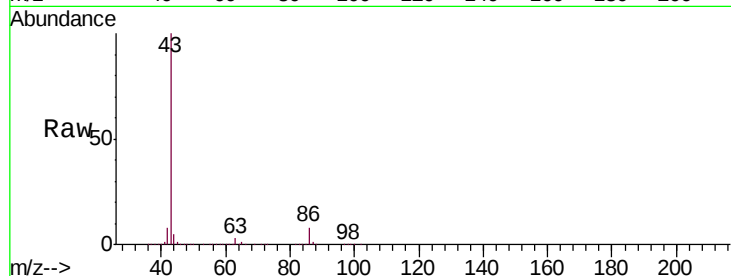
VSTDCCC050

Tgt Ion: 43 Resp: 1687483

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

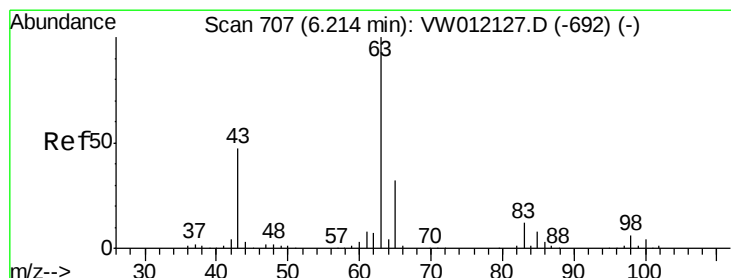
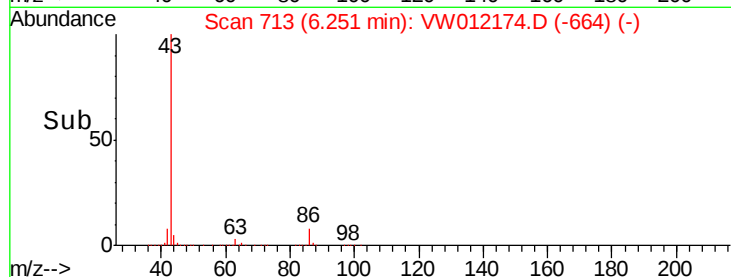
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.940 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

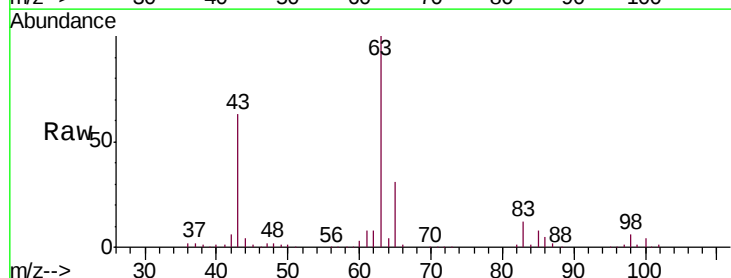
Tgt Ion: 63 Resp: 285822

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 3.8 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

6.21

120000

100000

80000

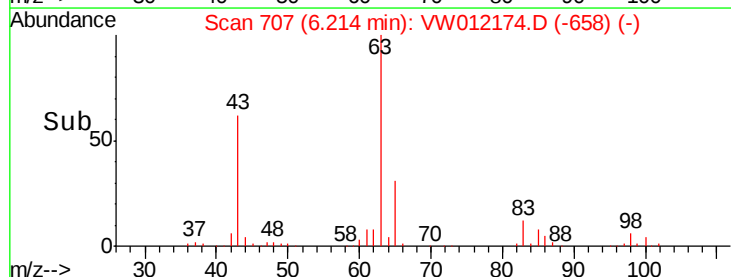
60000

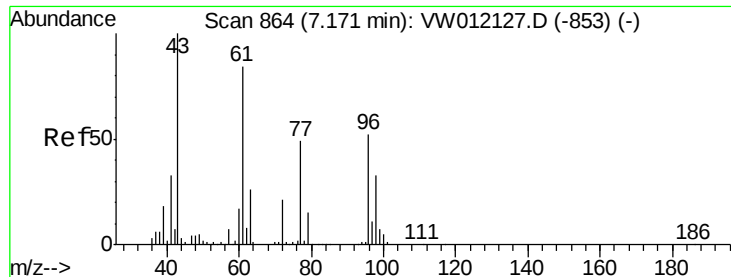
40000

20000

0

Time-->





#25

2-Butanone

Concen: 278.149 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

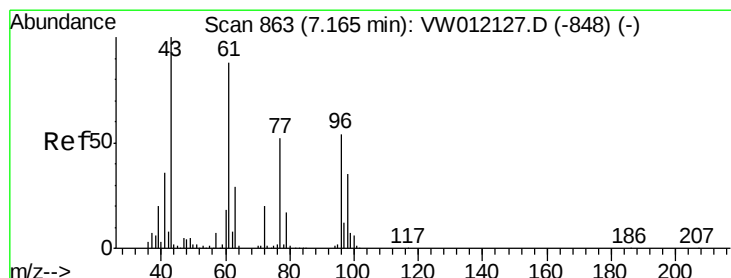
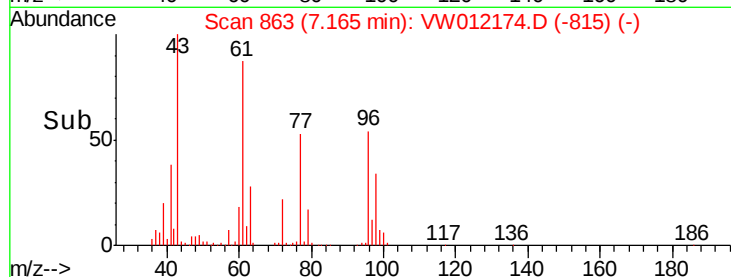
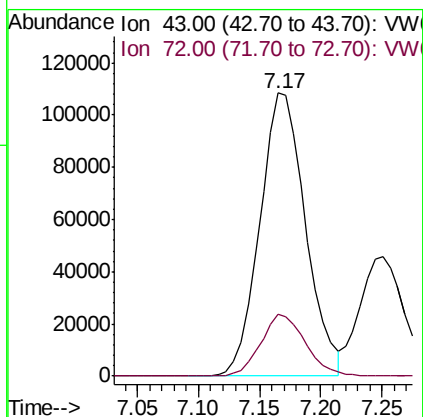
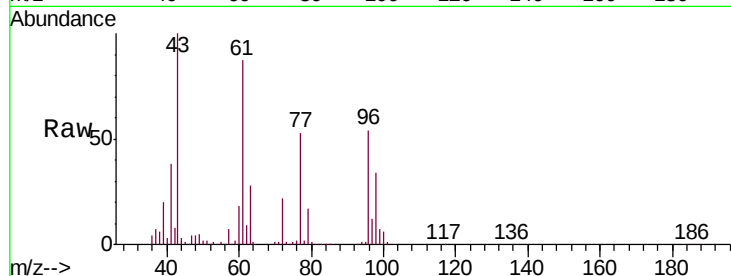
VSTDCCC050

Tgt Ion: 43 Resp: 281214

Ion Ratio Lower Upper

43 100

72 21.7 16.6 24.8



#26

2,2-Dichloropropane

Concen: 55.857 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012174.D

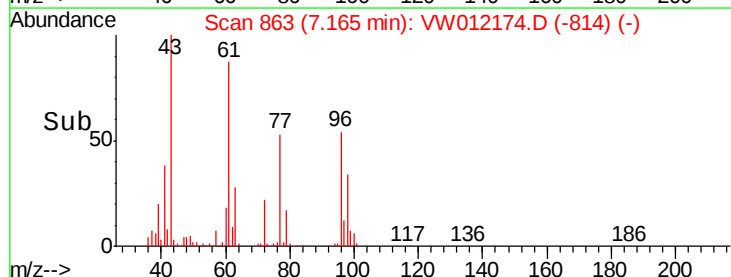
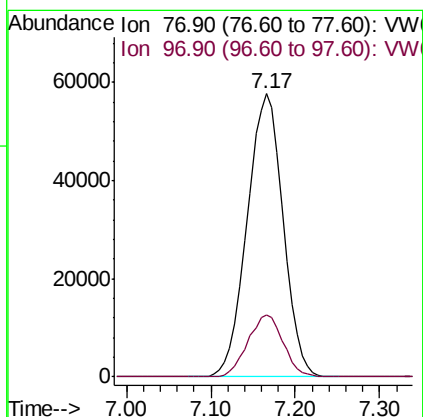
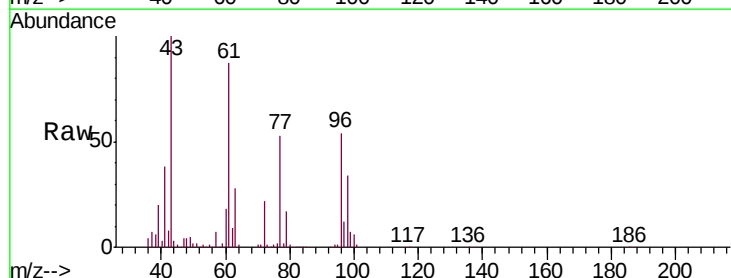
Acq: 26 Aug 2019 16:12

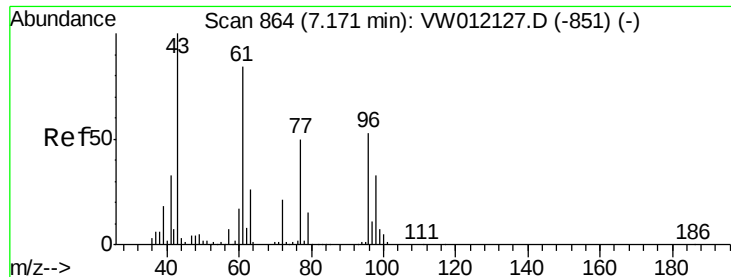
Tgt Ion: 77 Resp: 167528

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



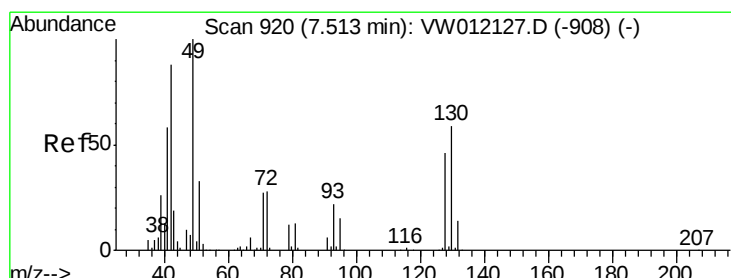
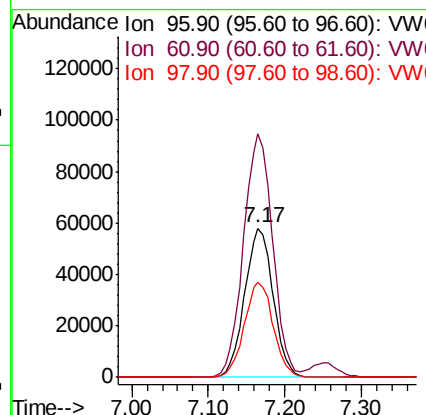
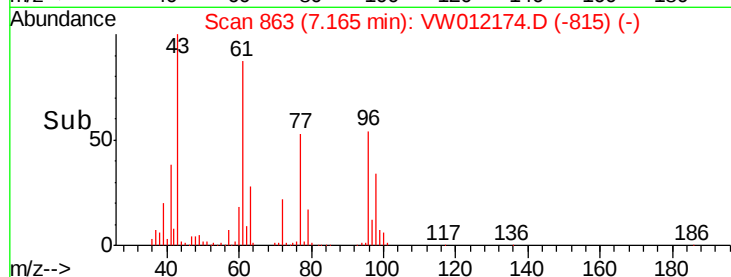
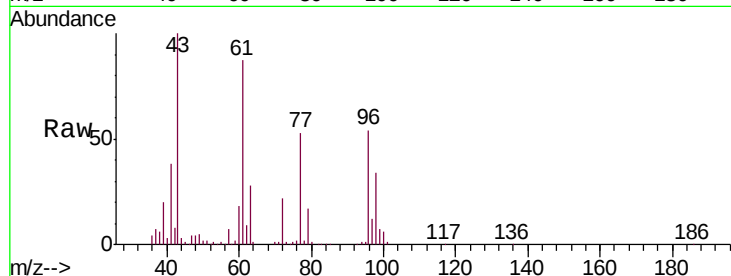


#27

cis-1,2-Dichloroethene
Concen: 53.392 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

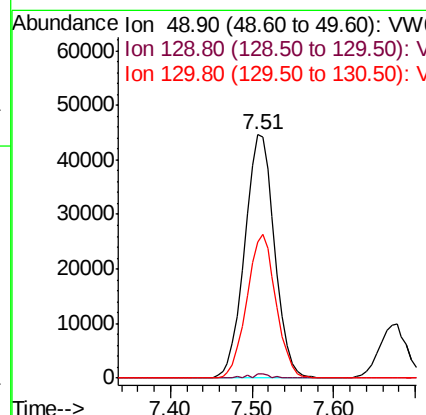
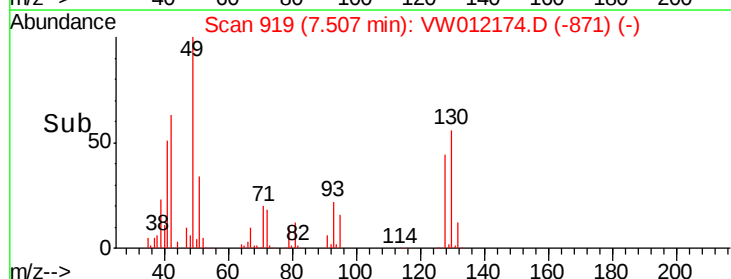
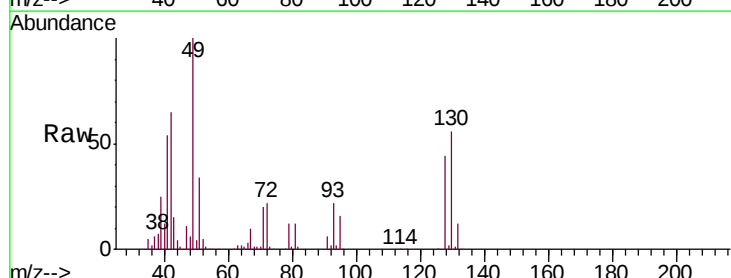
Tgt Ion: 96 Resp: 150230
Ion Ratio Lower Upper
96 100
61 167.1 0.0 326.6
98 64.8 0.0 127.4

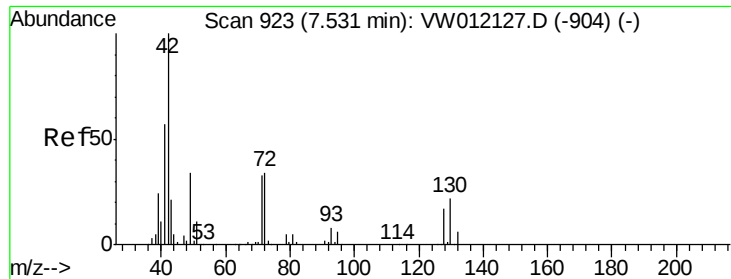


#28

Bromochloromethane
Concen: 49.101 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 49 Resp: 113399
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.4
130 57.5 45.5 68.3

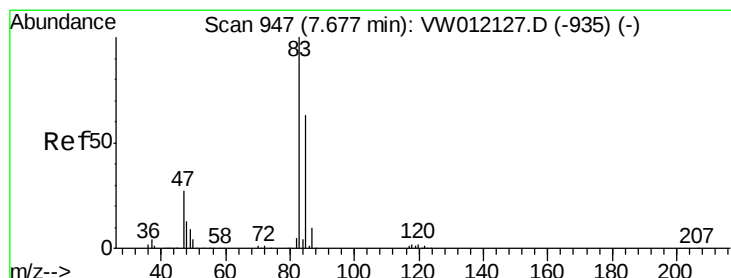
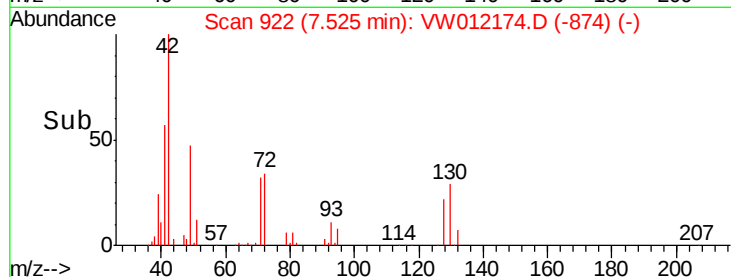
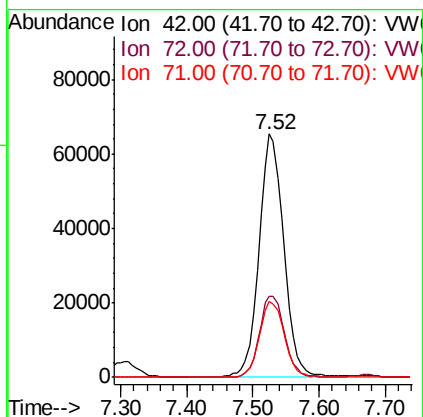
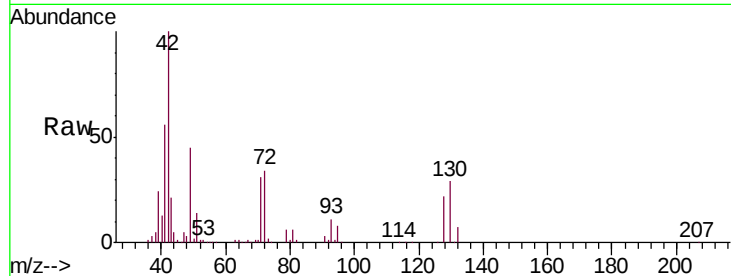




#29
Tetrahydrofuran
Concen: 279.167 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

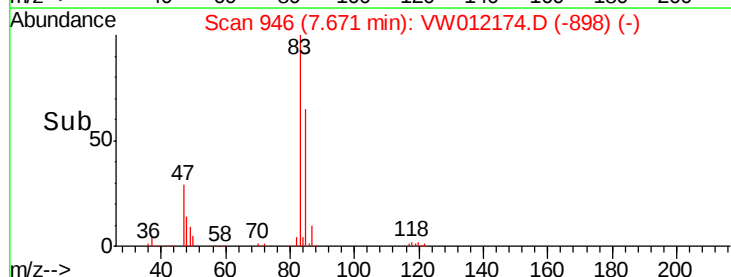
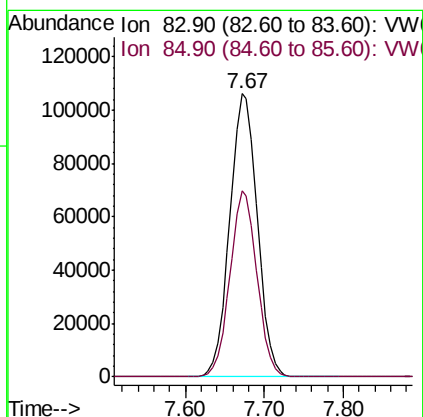
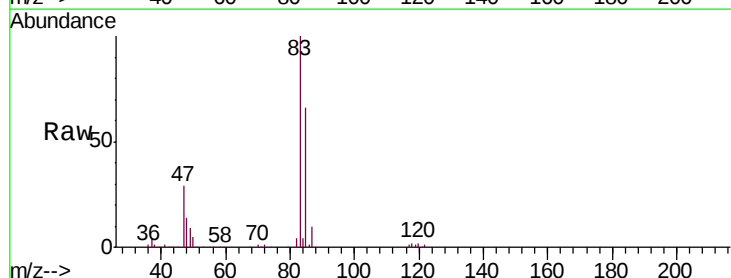
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

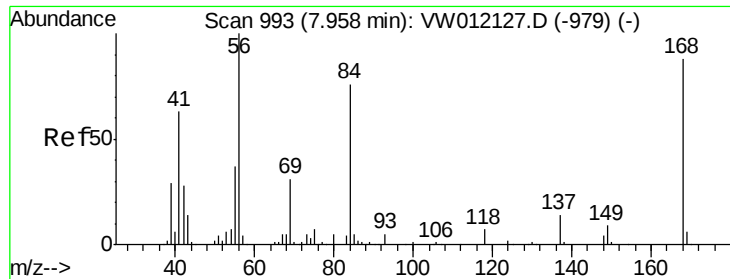
Tgt Ion: 42 Resp: 169334
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 31.6 25.5 38.3



#30
Chloroform
Concen: 53.268 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 83 Resp: 258242
Ion Ratio Lower Upper
83 100
85 65.6 50.6 76.0

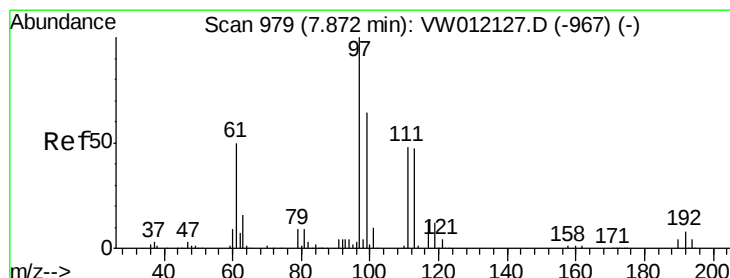
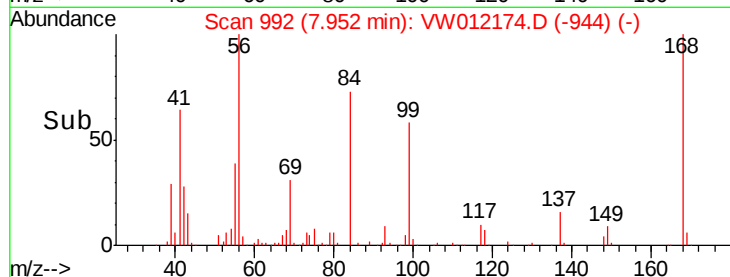
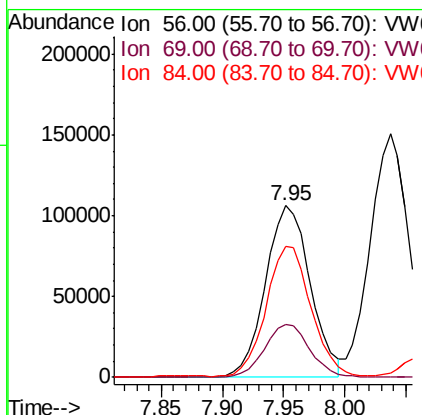
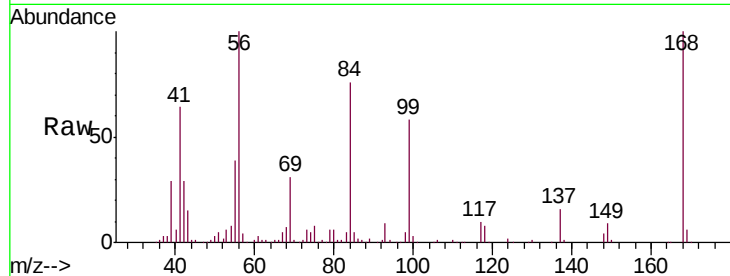




#31
Cyclohexane
Concen: 51.829 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

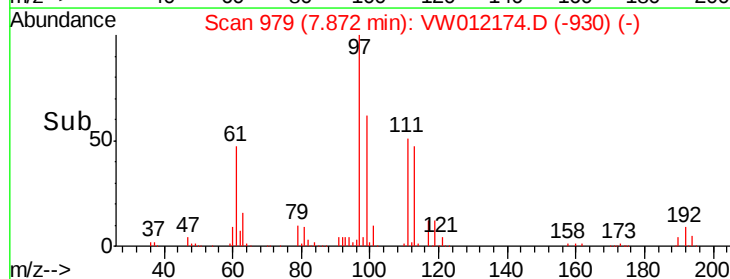
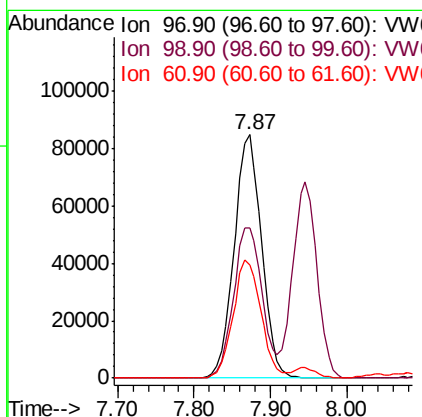
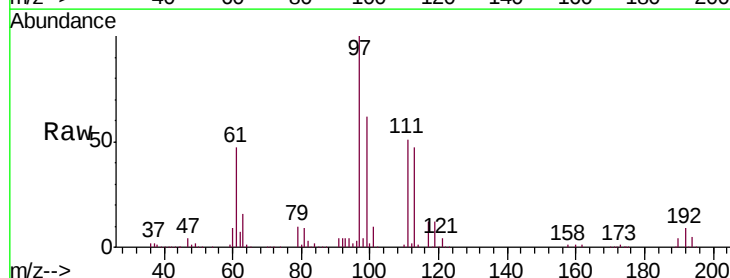
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 271718
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 74.7 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 54.870 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 97 Resp: 210430
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 49.5 39.5 59.3

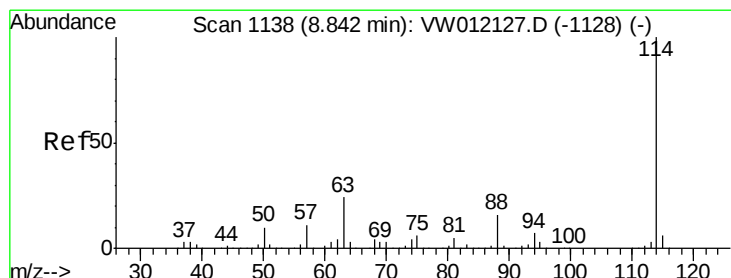
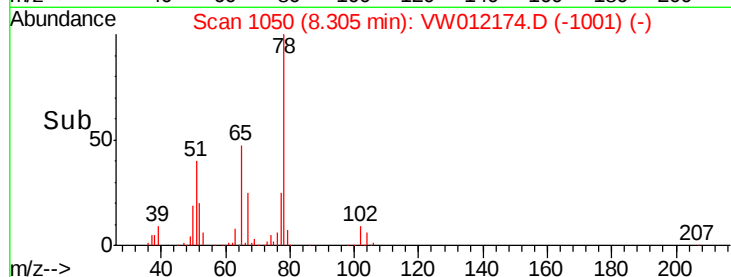
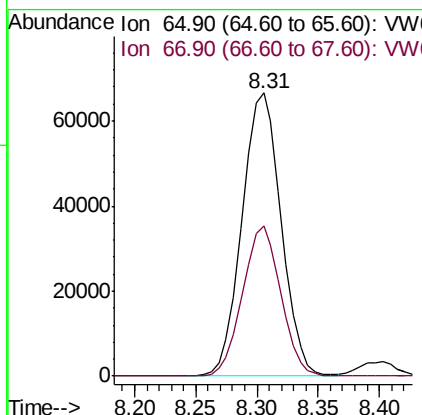
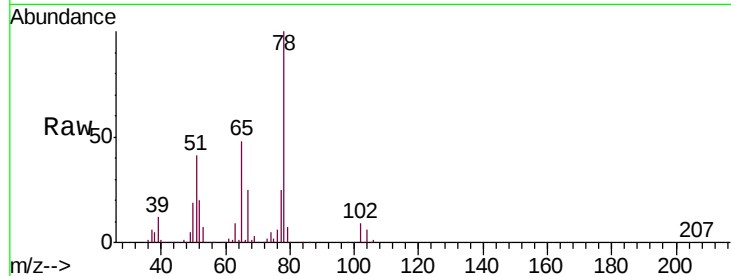




#33
 1,2-Dichloroethane-d4
 Concen: 50.921 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

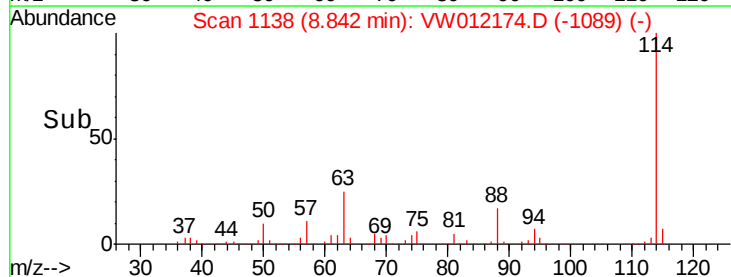
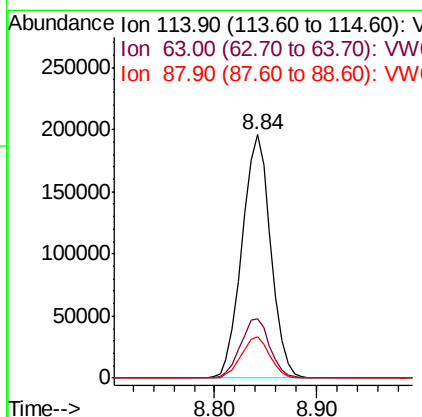
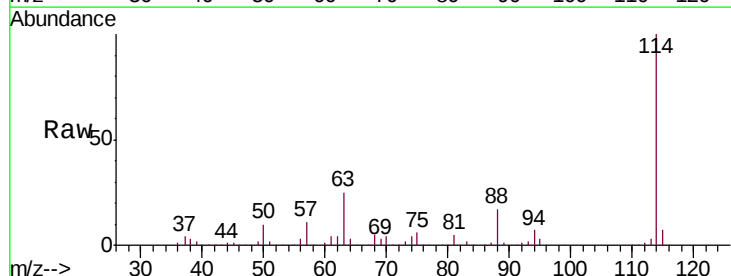
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 148210
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 114 Resp: 382197
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 17.2 0.0 32.2

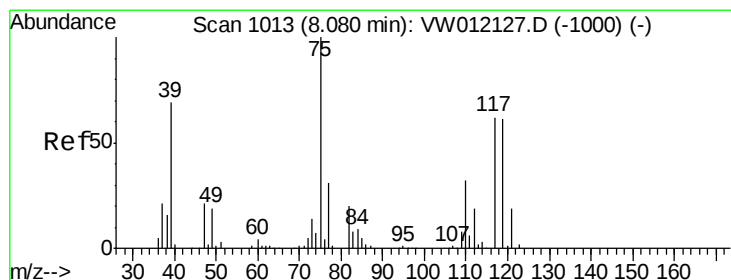
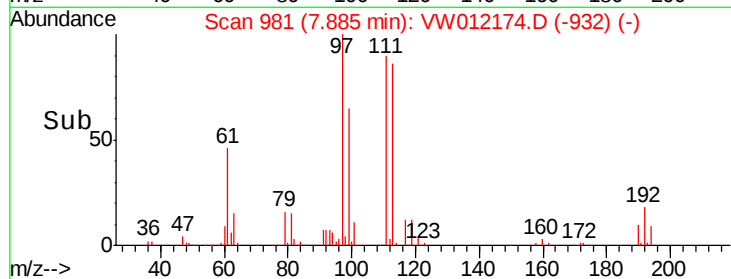
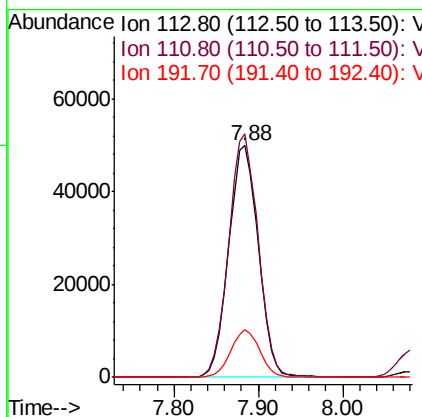
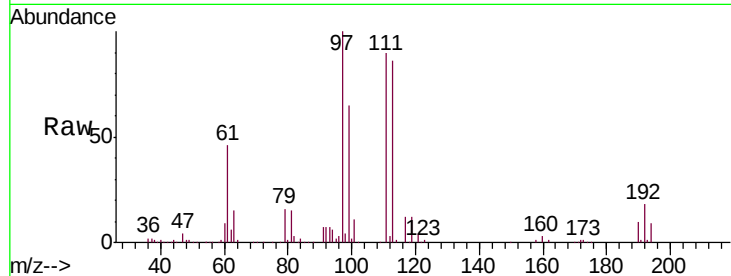




#35
 Dibromofluoromethane
 Concen: 52.224 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

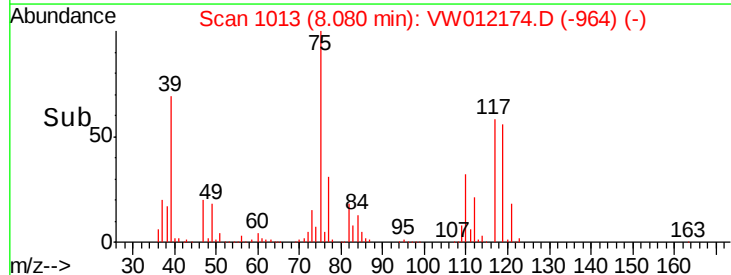
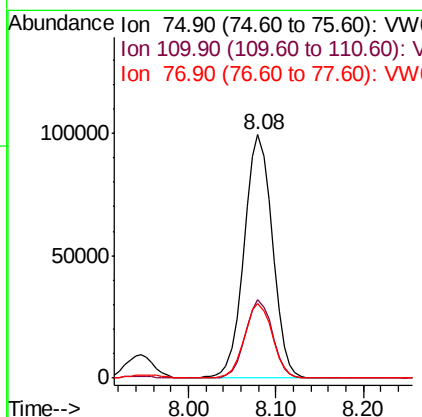
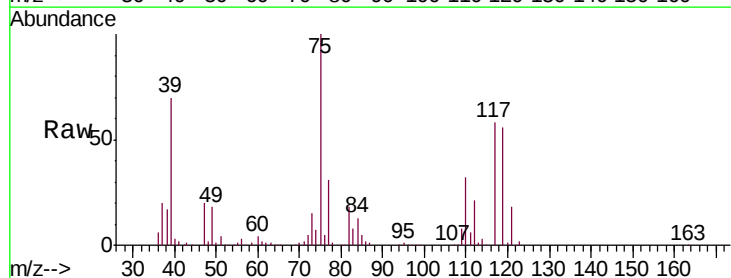
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

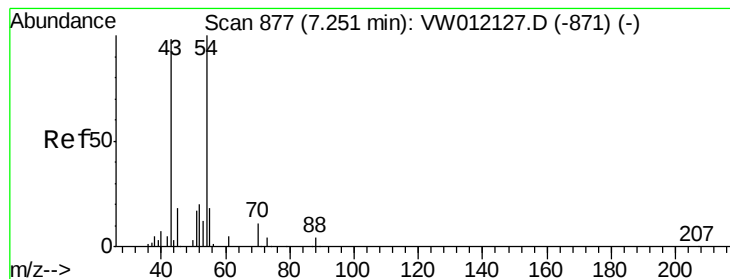
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 56.491 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.0	15.6	46.8
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 54.767 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

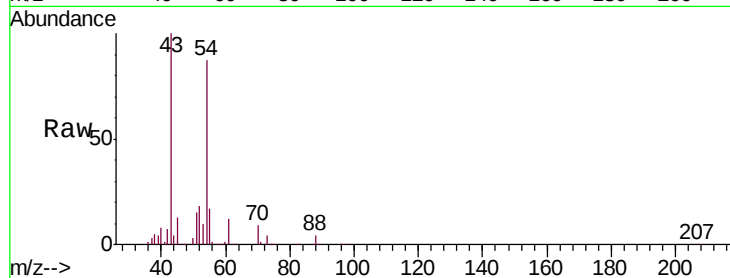
Tgt Ion: 43 Resp: 118532

Ion Ratio Lower Upper

43 100

61 12.1 9.2 13.8

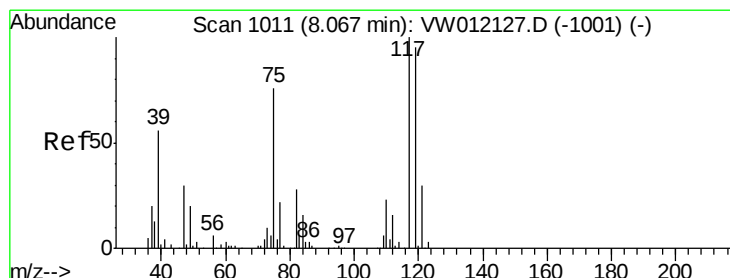
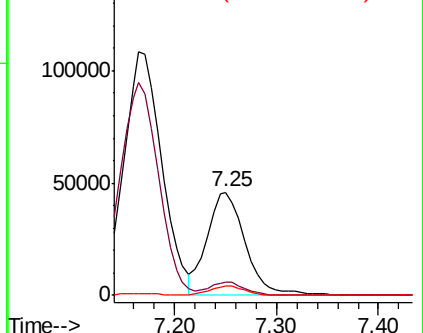
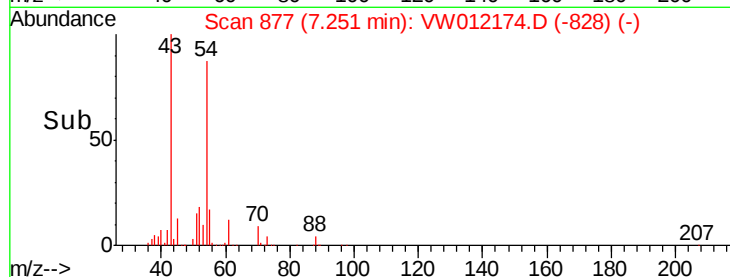
70 8.9 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 56.582 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

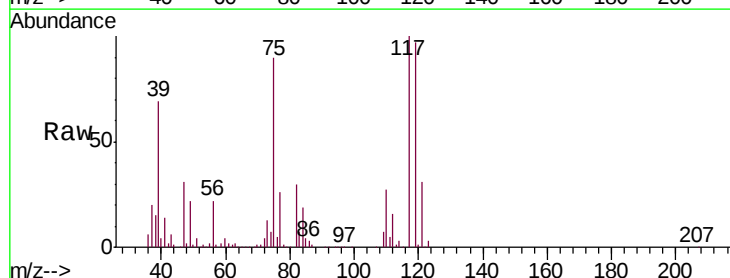
Tgt Ion: 117 Resp: 193422

Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.2

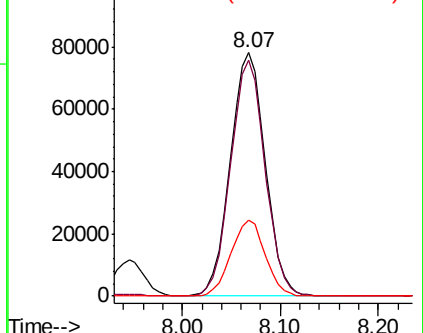
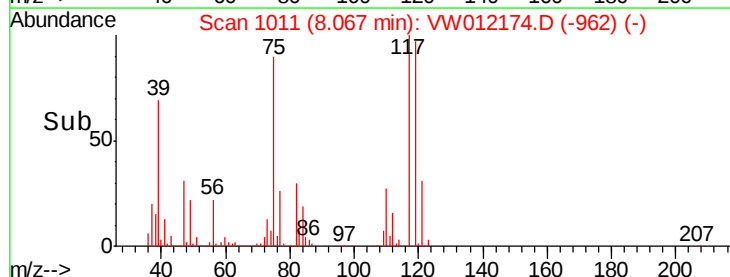
121 31.0 23.8 35.8

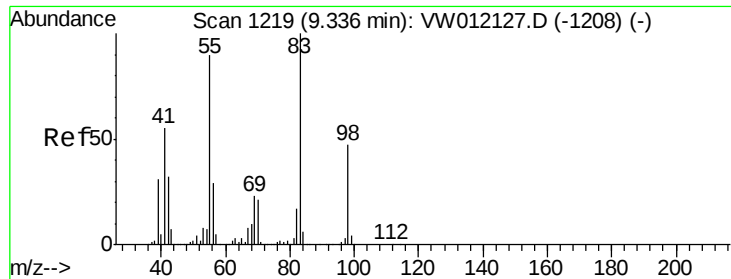


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

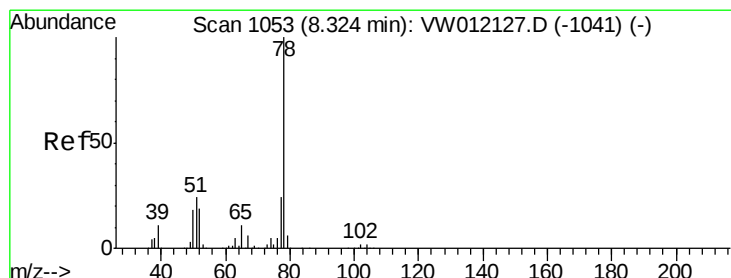
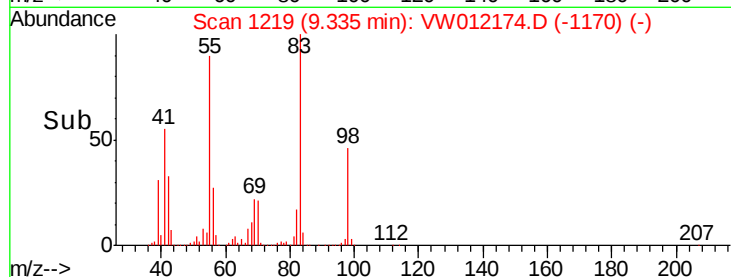
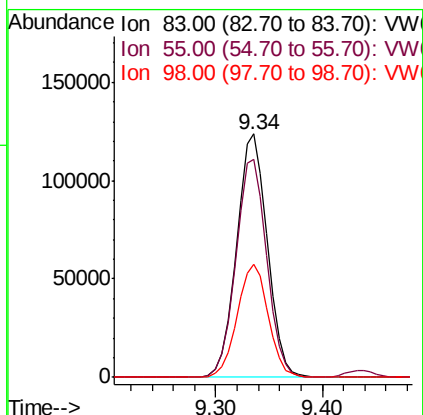
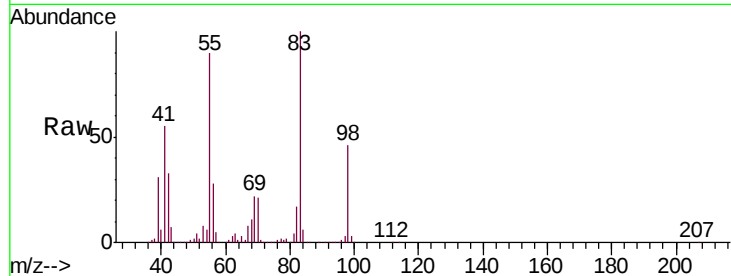




#39
Methylcyclohexane
Concen: 56.662 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

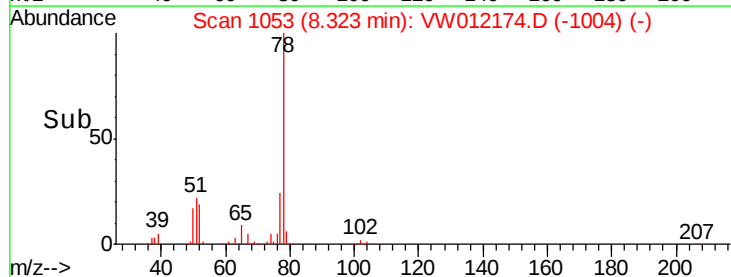
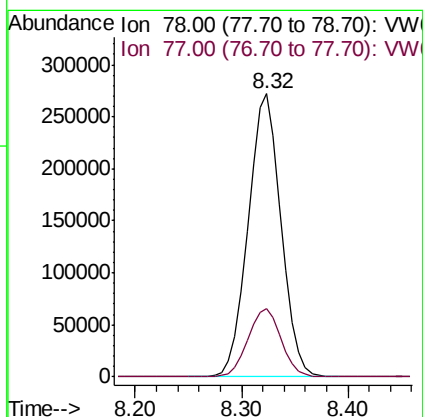
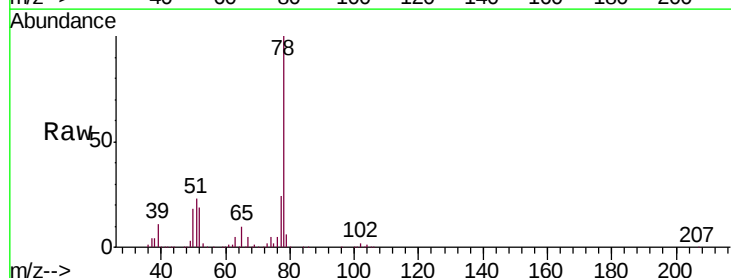
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 251409
Ion Ratio Lower Upper
83 100
55 89.7 71.8 107.8
98 46.2 37.8 56.8



#40
Benzene
Concen: 54.488 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 78 Resp: 587627
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3





#41

Methacrylonitrile

Concen: 56.968 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 41 Resp: 72466

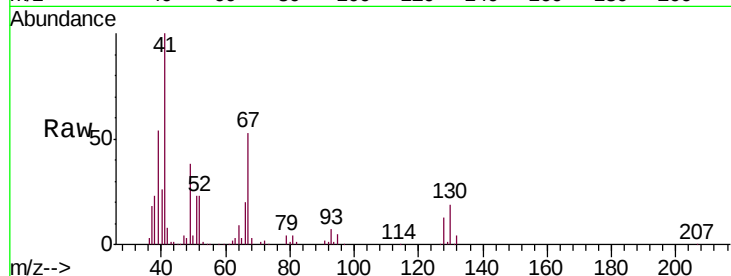
Ion Ratio Lower Upper

41 100

39 58.8 45.8 68.8

67 57.0 46.2 69.4

52 25.7 21.0 31.6

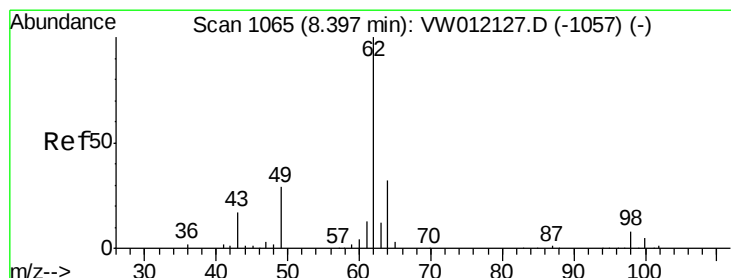
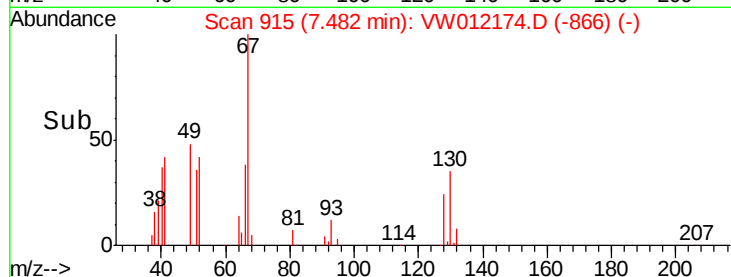
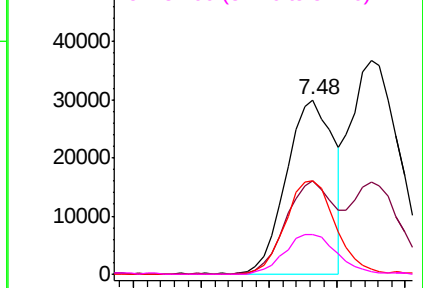


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 54.564 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012174.D

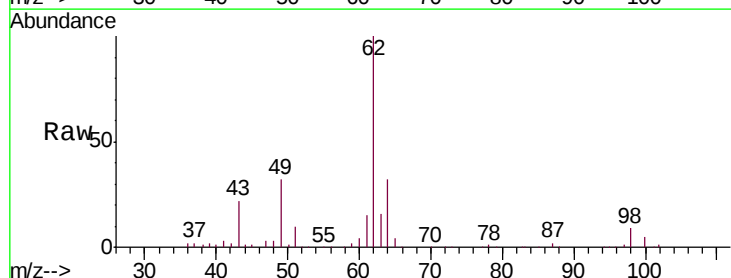
Acq: 26 Aug 2019 16:12

Tgt Ion: 62 Resp: 184425

Ion Ratio Lower Upper

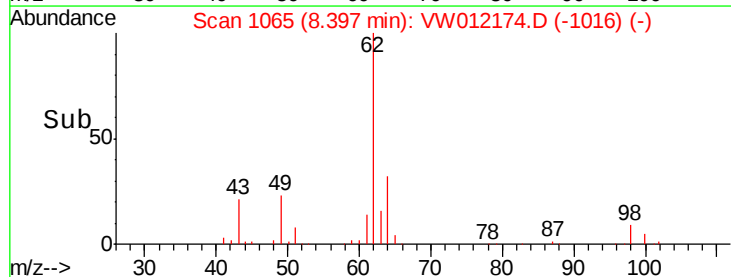
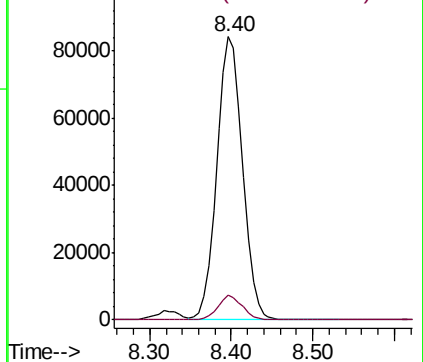
62 100

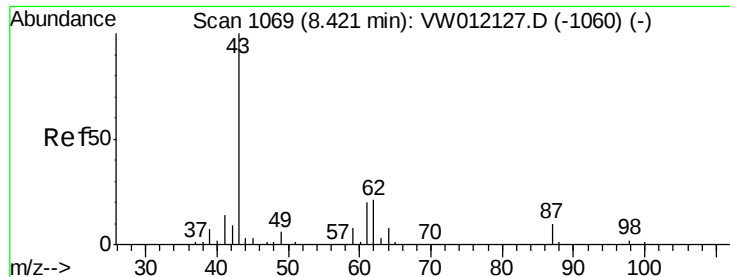
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.153 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

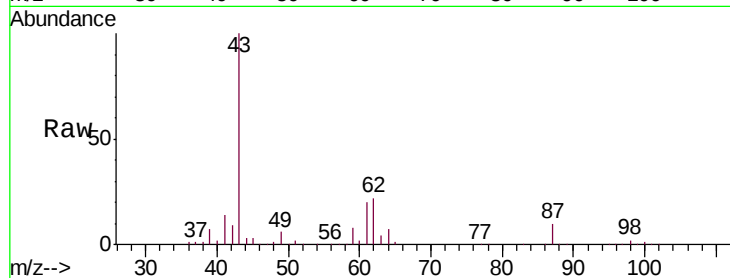
Tgt Ion: 43 Resp: 221105

Ion Ratio Lower Upper

43 100

61 27.3 21.1 31.7

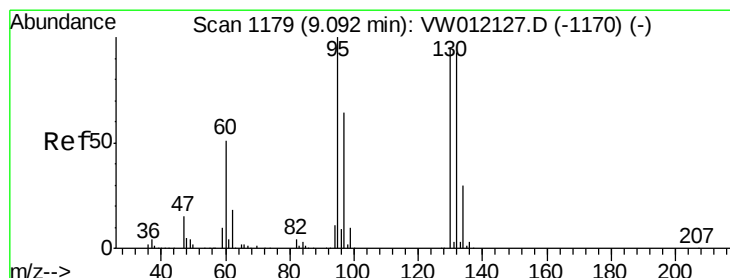
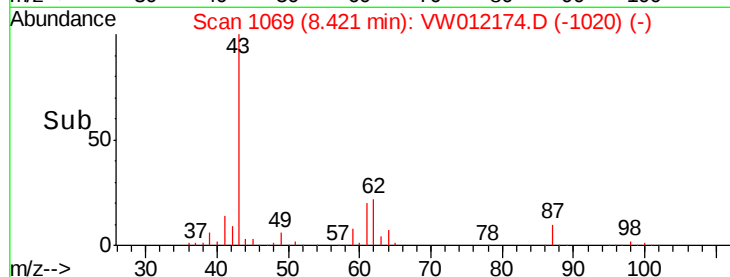
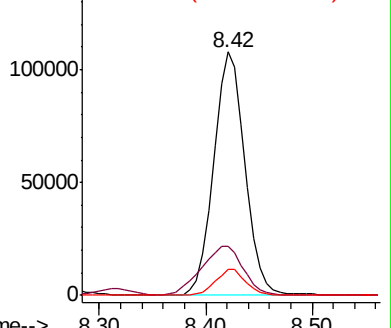
87 10.3 8.2 12.2



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: 55.486 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012174.D

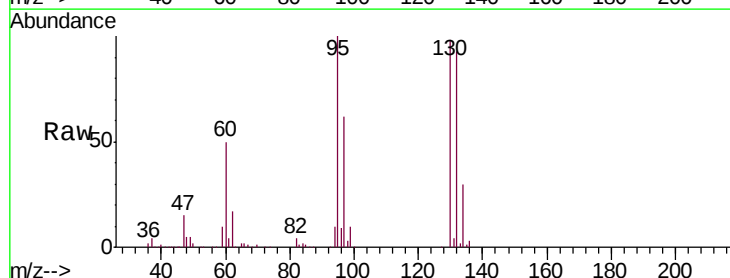
Acq: 26 Aug 2019 16:12

Tgt Ion: 130 Resp: 145468

Ion Ratio Lower Upper

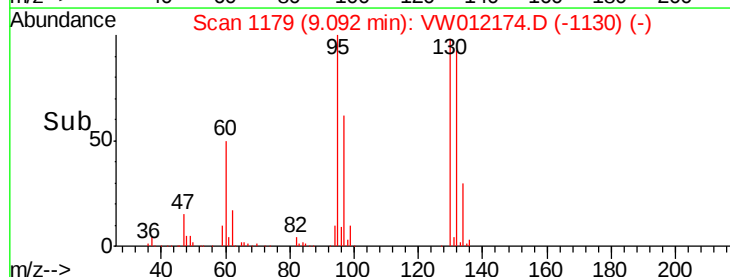
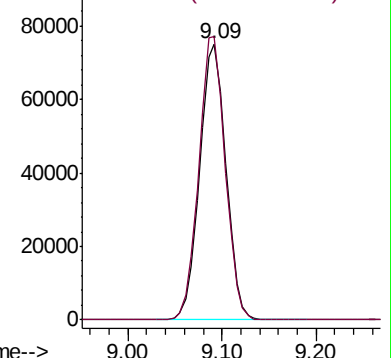
130 100

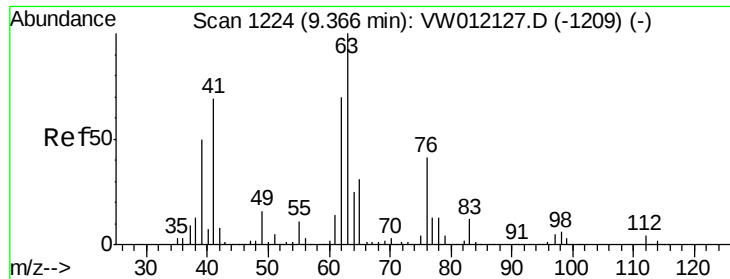
95 102.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

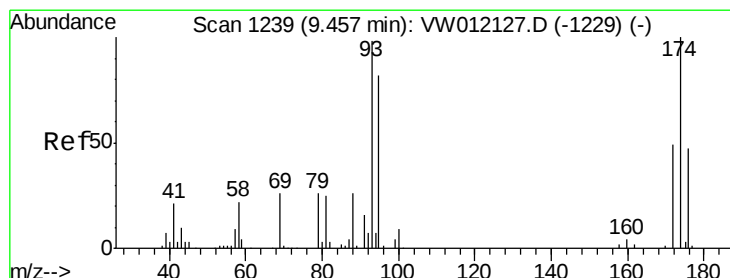
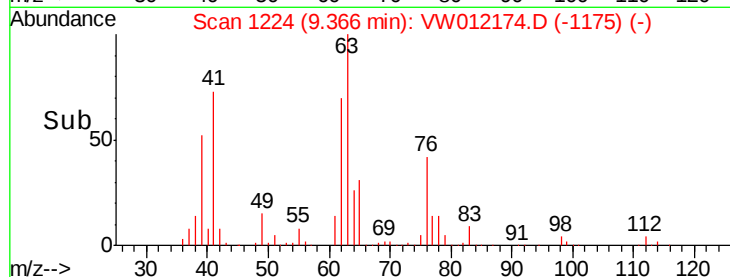
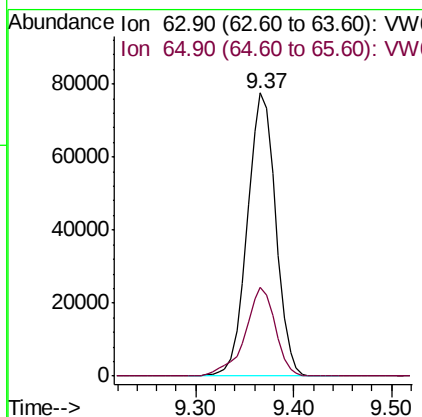
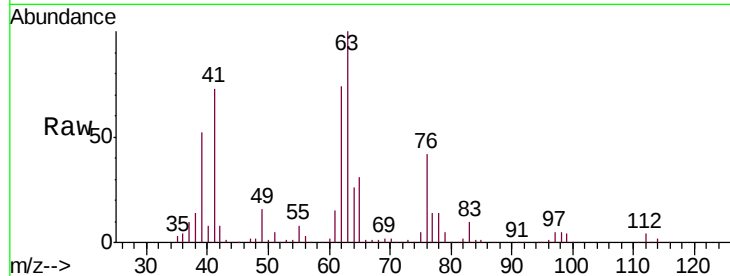




#45
 1,2-Dichloropropane
 Concen: 53.748 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

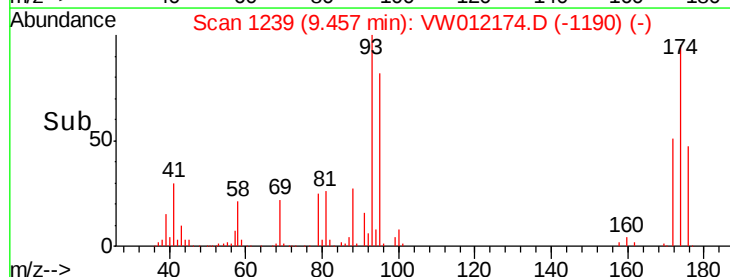
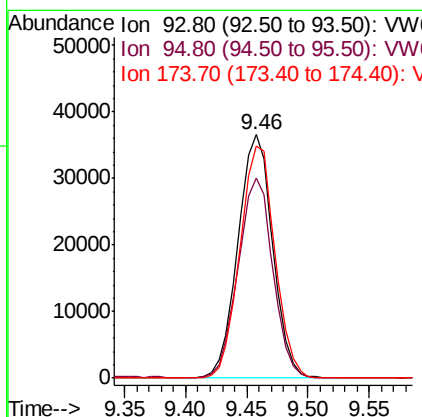
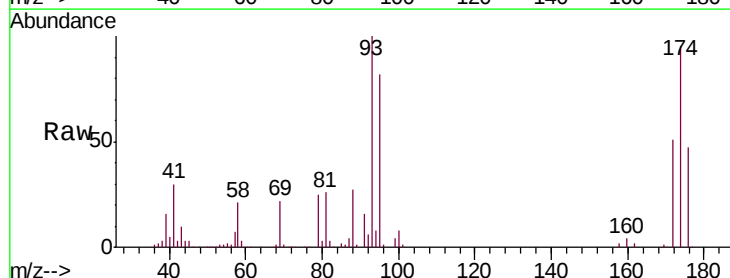
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 156000
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 55.797 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 93 Resp: 72055
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 96.4 79.0 118.6





#47

Bromodichloromethane

Concen: 55.151 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

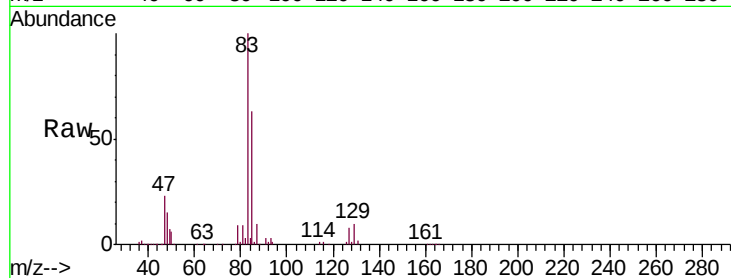
Tgt Ion: 83 Resp: 189550

Ion Ratio Lower Upper

83 100

85 63.0 49.4 74.2

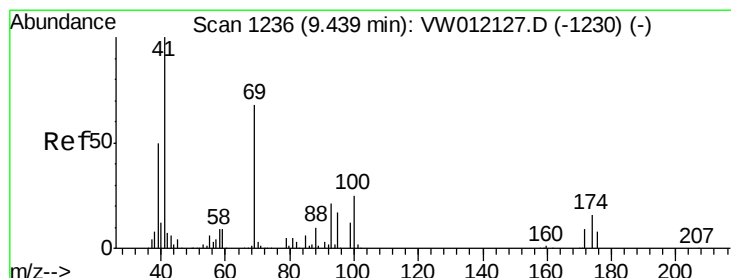
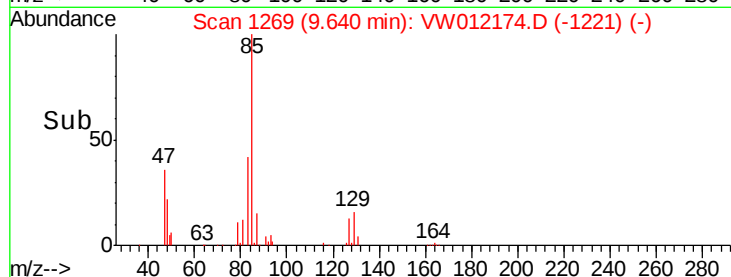
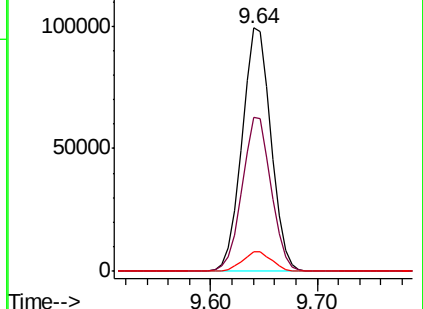
127 8.3 6.1 9.1



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: 56.889 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

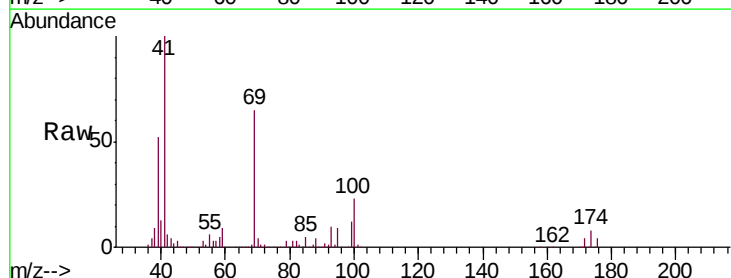
Tgt Ion: 41 Resp: 108548

Ion Ratio Lower Upper

41 100

69 70.3 56.7 85.1

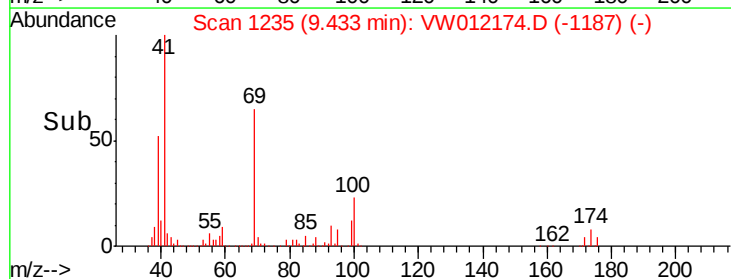
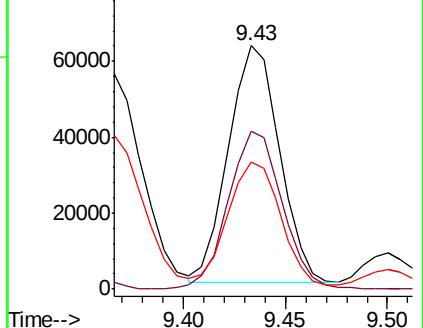
39 52.9 42.0 63.0

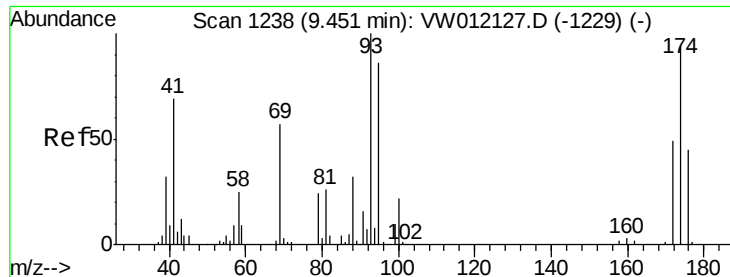


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

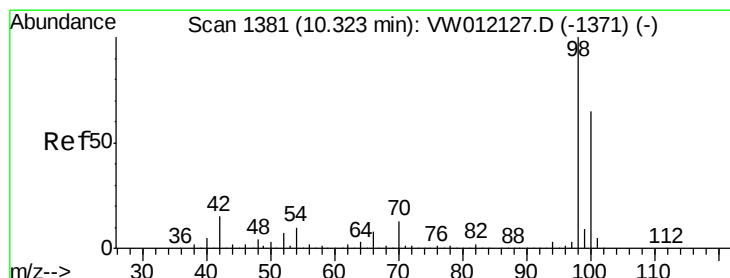
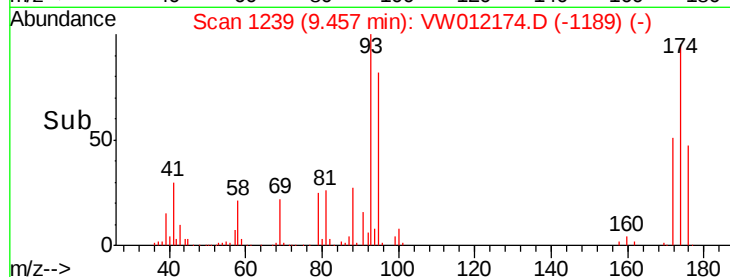
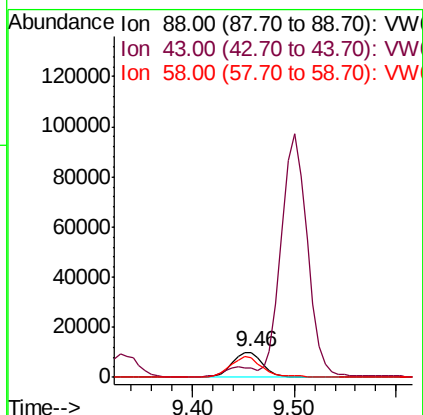
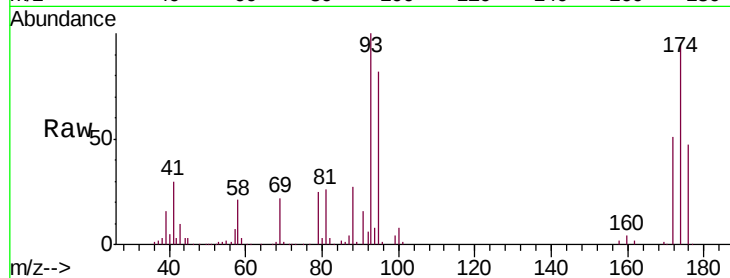




#49
1,4-Dioxane
Concen: 1062.487 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

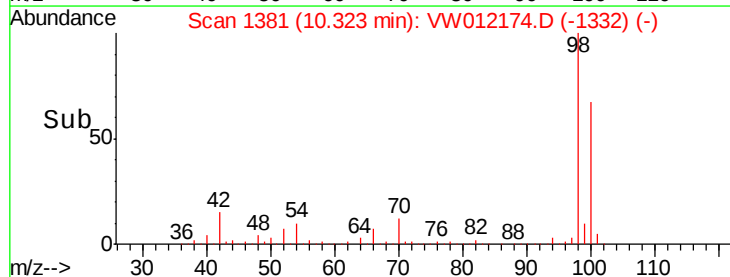
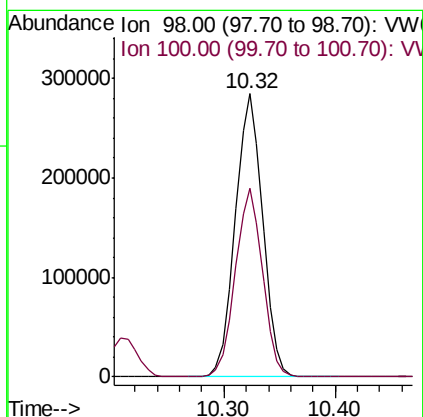
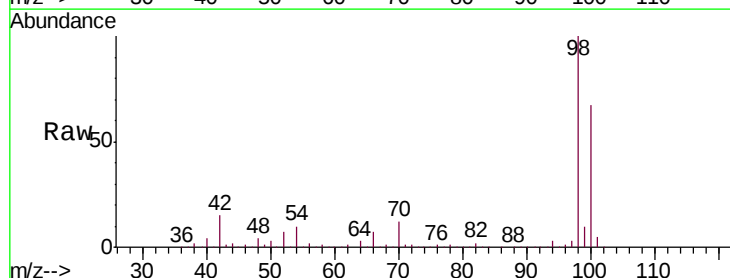
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21005
Ion Ratio Lower Upper
88 100
43 41.0 32.9 49.3
58 85.6 71.0 106.4



#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 98 Resp: 483807
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

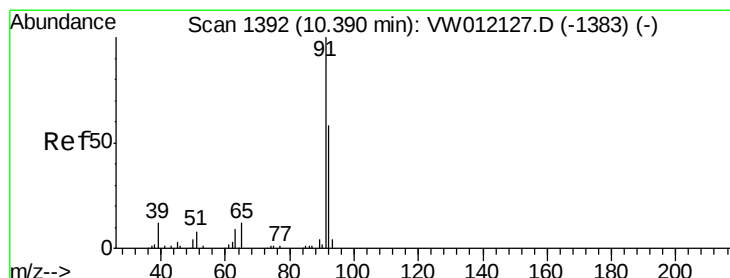
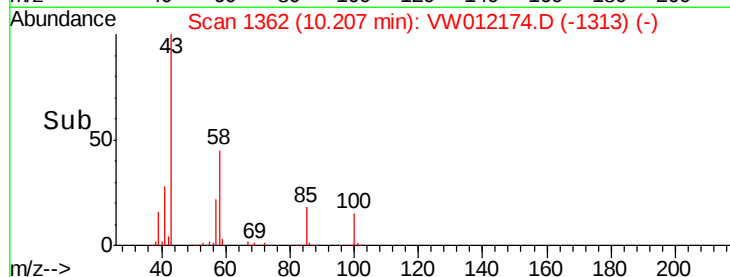
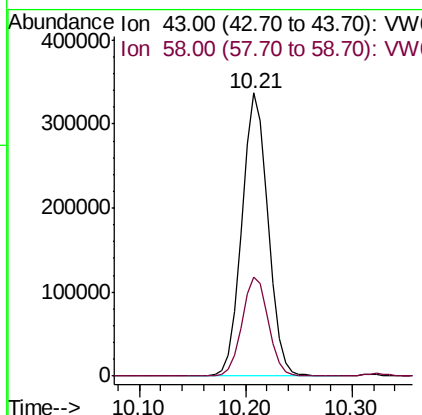
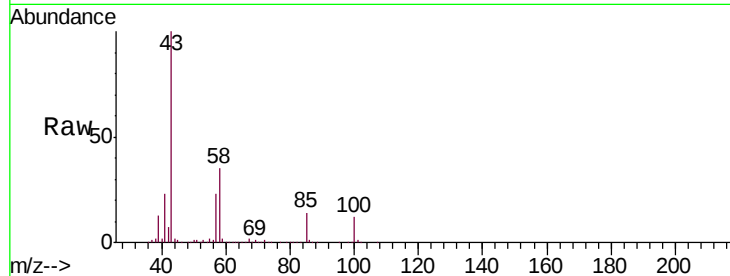




#51
 4-Methyl-2-Pentanone
 Concen: 284.626 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

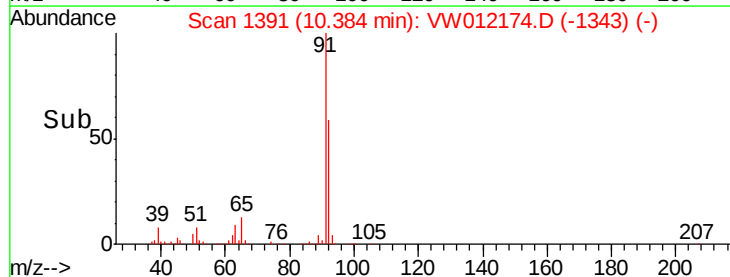
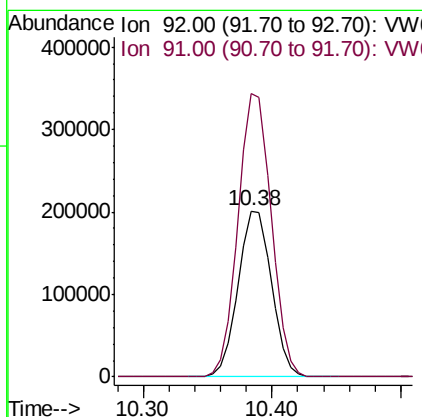
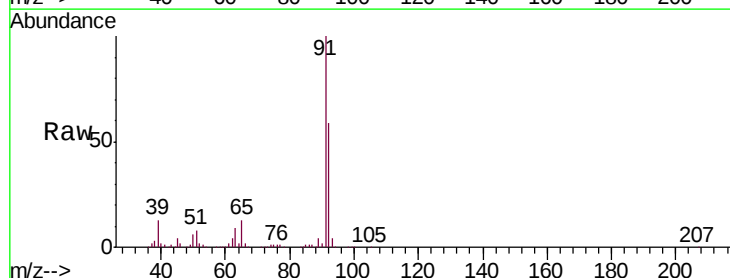
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

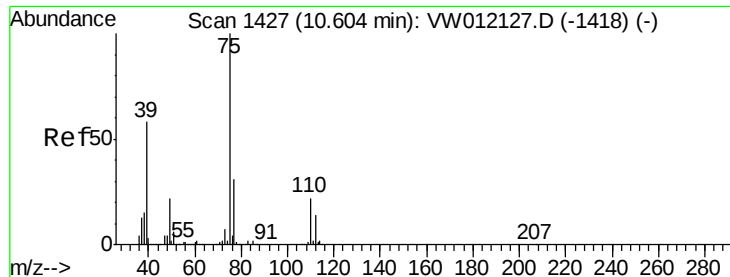
Tgt Ion: 43 Resp: 580376
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#52
 Toluene
 Concen: 55.672 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 92 Resp: 360684
 Ion Ratio Lower Upper
 92 100
 91 170.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 56.645 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

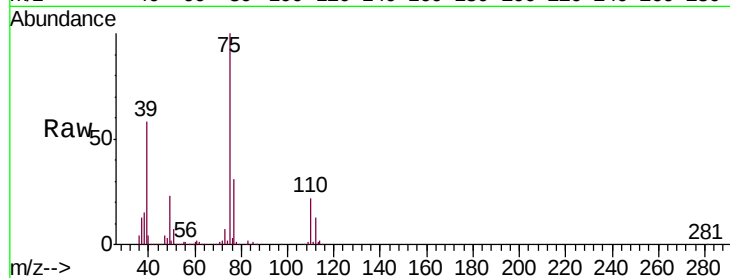
VSTDCCC050

Tgt Ion: 75 Resp: 198311

Ion Ratio Lower Upper

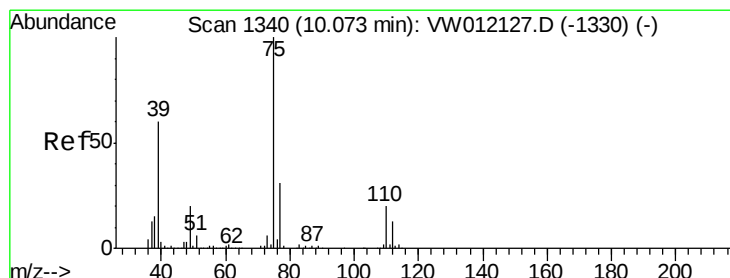
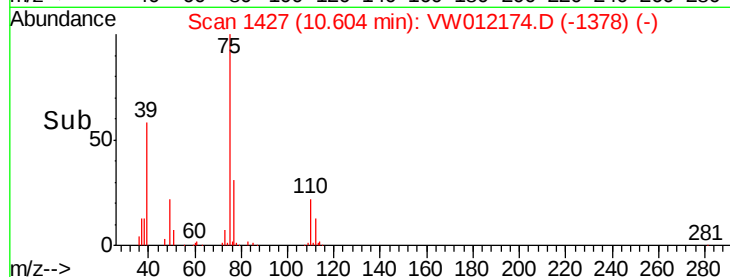
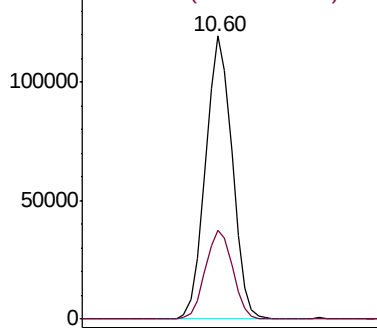
75 100

77 31.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 56.066 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

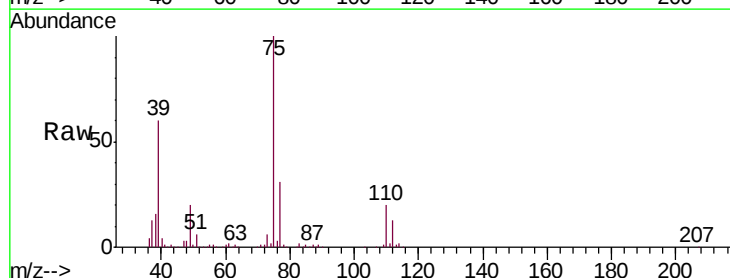
Tgt Ion: 75 Resp: 237001

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

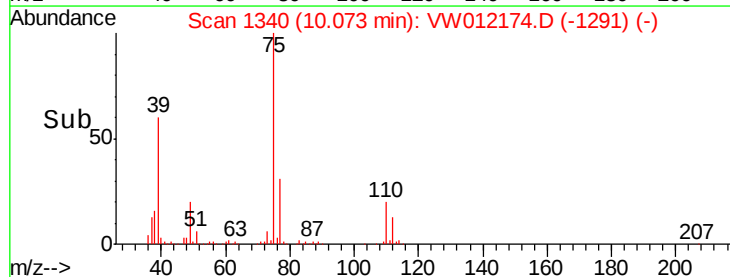
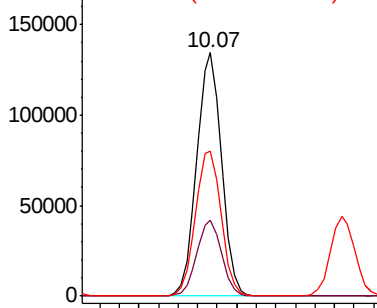
39 59.5 48.3 72.5

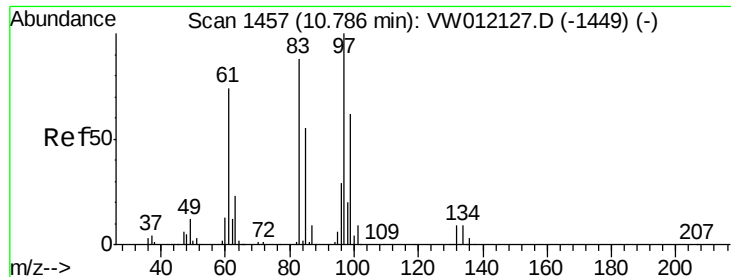


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

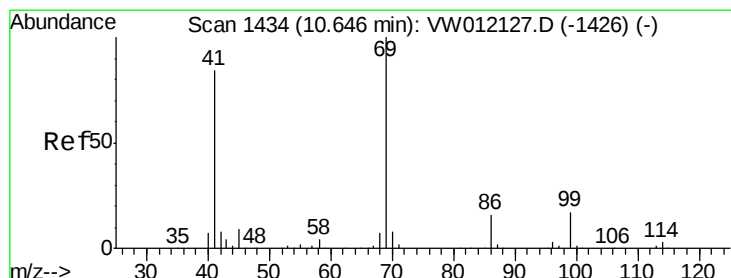
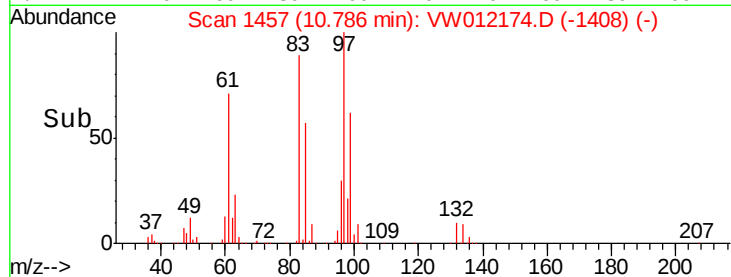
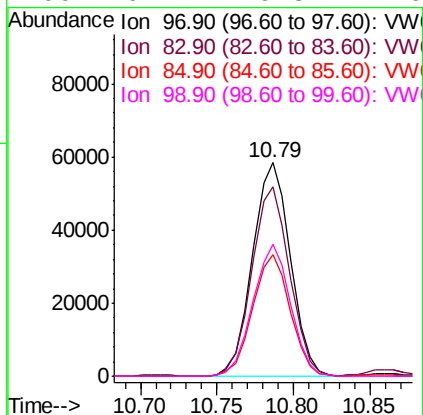
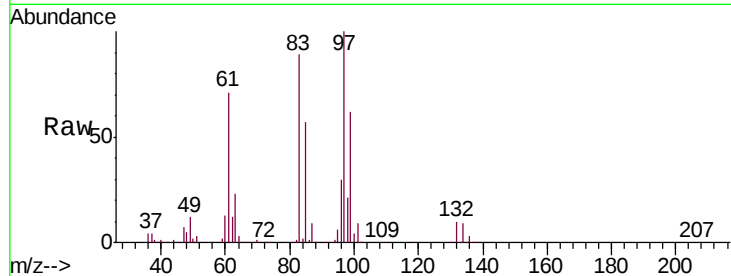




#55
 1,1,2-Trichloroethane
 Concen: 55.065 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

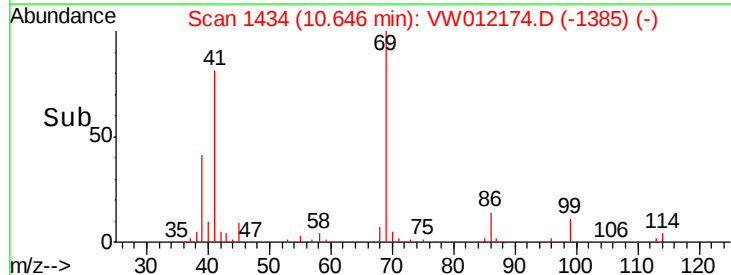
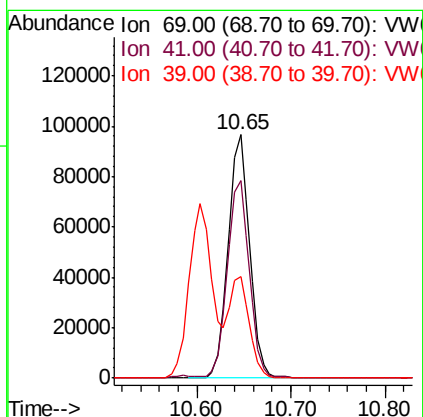
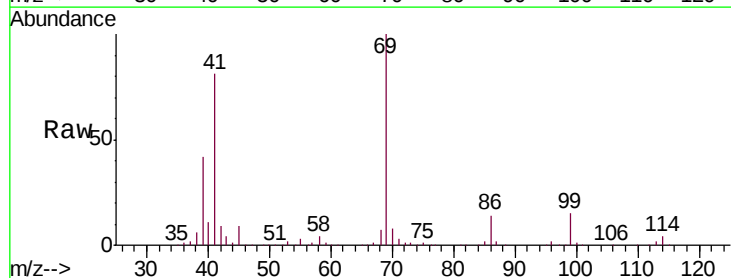
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

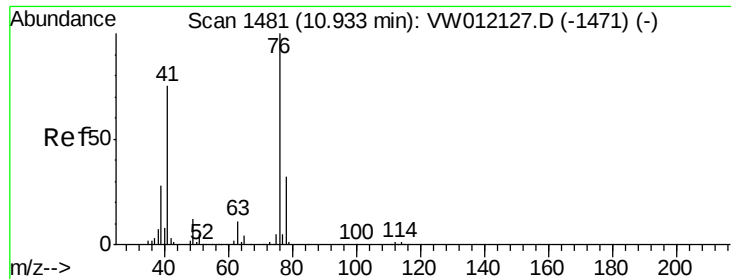
Tgt Ion:	97	Resp:	100611
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.8	106.2
85	57.2	43.8	65.8
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 57.484 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion:	69	Resp:	152864
Ion	Ratio	Lower	Upper
69	100		
41	82.6	66.5	99.7
39	37.9	31.0	46.4

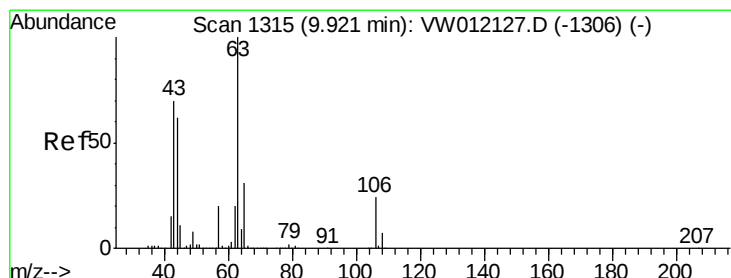
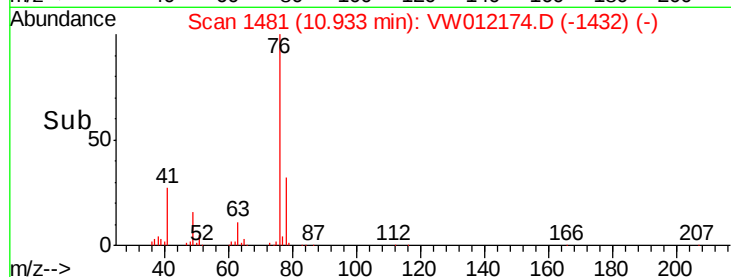
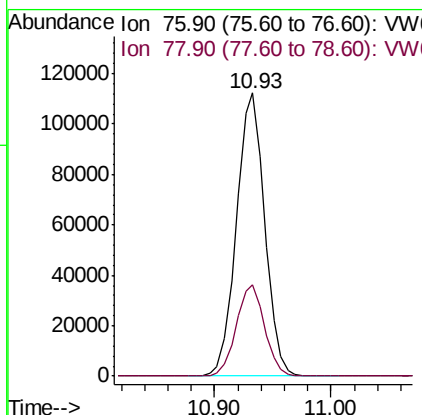
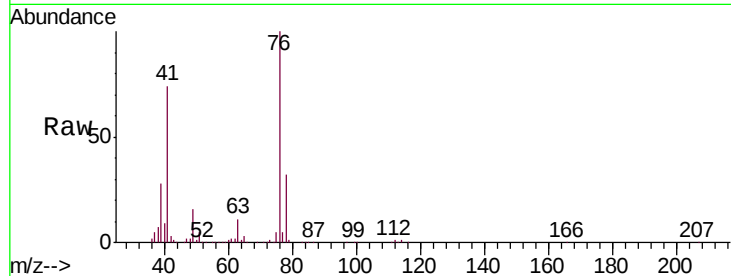




#57
 1,3-Dichloropropane
 Concen: 54.913 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

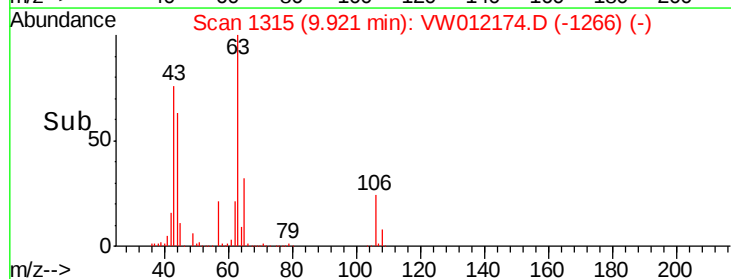
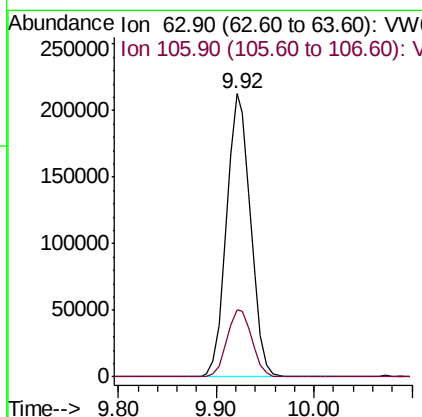
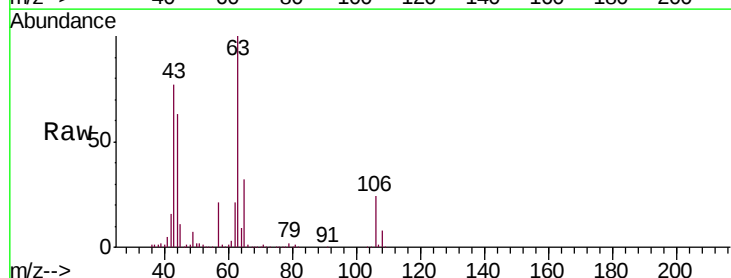
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

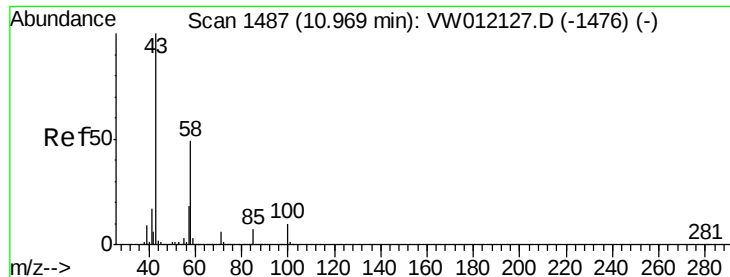
Tgt Ion: 76 Resp: 189605
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.849 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 63 Resp: 360096
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.8

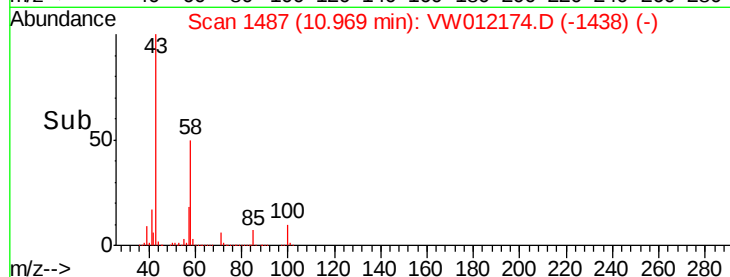
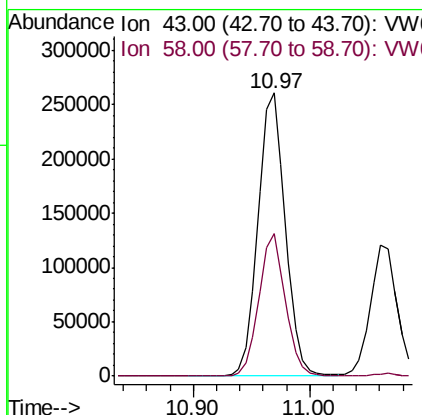
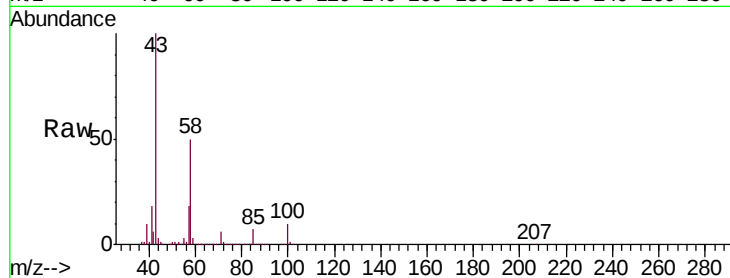




#59
2-Hexanone
Concen: 293.316 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

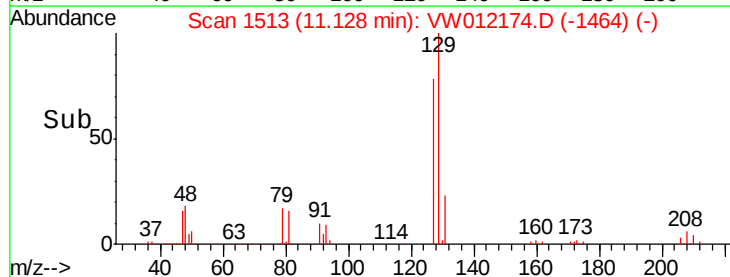
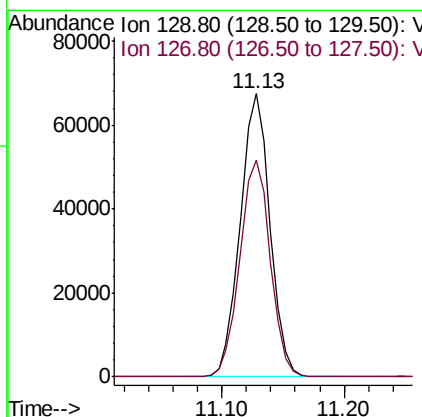
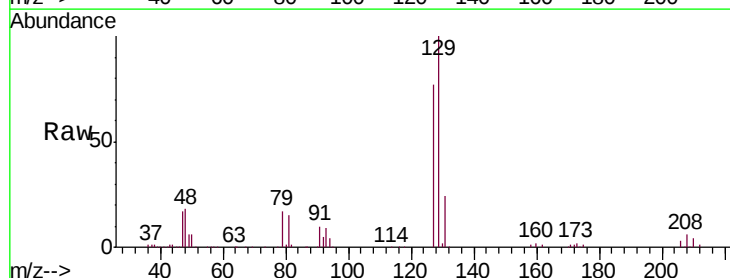
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

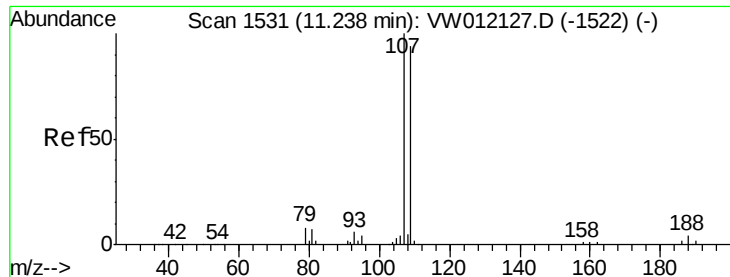
Tgt Ion: 43 Resp: 423191
Ion Ratio Lower Upper
43 100
58 48.7 24.3 72.9



#60
Dibromochloromethane
Concen: 55.819 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 129 Resp: 113598
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

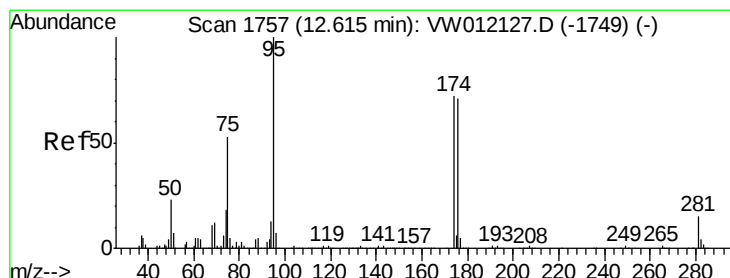
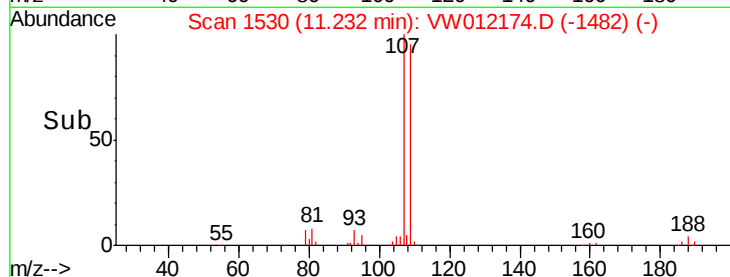
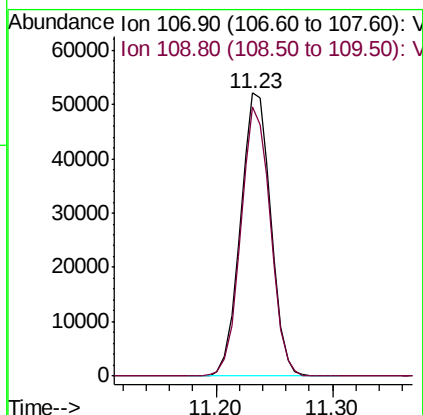
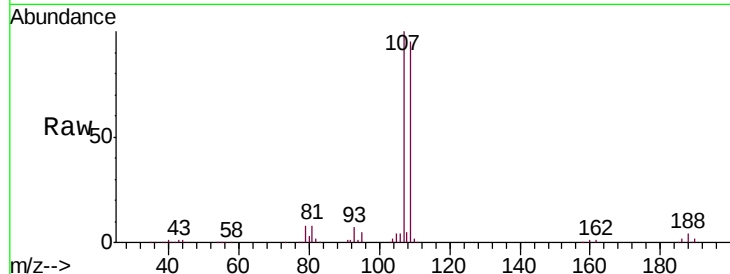




#61
 1,2-Dibromoethane
 Concen: 55.507 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

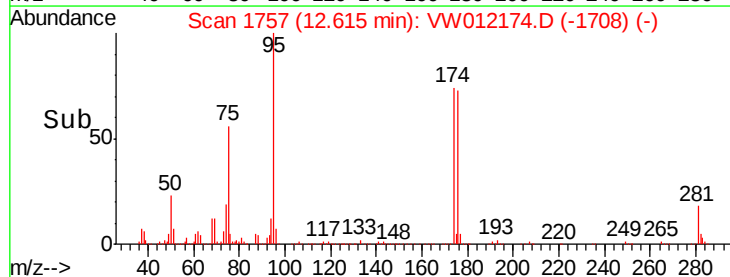
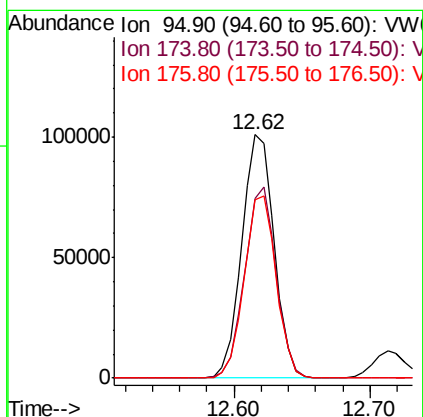
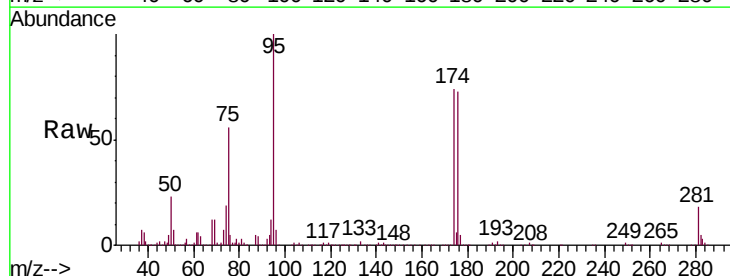
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

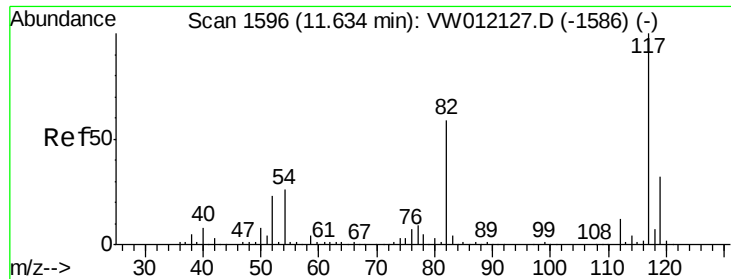
Tgt Ion: 107 Resp: 94484
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.372 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion: 95 Resp: 167507
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 150.8
 176 74.4 0.0 148.6

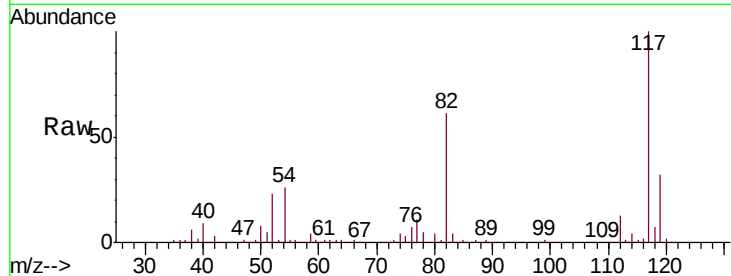




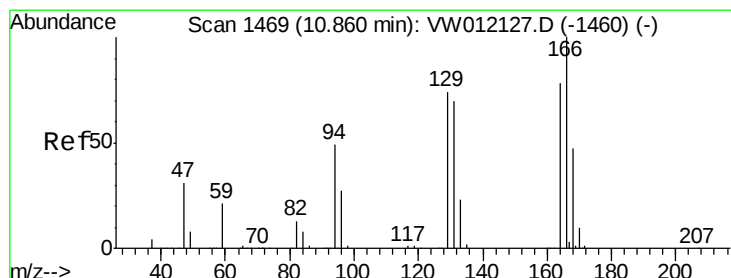
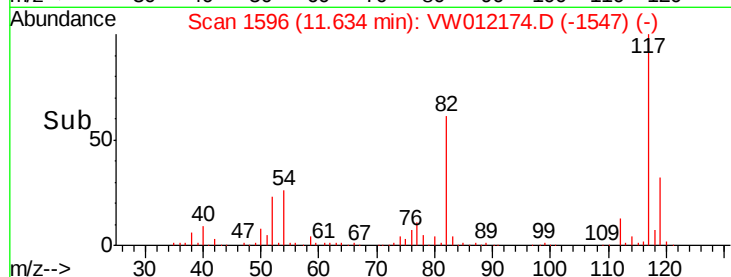
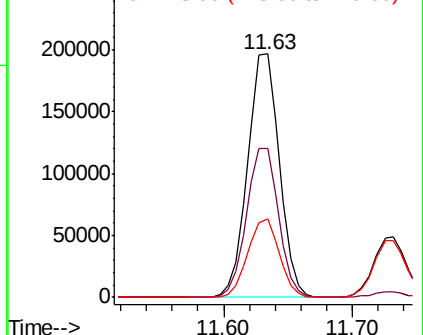
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 333382
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.1 25.4 38.2

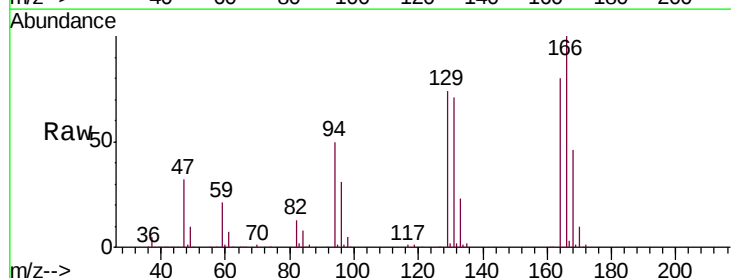


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

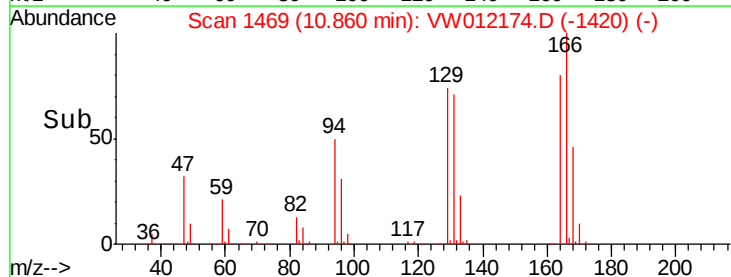
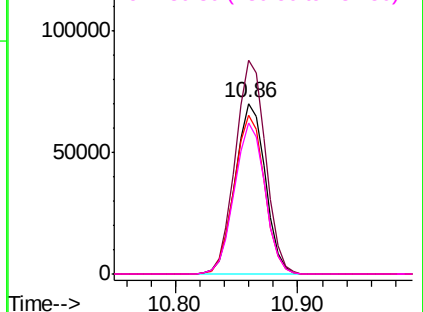


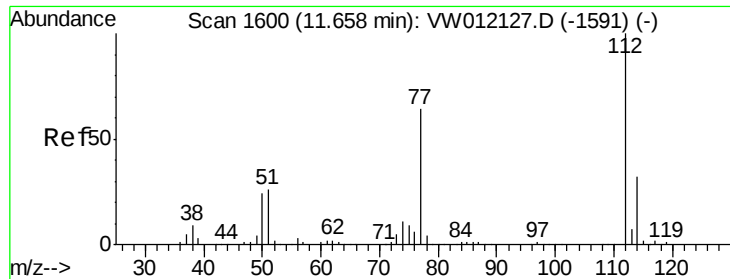
#64
Tetrachloroethene
Concen: 55.328 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion:164 Resp: 119587
Ion Ratio Lower Upper
164 100
166 125.4 102.4 153.6
129 93.0 75.8 113.6
131 88.5 71.4 107.2



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

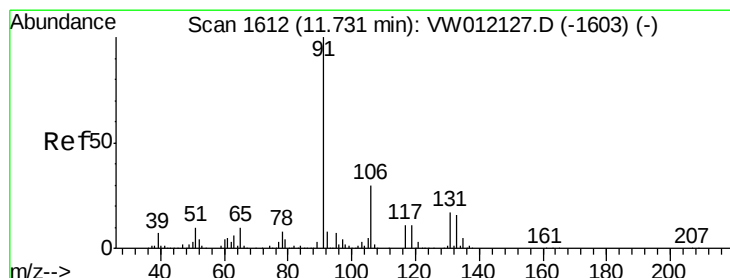
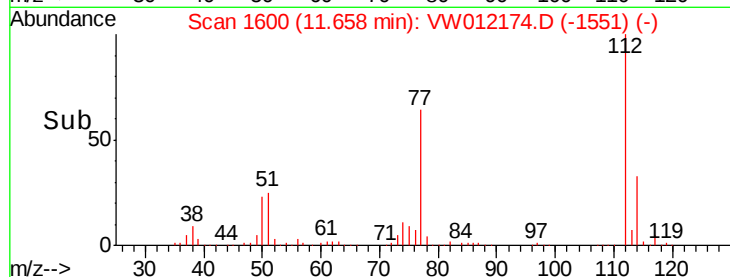
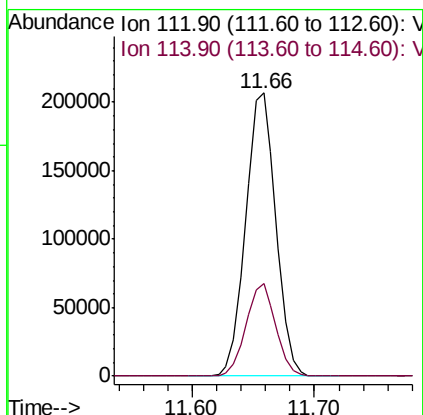
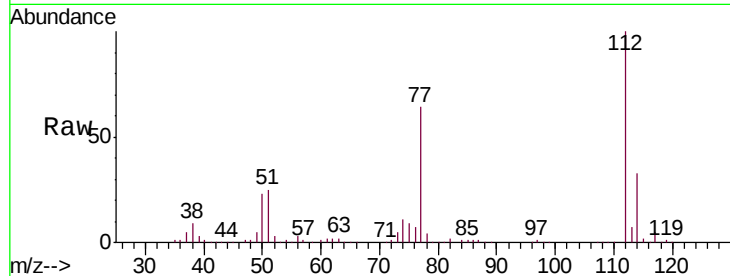




#65
Chlorobenzene
Concen: 54.009 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

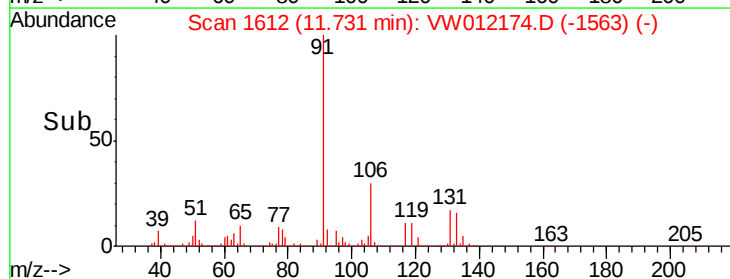
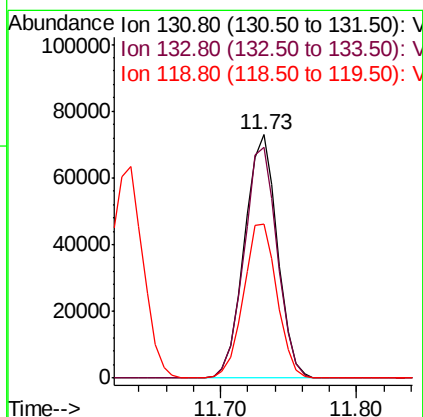
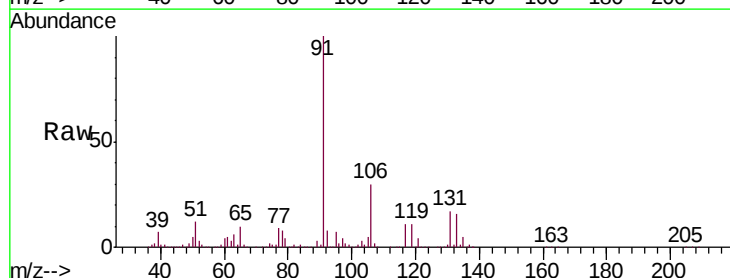
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

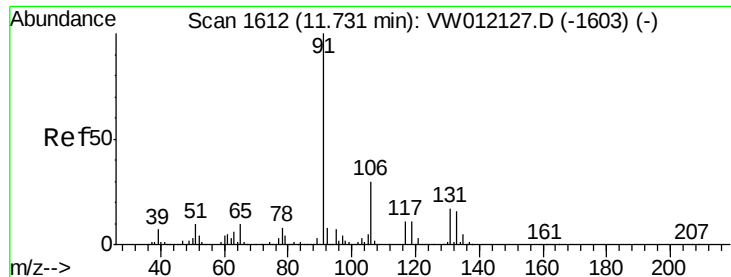
Tgt Ion:112 Resp: 354547
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.857 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion:131 Resp: 123339
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 64.5 31.8 95.3

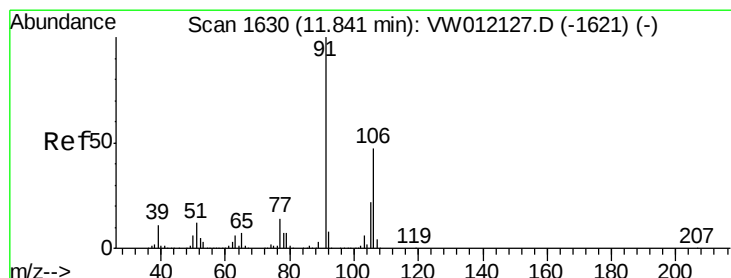
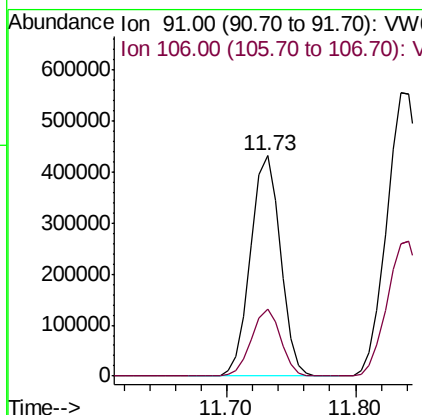
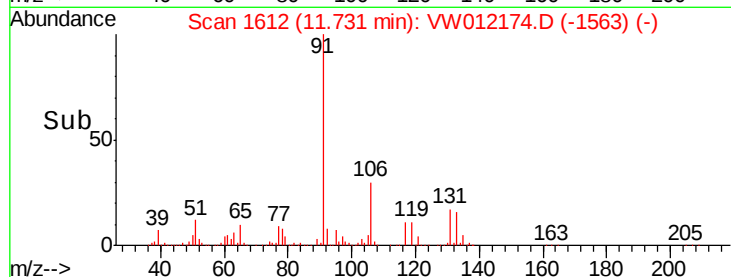
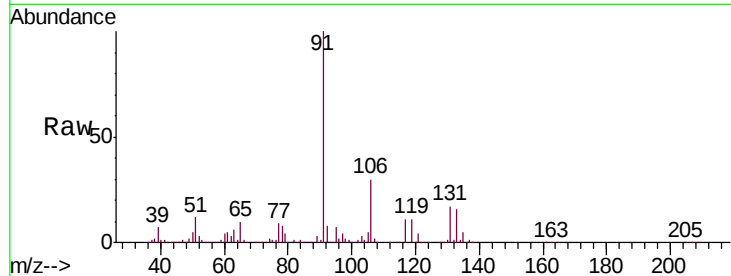




#67
Ethyl Benzene
Concen: 54.651 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

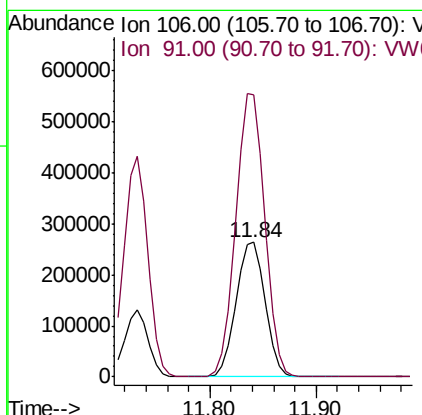
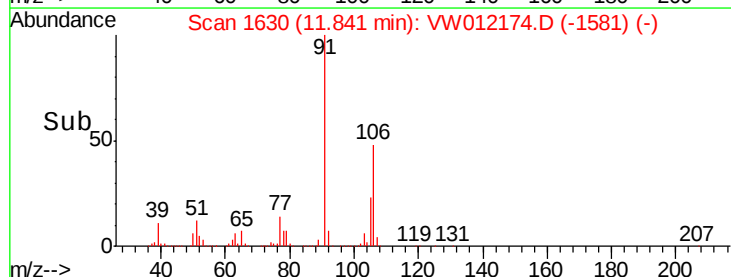
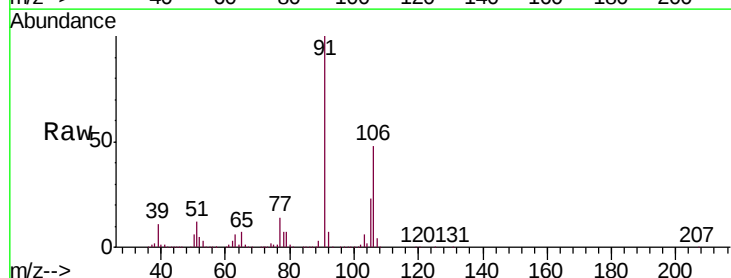
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 691098
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 110.877 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion: 106 Resp: 505053
Ion Ratio Lower Upper
106 100
91 210.4 169.5 254.3

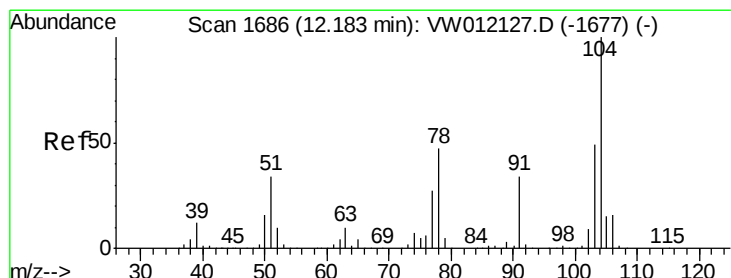
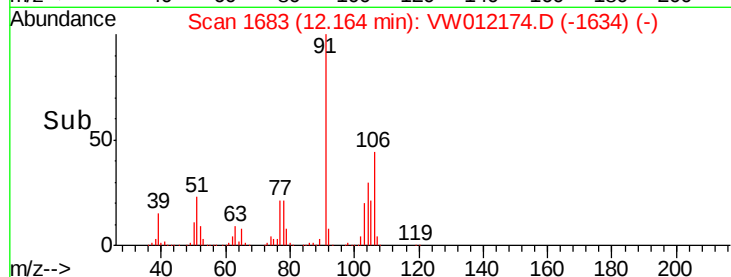
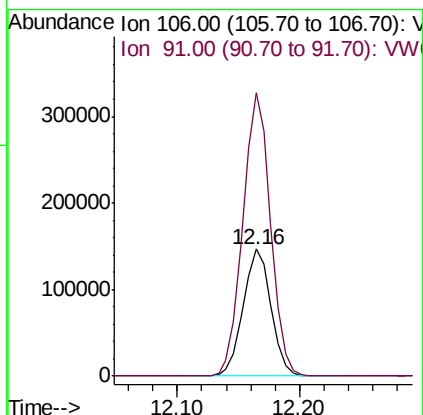
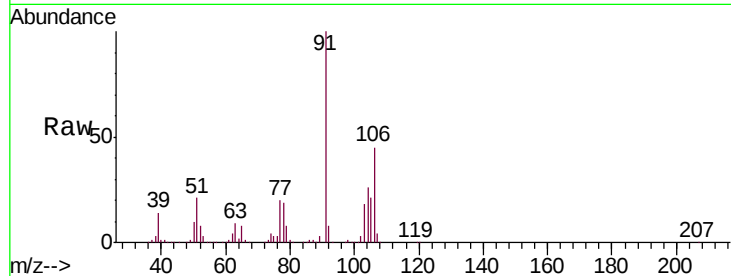




#69
o-Xylene
Concen: 54.942 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

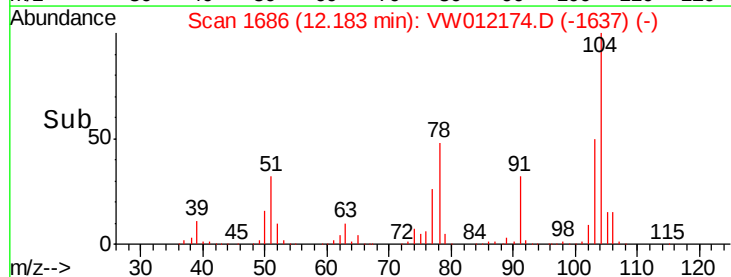
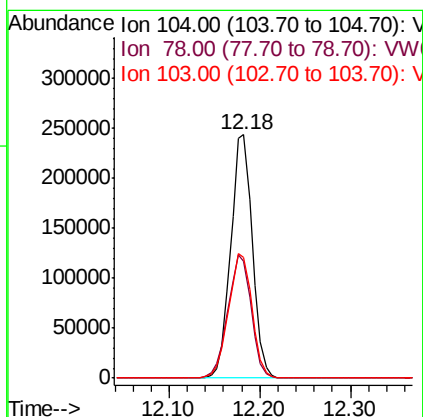
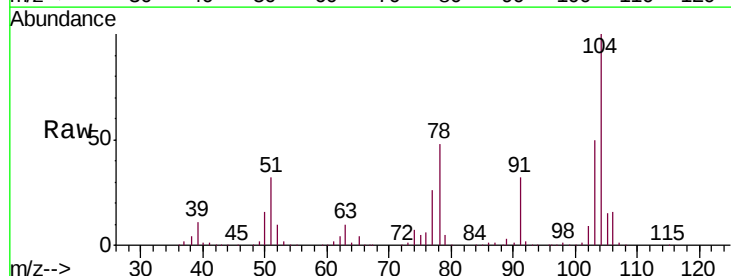
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

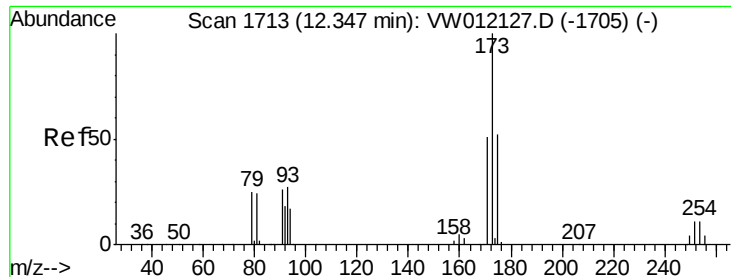
Tgt Ion:106 Resp: 231627
Ion Ratio Lower Upper
106 100
91 221.2 111.6 334.6



#70
Styrene
Concen: 55.203 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion:104 Resp: 402832
Ion Ratio Lower Upper
104 100
78 54.8 43.1 64.7
103 55.3 43.5 65.3





#71

Bromoform

Concen: 55.645 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

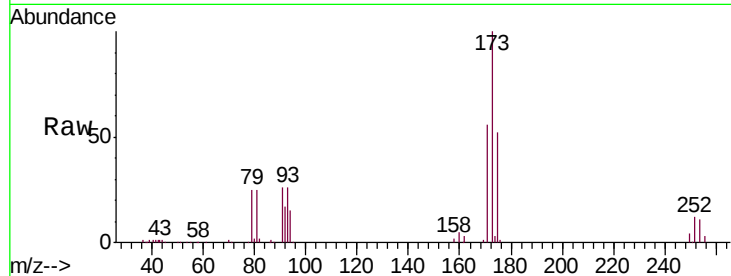
Tgt Ion:173 Resp: 63491

Ion Ratio Lower Upper

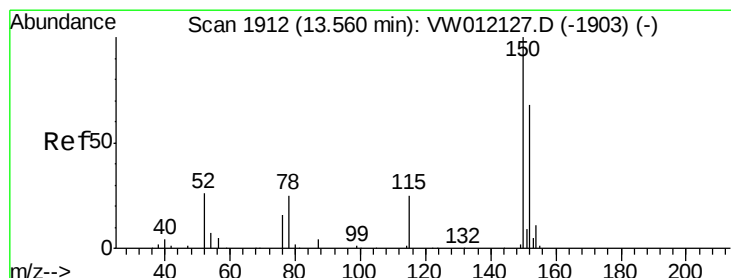
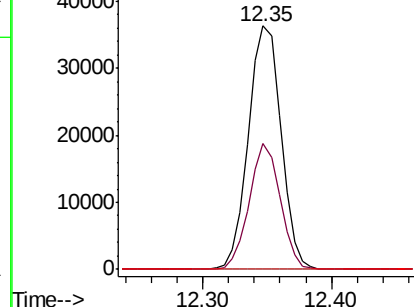
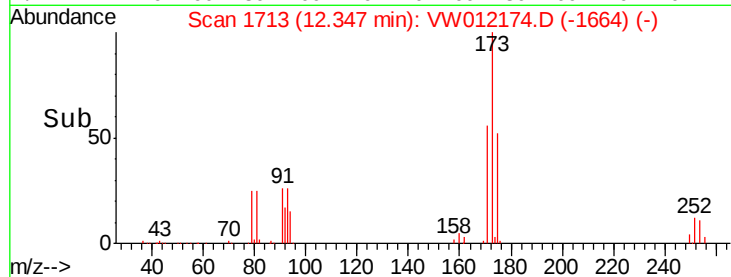
173 100

175 48.9 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: VW012174.D

Acq: 26 Aug 2019 16:12

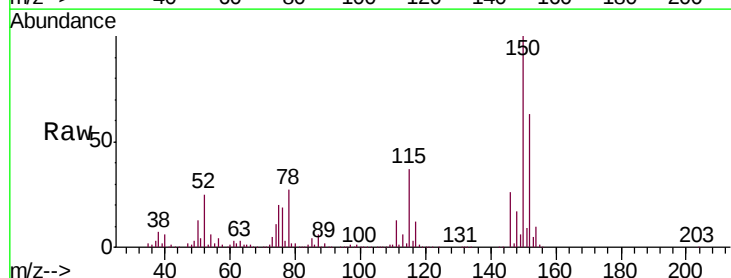
Tgt Ion:152 Resp: 160681

Ion Ratio Lower Upper

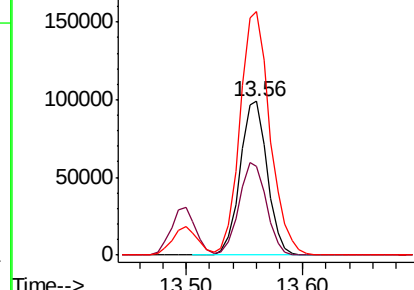
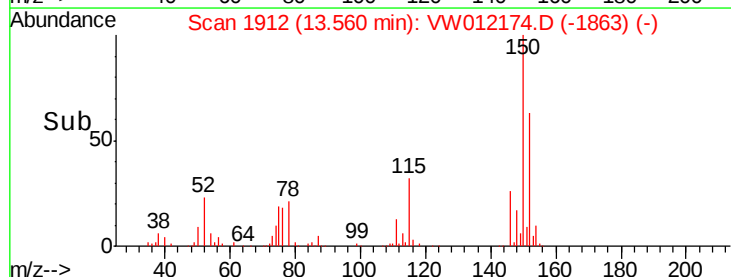
152 100

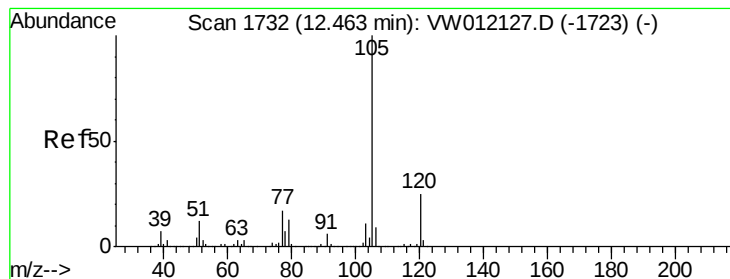
115 60.5 30.1 90.3

150 175.5 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: 53.909 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

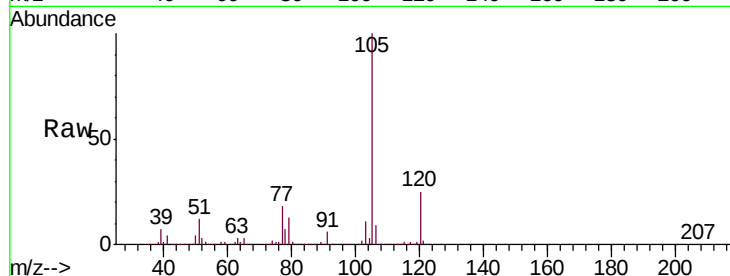
VSTDCCC050

Tgt Ion: 105 Resp: 649071

Ion Ratio Lower Upper

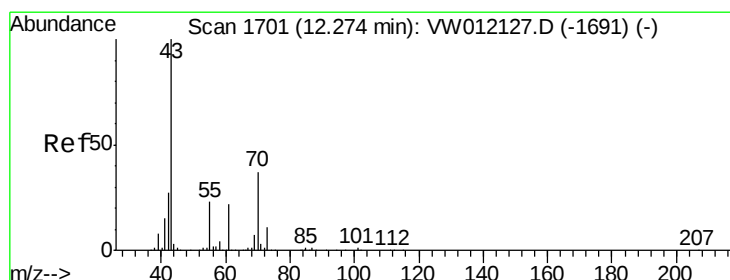
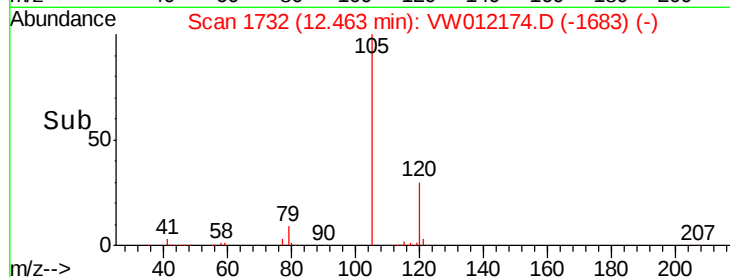
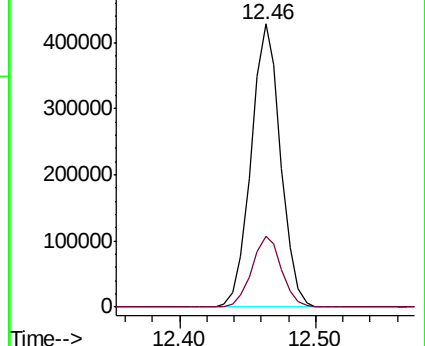
105 100

120 25.4 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.668 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Tgt Ion: 43 Resp: 206138

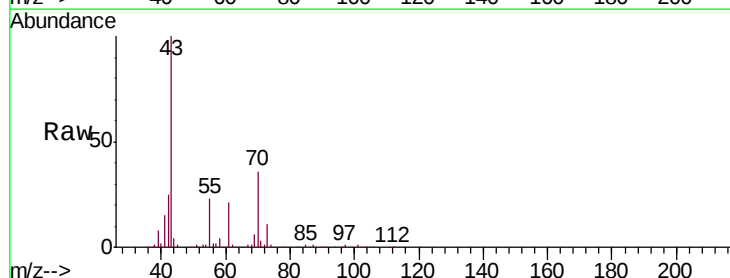
Ion Ratio Lower Upper

43 100

70 35.4 28.6 43.0

55 22.6 17.8 26.6

61 21.2 17.3 25.9

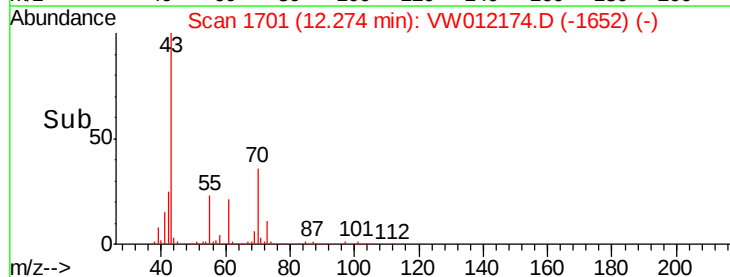
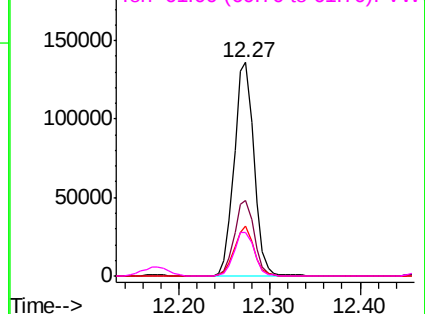


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.288 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

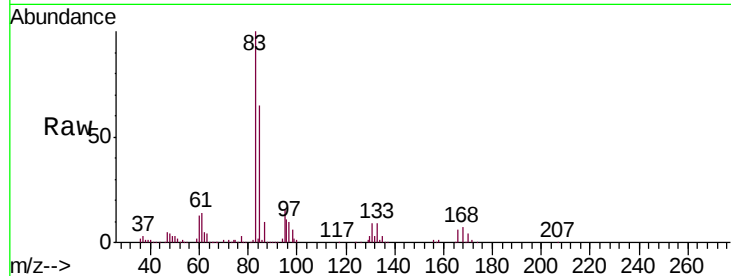
Tgt Ion: 83 Resp: 119829

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

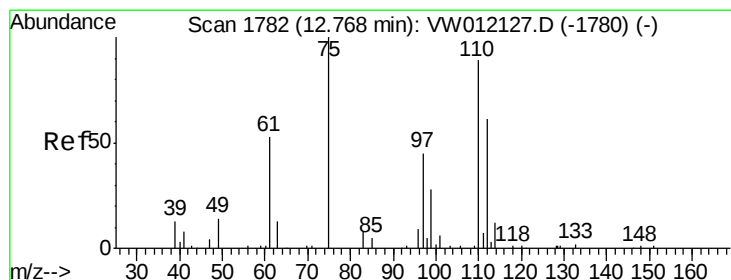
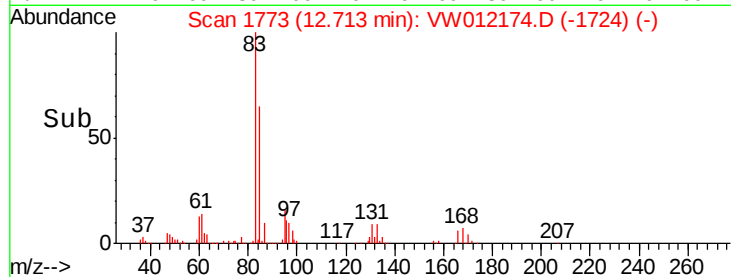
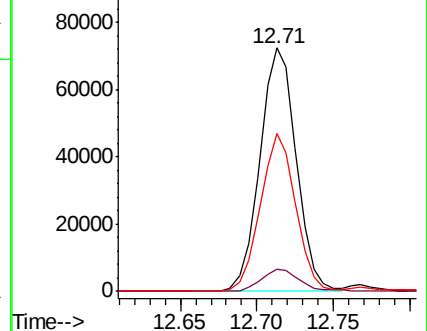
85 62.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 104.487 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012174.D

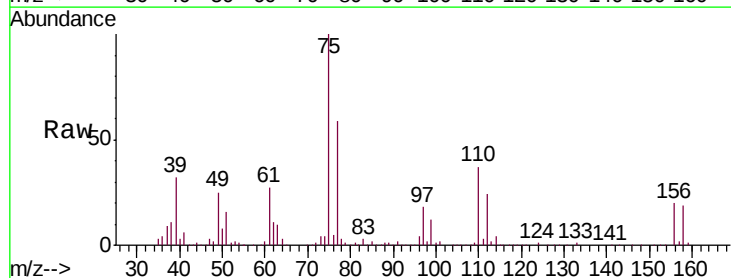
Acq: 26 Aug 2019 16:12

Tgt Ion: 75 Resp: 163513

Ion Ratio Lower Upper

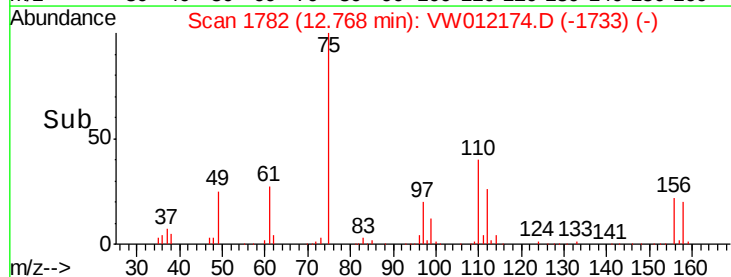
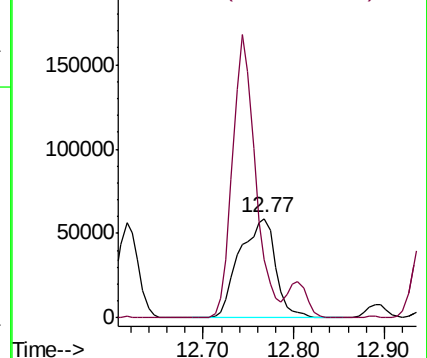
75 100

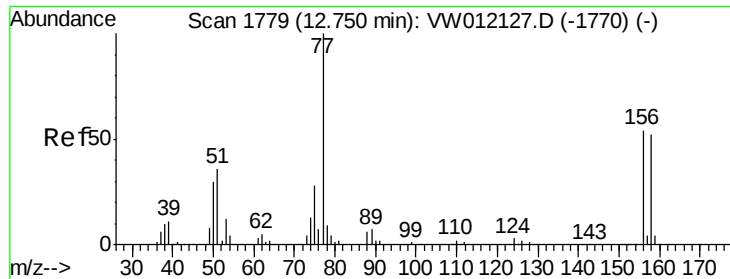
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.293 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

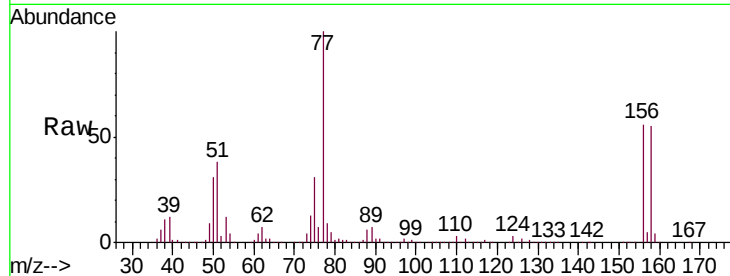
Tgt Ion: 156 Resp: 138813

Ion Ratio Lower Upper

156 100

77 214.4 107.3 321.8

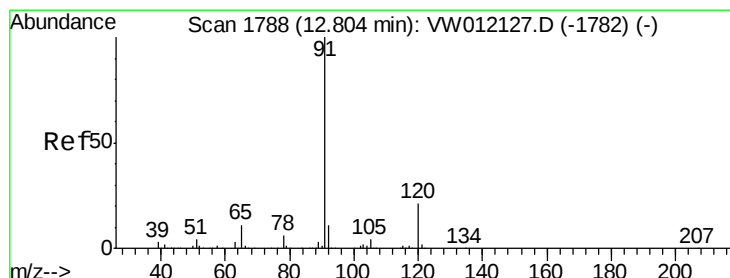
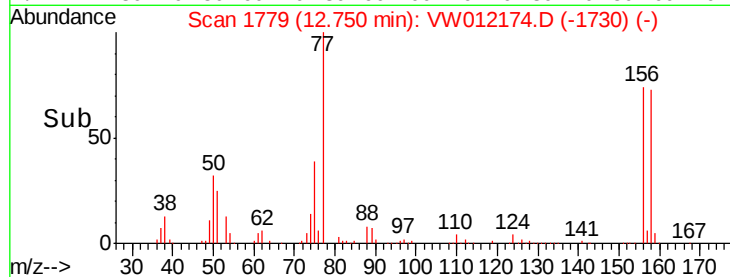
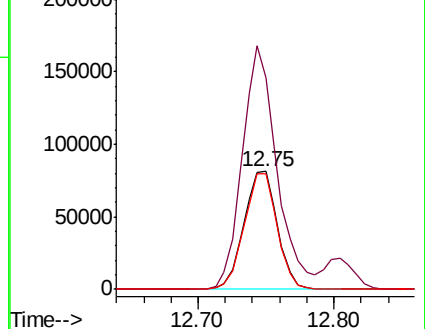
158 97.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.896 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012174.D

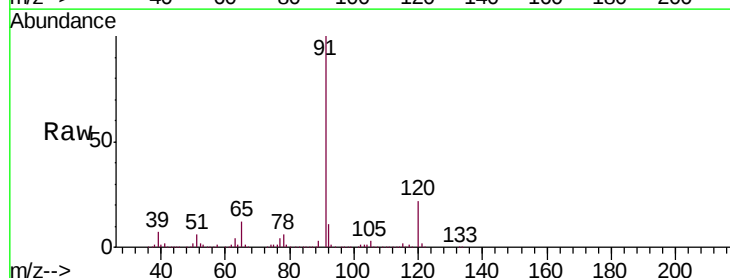
Acq: 26 Aug 2019 16:12

Tgt Ion: 91 Resp: 806891

Ion Ratio Lower Upper

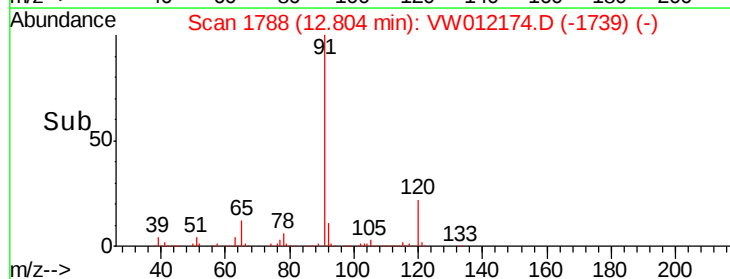
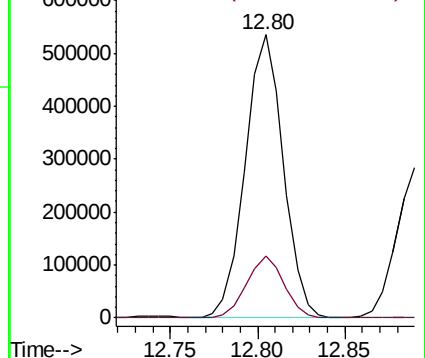
91 100

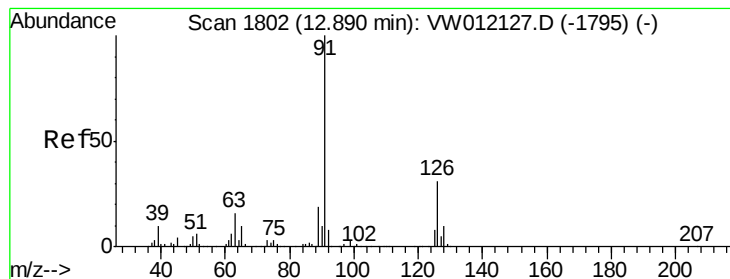
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.642 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

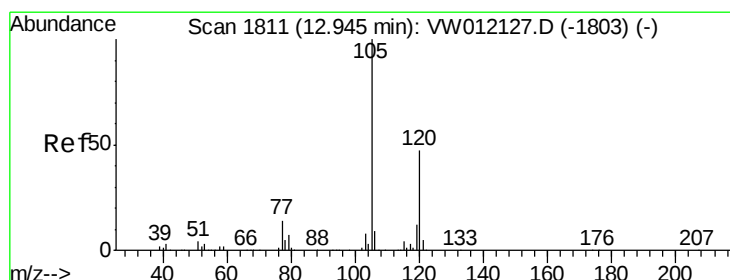
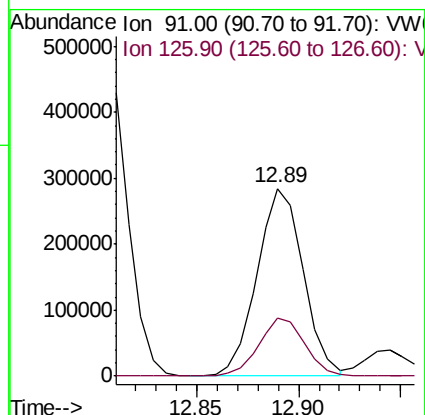
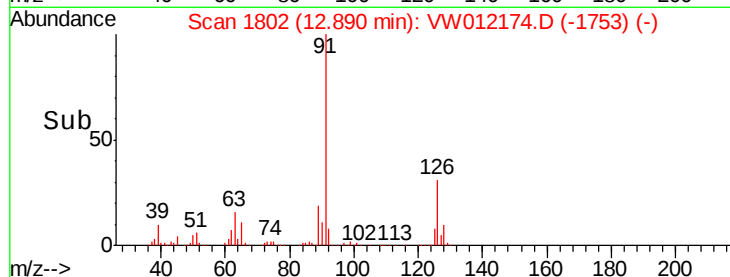
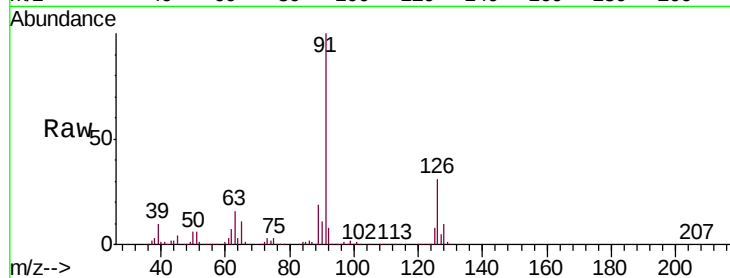
VSTDCCC050

Tgt Ion: 91 Resp: 447639

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 54.791 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012174.D

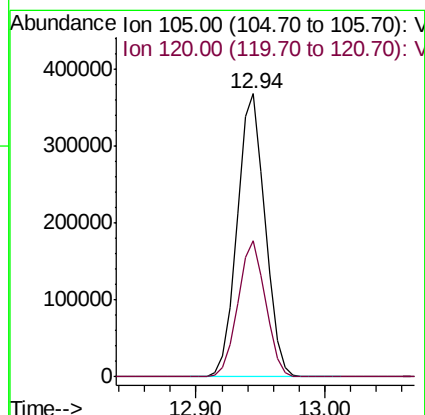
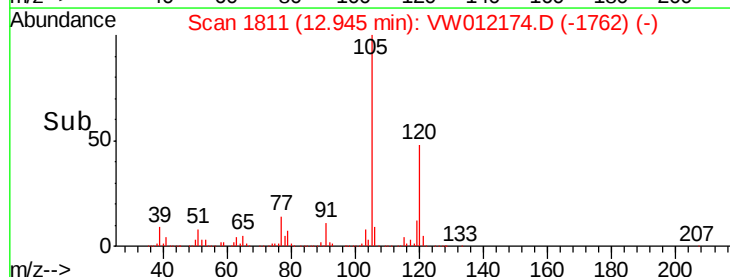
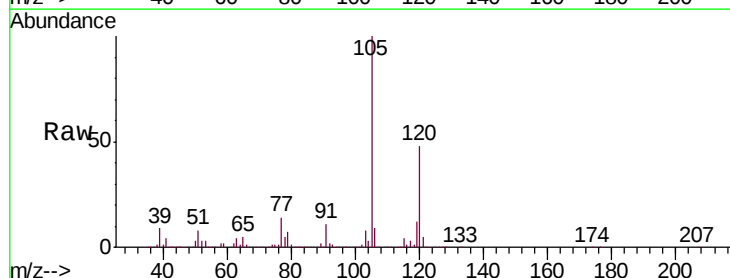
Acq: 26 Aug 2019 16:12

Tgt Ion: 105 Resp: 551237

Ion Ratio Lower Upper

105 100

120 47.7 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.698 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

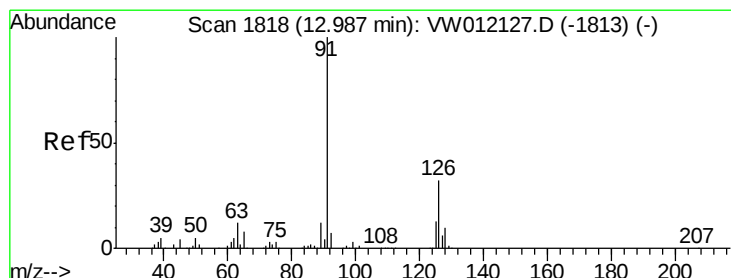
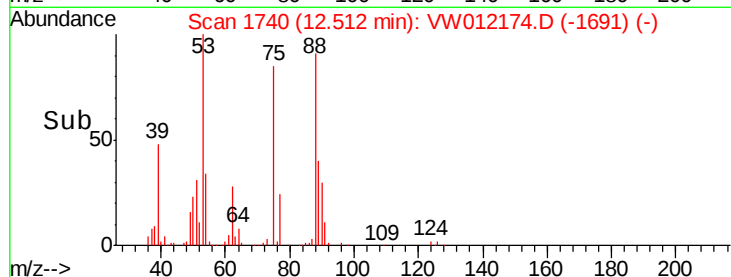
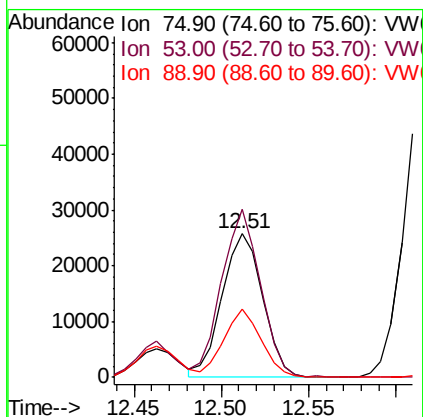
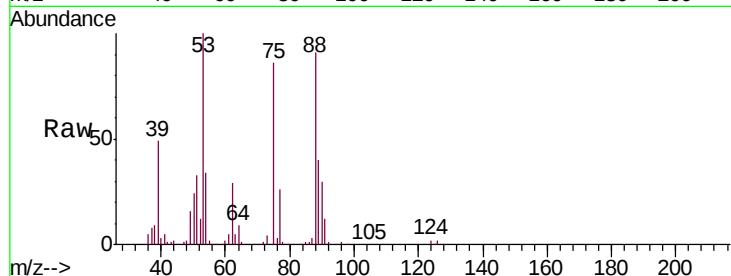
Tgt Ion: 75 Resp: 41182

Ion Ratio Lower Upper

75 100

53 113.7 89.4 134.0

89 43.9 34.5 51.7



#82

4-Chlorotoluene

Concen: 54.339 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012174.D

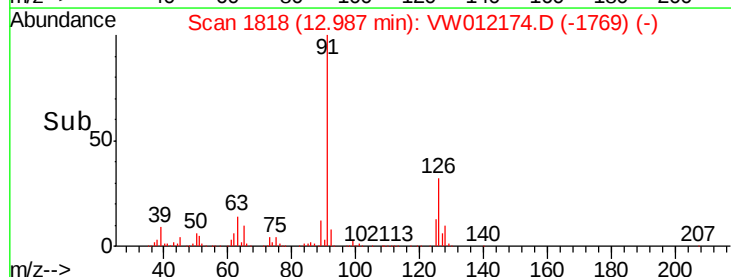
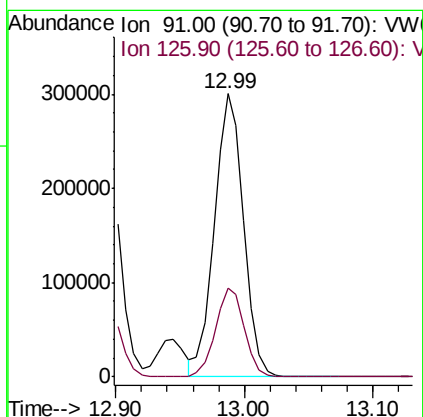
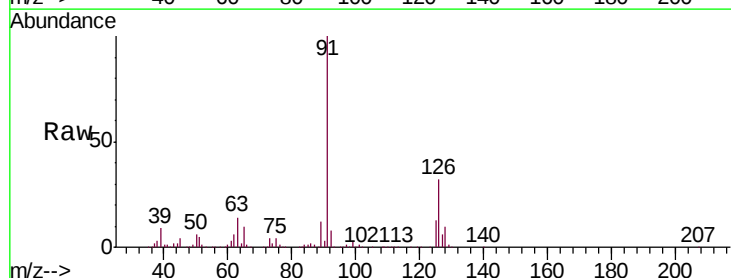
Acq: 26 Aug 2019 16:12

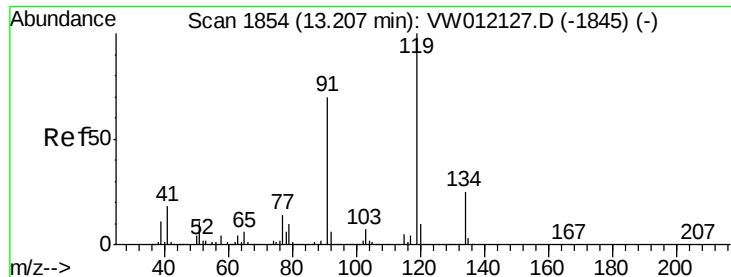
Tgt Ion: 91 Resp: 474799

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8

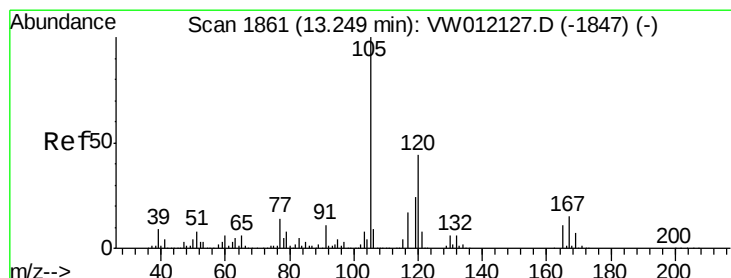
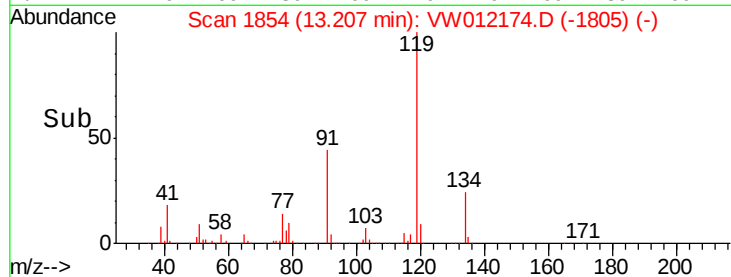
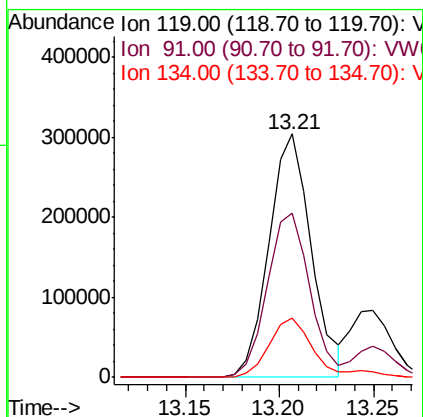
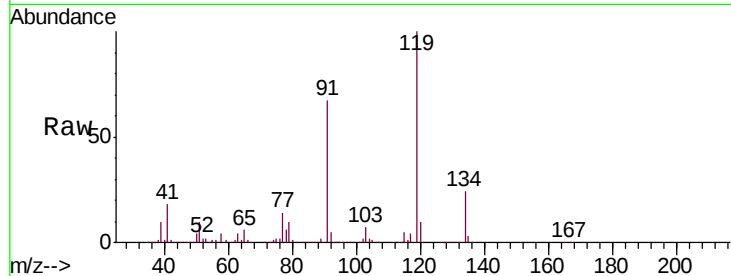




#83
 tert-Butylbenzene
 Concen: 55.559 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

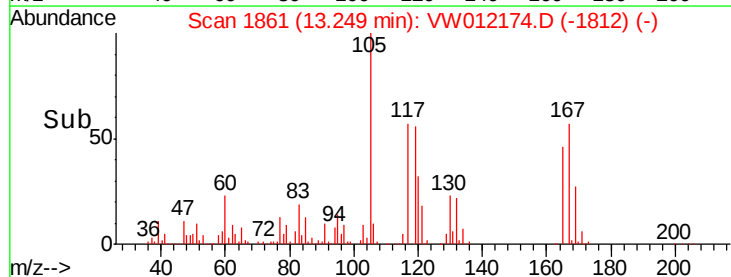
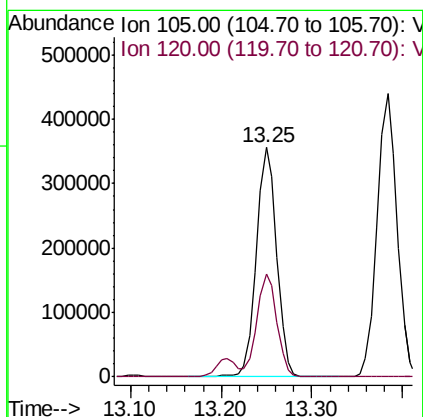
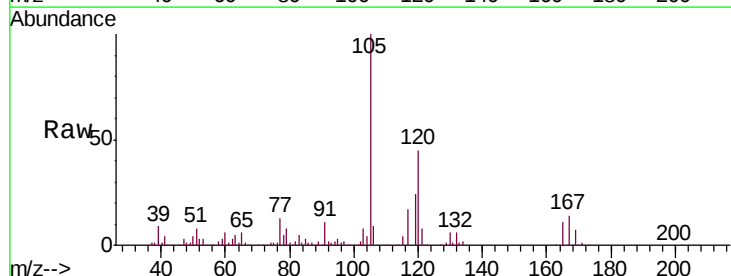
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

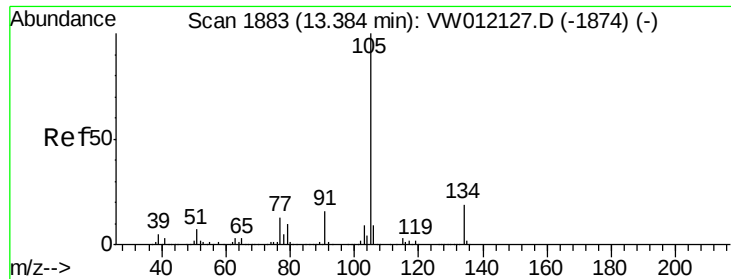
Tgt Ion:119 Resp: 473485
 Ion Ratio Lower Upper
 119 100
 91 68.0 34.8 104.3
 134 24.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.443 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion:105 Resp: 550207
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.7

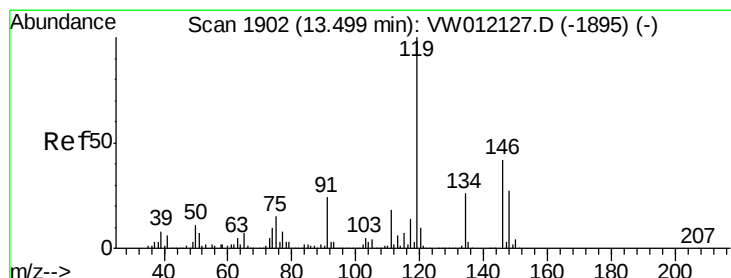
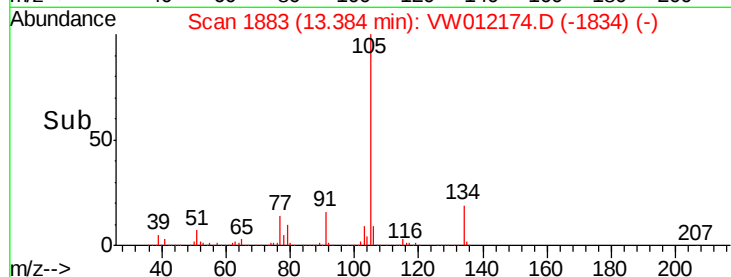
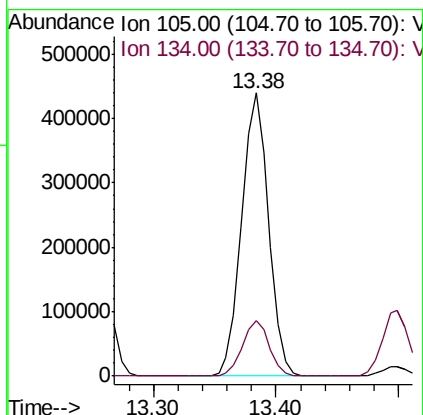
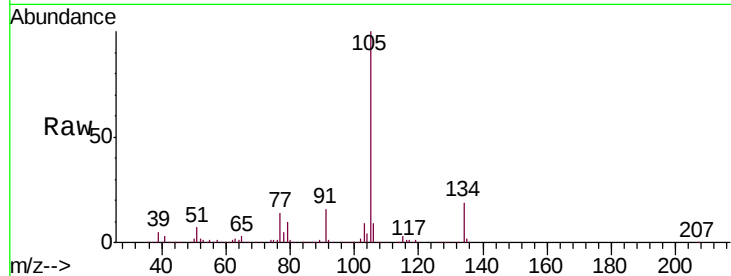




#85
 sec-Butylbenzene
 Concen: 54.845 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

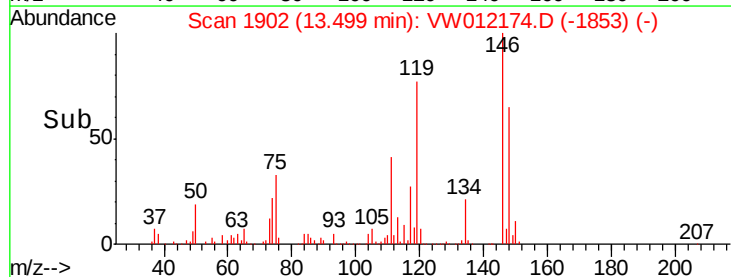
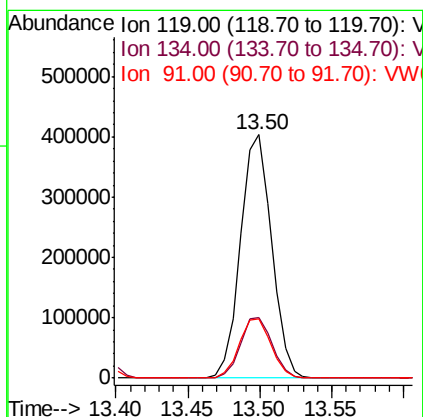
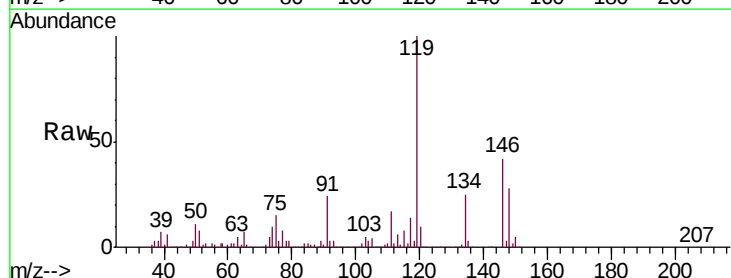
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 669634
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.381 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion:119 Resp: 603865
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.8 12.3 36.9

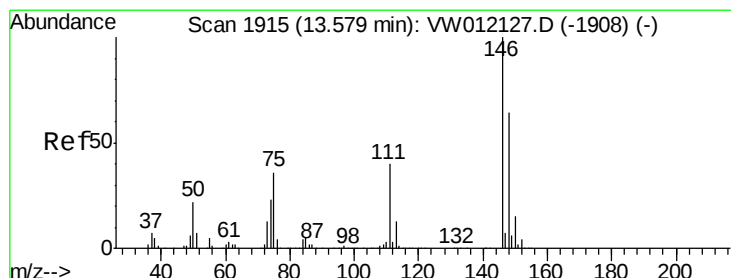
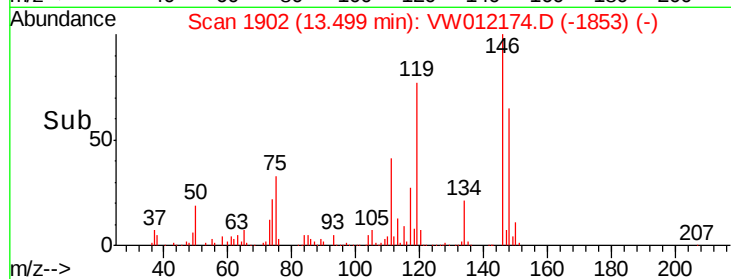
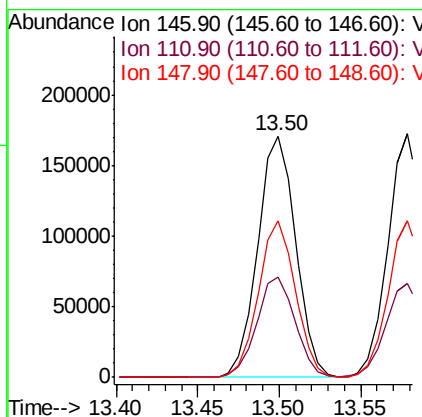
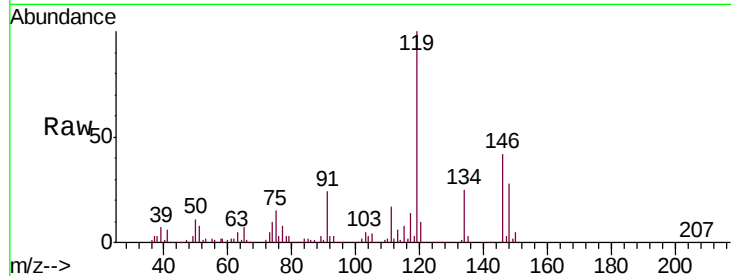




#87
 1,3-Dichlorobenzene
 Concen: 53.961 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

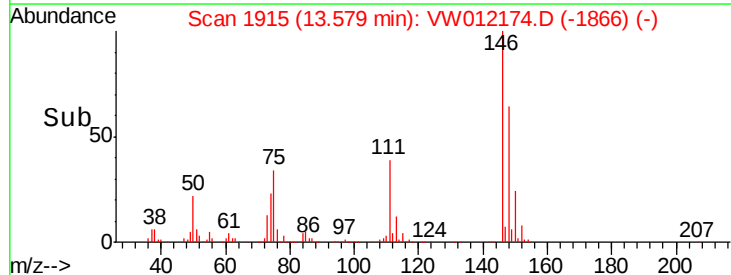
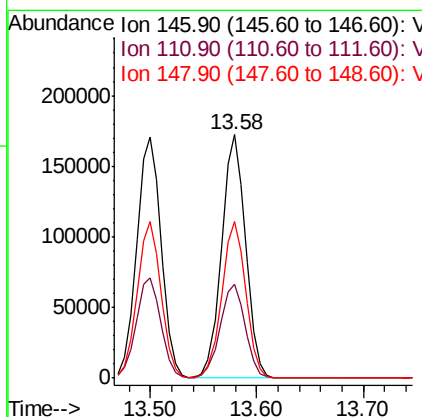
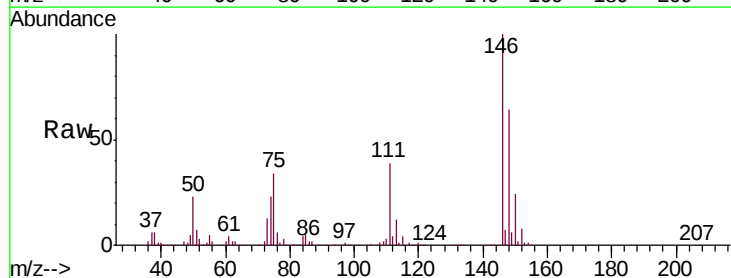
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

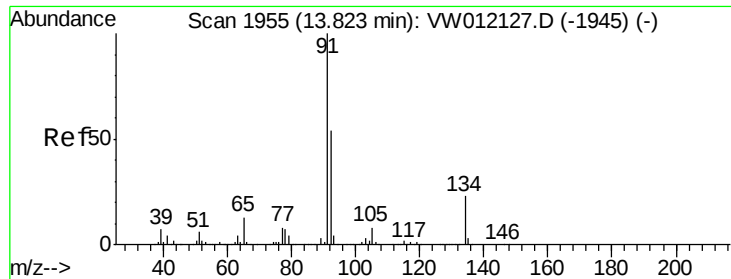
Tgt Ion:146 Resp: 274920
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 53.657 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion:146 Resp: 271437
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 56.019 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012174.D

Acq: 26 Aug 2019 16:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

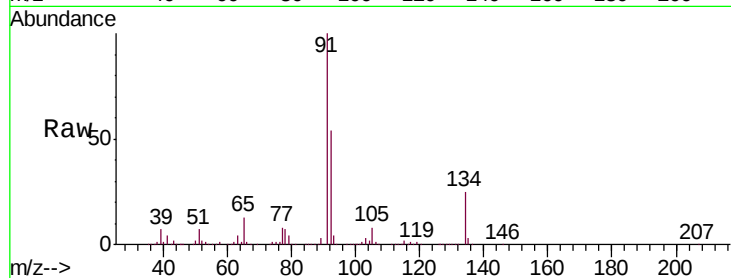
Tgt Ion: 91 Resp: 607422

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

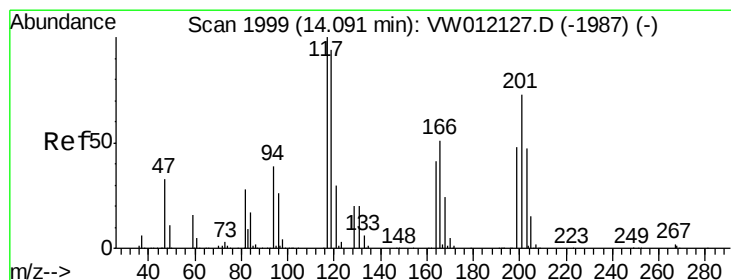
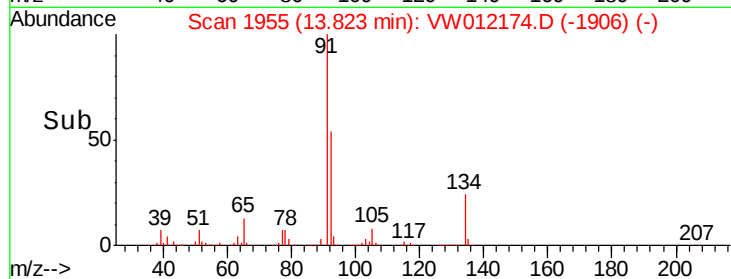
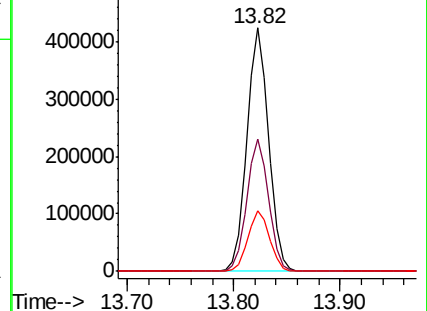
134 24.7 12.2 36.4



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: 55.670 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012174.D

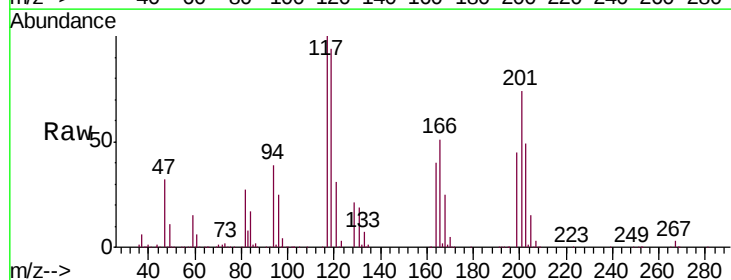
Acq: 26 Aug 2019 16:12

Tgt Ion: 117 Resp: 106499

Ion Ratio Lower Upper

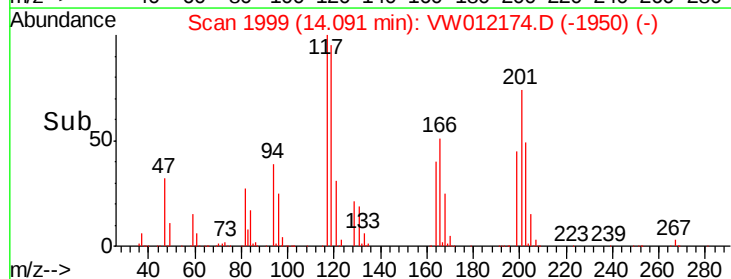
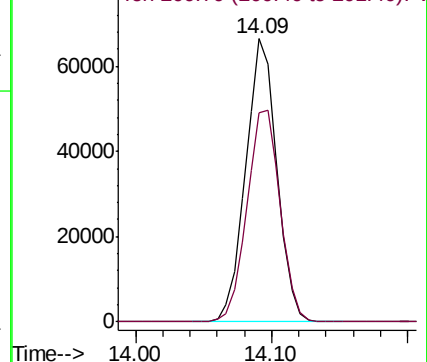
117 100

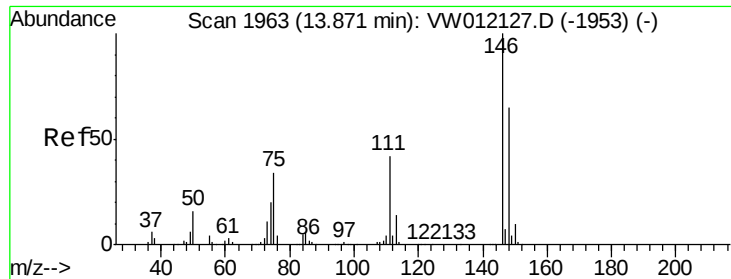
201 79.6 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

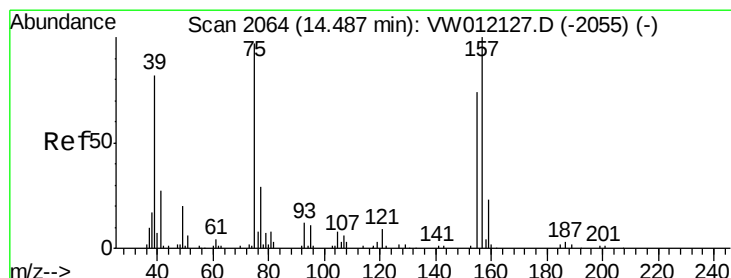
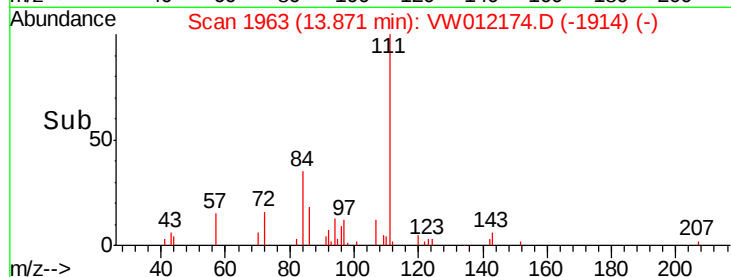
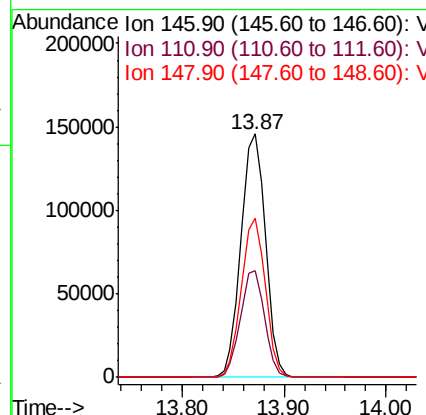
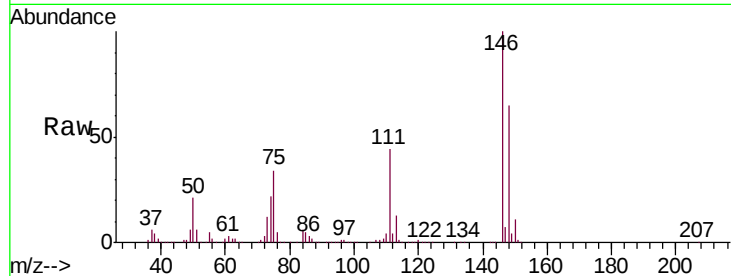




#91
 1,2-Dichlorobenzene
 Concen: 54.085 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

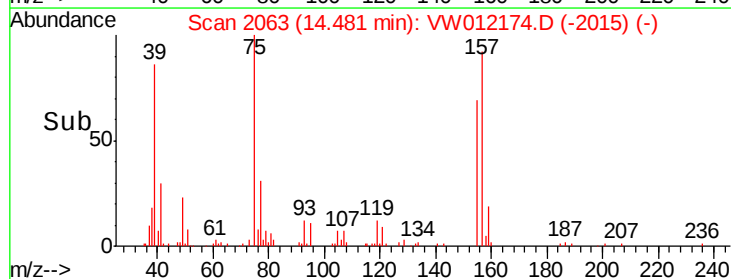
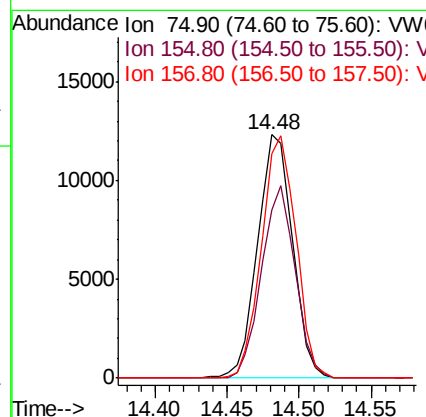
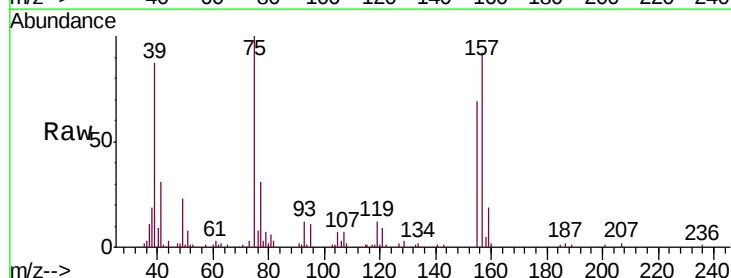
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

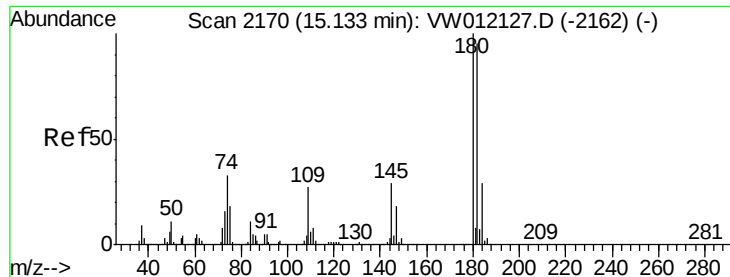
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.2	63.6
148	64.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.453 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	37.5	112.3
157	98.1	50.5	151.5

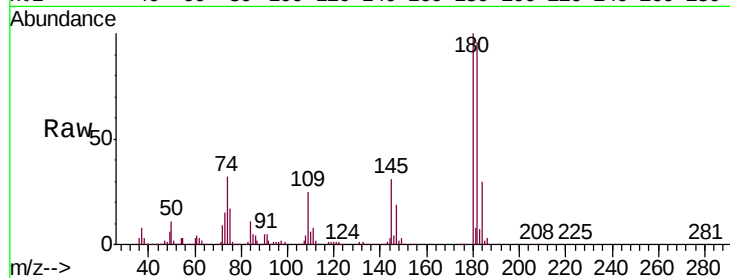




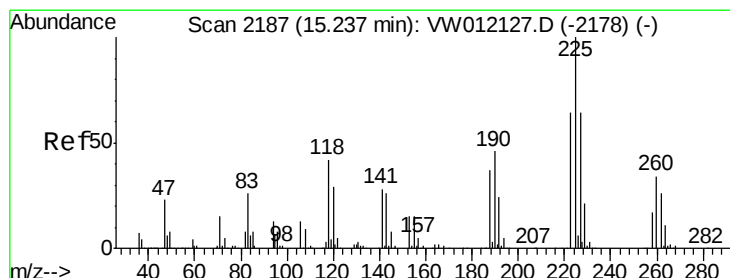
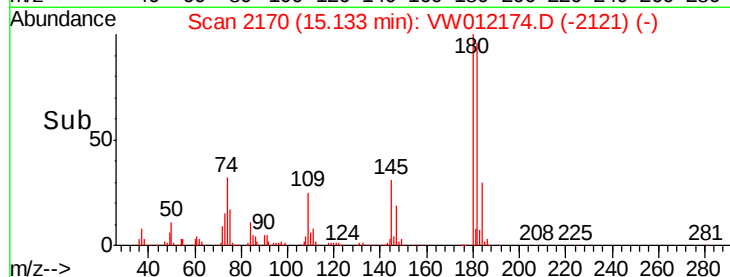
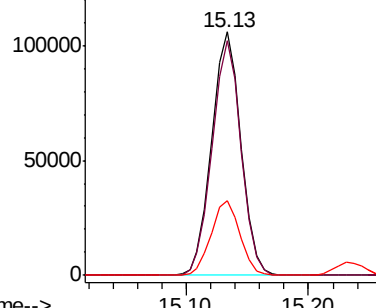
#93
 1,2,4-Trichlorobenzene
 Concen: 56.746 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	30.2	15.0	45.1

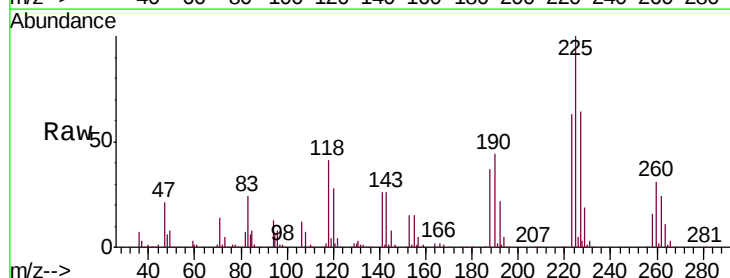


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

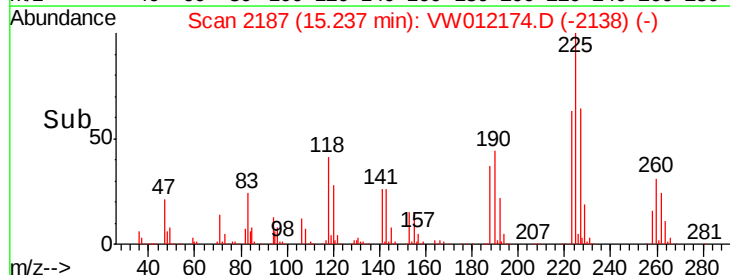
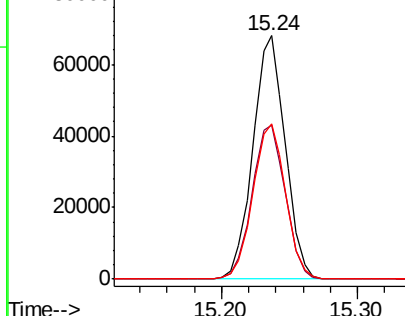


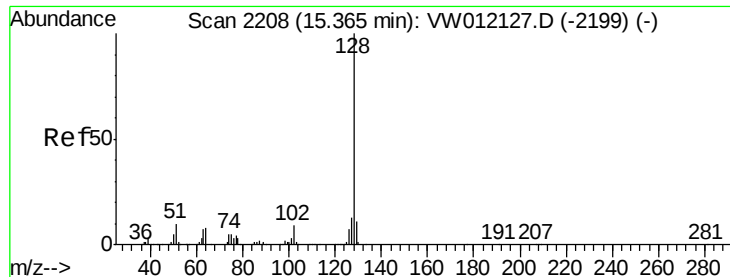
#94
 Hexachlorobutadiene
 Concen: 55.427 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012174.D
 Acq: 26 Aug 2019 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.3	96.8
227	64.7	32.9	98.6



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

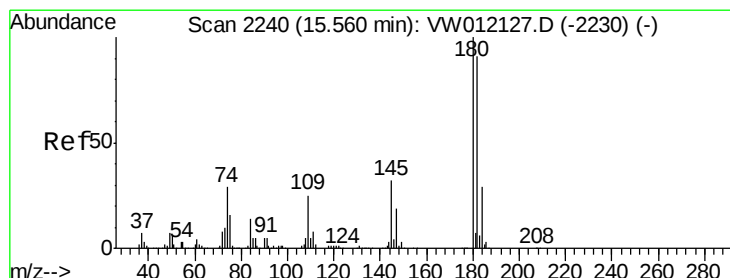
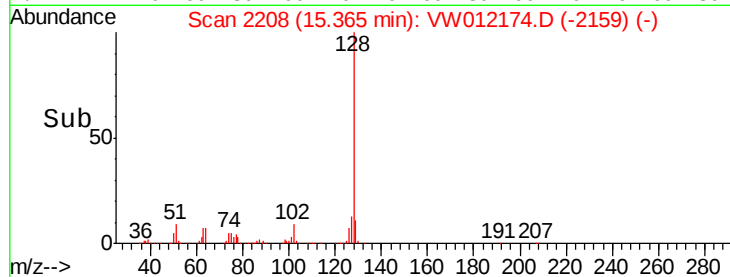
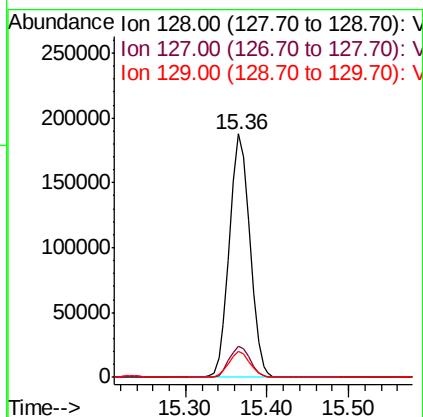
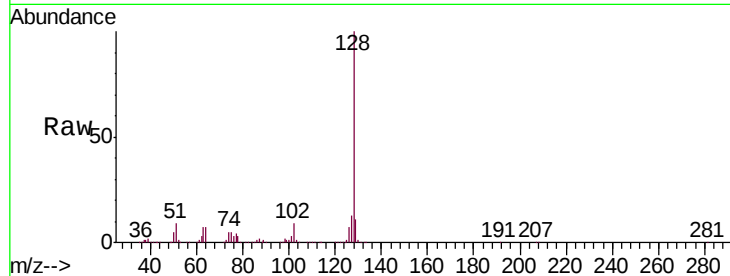




#95
Naphthalene
Concen: 53.251 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.421 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012174.D
Acq: 26 Aug 2019 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.1	141.3
145	32.7	16.2	48.5

