

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015643.D
 Acq On : 22 Jun 2020 11:39
 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: Jun 23 05:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165952	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	117381	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.88	113	105433	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.32	98	423891	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.62	95	155592	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66953	50.908	ug/l	96
3) Chloromethane	2.21	50	73094	45.219	ug/l	100
4) Vinyl Chloride	2.37	62	119399	47.396	ug/l	98
5) Bromomethane	2.78	94	85805	48.314	ug/l	100
6) Chloroethane	2.93	64	78613	48.207	ug/l	99
7) Trichlorofluoromethane	3.26	101	97498	51.862	ug/l	98
8) Diethyl Ether	3.68	74	52799	46.308	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103854	45.405	ug/l	98
10) Methyl Iodide	4.26	142	146144	43.274	ug/l	100
11) Tert butyl alcohol	5.20	59	33870	196.789	ug/l	99
12) 1,1-Dichloroethene	4.03	96	102799	45.160	ug/l	99
13) Acrolein	3.90	56	41591	273.812	ug/l	99
14) Allyl chloride	4.67	41	168651	43.559	ug/l	99
15) Acrylonitrile	5.37	53	103166	218.829	ug/l	99
16) Acetone	4.13	43	147400	263.367	ug/l	98
17) Carbon Disulfide	4.38	76	304534	44.794	ug/l	99
18) Methyl Acetate	4.68	43	45966	41.191	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	156018	44.166	ug/l	97
20) Methylene Chloride	4.91	84	110312	42.353	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	116338	45.171	ug/l	99
22) Diisopropyl ether	6.31	45	326588	44.638	ug/l	97
23) Vinyl Acetate	6.26	43	985943	227.284	ug/l	99
24) 1,1-Dichloroethane	6.21	63	203729	44.194	ug/l	99
25) 2-Butanone	7.18	43	160412	240.192	ug/l	100
26) 2,2-Dichloropropane	7.17	77	141148	43.594	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123258	43.996	ug/l	98
28) Bromochloromethane	7.51	49	82294	47.566	ug/l	99
29) Tetrahydrofuran	7.54	42	86136	217.547	ug/l	99
30) Chloroform	7.68	83	206212	44.560	ug/l	98
31) Cyclohexane	7.96	56	192728	42.811	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	182395	45.633	ug/l	99
36) 1,1-Dichloropropene	8.09	75	171626	45.938	ug/l	100
37) Ethyl Acetate	7.26	43	64948	44.793	ug/l	99
38) Carbon Tetrachloride	8.07	117	171119	46.781	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	211556	45.917	ug/l	99
40) Benzene	8.32	78	459497	45.577	ug/l	99
41) Methacrylonitrile	7.49	41	37867	45.467	ug/l	97
42) 1,2-Dichloroethane	8.40	62	139038	45.185	ug/l	100
43) Isopropyl Acetate	8.43	43	129600	44.992	ug/l	99
44) Trichloroethene	9.09	130	124656	46.336	ug/l	96
45) 1,2-Dichloropropane	9.37	63	111846	45.478	ug/l	99
46) Dibromomethane	9.46	93	56639	45.113	ug/l	98
47) Bromodichloromethane	9.65	83	152392	44.856	ug/l	100
48) Methyl methacrylate	9.44	41	63658	48.348	ug/l	95
49) 1,4-Dioxane	9.46	88	15295	729.467	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	313990	229.430	ug/l	99
52) Toluene	10.39	92	299126	45.997	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	153026	45.696	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	178482	45.229	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	79560	45.397	ug/l	99
56) Ethyl methacrylate	10.65	69	104349	45.776	ug/l	100
57) 1,3-Dichloropropane	10.93	76	141372	45.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285060	261.536	ug/l	99
59) 2-Hexanone	10.97	43	228634	241.524	ug/l	99
60) Dibromochloromethane	11.13	129	97319	45.510	ug/l	99
61) 1,2-Dibromoethane	11.24	107	76420	45.564	ug/l	100
64) Tetrachloroethene	10.87	164	103383	45.917	ug/l	95
65) Chlorobenzene	11.66	112	310178	45.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111395	45.504	ug/l	99
67) Ethyl Benzene	11.73	91	589429	45.733	ug/l	100
68) m/p-Xylenes	11.84	106	441544	91.689	ug/l	99
69) o-Xylene	12.17	106	205288	45.762	ug/l	100
70) Styrene	12.18	104	350381	45.729	ug/l	99
71) Bromoform	12.35	173	53198	45.212	ug/l #	99
73) Isopropylbenzene	12.46	105	584097	46.034	ug/l	99
74) N-amyl acetate	12.27	43	120898	44.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	89863	45.963	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	121949	87.142	ug/l #	100
77) Bromobenzene	12.75	156	126082	46.017	ug/l	98
78) n-propylbenzene	12.80	91	699349	46.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	390430	45.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	489347	45.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29234	44.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	408164	45.945	ug/l	100
83) tert-Butylbenzene	13.21	119	415204	45.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487329	45.606	ug/l	100
85) sec-Butylbenzene	13.38	105	597702	46.411	ug/l	100
86) p-Isopropyltoluene	13.50	119	541248	45.883	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254360	46.796	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	243905	45.039	ug/l	98
89) n-Butylbenzene	13.82	91	520876	46.000	ug/l	100
90) Hexachloroethane	14.10	117	98193	45.251	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	212337	44.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14608	43.338	ug/l	97

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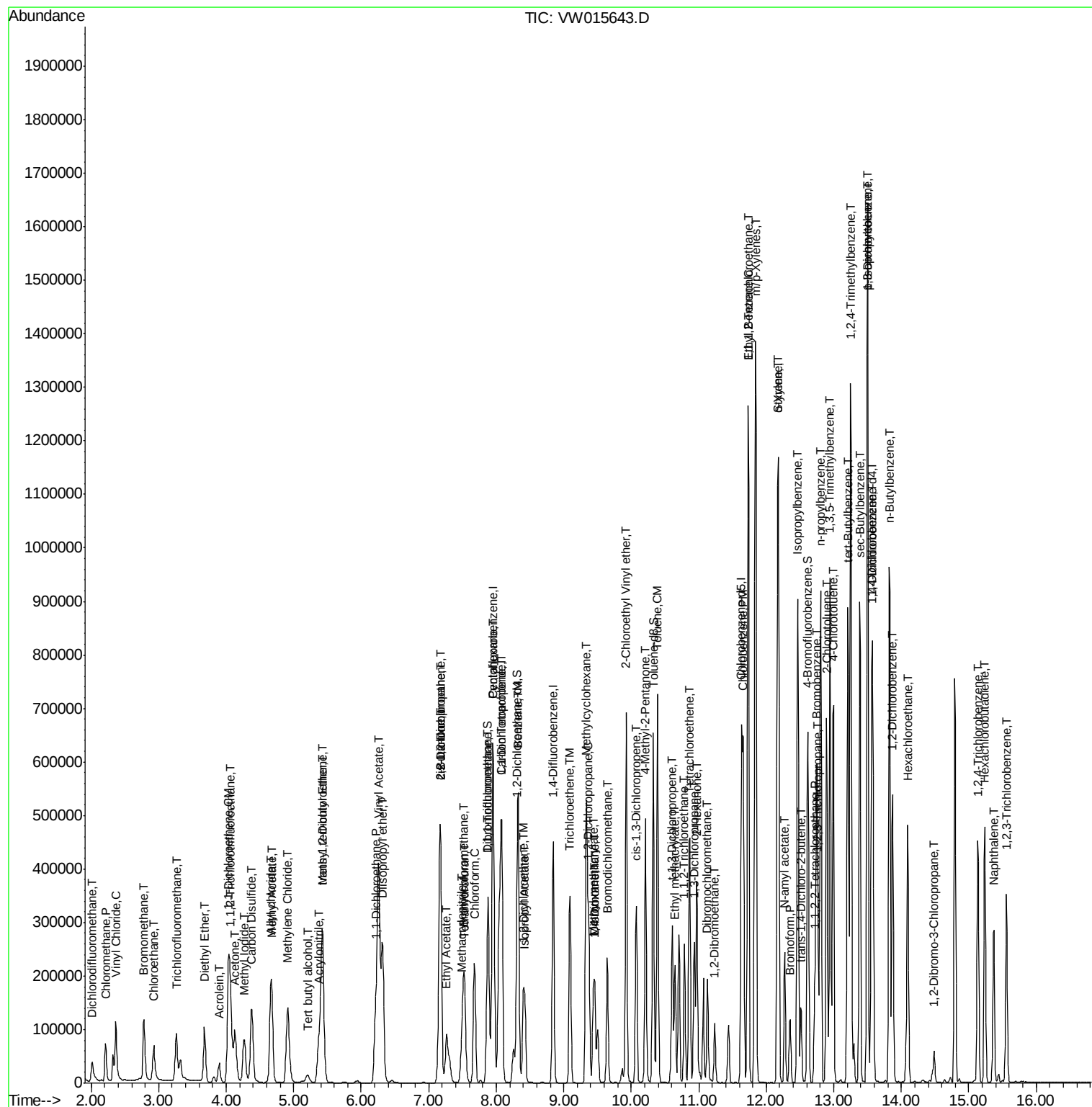
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	141534	43.414	ug/l	99
94) Hexachlorobutadiene	15.24	225	88694	44.613	ug/l	98
95) Naphthalene	15.37	128	242381	43.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	120113	43.738	ug/l	99

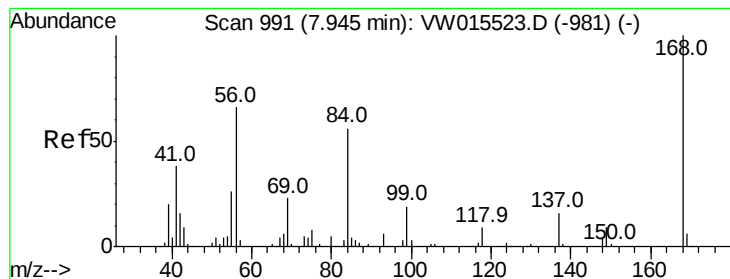
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

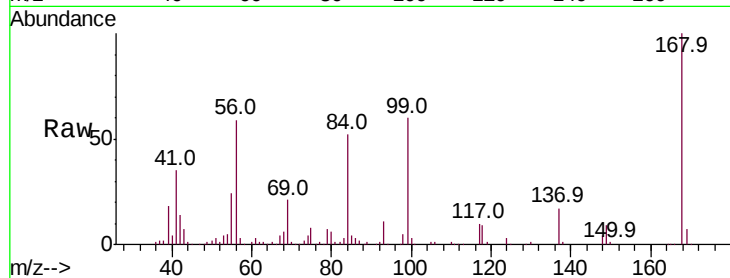
VSTDCCC050

Tot Ion:168 Resp: 235429

Ion Ratio Lower Upper

168 100

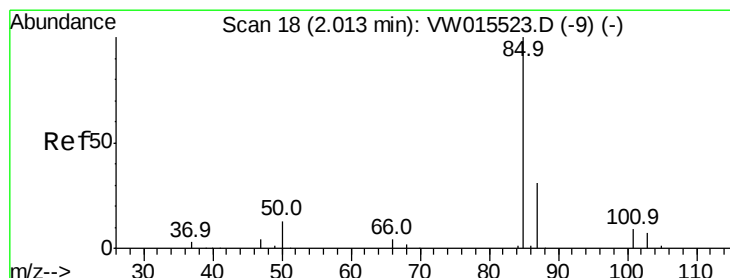
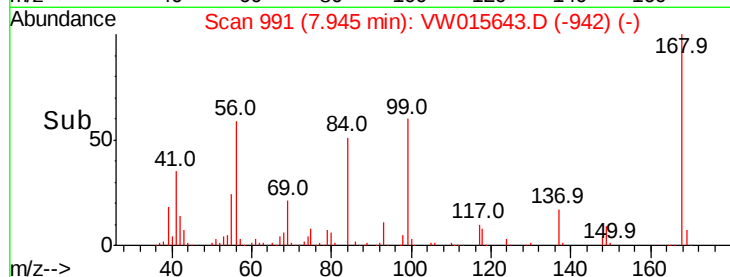
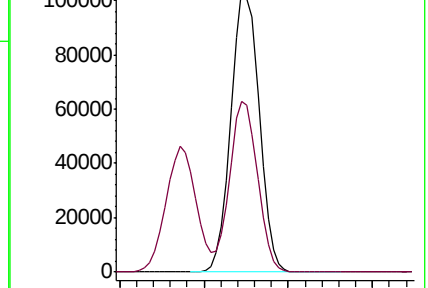
99 60.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 50.908 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015643.D

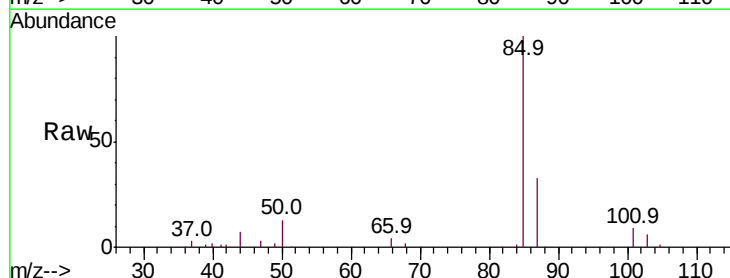
Acq: 22 Jun 2020 11:39

Tgt Ion: 85 Resp: 66953

Ion Ratio Lower Upper

85 100

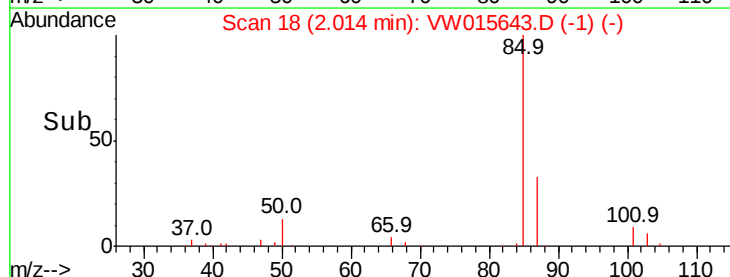
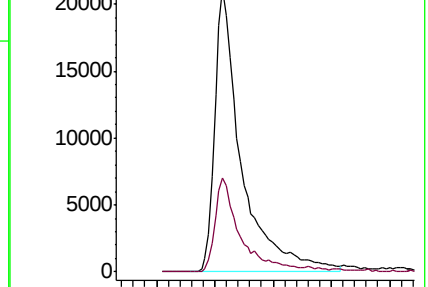
87 33.0 15.5 46.5

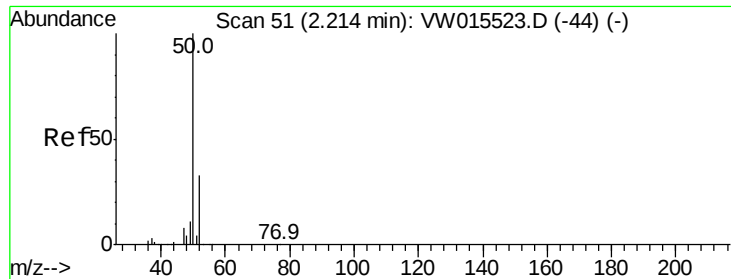


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01





#3

Chloromethane

Concen: 45.219 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

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ClientSampleId :

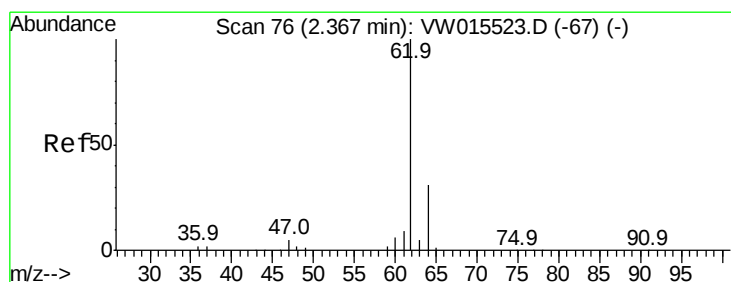
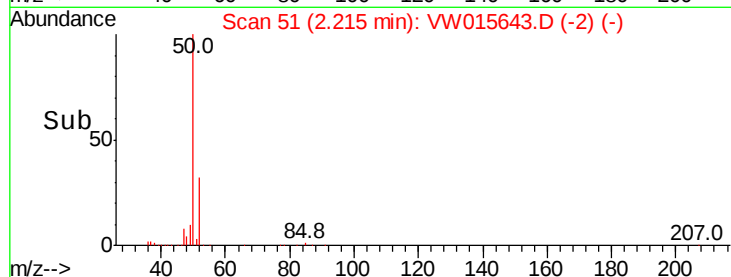
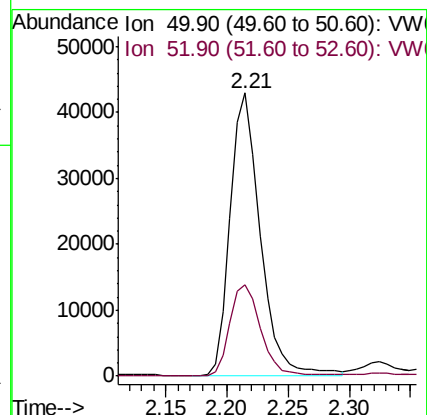
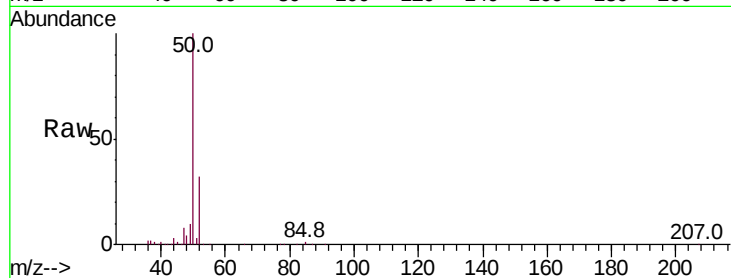
VSTDCCC050

Tot Ion: 50 Resp: 73094

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 47.396 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015643.D

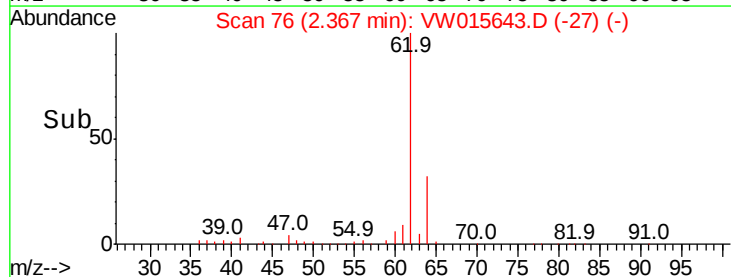
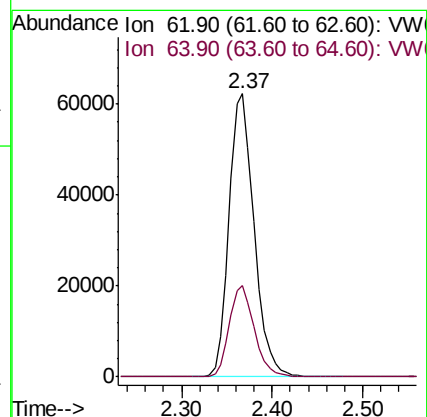
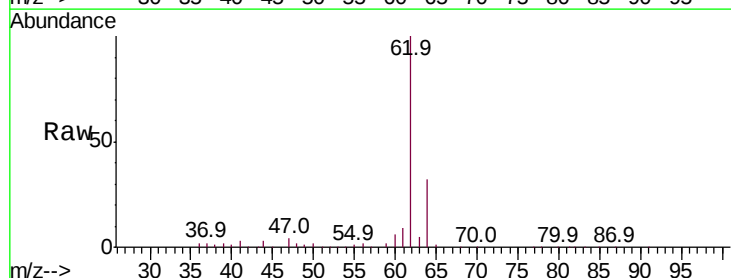
Acq: 22 Jun 2020 11:39

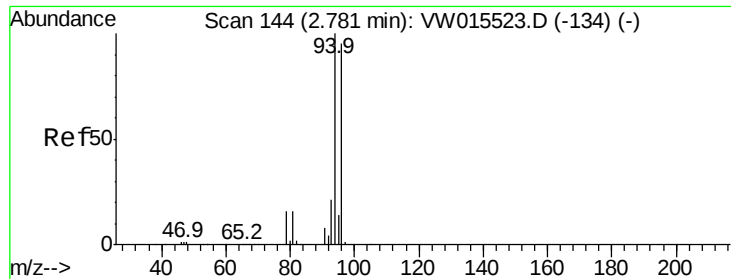
Tgt Ion: 62 Resp: 119399

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 48.314 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

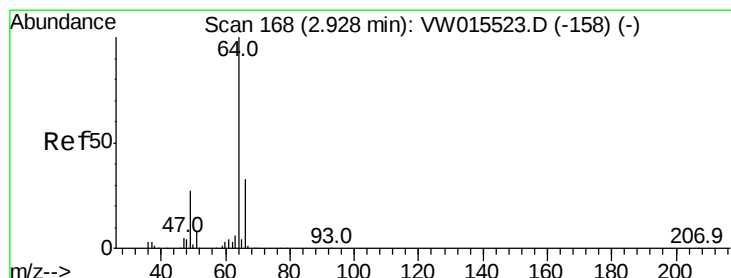
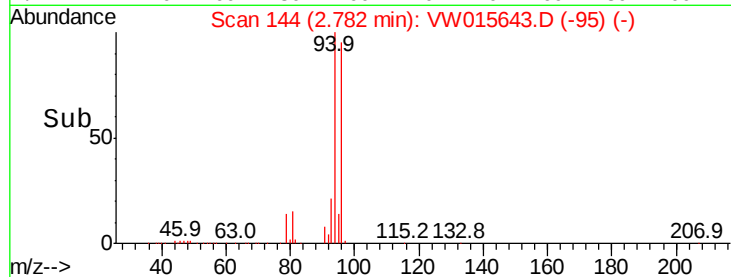
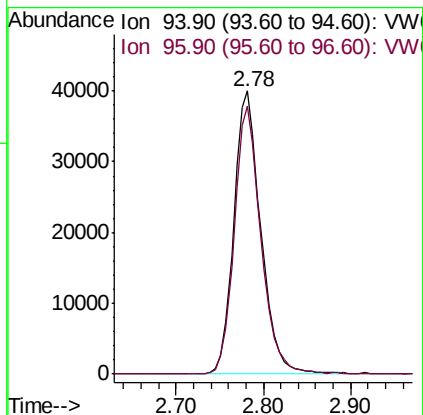
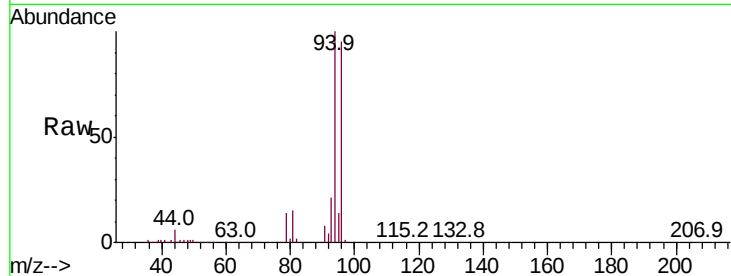
VSTDCCC050

Tot Ion: 94 Resp: 85805

Ion Ratio Lower Upper

94 100

96 94.6 76.0 114.0



#6

Chloroethane

Concen: 48.207 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015643.D

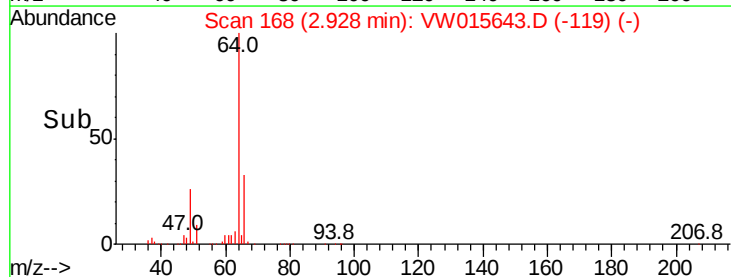
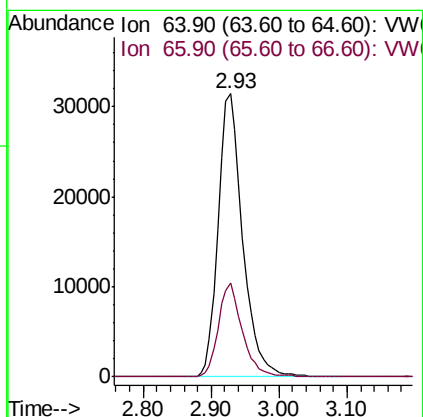
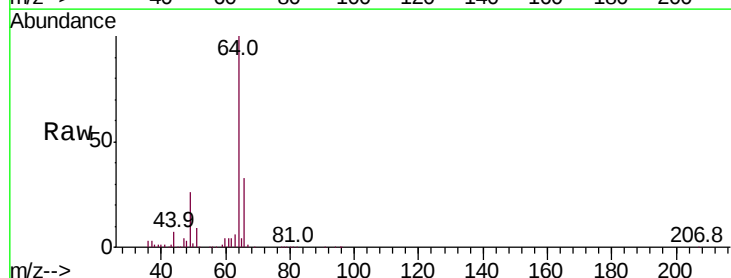
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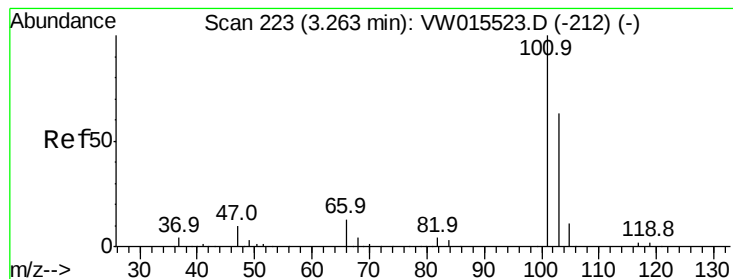
Tgt Ion: 64 Resp: 78613

Ion Ratio Lower Upper

64 100

66 33.1 26.8 40.2



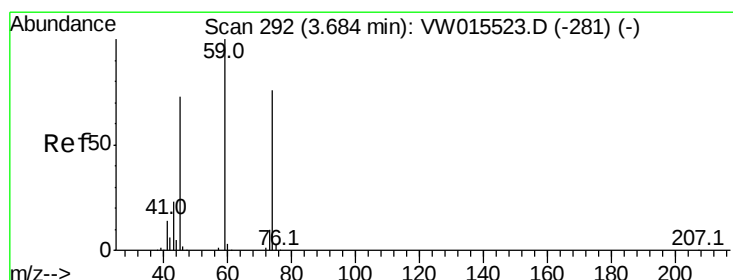
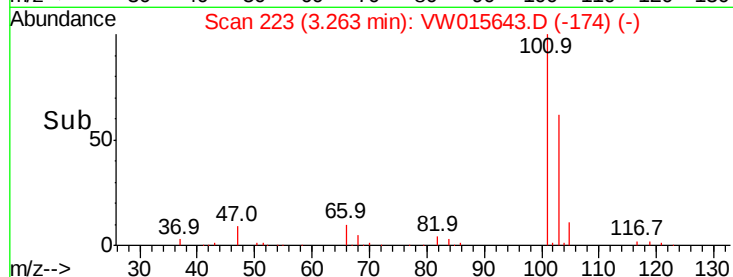
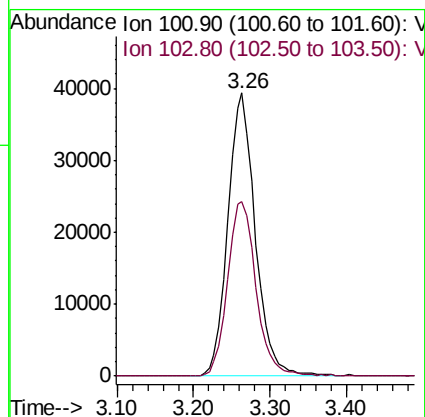
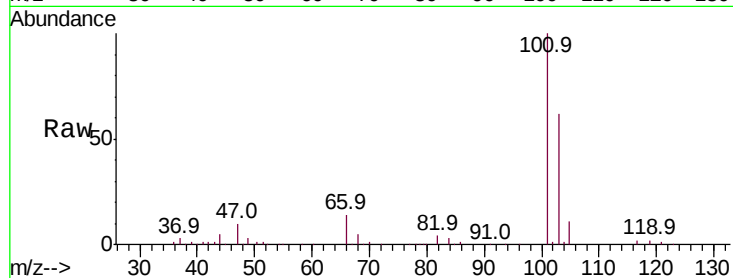


#7

Trichlorofluoromethane
Concen: 51.862 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
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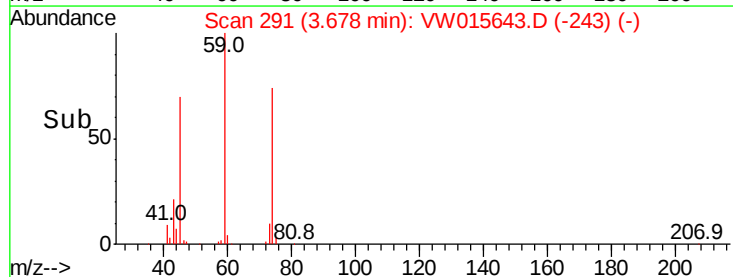
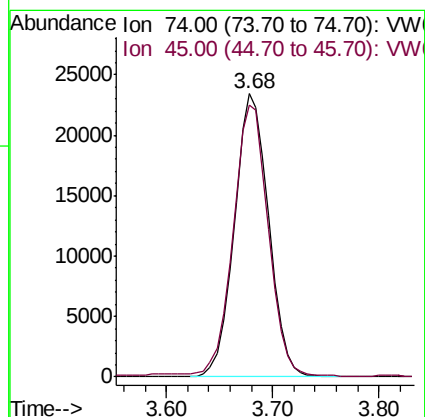
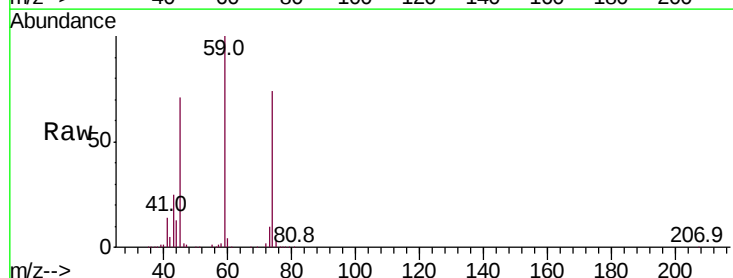
Tot Ion:101 Resp: 97498
Ion Ratio Lower Upper
101 100
103 61.5 50.2 75.2

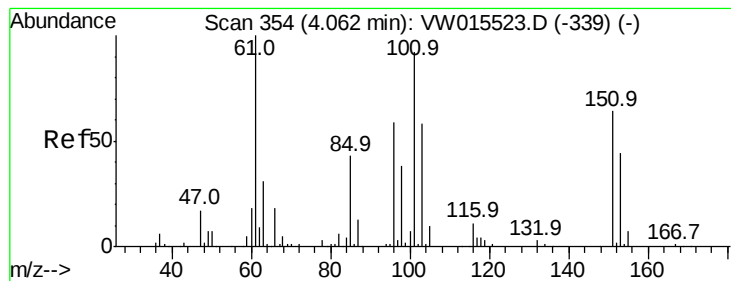


#8

Diethyl Ether
Concen: 46.308 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 74 Resp: 52799
Ion Ratio Lower Upper
74 100
45 99.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.405 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

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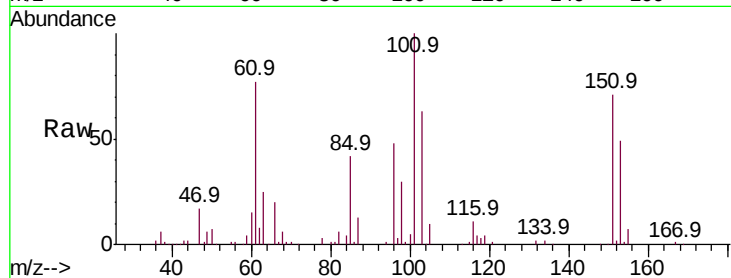
Tot Ion:101 Resp: 103854

Ion Ratio Lower Upper

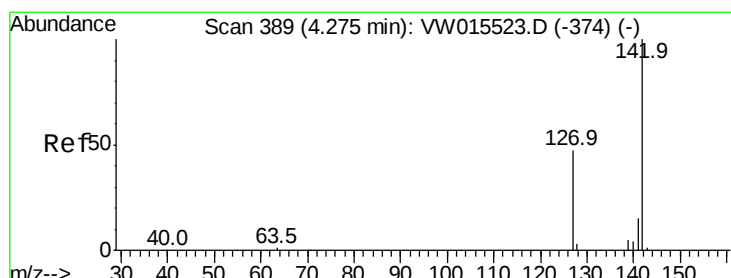
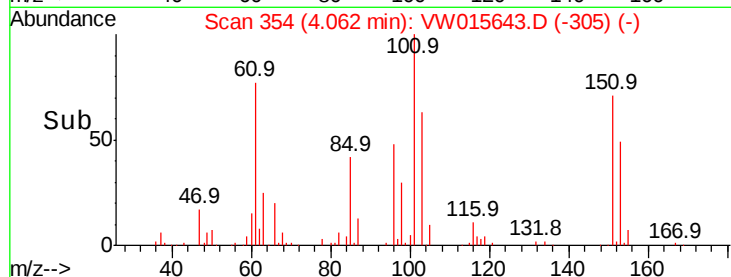
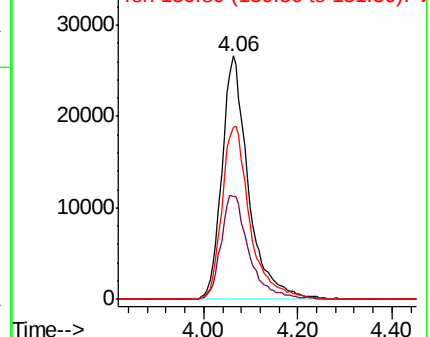
101 100

85 45.0 37.0 55.6

151 75.3 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.274 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

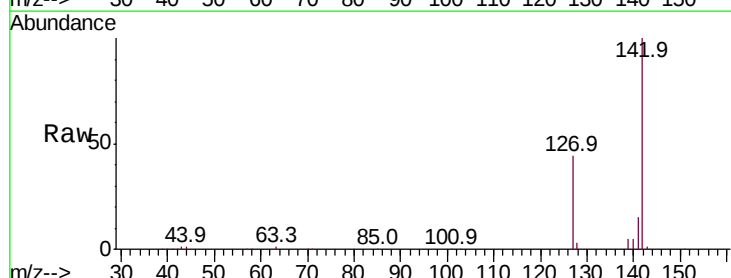
Tgt Ion:142 Resp: 146144

Ion Ratio Lower Upper

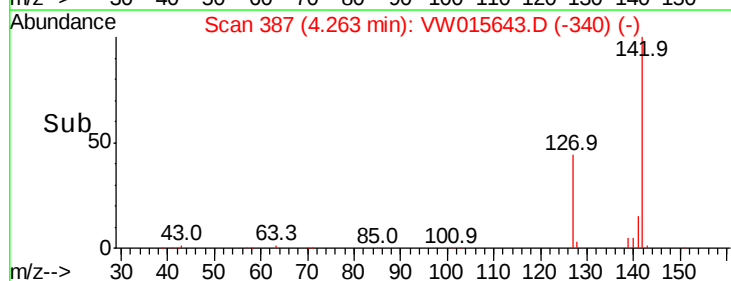
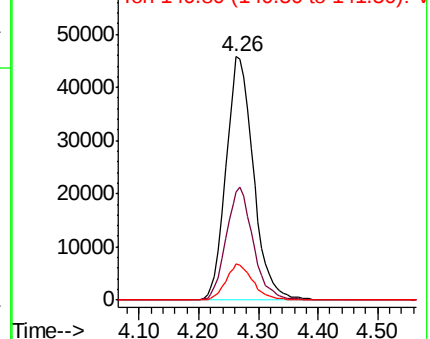
142 100

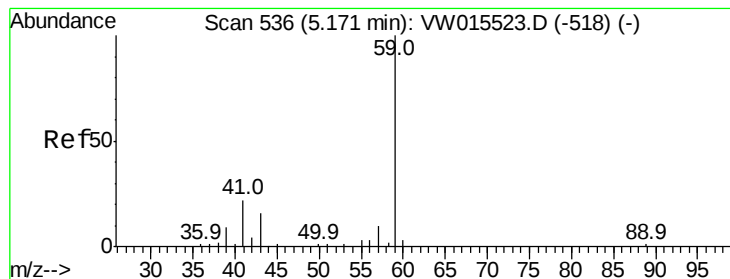
127 45.8 36.9 55.3

141 14.6 11.7 17.5



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



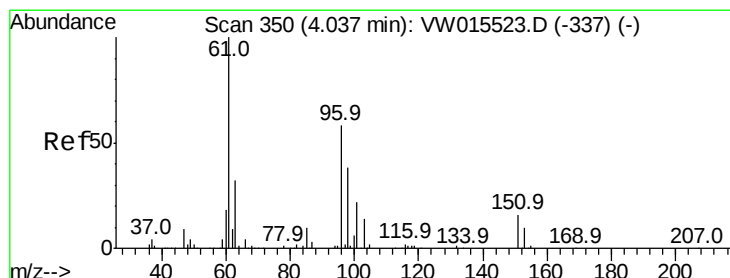
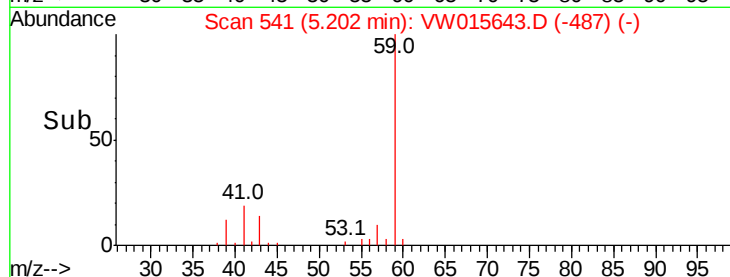
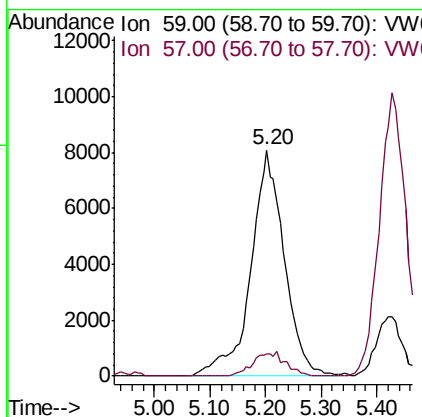
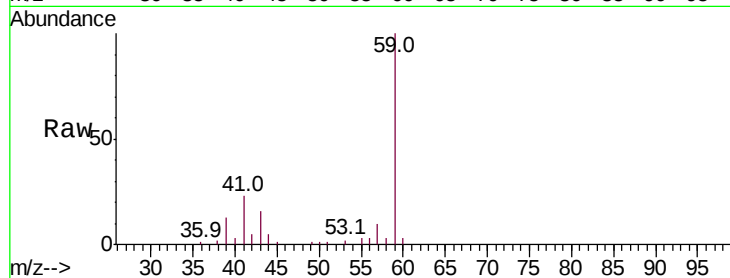


#11

Tert butyl alcohol
 Concen: 196.789 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

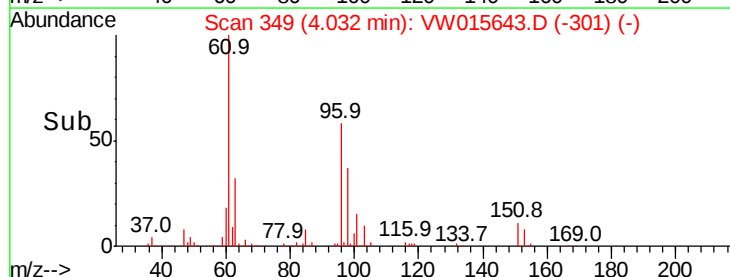
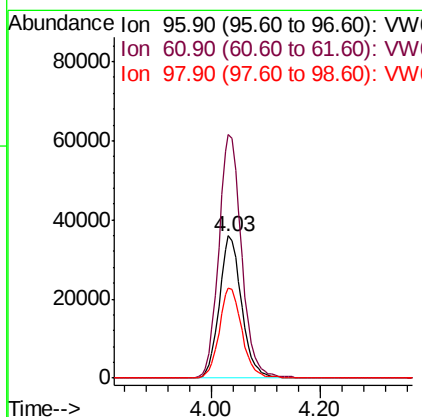
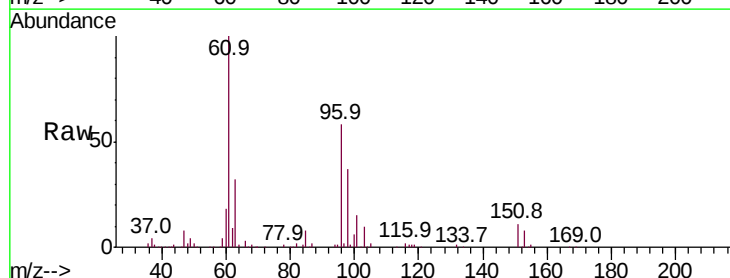
Tot Ion: 59 Resp: 33870
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

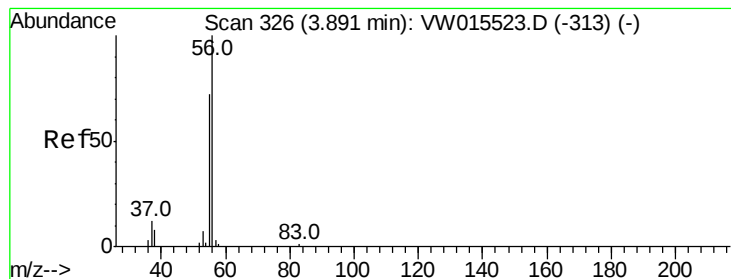


#12

1,1-Dichloroethene
 Concen: 45.160 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion: 96 Resp: 102799
 Ion Ratio Lower Upper
 96 100
 61 171.5 138.3 207.5
 98 63.5 52.2 78.4





#13

Acrolein

Concen: 273.812 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

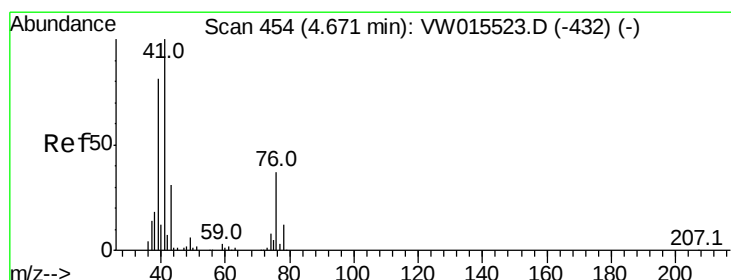
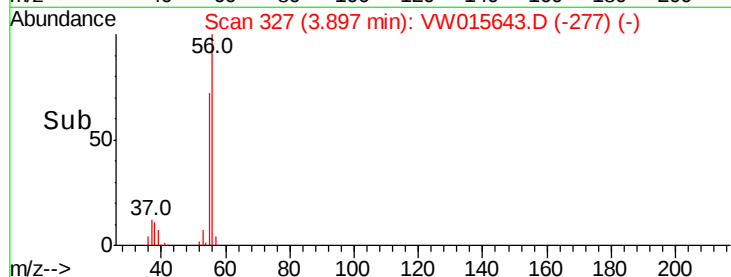
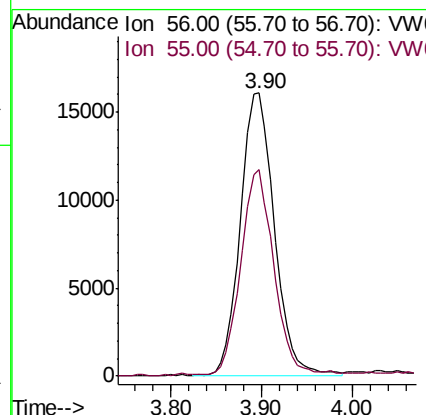
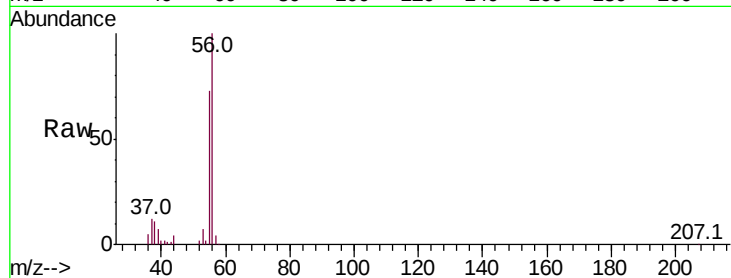
VSTDCCC050

Tot Ion: 56 Resp: 41591

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 43.559 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

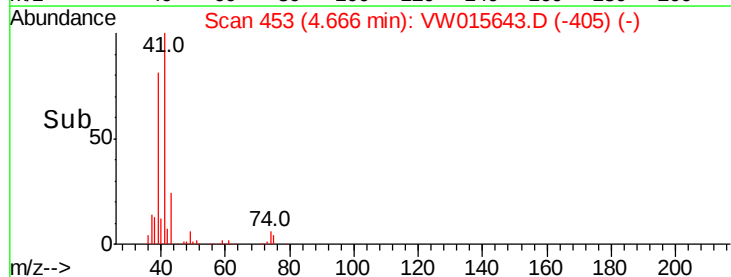
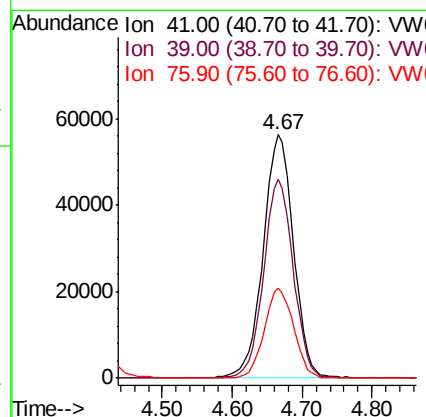
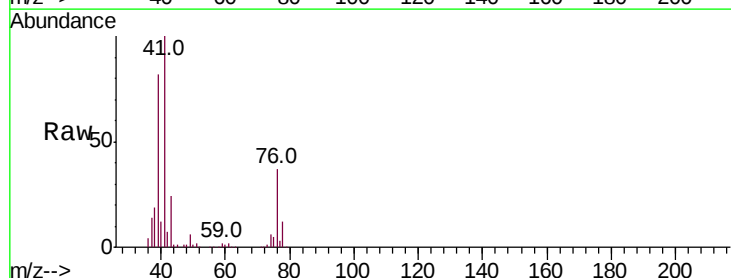
Tgt Ion: 41 Resp: 168651

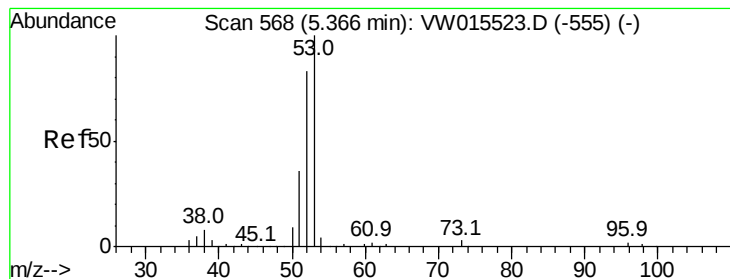
Ion Ratio Lower Upper

41 100

39 80.5 63.1 94.7

76 36.1 28.6 43.0





#15

Acrylonitrile

Concen: 218.829 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

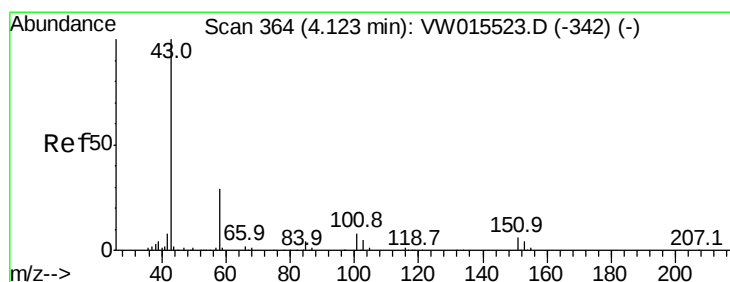
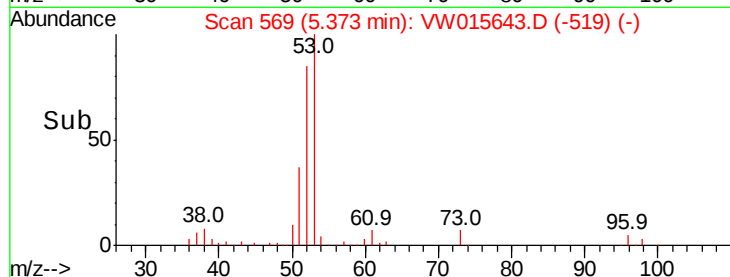
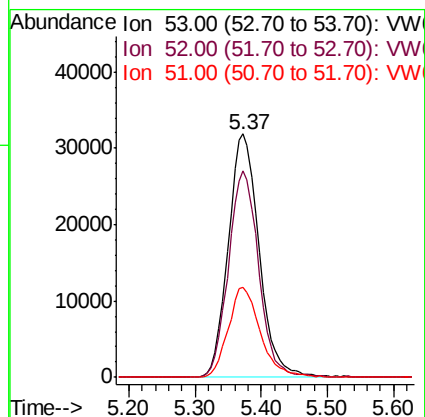
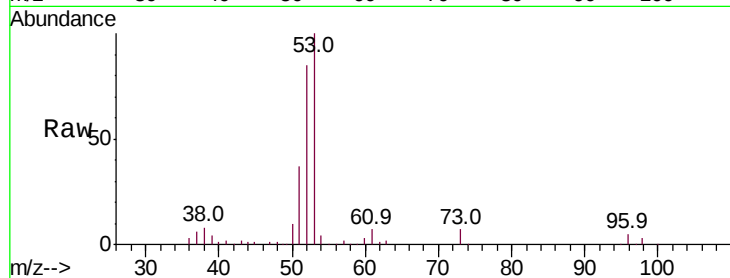
Tot Ion: 53 Resp: 103166

Ion Ratio Lower Upper

53 100

52 83.2 66.1 99.1

51 38.5 30.2 45.4



#16

Acetone

Concen: 263.367 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015643.D

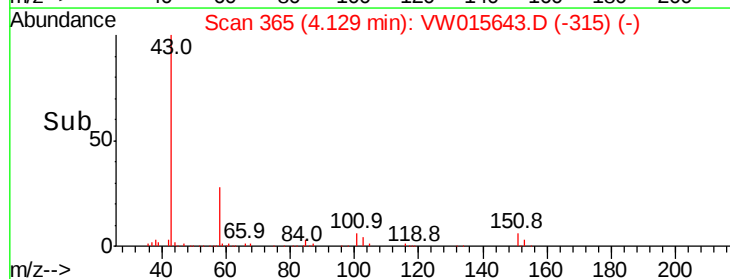
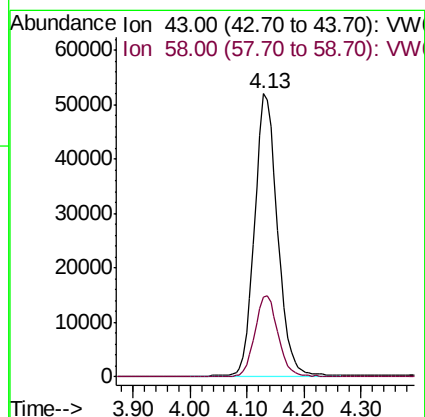
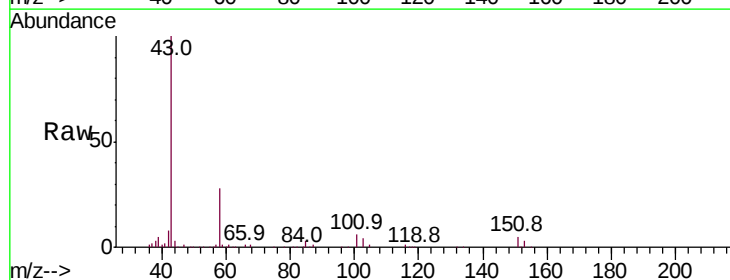
Acq: 22 Jun 2020 11:39

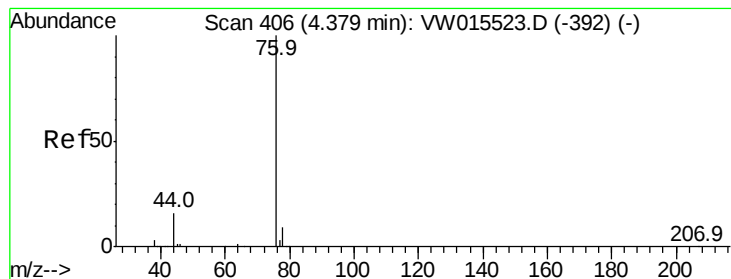
Tgt Ion: 43 Resp: 147400

Ion Ratio Lower Upper

43 100

58 28.1 23.1 34.7





#17

Carbon Disulfide

Concen: 44.794 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

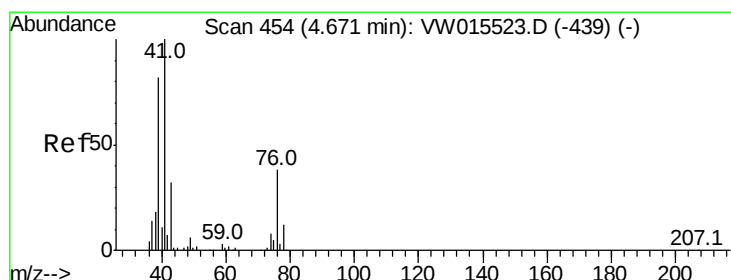
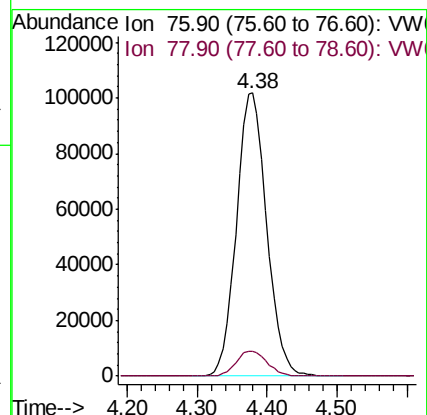
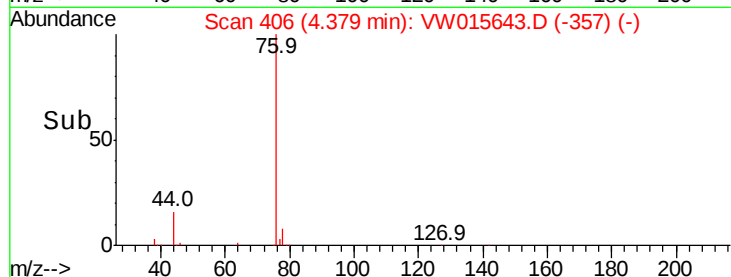
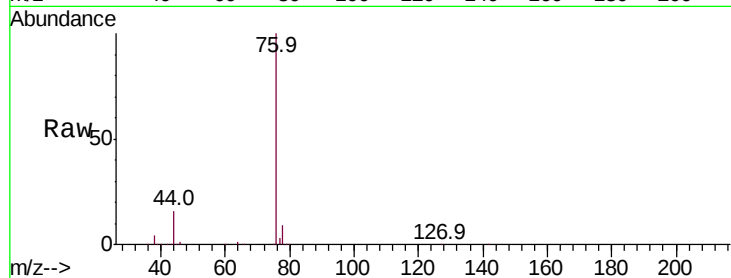
VSTDCCC050

Tot Ion: 76 Resp: 304534

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 41.191 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015643.D

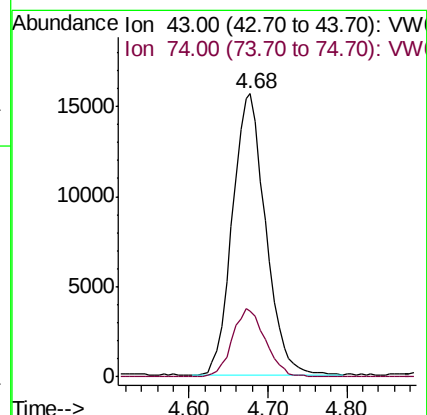
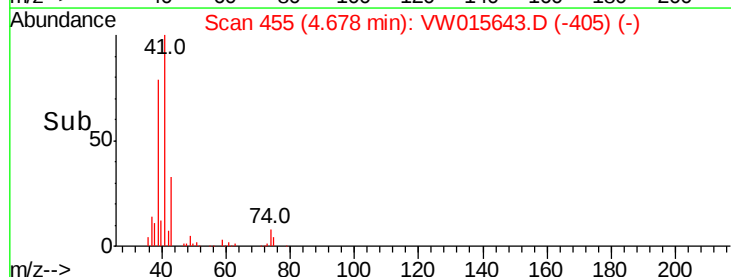
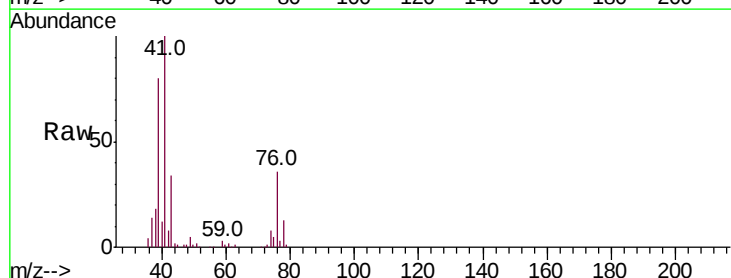
Acq: 22 Jun 2020 11:39

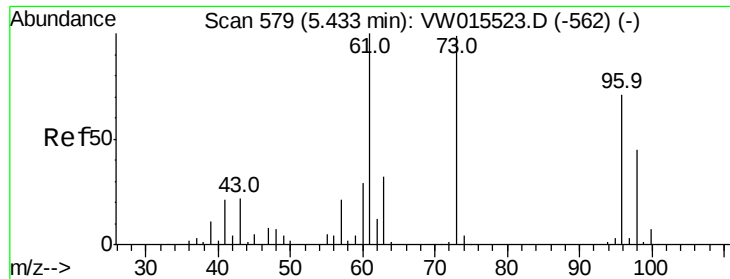
Tgt Ion: 43 Resp: 45966

Ion Ratio Lower Upper

43 100

74 24.1 18.8 28.2

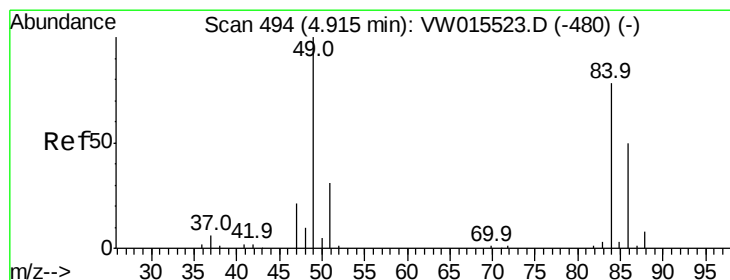
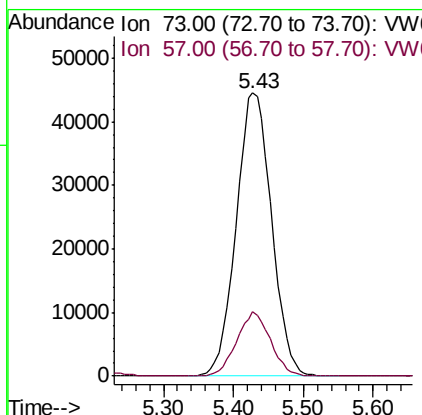
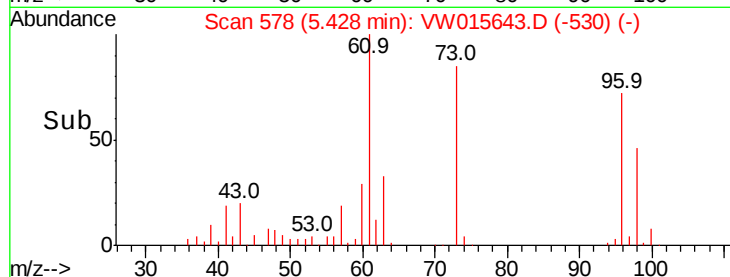
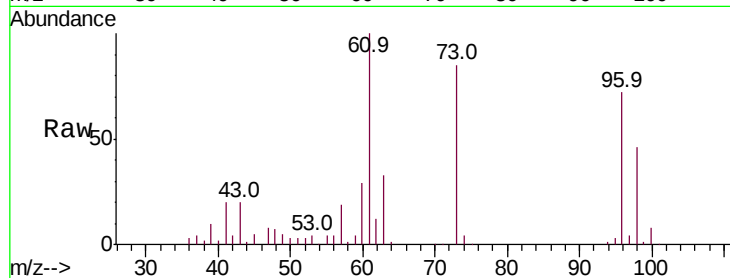




#19
Methyl tert-butyl Ether
Concen: 44.166 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

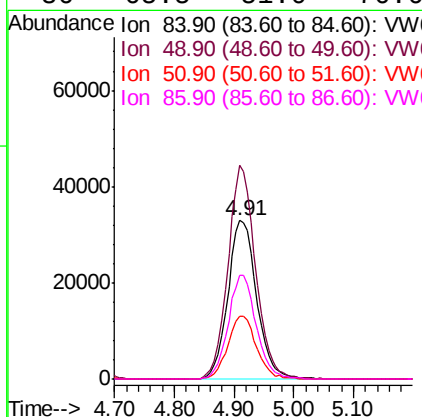
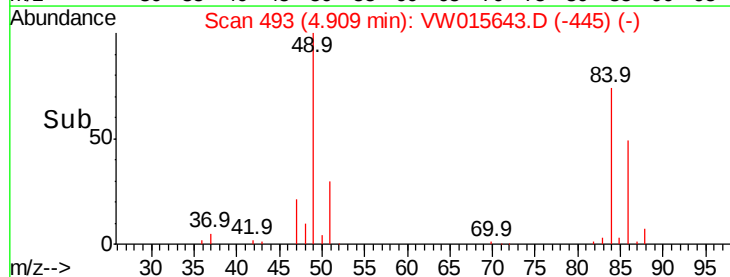
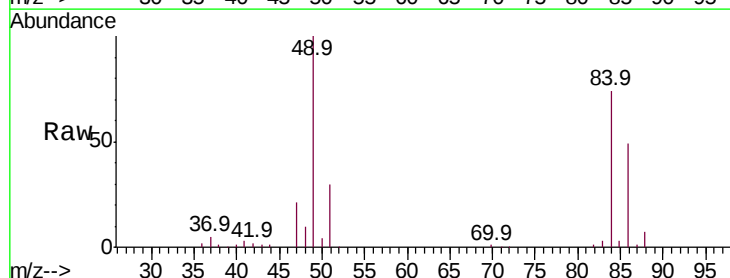
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

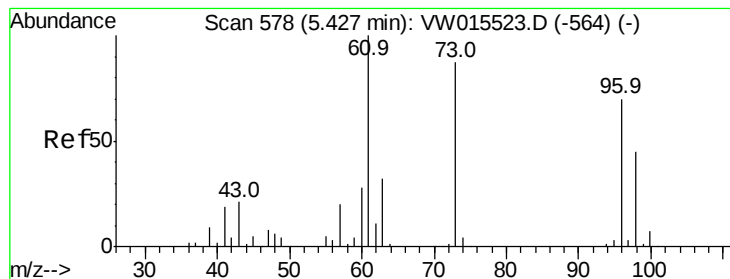
Tot Ion: 73 Resp: 156018
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 42.353 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 84 Resp: 110312
Ion Ratio Lower Upper
84 100
49 135.0 102.8 154.2
51 40.0 31.4 47.2
86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.171 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

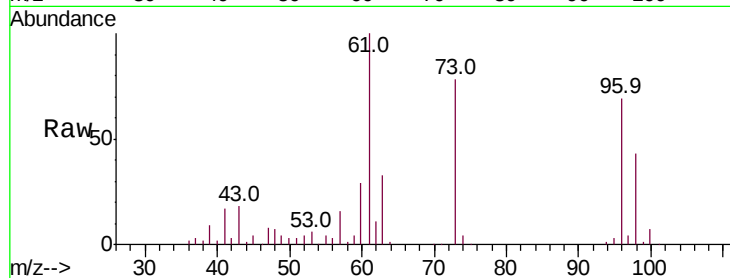
Tot Ion: 96 Resp: 116338

Ion Ratio Lower Upper

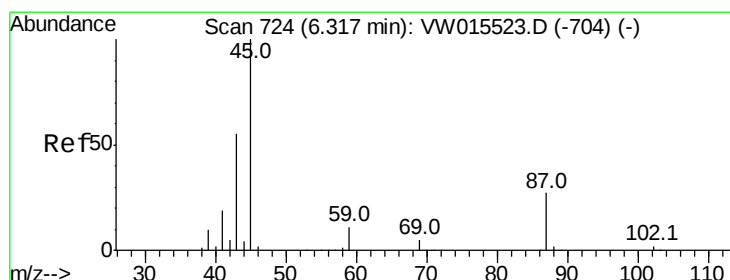
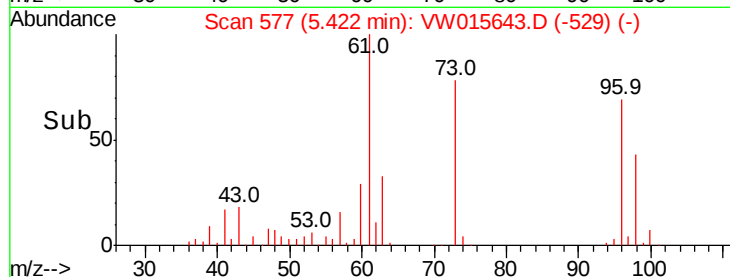
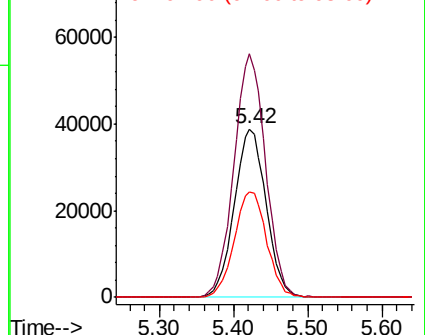
96 100

61 144.4 114.3 171.5

98 62.9 51.0 76.4



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



#22

Diisopropyl ether

Concen: 44.638 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Tgt Ion: 45 Resp: 326588

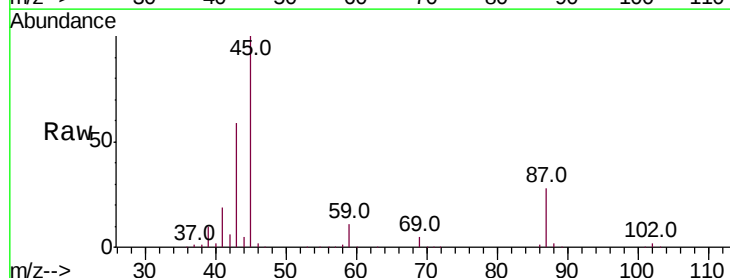
Ion Ratio Lower Upper

45 100

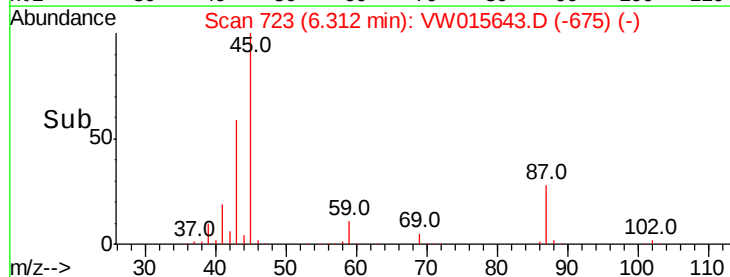
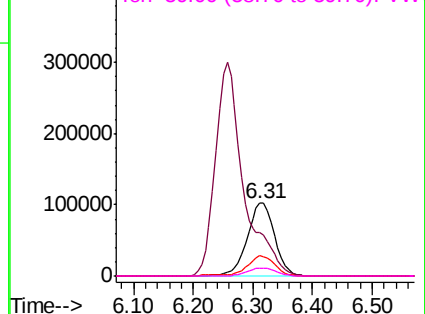
43 58.7 44.1 66.1

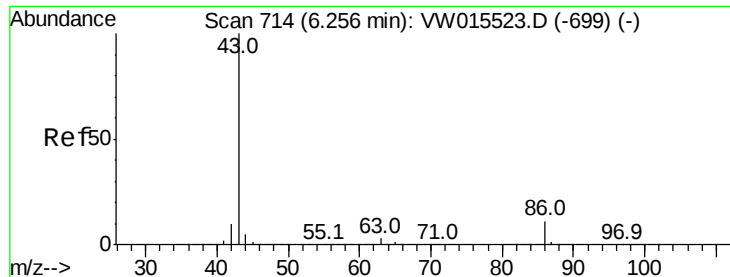
87 27.6 21.8 32.8

59 11.1 9.0 13.6



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: 227.284 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

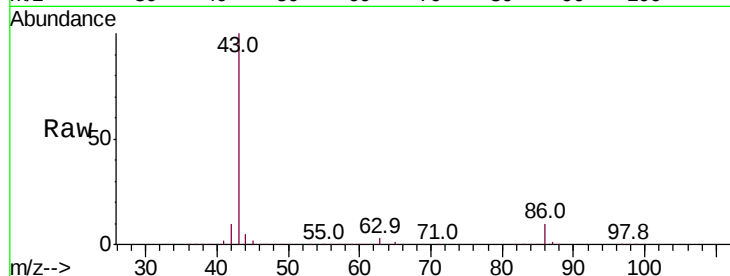
VSTDCCC050

Tot Ion: 43 Resp: 985943

Ion Ratio Lower Upper

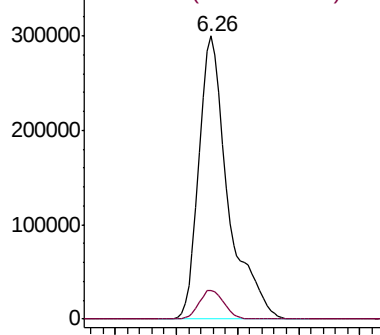
43 100

86 10.3 8.6 12.8

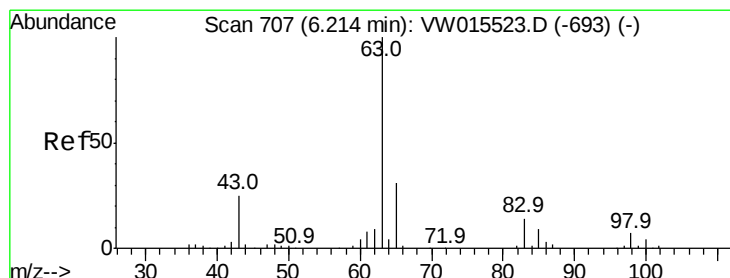
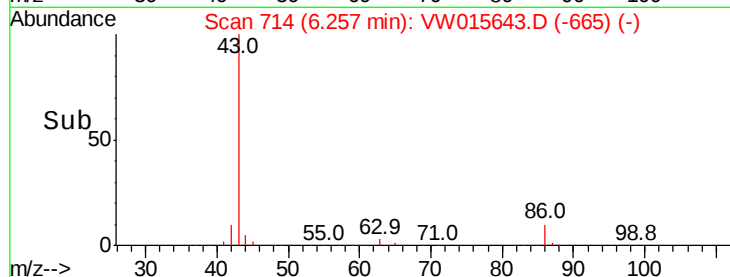


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 44.194 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

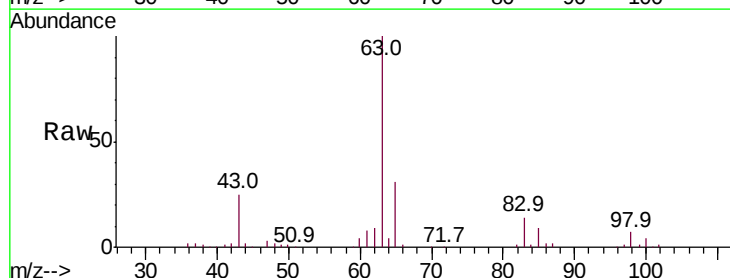
Tgt Ion: 63 Resp: 203729

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

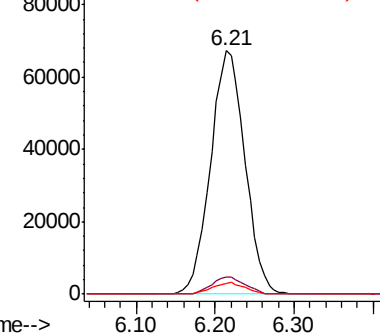
100 4.2 2.2 6.6



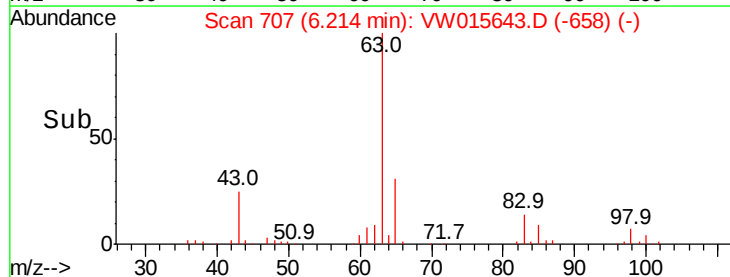
Abundance Ion 62.90 (62.60 to 63.60): VW

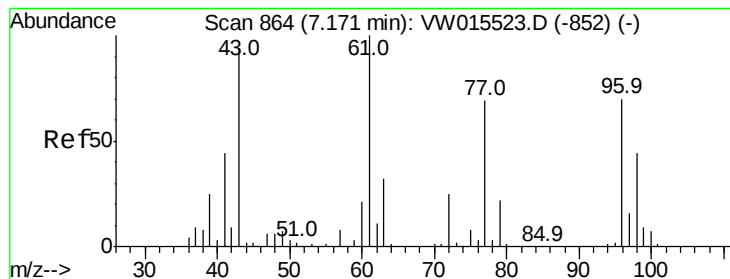
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 240.192 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

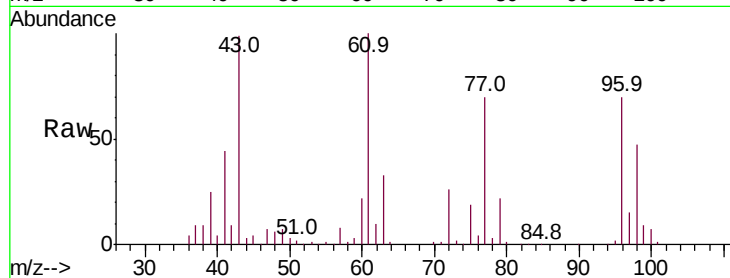
VSTDCCC050

Tot Ion: 43 Resp: 160412

Ion Ratio Lower Upper

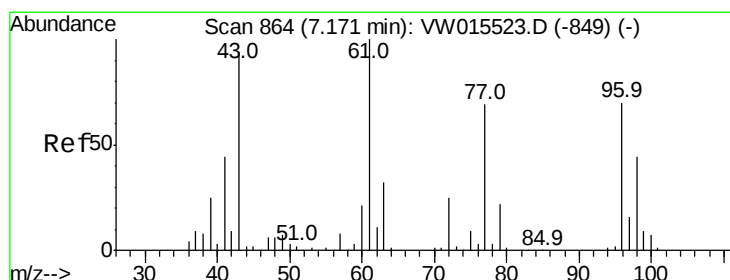
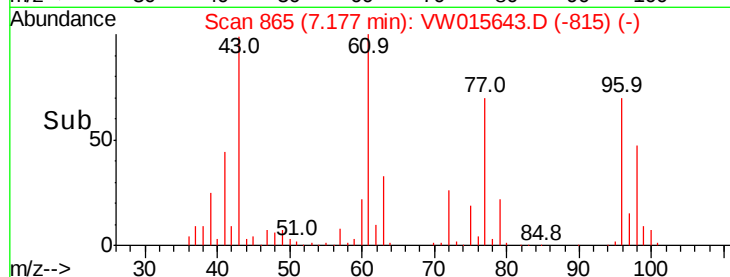
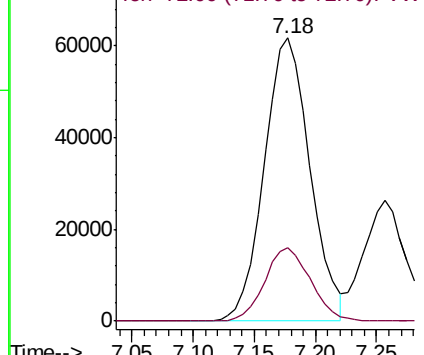
43 100

72 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 43.594 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015643.D

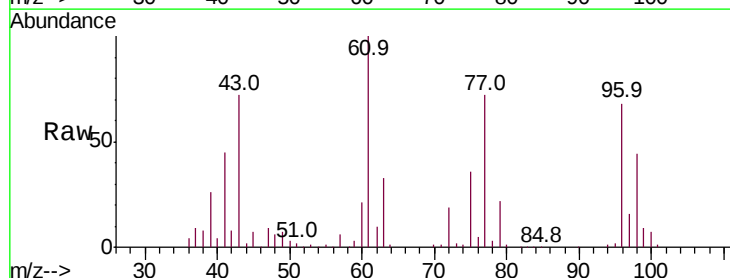
Acq: 22 Jun 2020 11:39

Tgt Ion: 77 Resp: 141148

Ion Ratio Lower Upper

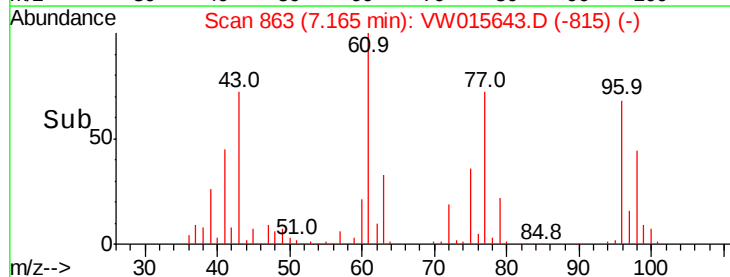
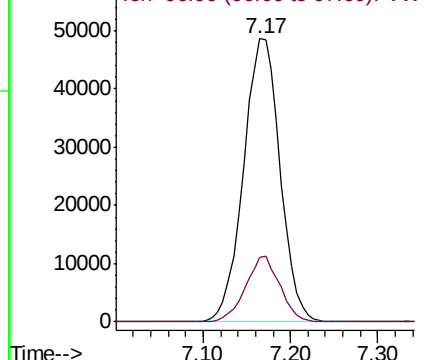
77 100

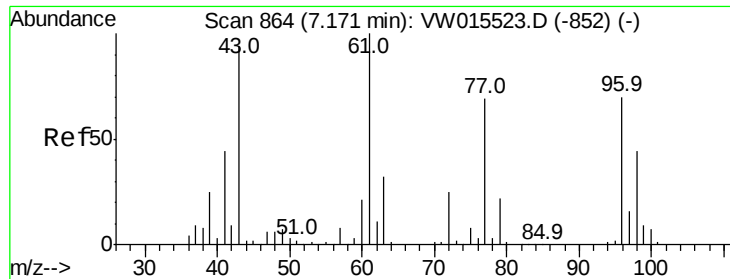
97 21.7 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



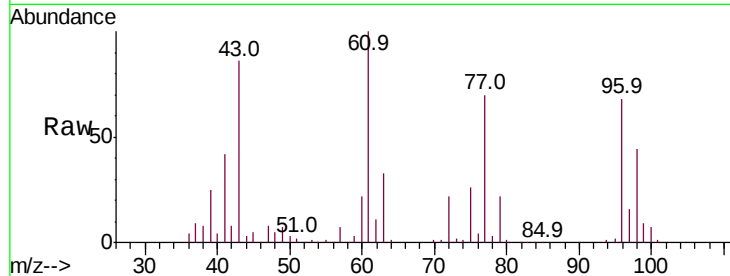


#27

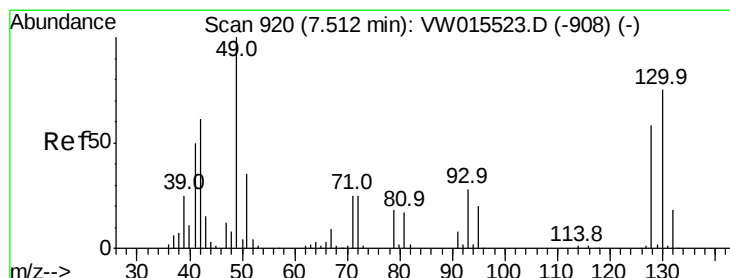
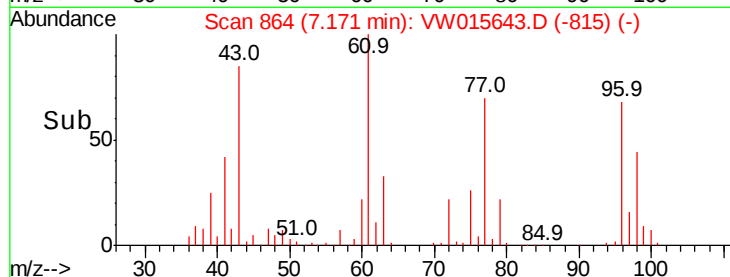
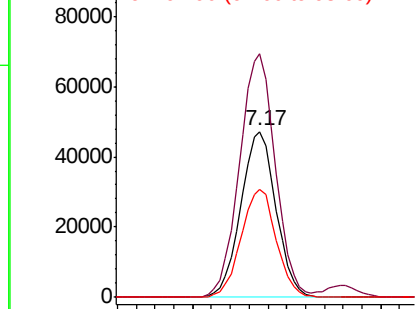
cis-1,2-Dichloroethene
 Concen: 43.996 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	293.0
98	65.2	0.0	127.2



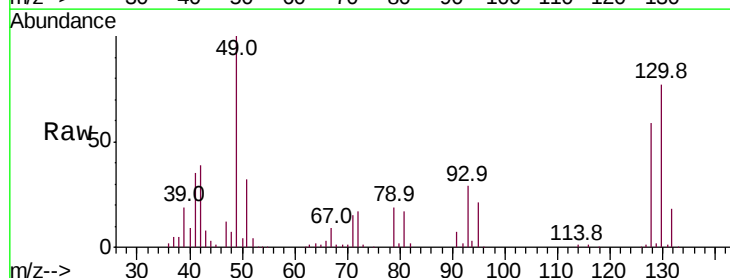
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



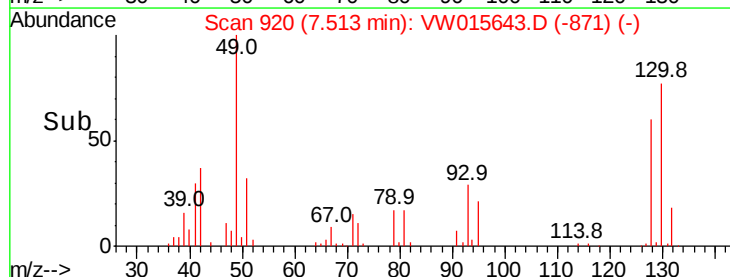
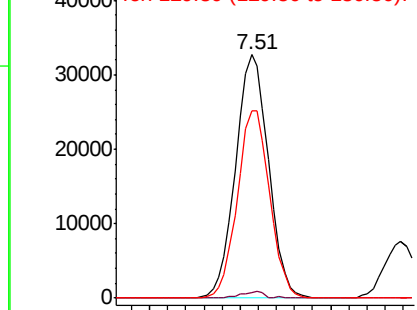
#28

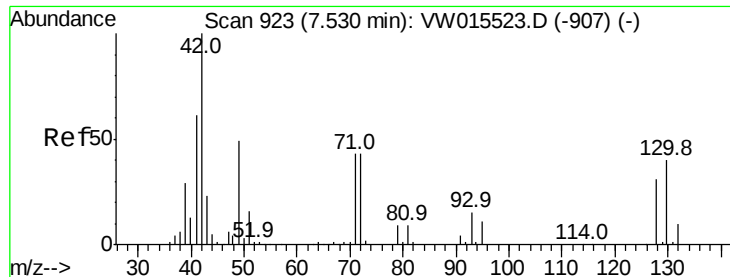
Bromochloromethane
 Concen: 47.566 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.0
130	75.8	59.7	89.5



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

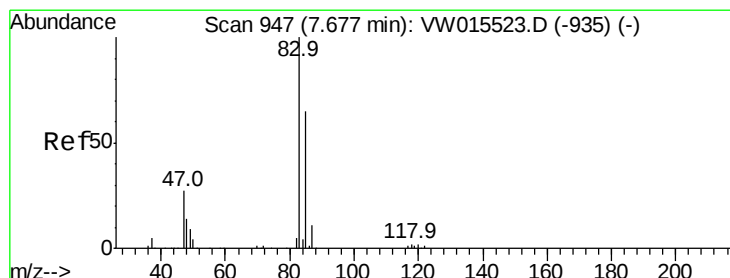
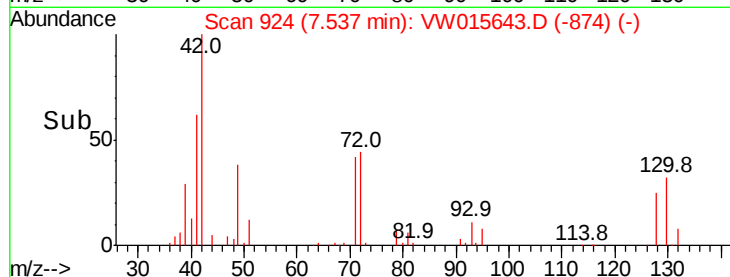
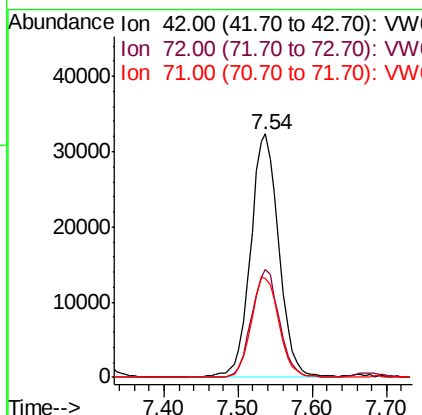
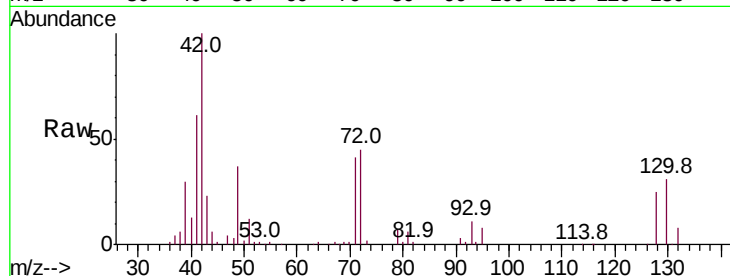




#29
Tetrahydrofuran
Concen: 217.547 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

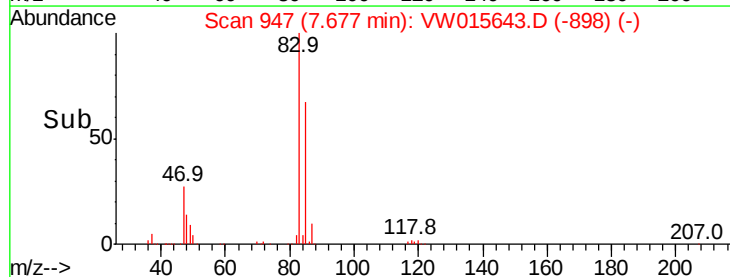
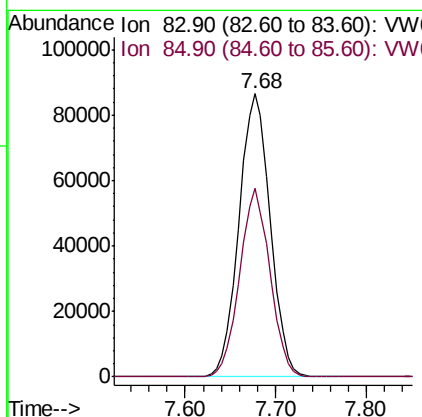
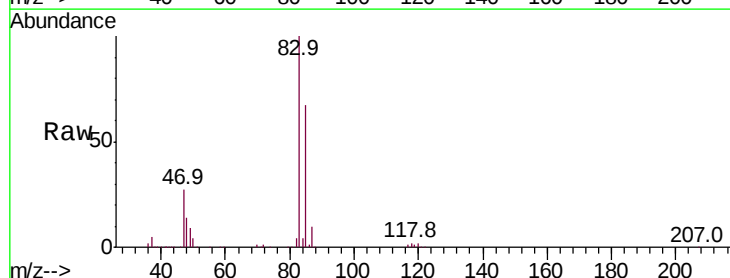
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

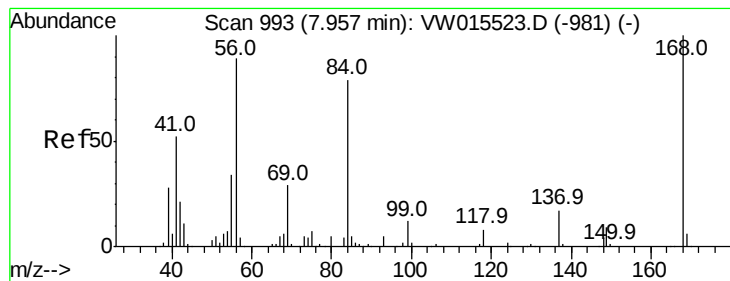
Tot Ion: 42 Resp: 86136
Ion Ratio Lower Upper
42 100
72 43.3 34.8 52.2
71 40.7 33.3 49.9



#30
Chloroform
Concen: 44.560 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 83 Resp: 206212
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.4

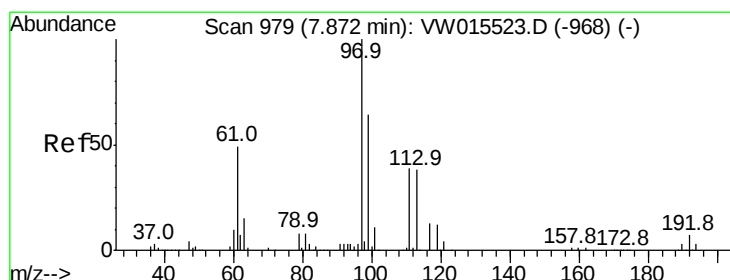
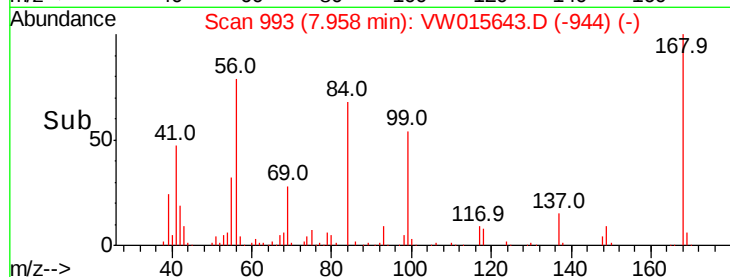
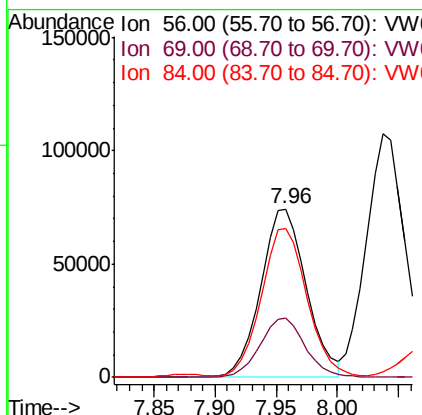
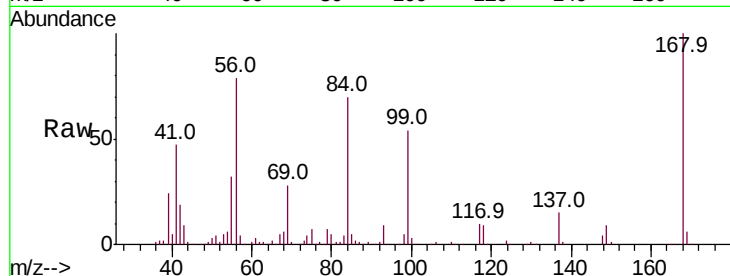




#31
Cyclohexane
Concen: 42.811 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

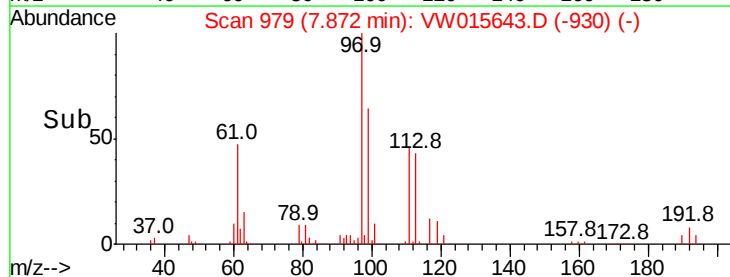
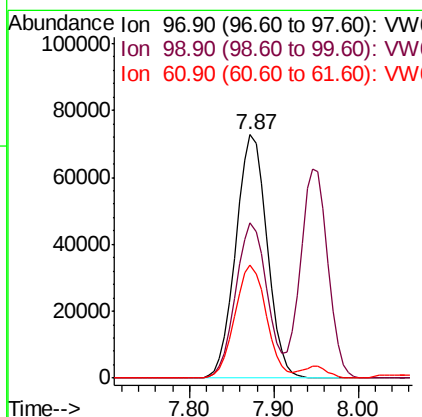
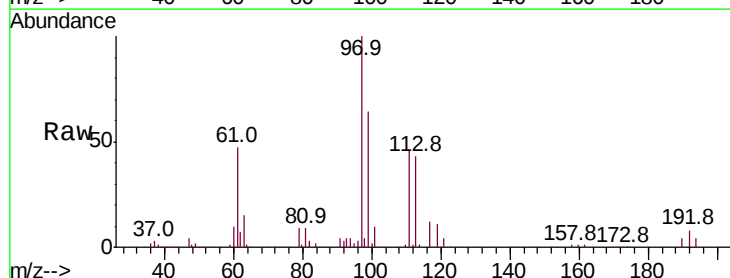
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

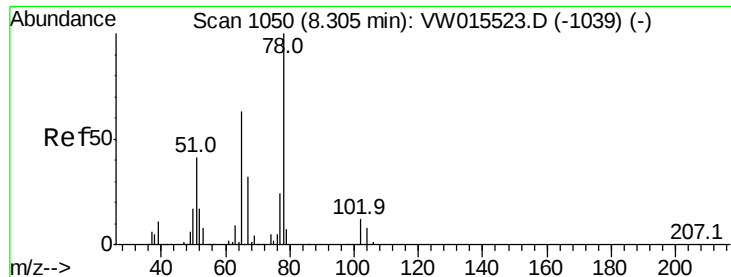
Tot Ion:	56	Resp:	192728
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.3	39.5
84	86.9	71.0	106.4



#32
1,1,1-Trichloroethane
Concen: 45.633 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:	97	Resp:	182395
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	46.8	37.8	56.8

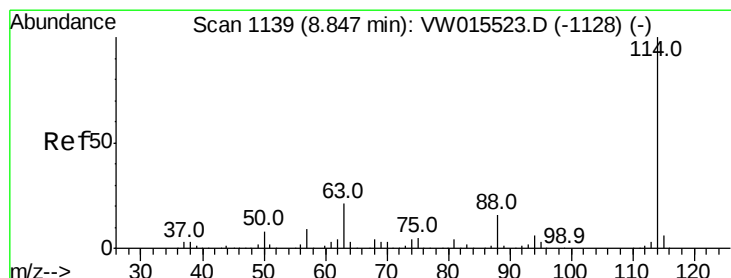
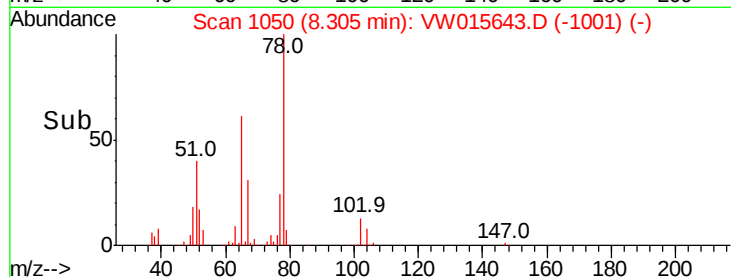
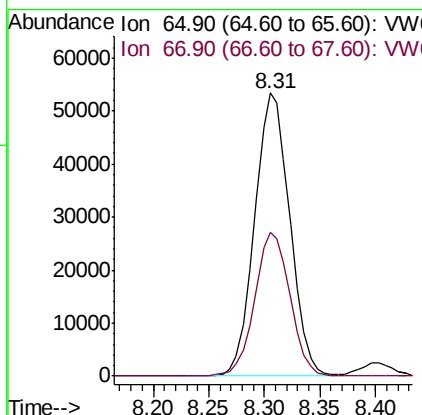
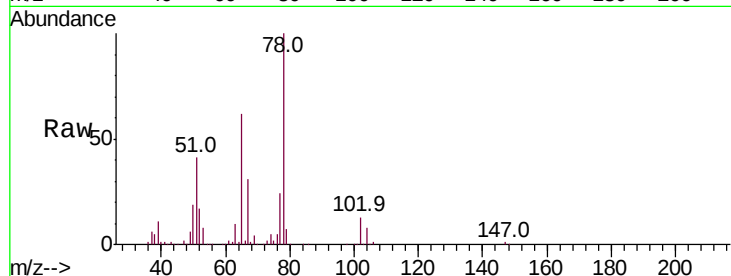




#33
 1,2-Dichloroethane-d4
 Concen: 47.169 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

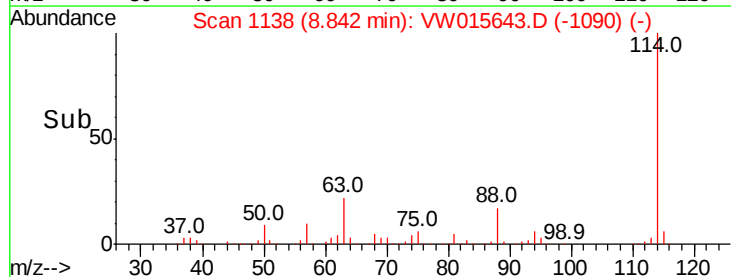
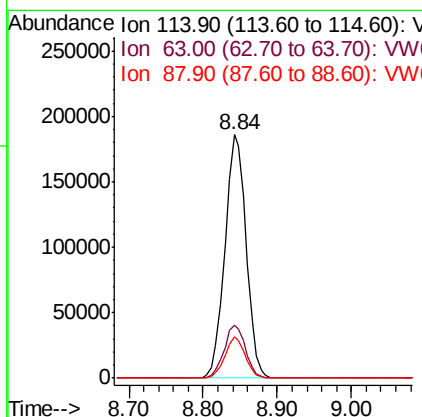
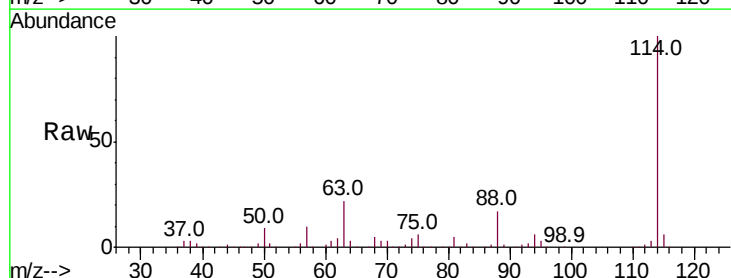
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

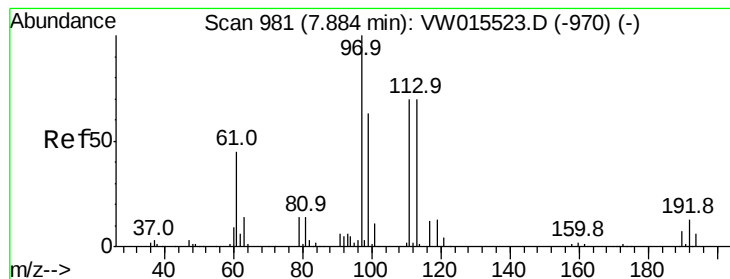
Tot Ion: 65 Resp: 117381
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion: 114 Resp: 369250
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.0
 88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.444 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

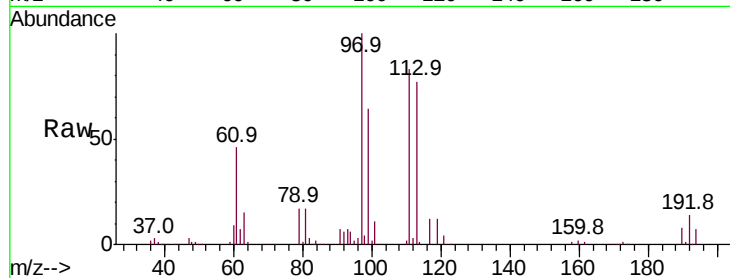
Tot Ion:113 Resp: 105433

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

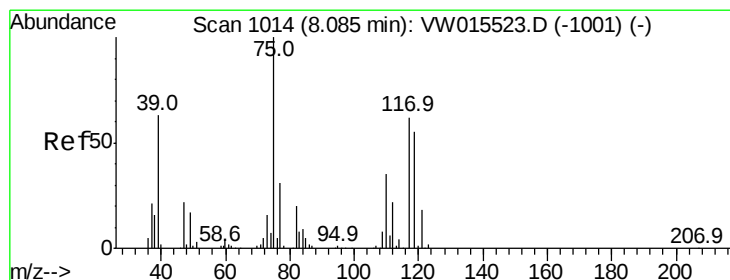
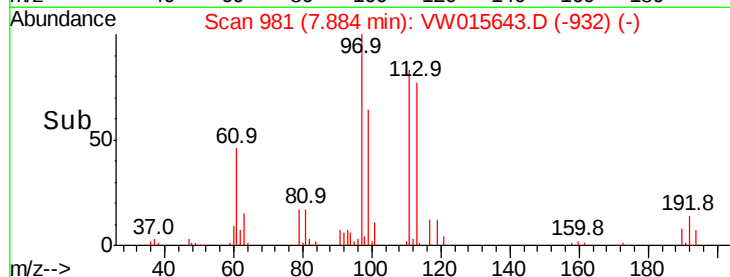
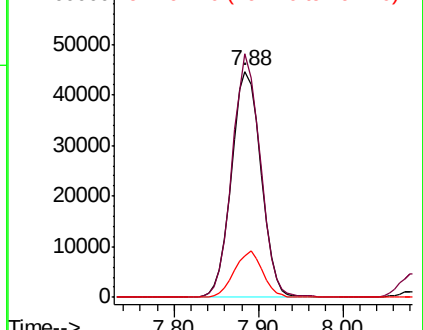
192 19.8 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.938 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

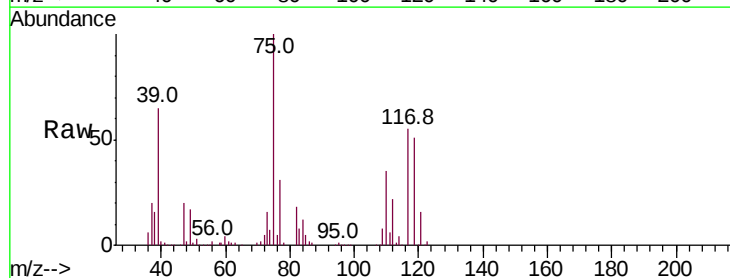
Tgt Ion: 75 Resp: 171626

Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.6

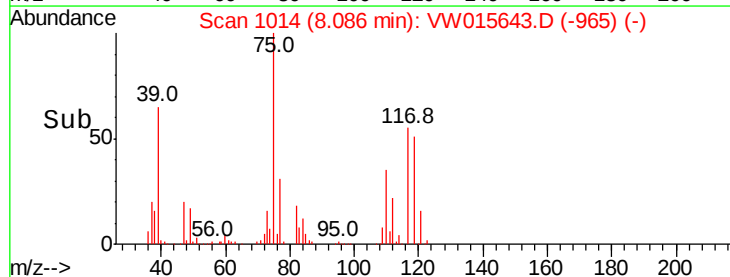
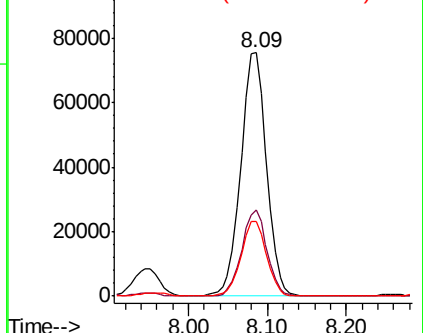
77 30.7 25.0 37.4

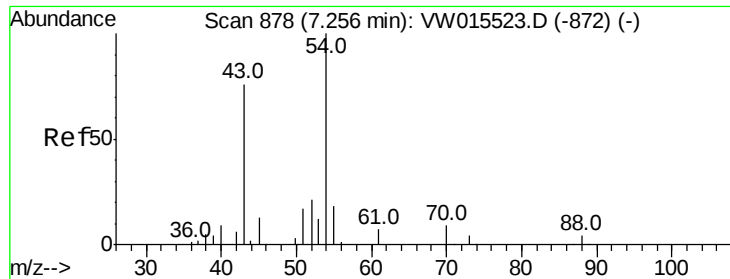


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

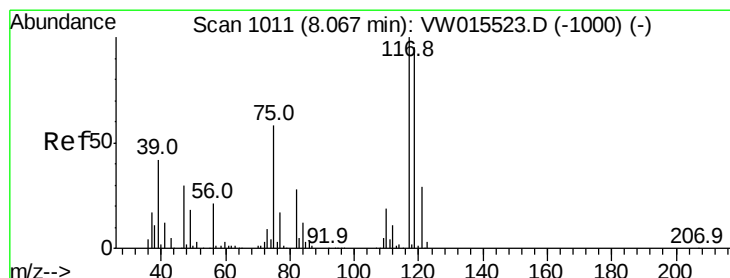
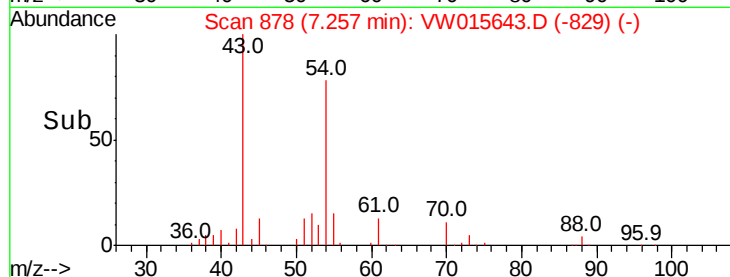
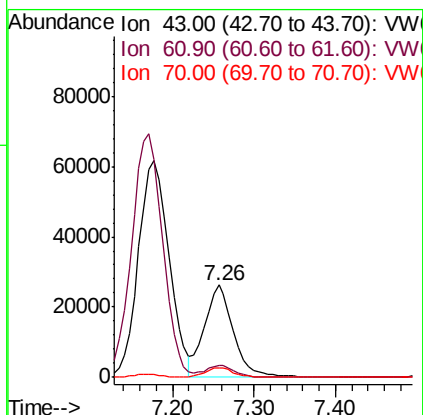
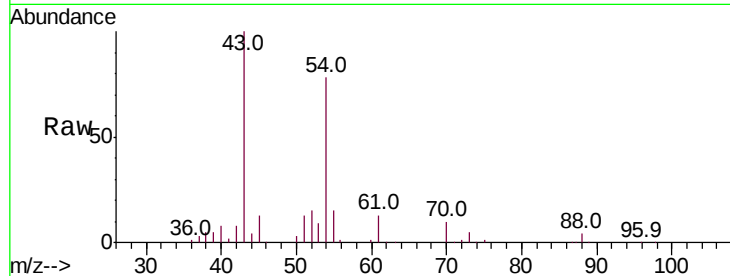




#37
Ethyl Acetate
Concen: 44.793 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

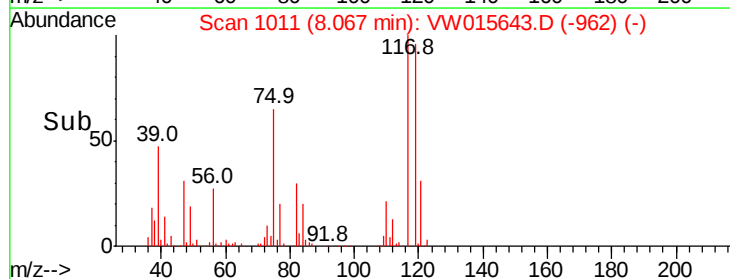
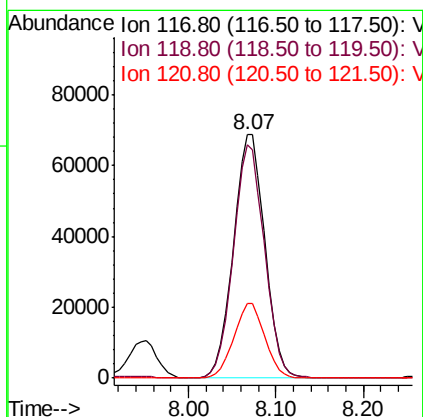
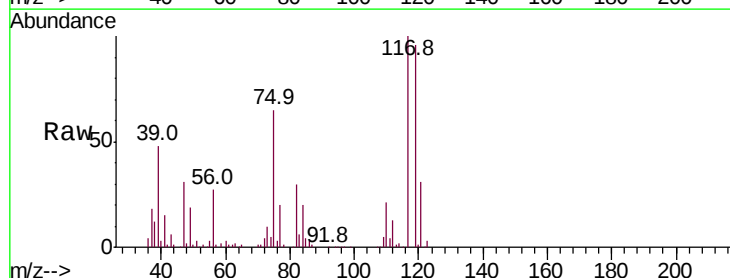
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

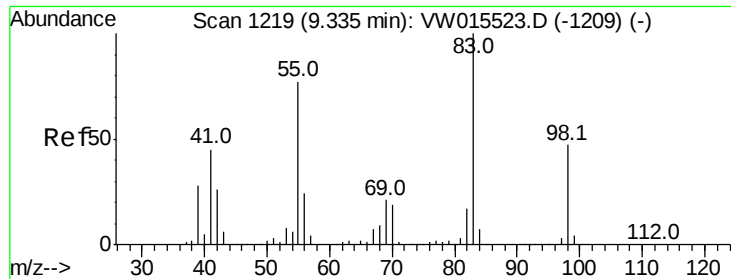
Tot Ion: 43 Resp: 64948
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.781 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 117 Resp: 171119
Ion Ratio Lower Upper
117 100
119 95.7 75.9 113.9
121 30.6 23.5 35.3

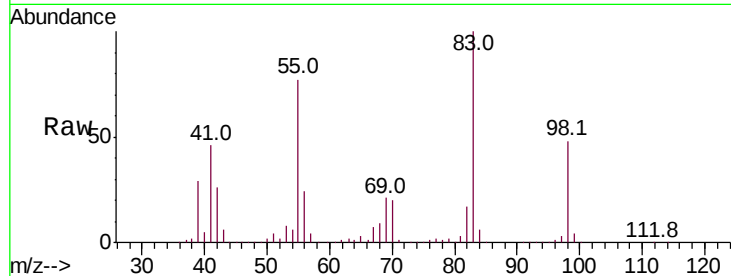




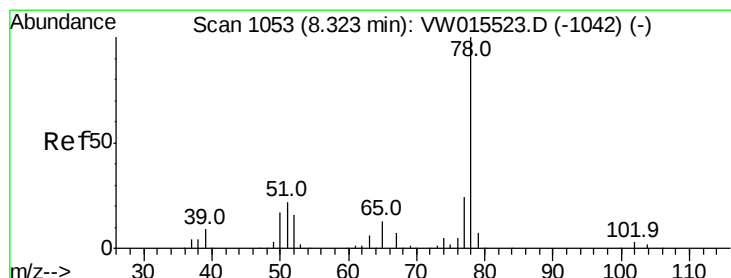
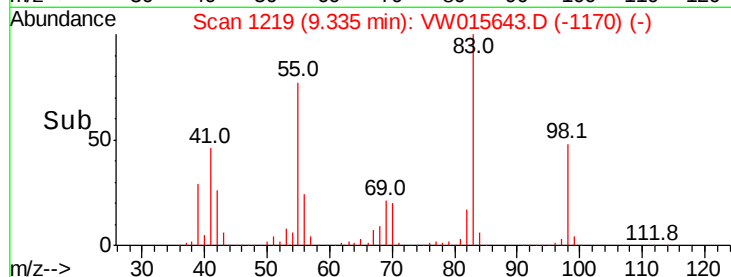
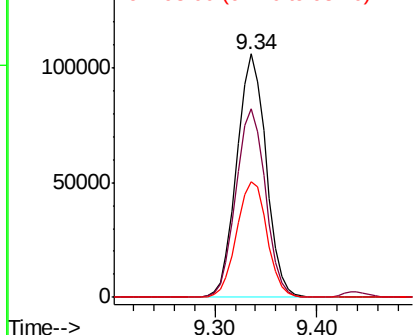
#39
Methvlcvclohexane
Concen: 45.917 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 211556
Ion Ratio Lower Upper
83 100
55 77.5 61.7 92.5
98 47.7 37.7 56.5

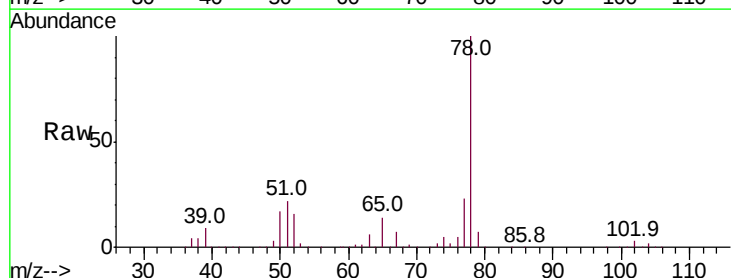


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

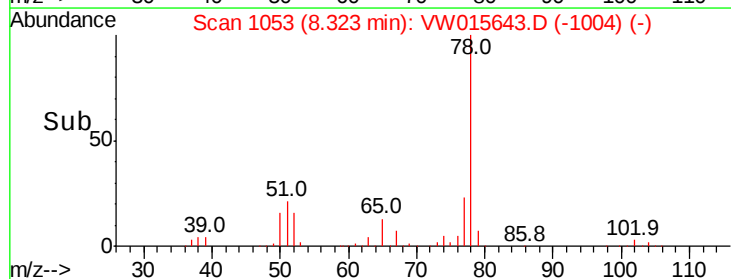
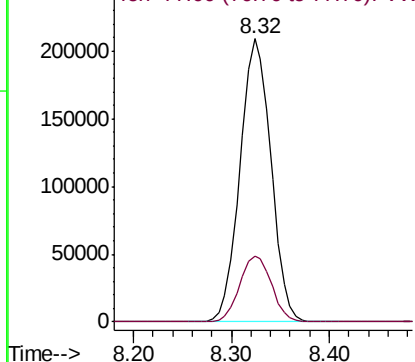


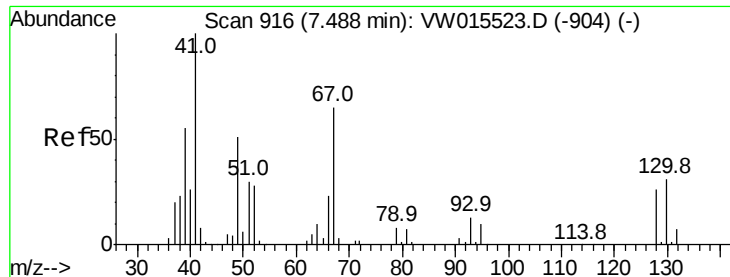
#40
Benzene
Concen: 45.577 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 78 Resp: 459497
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

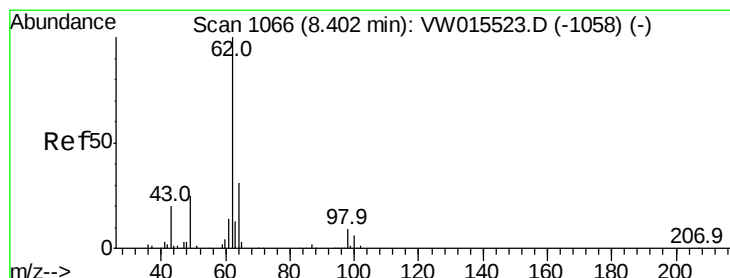
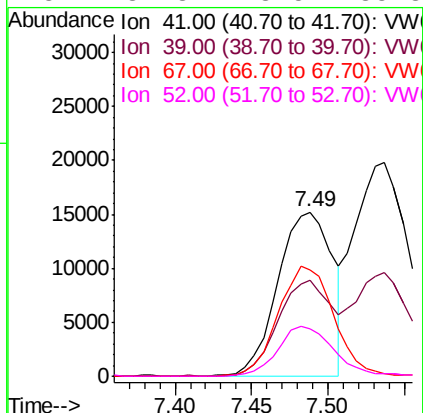
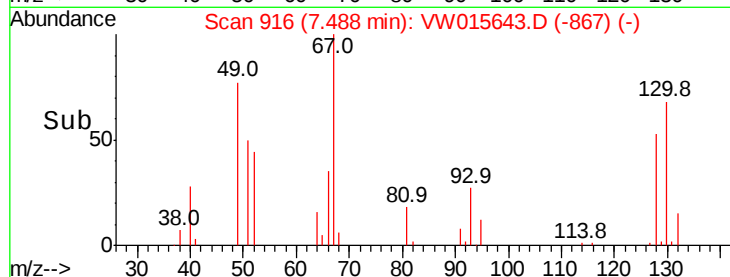
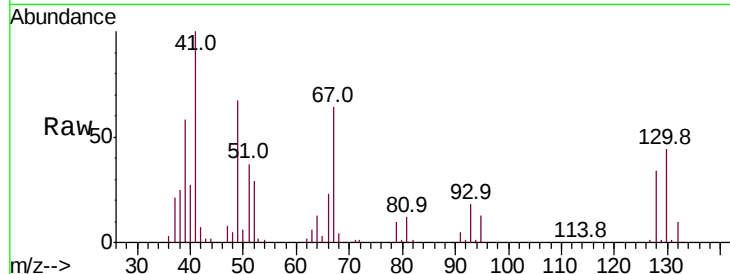




#41
Methacrylonitrile
Concen: 45.467 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

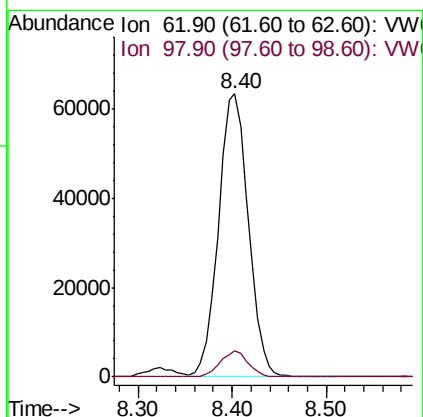
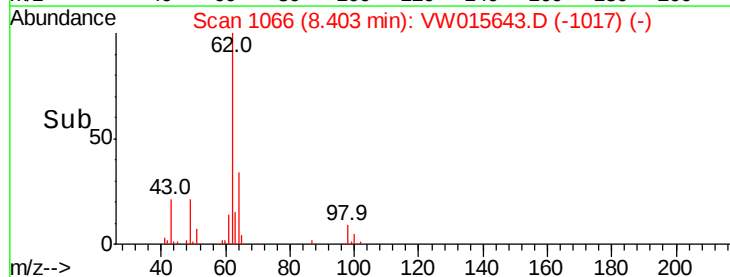
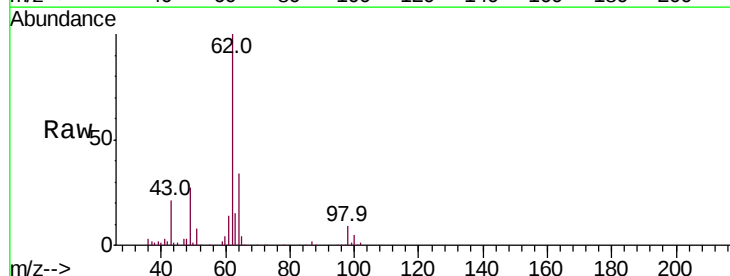
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

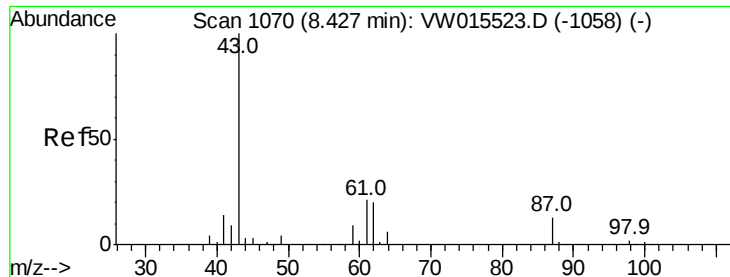
Tot Ion:	41	Resp:	37867
Ion	Ratio	Lower	Upper
41	100		
39	57.7	44.5	66.7
67	68.2	53.1	79.7
52	31.3	23.5	35.3



#42
1,2-Dichloroethane
Concen: 45.185 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:	62	Resp:	139038
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 44.992 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

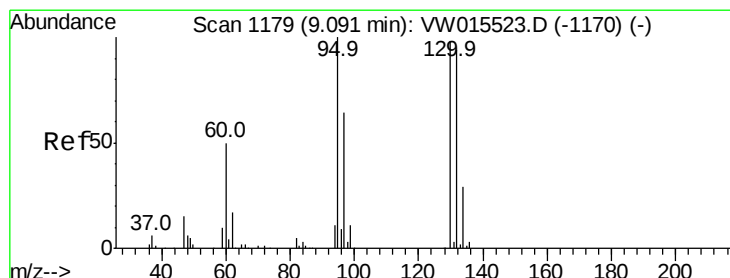
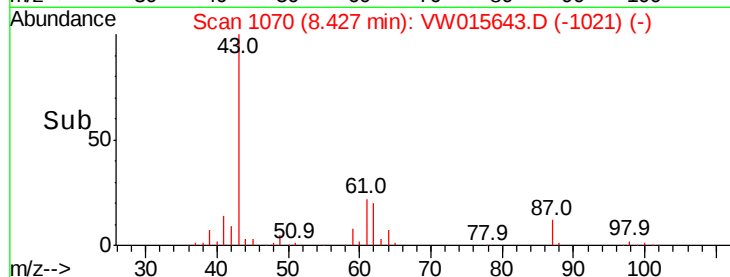
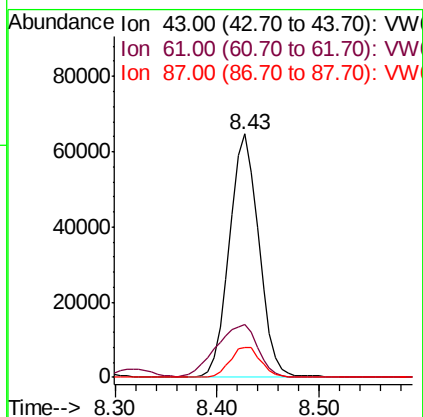
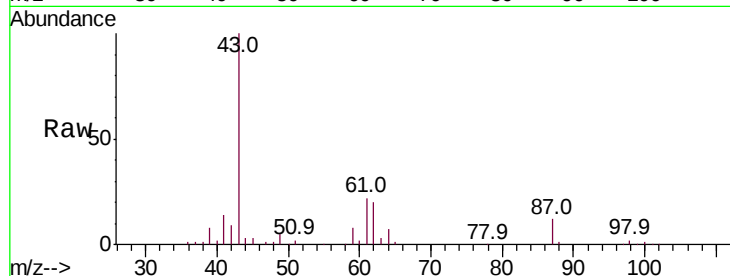
Tot Ion: 43 Resp: 129600

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.8

87 12.9 10.1 15.1



#44

Trichloroethene

Concen: 46.336 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015643.D

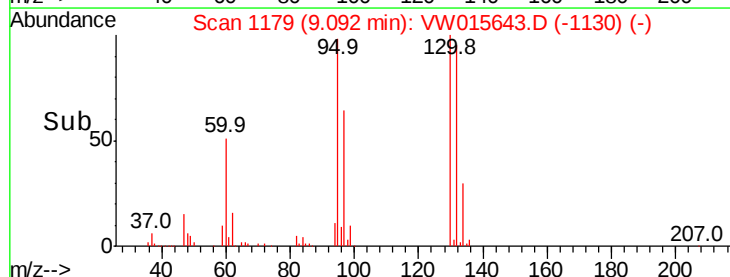
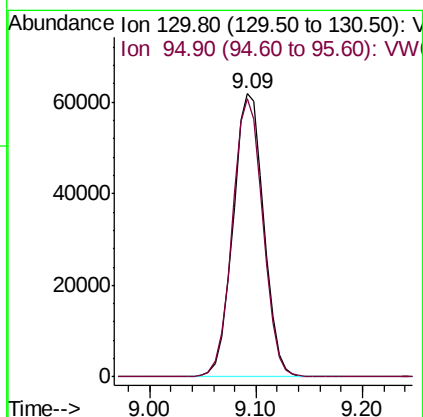
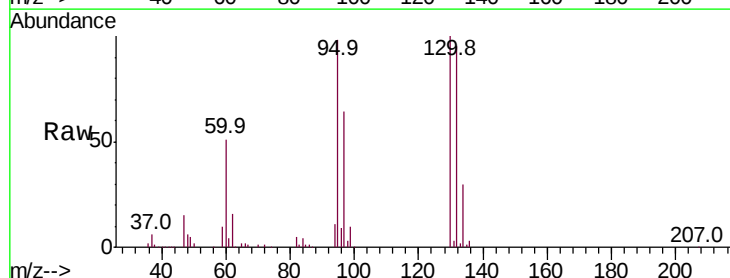
Acq: 22 Jun 2020 11:39

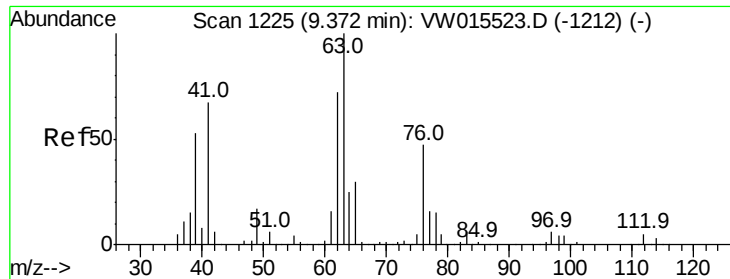
Tgt Ion:130 Resp: 124656

Ion Ratio Lower Upper

130 100

95 98.2 0.0 204.0

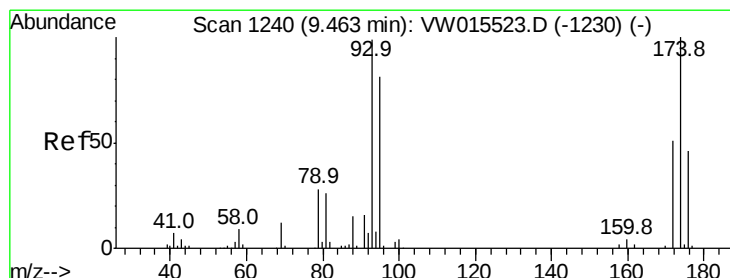
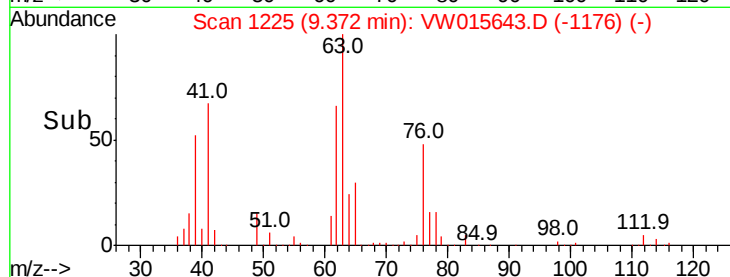
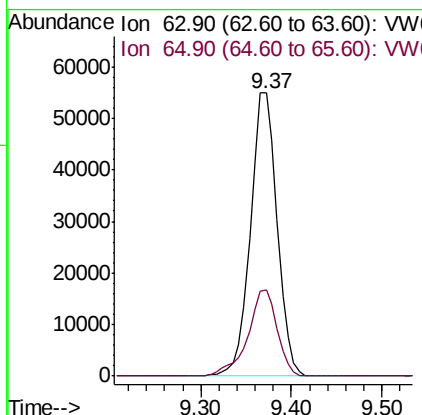
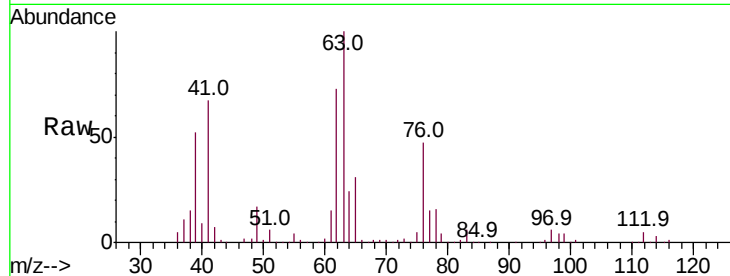




#45
 1,2-Dichloropropane
 Concen: 45.478 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

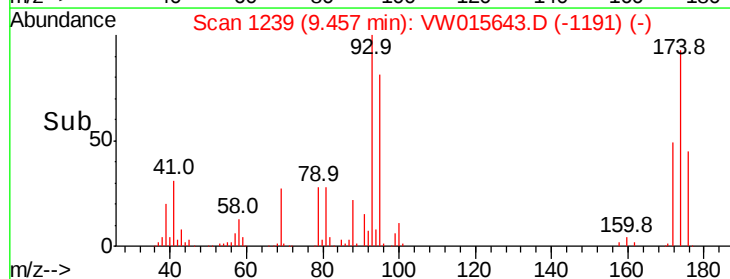
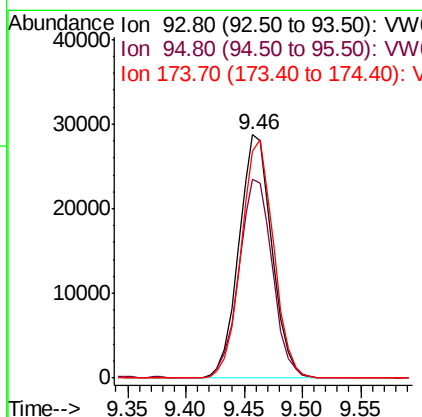
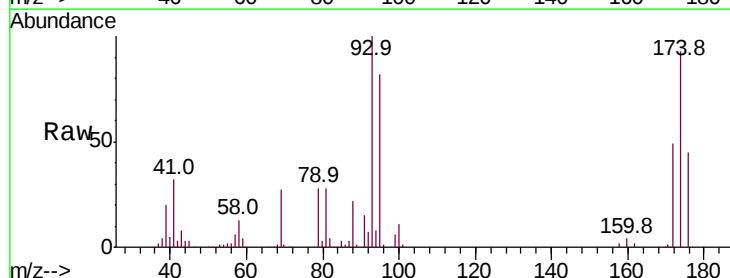
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

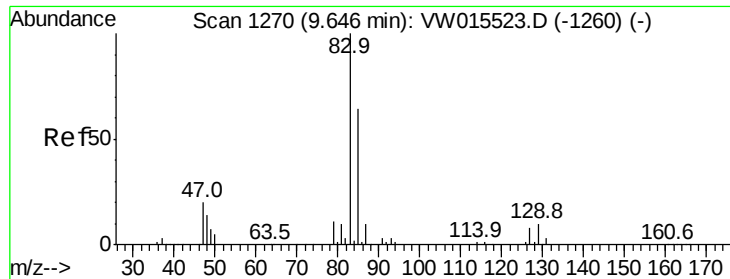
Tot Ion: 63 Resp: 111846
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.0 36.0



#46
 Dibromomethane
 Concen: 45.113 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion: 93 Resp: 56639
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.1 97.7
 174 96.4 78.6 118.0

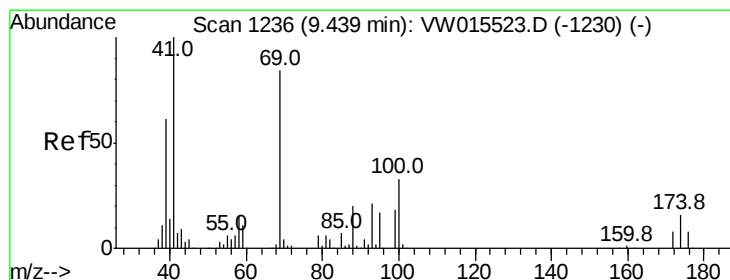
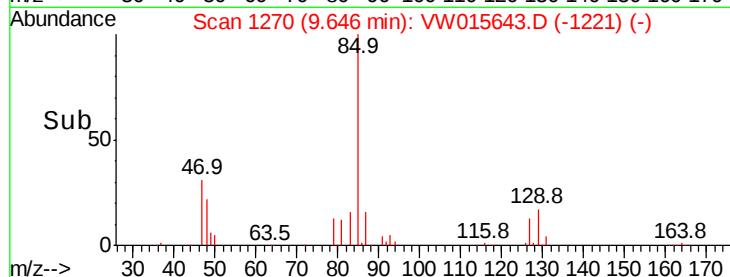
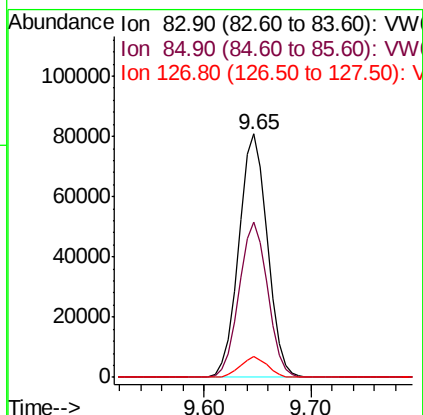
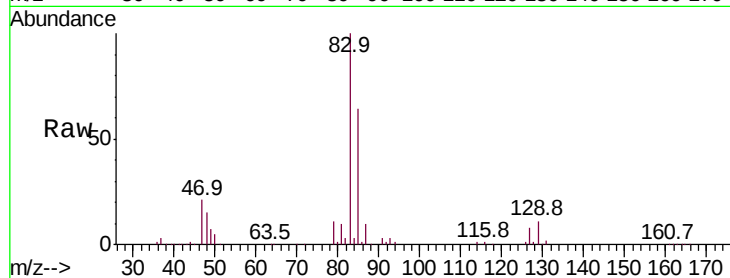




#47
Bromodichloromethane
Concen: 44.856 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

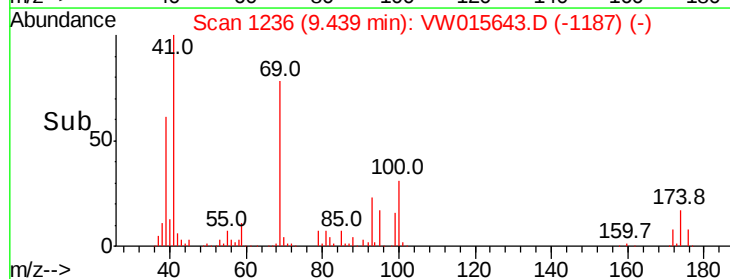
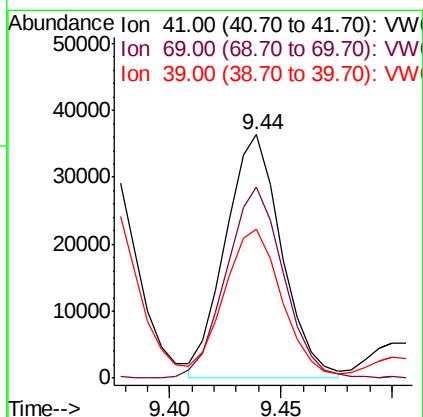
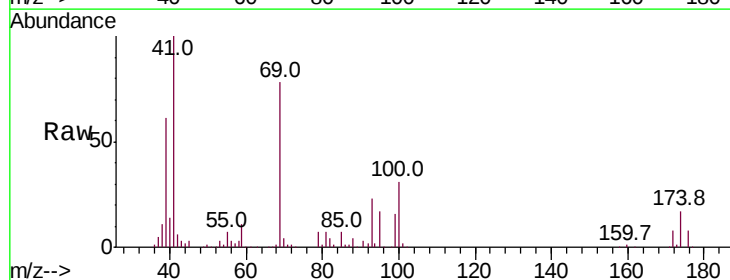
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

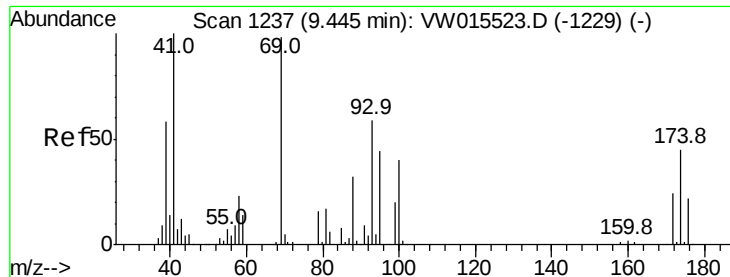
Tot Ion: 83 Resp: 152392
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 48.348 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 41 Resp: 63658
Ion Ratio Lower Upper
41 100
69 80.5 67.8 101.8
39 58.7 50.2 75.2





#49

1,4-Dioxane

Concen: 729.467 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

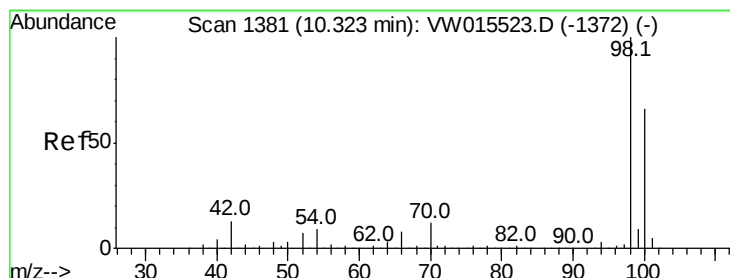
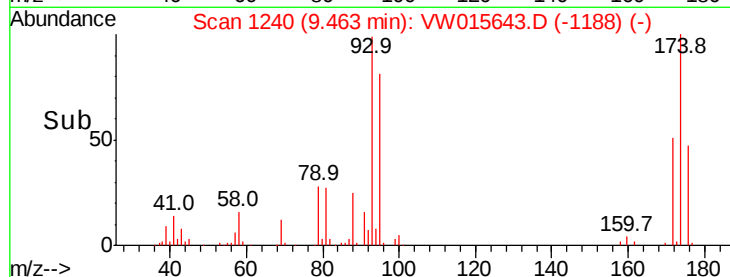
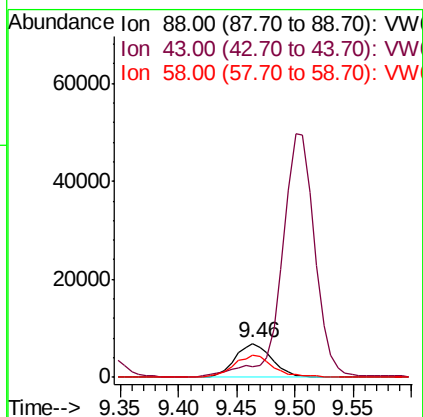
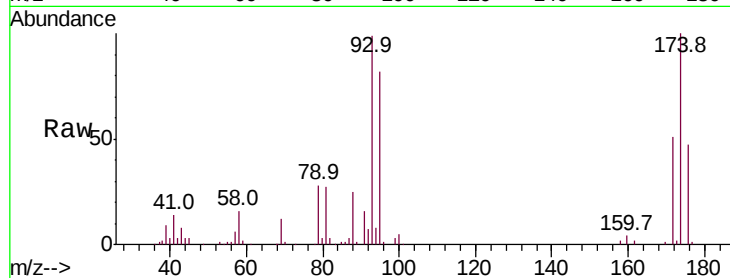
Tot Ion: 88 Resp: 15295

Ion Ratio Lower Upper

88 100

43 0.0 27.9 41.9#

58 70.5 58.8 88.2



#50

Toluene-d8

Concen: 48.166 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015643.D

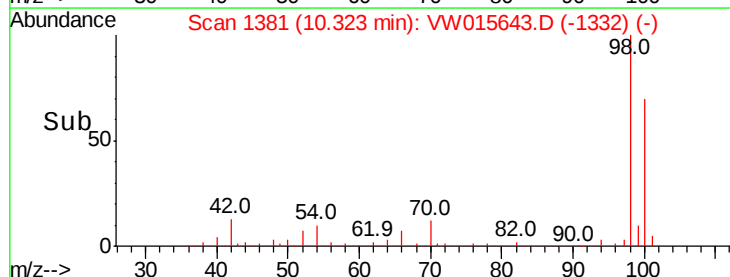
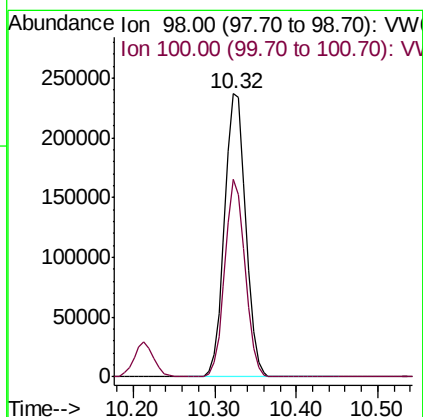
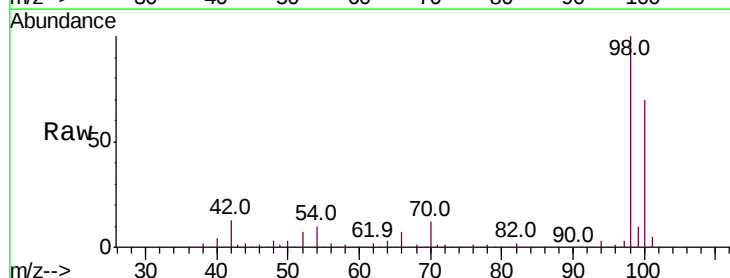
Acq: 22 Jun 2020 11:39

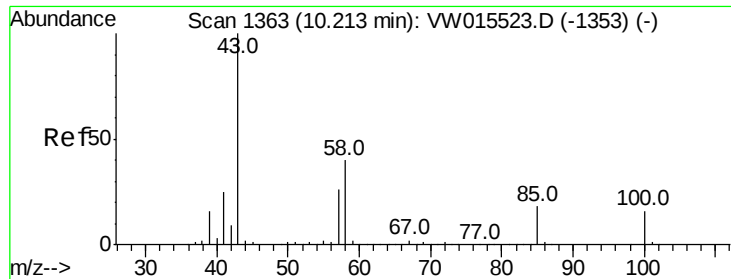
Tgt Ion: 98 Resp: 423891

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 229.430 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

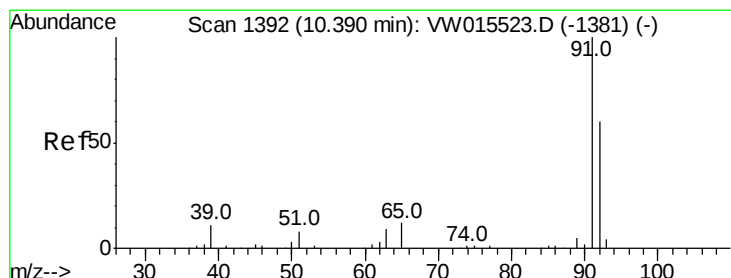
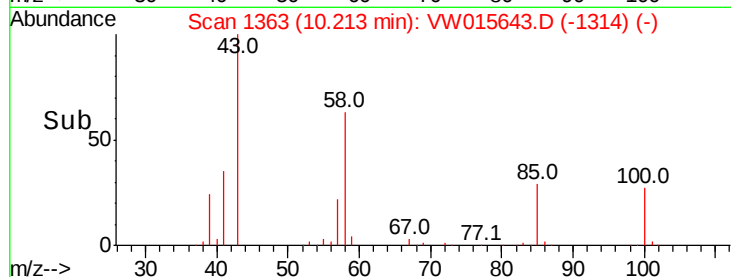
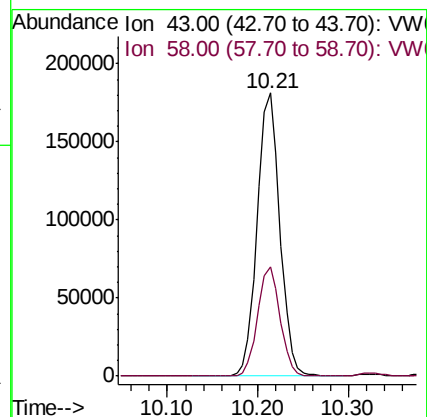
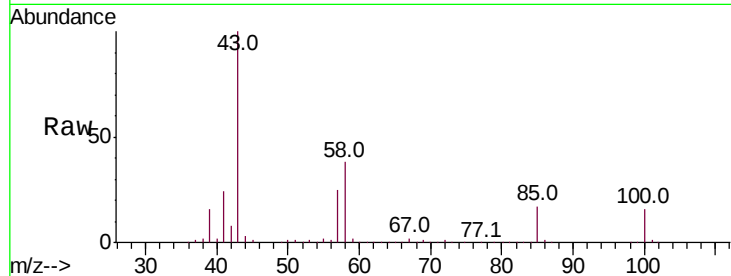
VSTDCCC050

Tot Ion: 43 Resp: 313990

Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.0



#52

Toluene

Concen: 45.997 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015643.D

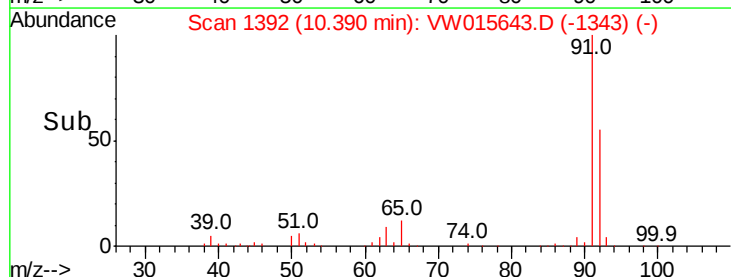
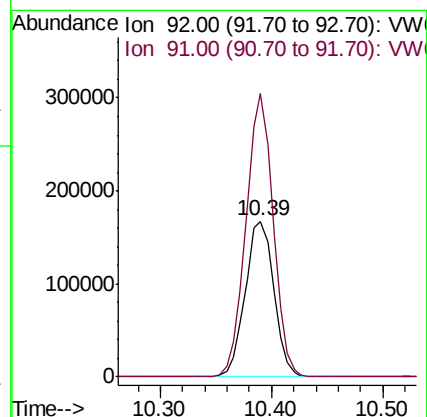
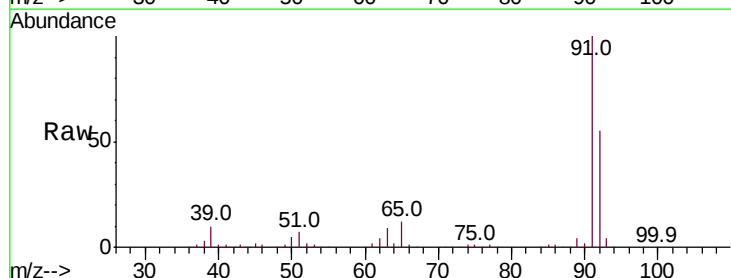
Acq: 22 Jun 2020 11:39

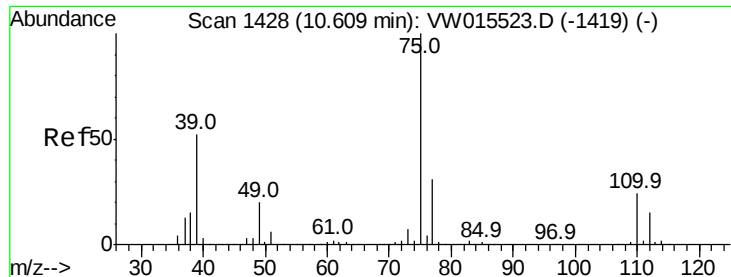
Tgt Ion: 92 Resp: 299126

Ion Ratio Lower Upper

92 100

91 172.8 136.5 204.7

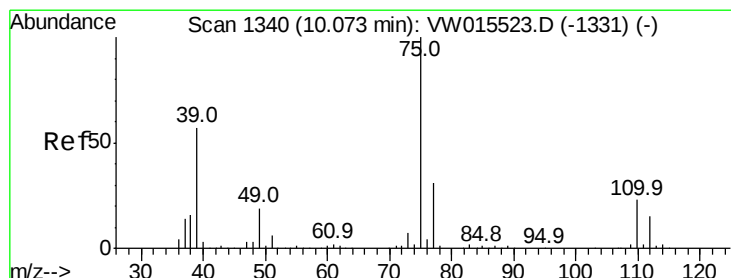
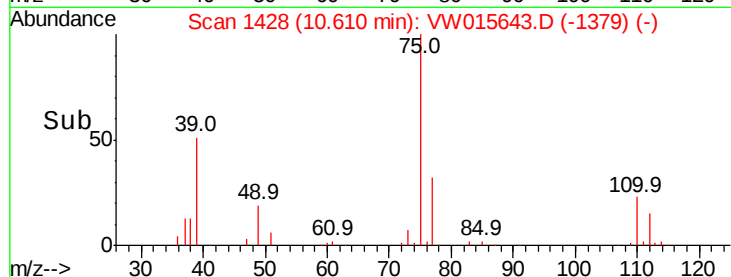
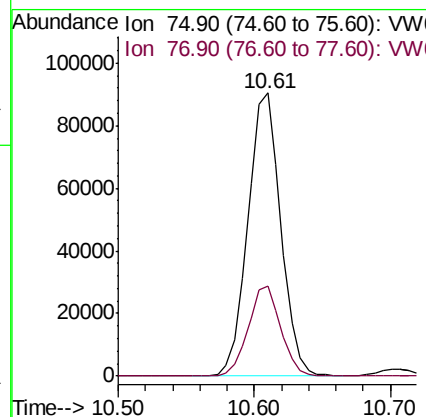
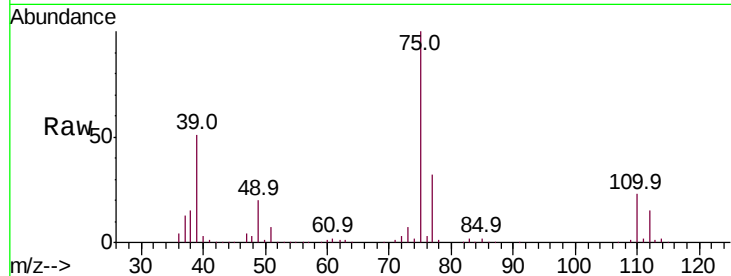




#53
 t-1,3-Dichloropropene
 Concen: 45.696 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

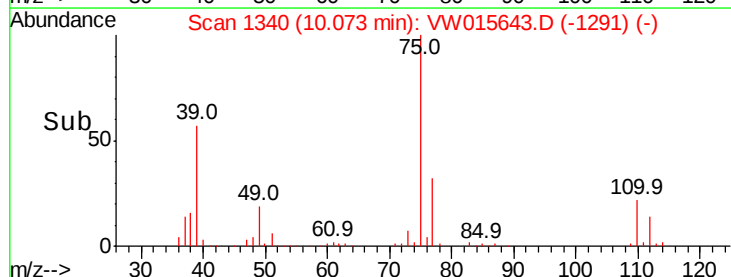
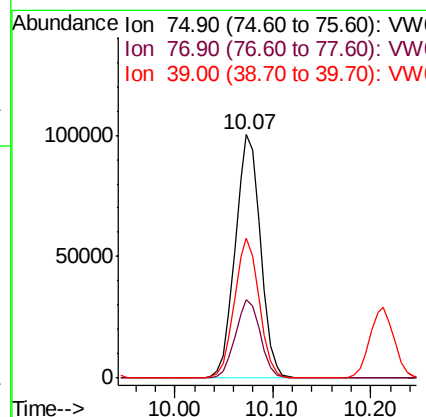
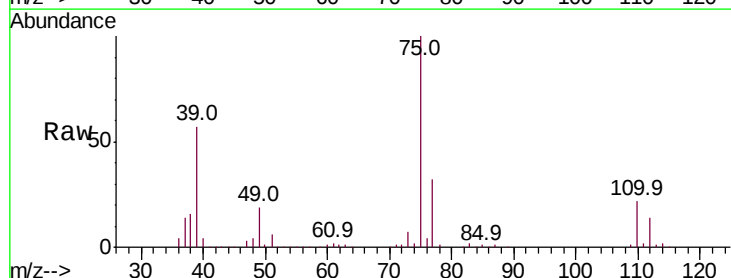
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

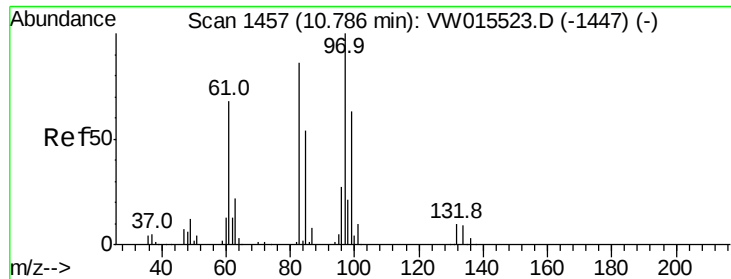
Tot Ion: 75 Resp: 153026
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.229 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion: 75 Resp: 178482
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3
 39 57.2 45.4 68.2

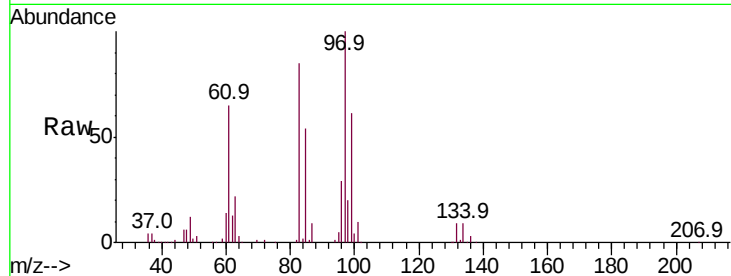




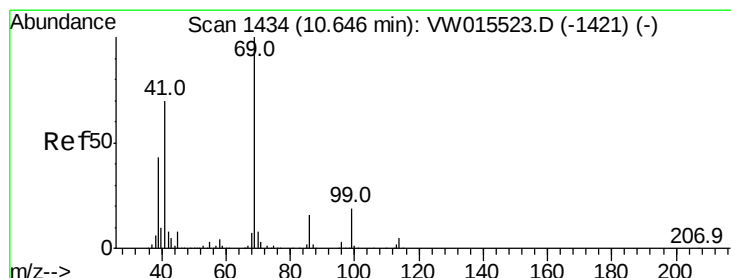
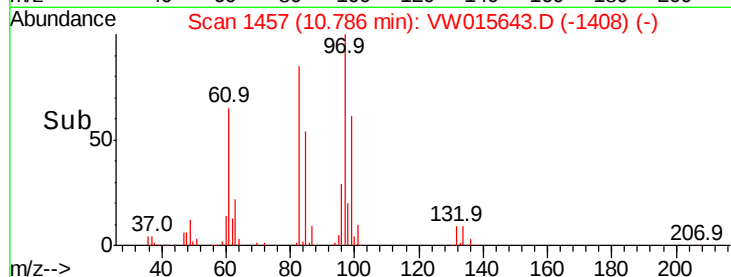
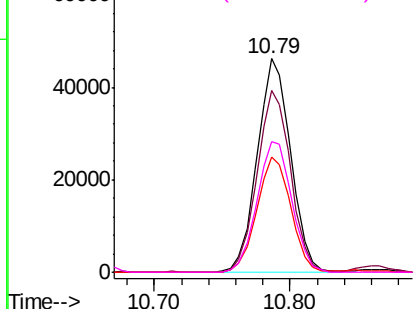
#55
 1,1,2-Trichloroethane
 Concen: 45.397 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	79560
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.6	102.8
85	54.1	43.2	64.8
99	61.2	50.5	75.7

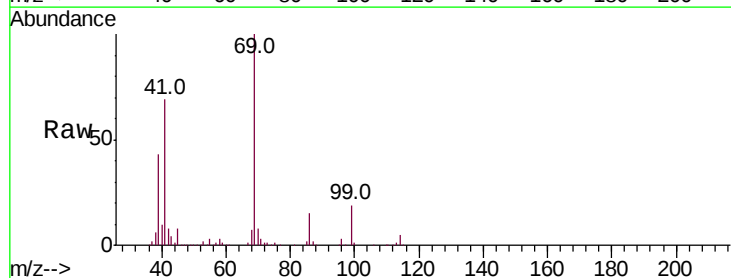


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

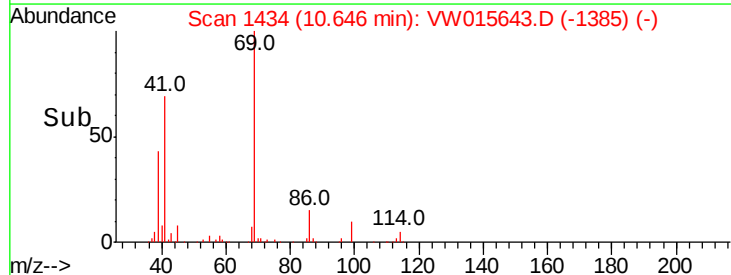
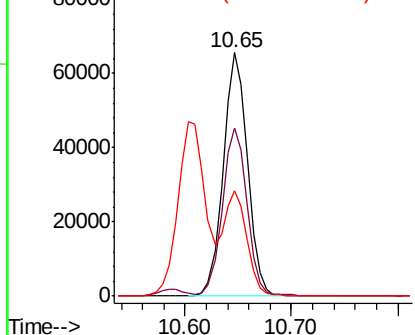


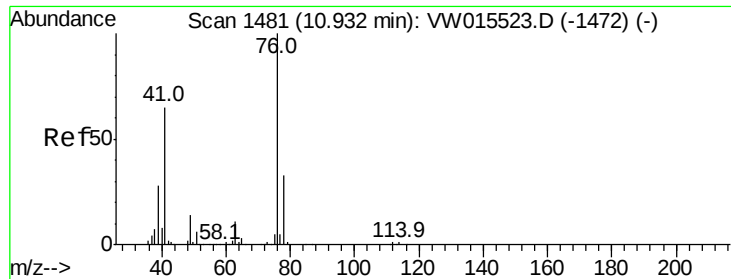
#56
 Ethyl methacrylate
 Concen: 45.776 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion:	69	Resp:	104349
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.2	84.4
39	41.4	33.3	49.9



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





#57

1,3-Dichloropropane

Concen: 45.554 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

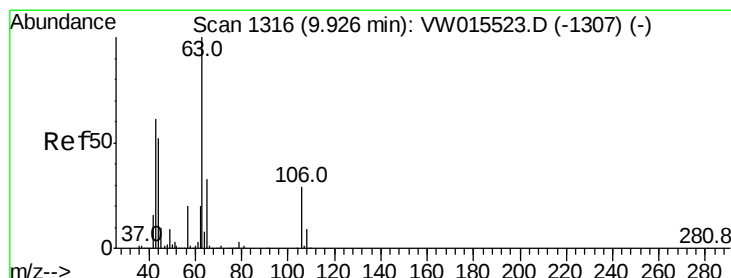
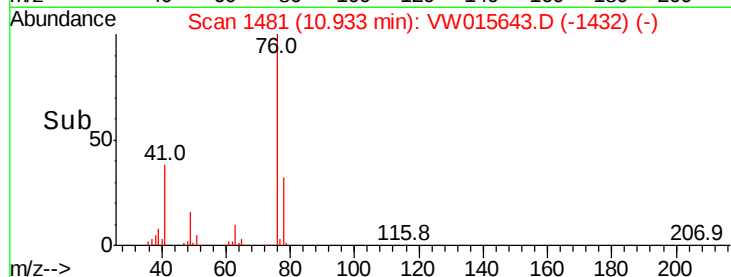
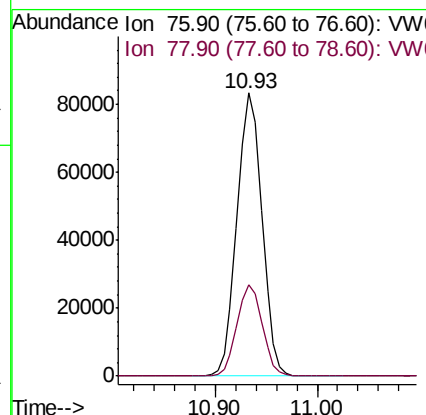
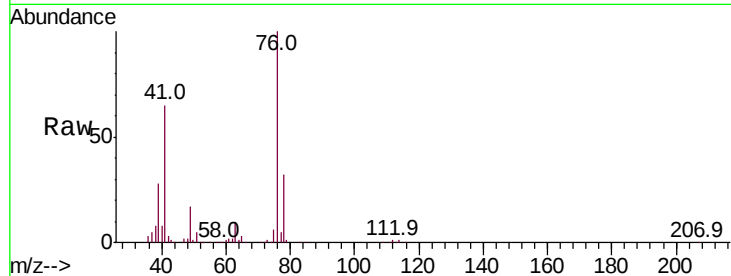
Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 141372

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1



#58

2-Chloroethyl Vinyl ether

Concen: 261.536 ug/l

RT: 9.93 min Scan# 1316

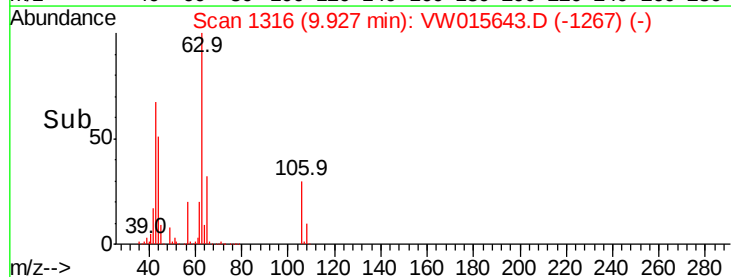
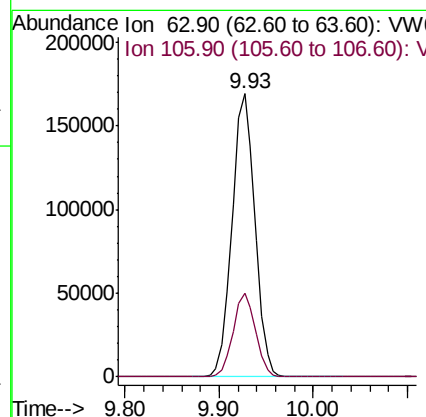
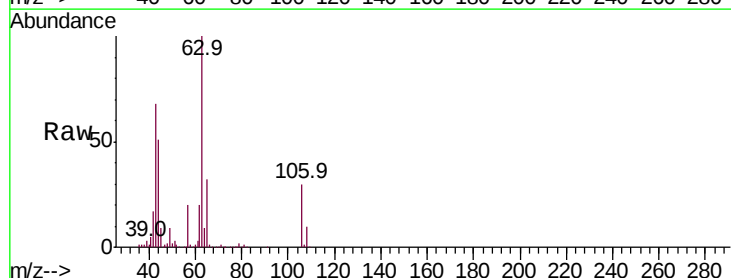
Delta R.T. 0.00 min

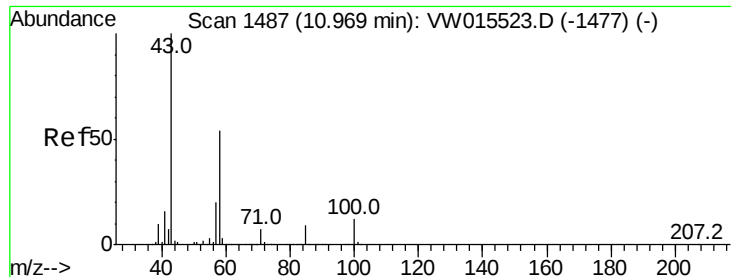
Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Tgt Ion: 63 Resp: 285060

Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.9	34.3





#59

2-Hexanone

Concen: 241.524 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

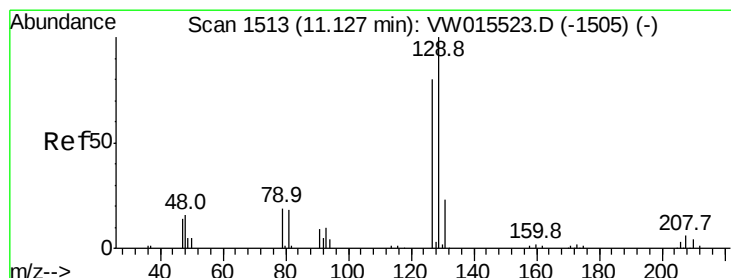
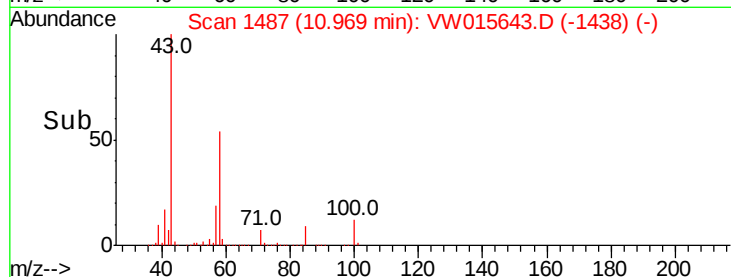
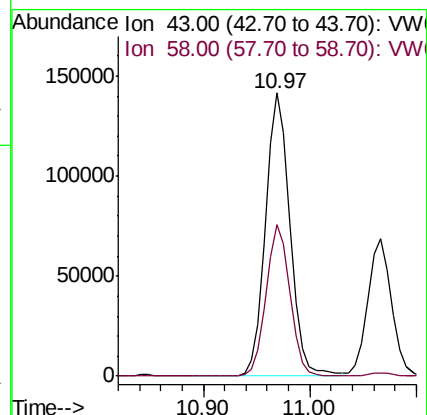
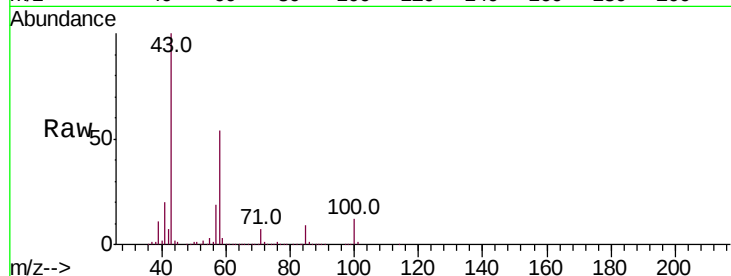
VSTDCCC050

Tot Ion: 43 Resp: 228634

Ion Ratio Lower Upper

43 100

58 52.5 26.8 80.3



#60

Dibromochloromethane

Concen: 45.510 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015643.D

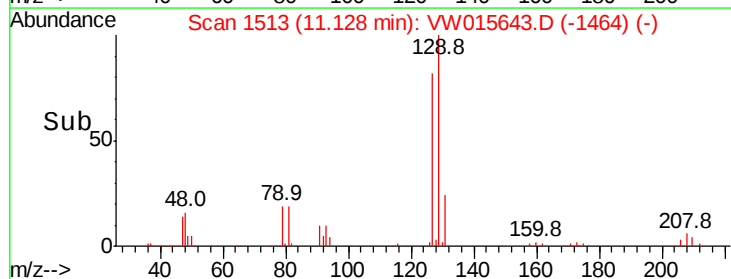
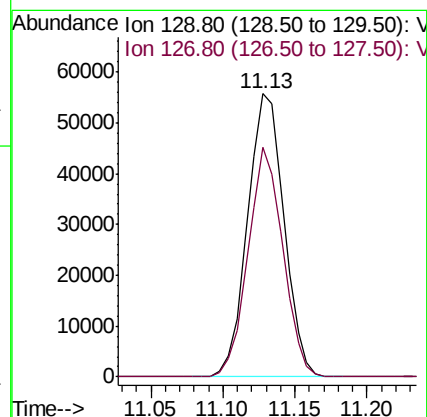
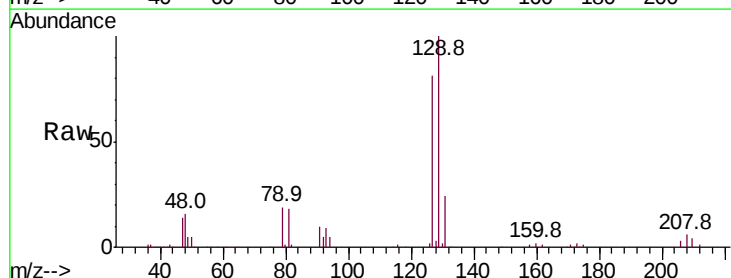
Acq: 22 Jun 2020 11:39

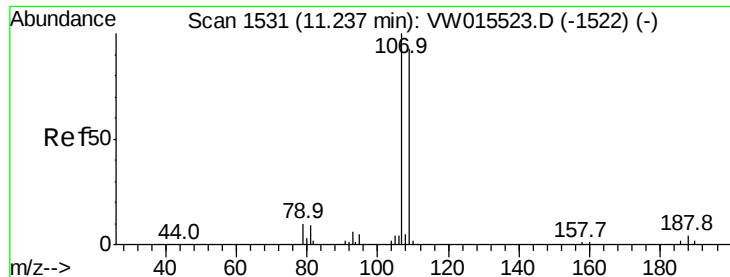
Tgt Ion: 129 Resp: 97319

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2

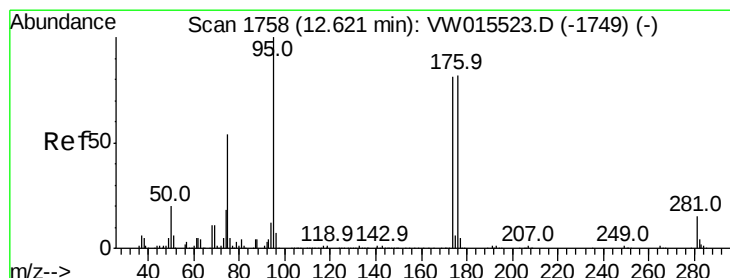
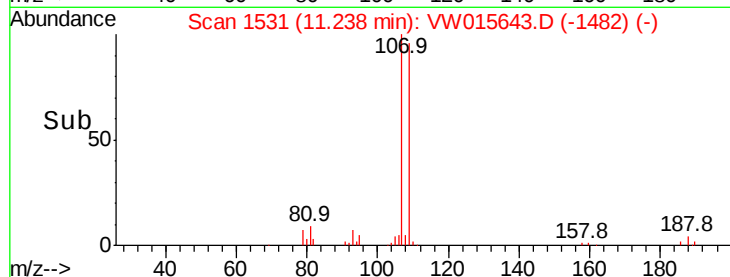
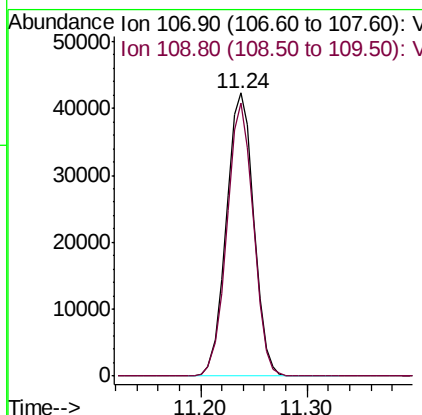
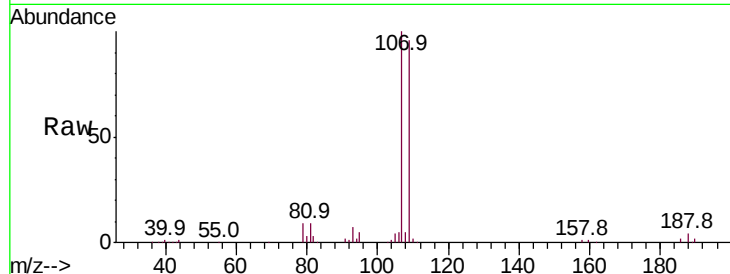




#61
 1,2-Dibromoethane
 Concen: 45.564 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

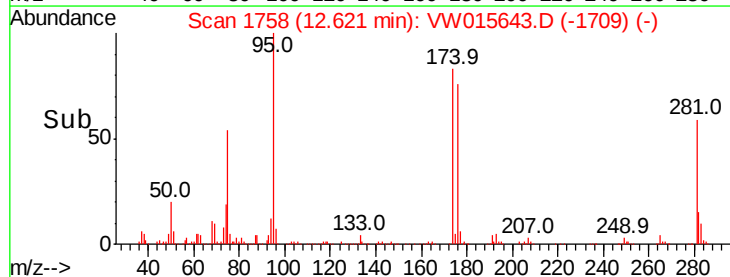
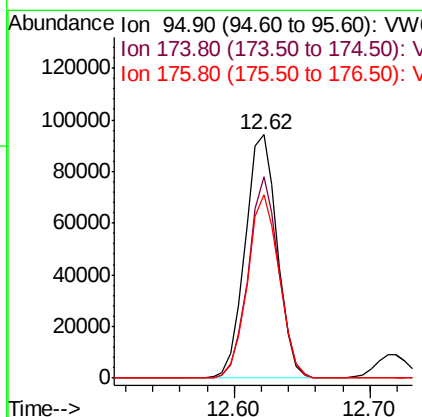
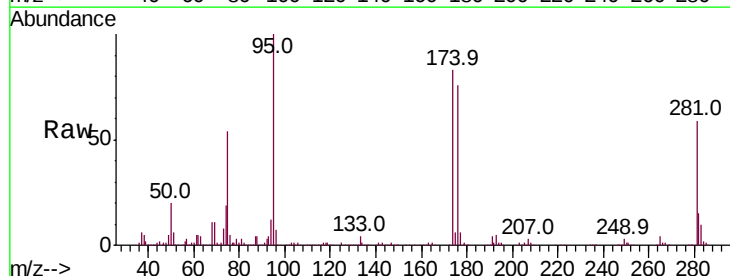
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

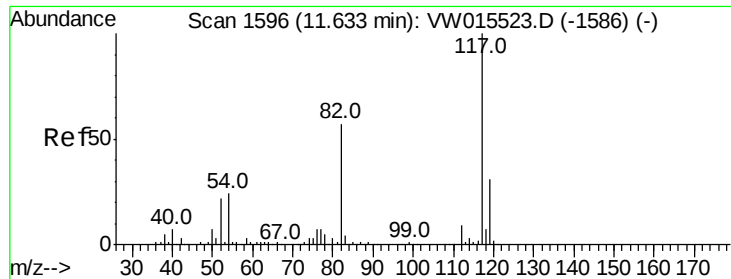
Tot Ion: 107 Resp: 76420
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.662 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion: 95 Resp: 155592
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 153.6
 176 74.7 0.0 152.8

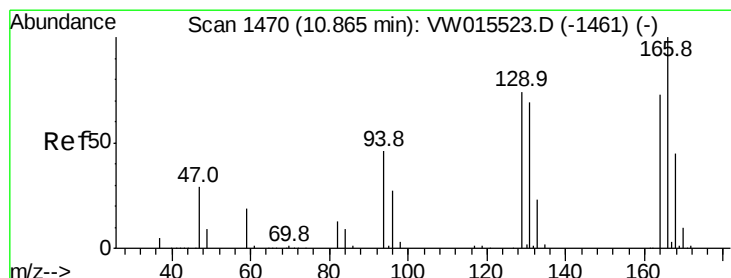
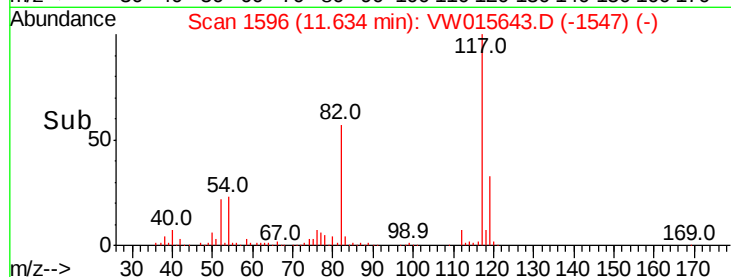
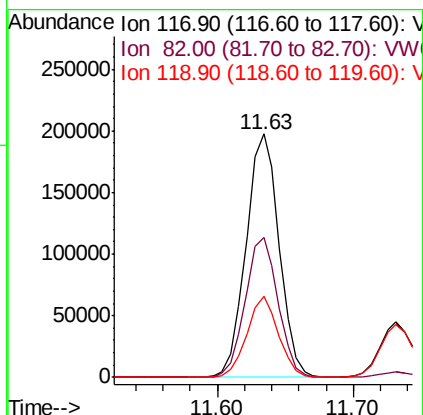
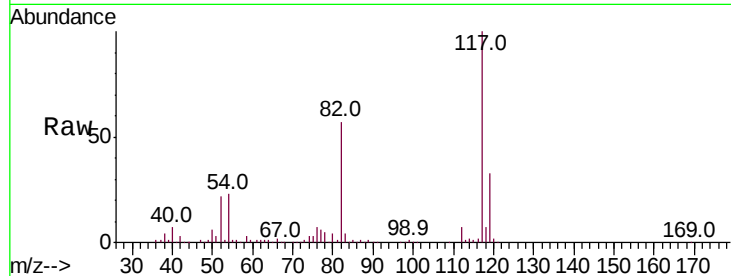




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

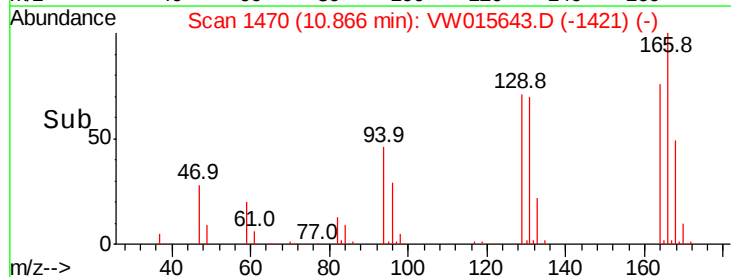
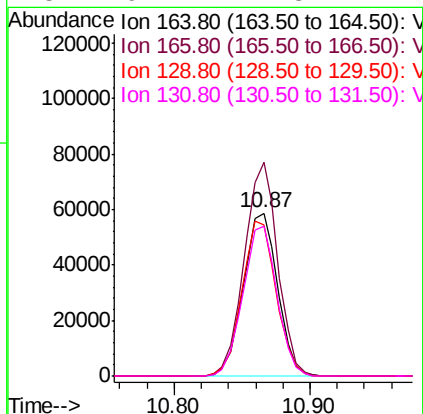
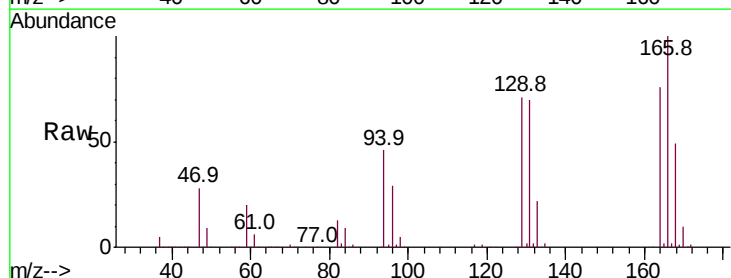
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

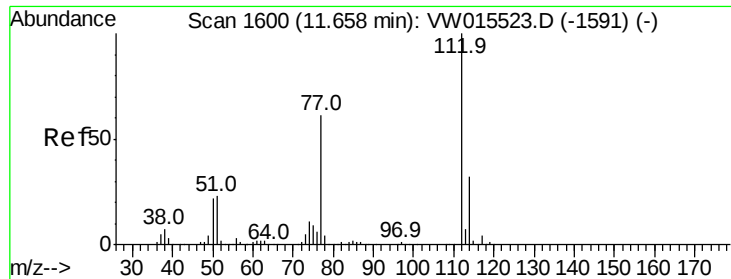
Tot Ion:117 Resp: 336013
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.8
119 33.3 24.7 37.1



#64
Tetrachloroethene
Concen: 45.917 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:164 Resp: 103383
Ion Ratio Lower Upper
164 100
166 131.0 109.0 163.6
129 92.9 81.0 121.4
131 91.7 74.8 112.2

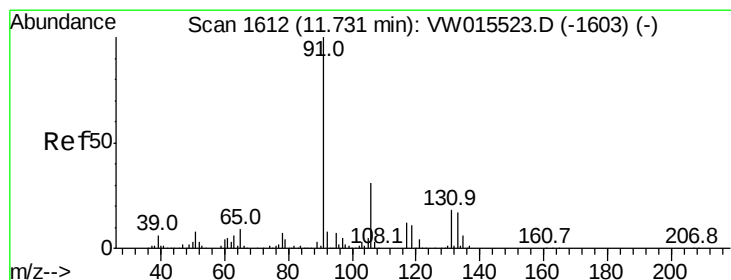
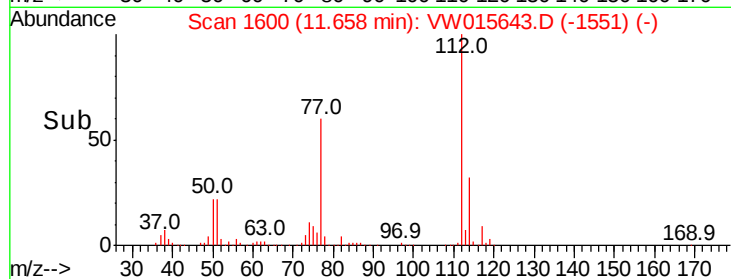
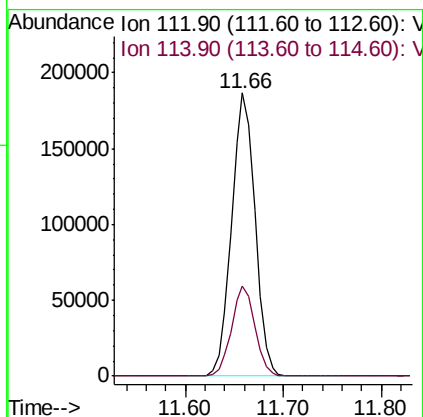
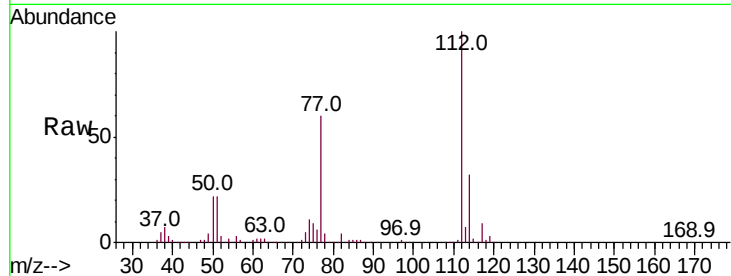




#65
Chlorobenzene
Concen: 45.282 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

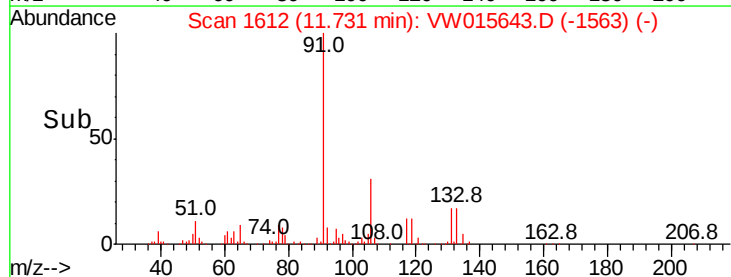
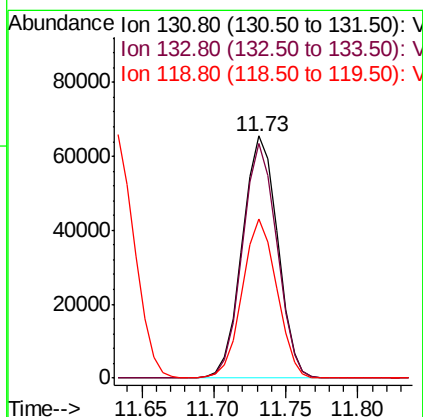
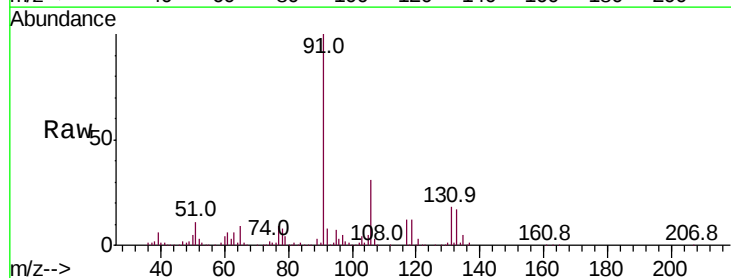
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

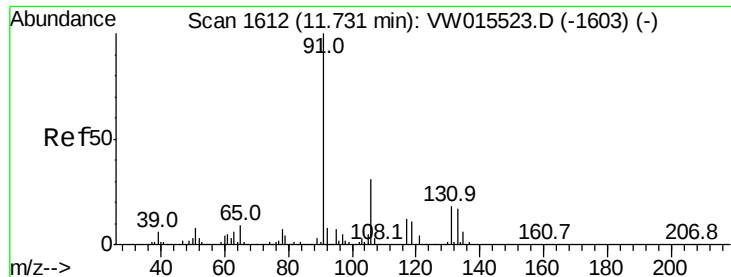
Tot Ion:112 Resp: 310178
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.504 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:131 Resp: 111395
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 64.3 32.5 97.5

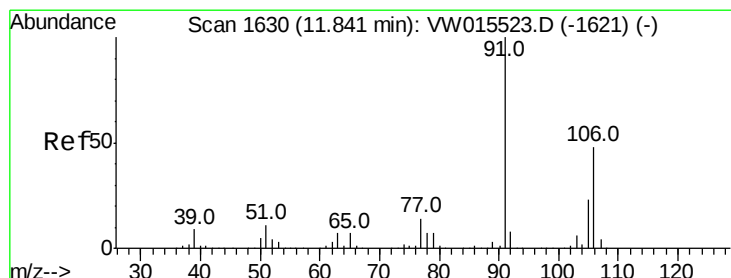
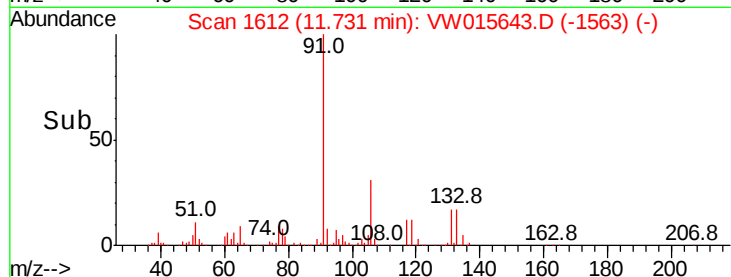
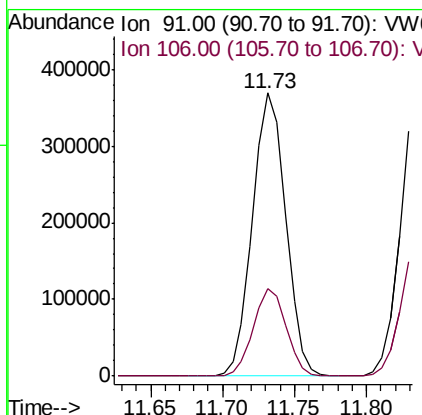
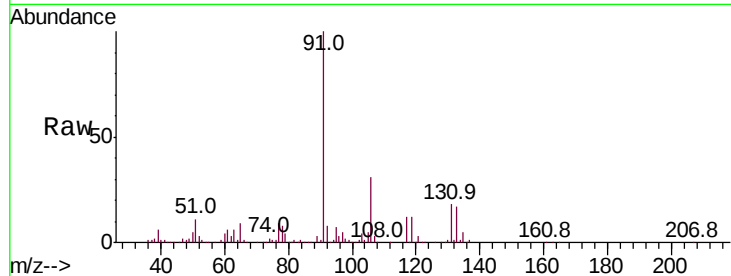




#67
Ethyl Benzene
Concen: 45.733 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

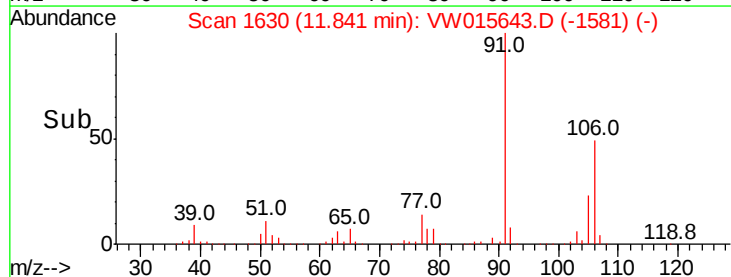
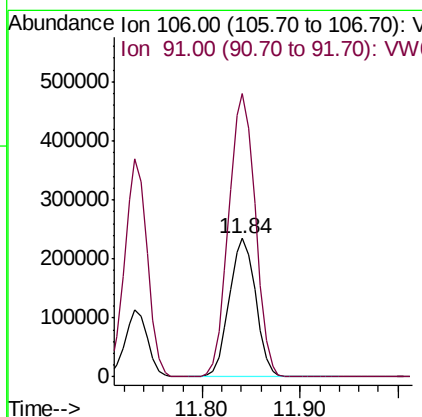
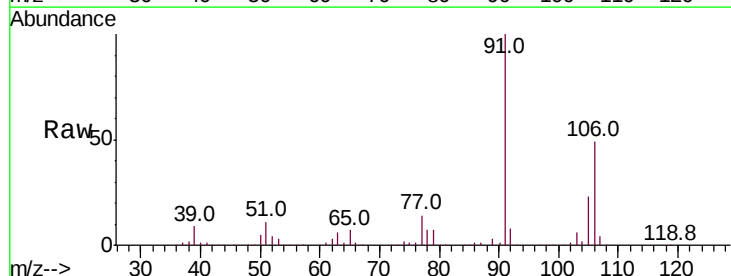
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

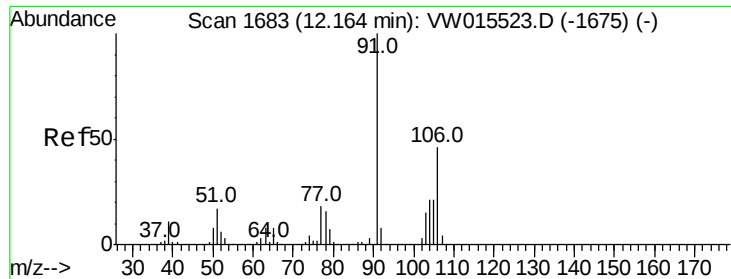
Tot Ion: 91 Resp: 589429
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 91.689 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 106 Resp: 441544
Ion Ratio Lower Upper
106 100
91 205.6 163.5 245.3

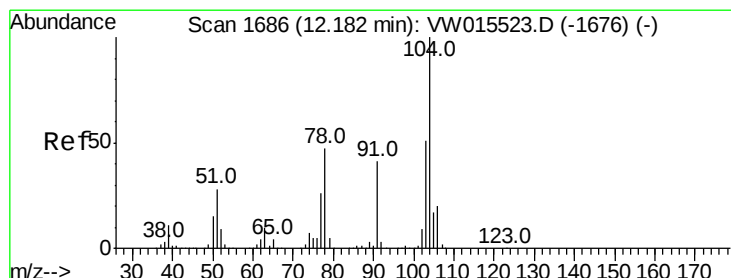
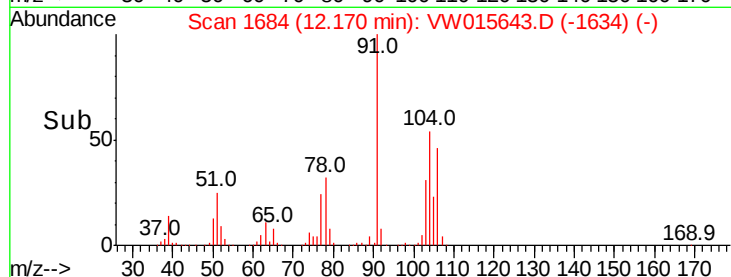
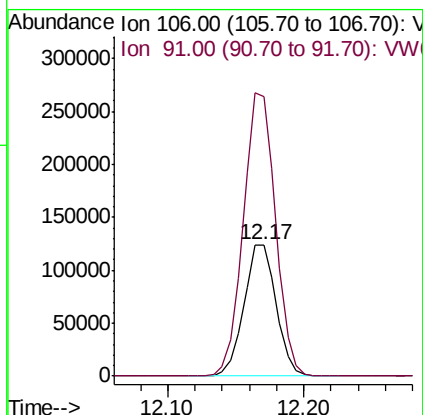
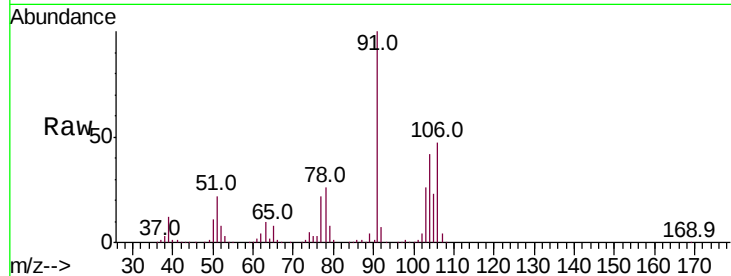




#69
o-Xylene
Concen: 45.762 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

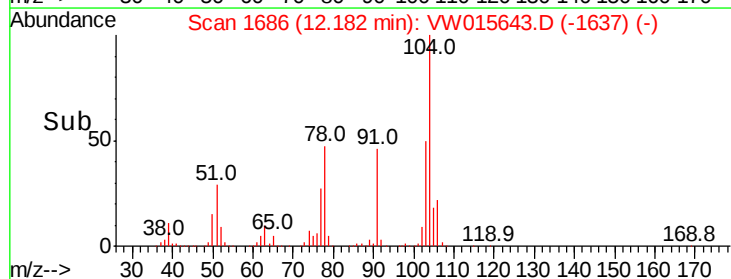
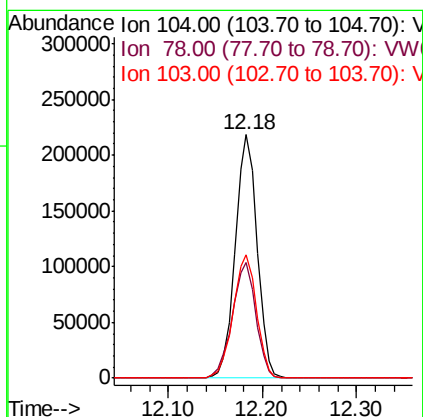
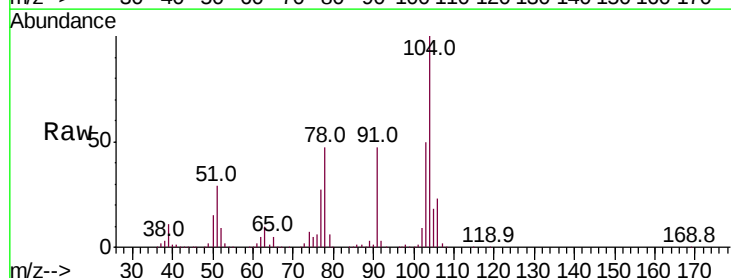
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

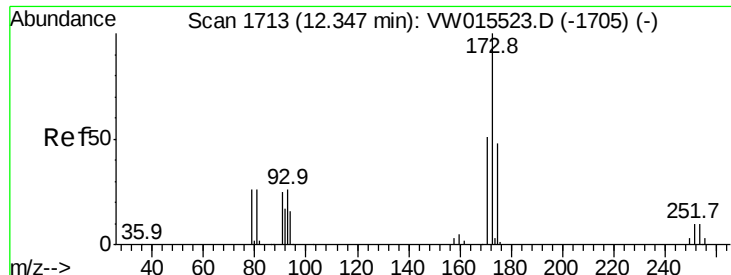
Tot Ion:106 Resp: 205288
Ion Ratio Lower Upper
106 100
91 216.1 107.8 323.4



#70
Styrene
Concen: 45.729 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:104 Resp: 350381
Ion Ratio Lower Upper
104 100
78 51.5 41.7 62.5
103 54.5 43.8 65.8

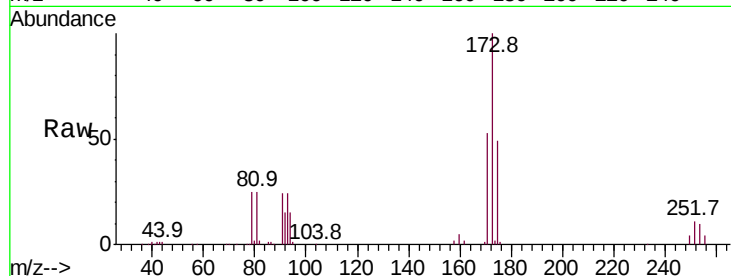




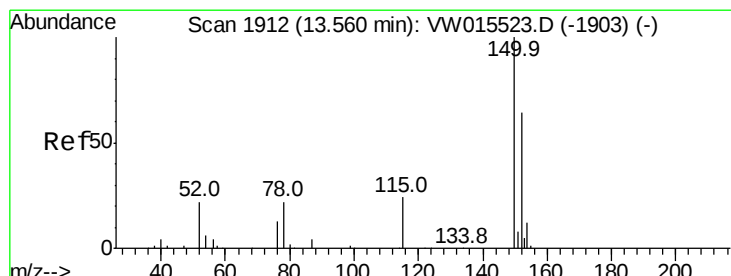
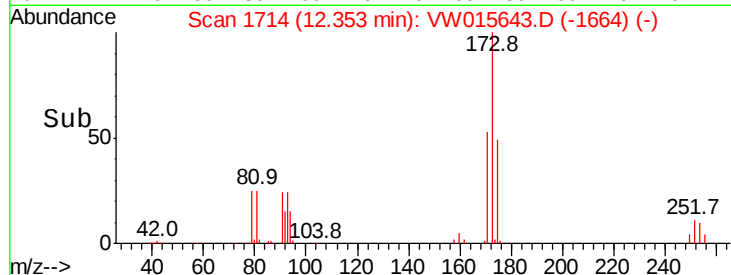
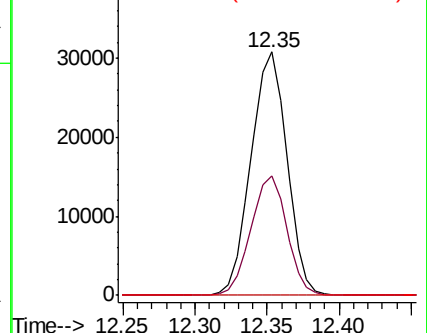
#71
Bromoform
Concen: 45.212 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 53198
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.0 0.0 0.0

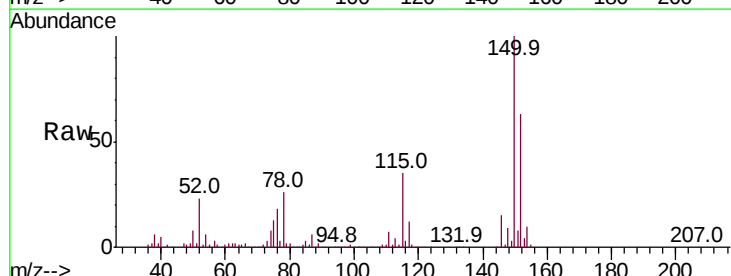


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

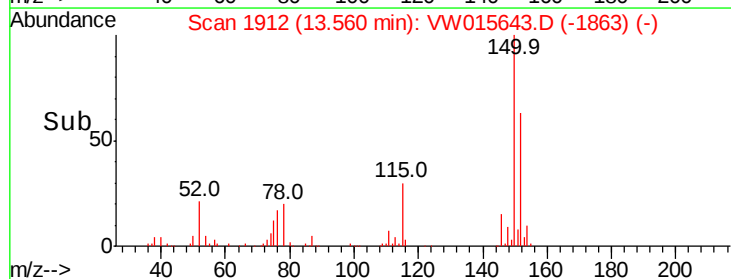
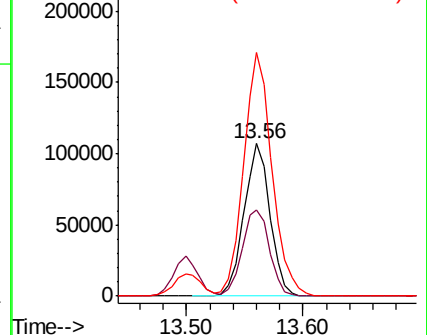


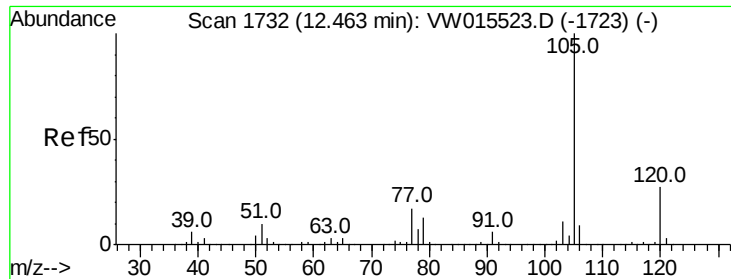
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:152 Resp: 165952
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 174.5 0.0 351.0



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

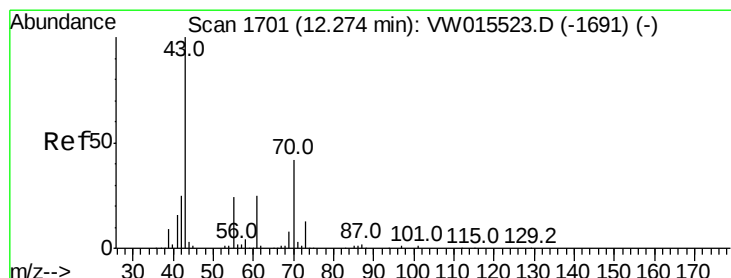
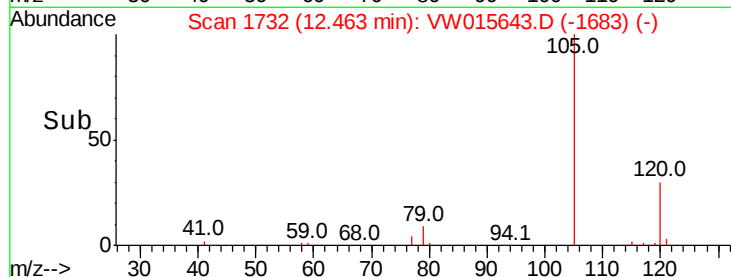
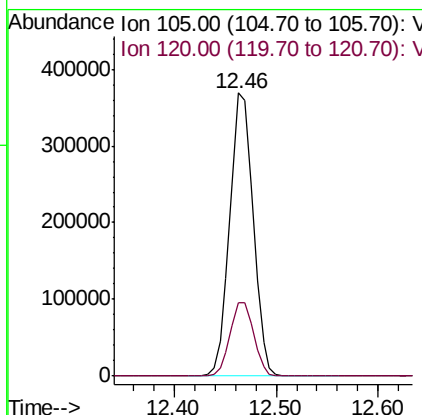
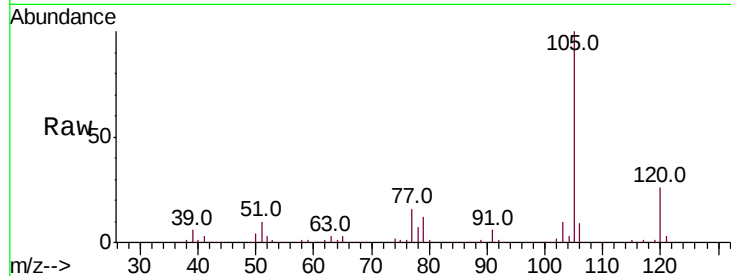




#73
Isopropylbenzene
Concen: 46.034 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

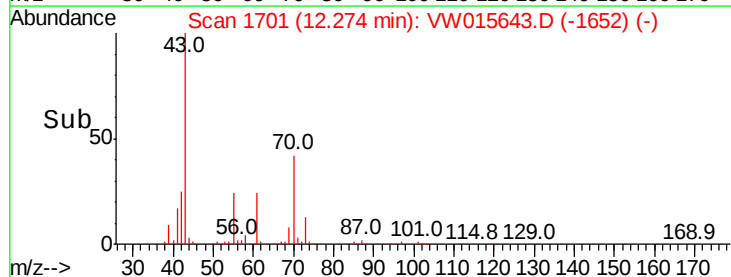
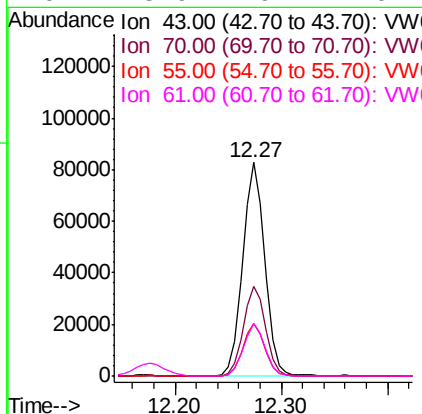
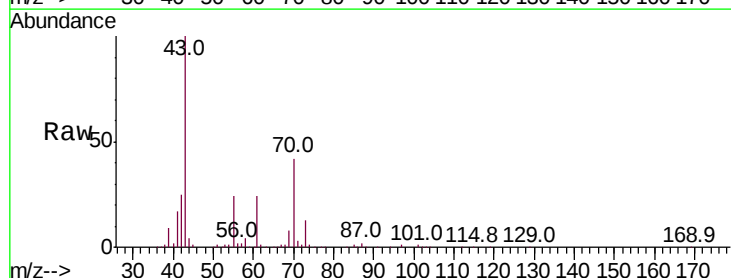
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

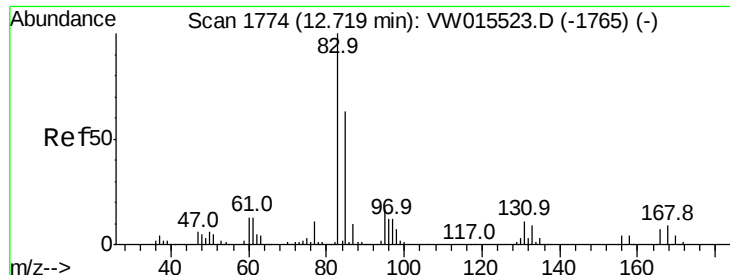
Tot Ion:105 Resp: 584097
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 44.390 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion: 43 Resp: 120898
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.2 19.1 28.7
61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.963 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

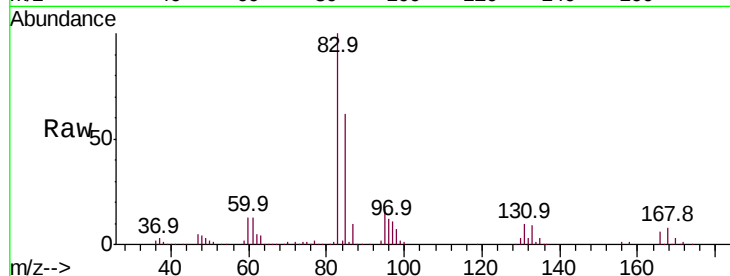
Tot Ion: 83 Resp: 89863

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

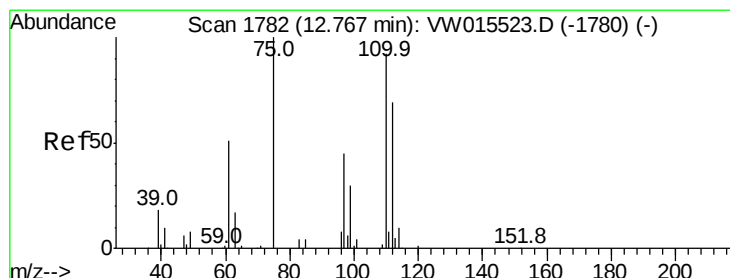
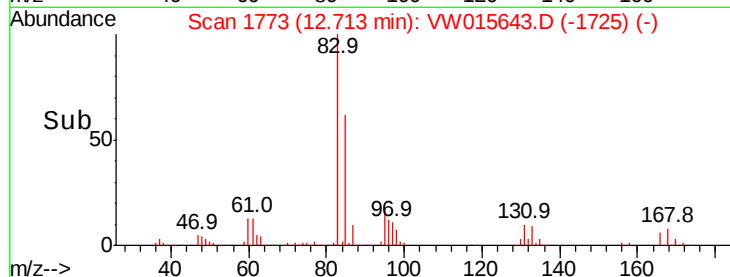
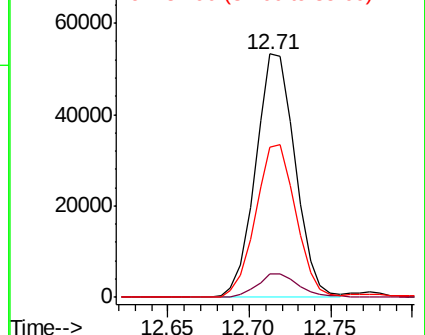
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.142 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015643.D

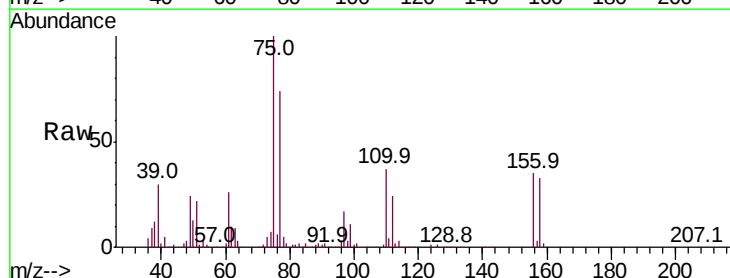
Acq: 22 Jun 2020 11:39

Tgt Ion: 75 Resp: 121949

Ion Ratio Lower Upper

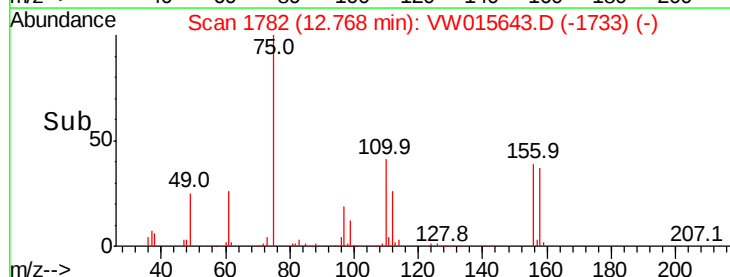
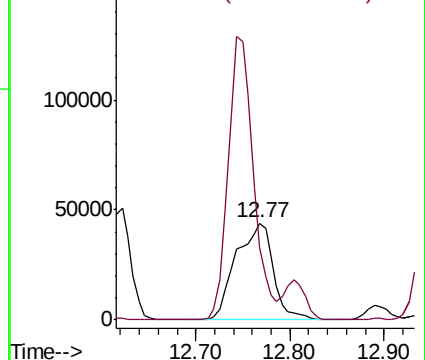
75 100

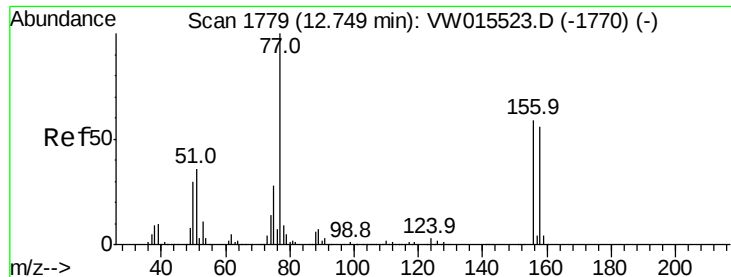
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 46.017 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

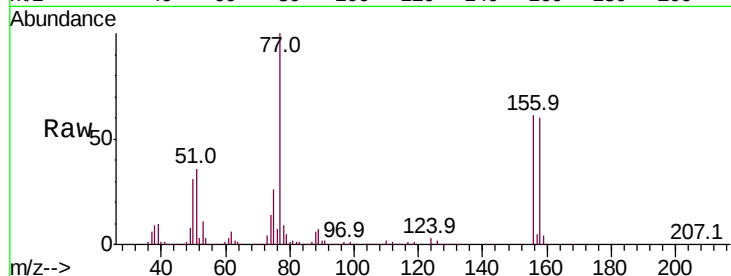
Tot Ion:156 Resp: 126082

Ion Ratio Lower Upper

156 100

77 190.6 97.3 291.8

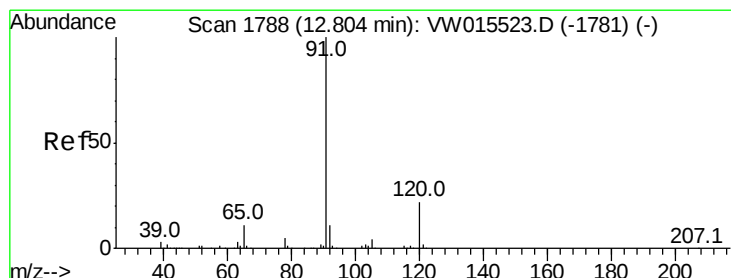
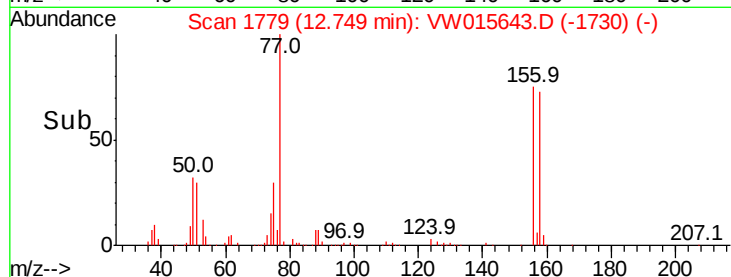
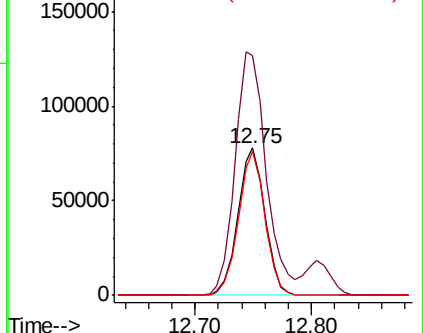
158 95.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.133 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015643.D

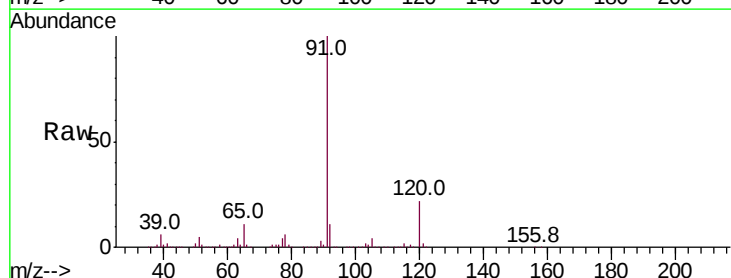
Acq: 22 Jun 2020 11:39

Tgt Ion: 91 Resp: 699349

Ion Ratio Lower Upper

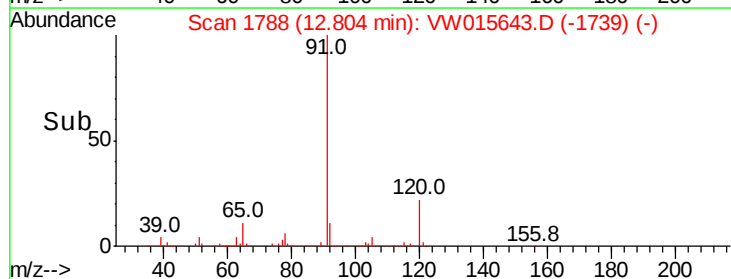
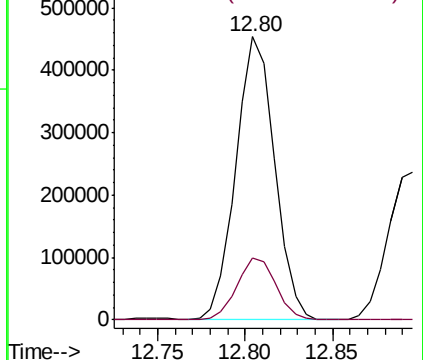
91 100

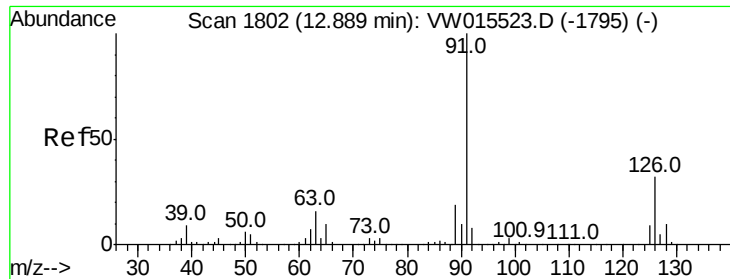
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

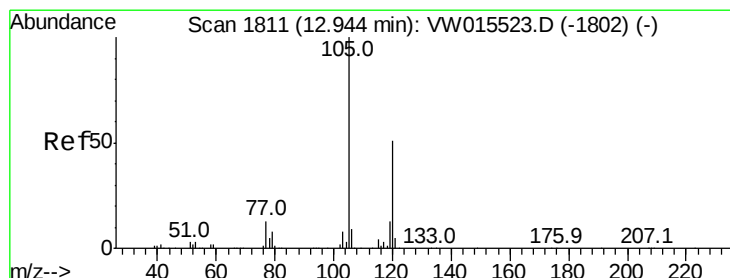
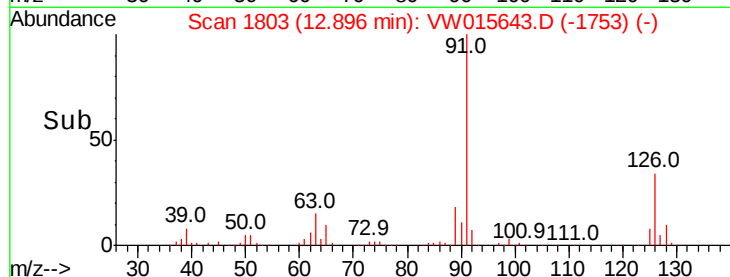
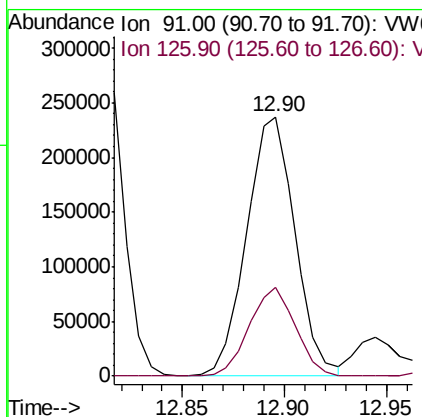
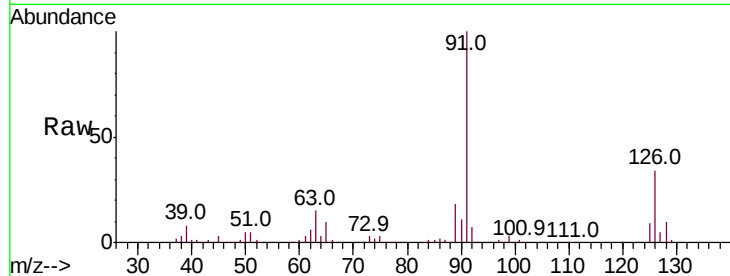




#79
2-Chlorotoluene
Concen: 45.375 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

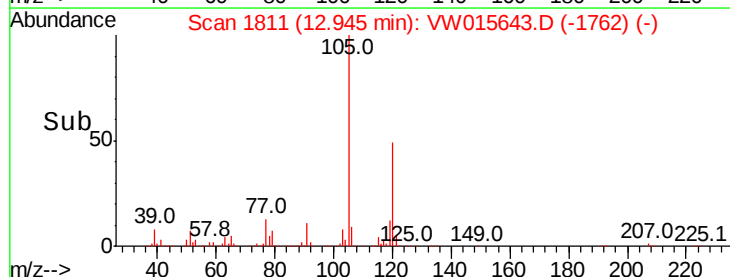
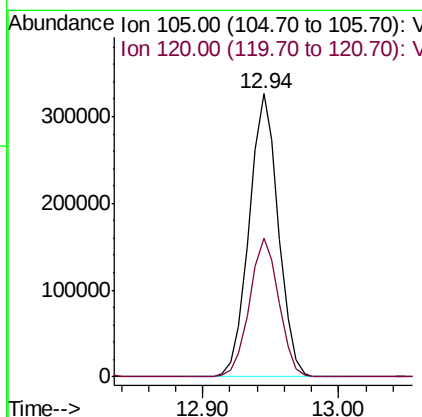
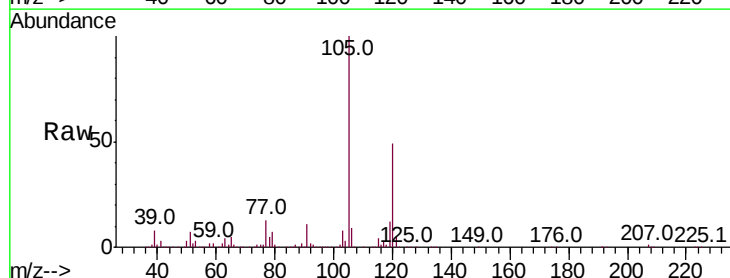
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

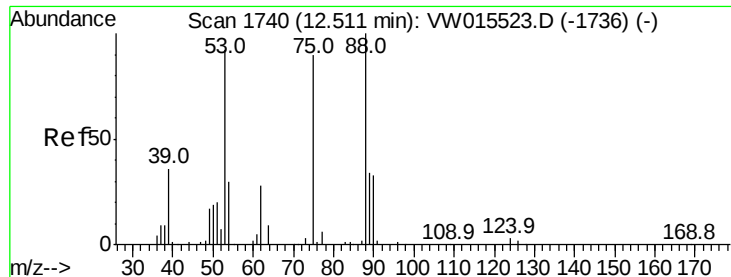
Tot Ion: 91 Resp: 390430
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 45.764 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:105 Resp: 489347
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 44.997 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

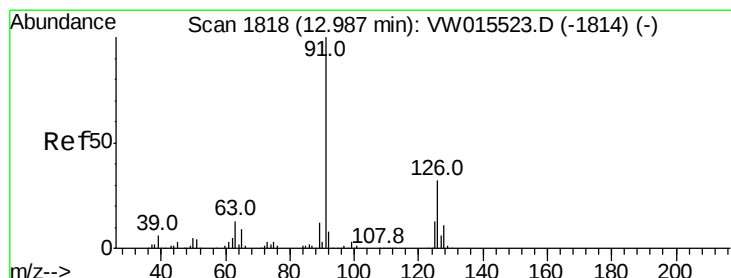
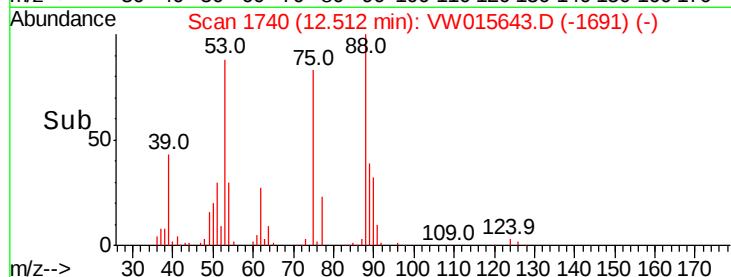
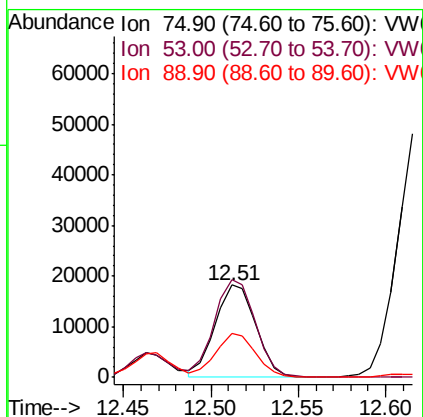
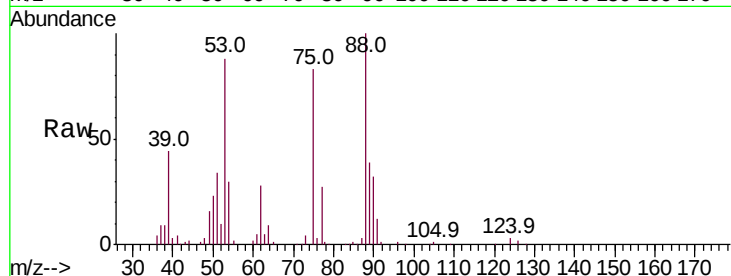
Tot Ion: 75 Resp: 29234

Ion Ratio Lower Upper

75 100

53 107.6 84.0 126.0

89 47.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 45.945 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015643.D

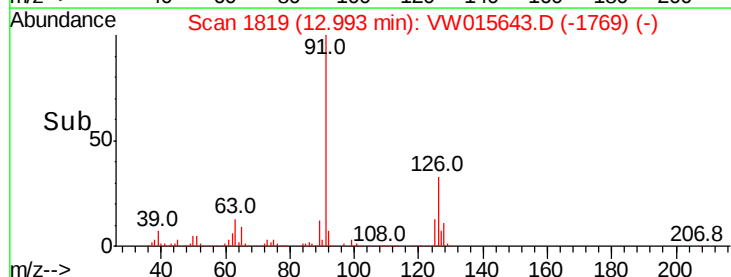
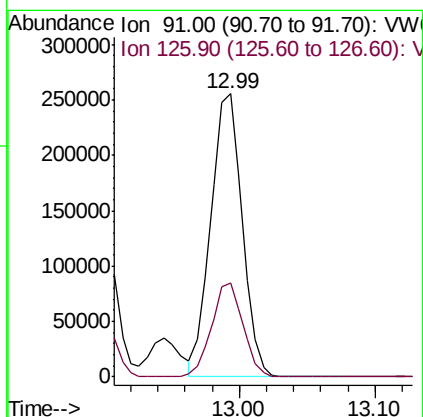
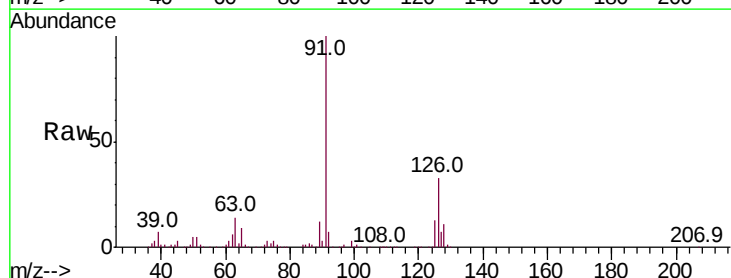
Acq: 22 Jun 2020 11:39

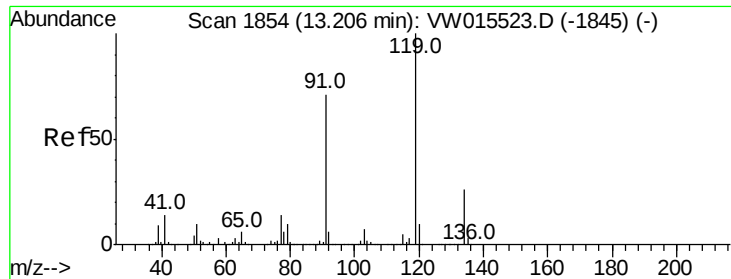
Tgt Ion: 91 Resp: 408164

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4

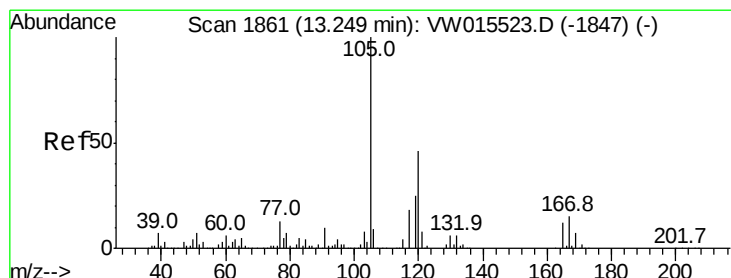
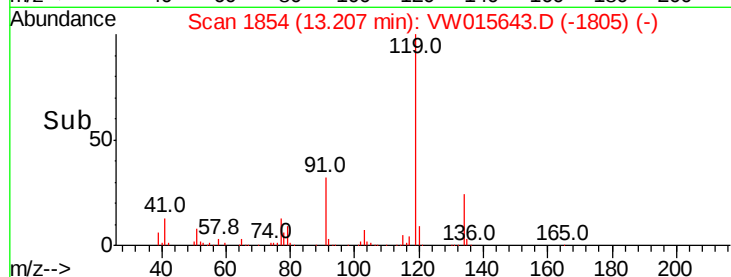
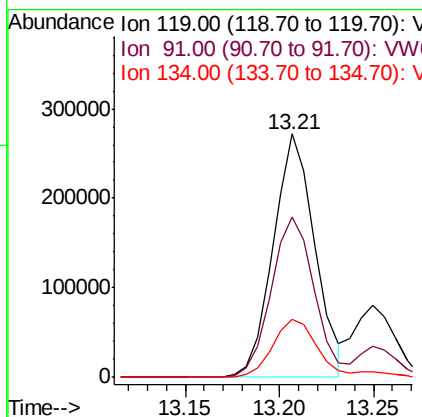
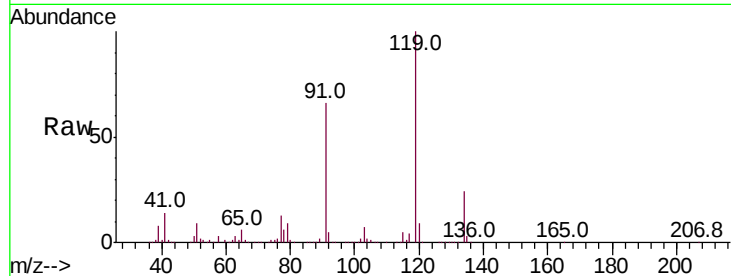




#83
tert-Butylbenzene
Concen: 45.499 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

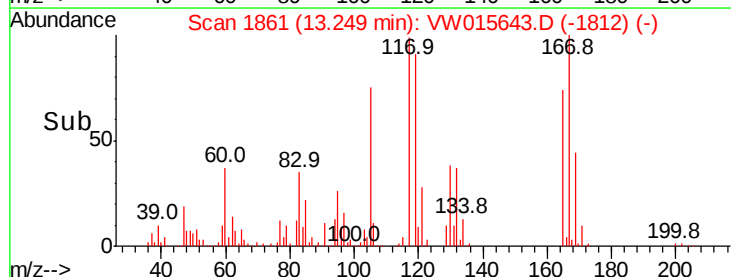
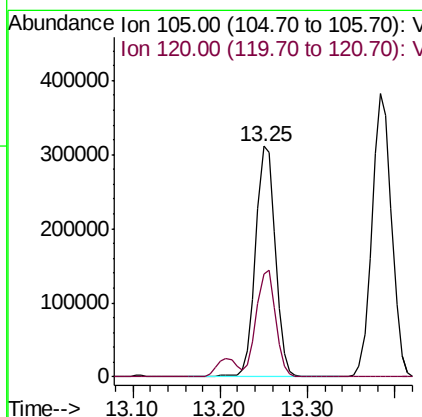
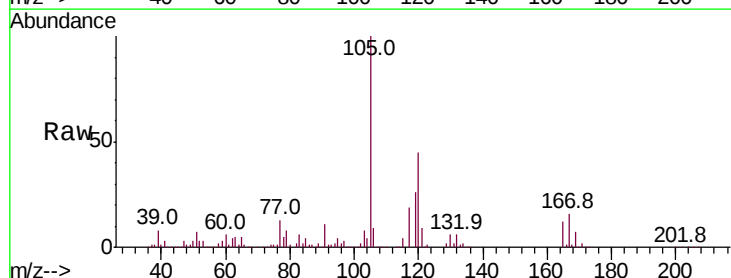
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

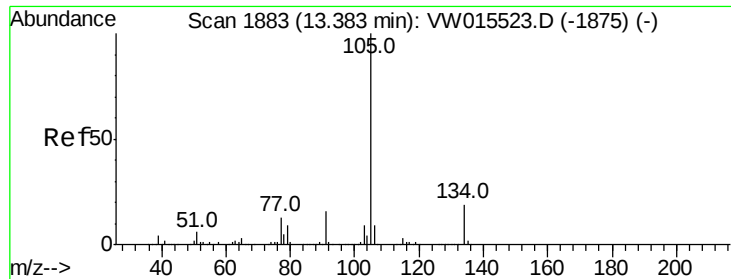
Tot Ion:119 Resp: 415204
Ion Ratio Lower Upper
119 100
91 68.6 34.2 102.5
134 27.2 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 45.606 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:105 Resp: 487329
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 46.411 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

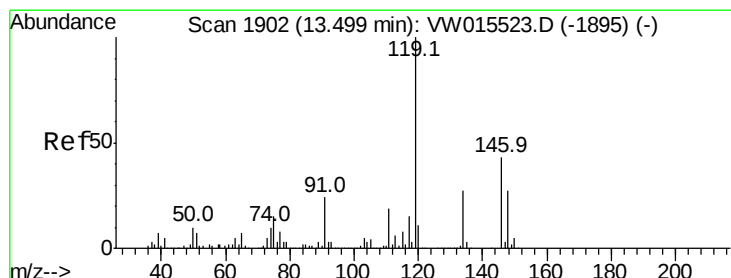
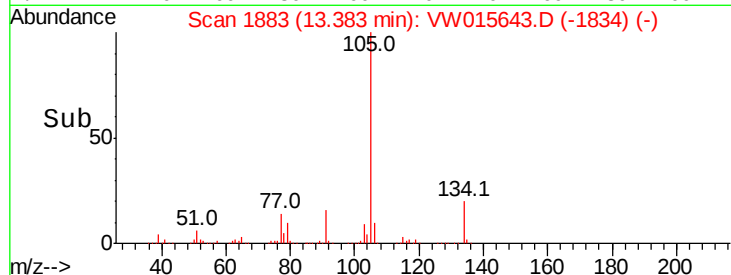
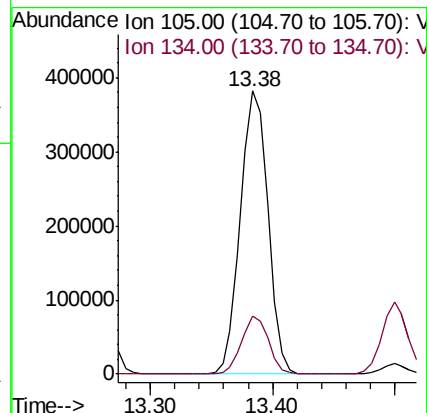
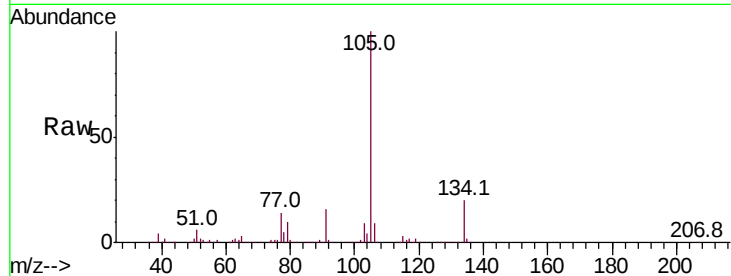
VSTDCCC050

Tot Ion:105 Resp: 597702

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 45.883 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

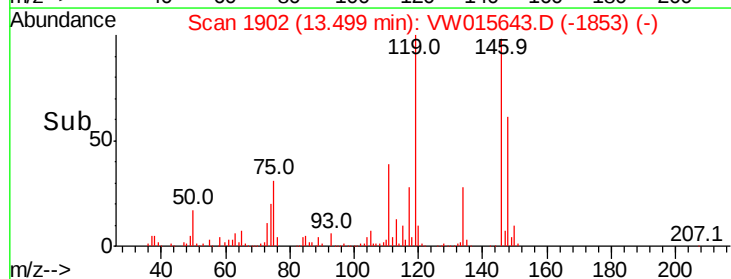
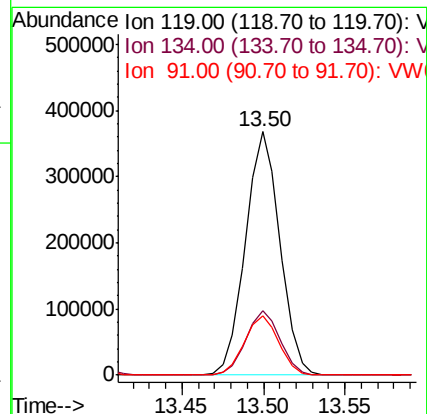
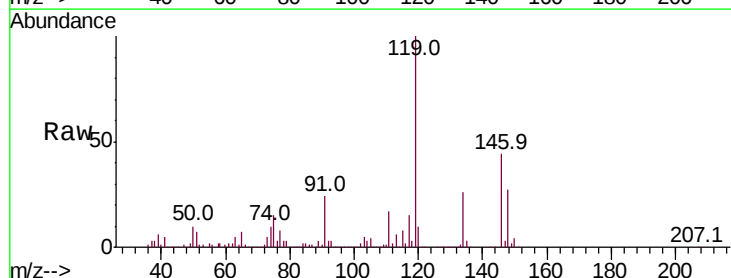
Tgt Ion:119 Resp: 541248

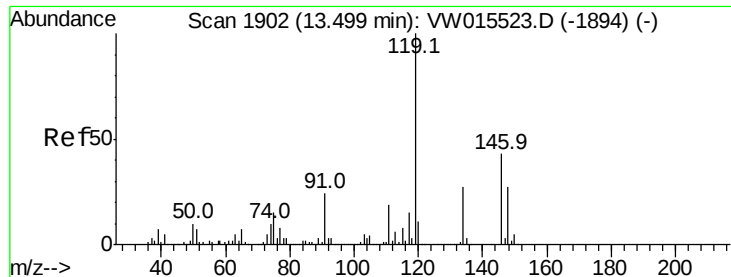
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 46.796 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

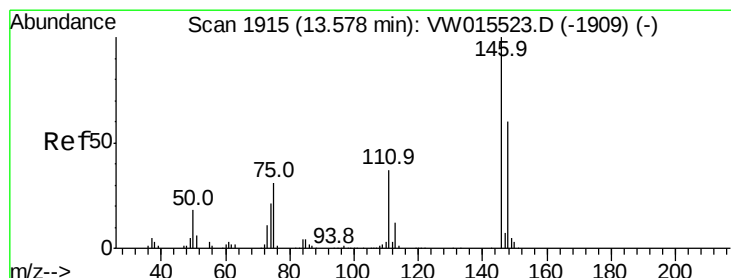
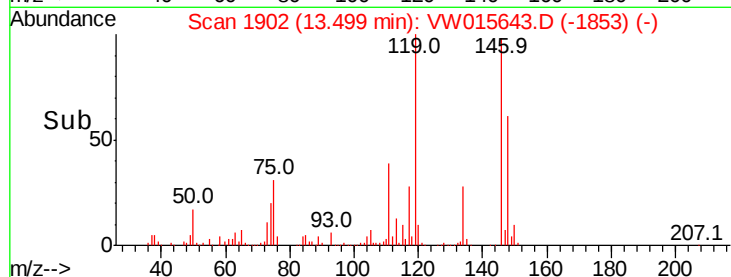
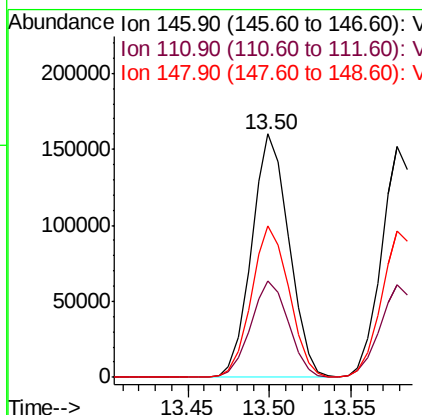
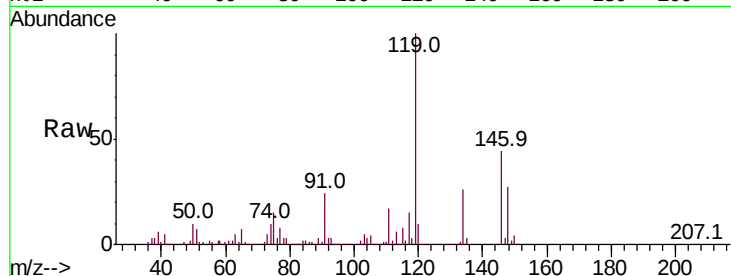
Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 254360

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.8	62.5
148	62.6	31.2	93.6



#88

1,4-Dichlorobenzene

Concen: 45.039 ug/l

RT: 13.58 min Scan# 1915

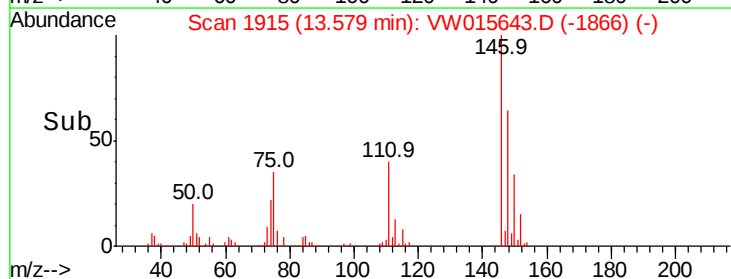
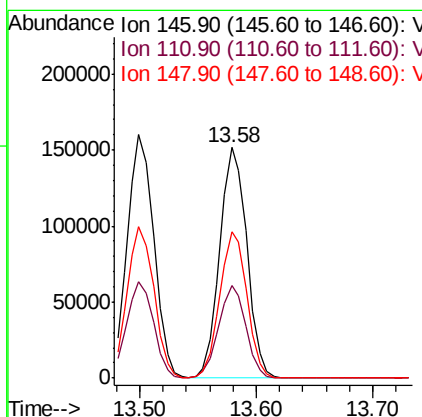
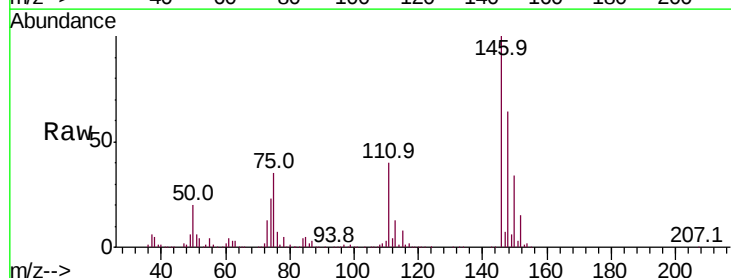
Delta R.T. 0.00 min

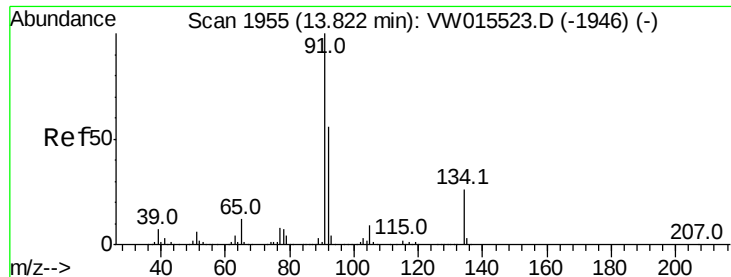
Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Tgt Ion:146 Resp: 243905

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	63.7	30.9	92.7

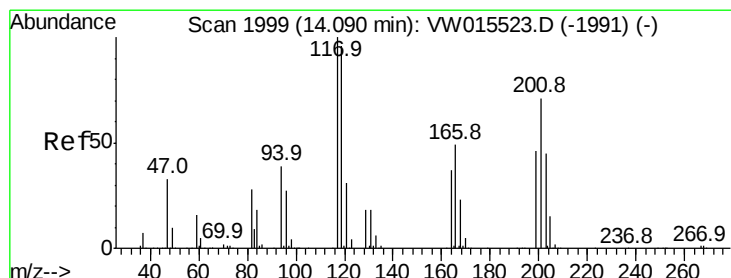
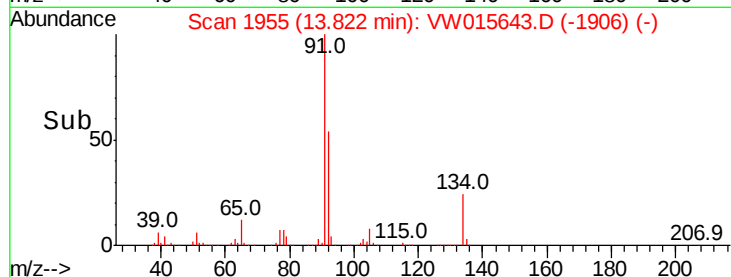
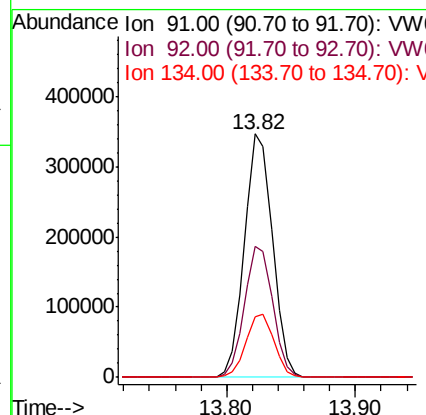
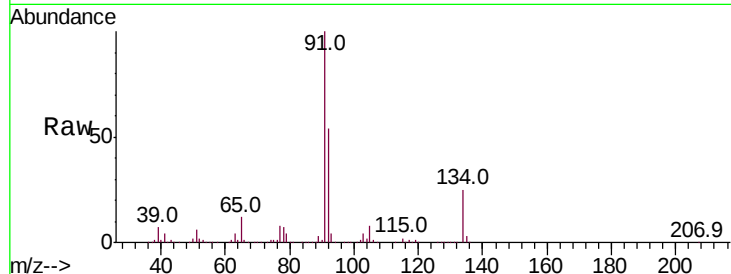




#89
n-Butylbenzene
Concen: 46.000 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

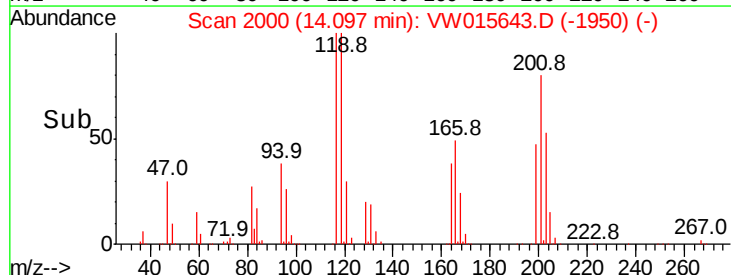
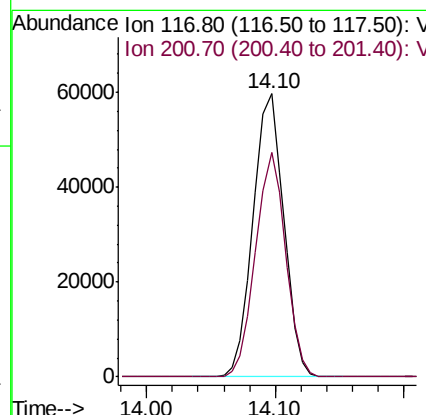
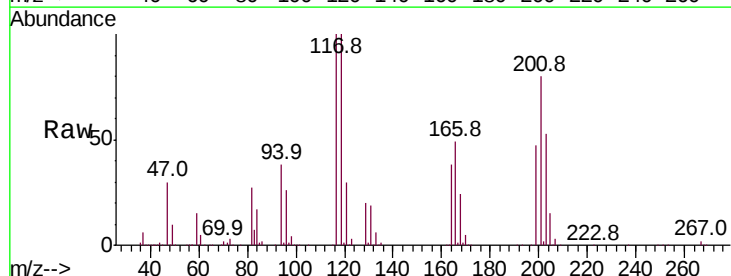
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

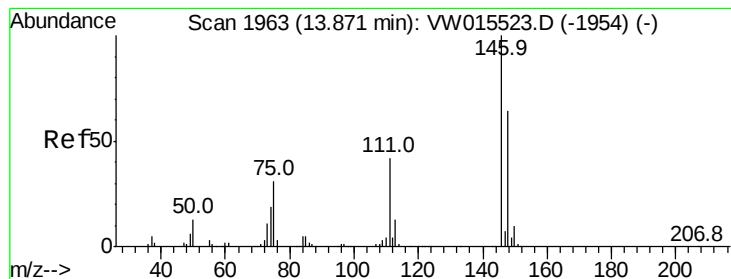
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.9
134	26.1	13.1	39.1



#90
Hexachloroethane
Concen: 45.251 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.8	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 44.742 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

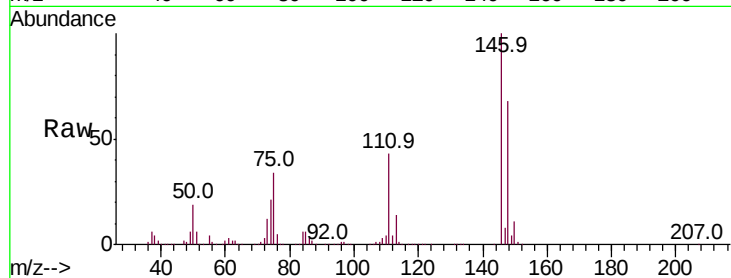
Tot Ion:146 Resp: 212337

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

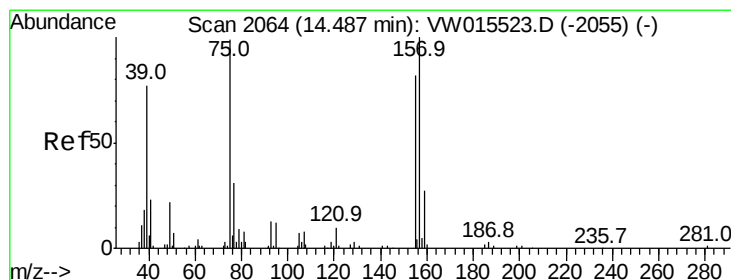
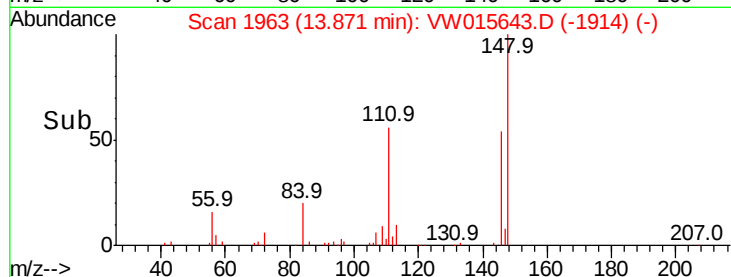
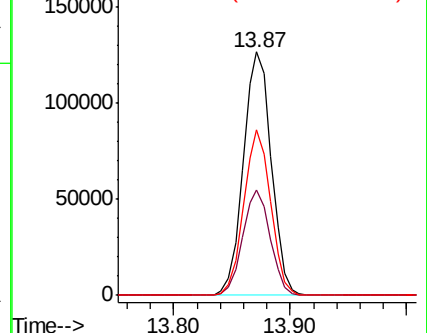
148 65.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.338 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015643.D

Acq: 22 Jun 2020 11:39

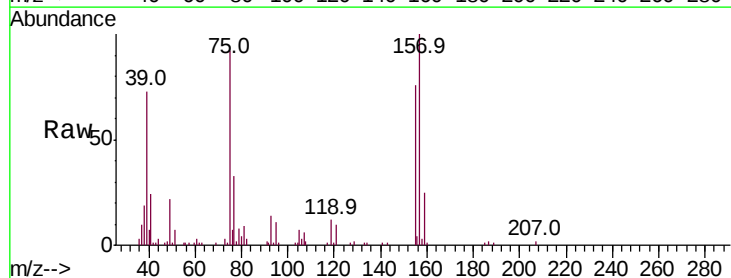
Tgt Ion: 75 Resp: 14608

Ion Ratio Lower Upper

75 100

155 79.5 40.4 121.1

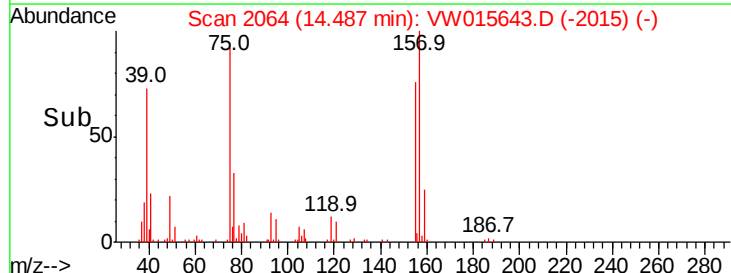
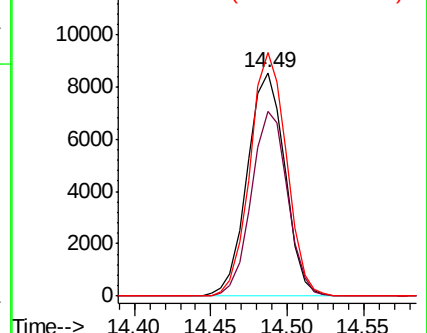
157 105.5 50.5 151.6

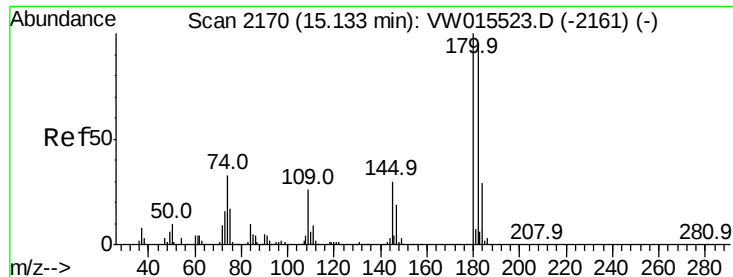


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

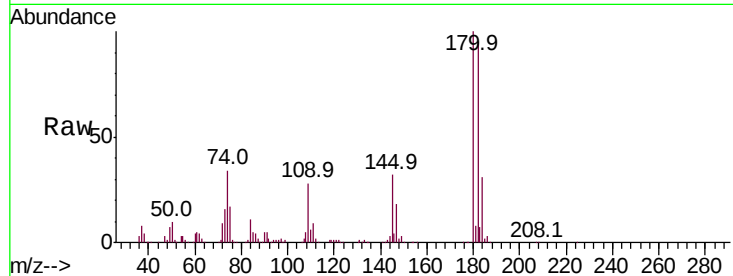




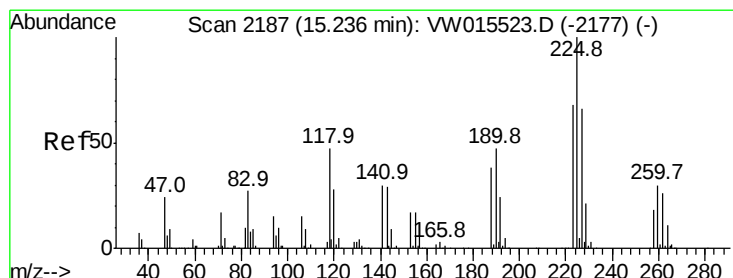
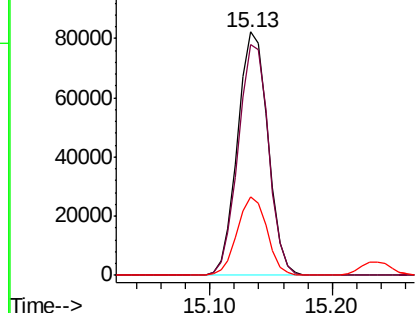
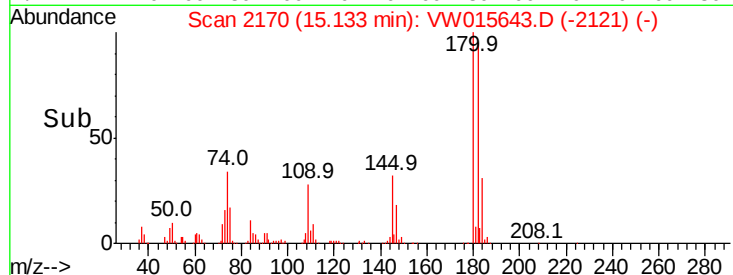
#93
 1,2,4-Trichlorobenzene
 Concen: 43.414 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 141534
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 31.5 15.4 46.2

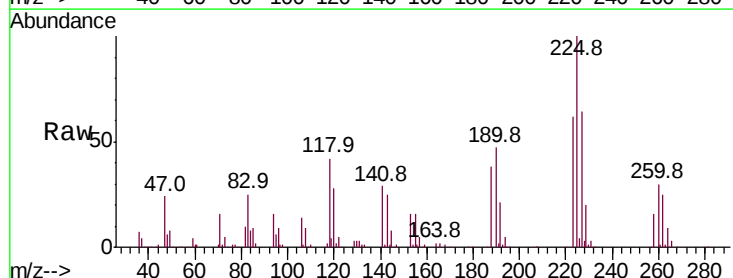


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

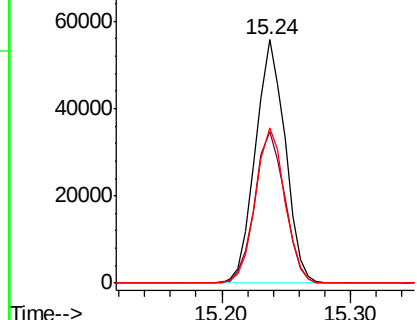
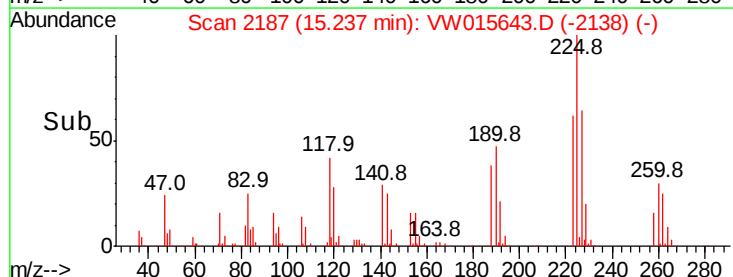


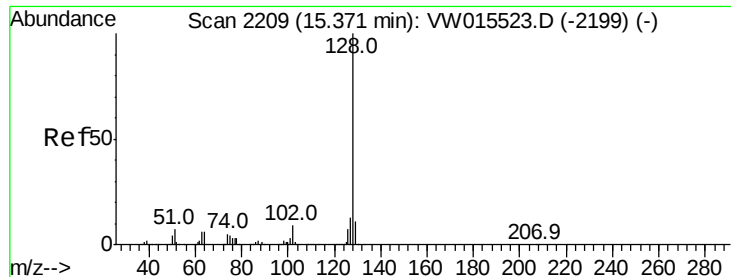
#94
 Hexachlorobutadiene
 Concen: 44.613 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015643.D
 Acq: 22 Jun 2020 11:39

Tgt Ion:225 Resp: 88694
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.4
 227 63.0 32.6 97.8



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

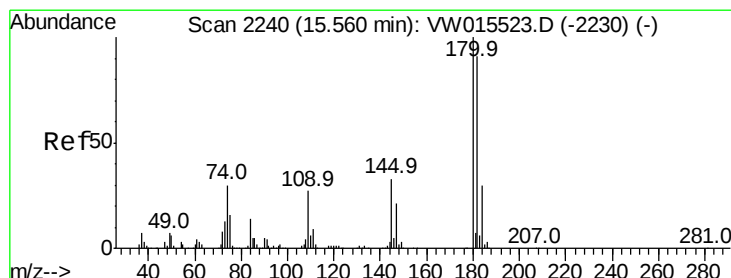
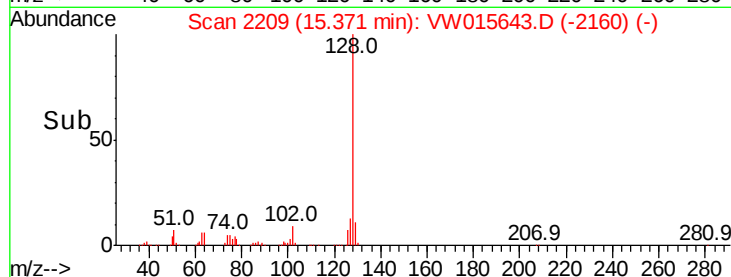
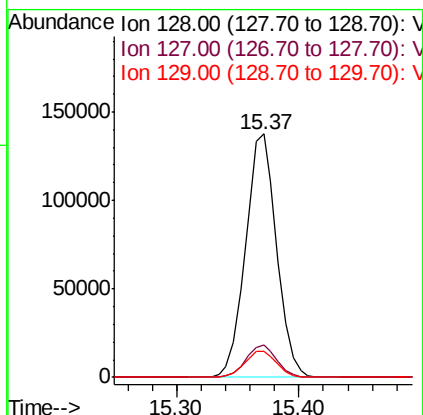
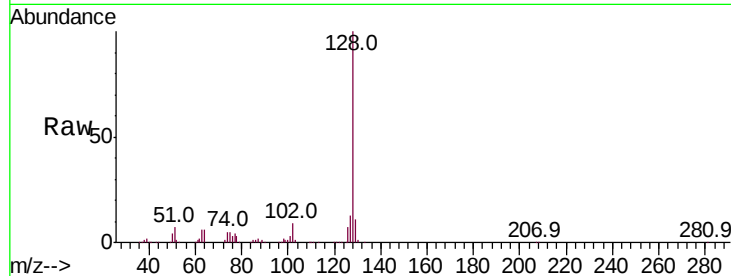




#95
Naphthalene
Concen: 43.960 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 242381
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.738 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015643.D
Acq: 22 Jun 2020 11:39

Tgt Ion:180 Resp: 120113
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.4
145 32.4 16.3 48.8

