

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012159.D
 Acq On : 26 Aug 2019 09:10
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 02:22:26 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	256975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	146864	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	121854	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.32	98	492046	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.61	95	170886	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	96772	61.159	ug/l	96
3) Chloromethane	2.21	50	134214	54.749	ug/l	99
4) Vinyl Chloride	2.36	62	172546	57.507	ug/l	97
5) Bromomethane	2.78	94	86478	56.910	ug/l	98
6) Chloroethane	2.92	64	95495	56.419	ug/l	98
7) Trichlorofluoromethane	3.26	101	95370	63.301	ug/l	98
8) Diethyl Ether	3.68	74	74644	52.196	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141925	55.419	ug/l	99
10) Methyl Iodide	4.27	142	193188	55.754	ug/l	100
11) Tert butyl alcohol	5.17	59	45828	249.287	ug/l	99
12) 1,1-Dichloroethene	4.04	96	143681	55.743	ug/l	96
13) Acrolein	3.89	56	46087	266.323	ug/l	99
14) Allyl chloride	4.67	41	308205	55.931	ug/l	100
15) Acrylonitrile	5.37	53	184232	259.912	ug/l	100
16) Acetone	4.12	43	224794	287.876	ug/l	98
17) Carbon Disulfide	4.38	76	460087	59.062	ug/l	99
18) Methyl Acetate	4.67	43	94709	48.968	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	221652	53.175	ug/l	97
20) Methylene Chloride	4.92	84	148139	50.182	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	151167	54.690	ug/l	99
22) Diisopropyl ether	6.31	45	545367	53.393	ug/l	100
23) Vinyl Acetate	6.25	43	1703825	271.052	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300407	54.016	ug/l	100
25) 2-Butanone	7.16	43	285011	268.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	179743	57.100	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	158323	53.611	ug/l	98
28) Bromochloromethane	7.51	49	112698	46.493	ug/l	99
29) Tetrahydrofuran	7.53	42	166066	260.854	ug/l	99
30) Chloroform	7.68	83	269801	53.025	ug/l	97
31) Cyclohexane	7.96	56	286929	52.147	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	223016	55.406	ug/l	100
36) 1,1-Dichloropropene	8.08	75	231740	55.811	ug/l	99
37) Ethyl Acetate	7.25	43	117390	51.592	ug/l	99
38) Carbon Tetrachloride	8.07	117	203908	56.738	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262464	56.266	ug/l	99
40) Benzene	8.32	78	621358	54.803	ug/l	99
41) Methacrylonitrile	7.48	41	69934	52.294	ug/l	99
42) 1,2-Dichloroethane	8.40	62	189004	53.189	ug/l	99
43) Isopropyl Acetate	8.42	43	219893	52.173	ug/l	99
44) Trichloroethene	9.09	130	151362	54.916	ug/l	95
45) 1,2-Dichloropropane	9.37	63	165383	54.199	ug/l	98
46) Dibromomethane	9.46	93	72384	53.315	ug/l	100
47) Bromodichloromethane	9.65	83	198338	54.891	ug/l	99
48) Methyl methacrylate	9.43	41	106419	53.051	ug/l	99
49) 1,4-Dioxane	9.45	88	21346	1027.032	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	564640	263.392	ug/l	100
52) Toluene	10.39	92	374281	54.951	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204853	55.658	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	246745	55.522	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102620	53.423	ug/l	98
56) Ethyl methacrylate	10.65	69	150657	53.889	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192349	52.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	359439	250.512	ug/l	100
59) 2-Hexanone	10.97	43	428898	282.761	ug/l	99
60) Dibromochloromethane	11.13	129	117583	54.957	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96591	53.975	ug/l	98
64) Tetrachloroethene	10.86	164	122472	54.725	ug/l	97
65) Chlorobenzene	11.66	112	369610	54.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	129857	54.764	ug/l	98
67) Ethyl Benzene	11.73	91	722958	55.215	ug/l	100
68) m/p-Xylenes	11.84	106	527759	111.899	ug/l	98
69) o-Xylene	12.16	106	241745	55.380	ug/l	99
70) Styrene	12.18	104	420127	55.604	ug/l	99
71) Bromoform	12.35	173	64966	54.990	ug/l #	99
73) Isopropylbenzene	12.46	105	683097	55.184	ug/l	99
74) N-amyl acetate	12.27	43	199565	53.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119606	52.705	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	163300	101.498	ug/l #	100
77) Bromobenzene	12.75	156	143970	53.761	ug/l	99
78) n-propylbenzene	12.80	91	842196	55.732	ug/l	99
79) 2-Chlorotoluene	12.89	91	466542	54.379	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	578135	55.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42677	58.158	ug/l	98
82) 4-Chlorotoluene	12.99	91	494216	55.015	ug/l	100
83) tert-Butylbenzene	13.21	119	491424	56.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	573913	55.236	ug/l	100
85) sec-Butylbenzene	13.38	105	701052	55.849	ug/l	100
86) p-Isopropyltoluene	13.50	119	630580	56.250	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	287148	54.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	282245	54.268	ug/l	99
89) n-Butylbenzene	13.82	91	635948	57.046	ug/l	100
90) Hexachloroethane	14.09	117	111775	56.831	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	250092	54.426	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20098	52.534	ug/l	96

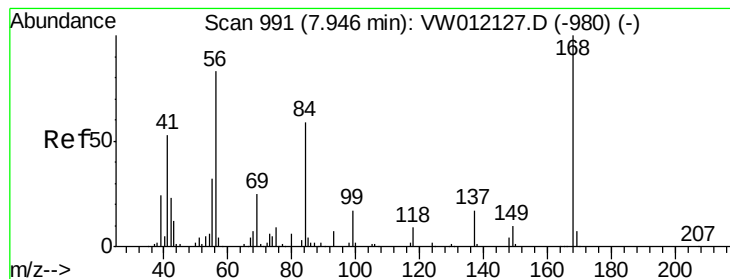
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178775	56.299	ug/l	99
94) Hexachlorobutadiene	15.24	225	119445	56.967	ug/l	98
95) Naphthalene	15.36	128	318100	50.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	157485	56.843	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

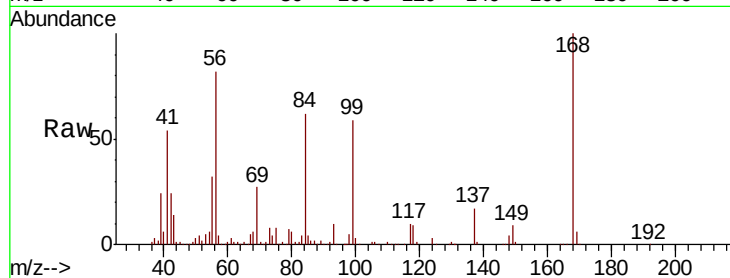
VSTDCCC050

Tot Ion:168 Resp: 256975

Ion Ratio Lower Upper

168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

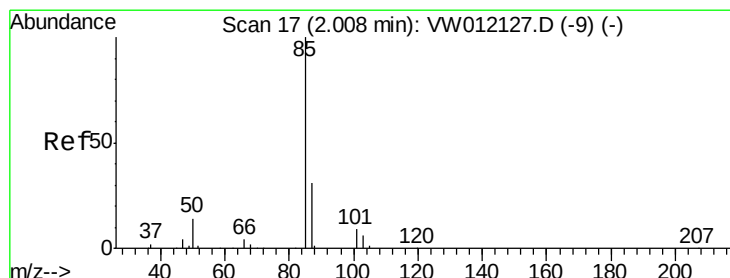
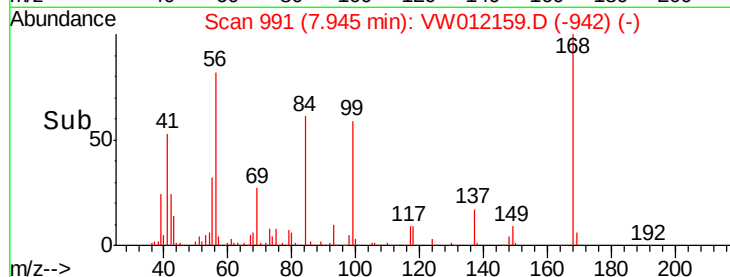
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 61.159 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012159.D

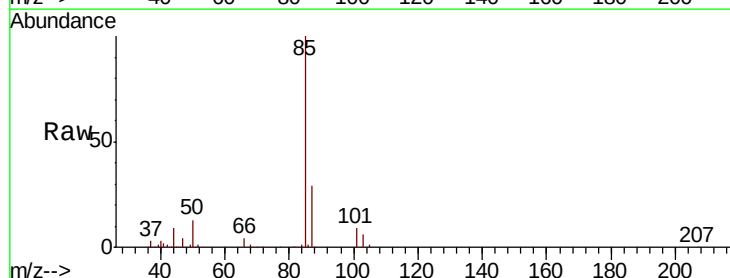
Acq: 26 Aug 2019 09:10

Tgt Ion: 85 Resp: 96772

Ion Ratio Lower Upper

85 100

87 29.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

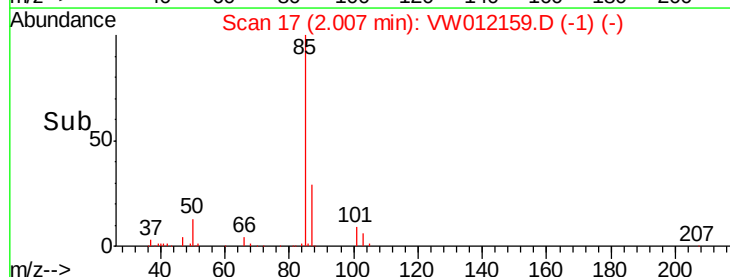
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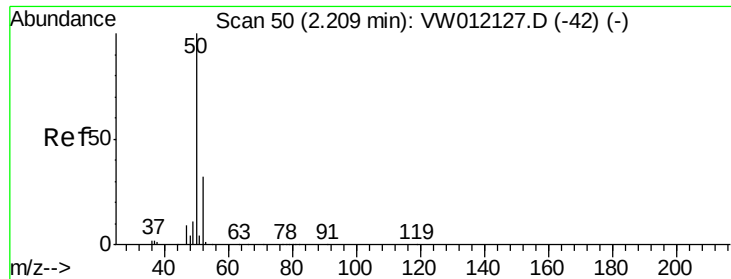
20000

10000

0

Time-->





#3

Chloromethane

Concen: 54.749 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

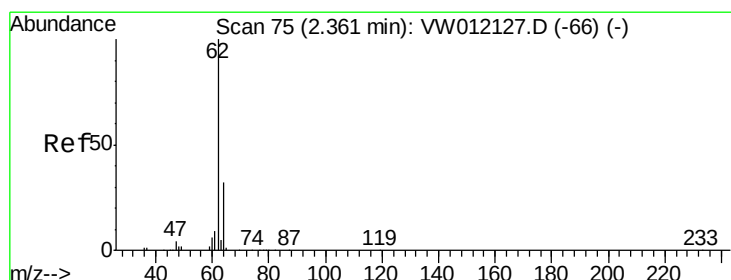
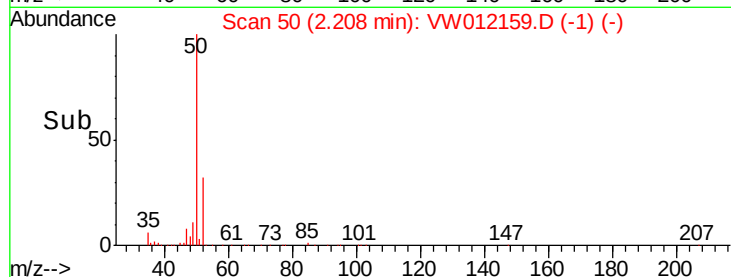
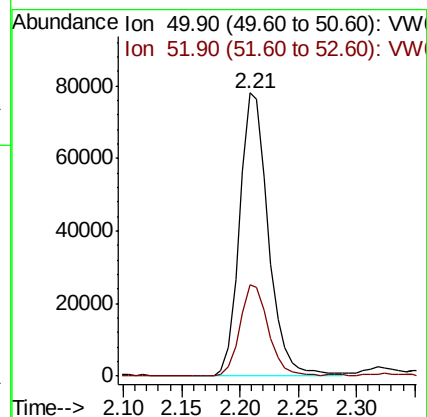
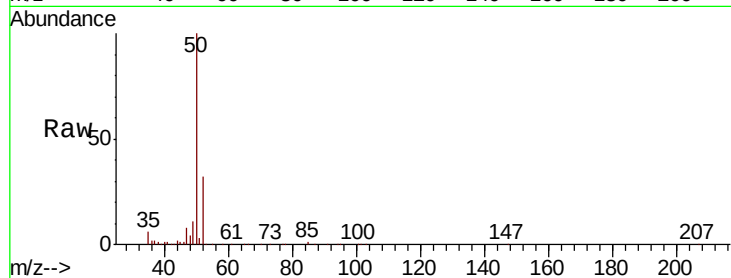
VSTDCCC050

Tot Ion: 50 Resp: 134214

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 57.507 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012159.D

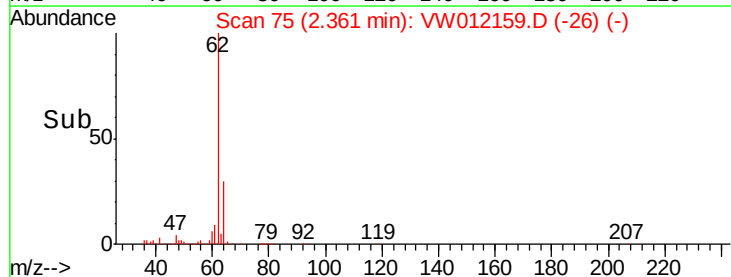
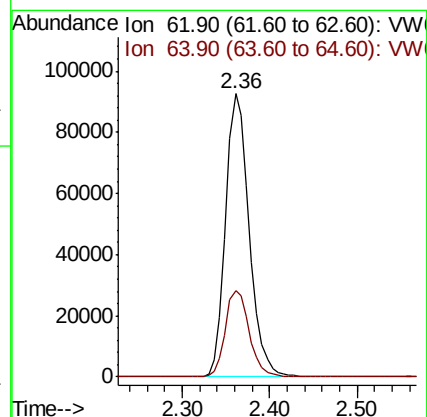
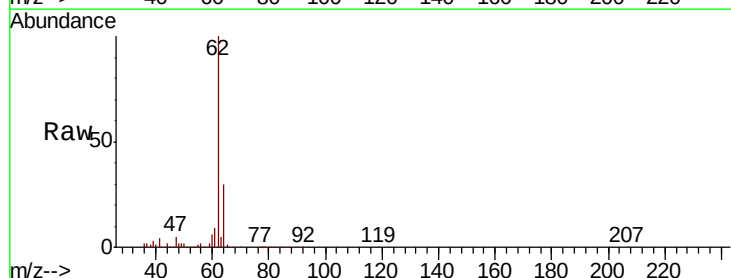
Acq: 26 Aug 2019 09:10

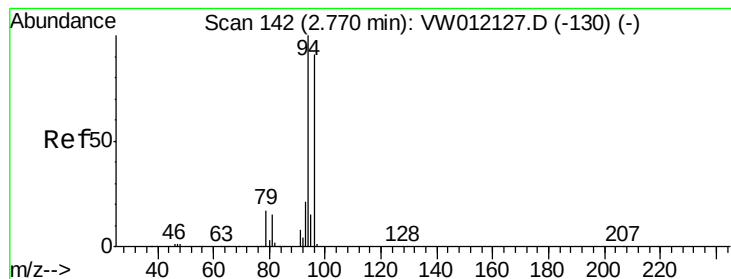
Tgt Ion: 62 Resp: 172546

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 56.910 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

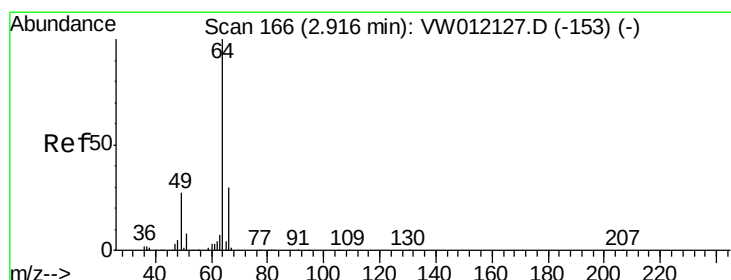
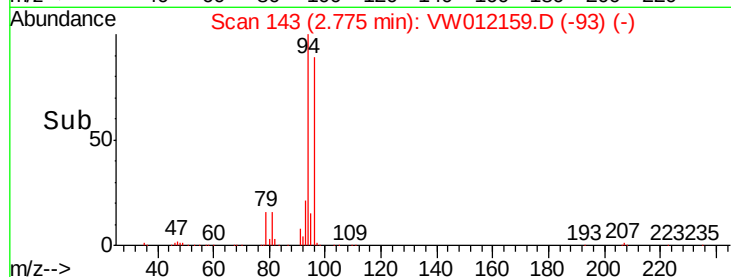
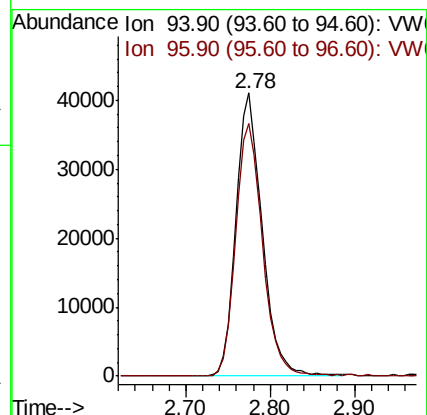
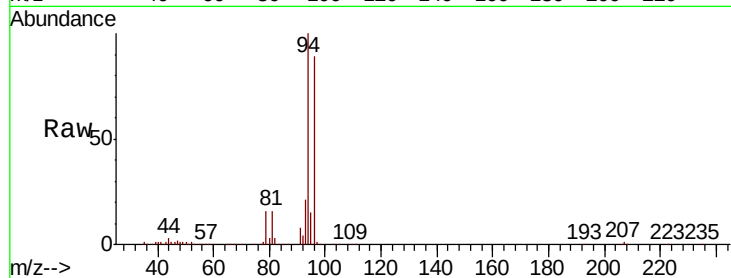
VSTDCCC050

Tot Ion: 94 Resp: 86478

Ion Ratio Lower Upper

94 100

96 89.3 72.9 109.3



#6

Chloroethane

Concen: 56.419 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012159.D

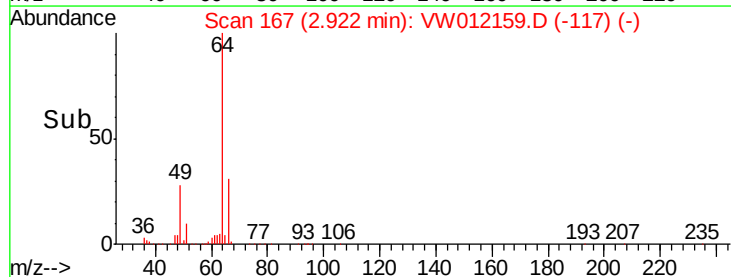
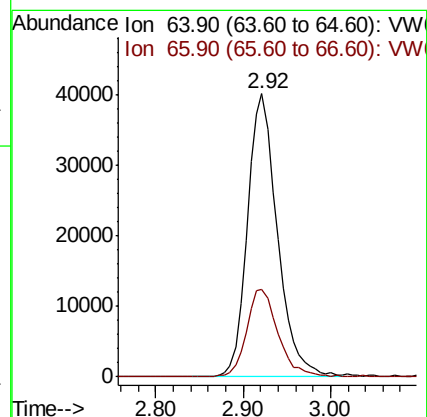
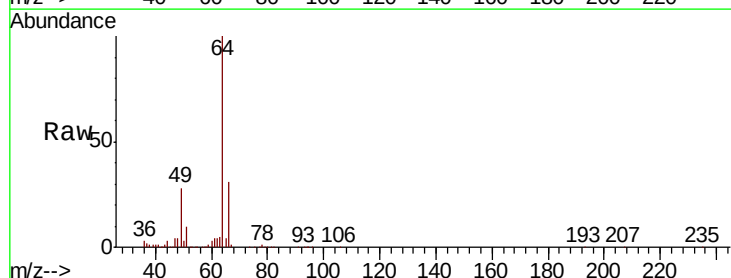
Acq: 26 Aug 2019 09:10

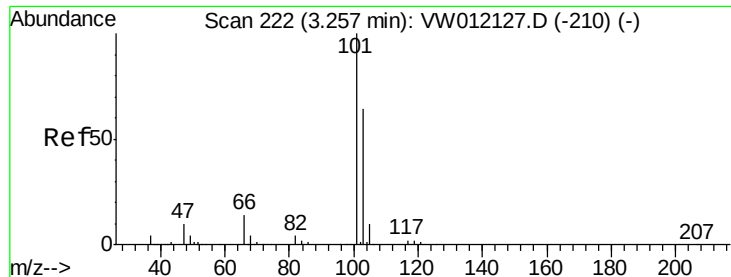
Tgt Ion: 64 Resp: 95495

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.8



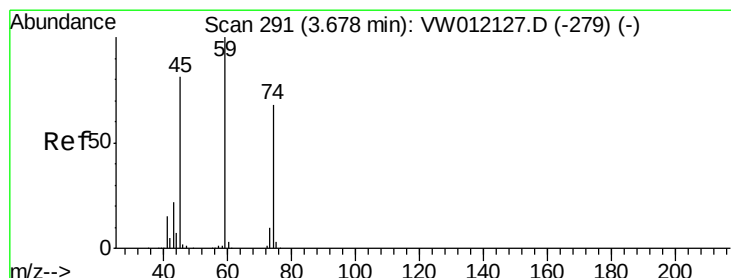
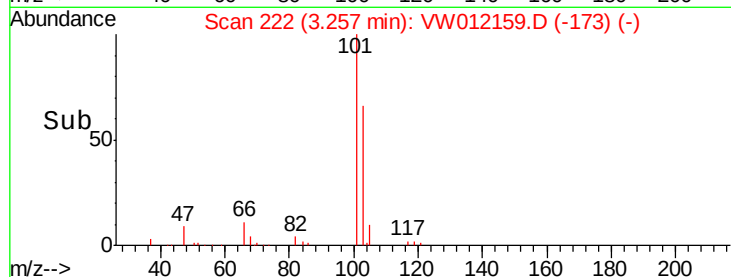
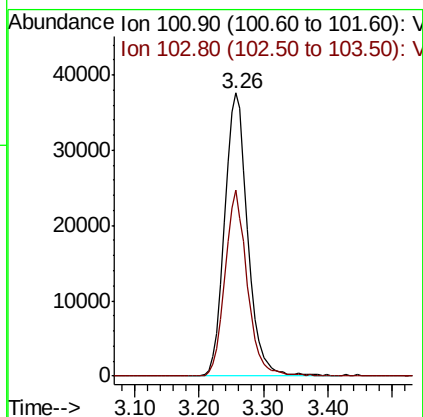
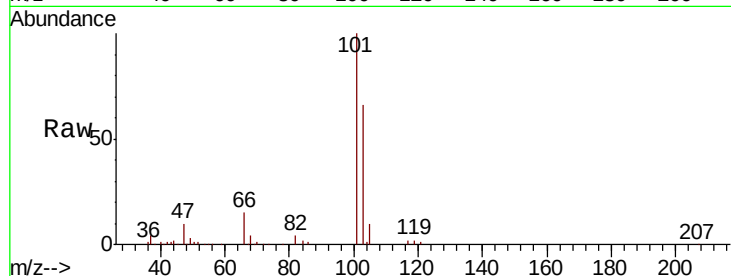


#7

Trichlorofluoromethane
 Concen: 63.301 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

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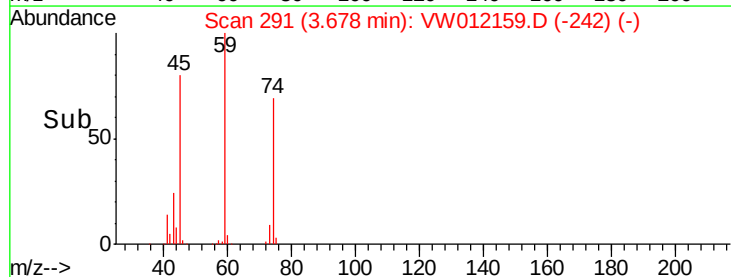
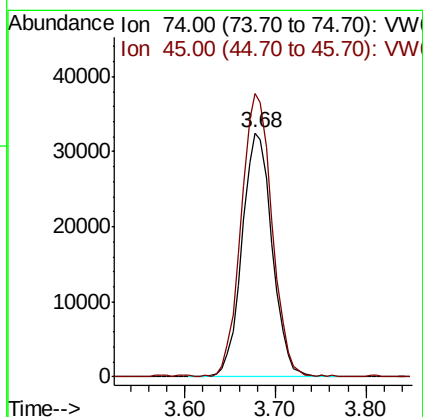
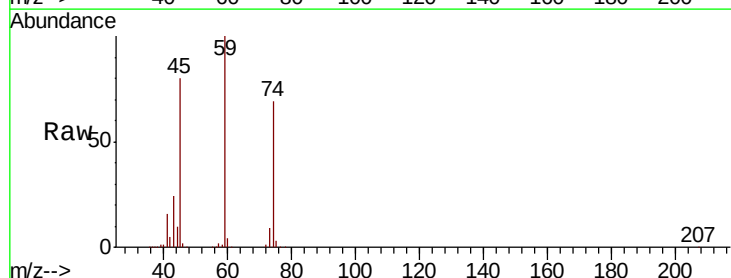
Tot Ion:101 Resp: 95370
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.2 76.8

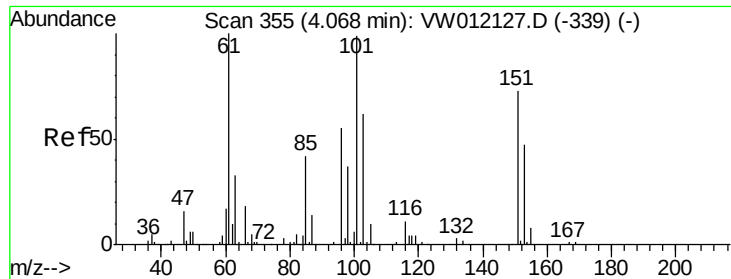


#8

Diethyl Ether
 Concen: 52.196 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 74 Resp: 74644
 Ion Ratio Lower Upper
 74 100
 45 118.6 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.419 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

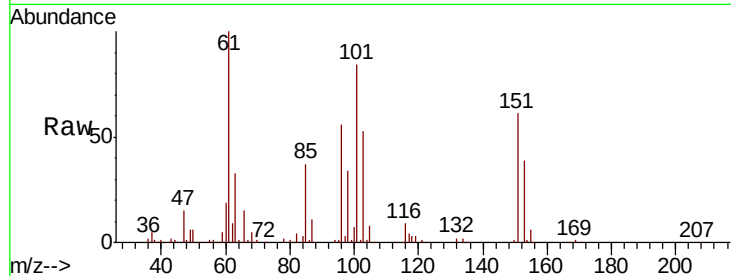
Tot Ion:101 Resp: 141925

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.6

151 74.6 58.6 87.8

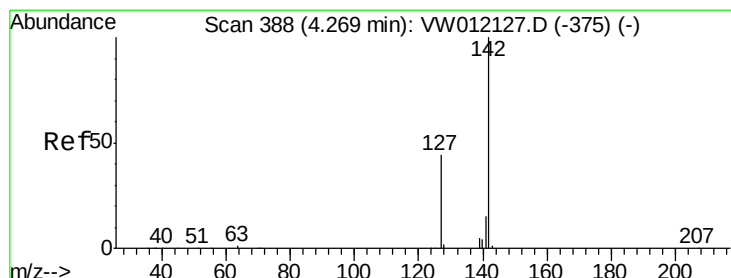
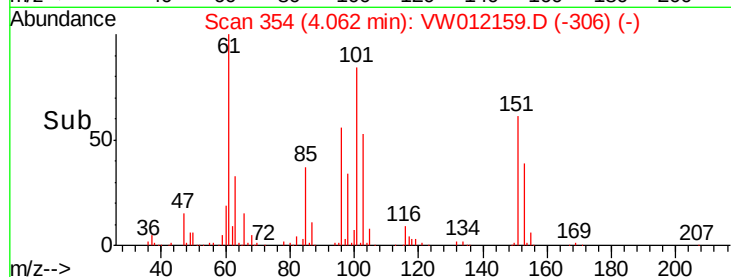
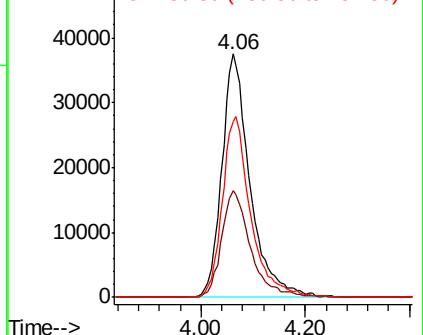


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.754 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

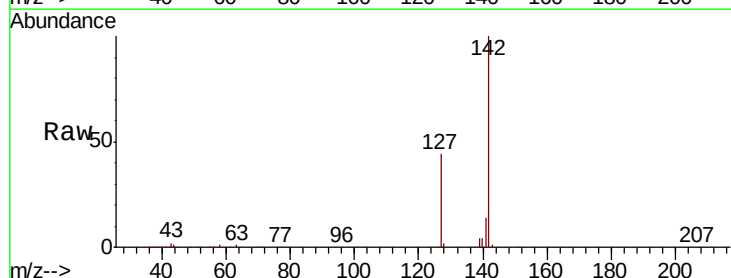
Tgt Ion:142 Resp: 193188

Ion Ratio Lower Upper

142 100

127 44.7 35.5 53.3

141 15.0 11.8 17.8

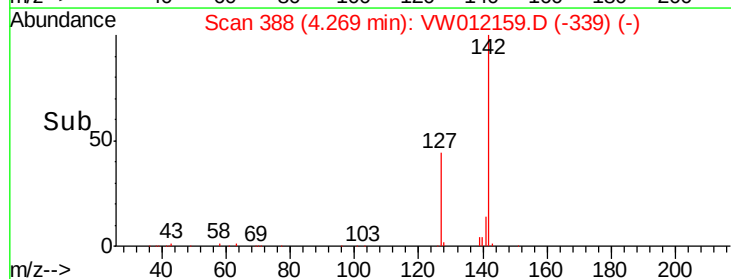
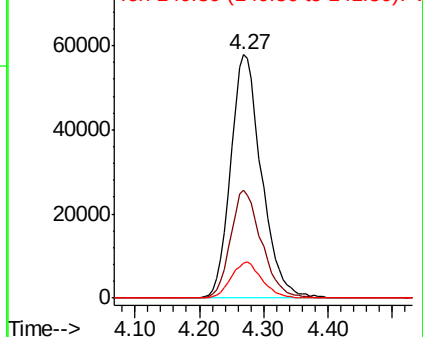


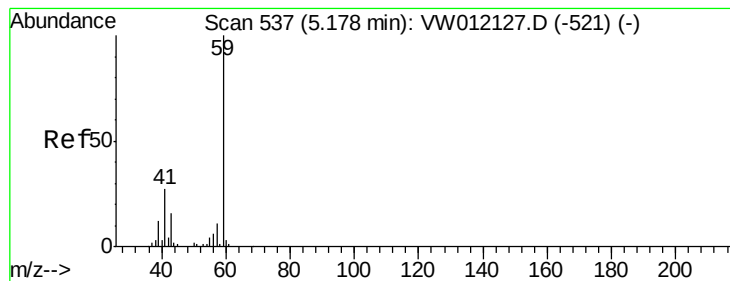
Abundance

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



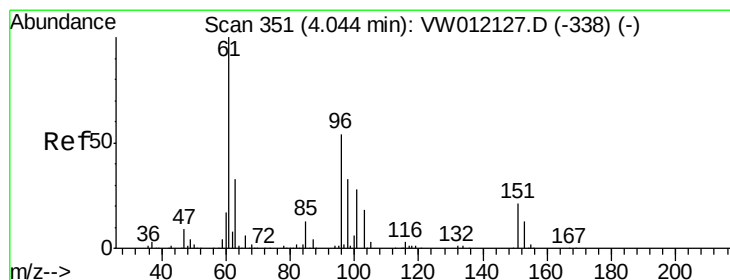
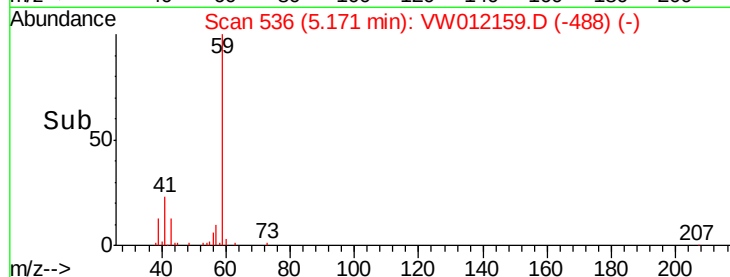
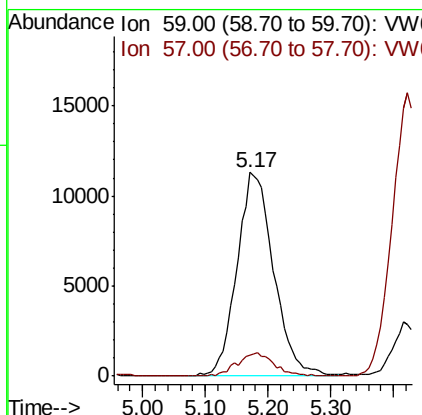
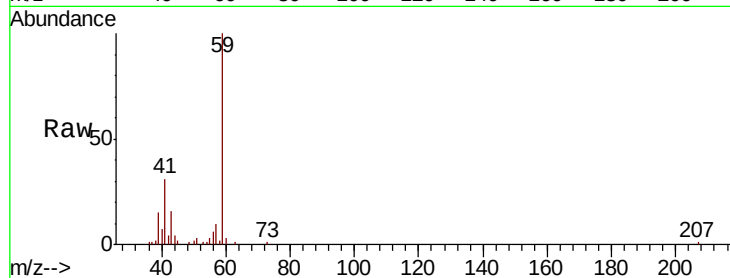


#11

Tert butyl alcohol
 Concen: 249.287 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

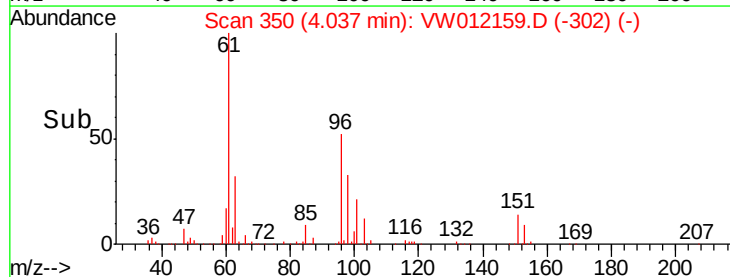
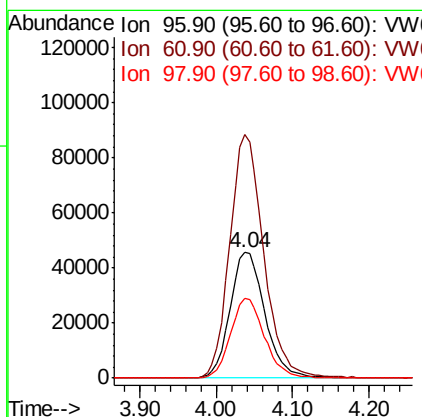
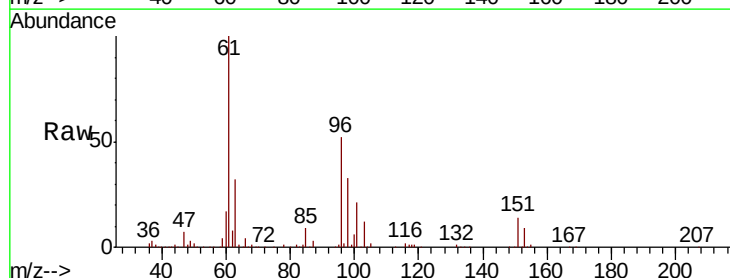
Tot Ion: 59 Resp: 45828
 Ion Ratio Lower Upper
 59 100
 57 11.5 9.0 13.4

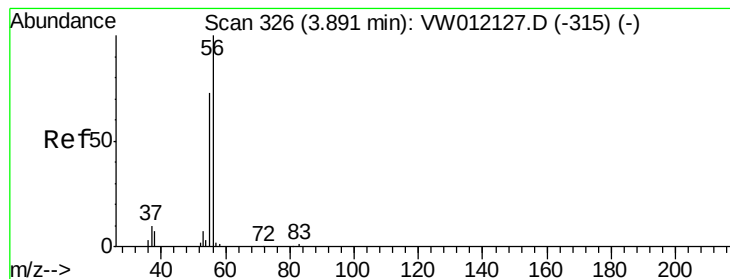


#12

1,1-Dichloroethene
 Concen: 55.743 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 96 Resp: 143681
 Ion Ratio Lower Upper
 96 100
 61 193.7 149.1 223.7
 98 63.7 49.4 74.2





#13

Acrolein

Concen: 266.323 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

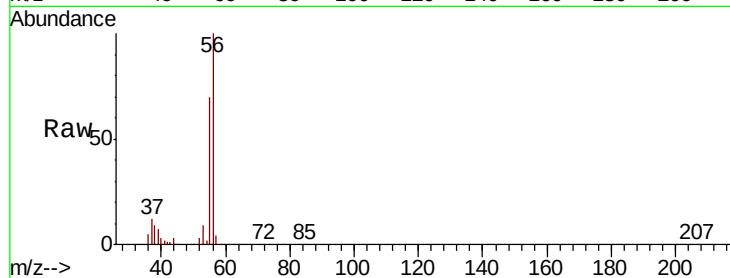
VSTDCCC050

Tot Ion: 56 Resp: 46087

Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

20000

15000

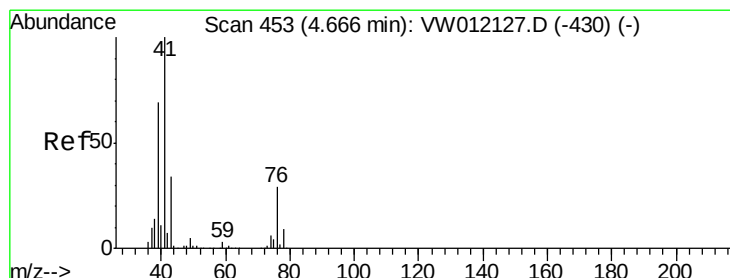
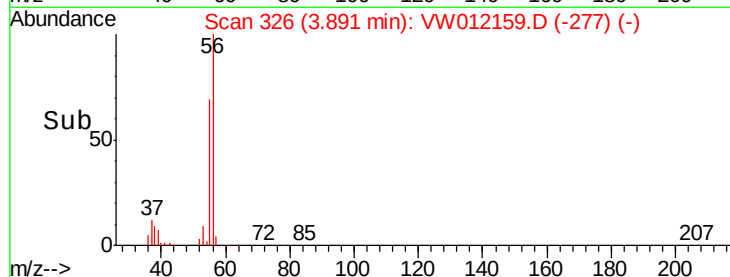
10000

5000

0

3.80 3.89 4.00

Time-->



#14

Allyl chloride

Concen: 55.931 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

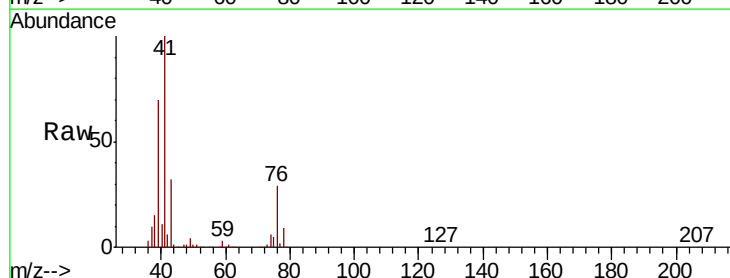
Tgt Ion: 41 Resp: 308205

Ion Ratio Lower Upper

41 100

39 66.8 53.4 80.2

76 27.3 22.1 33.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

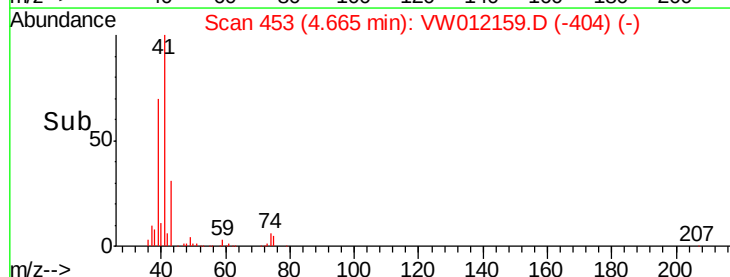
100000

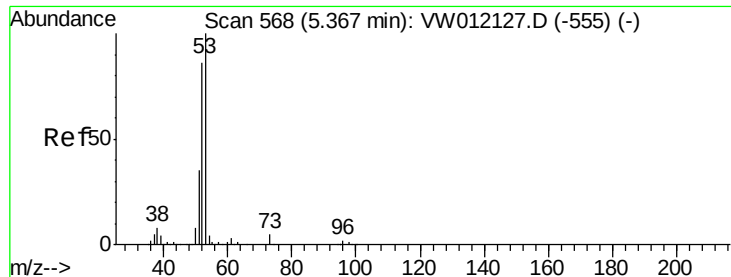
50000

0

4.50 4.60 4.67 4.80 4.90

Time-->





#15

Acrylonitrile

Concen: 259.912 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

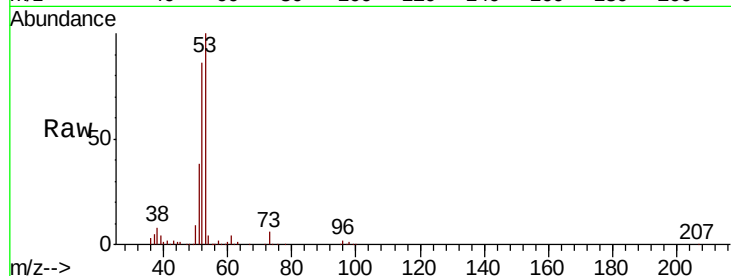
Tot Ion: 53 Resp: 184232

Ion Ratio Lower Upper

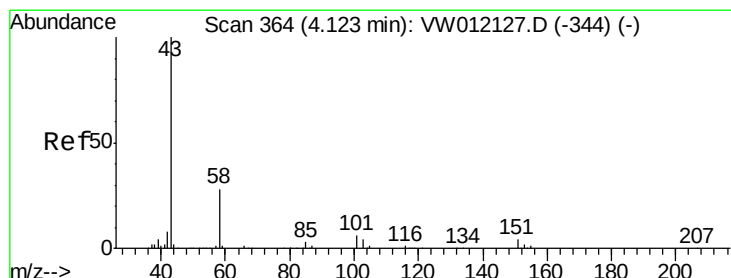
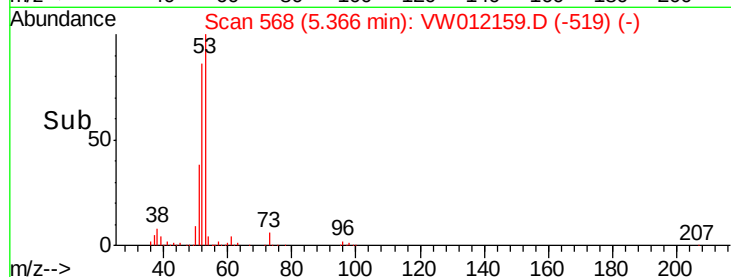
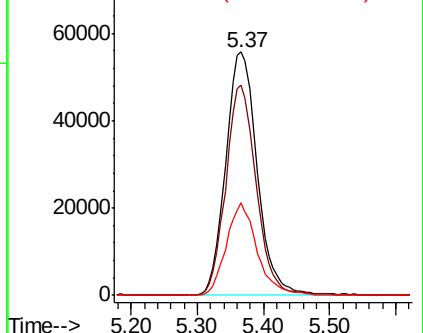
53 100

52 83.5 66.7 100.1

51 37.0 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: 287.876 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012159.D

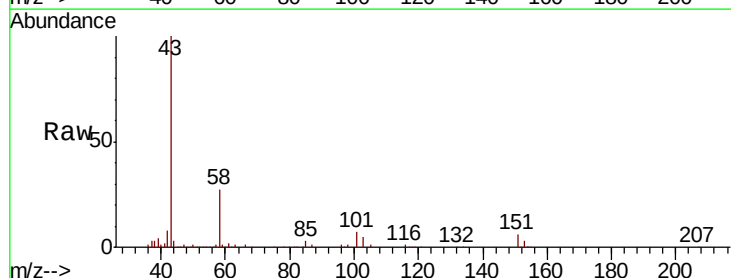
Acq: 26 Aug 2019 09:10

Tgt Ion: 43 Resp: 224794

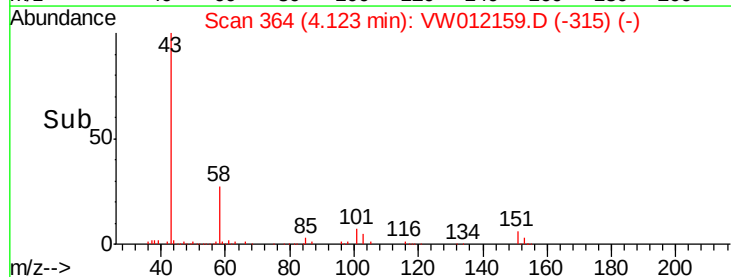
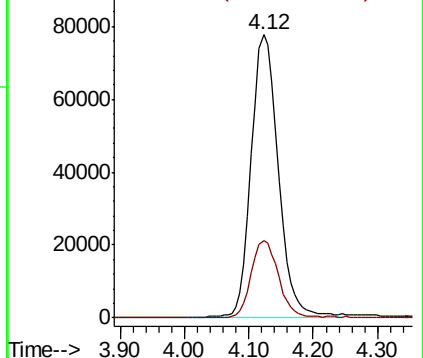
Ion Ratio Lower Upper

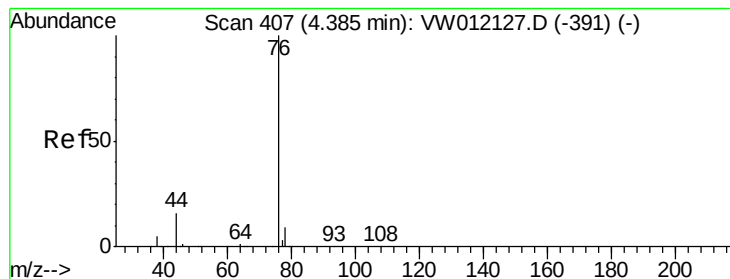
43 100

58 27.1 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: 59.062 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

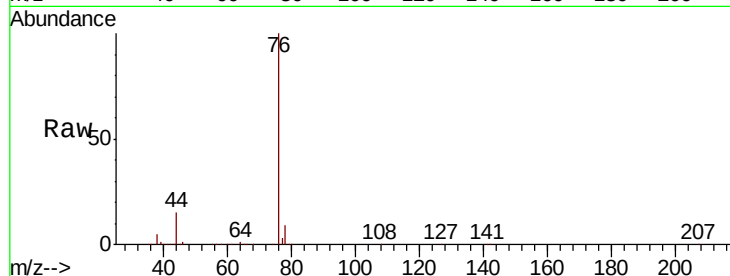
VSTDCCC050

Tot Ion: 76 Resp: 460087

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

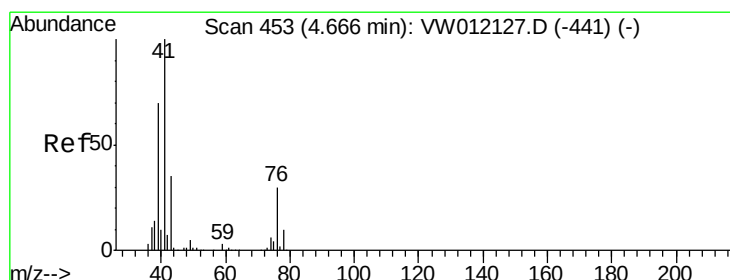
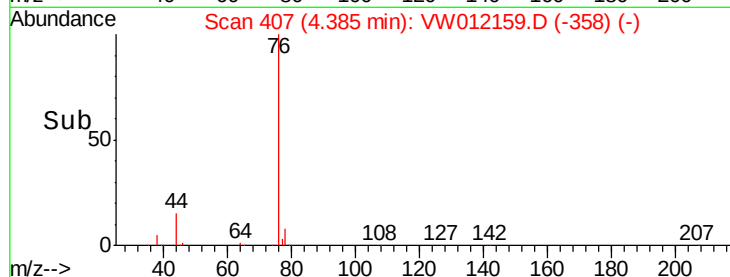
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.968 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012159.D

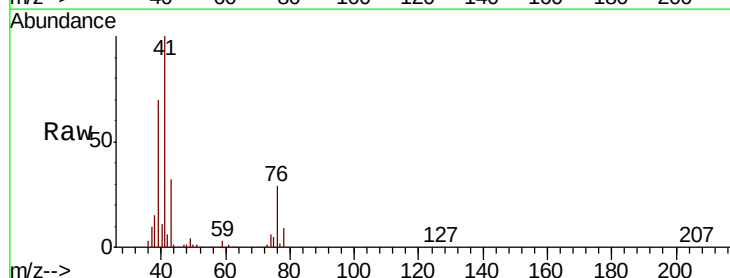
Acq: 26 Aug 2019 09:10

Tgt Ion: 43 Resp: 94709

Ion Ratio Lower Upper

43 100

74 19.1 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

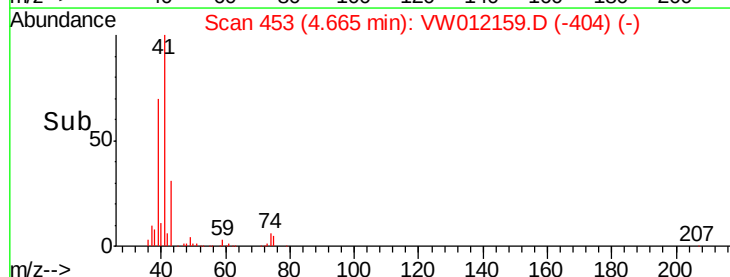
30000

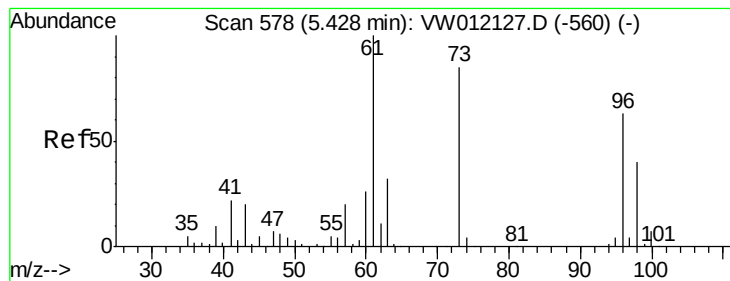
20000

10000

0

Time-->



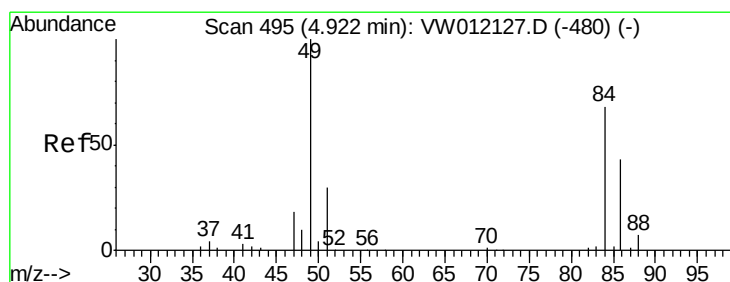
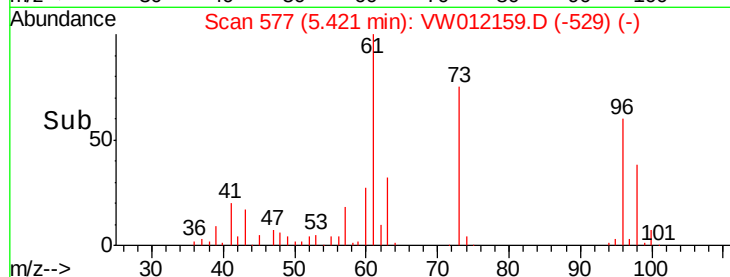
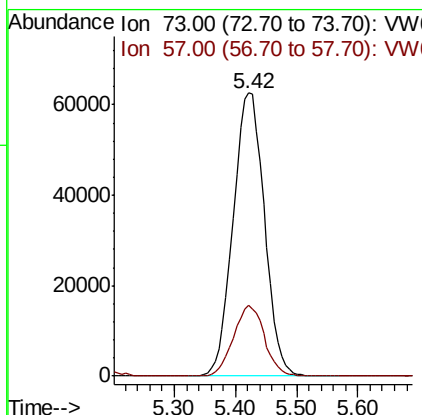
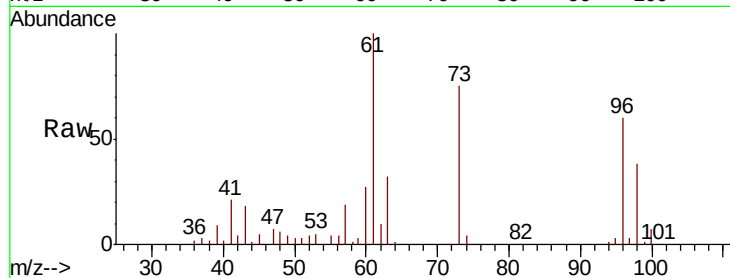


#19

Methyl tert-butyl Ether
 Concen: 53.175 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

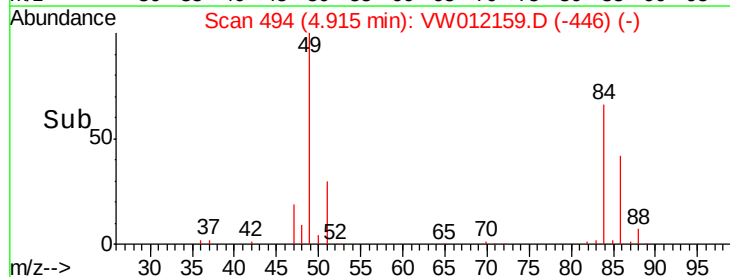
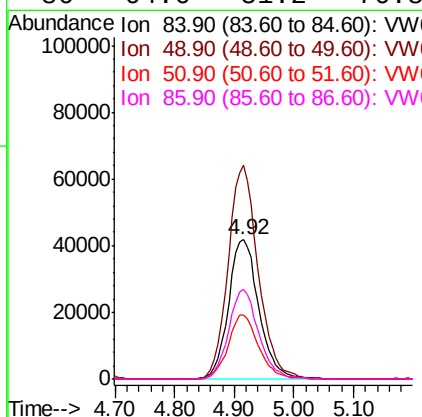
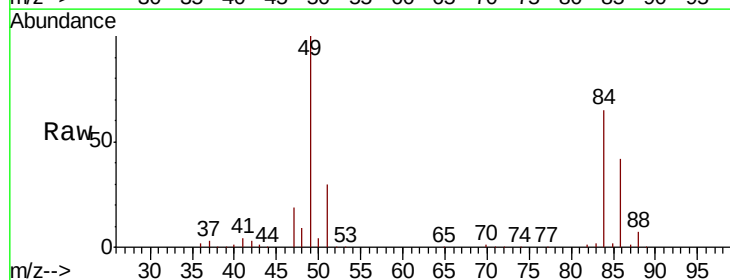
Tot Ion: 73 Resp: 221652
 Ion Ratio Lower Upper
 73 100
 57 25.1 18.9 28.3

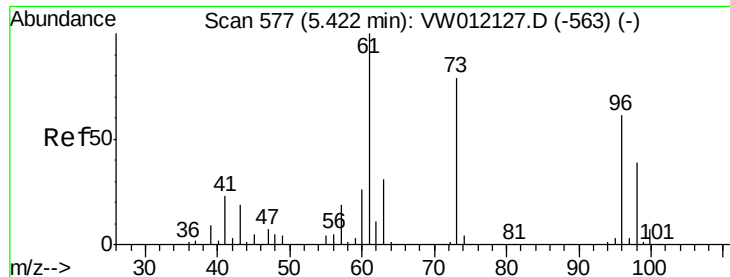


#20

Methylene Chloride
 Concen: 50.182 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 84 Resp: 148139
 Ion Ratio Lower Upper
 84 100
 49 153.4 117.8 176.8
 51 46.1 35.6 53.4
 86 64.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.690 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

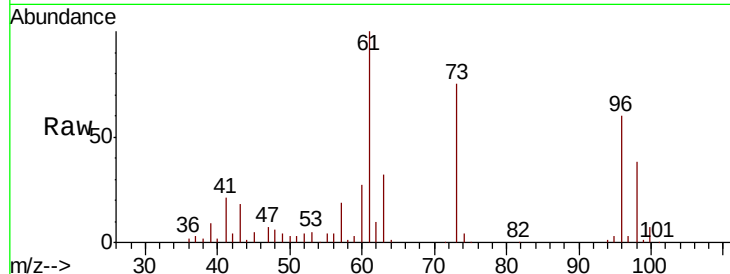
Tot Ion: 96 Resp: 151167

Ion Ratio Lower Upper

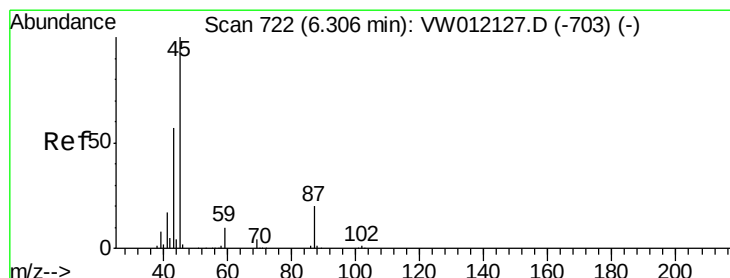
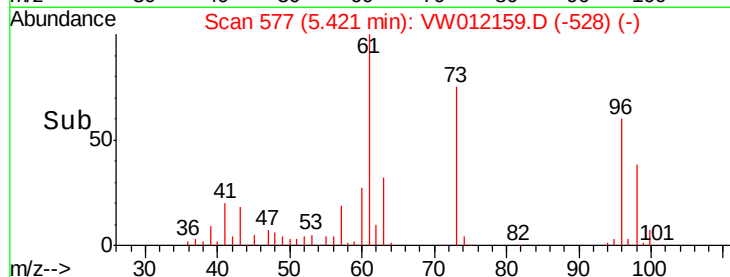
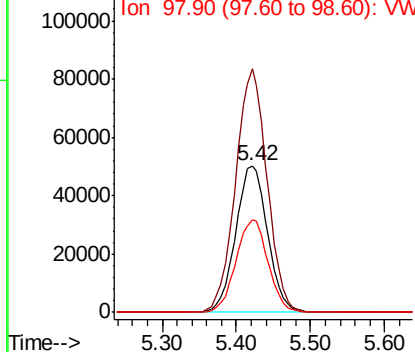
96 100

61 166.3 131.4 197.0

98 63.3 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: 53.393 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Tgt Ion: 45 Resp: 545367

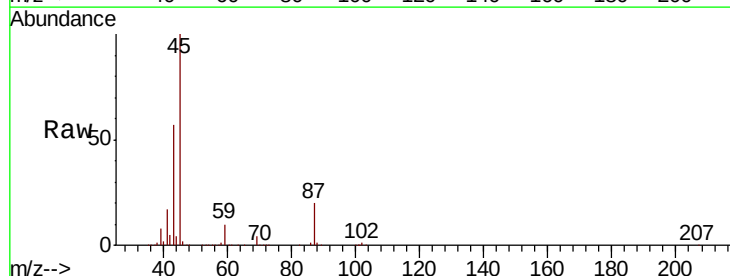
Ion Ratio Lower Upper

45 100

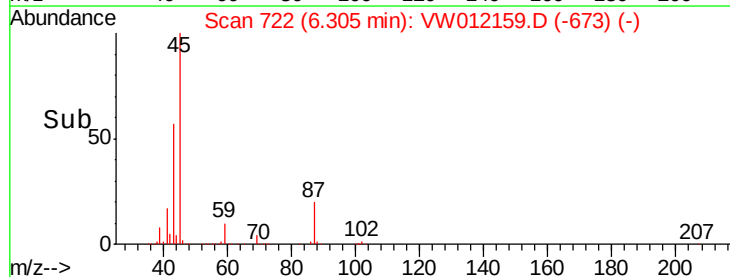
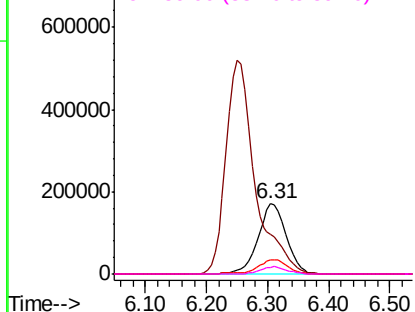
43 56.7 45.5 68.3

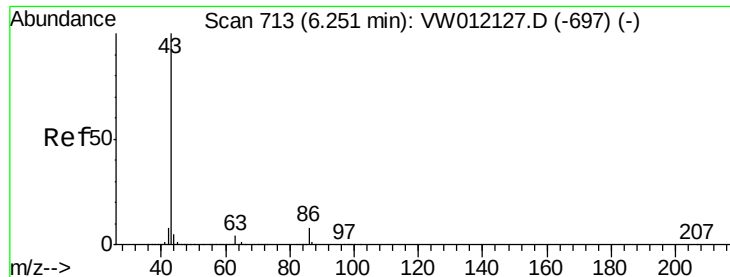
87 20.4 16.1 24.1

59 10.0 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: 271.052 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

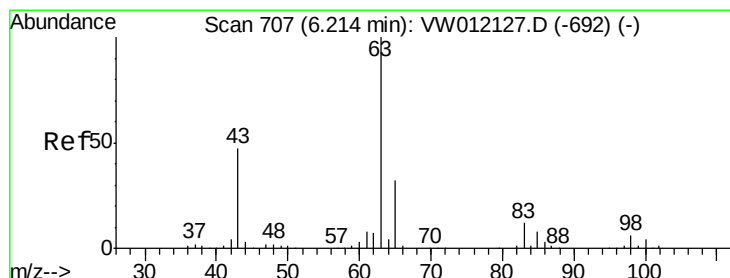
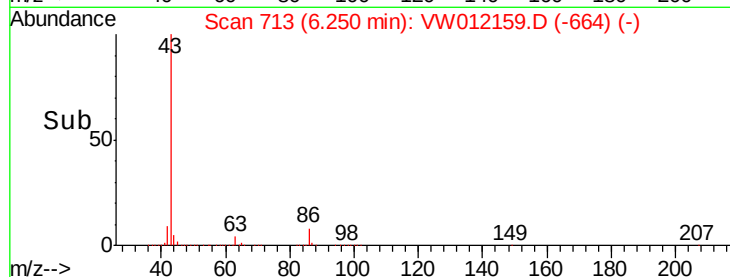
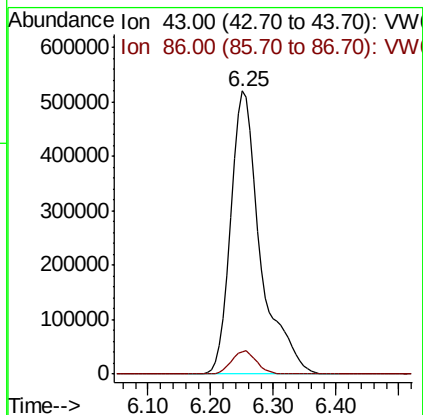
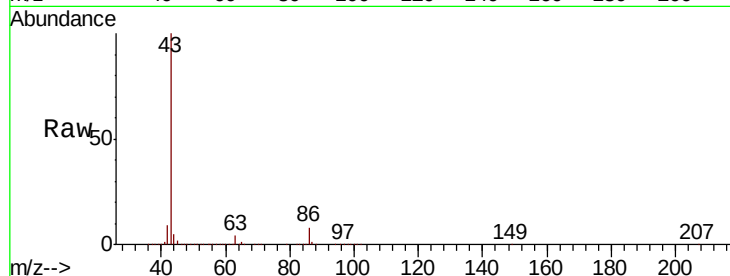
VSTDCCC050

Tot Ion: 43 Resp: 1703825

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 54.016 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

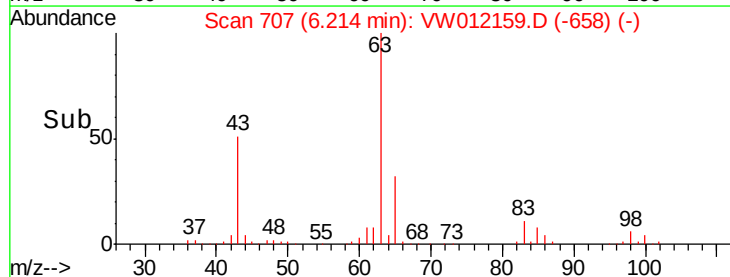
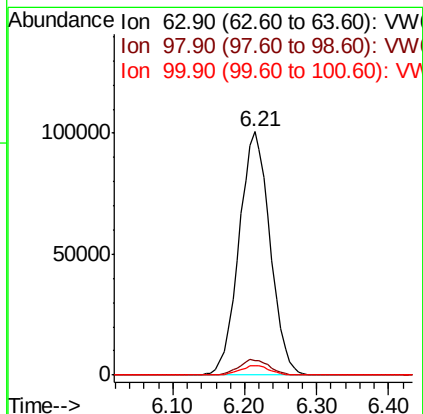
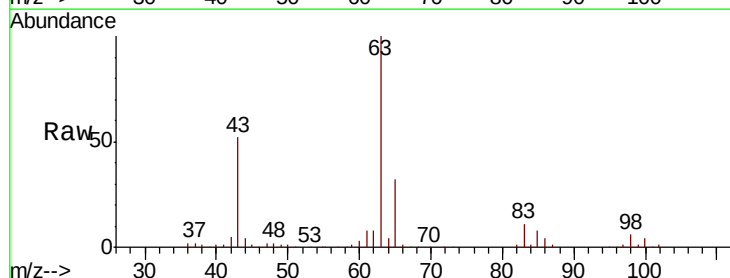
Tgt Ion: 63 Resp: 300407

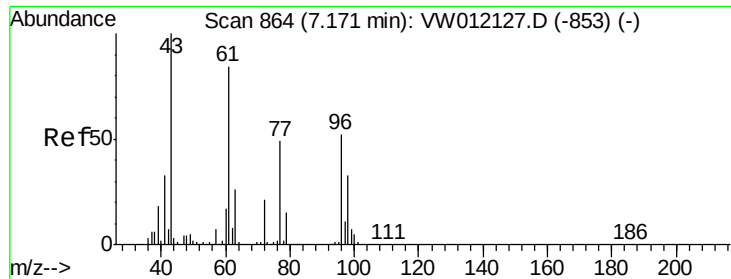
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 268.596 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

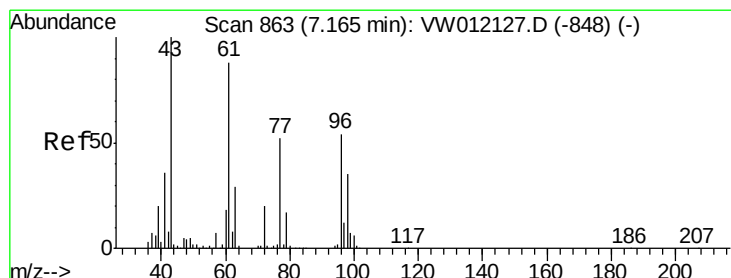
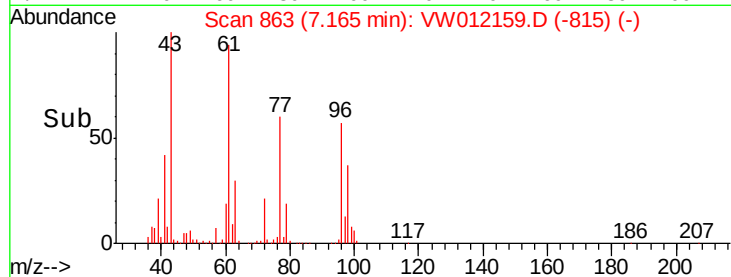
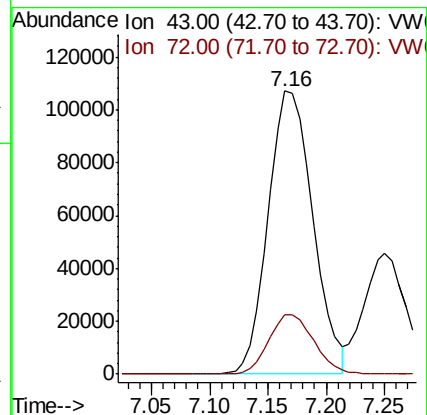
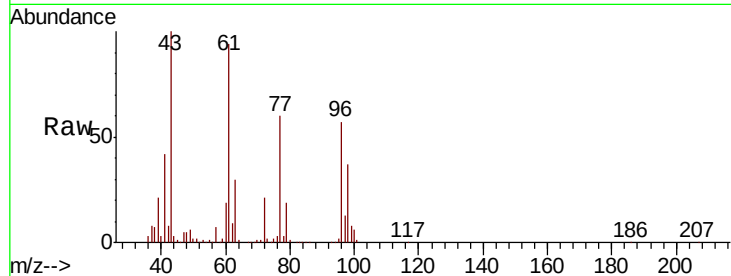
VSTDCCC050

Tot Ion: 43 Resp: 285011

Ion Ratio Lower Upper

43 100

72 21.2 16.6 24.8



#26

2,2-Dichloropropane

Concen: 57.100 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012159.D

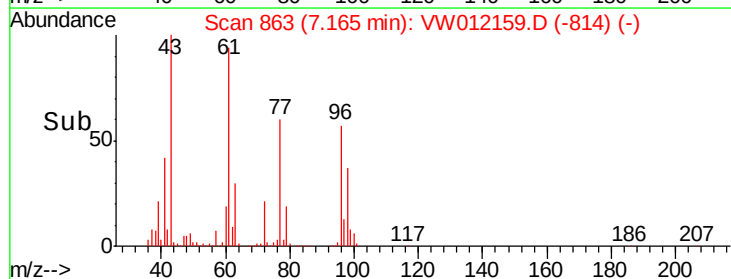
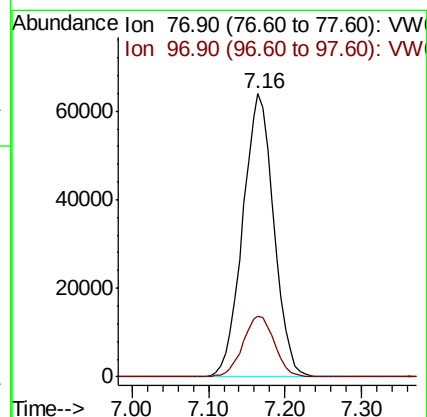
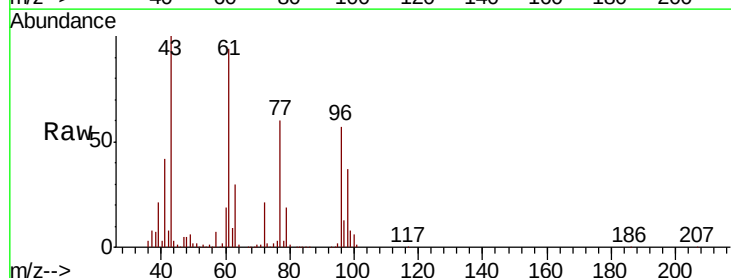
Acq: 26 Aug 2019 09:10

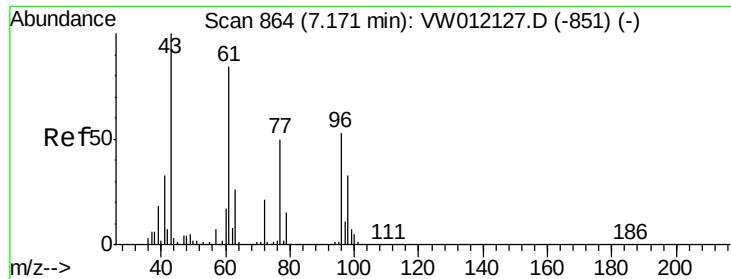
Tgt Ion: 77 Resp: 179743

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.1



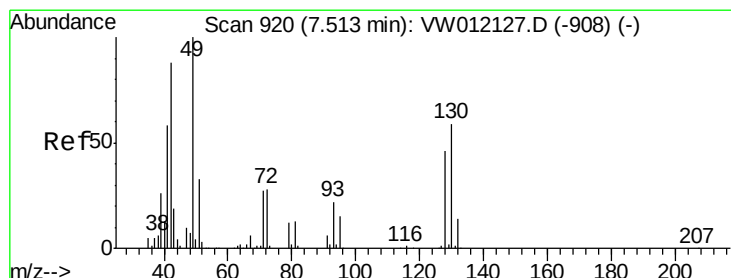
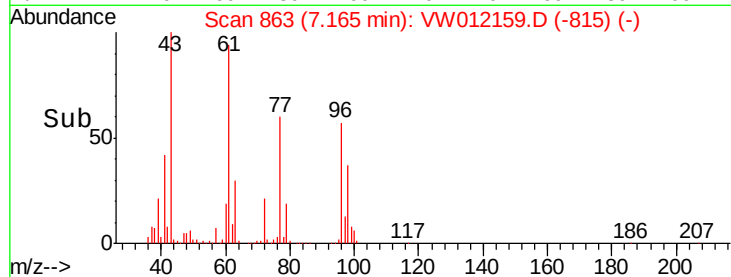
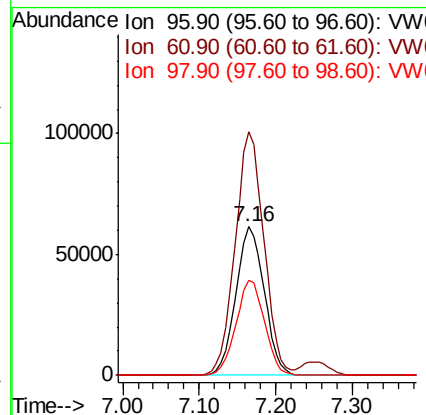
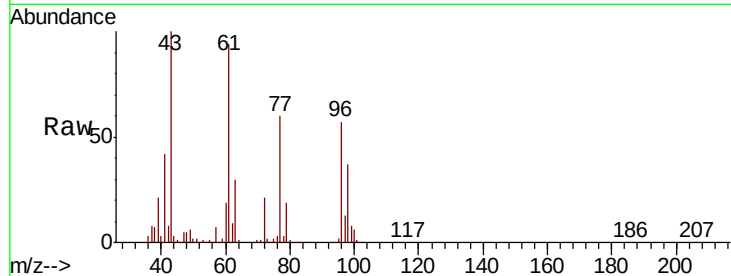


#27

cis-1,2-Dichloroethene
 Concen: 53.611 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

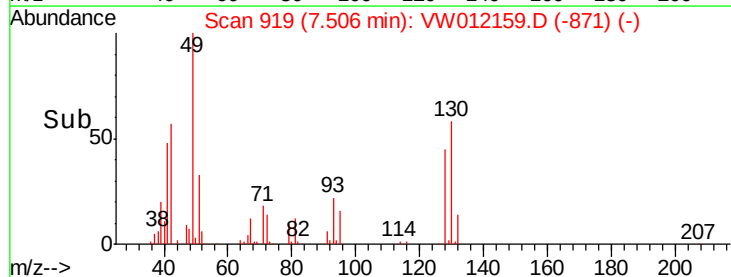
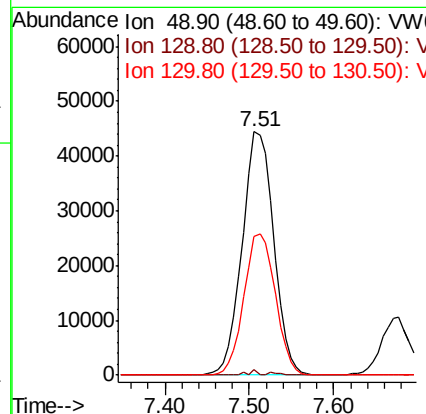
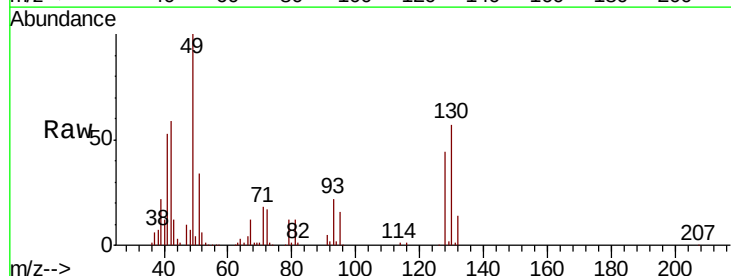
Tot Ion	96	Resp	158323
Ion	Ratio	Lower	Upper
96	100		
61	165.8	0.0	326.6
98	64.3	0.0	127.4

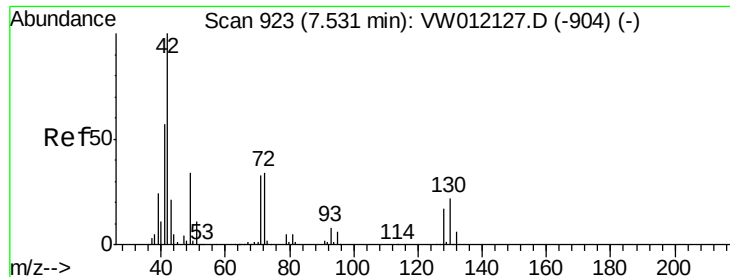


#28

Bromochloromethane
 Concen: 46.493 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion	49	Resp	112698
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.4
130	57.8	45.5	68.3

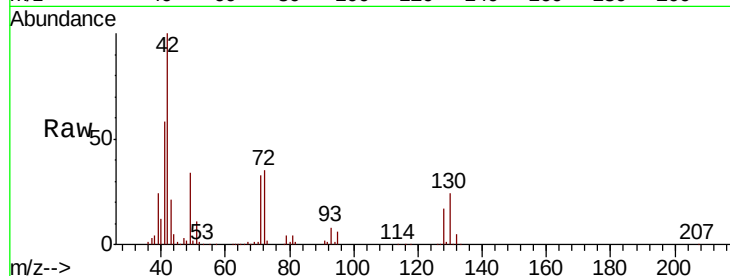




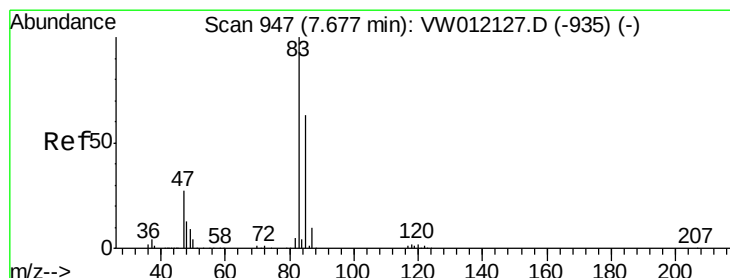
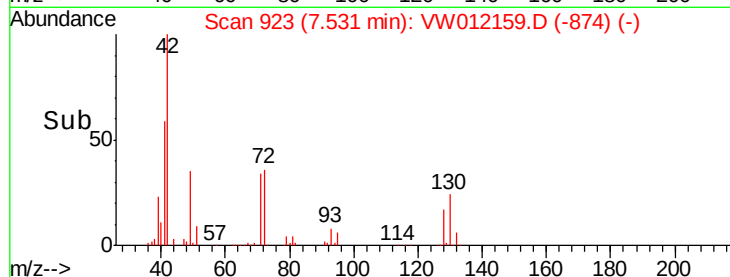
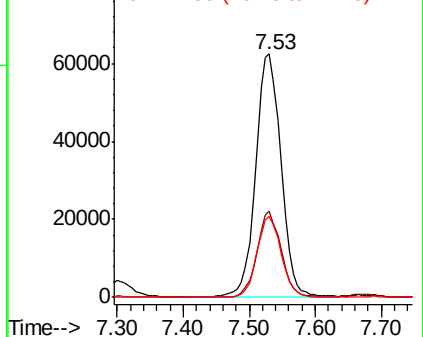
#29
Tetrahydrofuran
Concen: 260.854 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 166066
Ion Ratio Lower Upper
42 100
72 33.7 27.3 40.9
71 32.2 25.5 38.3

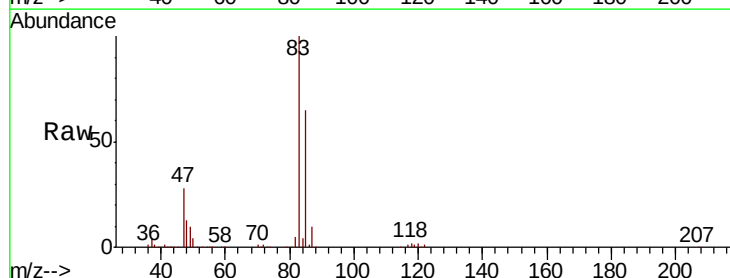


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

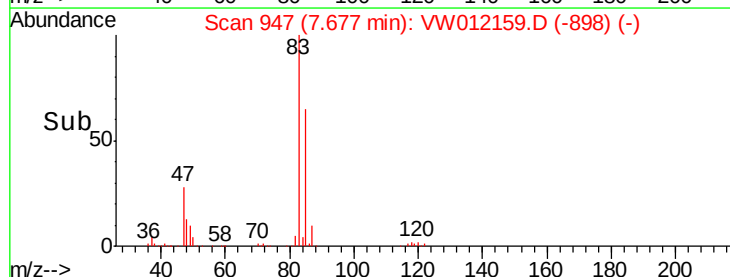
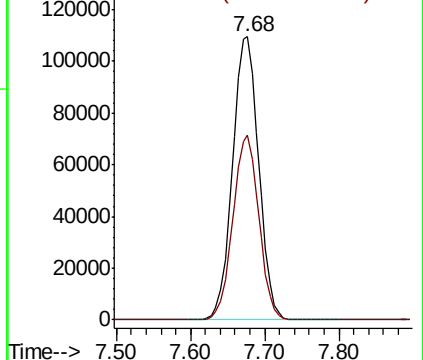


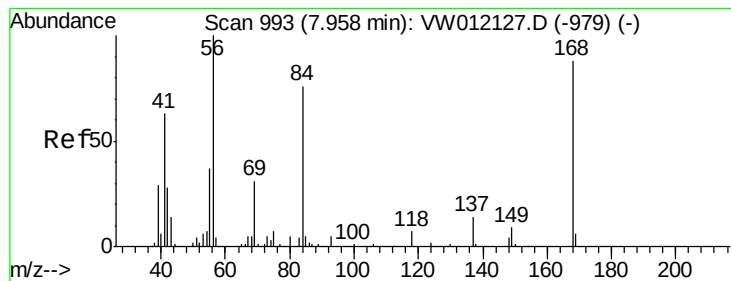
#30
Chloroform
Concen: 53.025 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 83 Resp: 269801
Ion Ratio Lower Upper
83 100
85 65.3 50.6 76.0



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





#31

Cyclohexane

Concen: 52.147 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

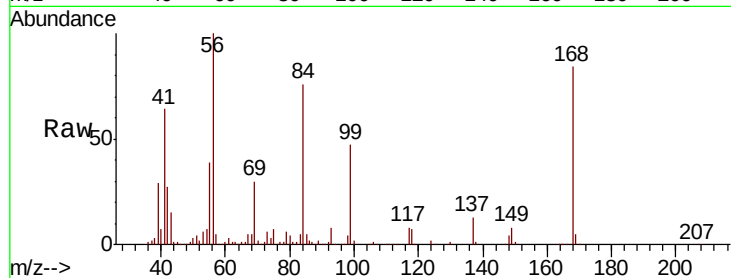
Tot Ion: 56 Resp: 286929

Ion Ratio Lower Upper

56 100

69 30.4 24.9 37.3

84 74.3 60.6 90.8

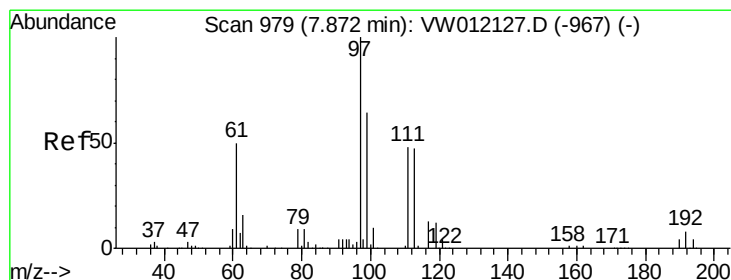
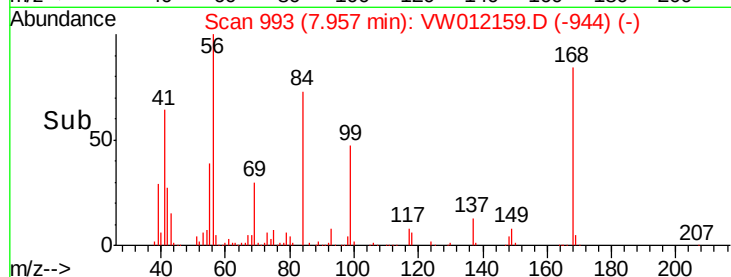
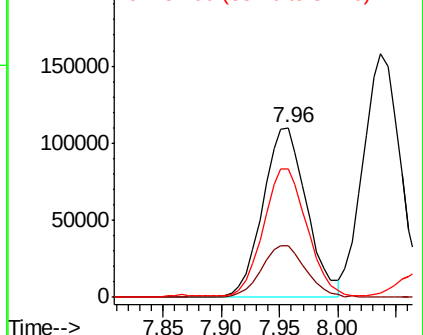


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 55.406 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

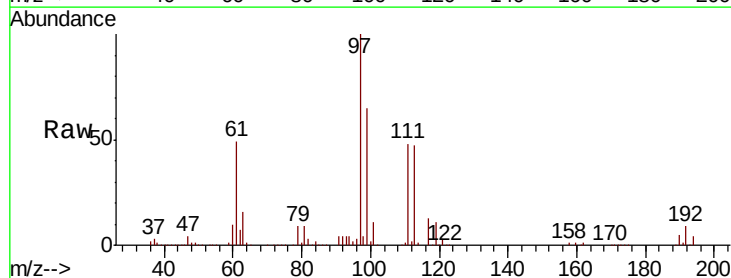
Tgt Ion: 97 Resp: 223016

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 49.5 39.5 59.3

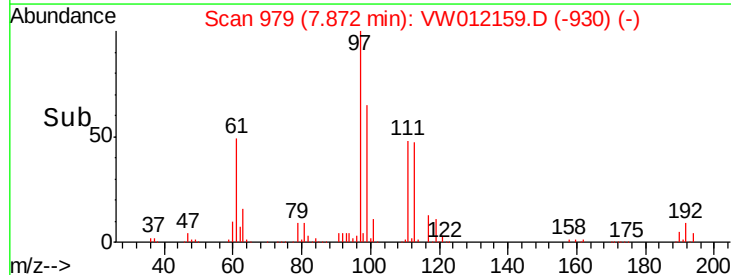
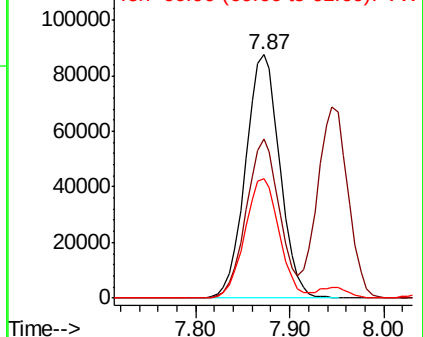


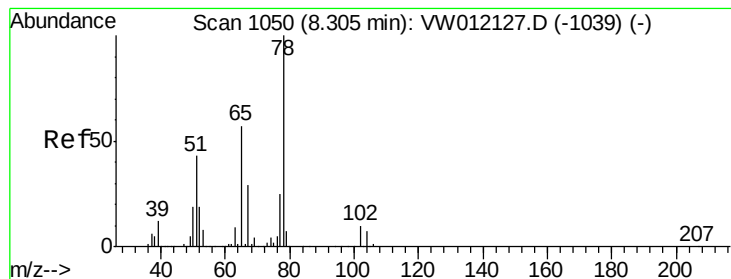
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 48.076 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

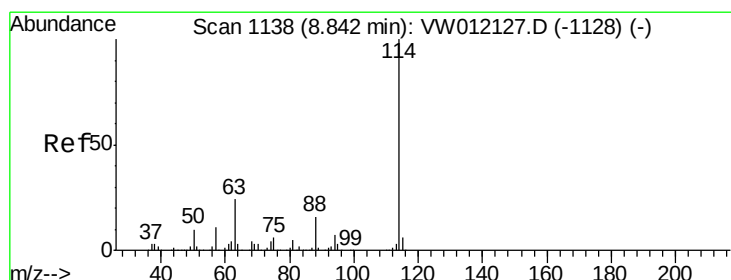
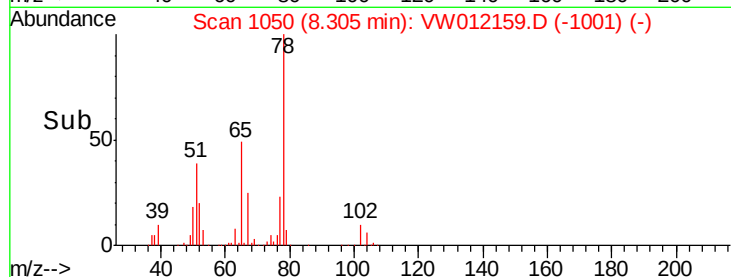
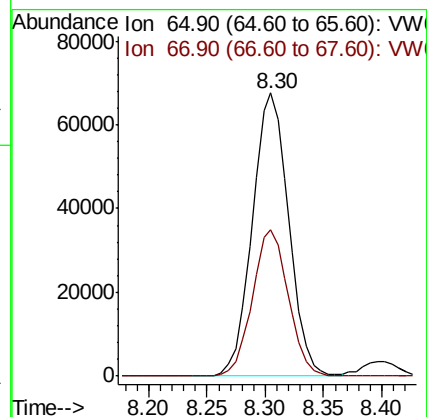
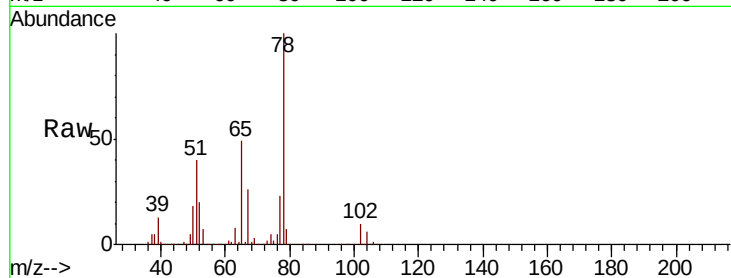
VSTDCCC050

Tot Ion: 65 Resp: 146864

Ion Ratio Lower Upper

65 100

67 51.3 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: VW012159.D

Acq: 26 Aug 2019 09:10

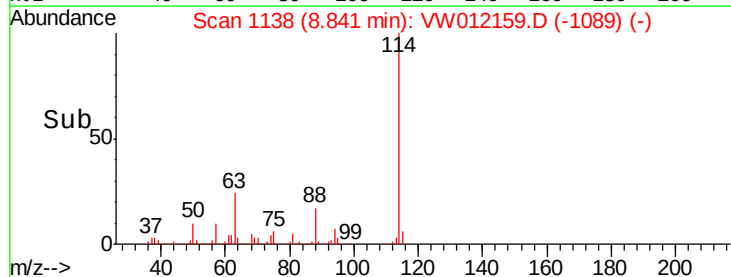
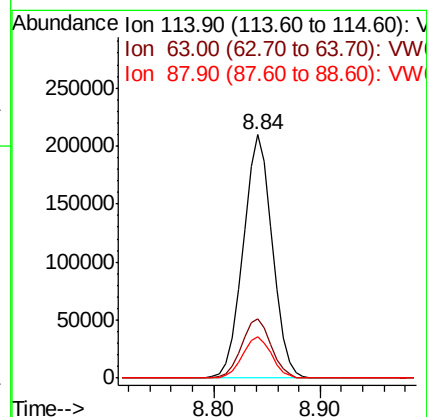
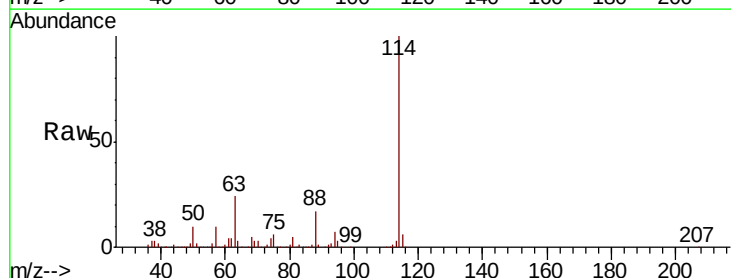
Tgt Ion: 114 Resp: 401810

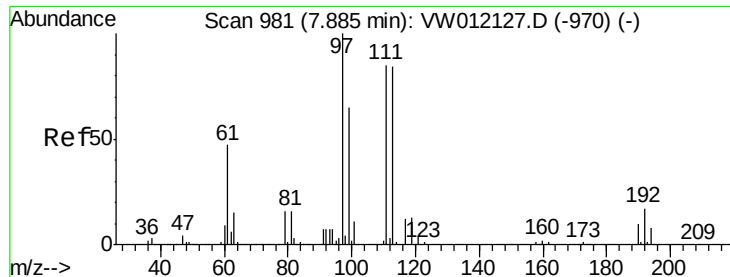
Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

88 17.1 0.0 32.2

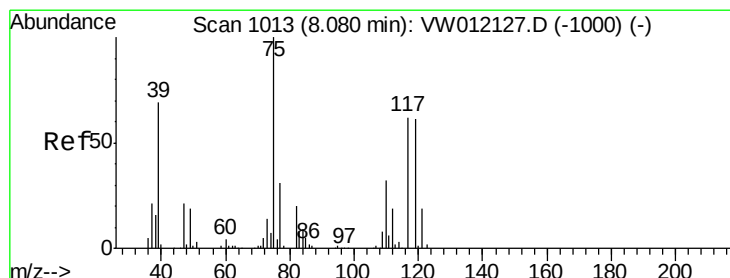
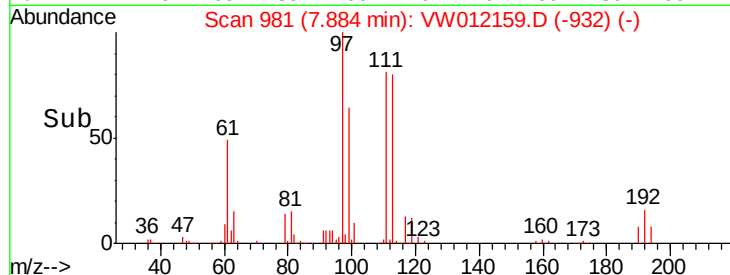
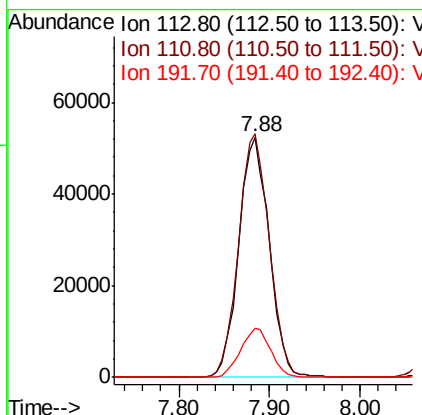
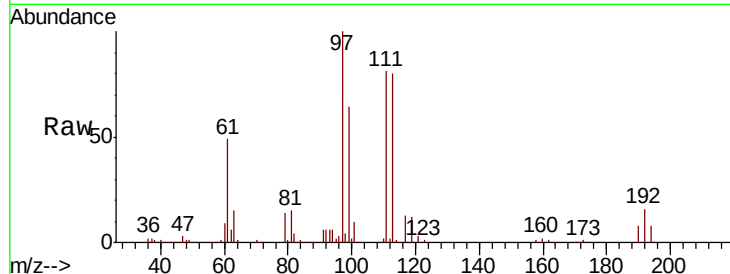




#35
 Dibromofluoromethane
 Concen: 50.806 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

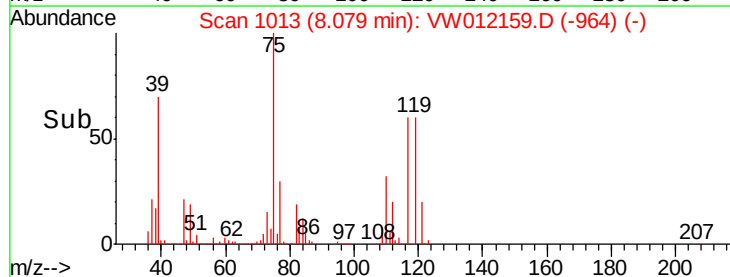
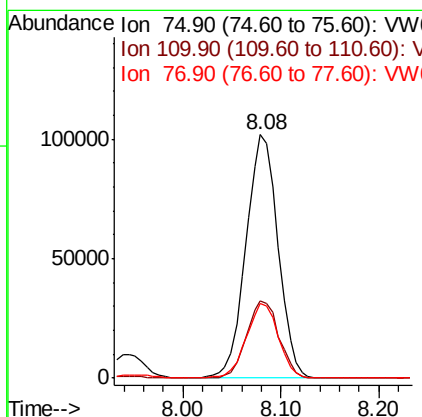
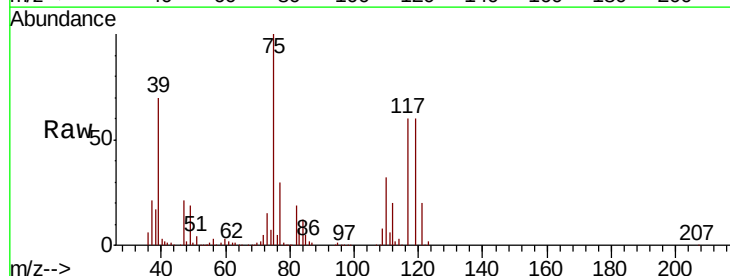
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

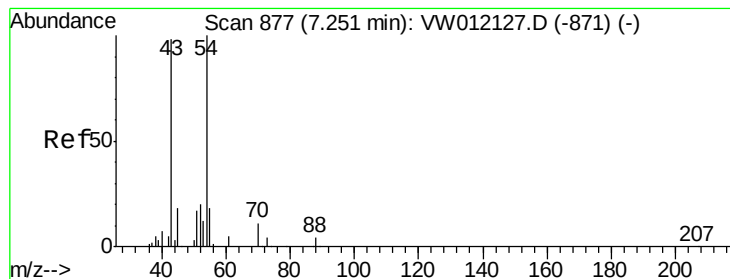
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 55.811 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.6	46.8
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 51.592 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

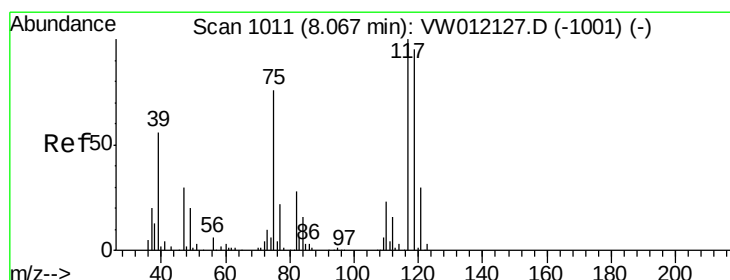
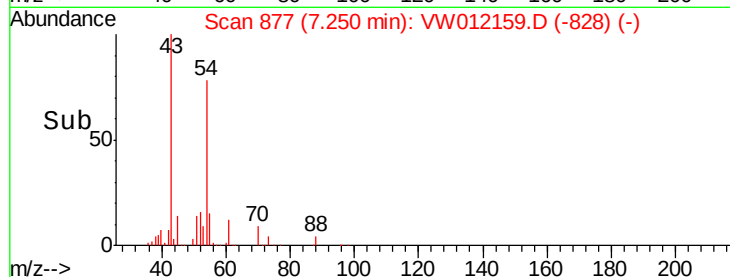
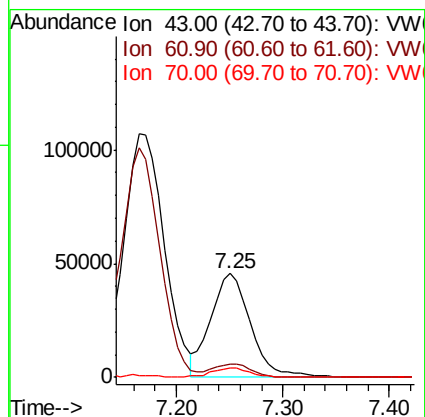
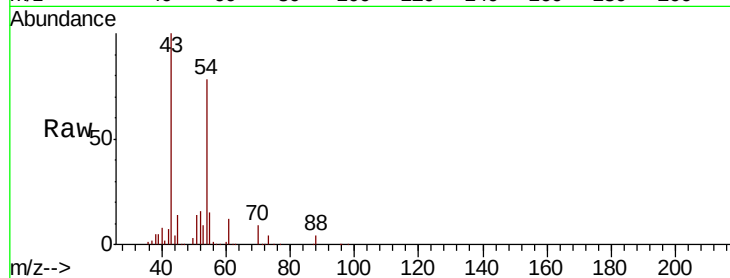
Tot Ion: 43 Resp: 117390

Ion Ratio Lower Upper

43 100

61 12.1 9.2 13.8

70 8.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 56.738 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

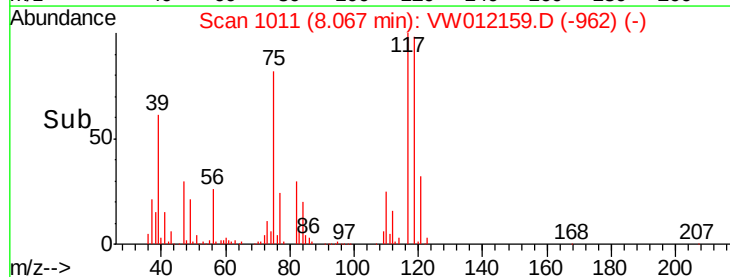
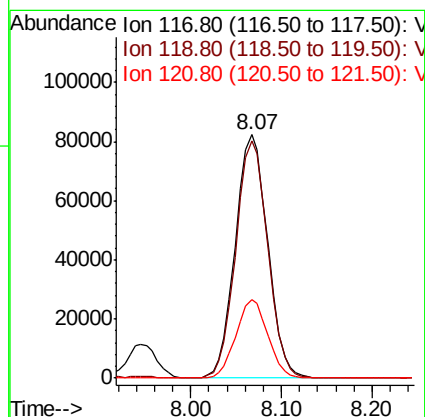
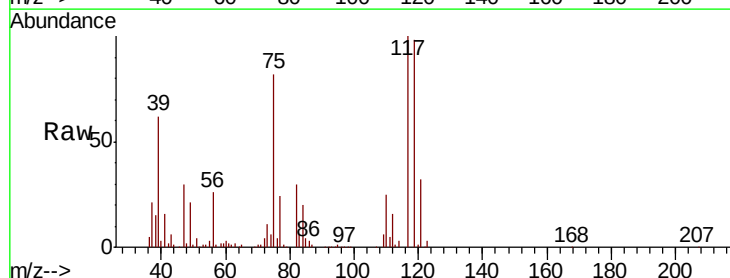
Tgt Ion: 117 Resp: 203908

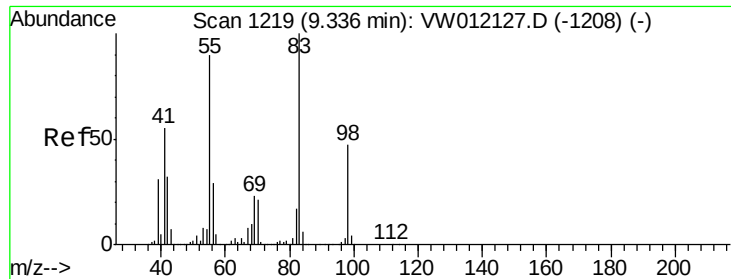
Ion Ratio Lower Upper

117 100

119 97.6 76.2 114.2

121 32.2 23.8 35.8

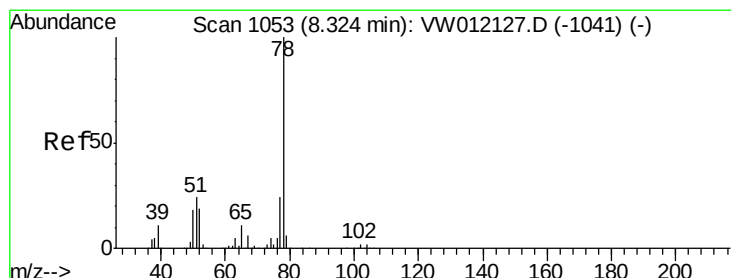
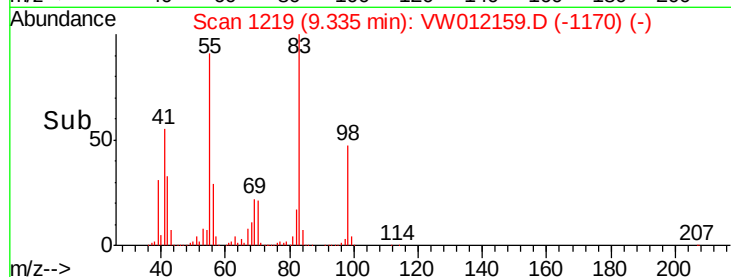
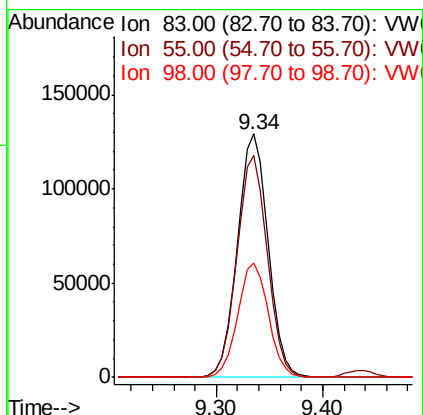
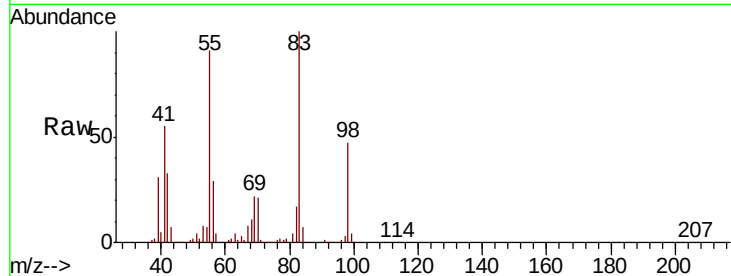




#39
Methylvlcyclohexane
Concen: 56.266 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

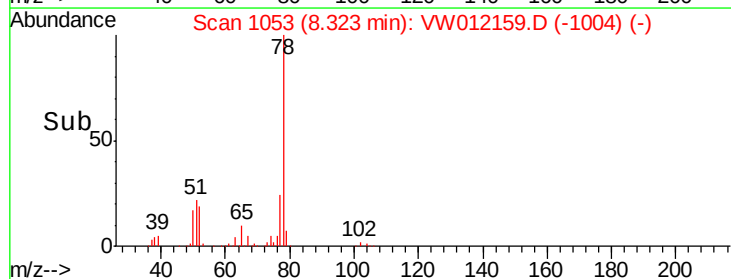
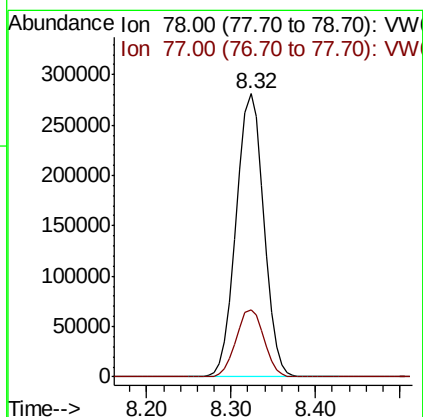
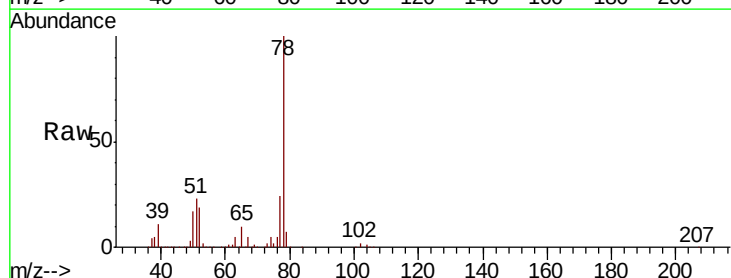
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

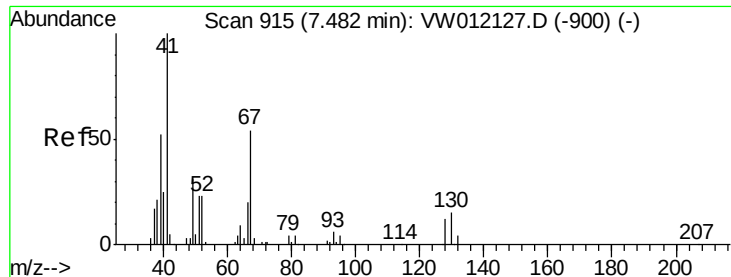
Tot Ion: 83 Resp: 262464
Ion Ratio Lower Upper
83 100
55 91.0 71.8 107.8
98 46.9 37.8 56.8



#40
Benzene
Concen: 54.803 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 78 Resp: 621358
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

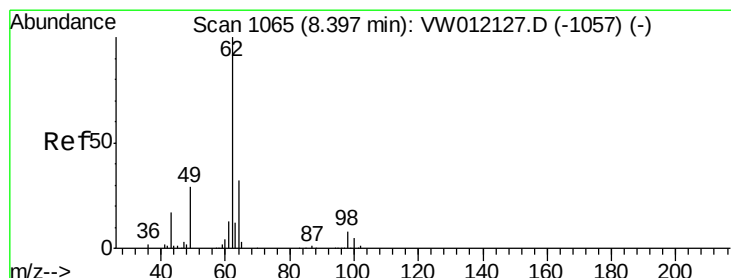
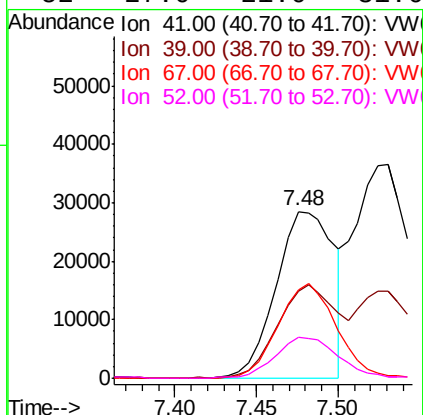
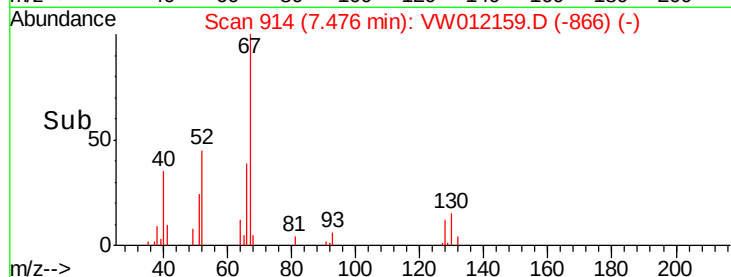
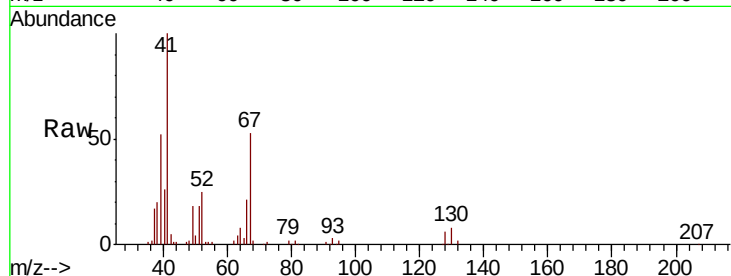




#41
Methacrylonitrile
Concen: 52.294 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

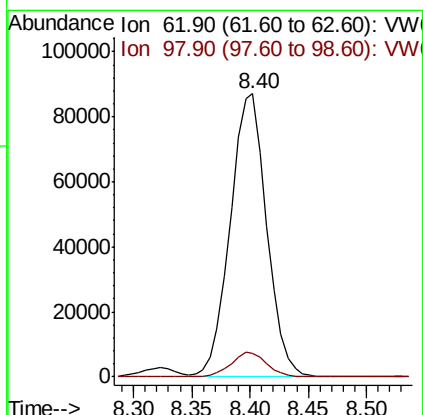
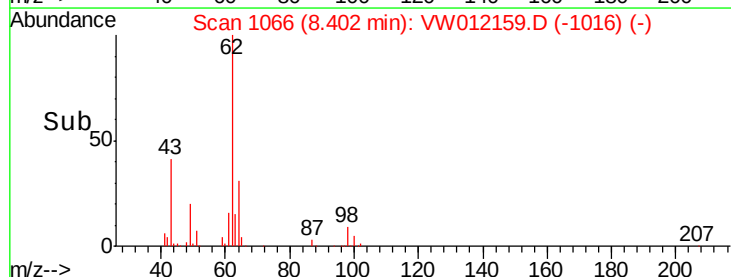
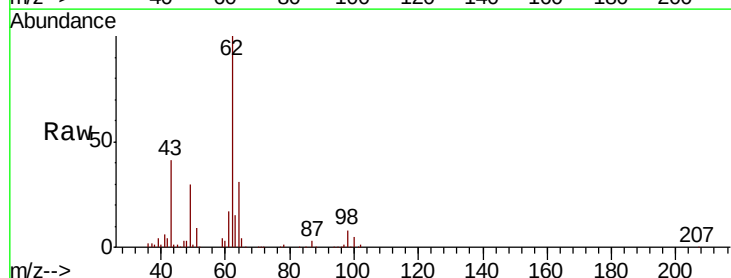
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

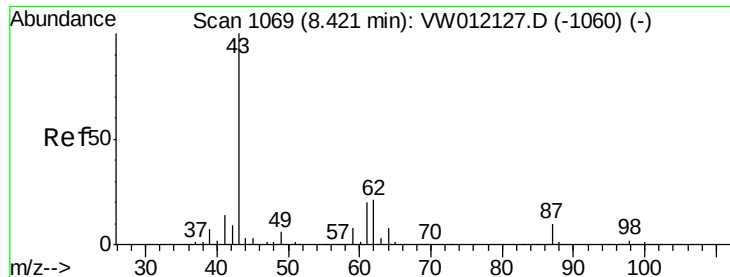
Tot Ion:	41	Resp:	69934
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.8	68.8
67	57.7	46.2	69.4
52	27.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 53.189 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion:	62	Resp:	189004
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 52.173 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

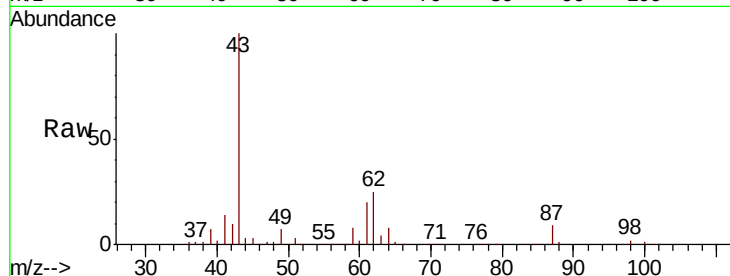
Tot Ion: 43 Resp: 219893

Ion Ratio Lower Upper

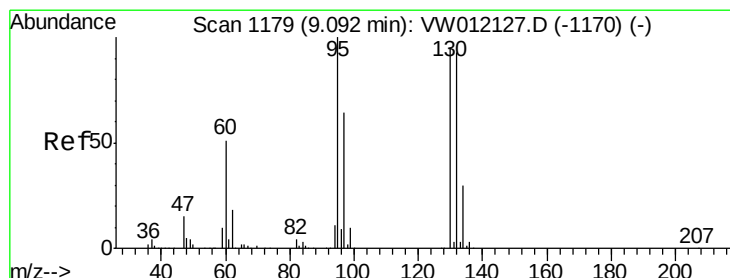
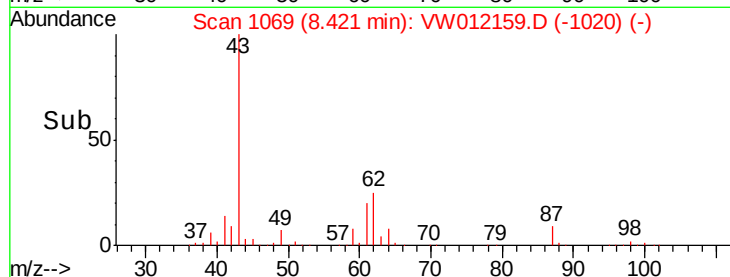
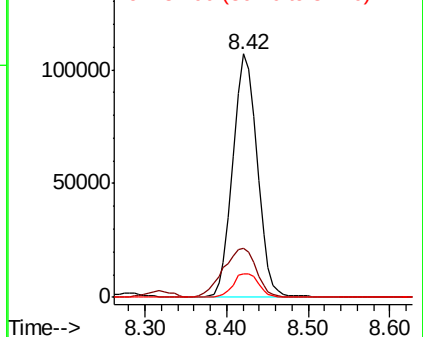
43 100

61 27.1 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: 54.916 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012159.D

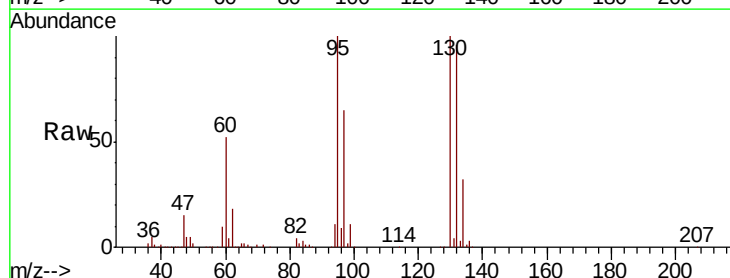
Acq: 26 Aug 2019 09:10

Tgt Ion: 130 Resp: 151362

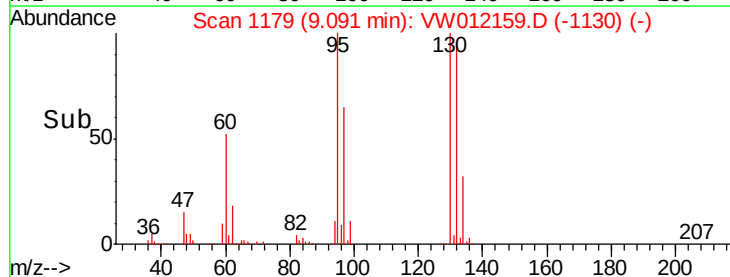
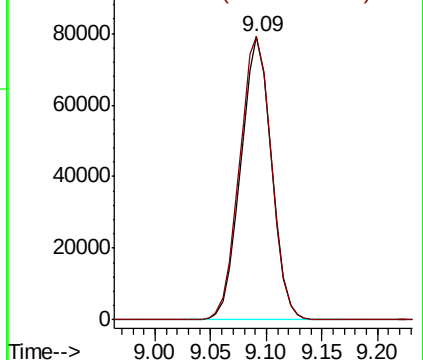
Ion Ratio Lower Upper

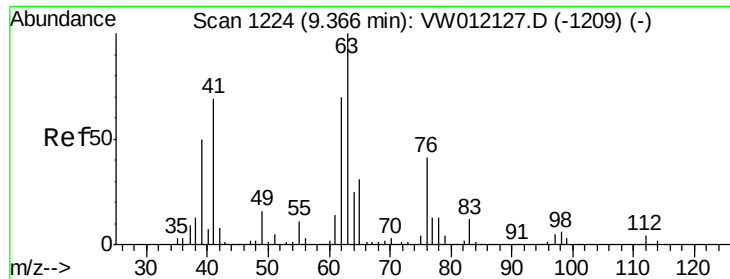
130 100

95 99.9 0.0 210.6



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

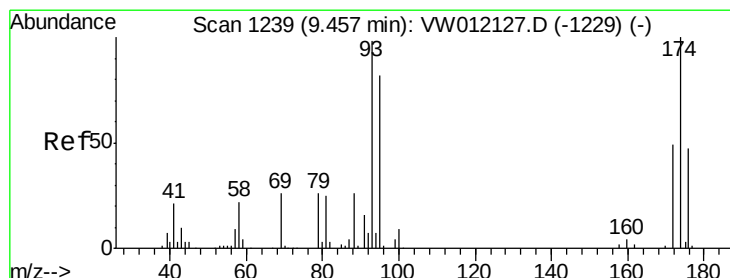
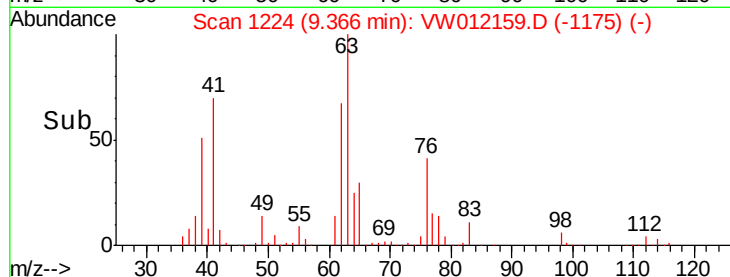
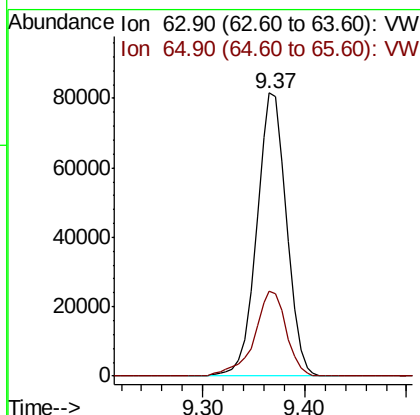
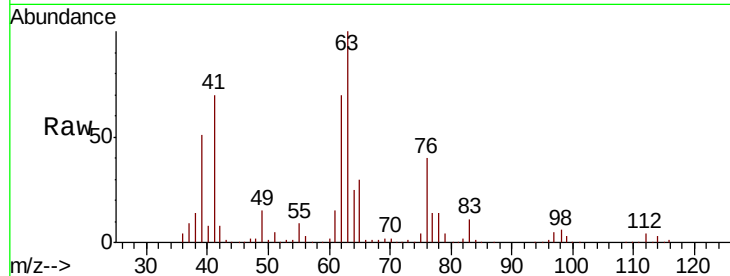




#45
 1,2-Dichloropropane
 Concen: 54.199 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

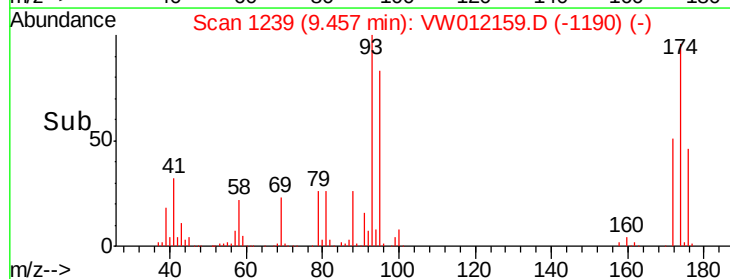
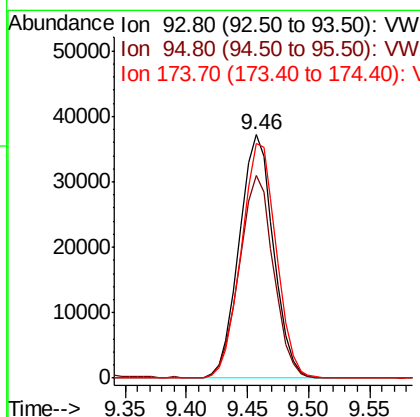
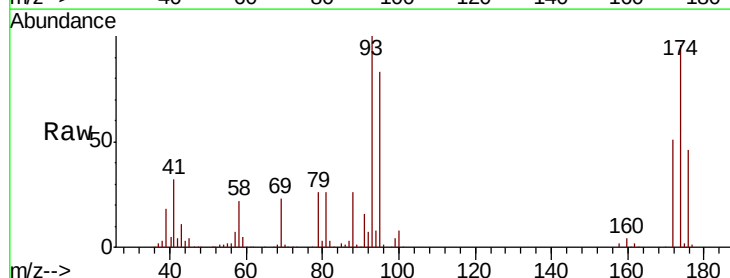
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

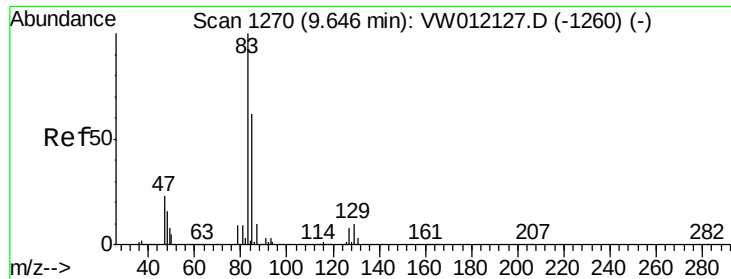
Tot Ion: 63 Resp: 165383
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 53.315 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 93 Resp: 72384
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 98.8 79.0 118.6

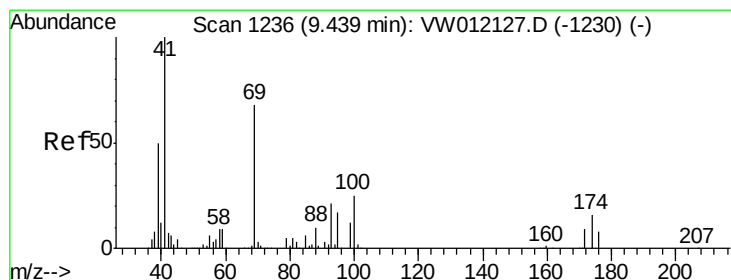
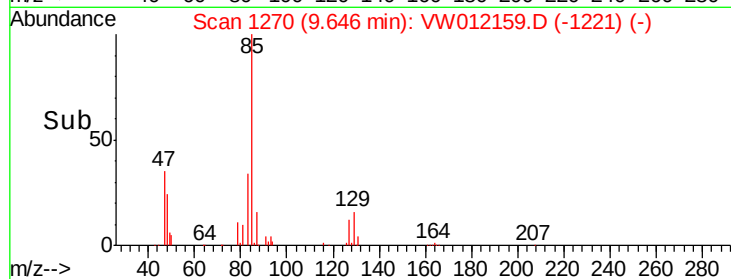
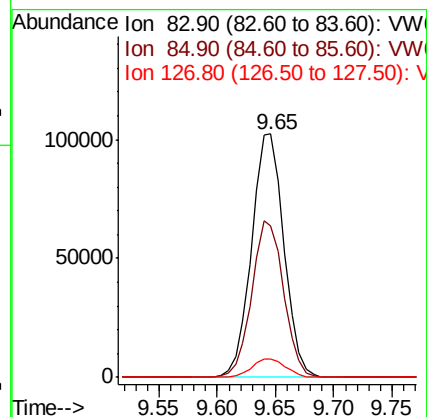
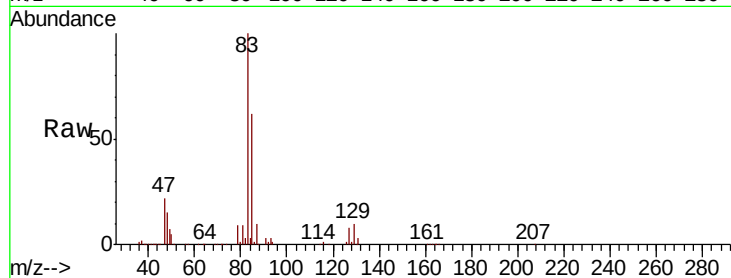




#47
 Bromodichloromethane
 Concen: 54.891 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

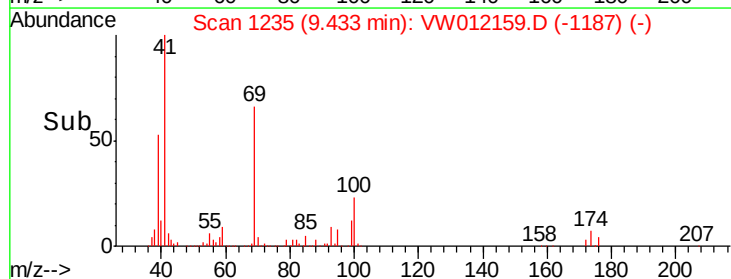
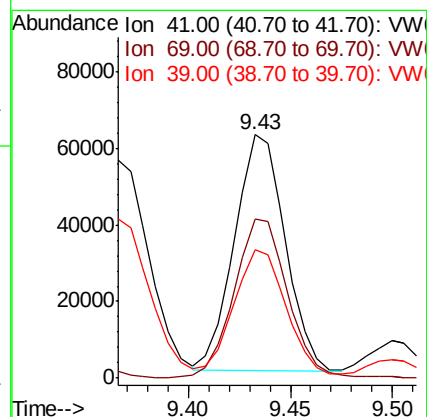
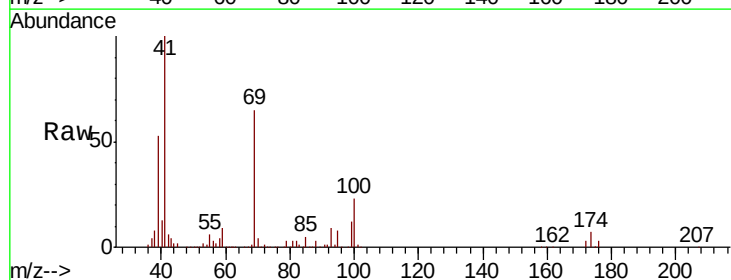
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

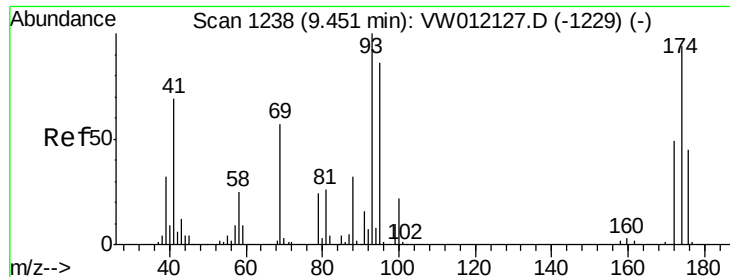
Tot Ion	83	Resp	198338
Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.4	74.2
127	7.6	6.1	9.1



#48
 Methyl methacrylate
 Concen: 53.051 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion	41	Resp	106419
Ion	Ratio	Lower	Upper
41	100		
69	71.6	56.7	85.1
39	53.7	42.0	63.0





#49

1,4-Dioxane

Concen: 1027.032 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

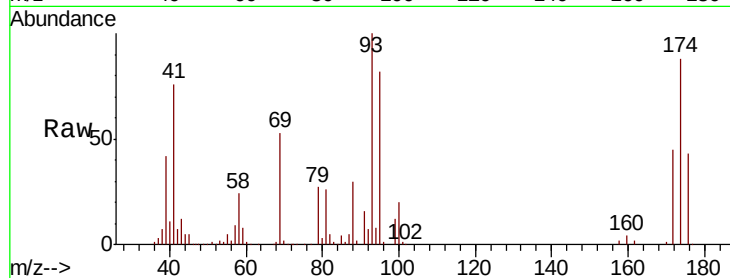
Tot Ion: 88 Resp: 21346

Ion Ratio Lower Upper

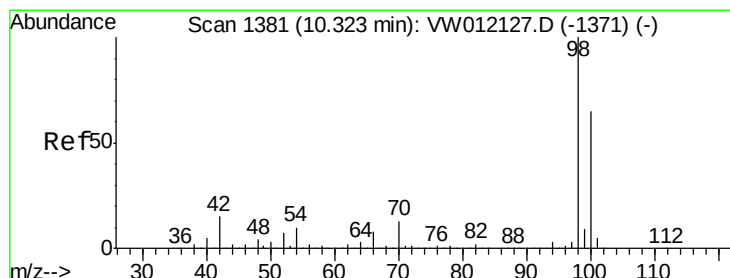
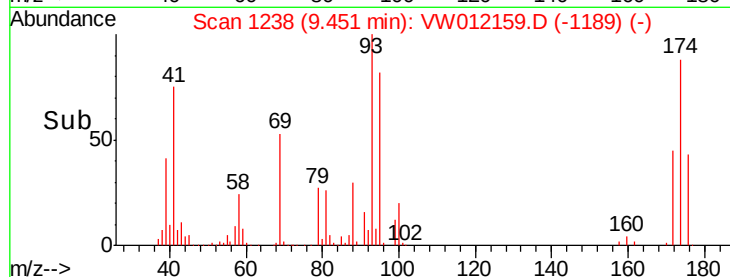
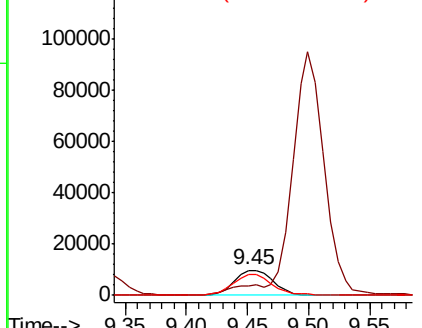
88 100

43 0.0 32.9 49.3#

58 86.8 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.597 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012159.D

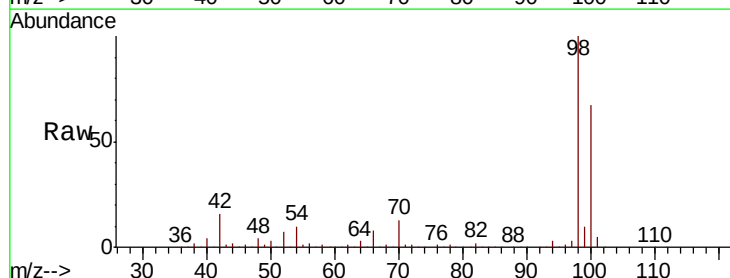
Acq: 26 Aug 2019 09:10

Tgt Ion: 98 Resp: 492046

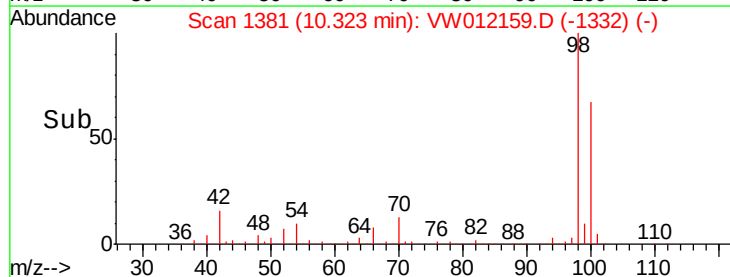
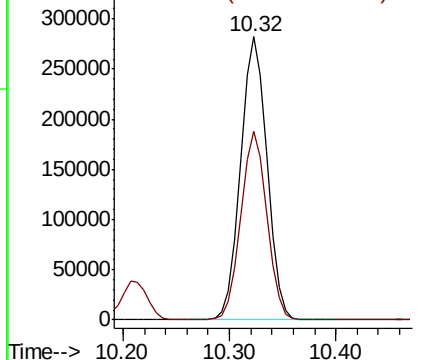
Ion Ratio Lower Upper

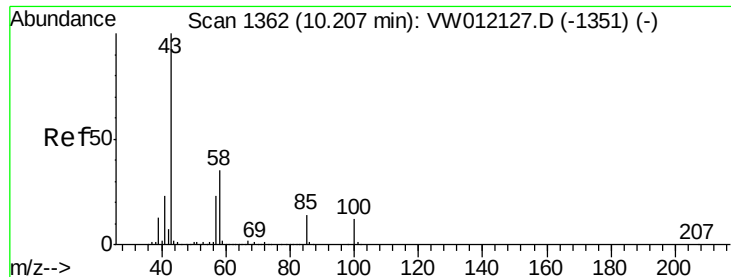
98 100

100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

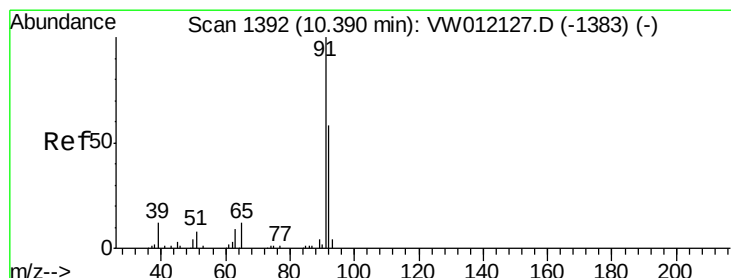
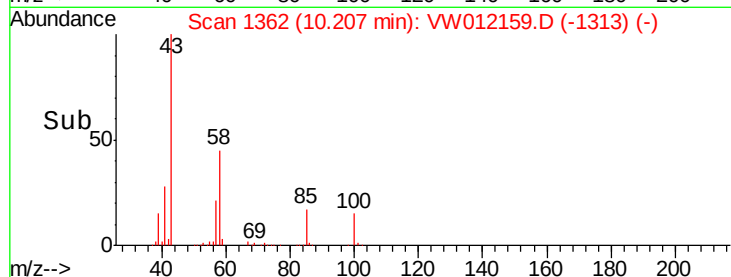
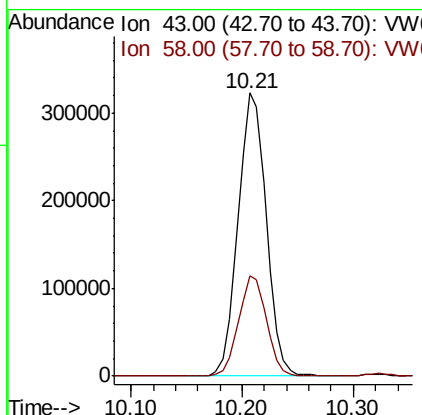
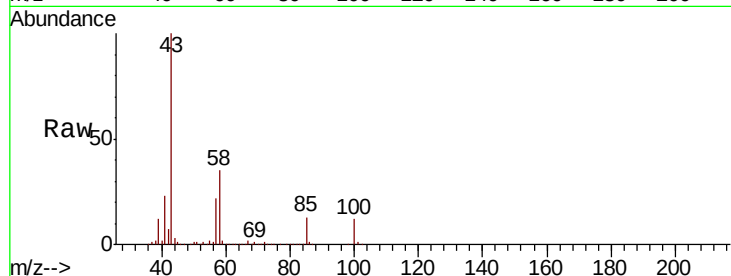




#51
4-Methyl-2-Pentanone
Concen: 263.392 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

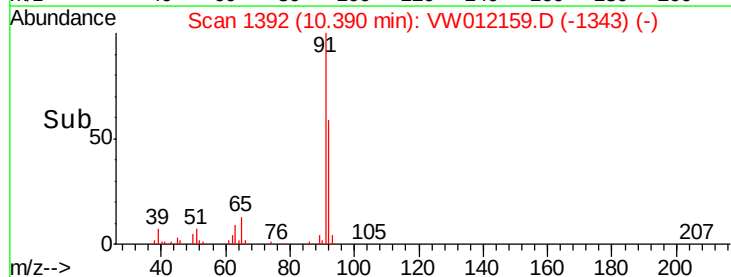
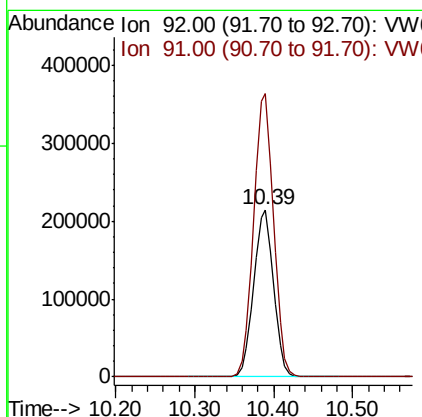
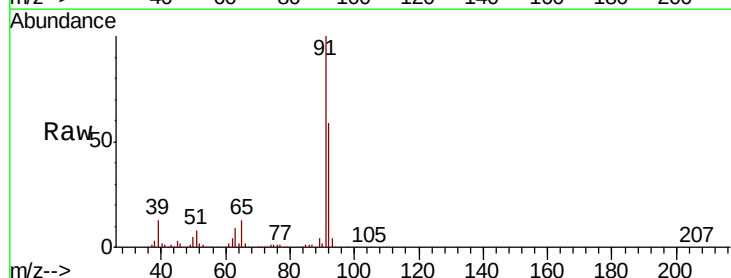
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

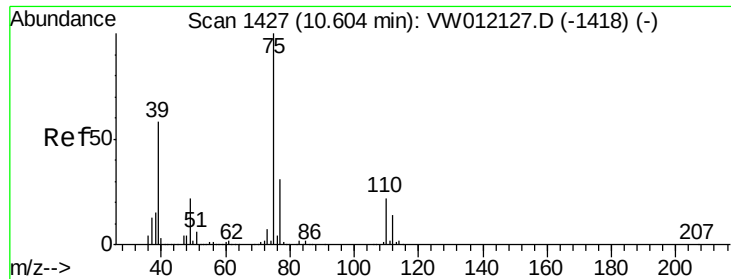
Tot Ion: 43 Resp: 564640
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.2



#52
Toluene
Concen: 54.951 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 92 Resp: 374281
Ion Ratio Lower Upper
92 100
91 171.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 55.658 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampled :

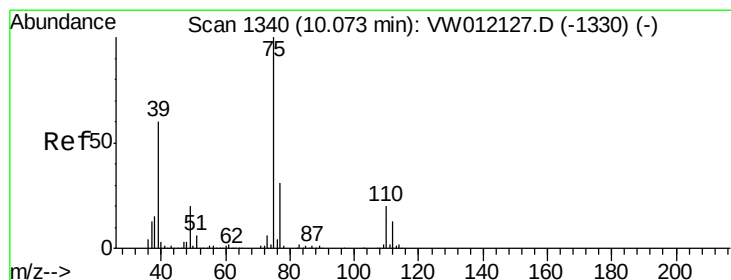
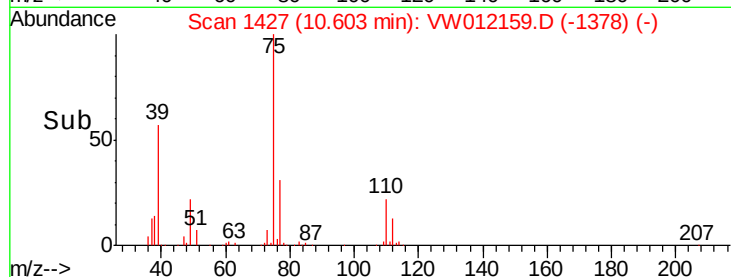
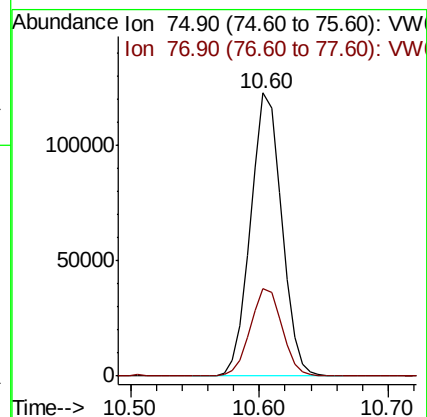
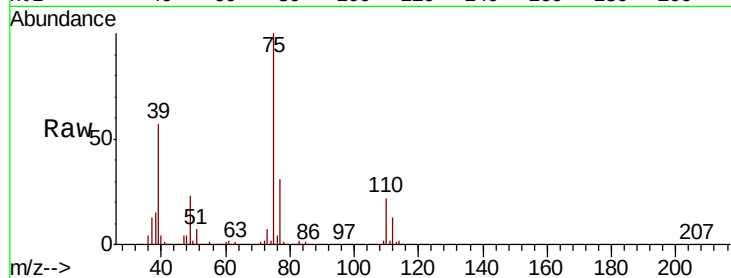
VSTDCCC050

Tot Ion: 75 Resp: 204853

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 55.522 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

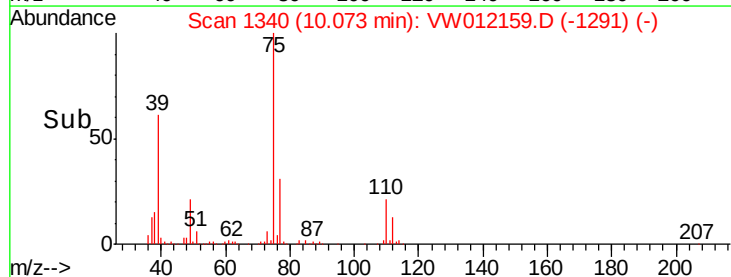
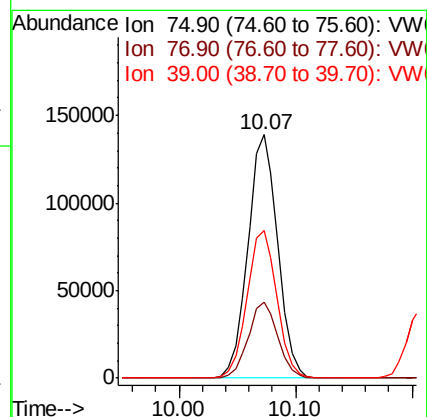
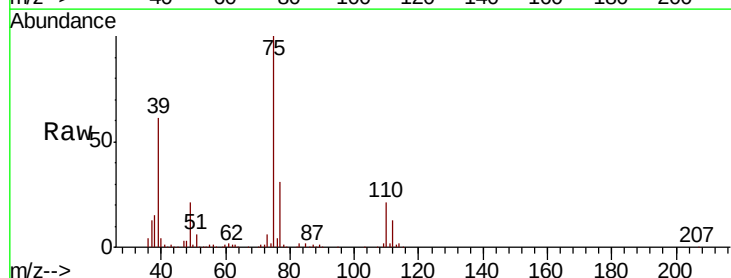
Tgt Ion: 75 Resp: 246745

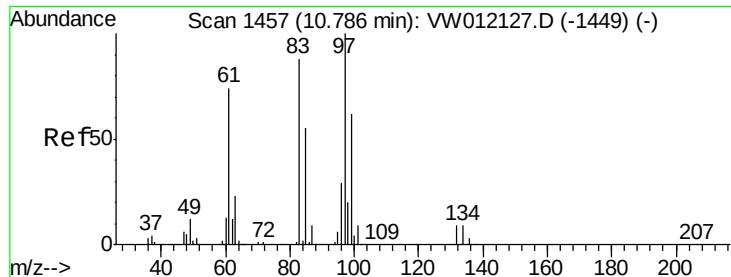
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 60.8 48.3 72.5

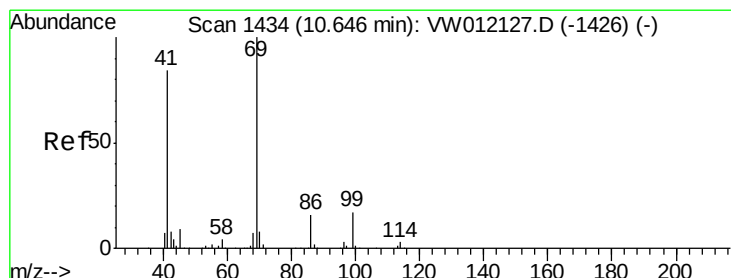
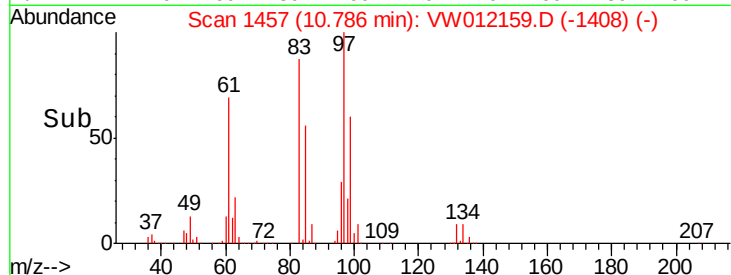
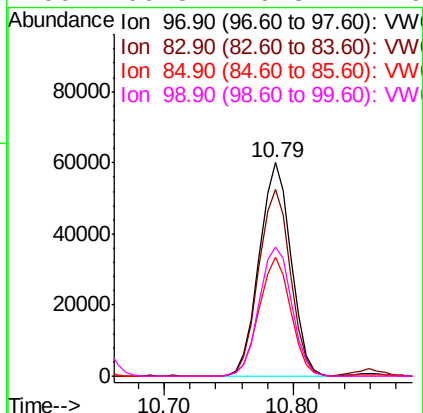
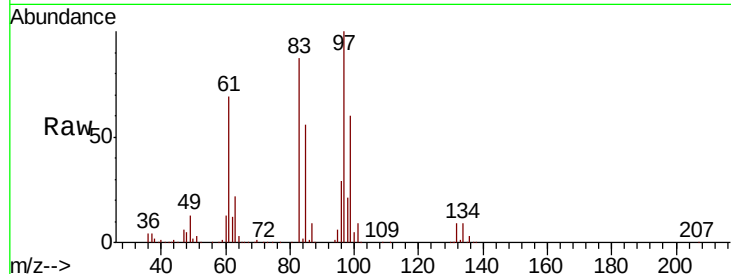




#55
 1,1,2-Trichloroethane
 Concen: 53.423 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

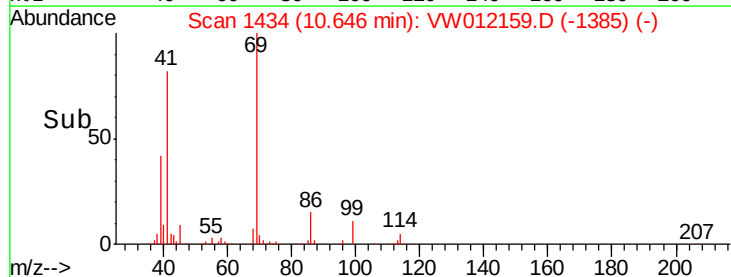
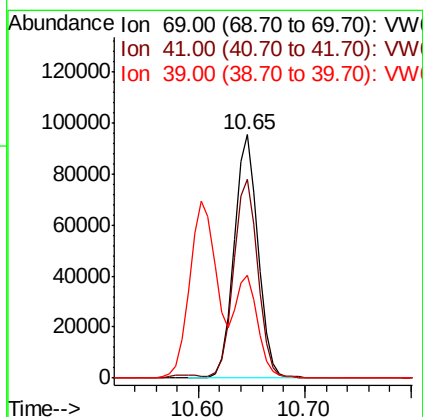
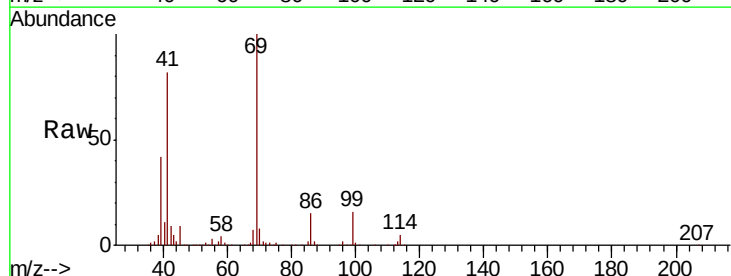
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

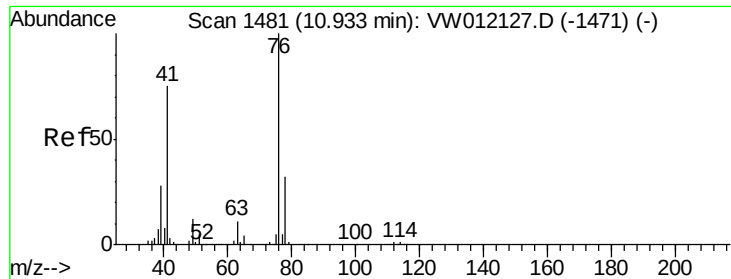
Tot Ion:	97	Resp:	102620
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.8	106.2
85	55.7	43.8	65.8
99	60.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 53.889 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion:	69	Resp:	150657
Ion	Ratio	Lower	Upper
69	100		
41	82.6	66.5	99.7
39	39.3	31.0	46.4

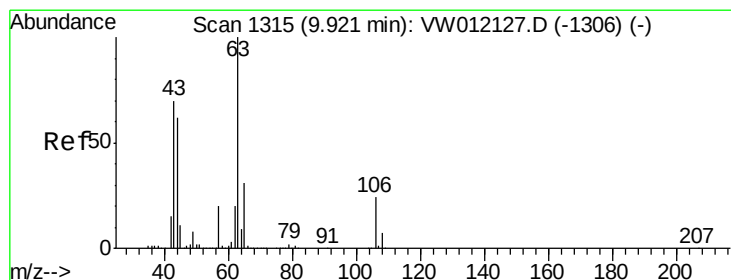
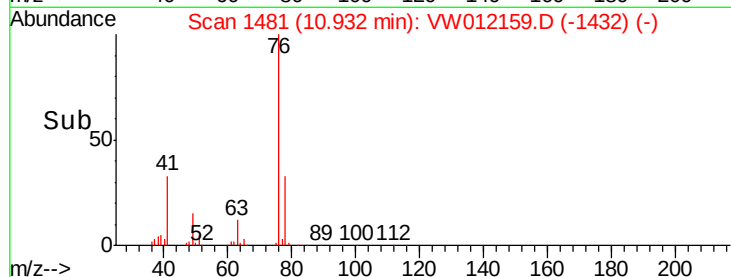
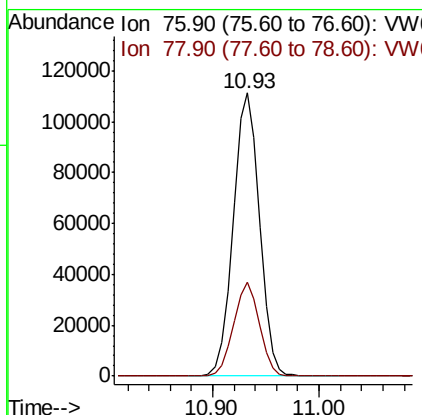
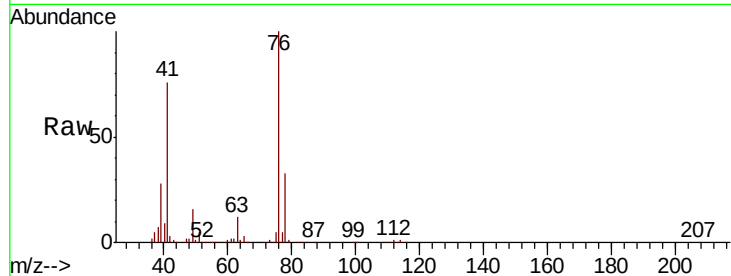




#57
 1,3-Dichloropropane
 Concen: 52.989 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

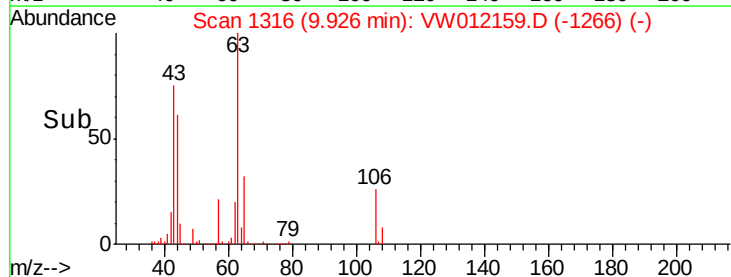
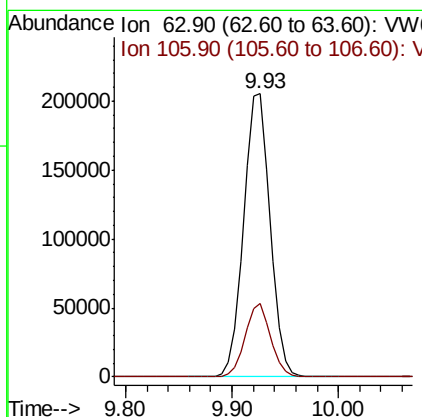
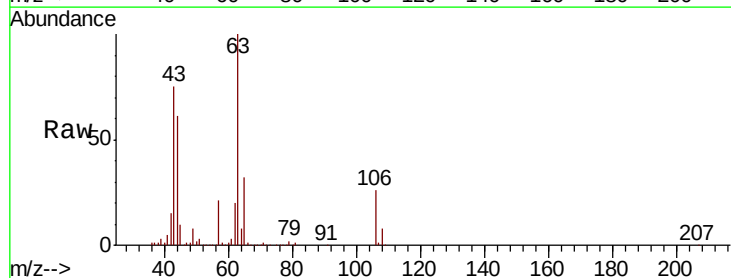
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

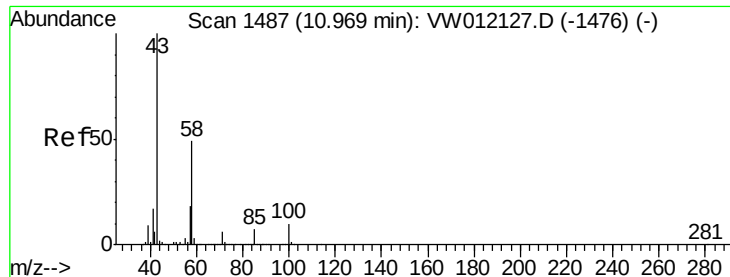
Tot Ion: 76 Resp: 192349
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.512 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 63 Resp: 359439
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8

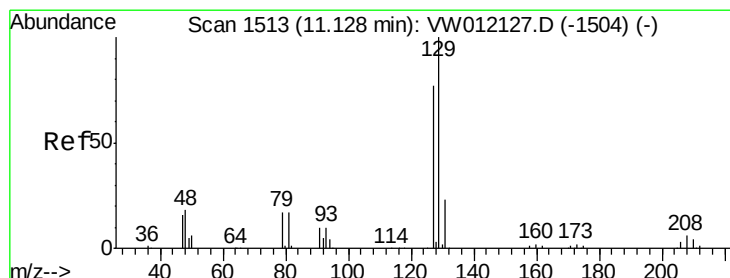
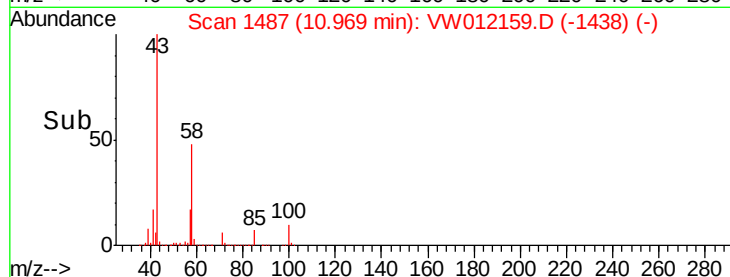
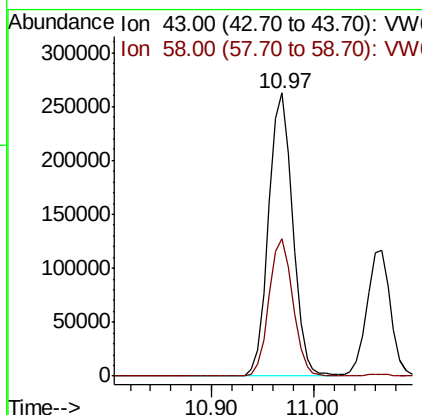
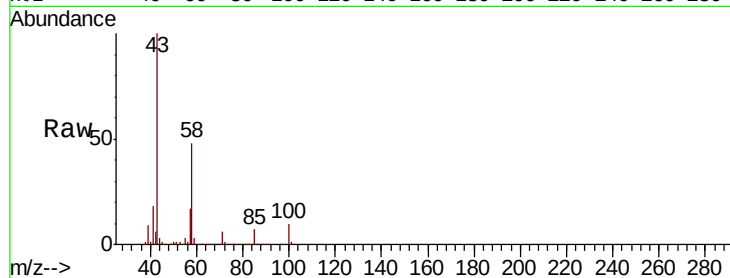




#59
2-Hexanone
Concen: 282.761 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

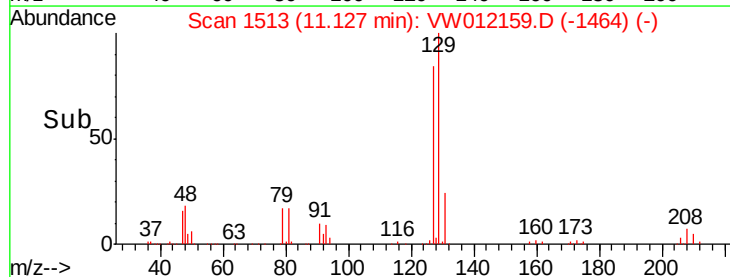
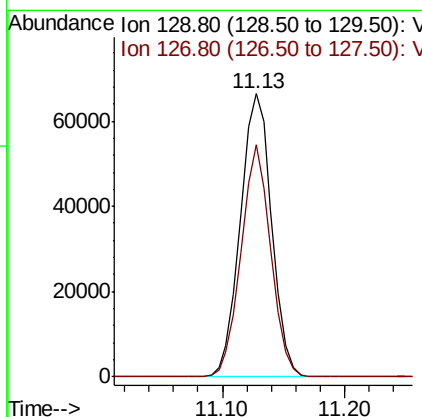
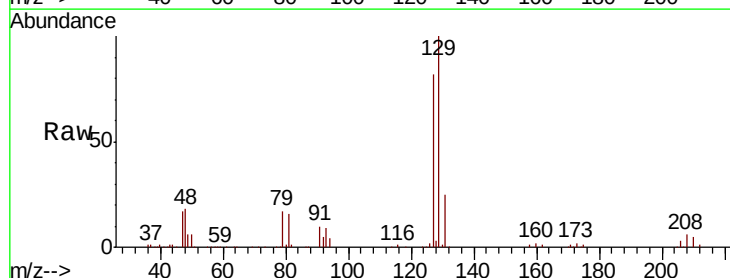
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

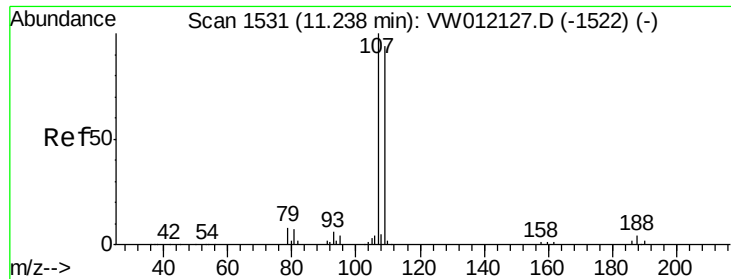
Tot Ion: 43 Resp: 428898
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 54.957 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 129 Resp: 117583
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

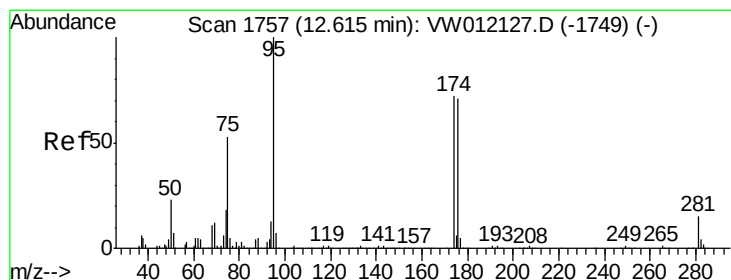
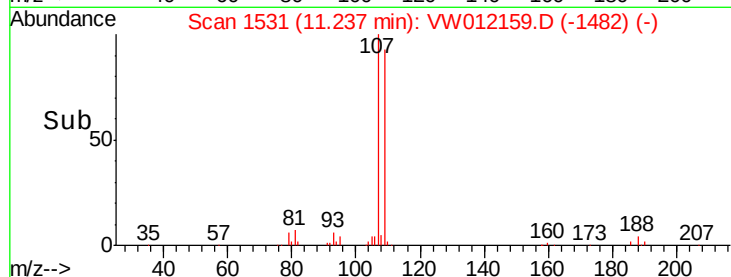
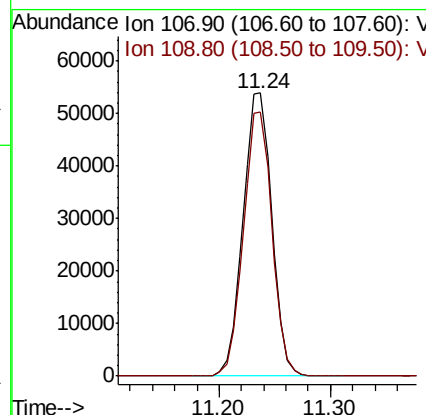
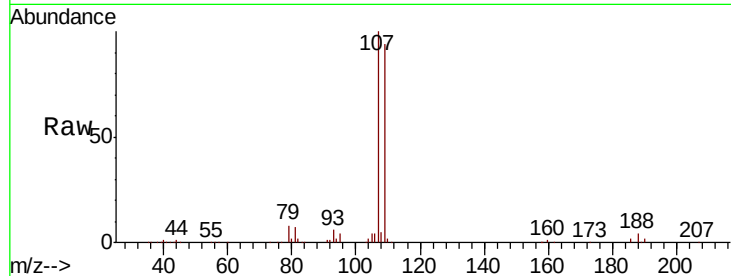




#61
 1,2-Dibromoethane
 Concen: 53.975 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

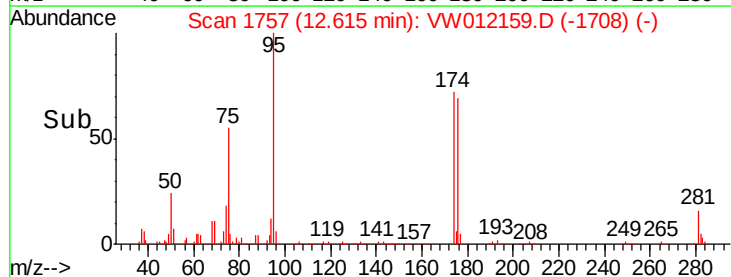
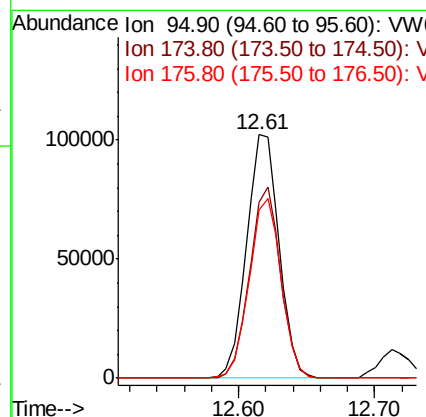
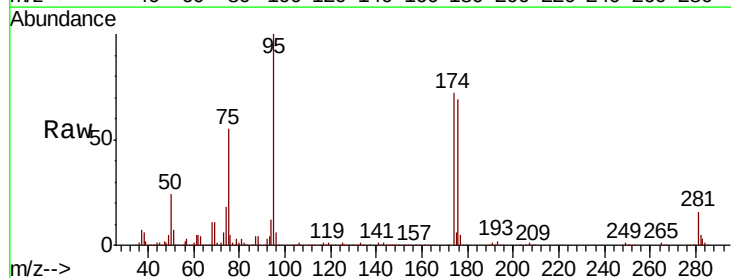
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

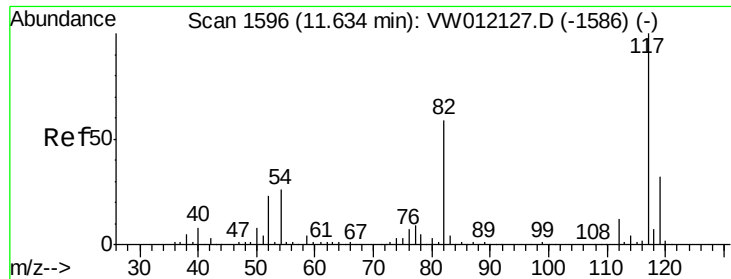
Tot Ion:107 Resp: 96591
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.850 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 95 Resp: 170886
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.8
 176 72.6 0.0 148.6

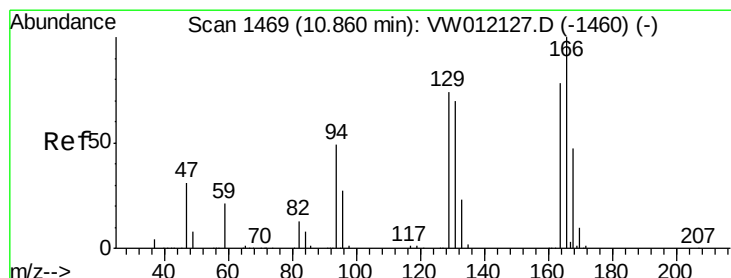
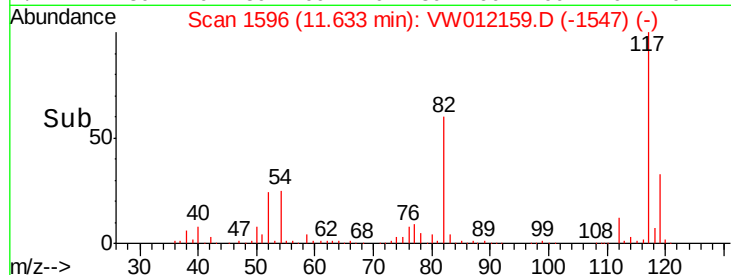
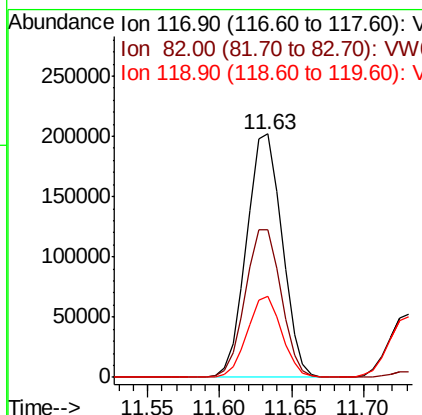
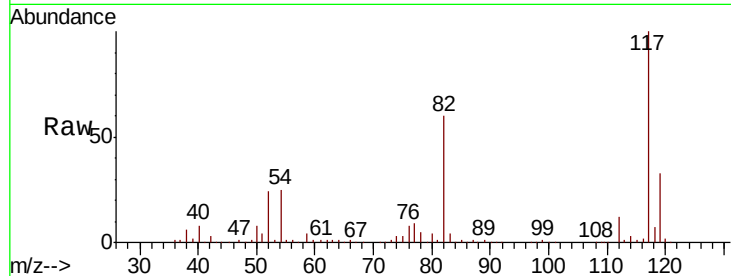




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

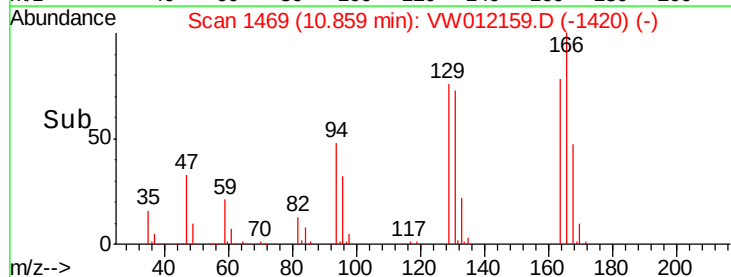
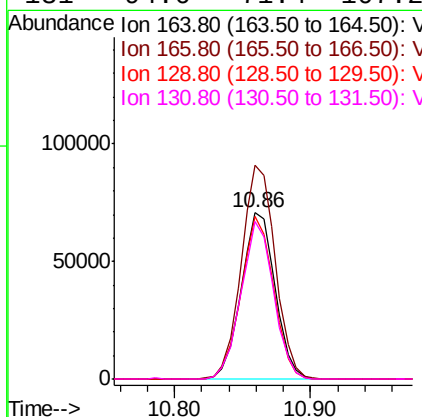
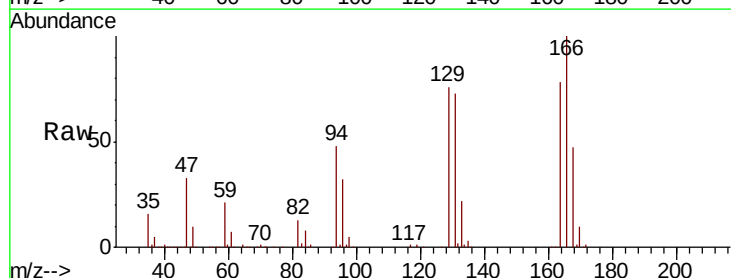
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

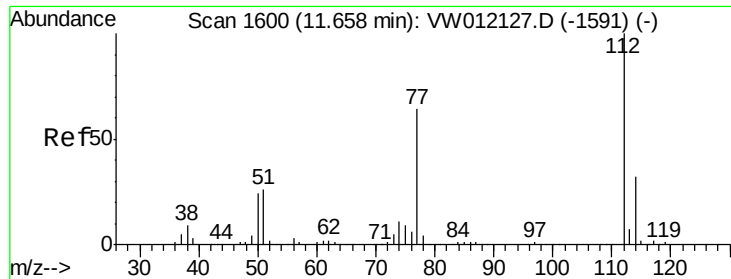
Tot Ion:117 Resp: 345189
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 33.2 25.4 38.2



#64
Tetrachloroethene
Concen: 54.725 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion:164 Resp: 122472
Ion Ratio Lower Upper
164 100
166 128.8 102.4 153.6
129 97.7 75.8 113.6
131 94.6 71.4 107.2

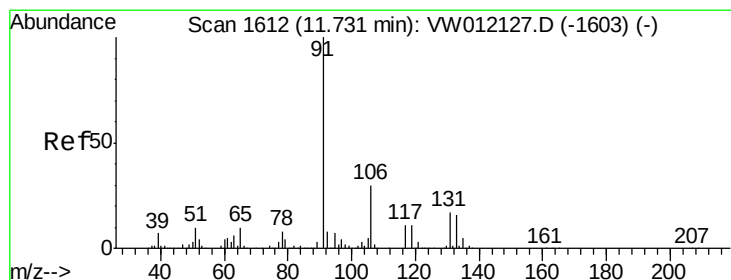
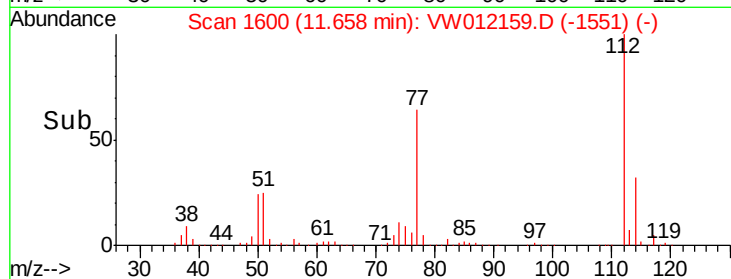
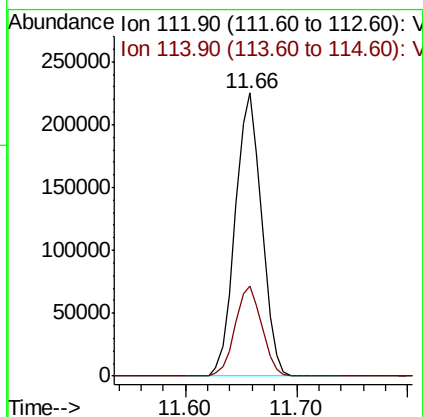
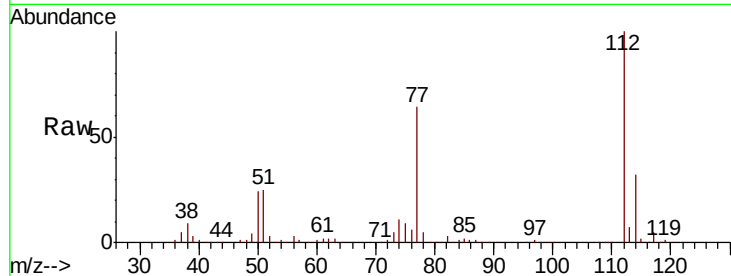




#65
Chlorobenzene
Concen: 54.378 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

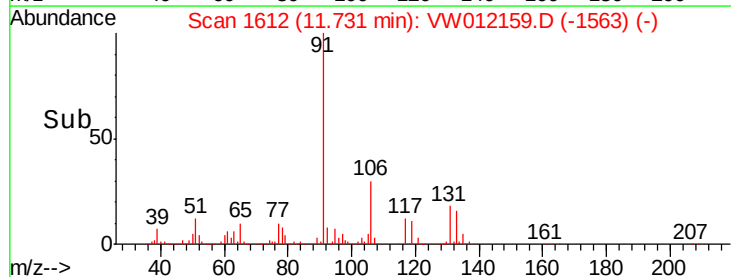
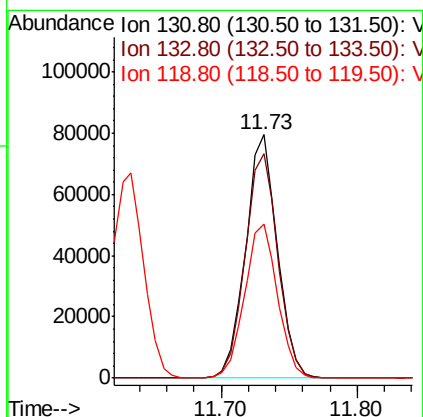
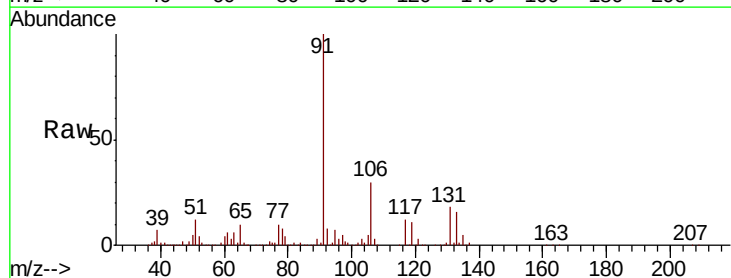
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

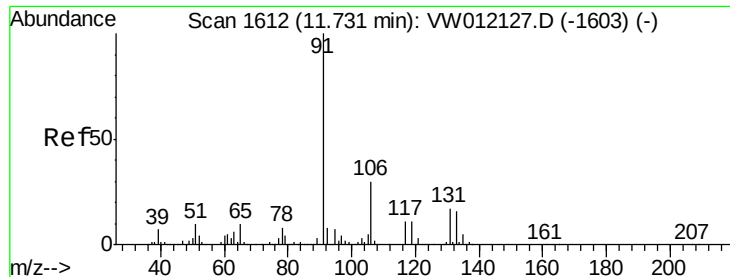
Tot Ion:112 Resp: 369610
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.764 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion:131 Resp: 129857
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 65.6 31.8 95.3

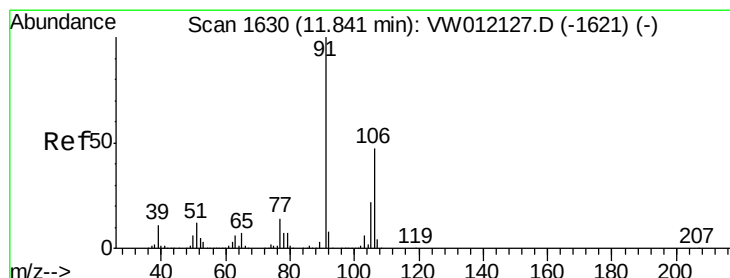
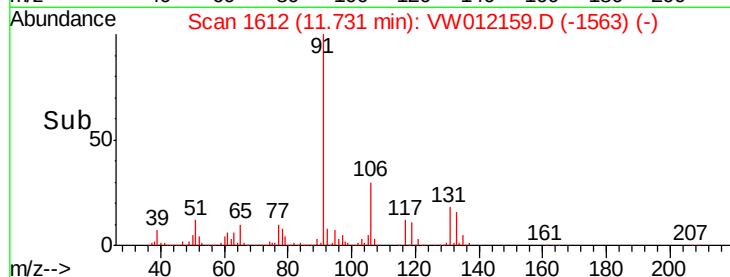
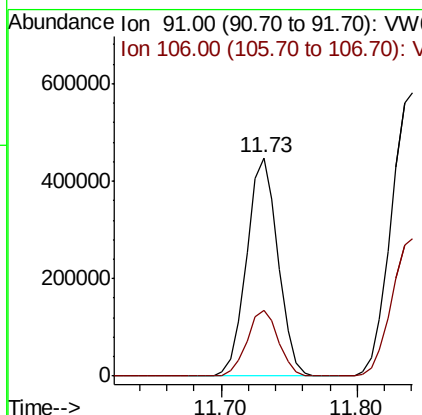
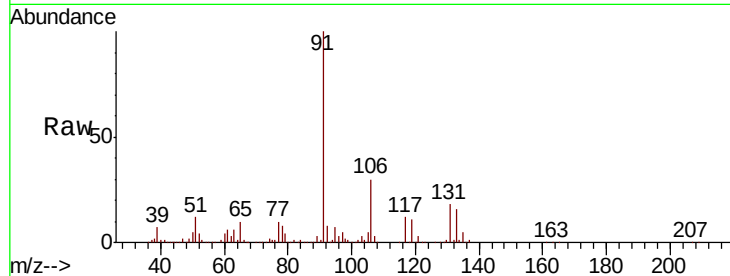




#67
Ethyl Benzene
Concen: 55.215 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

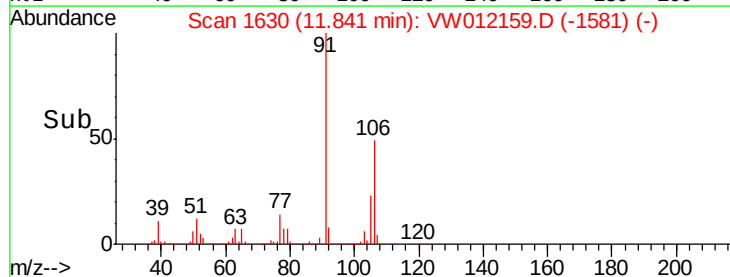
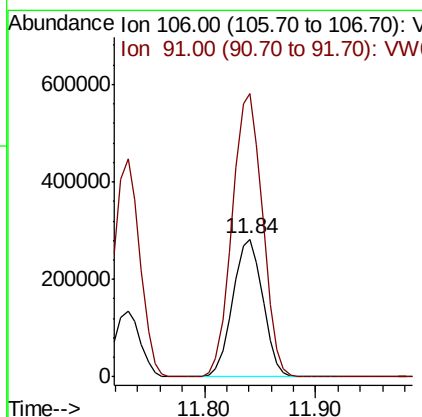
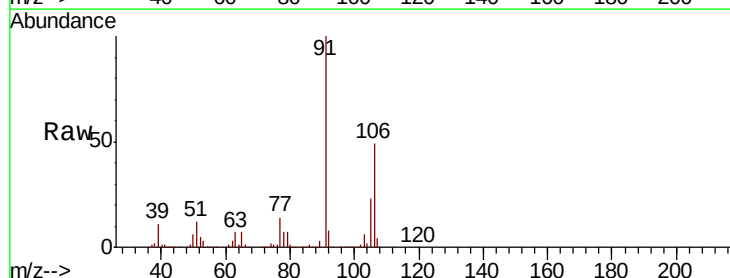
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

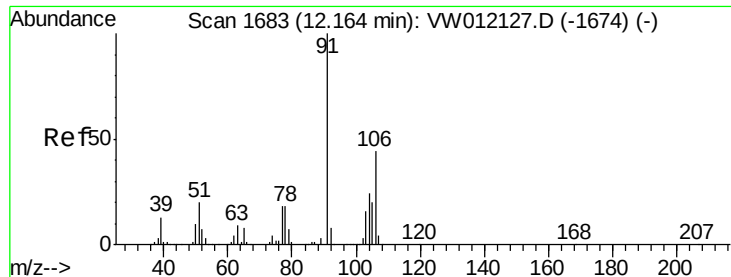
Tot Ion: 91 Resp: 722958
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 111.899 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 106 Resp: 527759
Ion Ratio Lower Upper
106 100
91 208.3 169.5 254.3

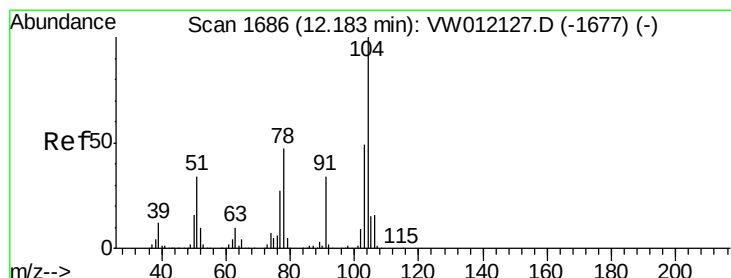
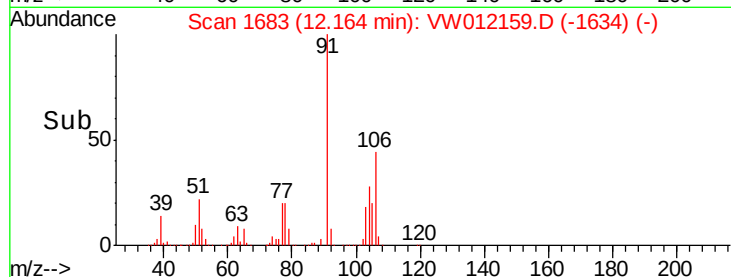
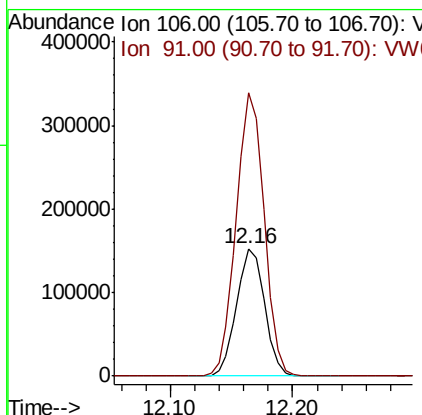
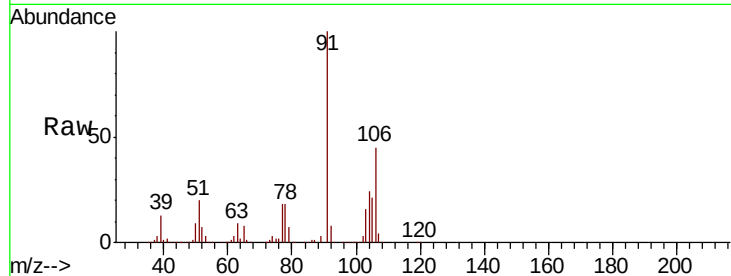




#69
o-Xylene
Concen: 55.380 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

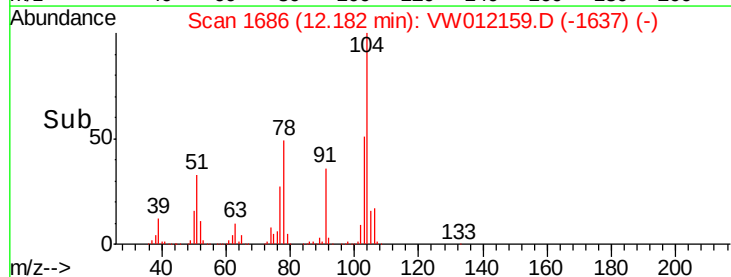
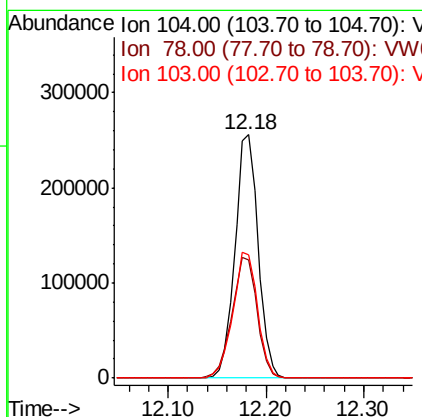
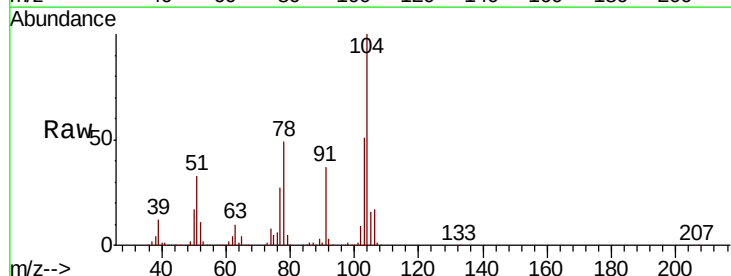
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

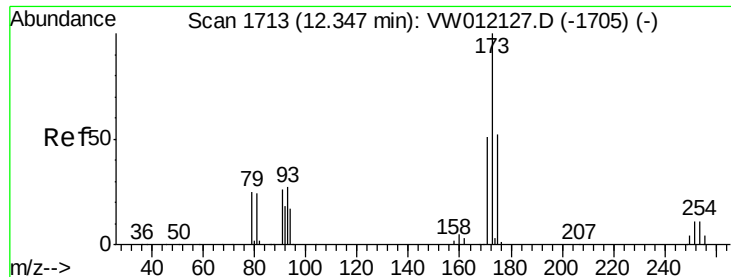
Tot Ion:106 Resp: 241745
Ion Ratio Lower Upper
106 100
91 222.3 111.6 334.6



#70
Styrene
Concen: 55.604 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion:104 Resp: 420127
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.2 43.5 65.3





#71

Bromoform

Concen: 54.990 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

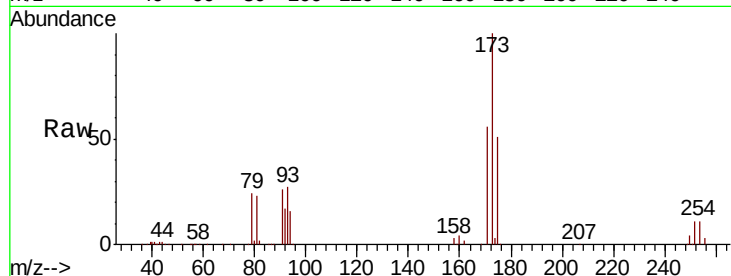
Tot Ion:173 Resp: 64966

Ion Ratio Lower Upper

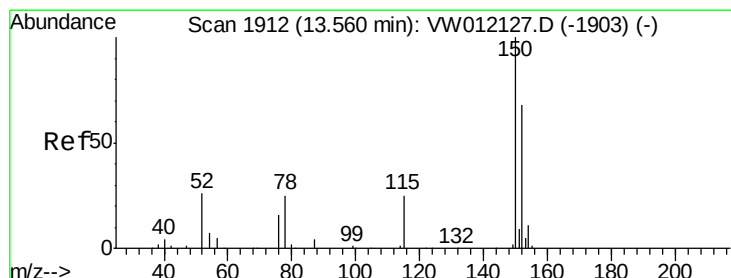
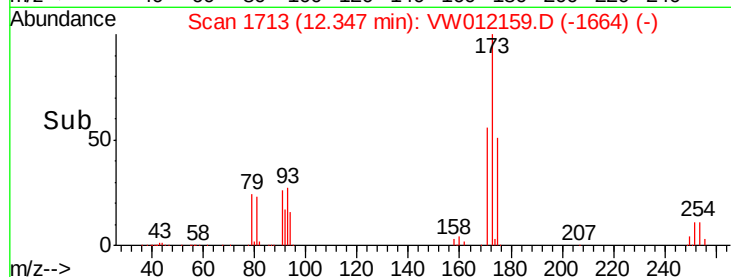
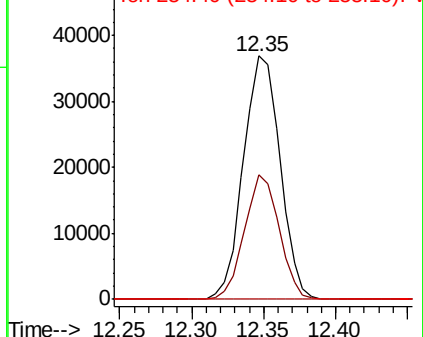
173 100

175 48.3 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: VW012159.D

Acq: 26 Aug 2019 09:10

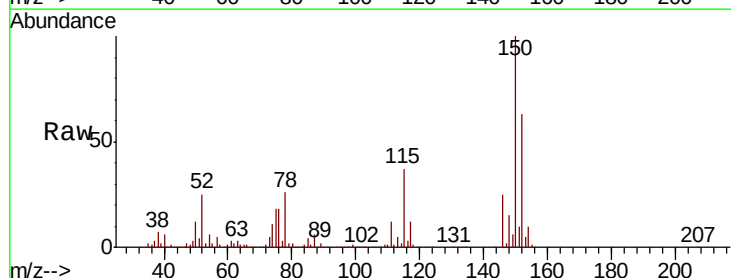
Tgt Ion:152 Resp: 165197

Ion Ratio Lower Upper

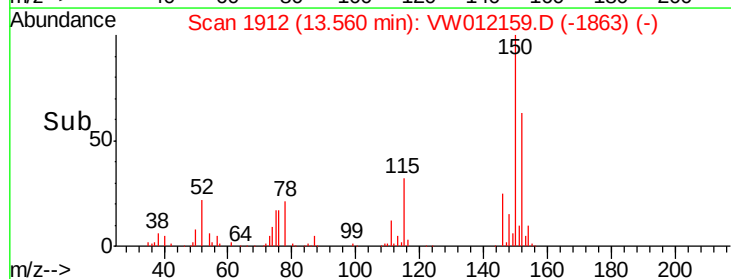
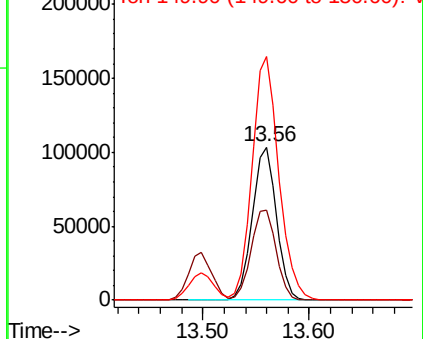
152 100

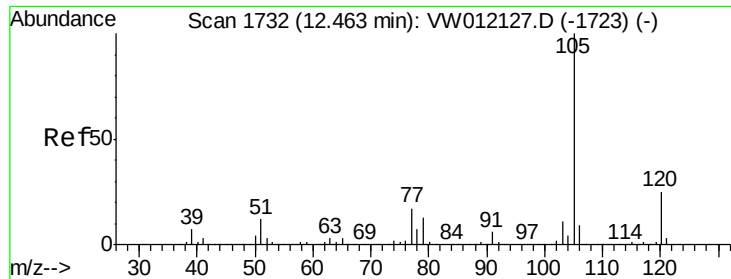
115 61.0 30.1 90.3

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: 55.184 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

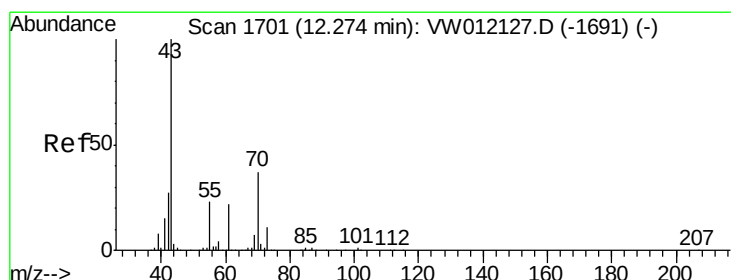
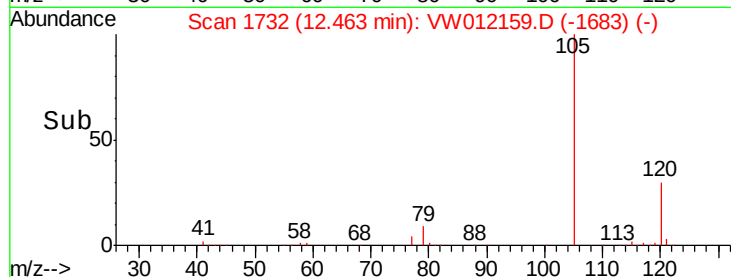
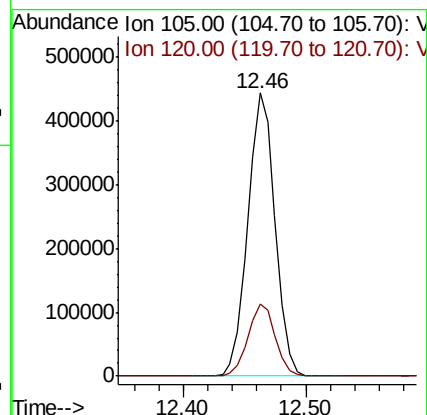
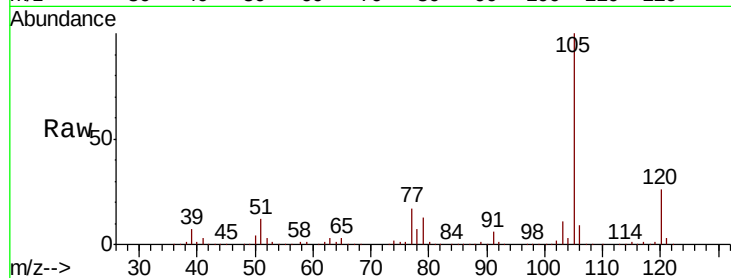
VSTDCCC050

Tot Ion:105 Resp: 683097

Ion Ratio Lower Upper

105 100

120 25.5 12.5 37.5



#74

N-ethyl acetate

Concen: 53.361 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Tgt Ion: 43 Resp: 199565

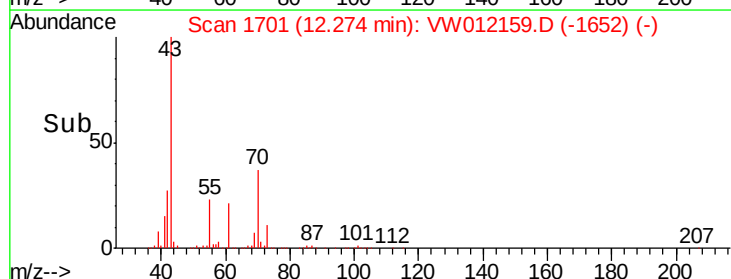
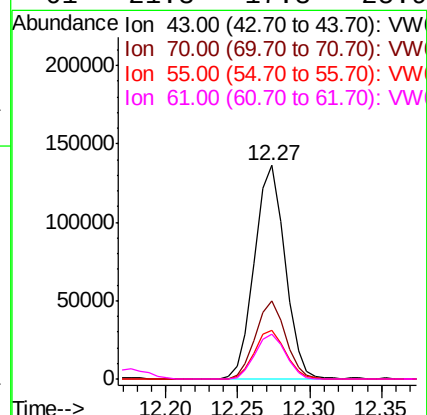
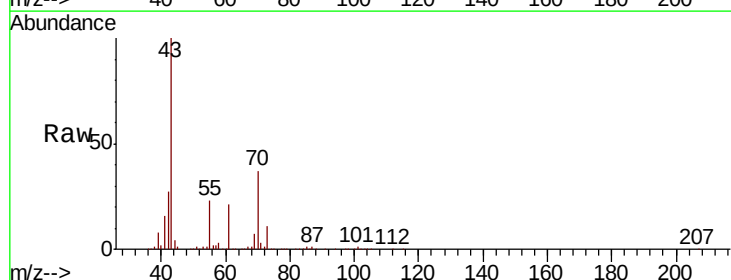
Ion Ratio Lower Upper

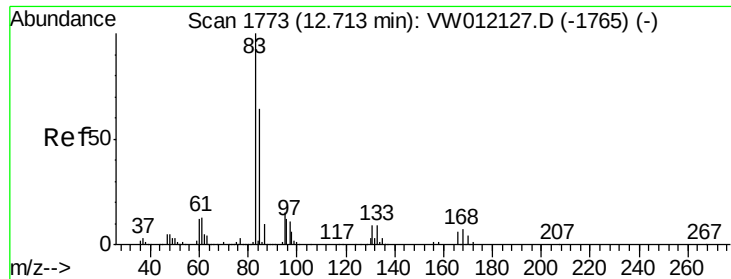
43 100

70 36.1 28.6 43.0

55 23.7 17.8 26.6

61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.705 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

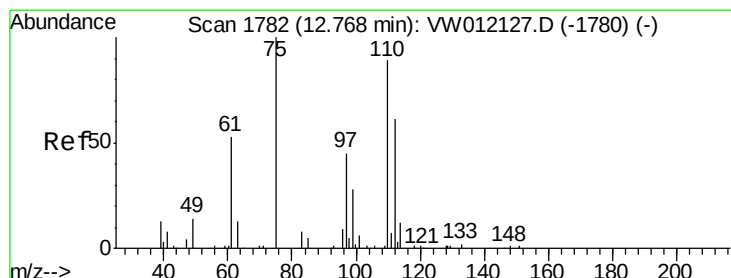
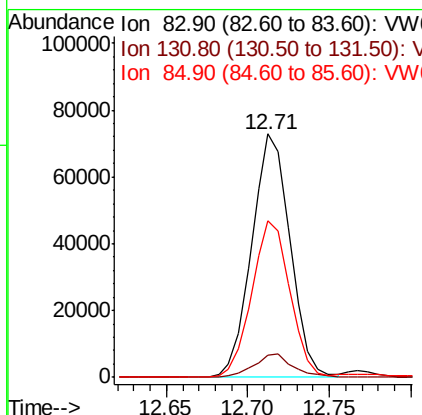
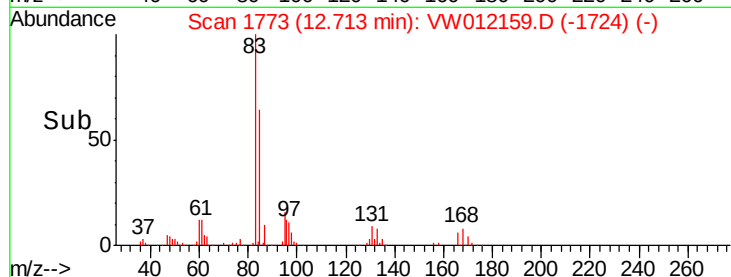
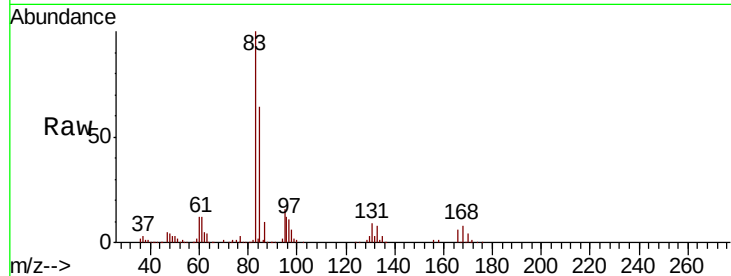
Tot Ion: 83 Resp: 119606

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 101.498 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012159.D

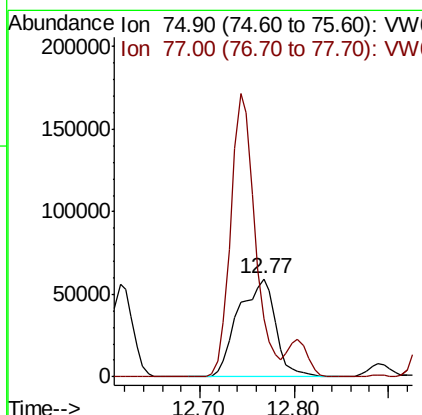
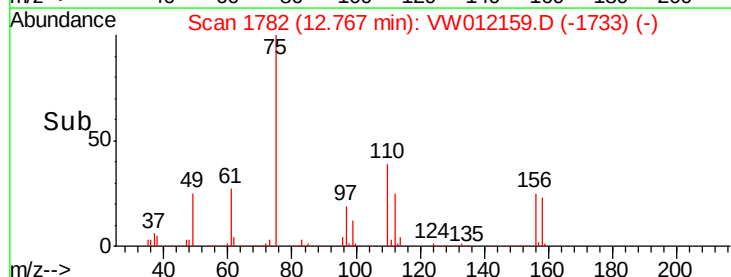
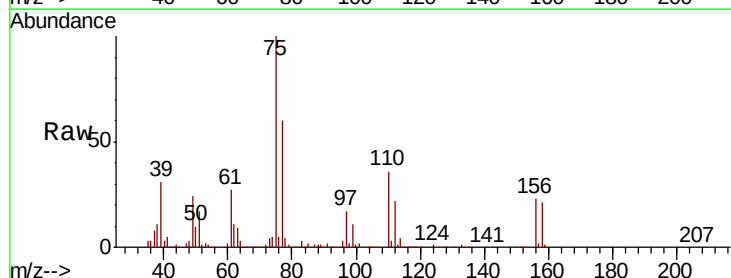
Acq: 26 Aug 2019 09:10

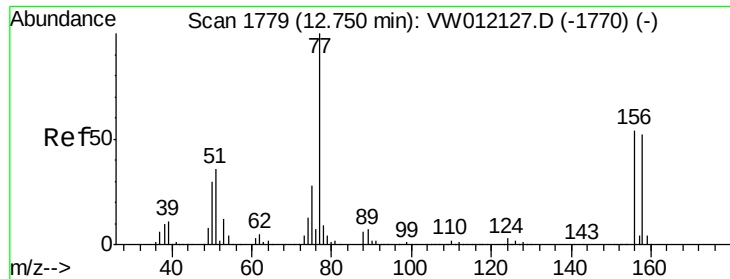
Tgt Ion: 75 Resp: 163300

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

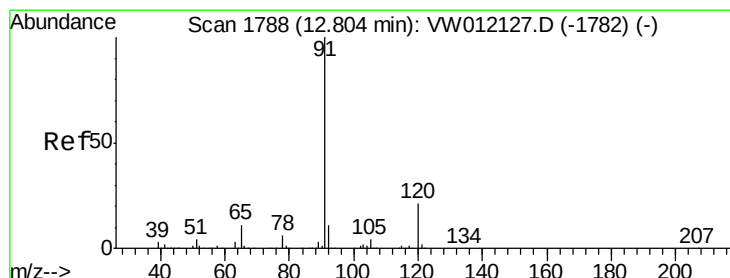
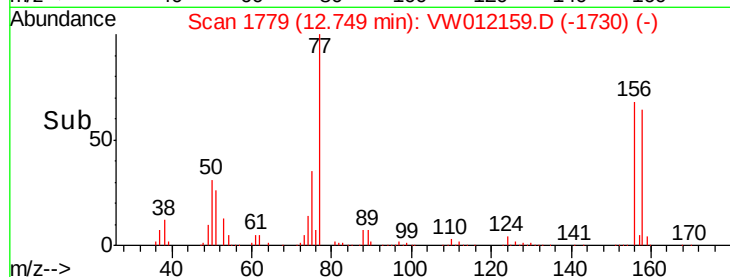
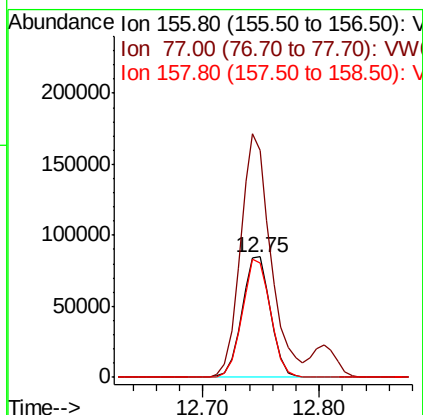
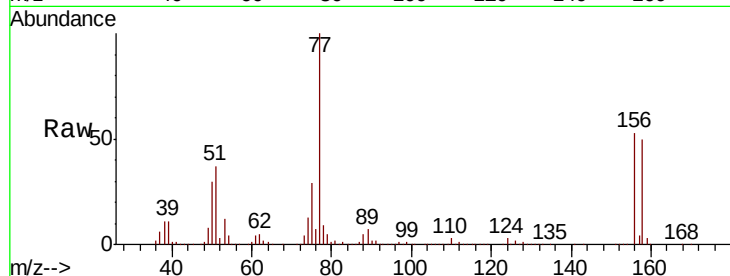




#77
Bromobenzene
Concen: 53.761 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

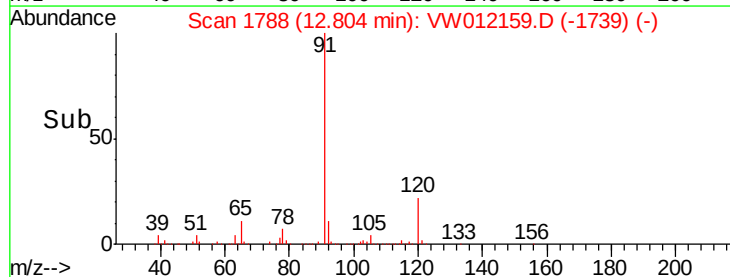
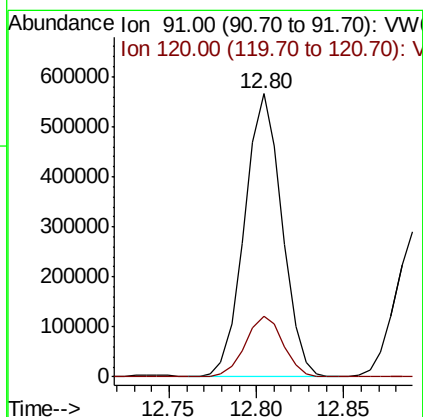
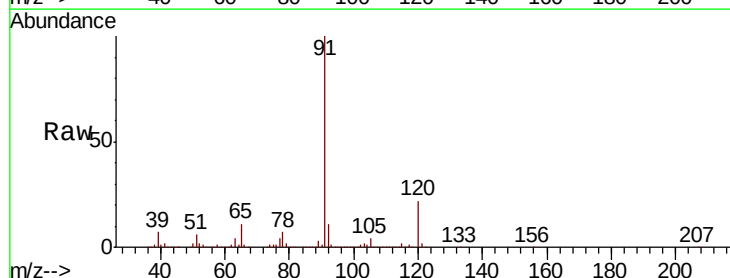
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

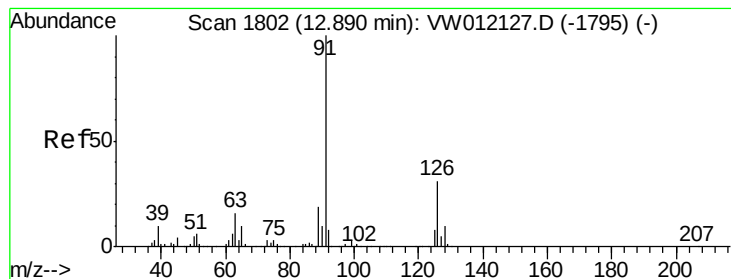
Tot Ion:156 Resp: 143970
Ion Ratio Lower Upper
156 100
77 215.4 107.3 321.8
158 96.8 49.0 147.0



#78
n-propylbenzene
Concen: 55.732 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion: 91 Resp: 842196
Ion Ratio Lower Upper
91 100
120 21.7 10.5 31.6





#79

2-Chlorotoluene

Concen: 54.379 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

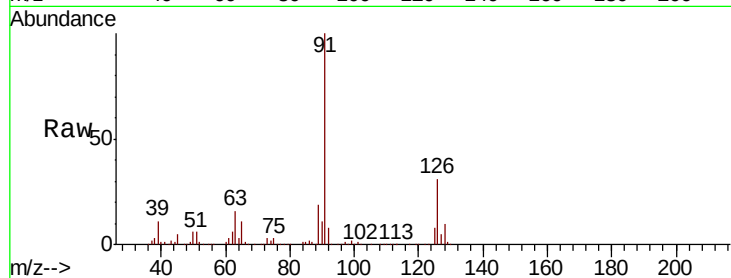
VSTDCCC050

Tot Ion: 91 Resp: 466542

Ion Ratio Lower Upper

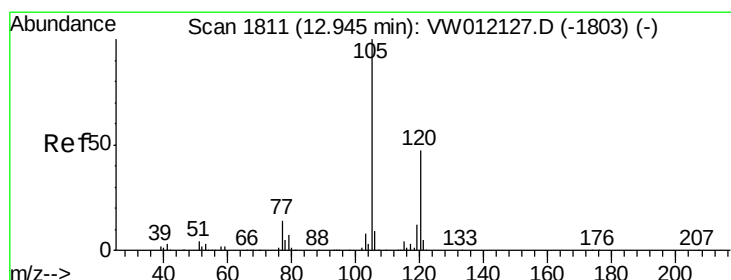
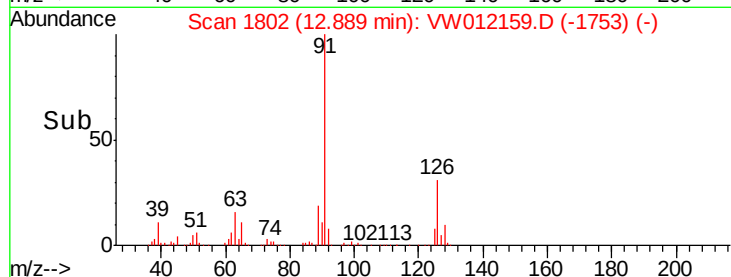
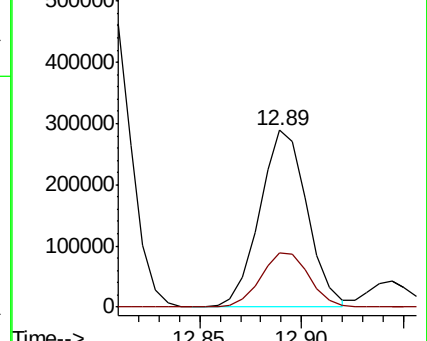
91 100

126 31.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.894 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012159.D

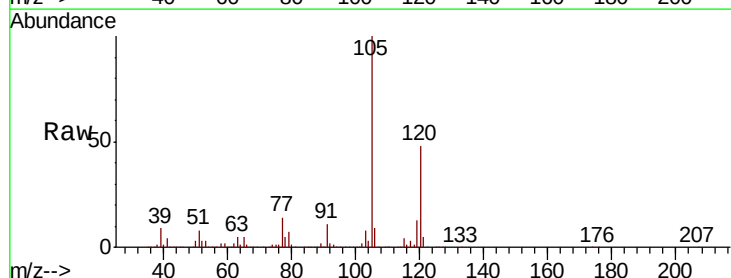
Acq: 26 Aug 2019 09:10

Tgt Ion: 105 Resp: 578135

Ion Ratio Lower Upper

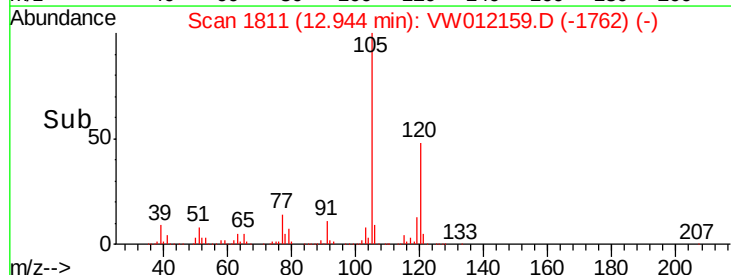
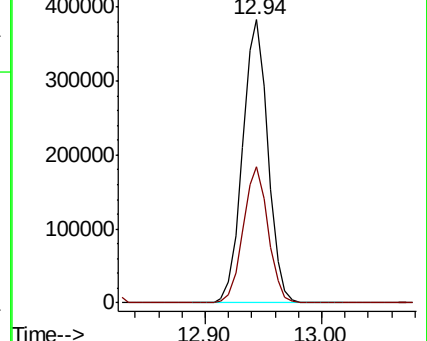
105 100

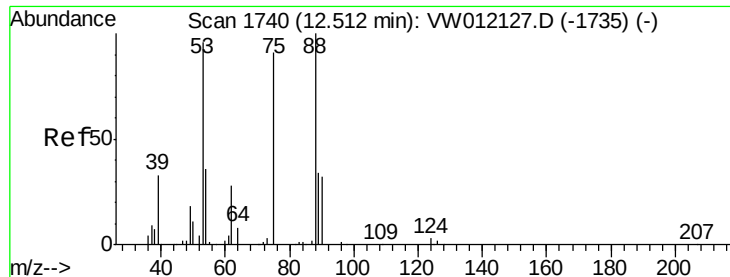
120 47.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 58.158 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

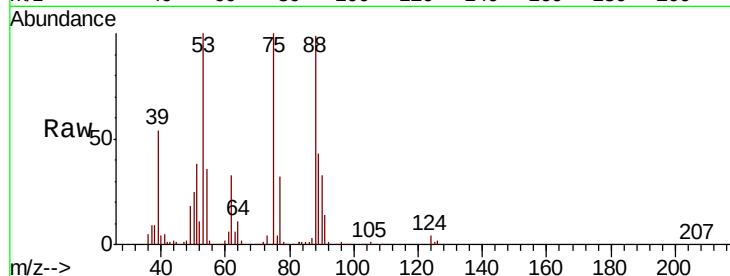
Tot Ion: 75 Resp: 42677

Ion Ratio Lower Upper

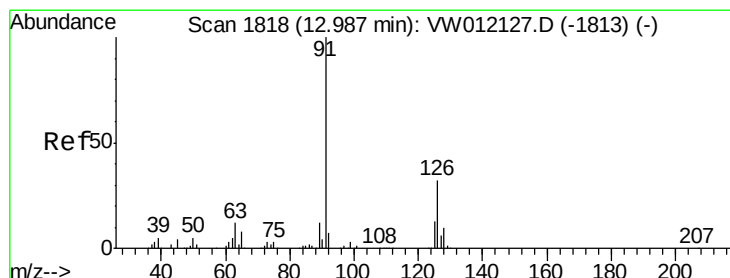
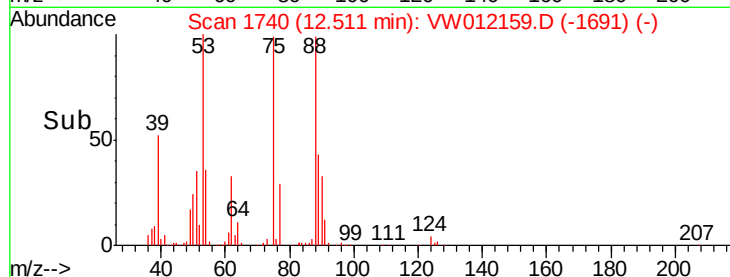
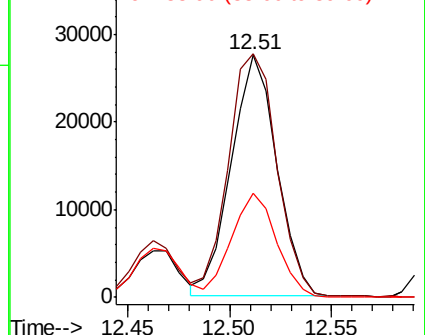
75 100

53 108.5 89.4 134.0

89 42.5 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 55.015 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012159.D

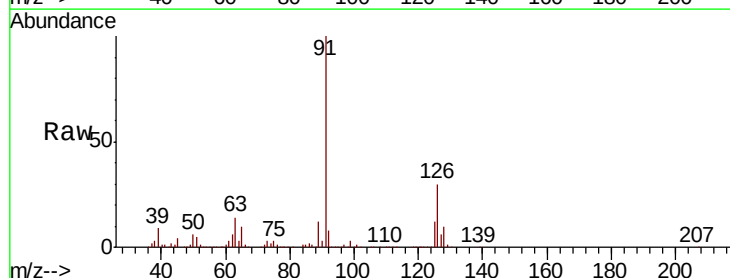
Acq: 26 Aug 2019 09:10

Tgt Ion: 91 Resp: 494216

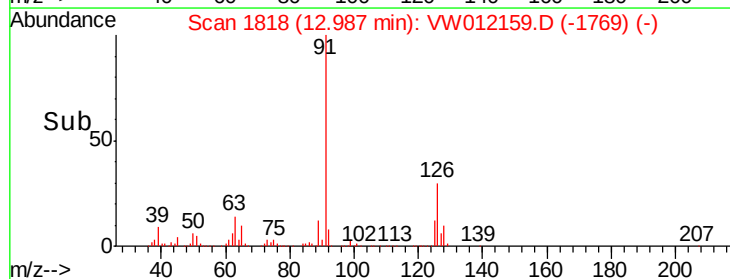
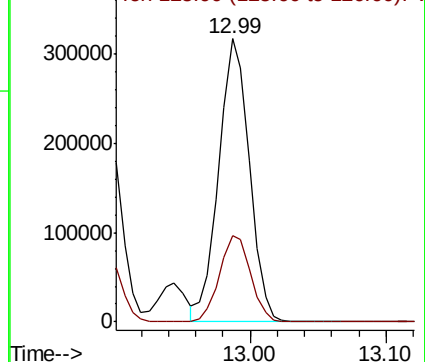
Ion Ratio Lower Upper

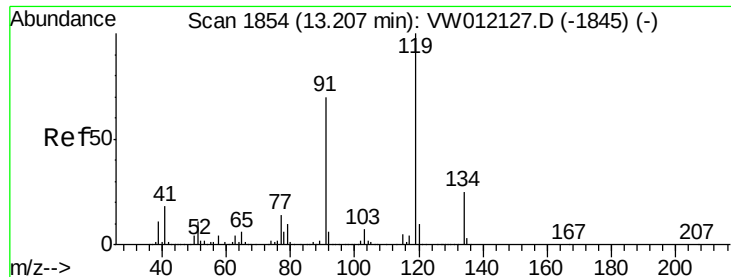
91 100

126 31.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

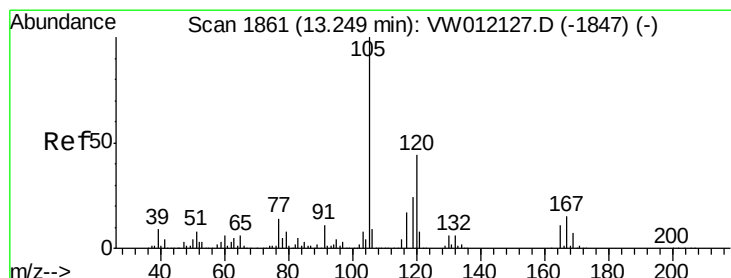
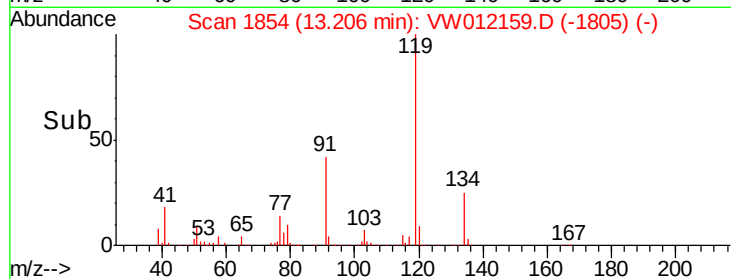
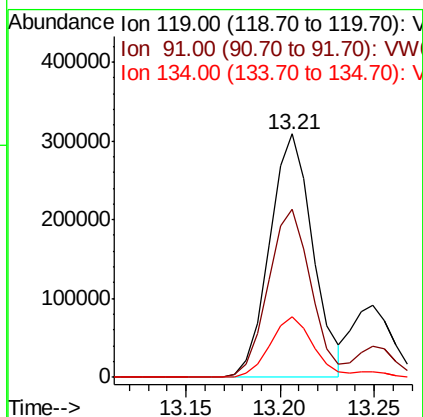
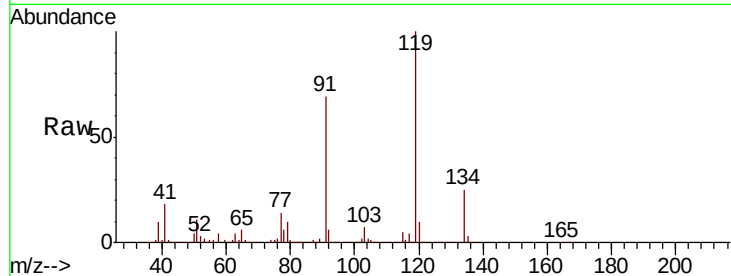




#83
 tert-Butylbenzene
 Concen: 56.088 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

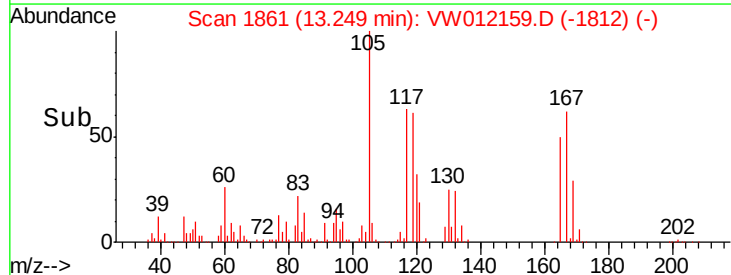
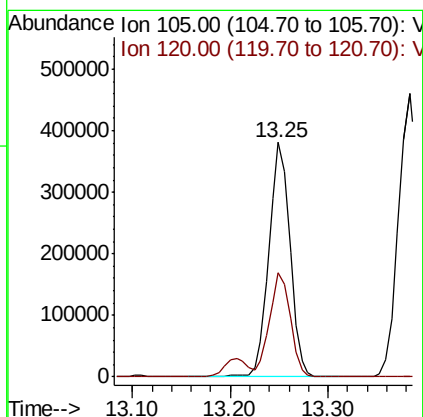
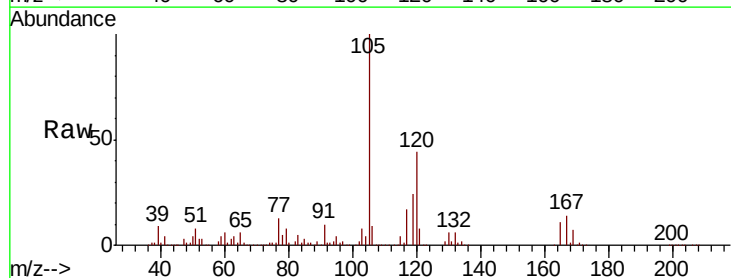
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

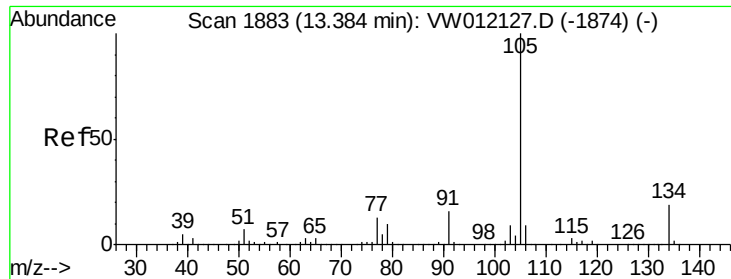
Tot Ion:119 Resp: 491424
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.3
 134 24.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.236 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion:105 Resp: 573913
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7

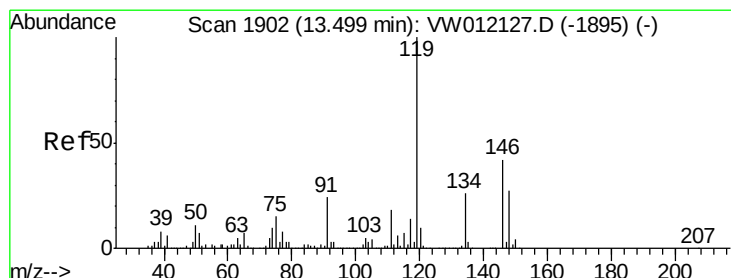
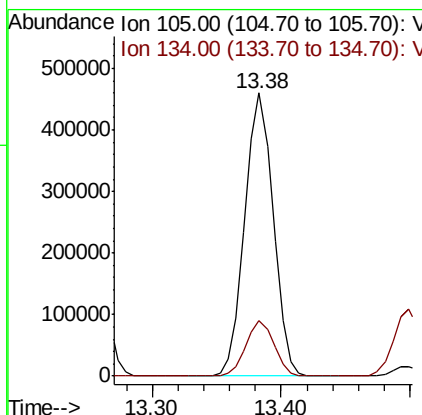
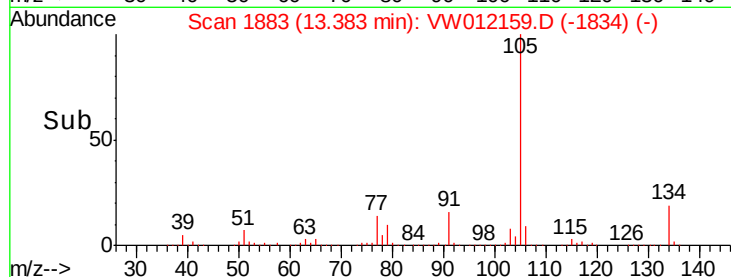
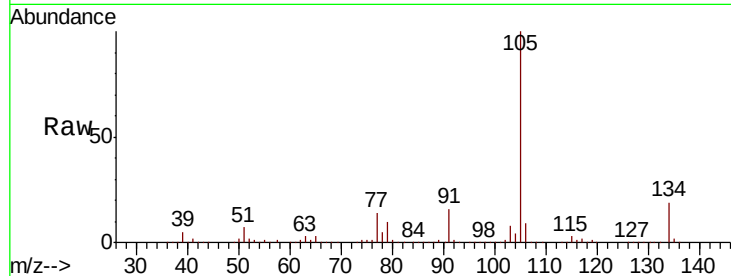




#85
 sec-Butylbenzene
 Concen: 55.849 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

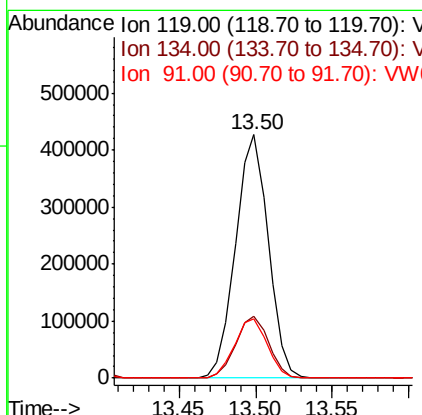
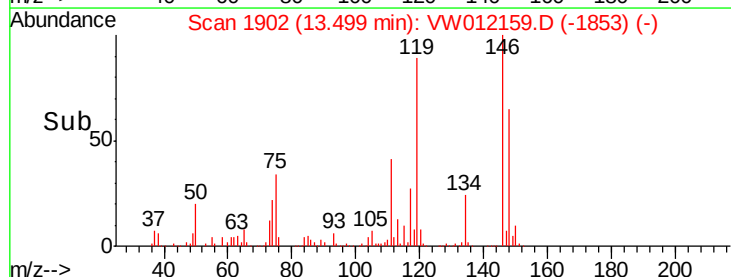
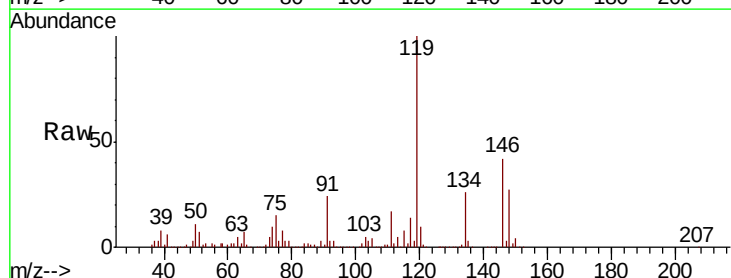
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

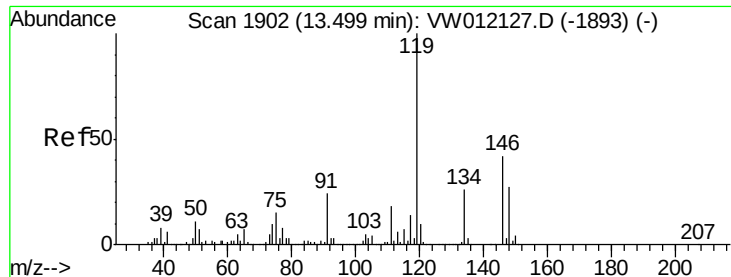
Tot Ion:105 Resp: 701052
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.250 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion:119 Resp: 630580
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 24.4 12.3 36.9

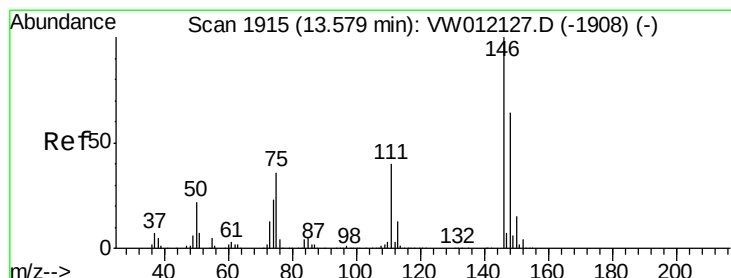
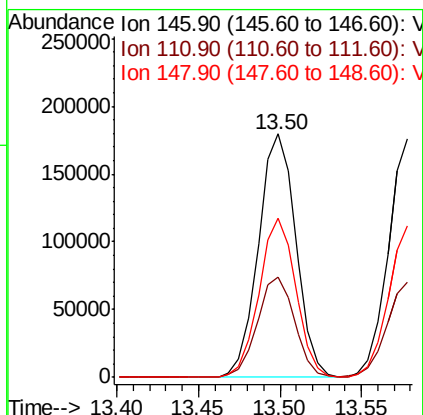
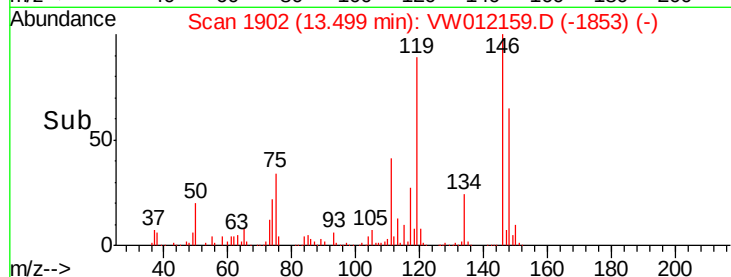
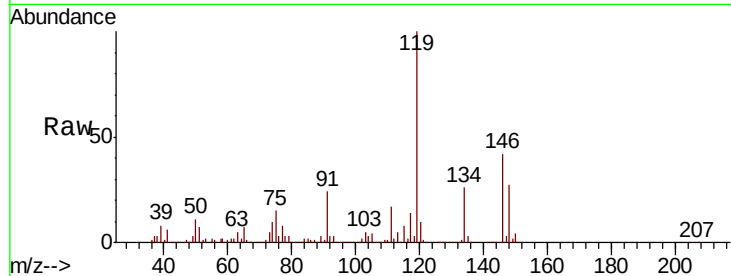




#87
 1,3-Dichlorobenzene
 Concen: 54.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

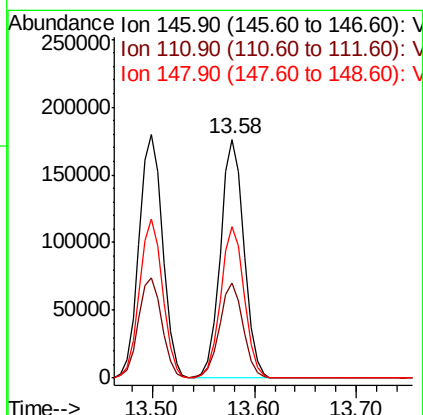
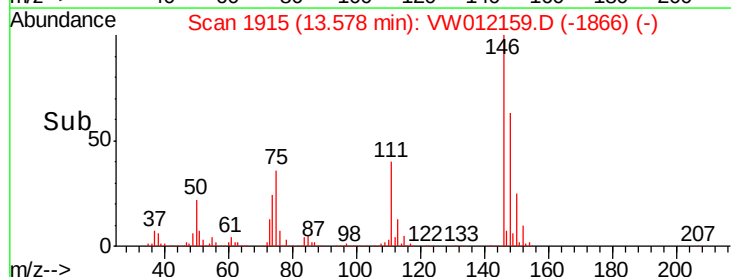
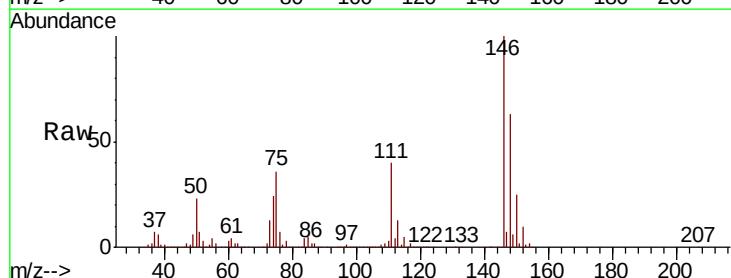
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

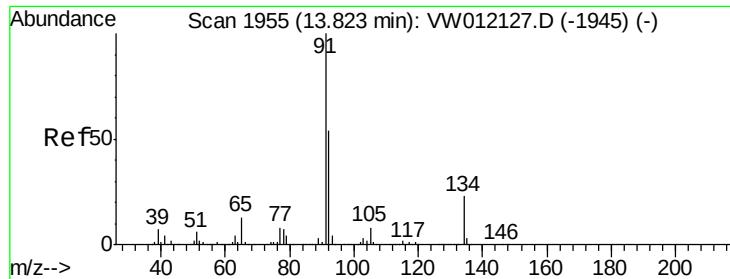
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.7
148	64.1	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 54.268 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.6	32.1	96.3





#89

n-Butylbenzene

Concen: 57.046 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012159.D

Acq: 26 Aug 2019 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

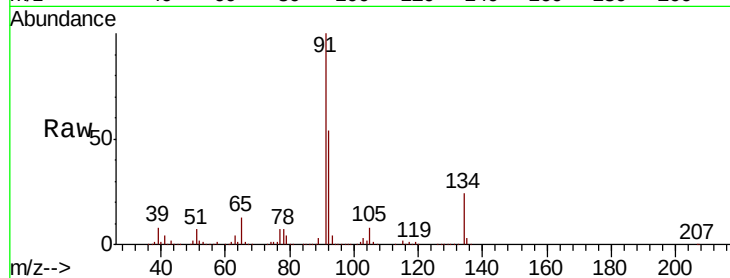
Tot Ion: 91 Resp: 635948

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 24.2 12.2 36.4

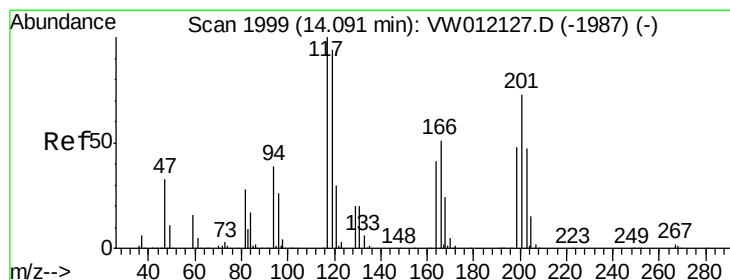
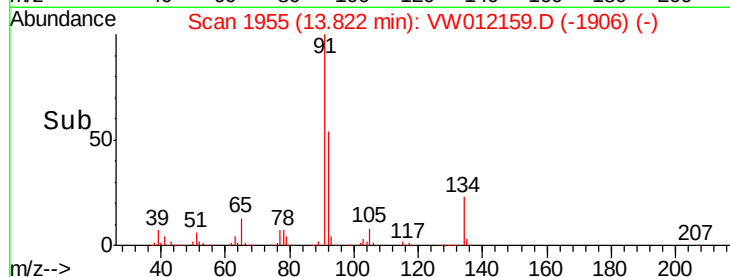
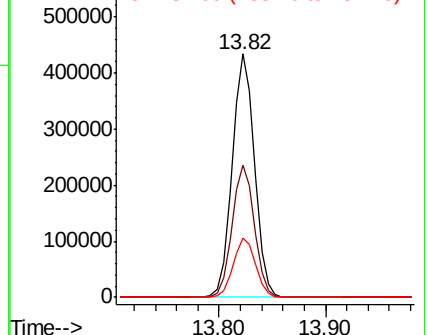


Abundance

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: 56.831 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012159.D

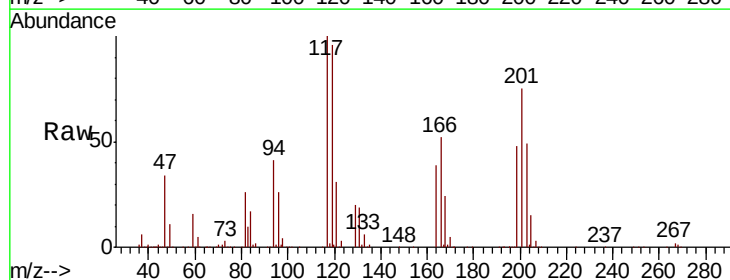
Acq: 26 Aug 2019 09:10

Tgt Ion: 117 Resp: 111775

Ion Ratio Lower Upper

117 100

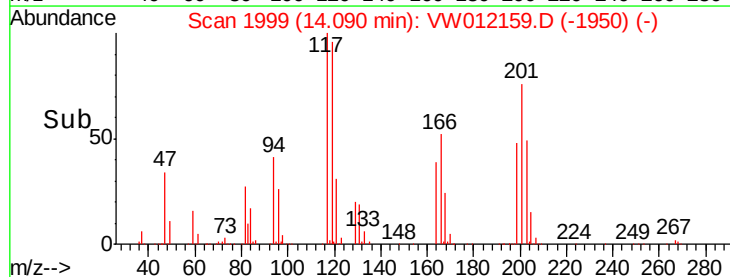
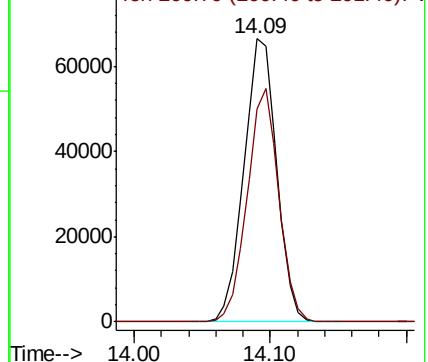
201 79.7 38.6 115.7

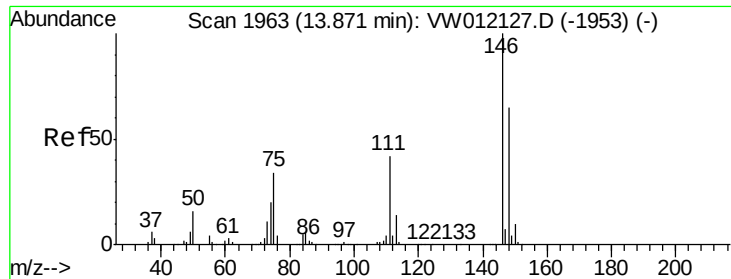


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

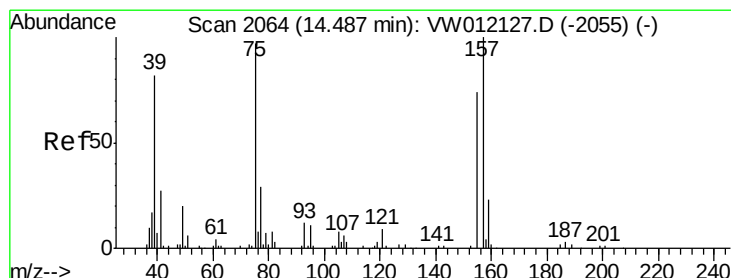
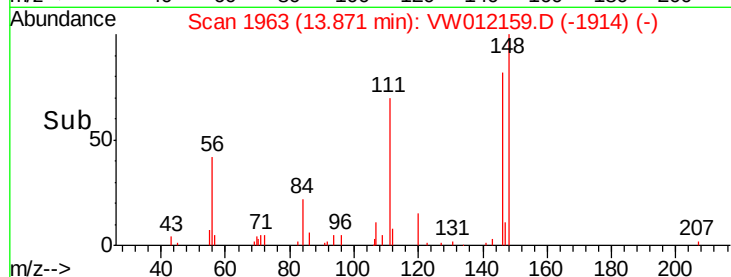
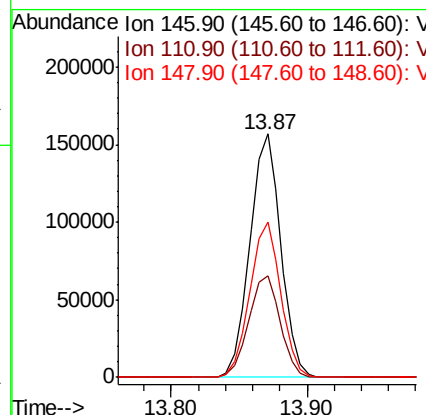
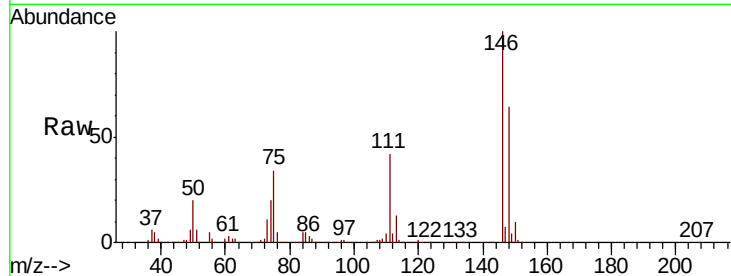




#91
 1,2-Dichlorobenzene
 Concen: 54.426 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

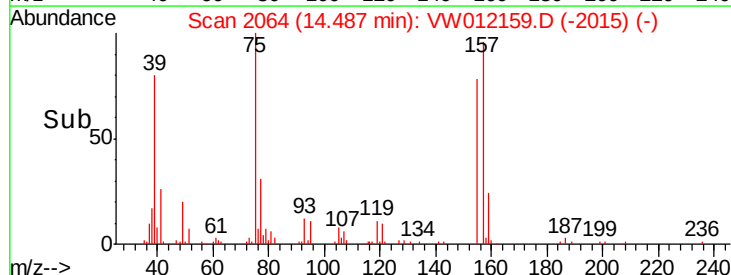
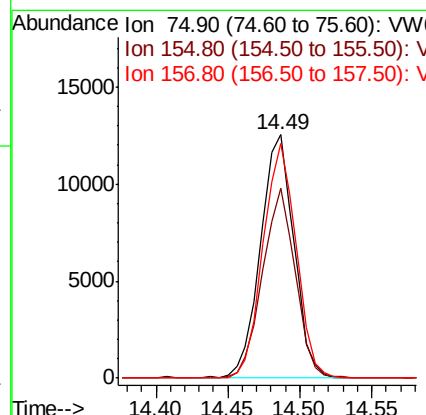
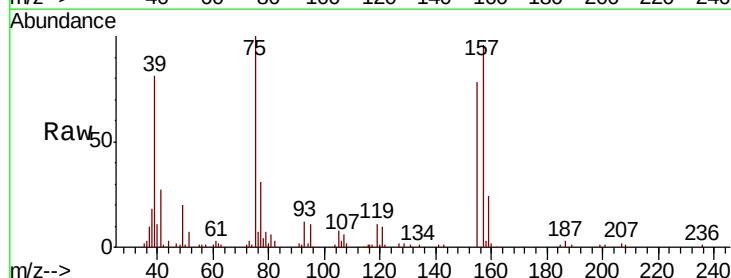
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

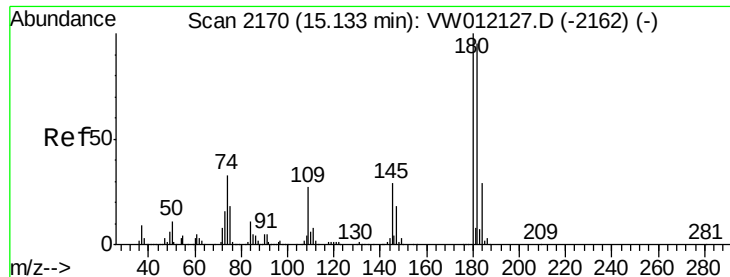
Tot Ion:146 Resp: 250092
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.2 63.6
 148 63.7 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.534 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion: 75 Resp: 20098
 Ion Ratio Lower Upper
 75 100
 155 76.3 37.5 112.3
 157 94.9 50.5 151.5

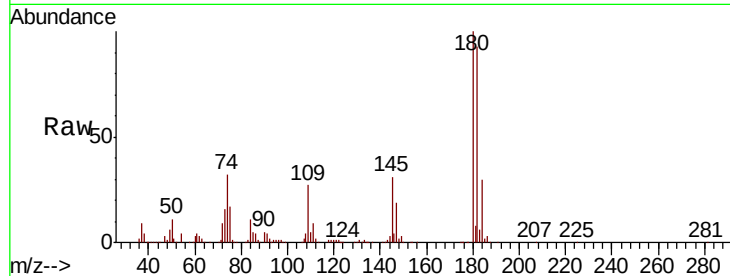




#93
 1,2,4-Trichlorobenzene
 Concen: 56.299 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	30.1	15.0	45.1

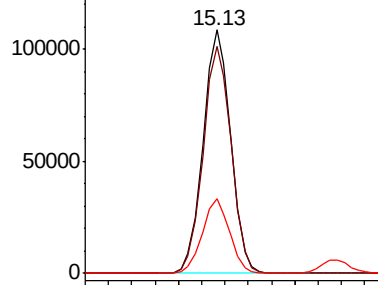


Abundance

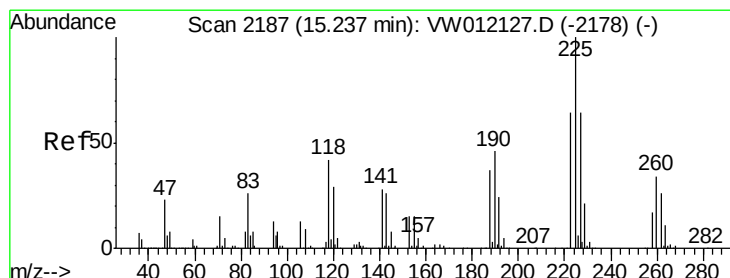
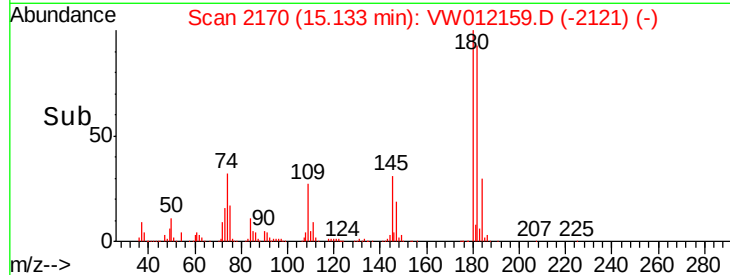
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

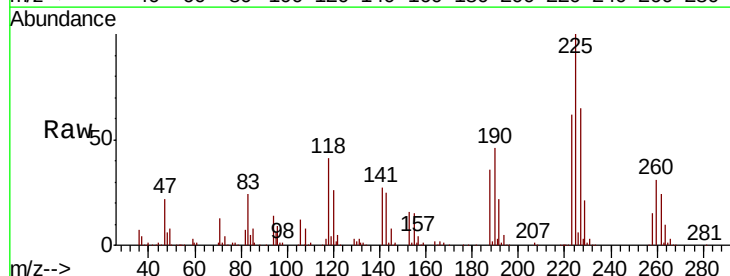


Time-->



#94
 Hexachlorobutadiene
 Concen: 56.967 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012159.D
 Acq: 26 Aug 2019 09:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.3	96.8
227	64.5	32.9	98.6

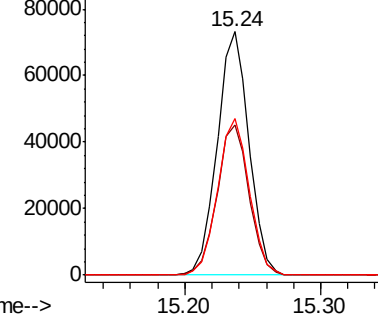


Abundance

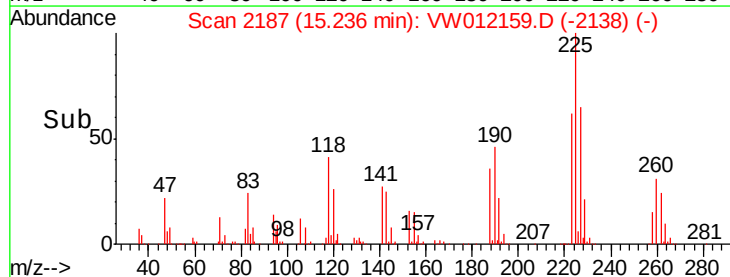
Ion 224.70 (224.40 to 225.40): V

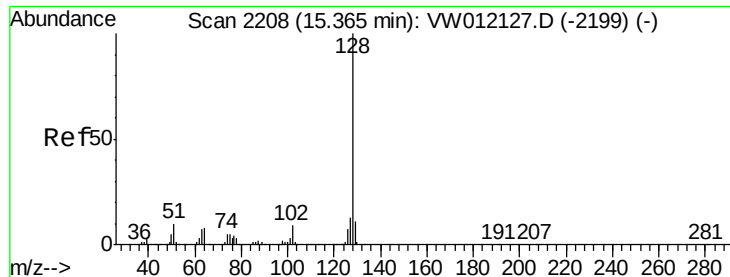
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->

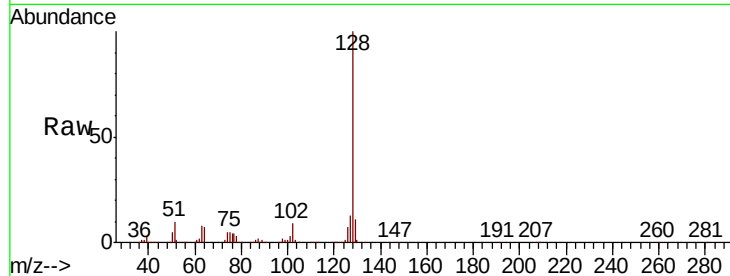




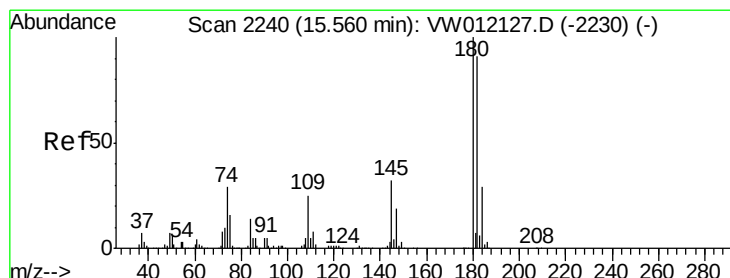
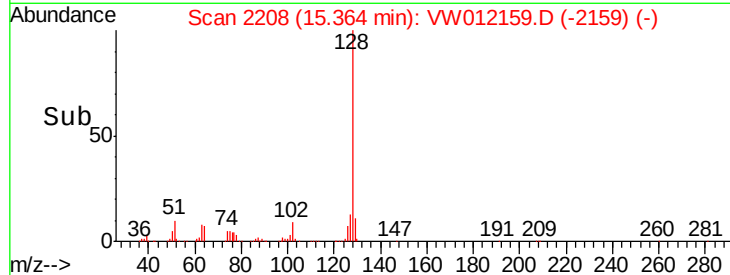
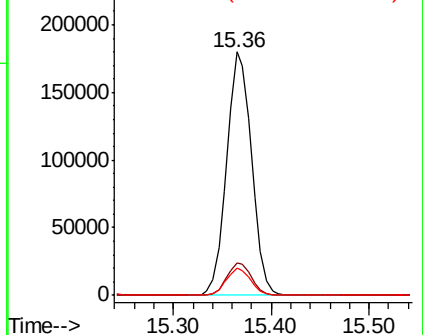
#95
Naphthalene
Concen: 50.959 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 318100
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 8.7 13.1

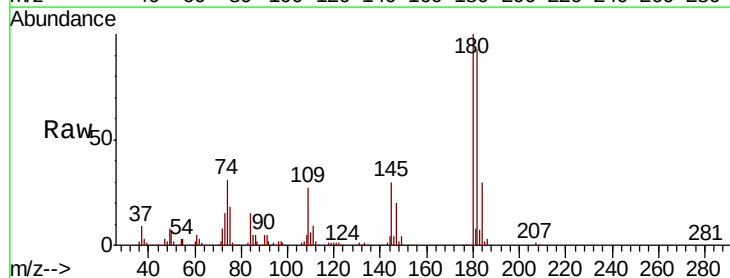


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.843 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012159.D
Acq: 26 Aug 2019 09:10

Tgt Ion:180 Resp: 157485
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 31.0 16.2 48.5



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

