

Data File : VW015299.D
Acq On : 22 Apr 2020 11:16
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: Apr 23 06:48:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94247	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.88	113	96232	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.32	98	398815	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	152279	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	96860	50.778	ug/l	98
3) Chloromethane	2.21	50	97333	46.857	ug/l	99
4) Vinyl Chloride	2.36	62	119390	48.673	ug/l	99
5) Bromomethane	2.77	94	89430	51.277	ug/l	94
6) Chloroethane	2.92	64	70769	46.512	ug/l	100
7) Trichlorofluoromethane	3.26	101	175586	50.586	ug/l	97
8) Diethyl Ether	3.69	74	44400	45.572	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109470	51.142	ug/l	91
10) Methyl Iodide	4.28	142	128275	57.056	ug/l	97
11) Tert butyl alcohol	5.17	59	29137	180.956	ug/l	98
12) 1,1-Dichloroethene	4.04	96	103665	50.316	ug/l	94
13) Acrolein	3.90	56	25045	297.180	ug/l	99
14) Allyl chloride	4.67	41	128113	46.873	ug/l #	84
15) Acrylonitrile	5.37	53	80294	216.562	ug/l	97
16) Acetone	4.12	43	86280	250.084	ug/l	98
17) Carbon Disulfide	4.39	76	298737	48.792	ug/l	98
18) Methyl Acetate	4.68	43	38074	41.692	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	220572	46.637	ug/l	97
20) Methylene Chloride	4.92	84	105749	46.769	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	118180	50.577	ug/l	93
22) Diisopropyl ether	6.31	45	243509	46.441	ug/l #	92
23) Vinyl Acetate	6.26	43	691664	224.789	ug/l	95
24) 1,1-Dichloroethane	6.21	63	176920	48.686	ug/l	98
25) 2-Butanone	7.17	43	102729	224.432	ug/l	92
26) 2,2-Dichloropropane	7.17	77	184079	48.150	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	123060	48.783	ug/l	99
28) Bromochloromethane	7.51	49	59676	45.167	ug/l #	73
29) Tetrahydrofuran	7.53	42	59616	209.052	ug/l	87
30) Chloroform	7.68	83	192177	48.999	ug/l	99
31) Cyclohexane	7.95	56	162641	44.525	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	188434	49.781	ug/l	98
36) 1,1-Dichloropropene	8.08	75	153480	50.413	ug/l	98
37) Ethyl Acetate	7.25	43	44487	45.025	ug/l	98
38) Carbon Tetrachloride	8.07	117	171428	51.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	200274	49.425	ug/l	97
40) Benzene	8.32	78	407392	50.094	ug/l	98
41) Methacrylonitrile	7.48	41	25412	42.865	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	117016	48.877	ug/l	99
43) Isopropyl Acetate	8.42	43	90061	43.460	ug/l	92
44) Trichloroethene	9.09	130	129573	52.088	ug/l	92
45) 1,2-Dichloropropane	9.37	63	92288	48.798	ug/l	100
46) Dibromomethane	9.46	93	52689	48.162	ug/l #	87
47) Bromodichloromethane	9.64	83	142812	48.832	ug/l	99
48) Methyl methacrylate	9.43	41	41664	42.530	ug/l #	83
49) 1,4-Dioxane	9.45	88	12770	875.604	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	211233	217.143	ug/l	96
52) Toluene	10.38	92	293533	51.573	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	138249	47.942	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	163209	48.693	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	72407	47.267	ug/l	99
56) Ethyl methacrylate	10.64	69	90089	45.651	ug/l	92
57) 1,3-Dichloropropane	10.93	76	122810	48.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	211192	230.830	ug/l	90
59) 2-Hexanone	10.96	43	159853	230.201	ug/l	95
60) Dibromochloromethane	11.13	129	99220	49.055	ug/l	99
61) 1,2-Dibromoethane	11.23	107	71632	47.922	ug/l	97
64) Tetrachloroethene	10.86	164	121397	53.812	ug/l	90
65) Chlorobenzene	11.66	112	316377	51.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	112379	50.410	ug/l	98
67) Ethyl Benzene	11.73	91	587634	50.803	ug/l	98
68) m/p-Xylenes	11.83	106	470908	103.862	ug/l	98
69) o-Xylene	12.16	106	219225	51.802	ug/l	98
70) Styrene	12.18	104	365949	50.729	ug/l	100
71) Bromoform	12.35	173	61972	49.337	ug/l #	96
73) Isopropylbenzene	12.46	105	618220	51.472	ug/l	100
74) N-amyl acetate	12.27	43	90426	43.275	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	76891	45.089	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	105683	78.861	ug/l #	100
77) Bromobenzene	12.74	156	139862	50.685	ug/l	80
78) n-propylbenzene	12.80	91	709103	50.707	ug/l	96
79) 2-Chlorotoluene	12.89	91	399559	50.699	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	529579	51.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27092	44.193	ug/l	96
82) 4-Chlorotoluene	12.99	91	426060	50.918	ug/l	97
83) tert-Butylbenzene	13.21	119	473977	52.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	515406	50.506	ug/l	98
85) sec-Butylbenzene	13.38	105	641015	51.328	ug/l	97
86) p-Isopropyltoluene	13.50	119	602069	51.882	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	290102	52.911	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	278906	51.894	ug/l	98
89) n-Butylbenzene	13.82	91	537792	50.703	ug/l	97
90) Hexachloroethane	14.09	117	107540	50.532	ug/l	76
91) 1,2-Dichlorobenzene	13.87	146	242683	50.936	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	13763	44.597	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042220\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170281	51.419	ug/l	98
94) Hexachlorobutadiene	15.23	225	115821	52.458	ug/l	97
95) Naphthalene	15.36	128	261504	49.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143029	53.083	ug/l	97

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

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Operator : SY/VA

Sample : VSTDCCC050

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 2      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

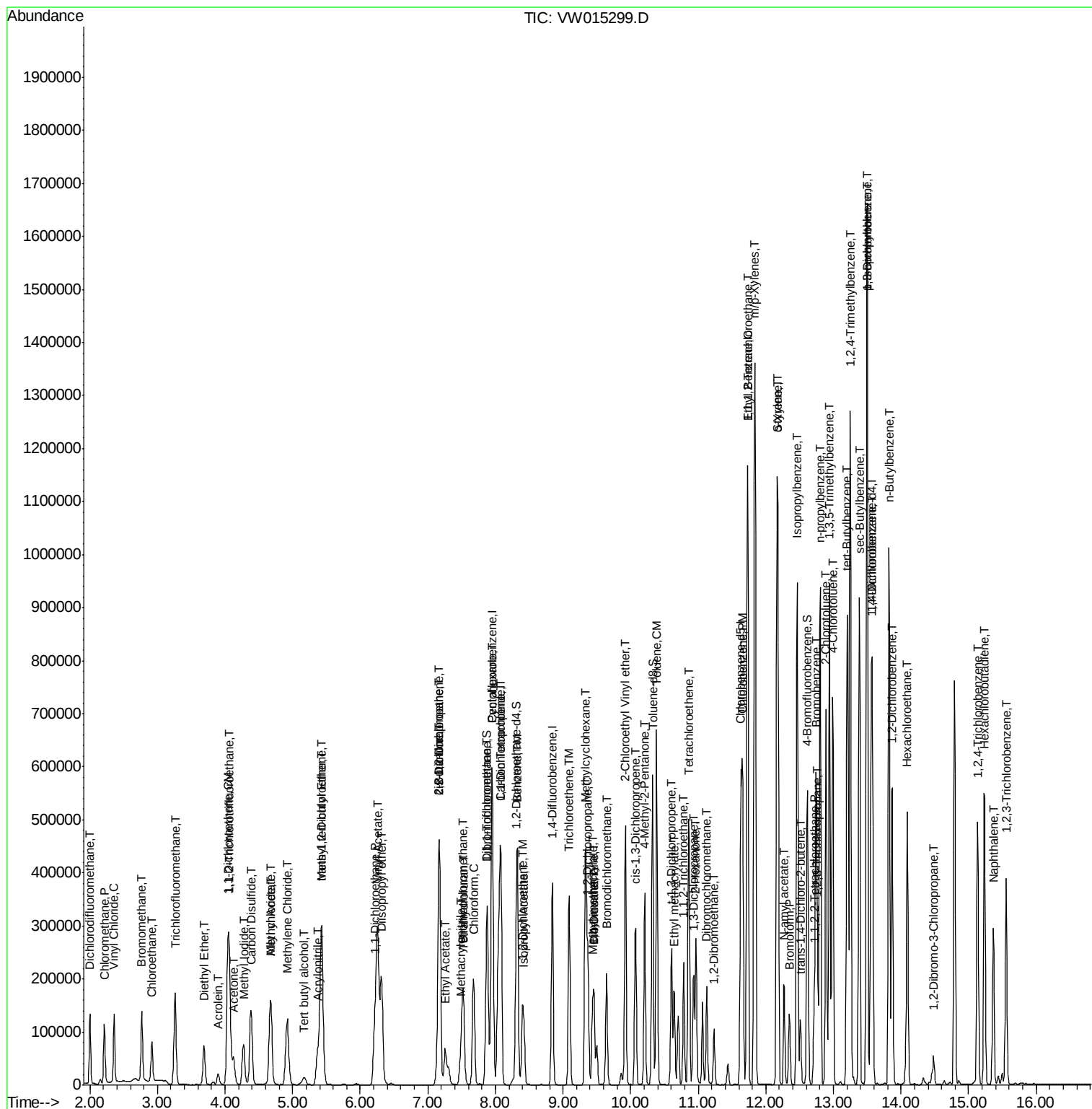
Quant Time: Apr 23 06:48:04 2020

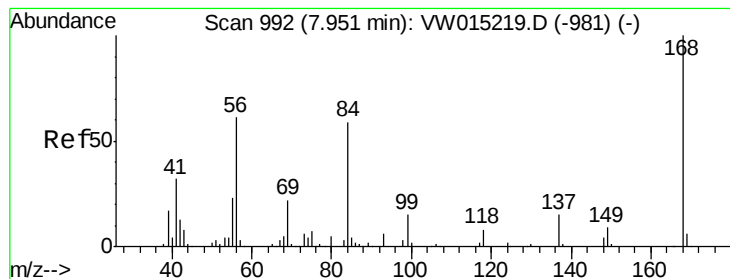
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W042020S.M

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QLast Update : Tue Apr 21 06:39:58 2020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

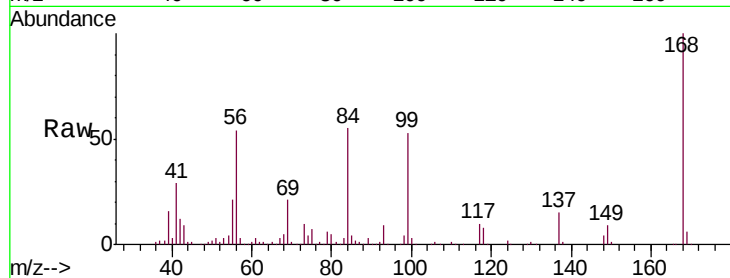
VSTDCCC050

Tgt Ion:168 Resp: 241550

Ion Ratio Lower Upper

168 100

99 52.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

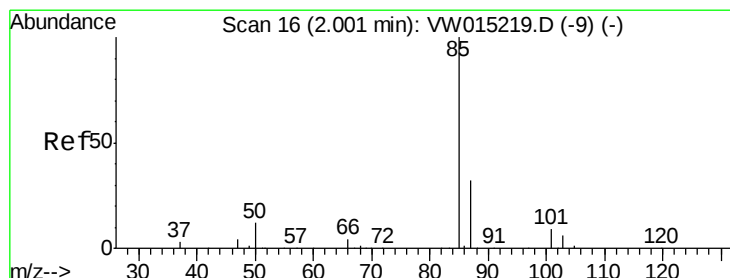
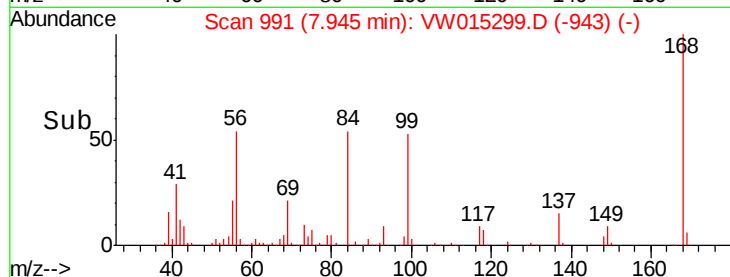
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.778 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015299.D

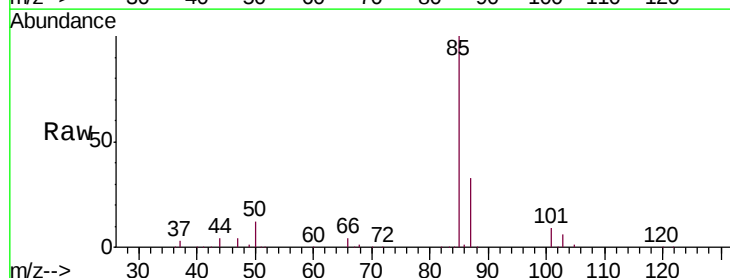
Acq: 22 Apr 2020 11:16

Tgt Ion: 85 Resp: 96860

Ion Ratio Lower Upper

85 100

87 33.1 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

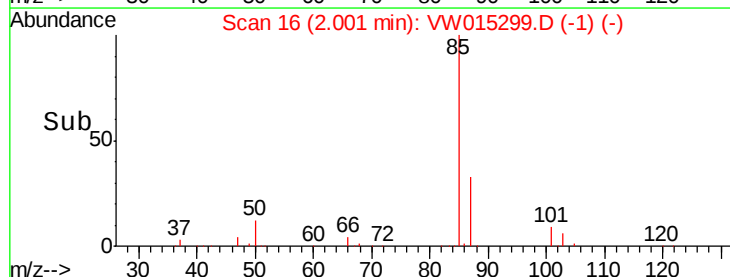
60000

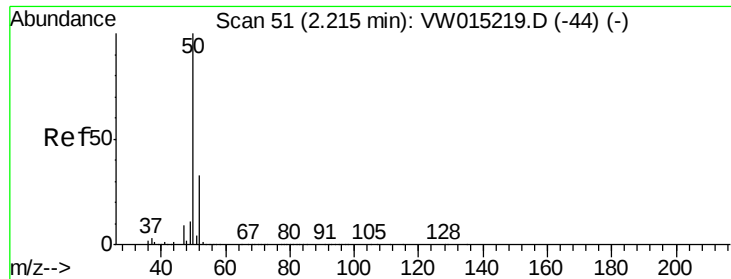
40000

20000

0

Time--> 1.90 1.95 2.00 2.05 2.10

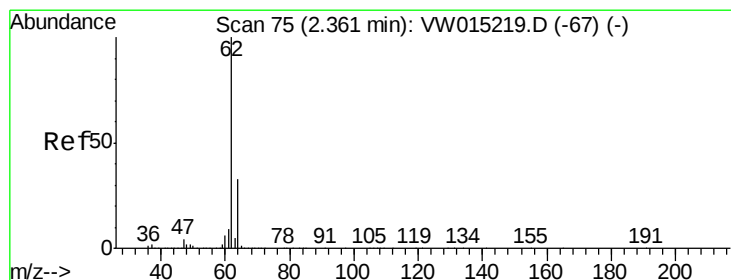
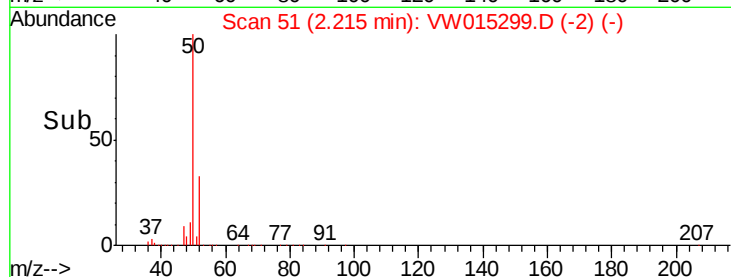
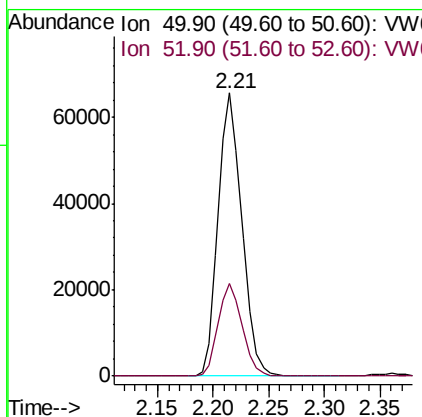
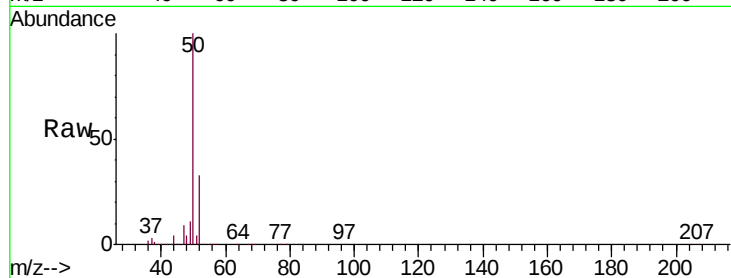




#3
Chloromethane
Concen: 46.857 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

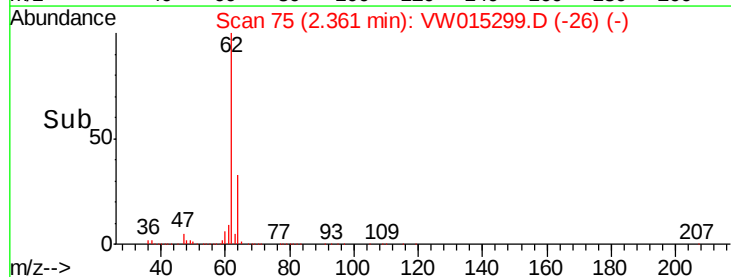
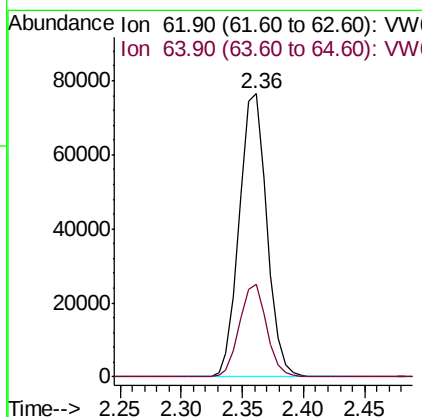
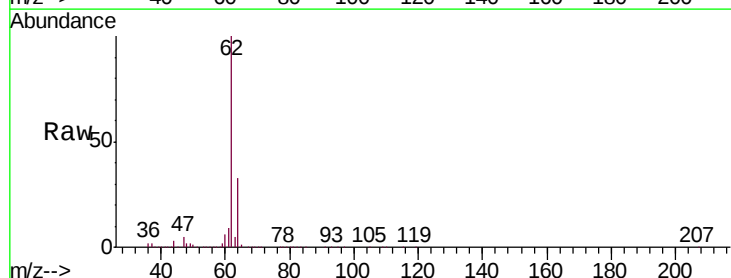
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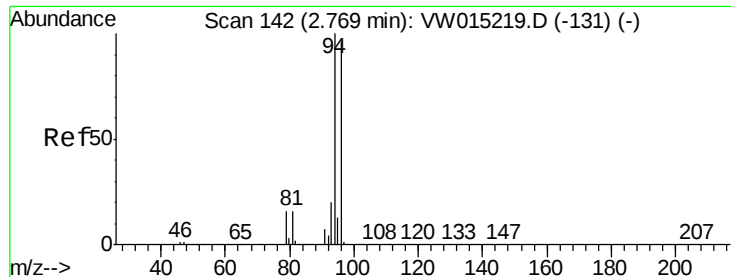
Tgt Ion: 50 Resp: 97333
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 48.673 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 62 Resp: 119390
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 51.277 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

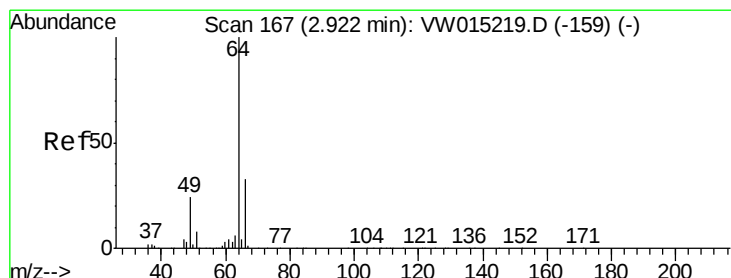
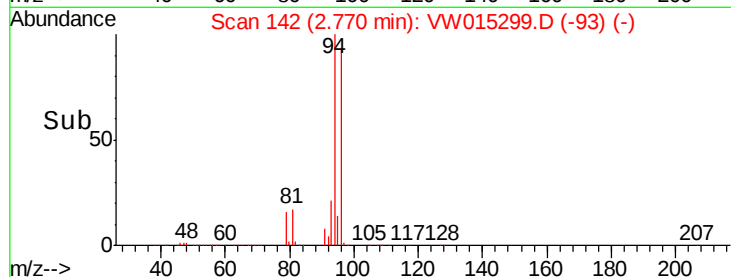
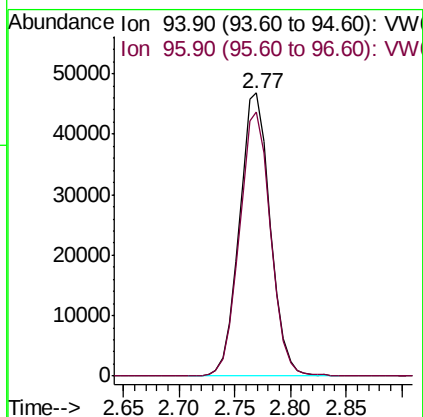
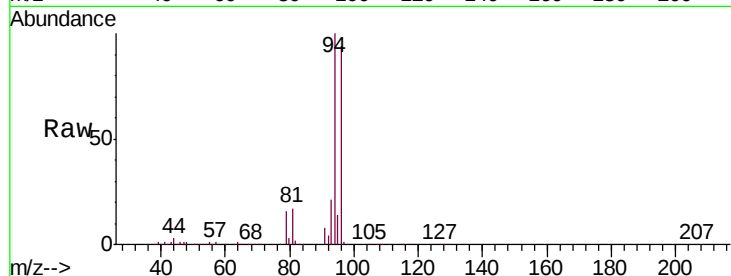
VSTDCCC050

Tgt Ion: 94 Resp: 89430

Ion Ratio Lower Upper

94 100

96 93.7 70.4 105.6



#6

Chloroethane

Concen: 46.512 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015299.D

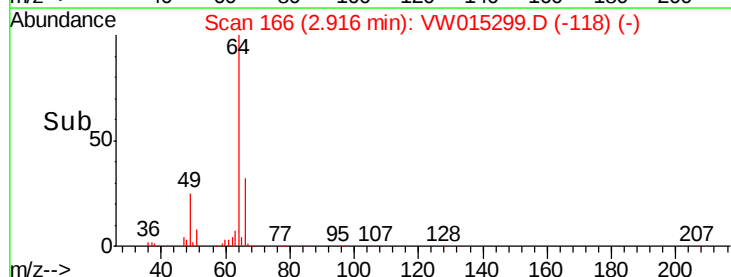
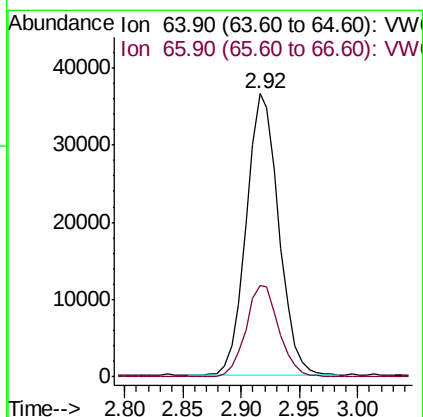
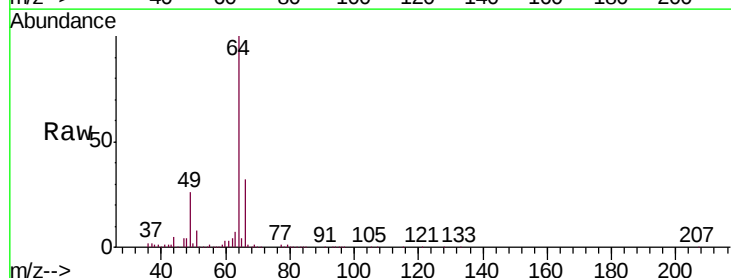
Acq: 22 Apr 2020 11:16

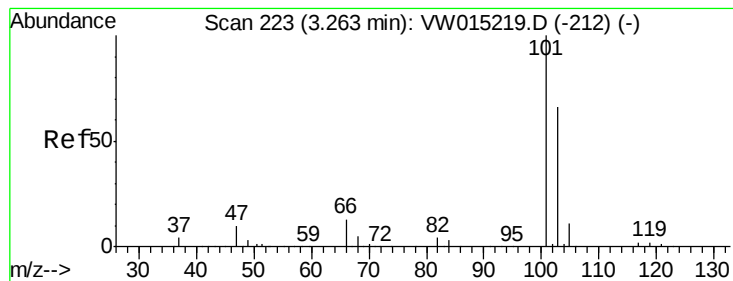
Tgt Ion: 64 Resp: 70769

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6



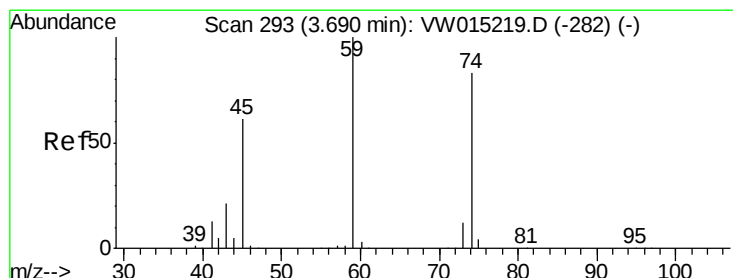
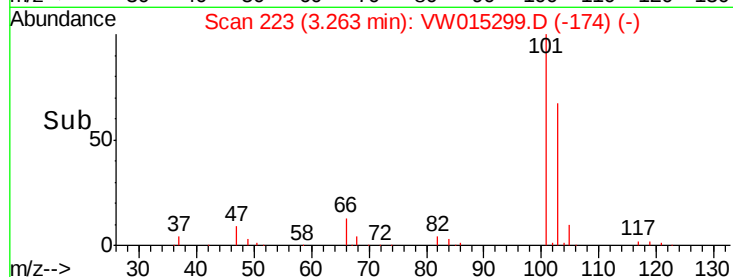
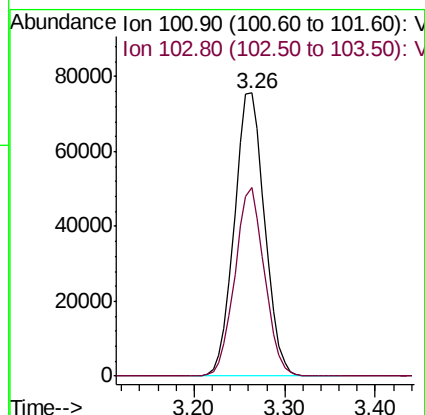
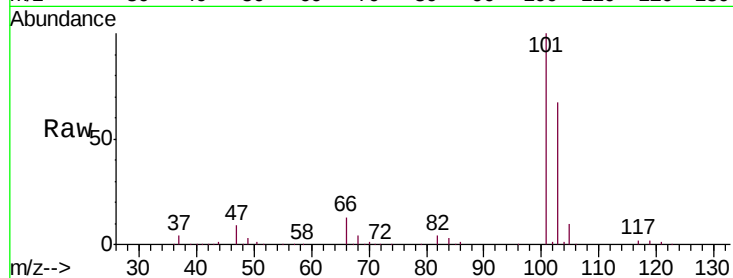


#7

Trichlorofluoromethane
 Concen: 50.586 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015299.D
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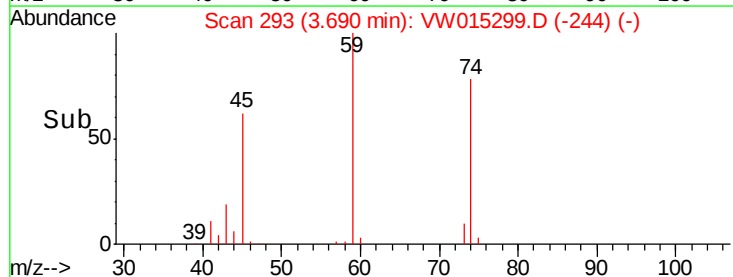
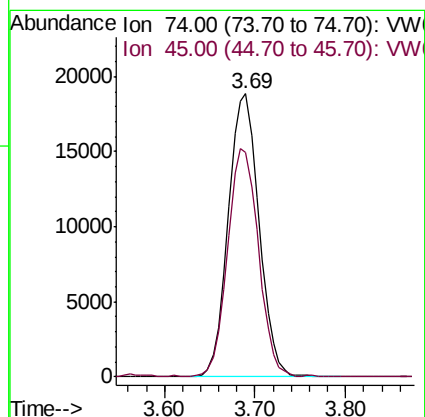
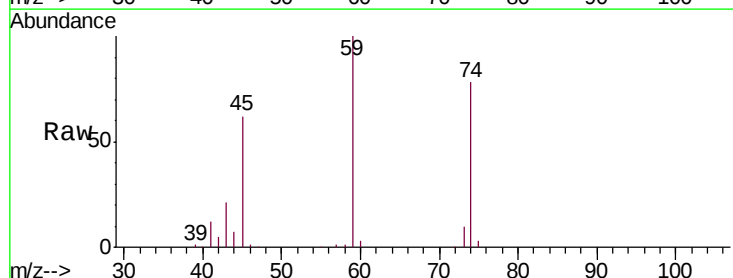
Tgt Ion:101 Resp: 175586
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.3 76.9

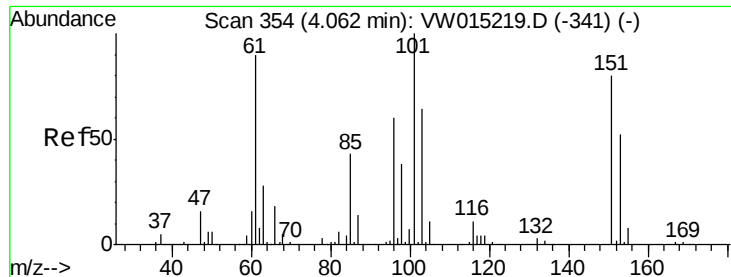


#8

Diethyl Ether
 Concen: 45.572 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion: 74 Resp: 44400
 Ion Ratio Lower Upper
 74 100
 45 80.1 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.142 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

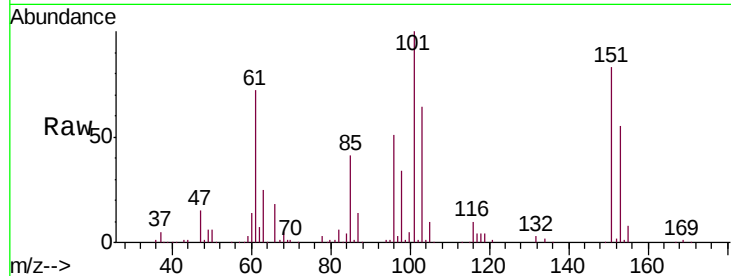
Tgt Ion:101 Resp: 109470

Ion Ratio Lower Upper

101 100

85 42.6 35.3 52.9

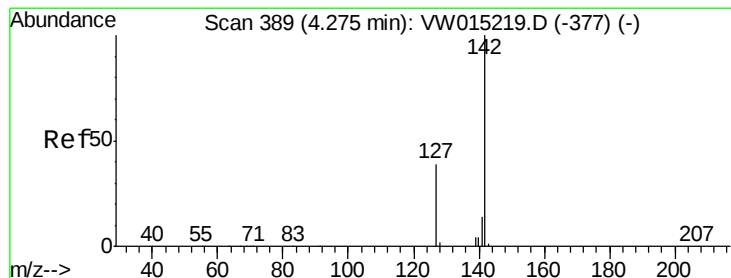
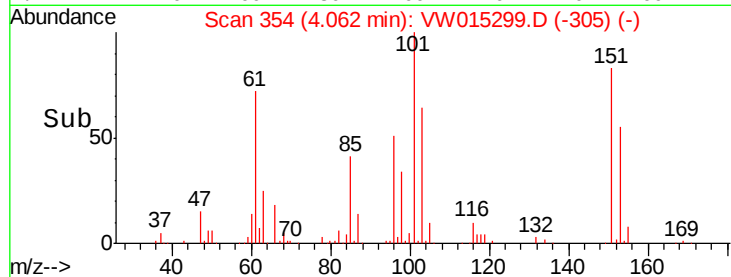
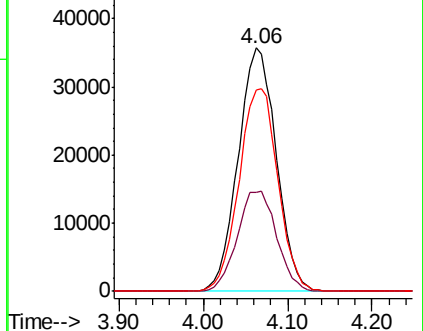
151 85.1 59.3 88.9



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: 57.056 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

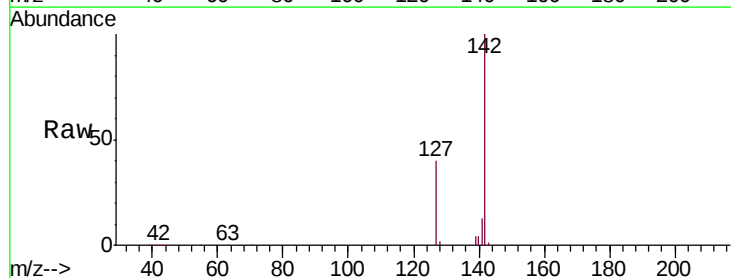
Tgt Ion:142 Resp: 128275

Ion Ratio Lower Upper

142 100

127 40.5 33.9 50.9

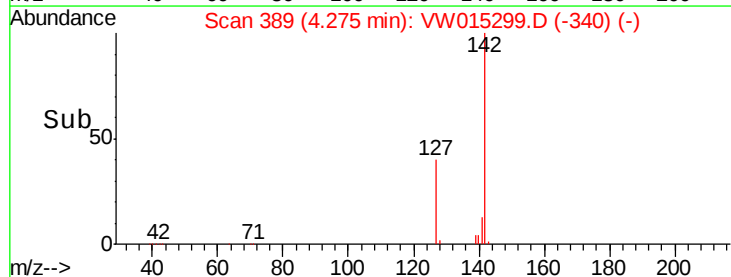
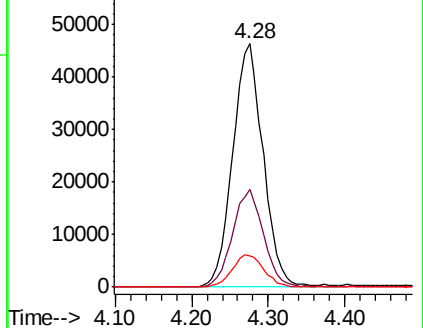
141 13.8 11.4 17.2

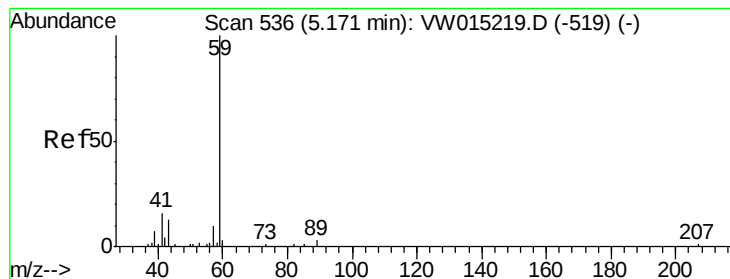


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



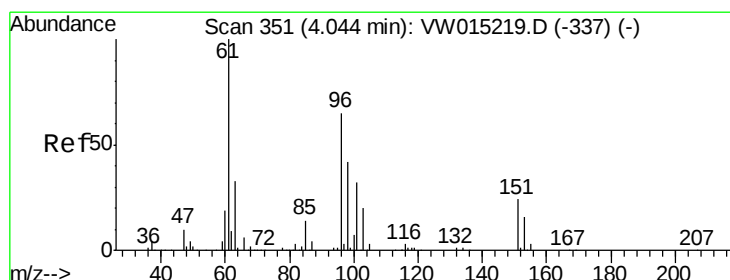
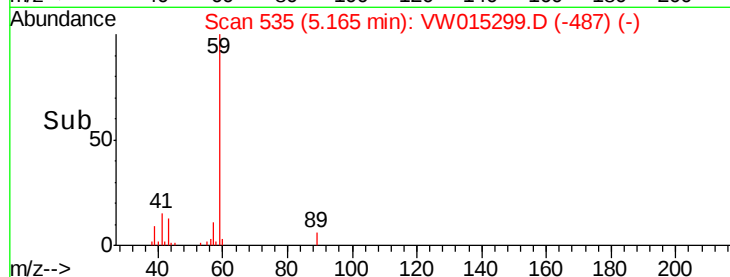
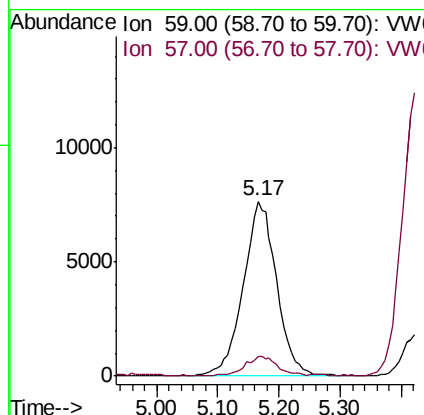
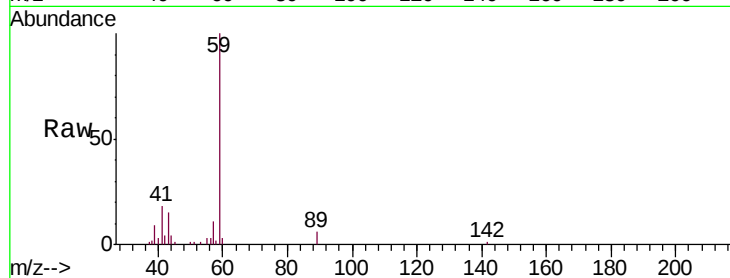


#11

Tert butyl alcohol
 Concen: 180.956 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

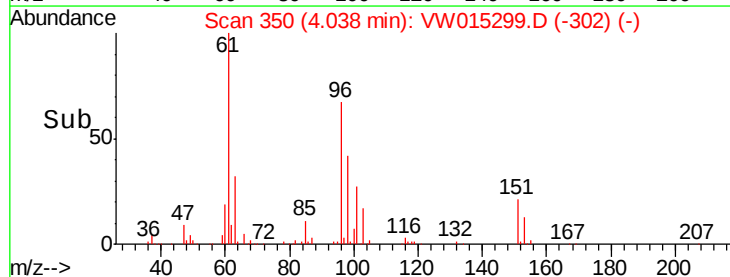
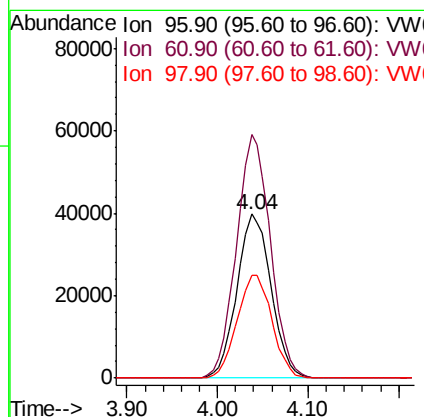
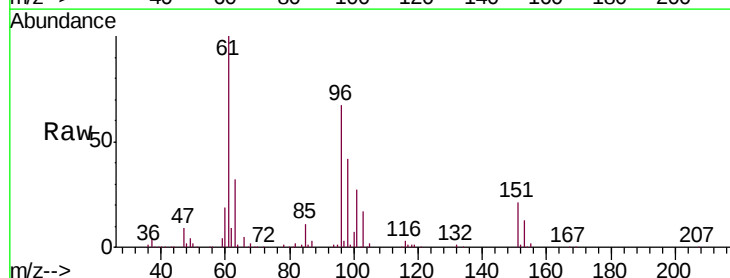
Tgt Ion: 59 Resp: 29137
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

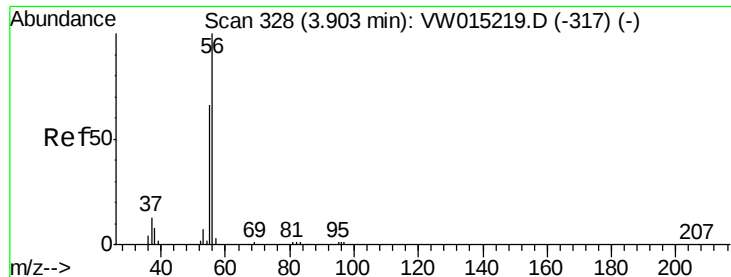


#12

1,1-Dichloroethene
 Concen: 50.316 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion: 96 Resp: 103665
 Ion Ratio Lower Upper
 96 100
 61 148.8 127.0 190.4
 98 63.0 51.0 76.4





#13

Acrolein

Concen: 297.180 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

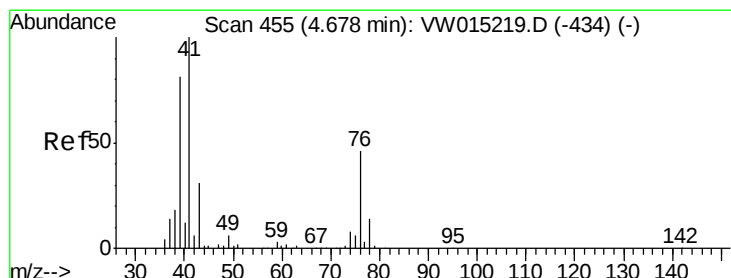
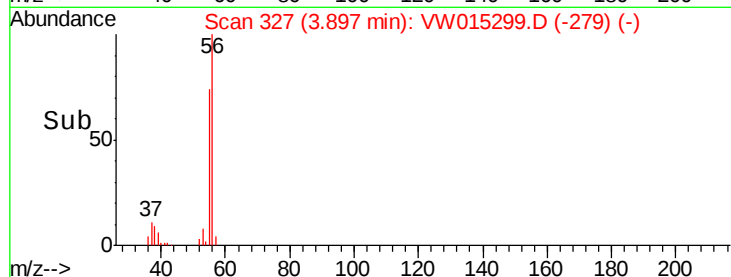
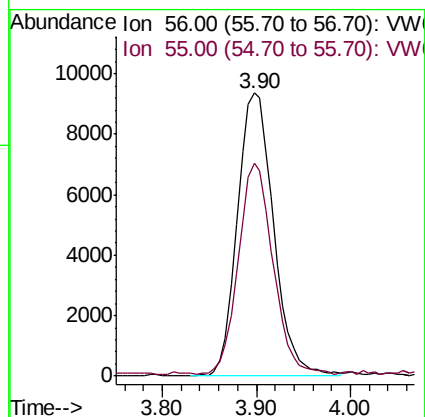
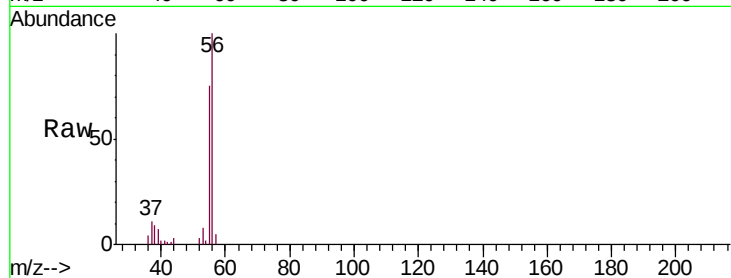
VSTDCCC050

Tgt Ion: 56 Resp: 25045

Ion Ratio Lower Upper

56 100

55 70.9 56.2 84.2



#14

Allyl chloride

Concen: 46.873 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

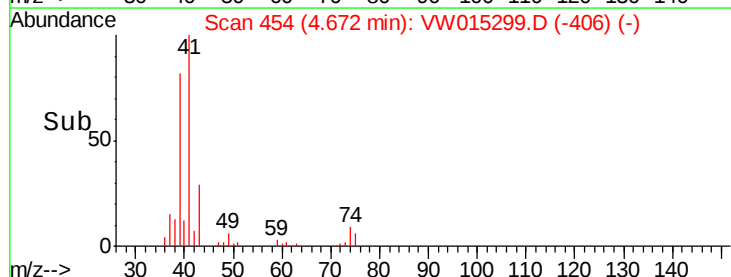
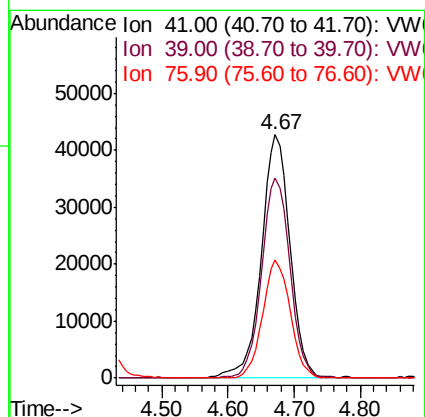
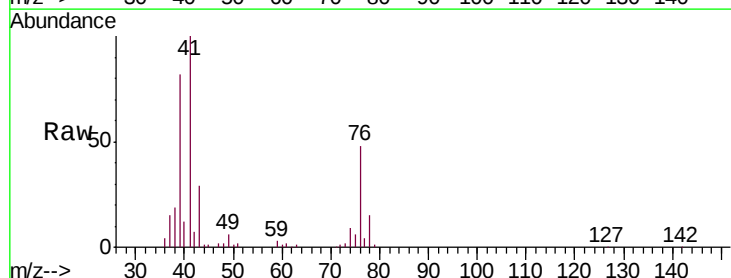
Tgt Ion: 41 Resp: 128113

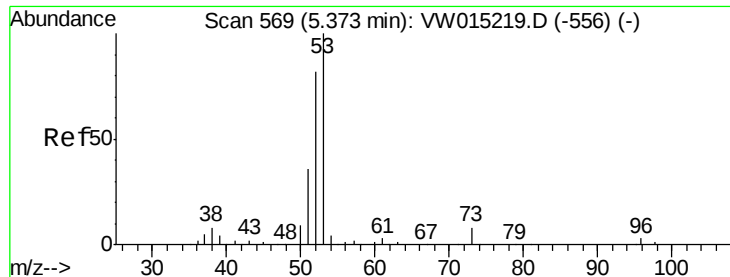
Ion Ratio Lower Upper

41 100

39 81.9 54.0 81.0#

76 46.8 31.8 47.6





#15

Acrylonitrile

Concen: 216.562 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

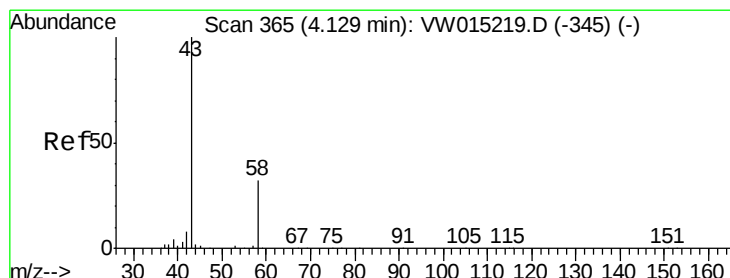
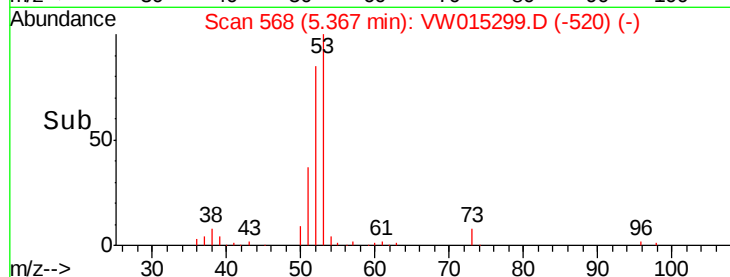
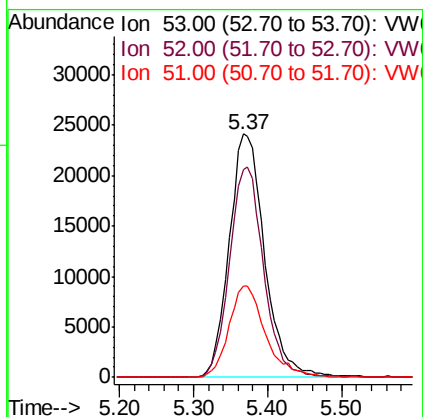
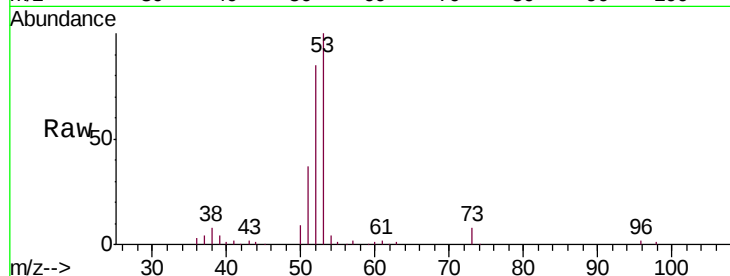
Tgt Ion: 53 Resp: 80294

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

51 38.8 28.2 42.4



#16

Acetone

Concen: 250.084 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015299.D

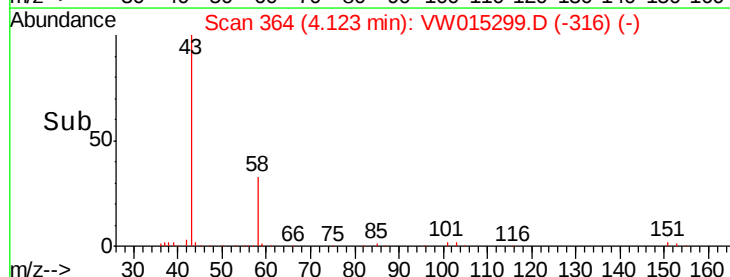
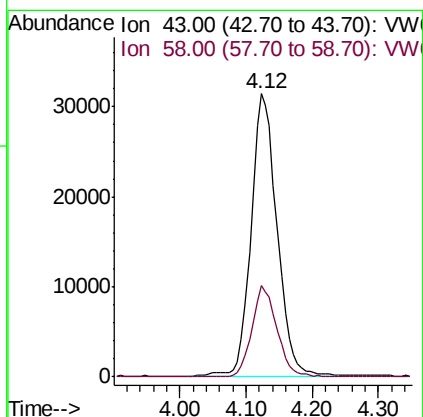
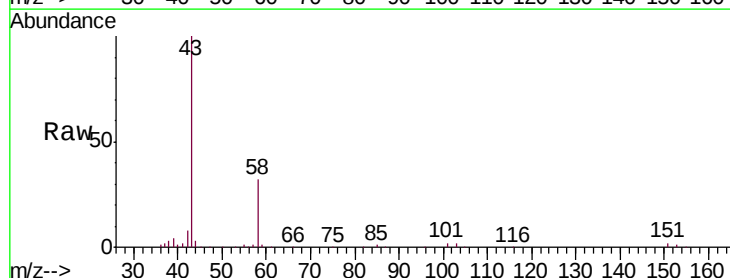
Acq: 22 Apr 2020 11:16

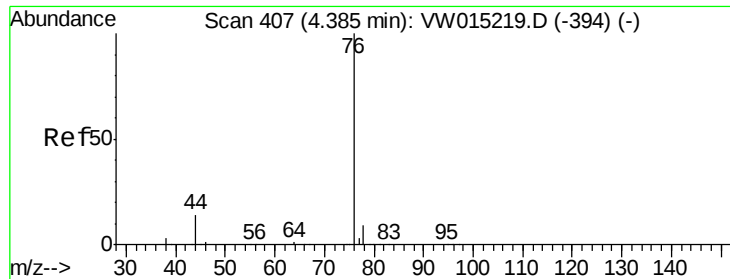
Tgt Ion: 43 Resp: 86280

Ion Ratio Lower Upper

43 100

58 32.5 27.0 40.4

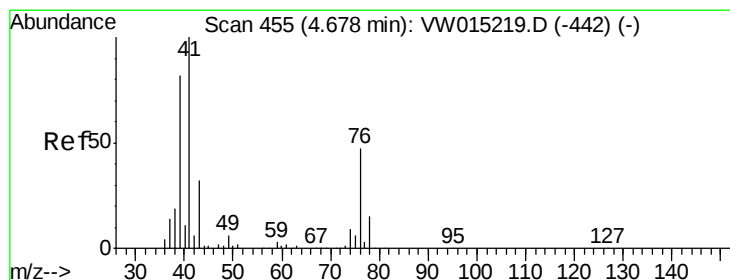
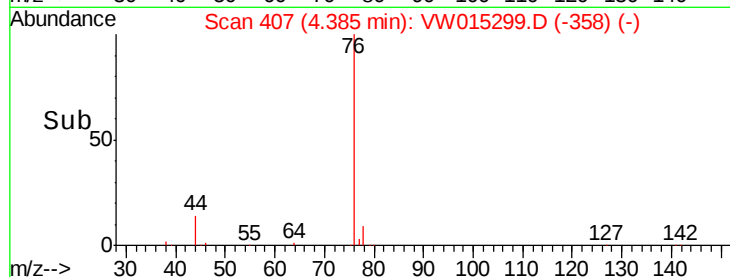
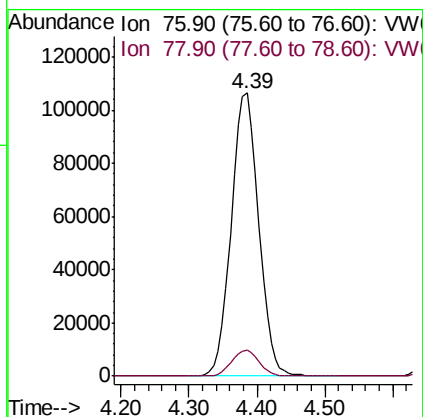
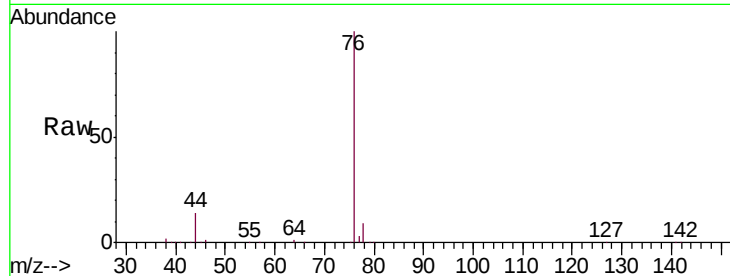




#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

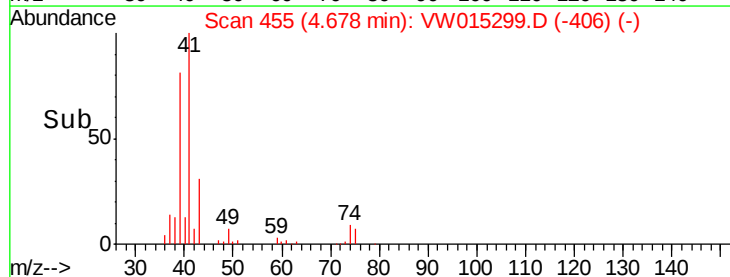
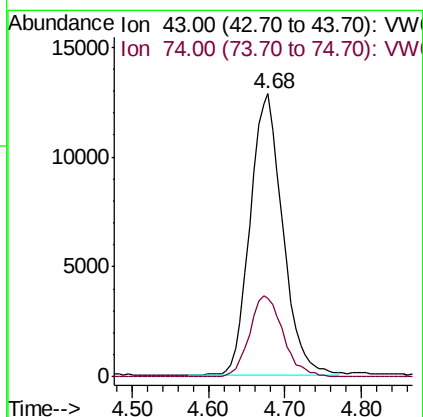
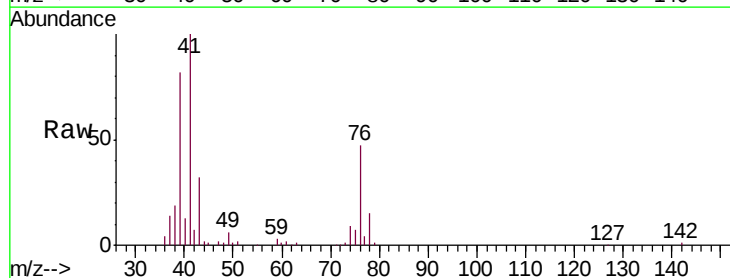
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

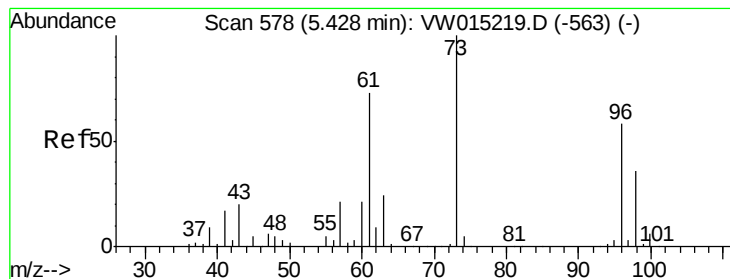
Tgt Ion: 76 Resp: 298737
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 41.692 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 43 Resp: 38074
Ion Ratio Lower Upper
43 100
74 29.5 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 46.637 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

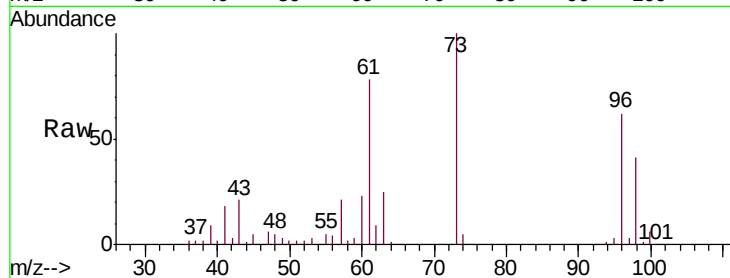
VSTDCCC050

Tgt Ion: 73 Resp: 220572

Ion Ratio Lower Upper

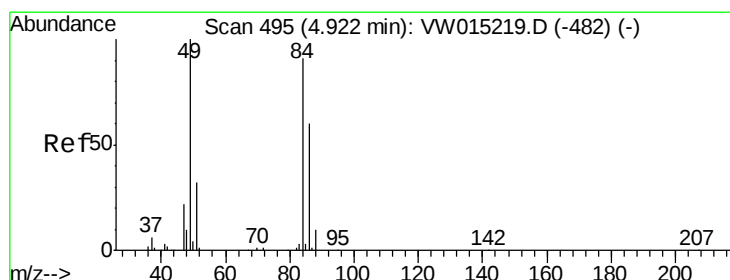
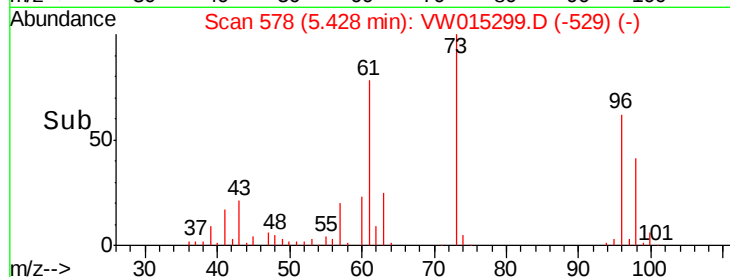
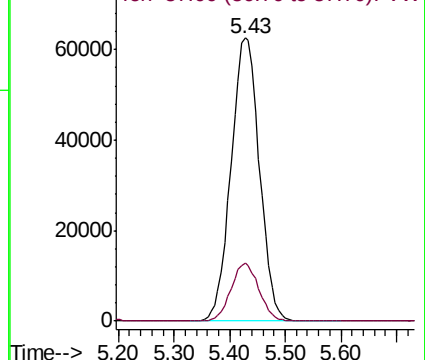
73 100

57 20.5 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 46.769 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Tgt Ion: 84 Resp: 105749

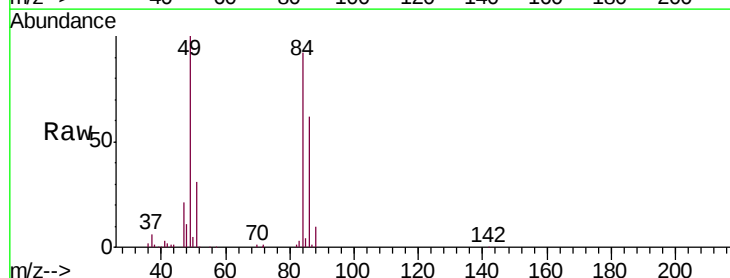
Ion Ratio Lower Upper

84 100

49 109.2 95.4 143.0

51 33.7 29.8 44.8

86 67.6 47.4 71.0

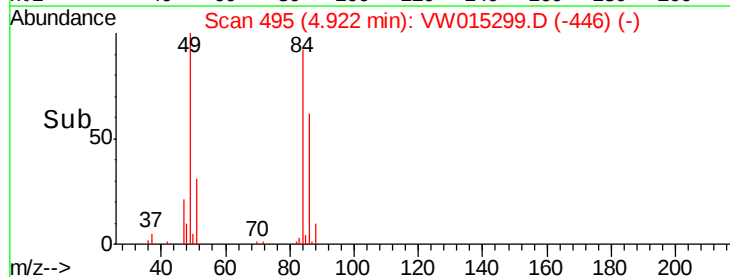
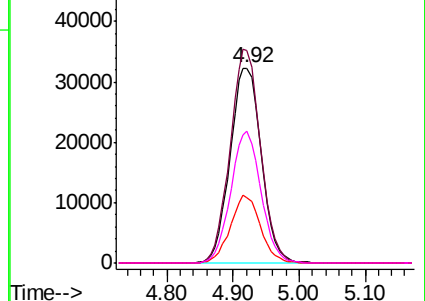


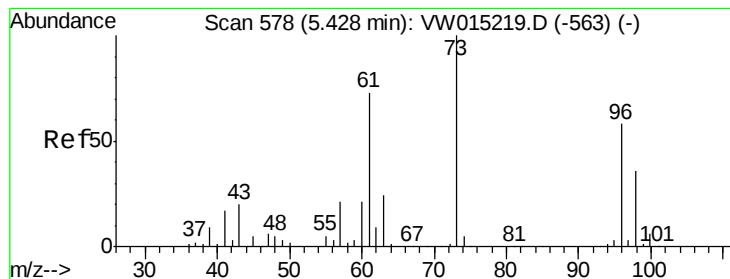
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 50.577 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

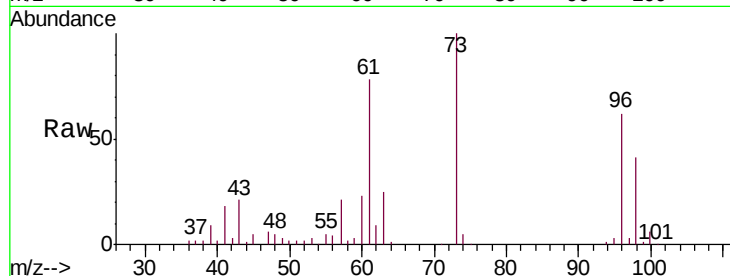
Tgt Ion: 96 Resp: 118180

Ion Ratio Lower Upper

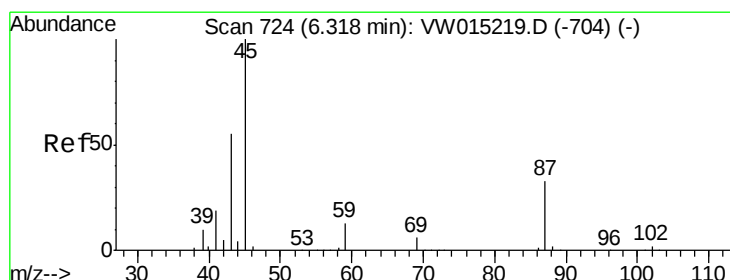
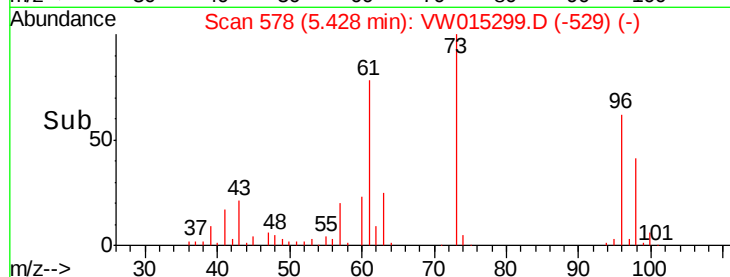
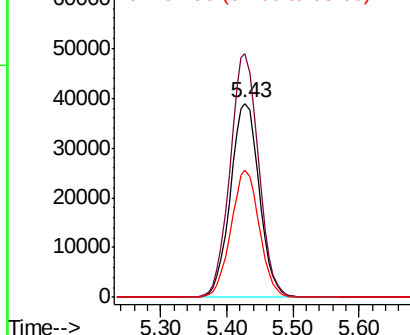
96 100

61 125.3 107.8 161.6

98 65.5 50.2 75.2



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



#22

Diisopropyl ether

Concen: 46.441 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Tgt Ion: 45 Resp: 243509

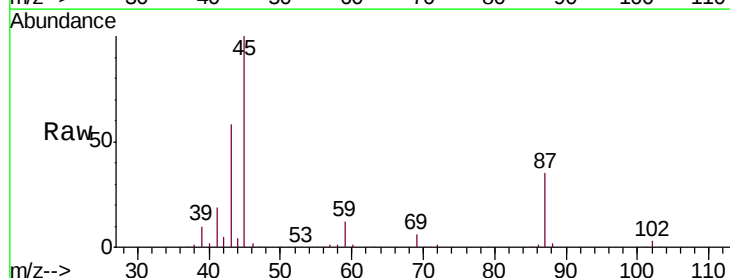
Ion Ratio Lower Upper

45 100

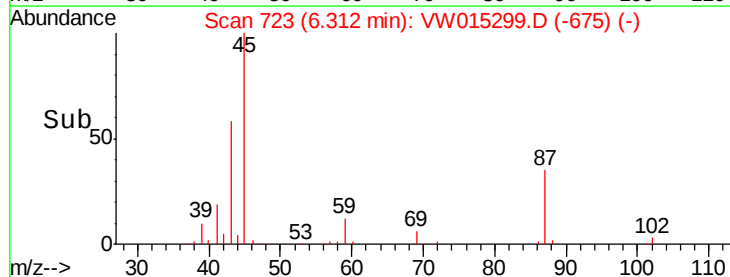
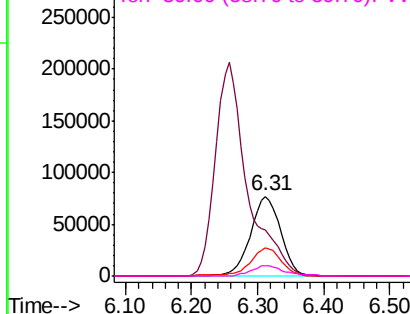
43 57.0 41.8 62.6

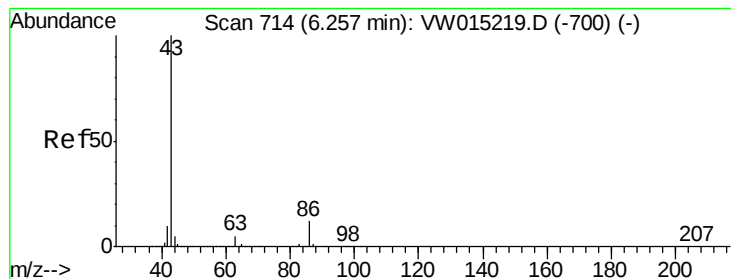
87 35.5 23.2 34.8#

59 12.3 9.6 14.4



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: 224.789 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

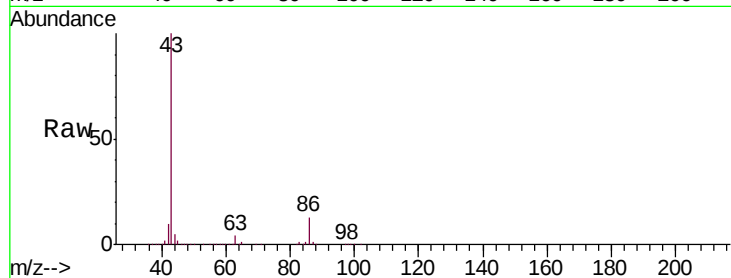
VSTDCCC050

Tgt Ion: 43 Resp: 691664

Ion Ratio Lower Upper

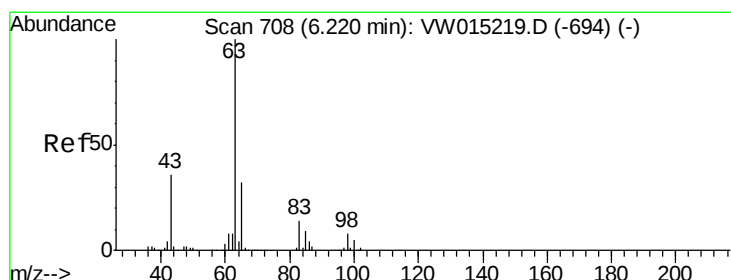
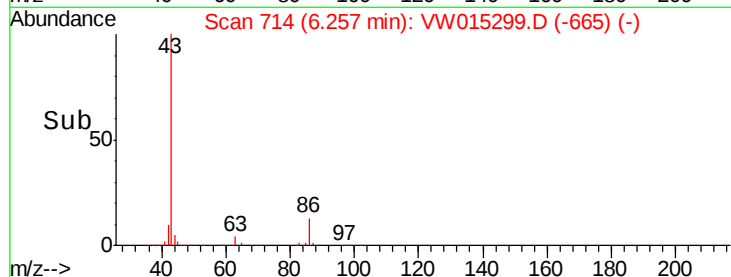
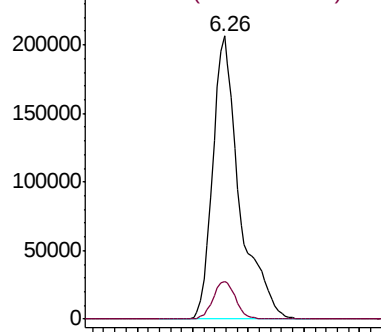
43 100

86 13.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.686 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

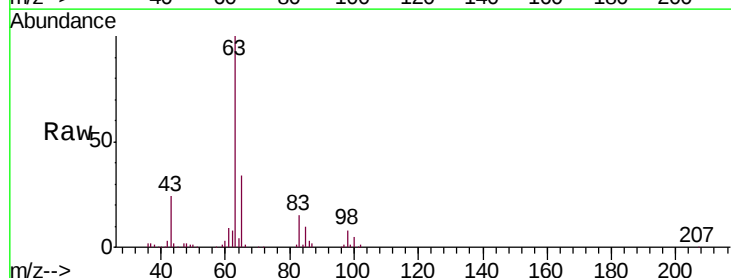
Tgt Ion: 63 Resp: 176920

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

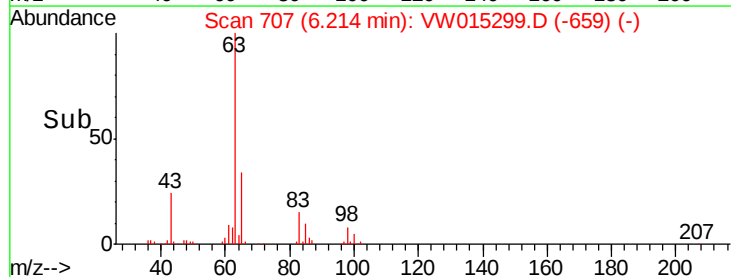
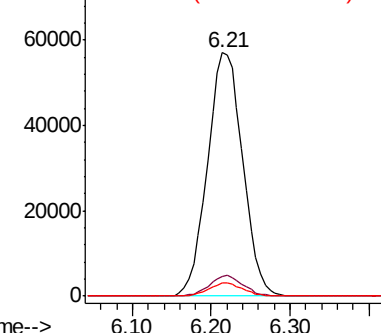
100 5.2 2.4 7.2

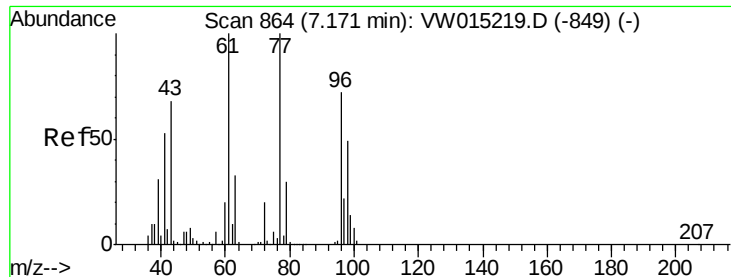


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 224.432 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

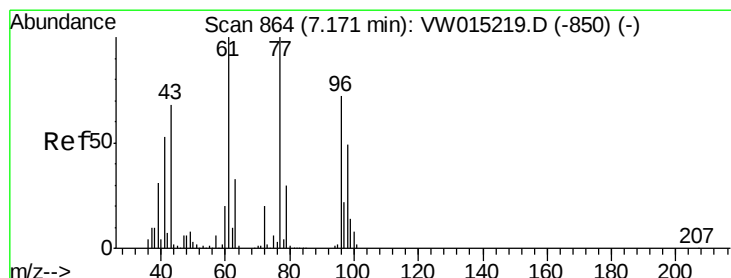
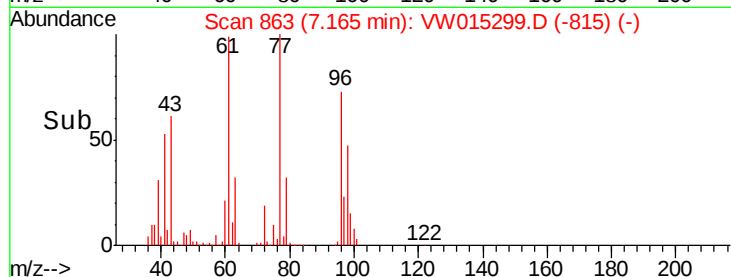
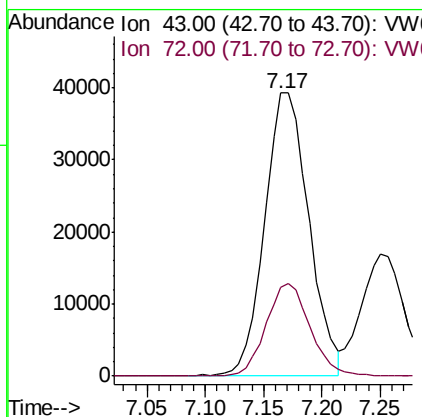
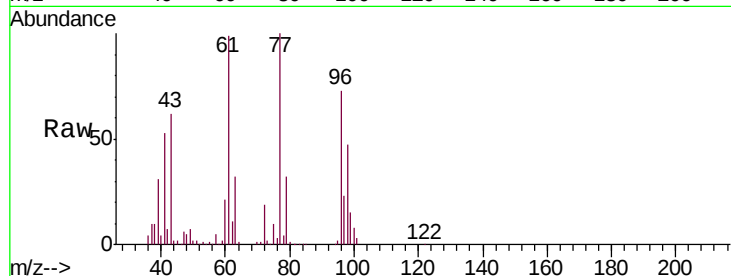
VSTDCCC050

Tgt Ion: 43 Resp: 102729

Ion Ratio Lower Upper

43 100

72 31.3 21.6 32.4



#26

2,2-Dichloropropane

Concen: 48.150 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015299.D

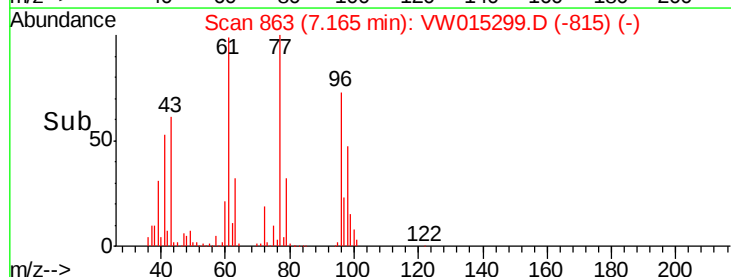
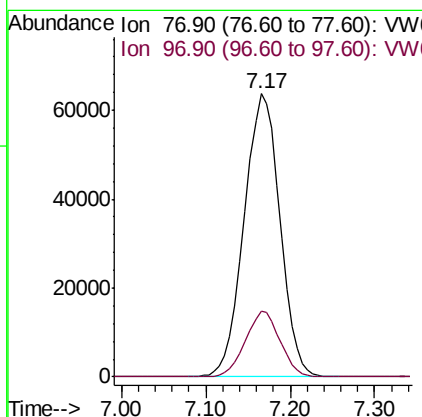
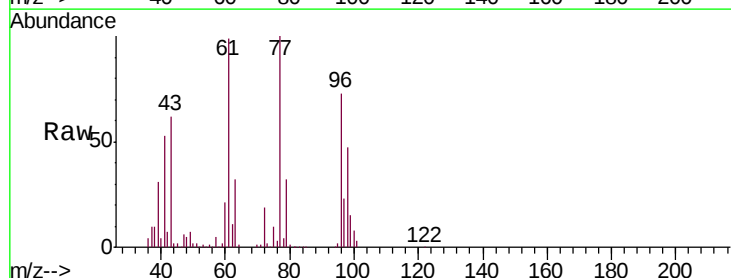
Acq: 22 Apr 2020 11:16

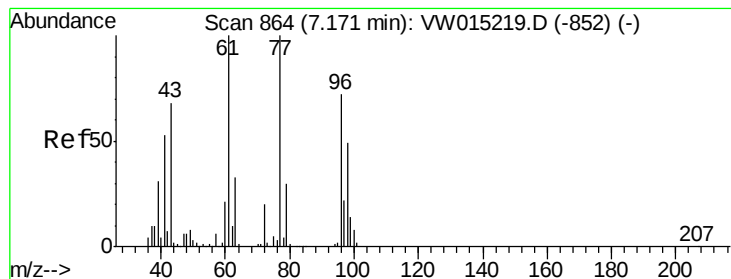
Tgt Ion: 77 Resp: 184079

Ion Ratio Lower Upper

77 100

97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.783 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

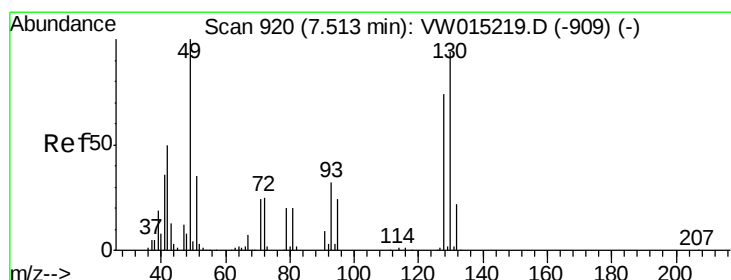
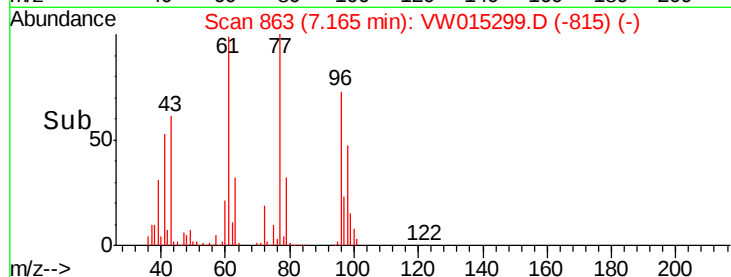
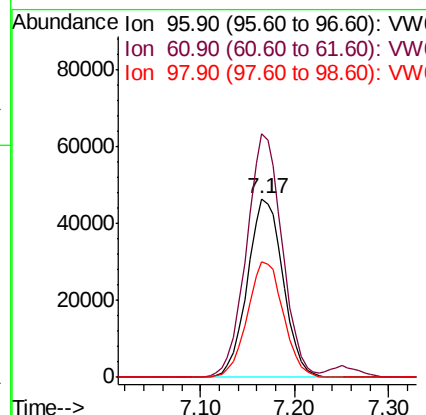
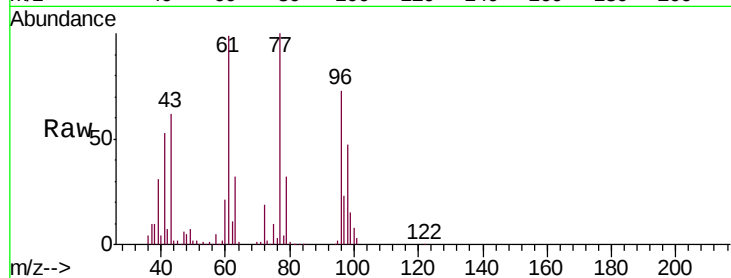
Tgt Ion: 96 Resp: 123060

Ion Ratio Lower Upper

96 100

61 136.3 0.0 275.0

98 65.4 0.0 130.8



#28

Bromochloromethane

Concen: 45.167 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

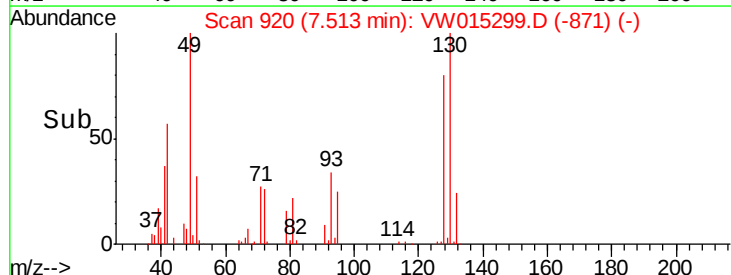
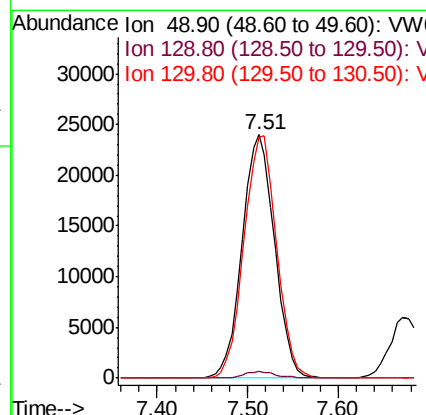
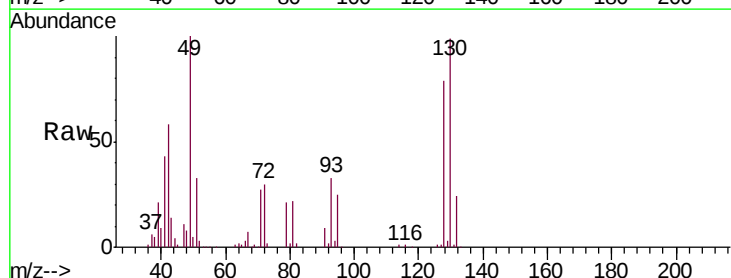
Tgt Ion: 49 Resp: 59676

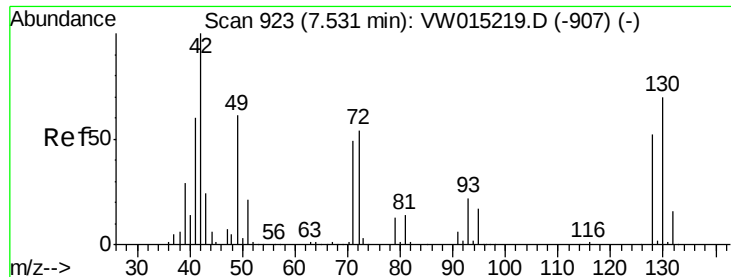
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 99.8 60.9 91.3#





#29

Tetrahydrofuran

Concen: 209.052 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

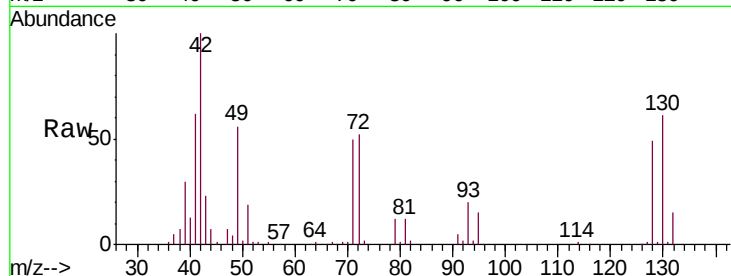
Tgt Ion: 42 Resp: 59616

Ion Ratio Lower Upper

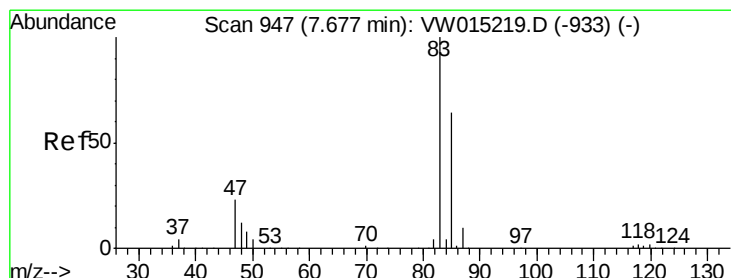
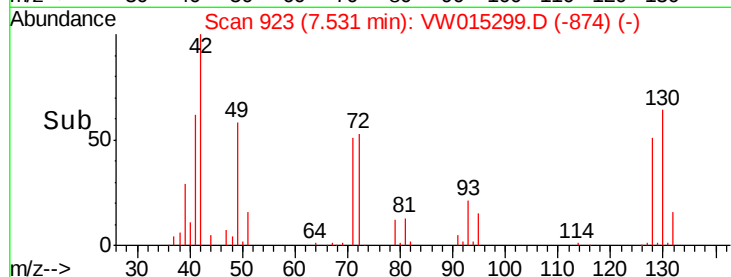
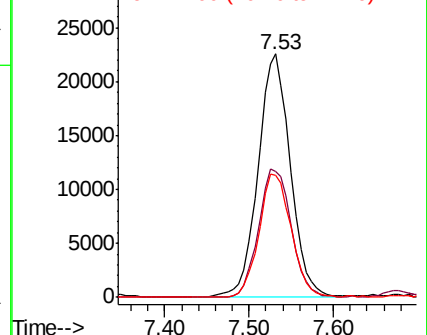
42 100

72 53.5 36.2 54.2

71 50.7 34.2 51.4



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



#30

Chloroform

Concen: 48.999 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015299.D

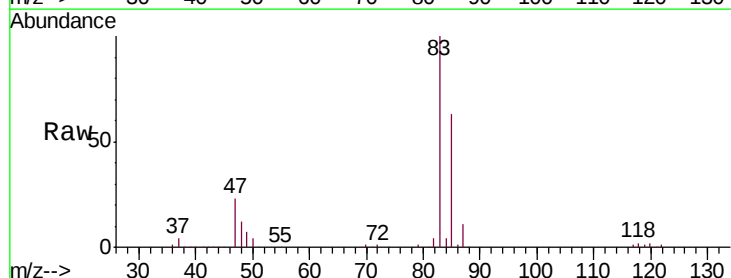
Acq: 22 Apr 2020 11:16

Tgt Ion: 83 Resp: 192177

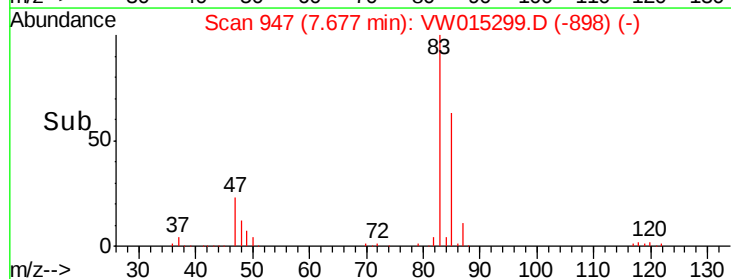
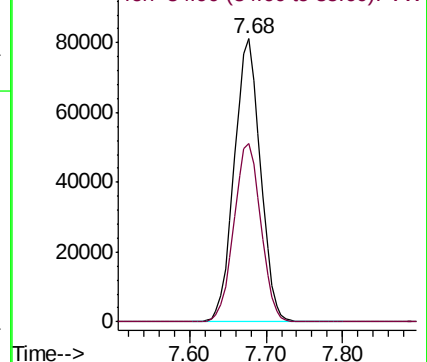
Ion Ratio Lower Upper

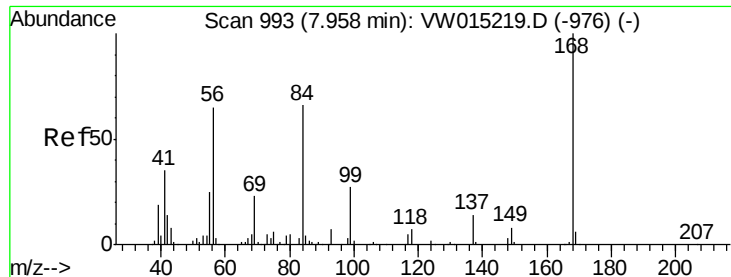
83 100

85 62.9 50.9 76.3



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

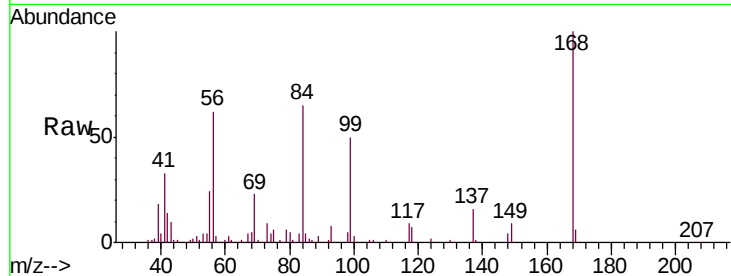




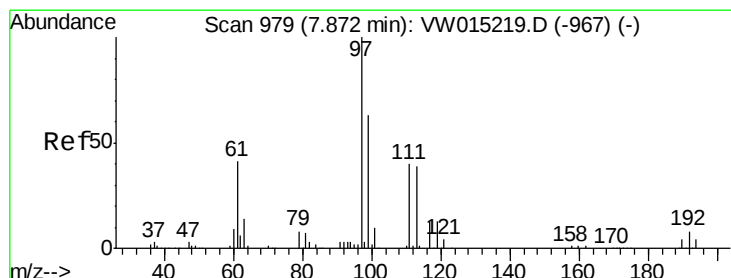
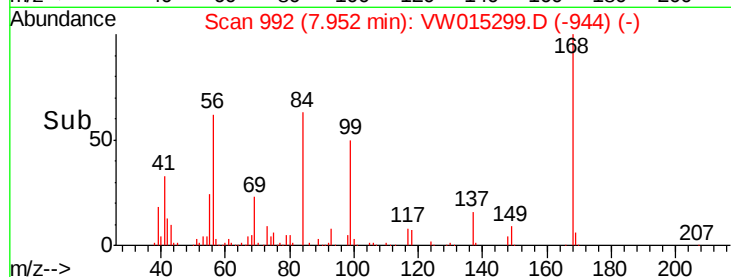
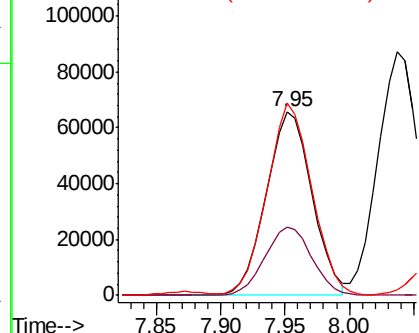
#31
Cyclohexane
Concen: 44.525 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 162641
Ion Ratio Lower Upper
56 100
69 37.5 27.1 40.7
84 102.7 71.9 107.9

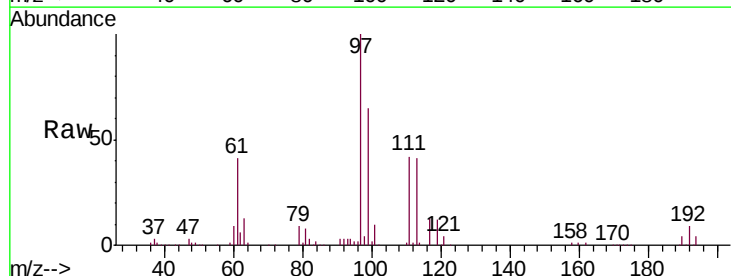


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

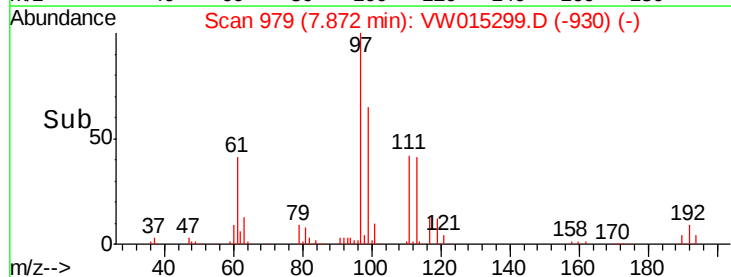
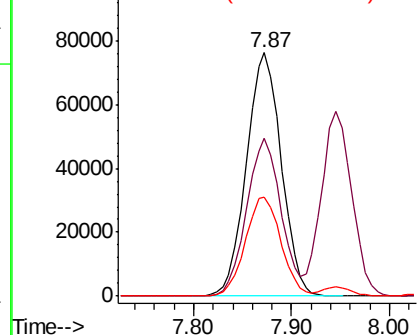


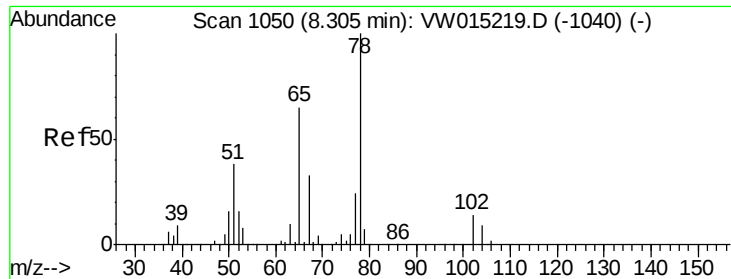
#32
1,1,1-Trichloroethane
Concen: 49.781 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 97 Resp: 188434
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 41.6 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 47.714 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

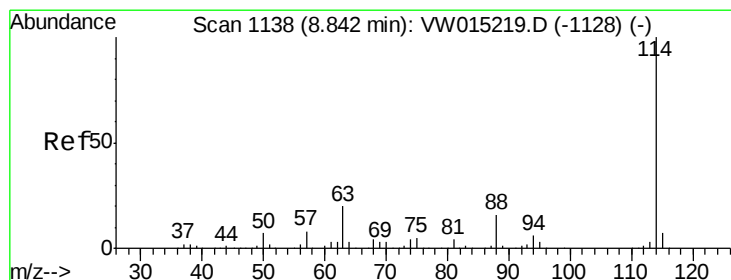
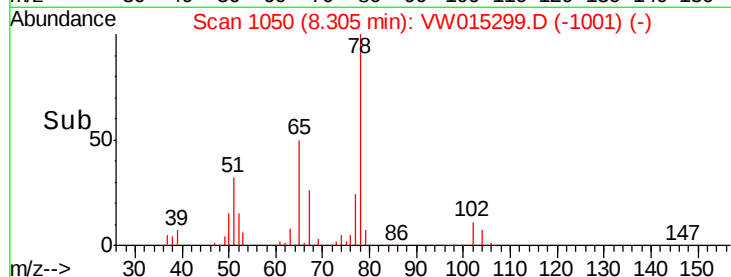
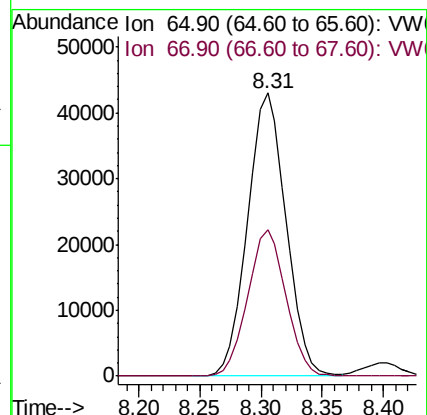
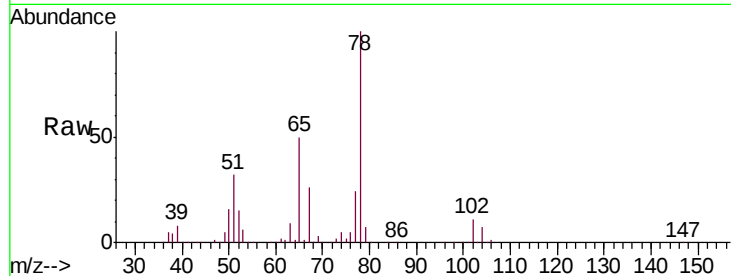
VSTDCCC050

Tgt Ion: 65 Resp: 94247

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

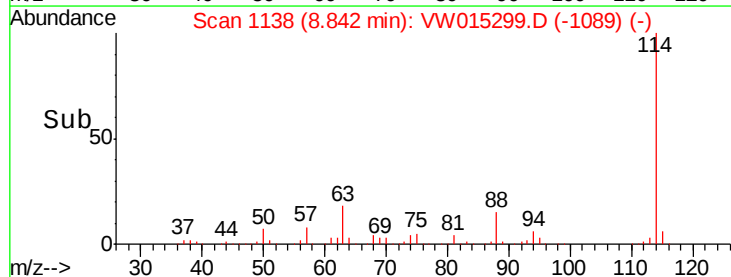
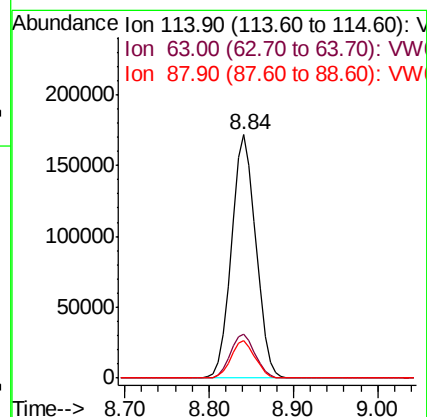
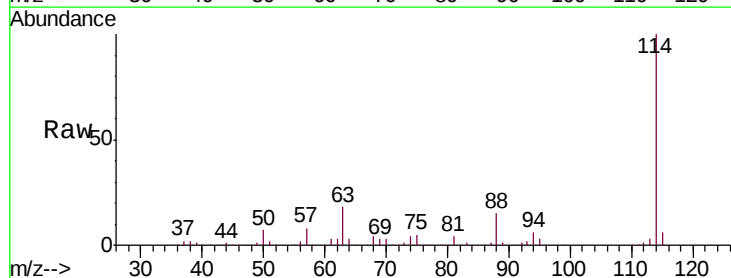
Tgt Ion: 114 Resp: 337311

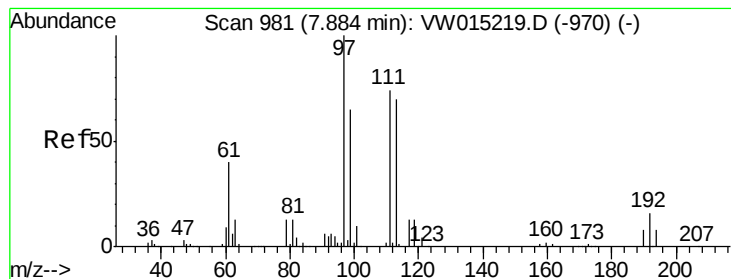
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.504 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

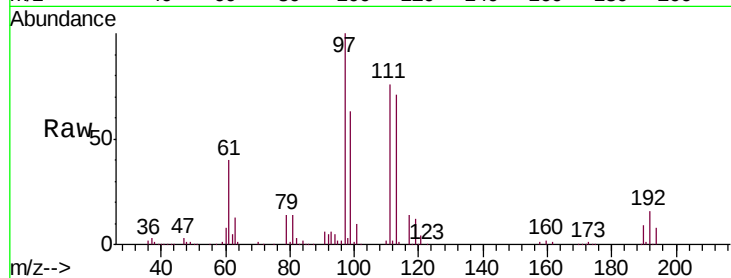
Tgt Ion:113 Resp: 96232

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

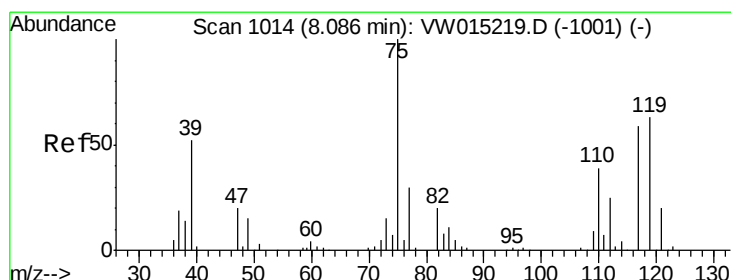
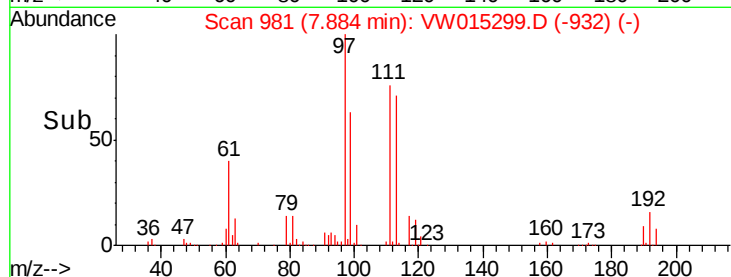
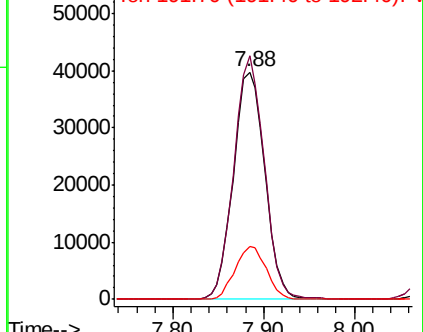
192 23.2 15.1 22.7#



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: 50.413 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

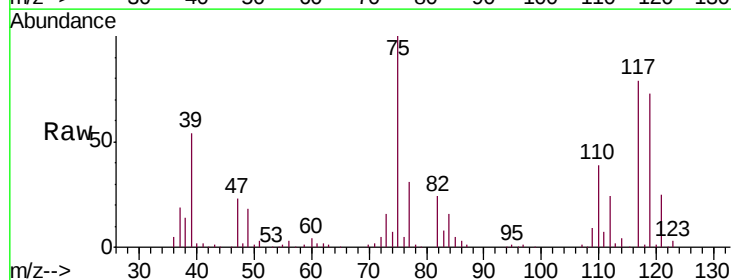
Tgt Ion: 75 Resp: 153480

Ion Ratio Lower Upper

75 100

110 38.2 18.2 54.6

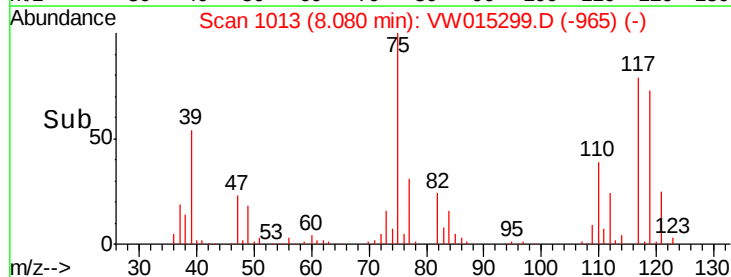
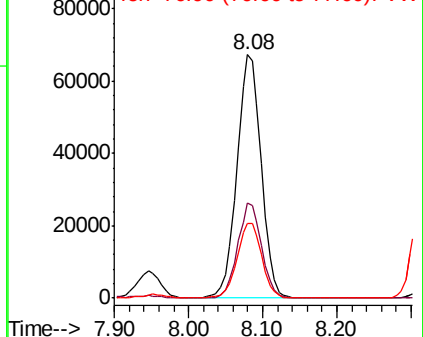
77 31.4 24.5 36.7

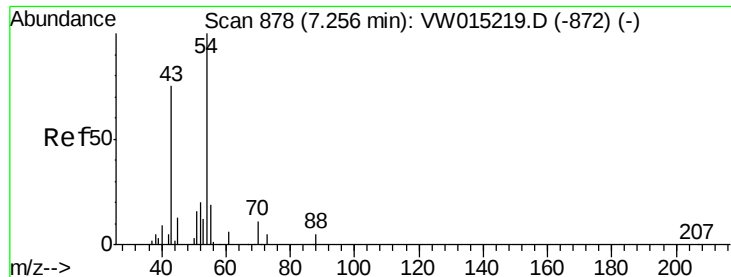


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

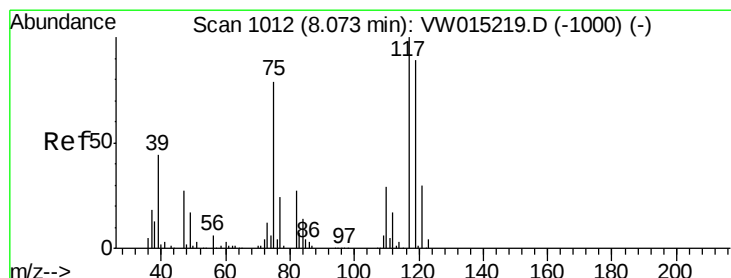
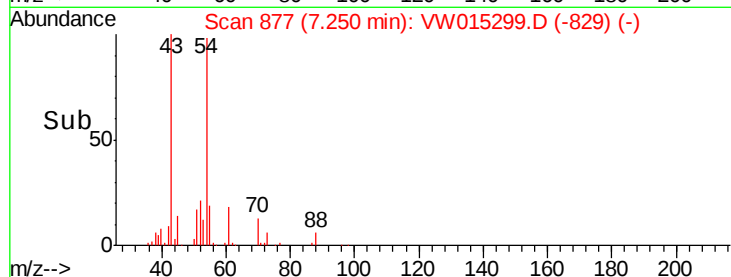
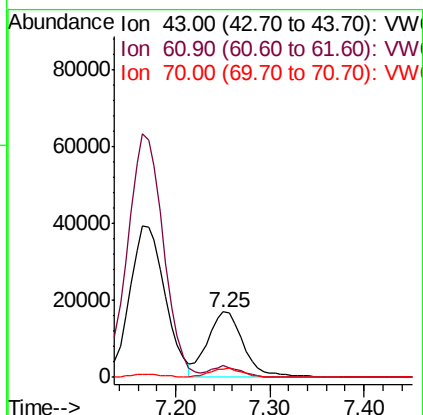
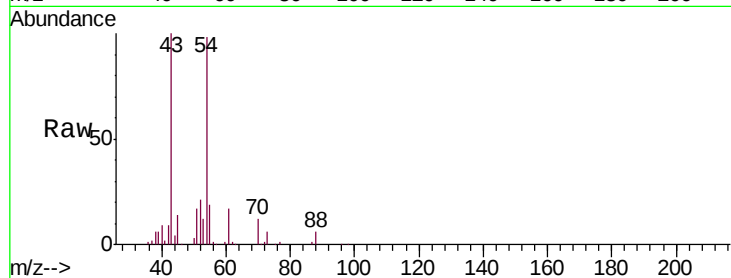




#37
Ethyl Acetate
Concen: 45.025 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

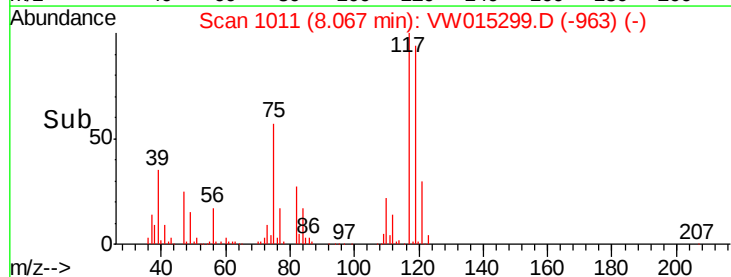
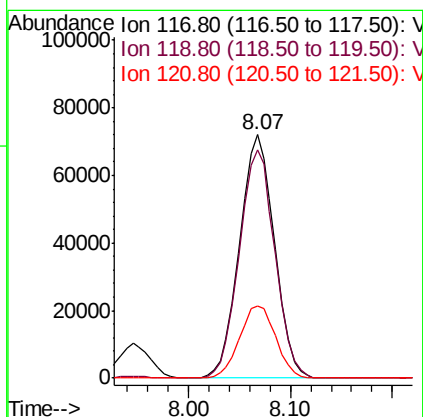
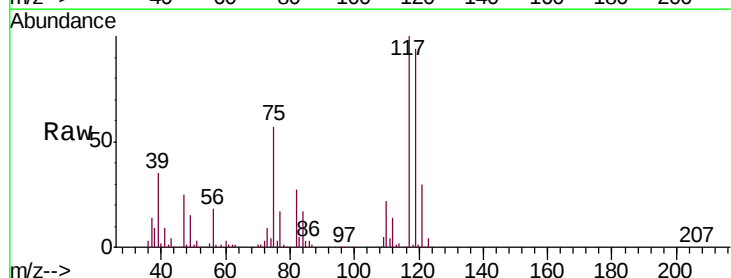
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

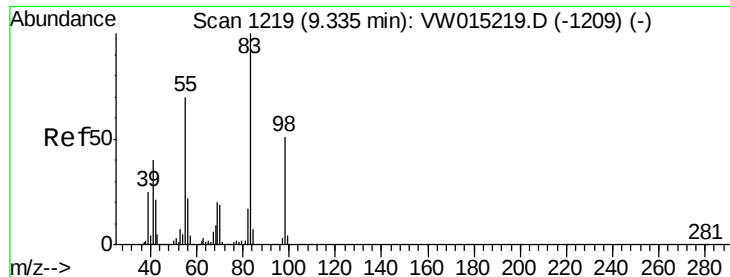
Tgt Ion: 43 Resp: 44487
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 12.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.527 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 117 Resp: 171428
Ion Ratio Lower Upper
117 100
119 93.8 72.3 108.5
121 29.7 23.7 35.5





#39

Methylcyclohexane

Concen: 49.425 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

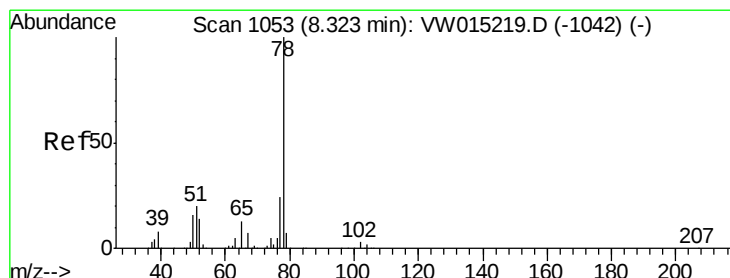
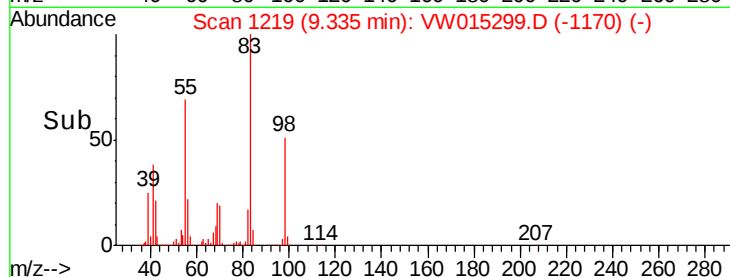
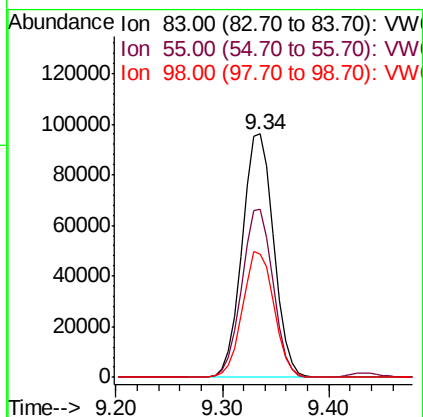
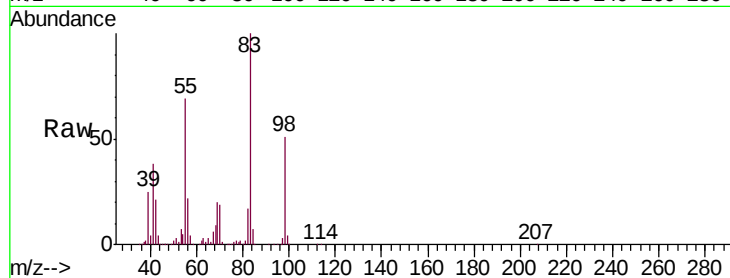
Tgt Ion: 83 Resp: 200274

Ion Ratio Lower Upper

83 100

55 68.9 58.1 87.1

98 50.9 40.2 60.4



#40

Benzene

Concen: 50.094 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015299.D

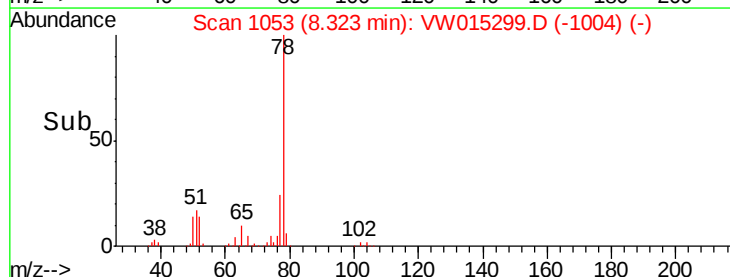
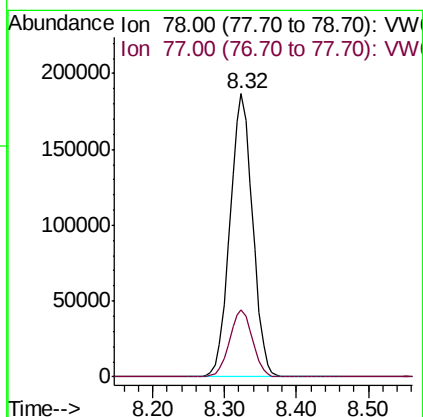
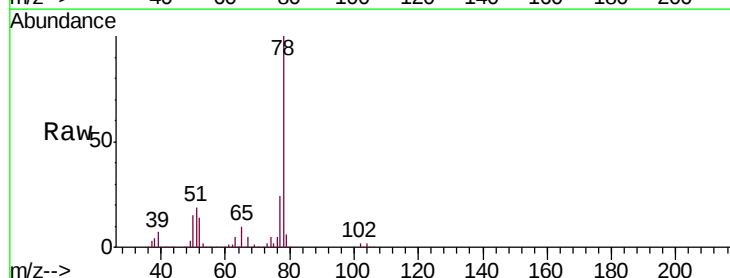
Acq: 22 Apr 2020 11:16

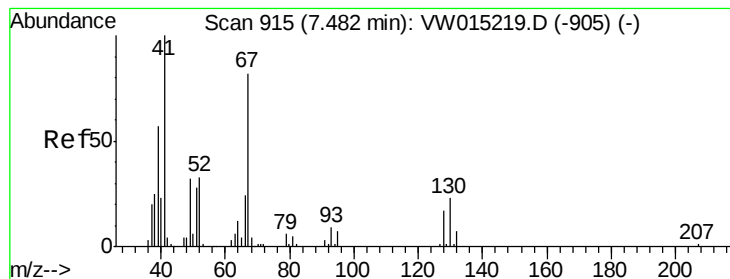
Tgt Ion: 78 Resp: 407392

Ion Ratio Lower Upper

78 100

77 23.6 18.2 27.2





#41

Methacrylonitrile

Concen: 42.865 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 25412

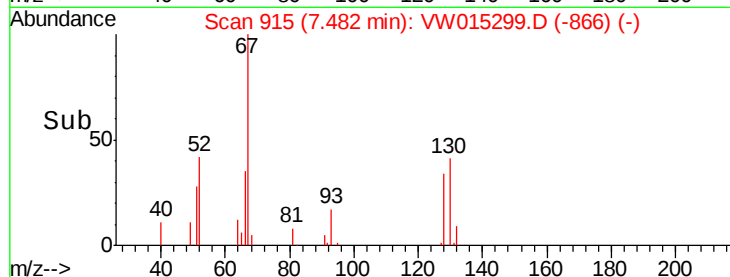
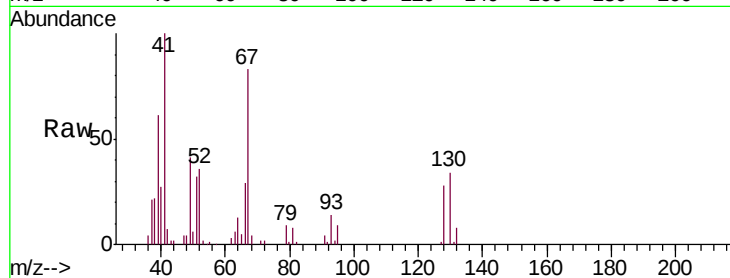
Ion Ratio Lower Upper

41 100

39 66.3 41.9 62.9#

67 85.9 60.6 91.0

52 35.1 23.8 35.8

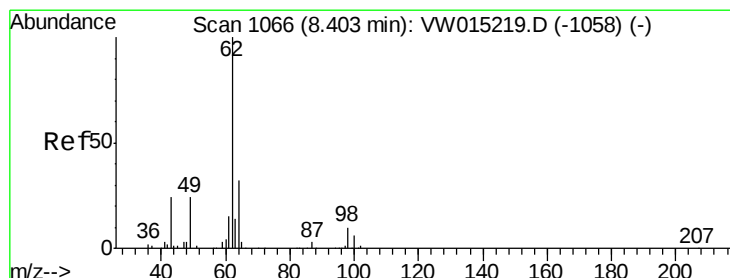
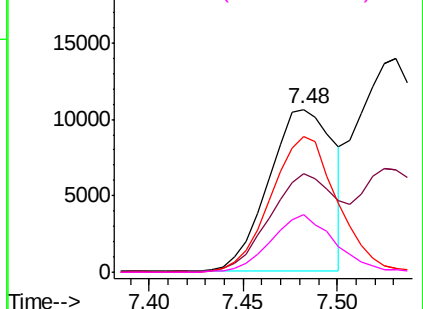


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 48.877 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015299.D

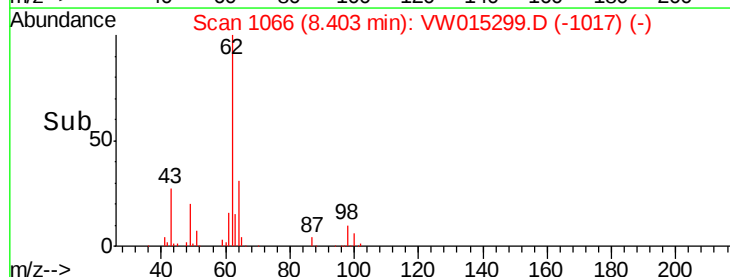
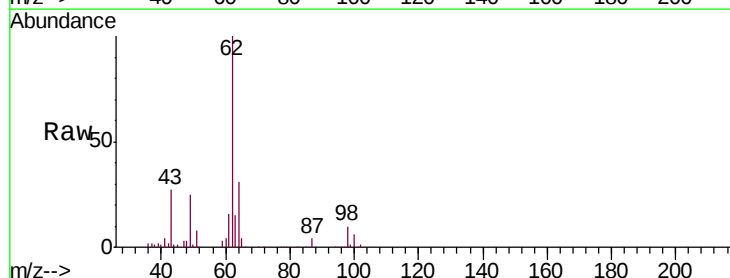
Acq: 22 Apr 2020 11:16

Tgt Ion: 62 Resp: 117016

Ion Ratio Lower Upper

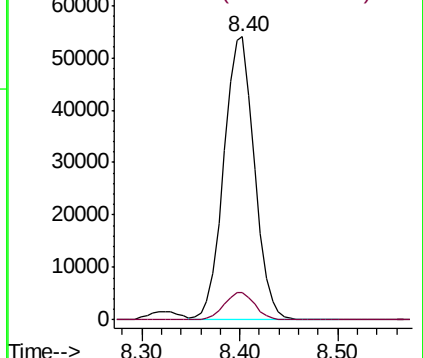
62 100

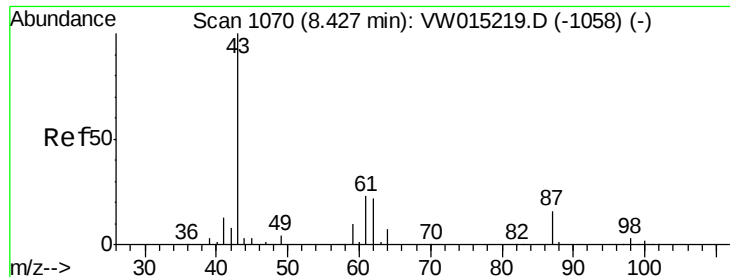
98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 43.460 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

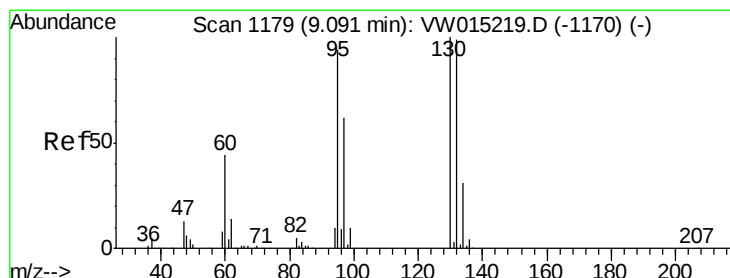
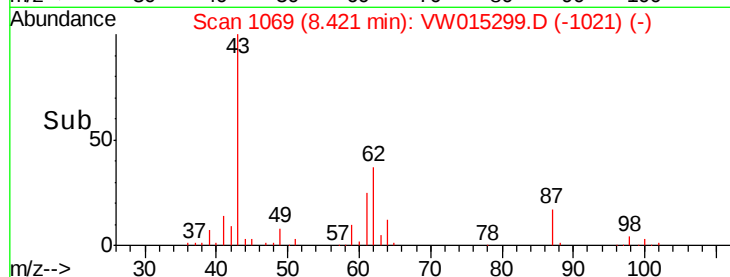
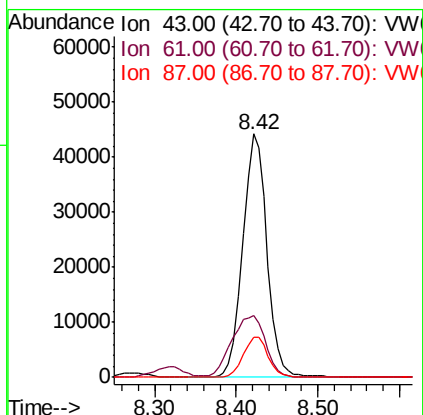
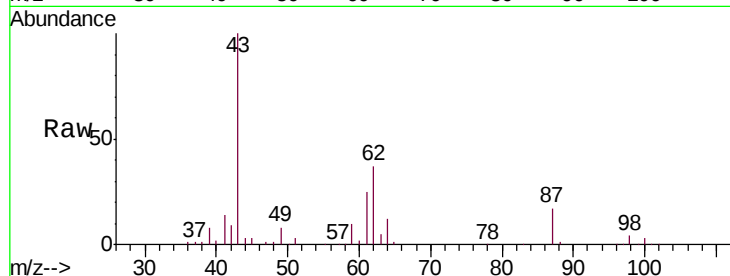
Tgt Ion: 43 Resp: 90061

Ion Ratio Lower Upper

43 100

61 35.8 24.8 37.2

87 17.0 11.4 17.2



#44

Trichloroethene

Concen: 52.088 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015299.D

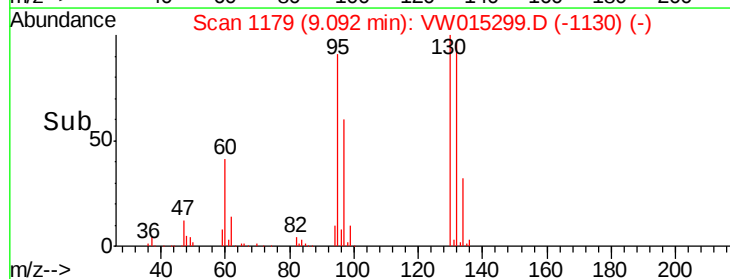
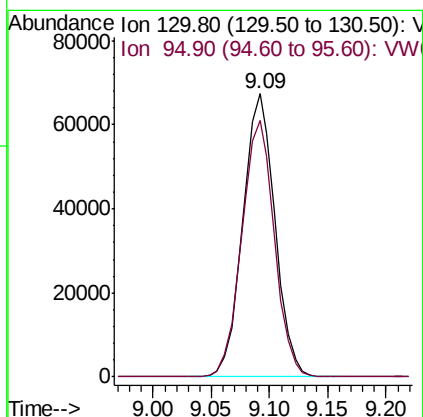
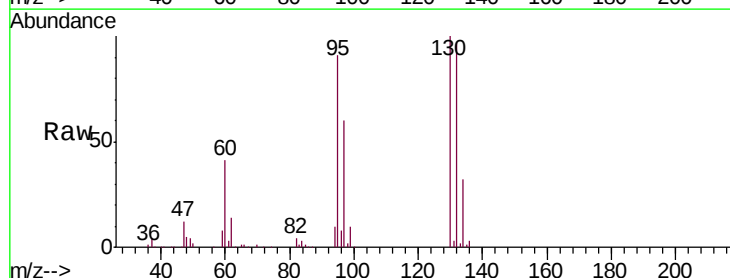
Acq: 22 Apr 2020 11:16

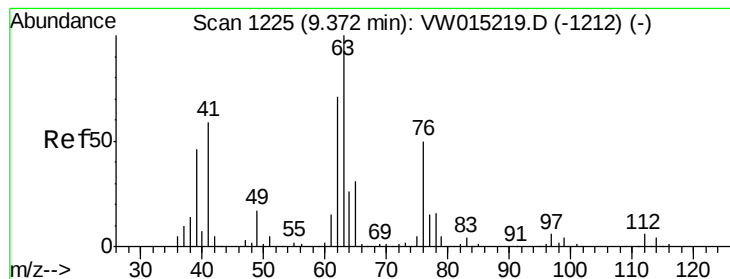
Tgt Ion: 130 Resp: 129573

Ion Ratio Lower Upper

130 100

95 90.6 0.0 196.4





#45

1,2-Dichloropropane

Concen: 48.798 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

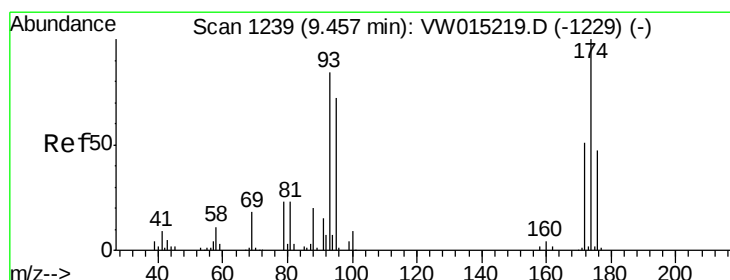
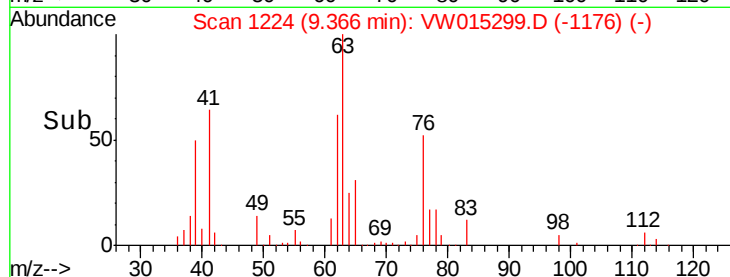
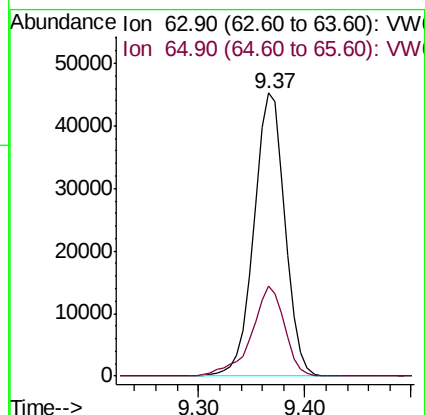
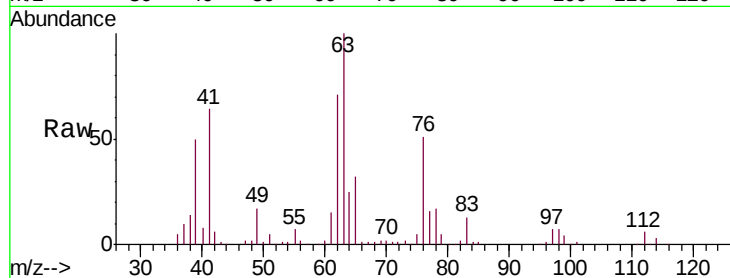
VSTDCCC050

Tgt Ion: 63 Resp: 92288

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 48.162 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

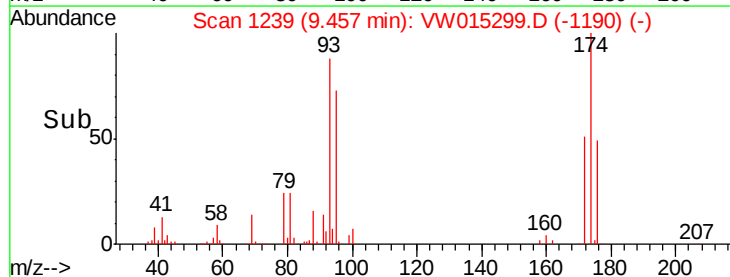
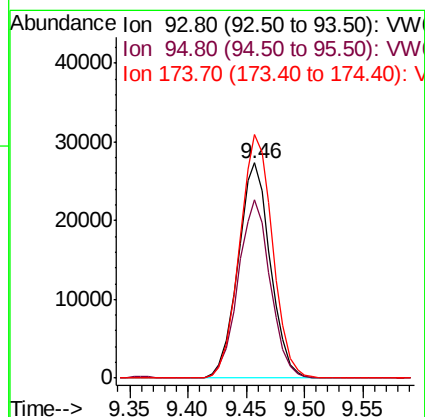
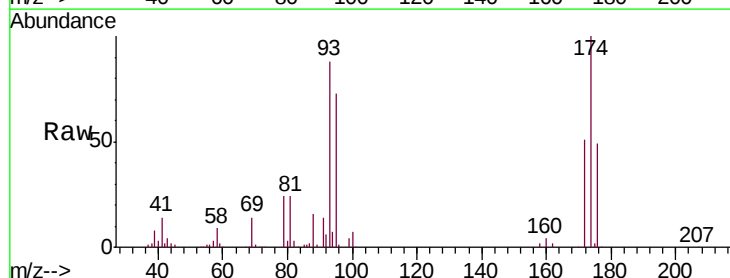
Tgt Ion: 93 Resp: 52689

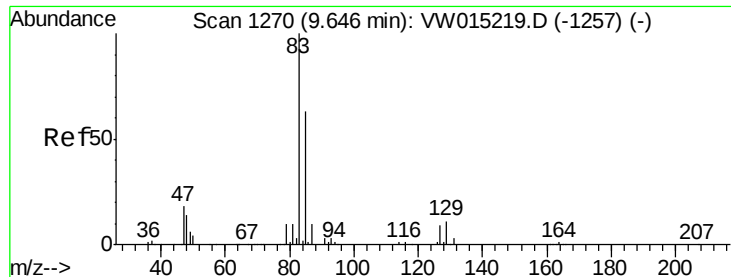
Ion Ratio Lower Upper

93 100

95 82.4 67.5 101.3

174 115.4 74.1 111.1#

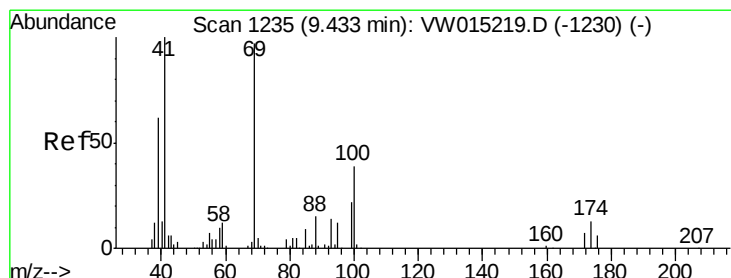
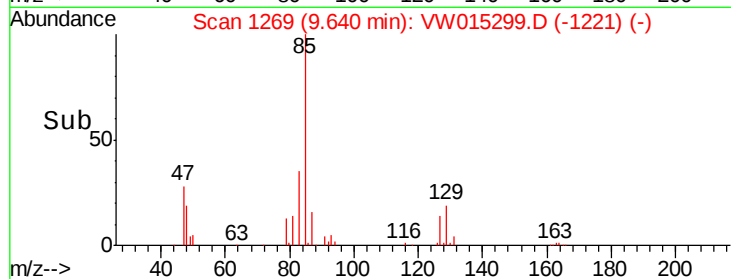
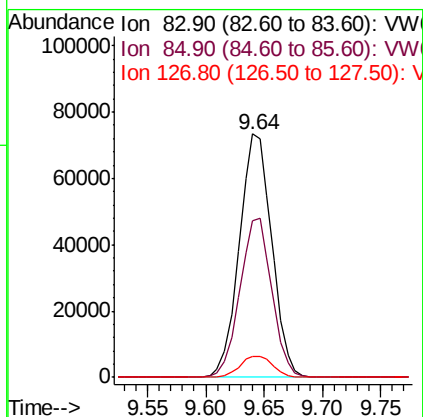
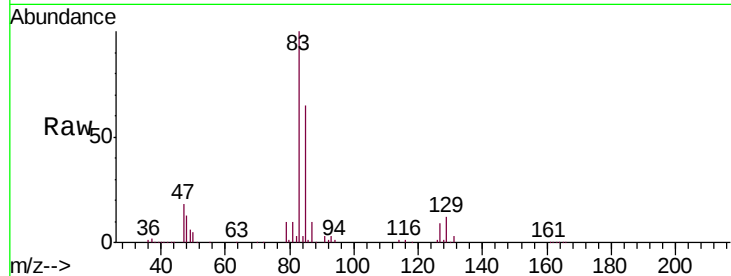




#47
Bromodichloromethane
Concen: 48.832 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

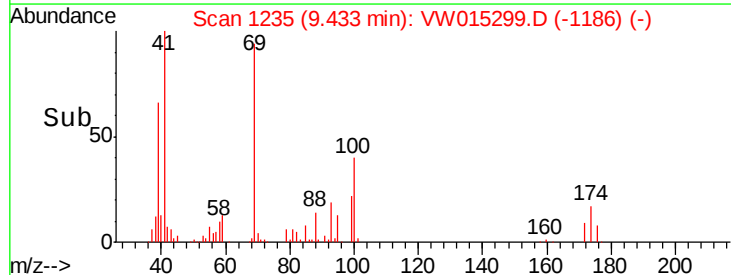
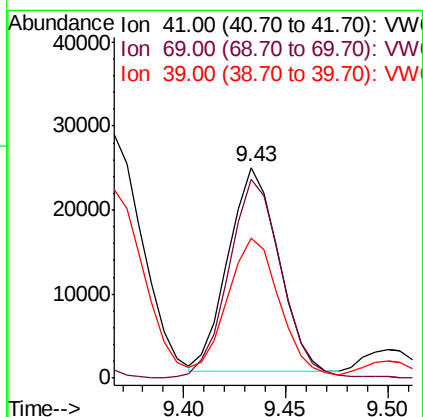
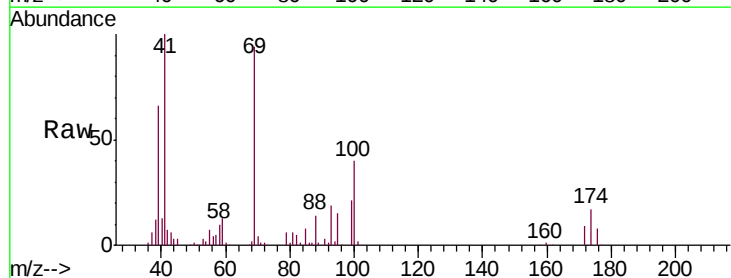
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

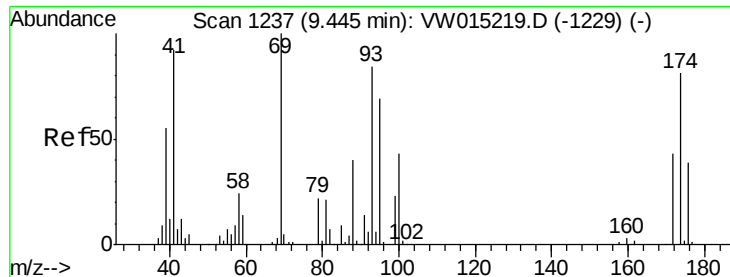
Tgt Ion: 83 Resp: 142812
Ion Ratio Lower Upper
83 100
85 64.5 50.6 76.0
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 42.530 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 41 Resp: 41664
Ion Ratio Lower Upper
41 100
69 102.3 70.6 105.8
39 67.9 42.6 64.0#





#49

1,4-Dioxane

Concen: 875.604 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

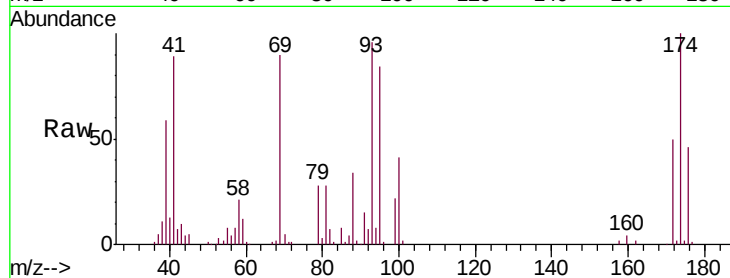
Tgt Ion: 88 Resp: 12770

Ion Ratio Lower Upper

88 100

43 30.4 23.5 35.3

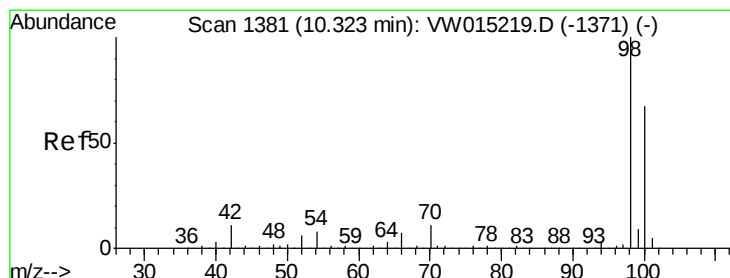
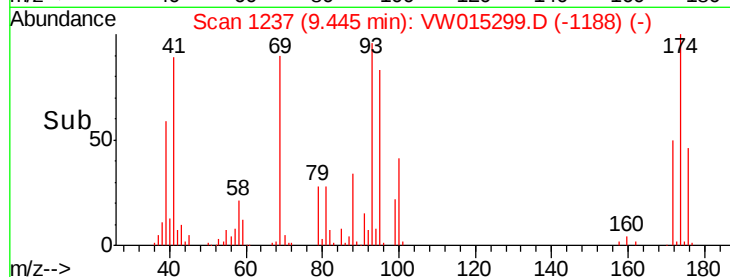
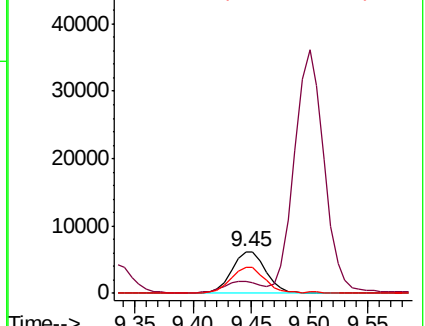
58 63.9 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015299.D

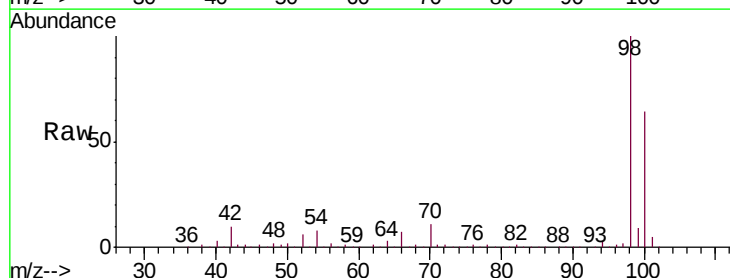
Acq: 22 Apr 2020 11:16

Tgt Ion: 98 Resp: 398815

Ion Ratio Lower Upper

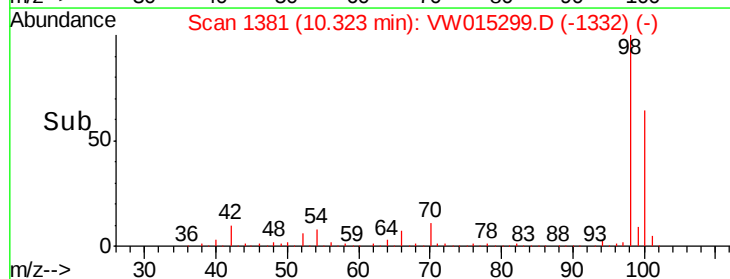
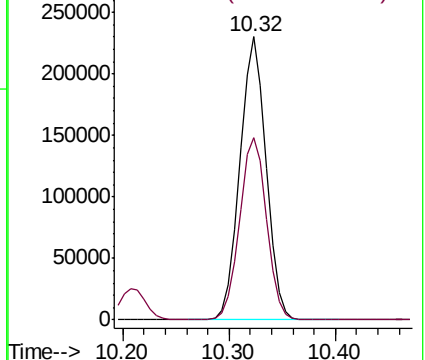
98 100

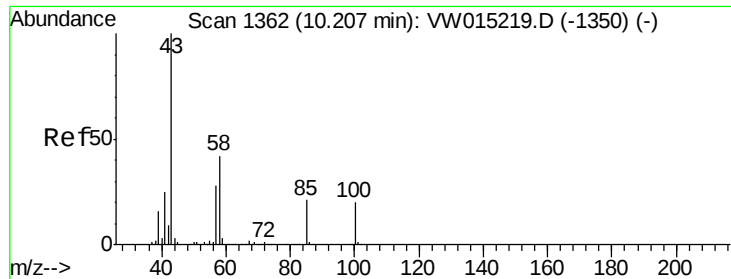
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 217.143 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

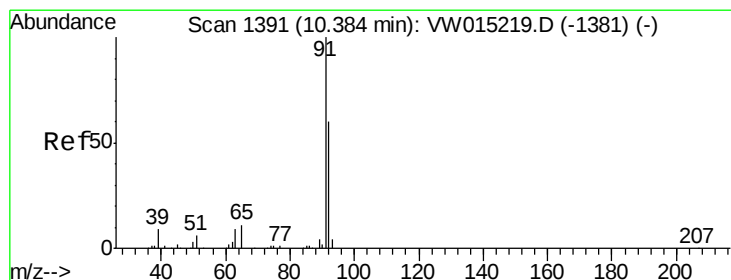
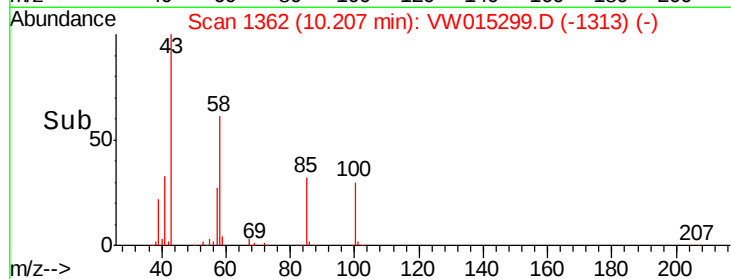
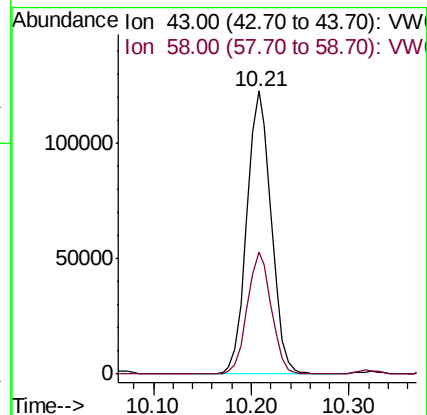
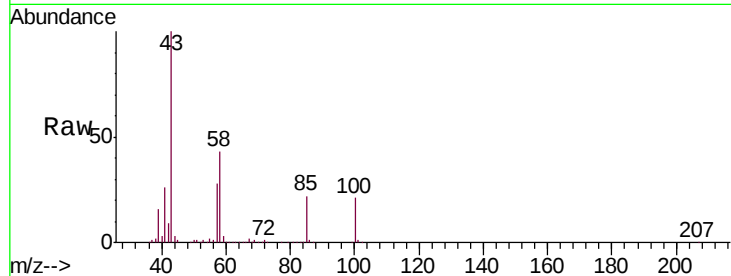
VSTDCCC050

Tgt Ion: 43 Resp: 211233

Ion Ratio Lower Upper

43 100

58 42.7 32.3 48.5



#52

Toluene

Concen: 51.573 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015299.D

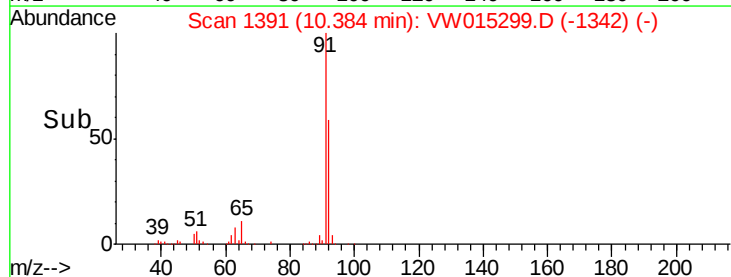
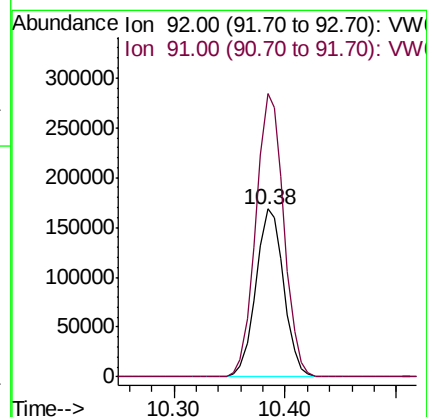
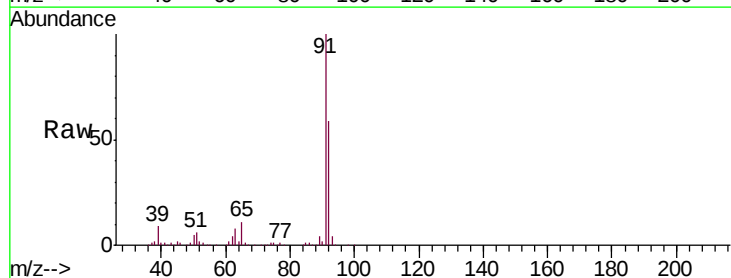
Acq: 22 Apr 2020 11:16

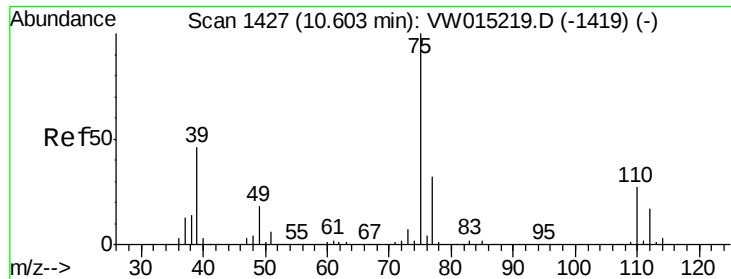
Tgt Ion: 92 Resp: 293533

Ion Ratio Lower Upper

92 100

91 169.9 137.1 205.7

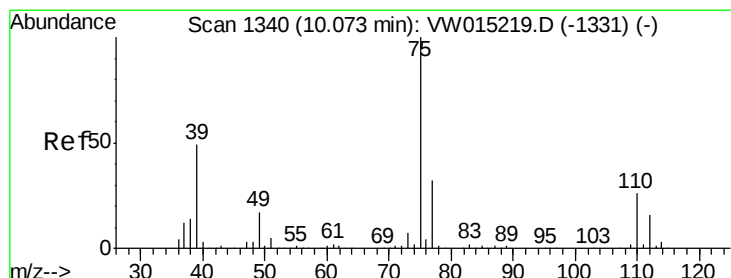
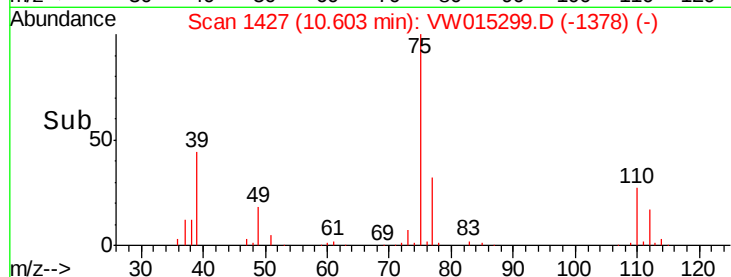
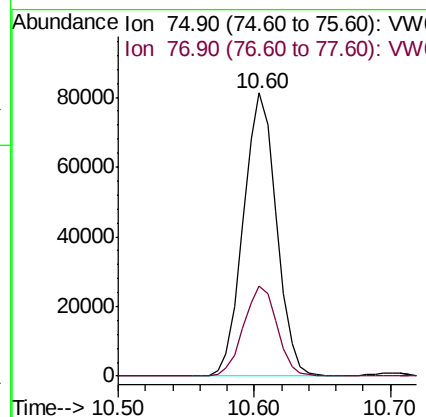
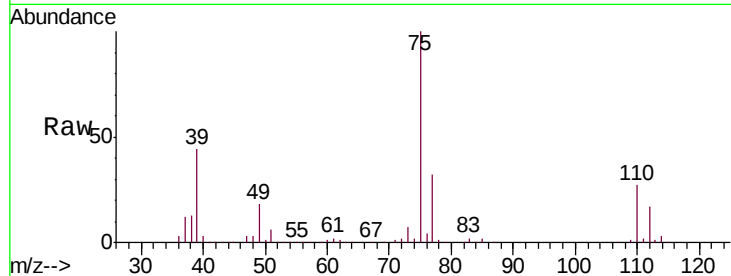




#53
 t-1,3-Dichloropropene
 Concen: 47.942 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

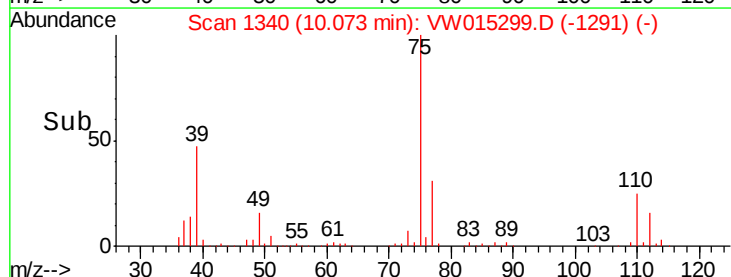
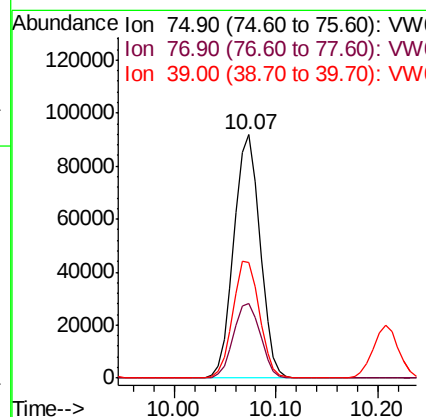
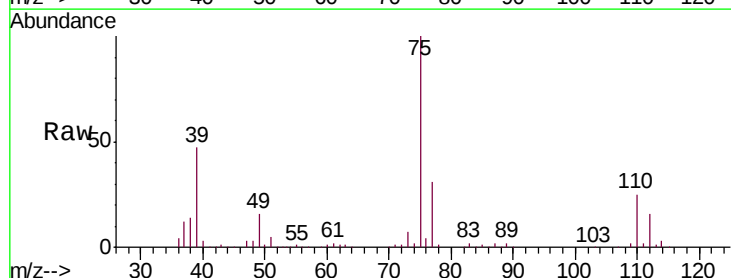
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

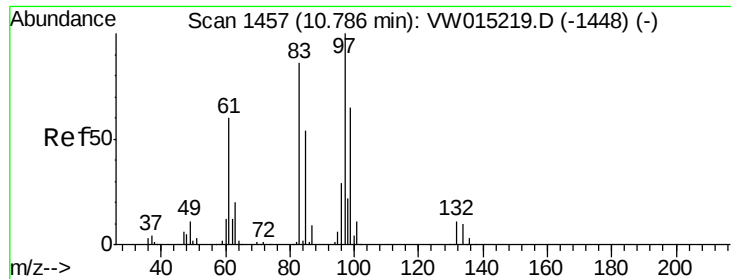
Tgt Ion: 75 Resp: 138249
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.693 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion: 75 Resp: 163209
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.6 39.8
 39 47.3 37.8 56.6

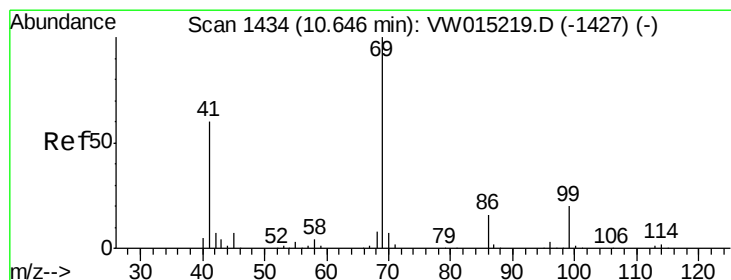
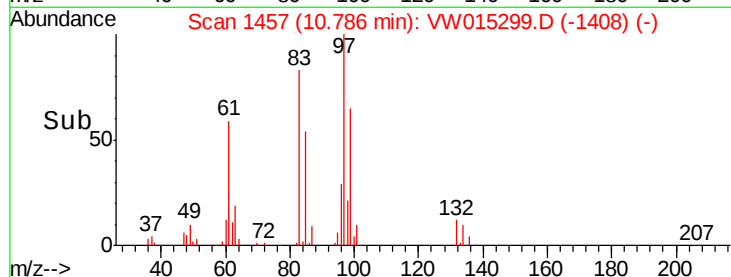
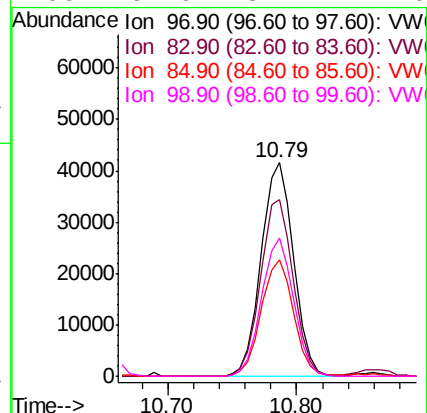
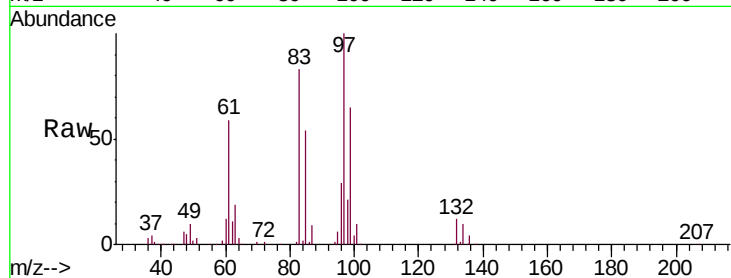




#55
 1,1,2-Trichloroethane
 Concen: 47.267 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

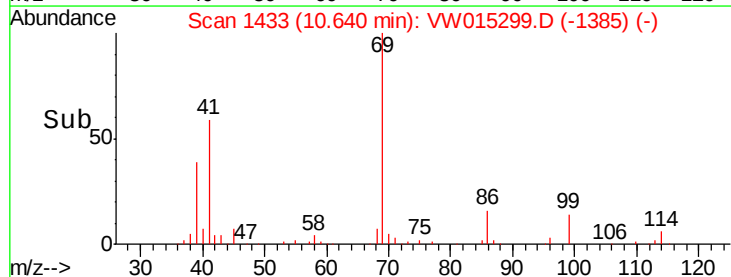
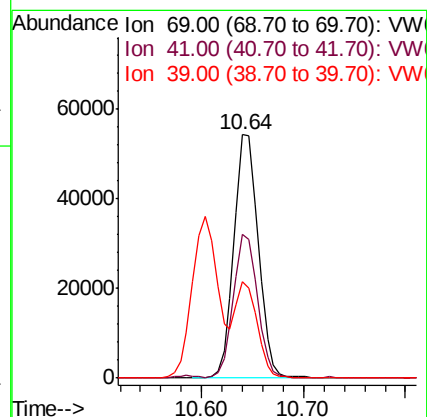
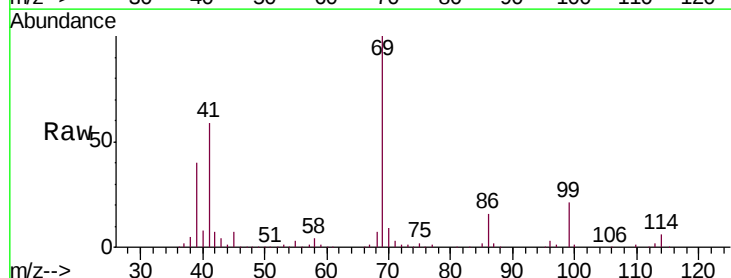
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	72407
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	54.5	43.8	65.8
99	64.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 45.651 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion:	69	Resp:	90089
Ion	Ratio	Lower	Upper
69	100		
41	57.4	51.3	76.9
39	34.3	24.6	37.0

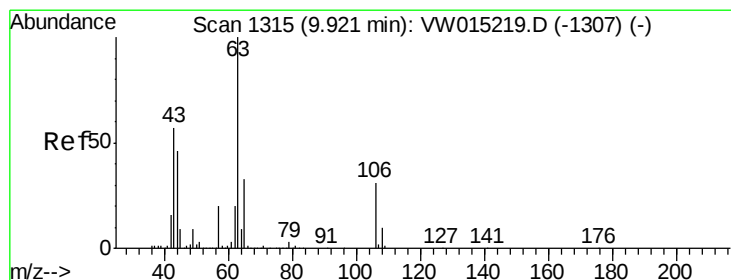
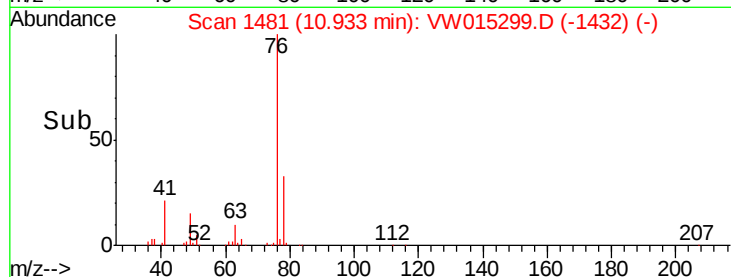
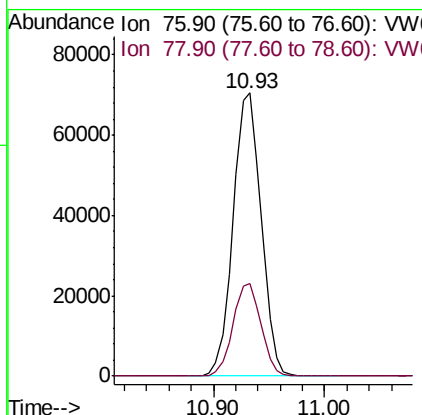
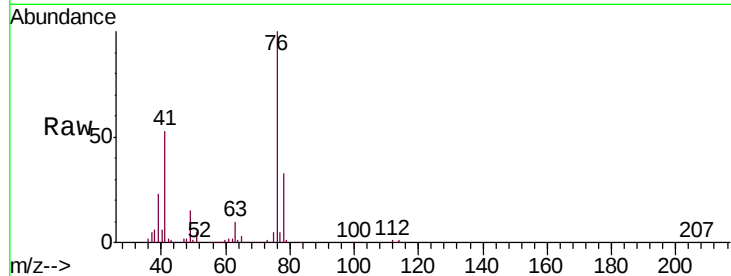




#57
 1,3-Dichloropropane
 Concen: 48.397 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

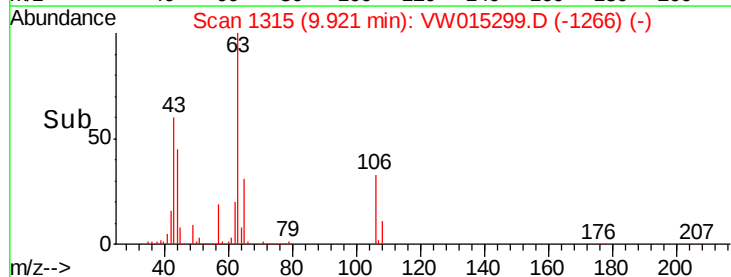
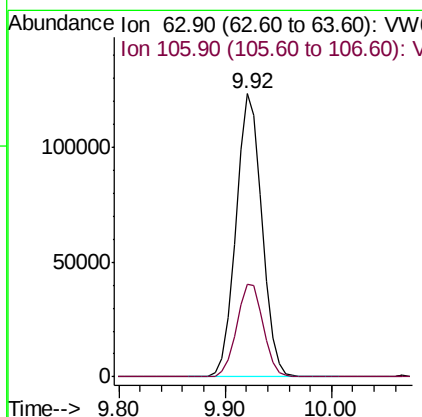
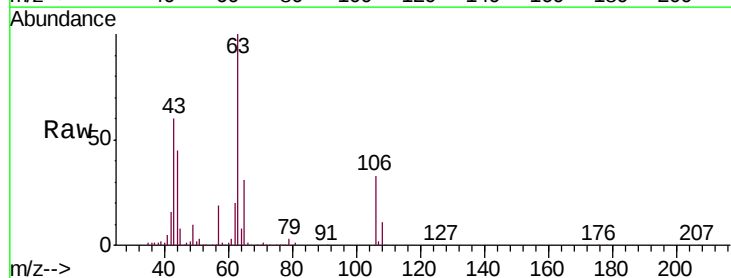
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

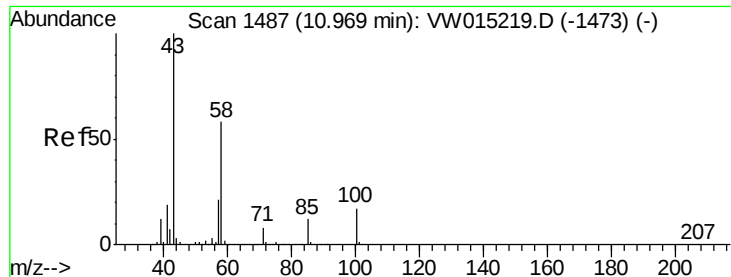
Tgt Ion: 76 Resp: 122810
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.830 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion: 63 Resp: 211192
 Ion Ratio Lower Upper
 63 100
 106 33.5 22.6 33.8

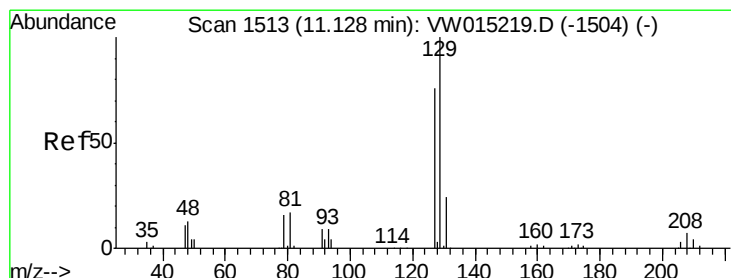
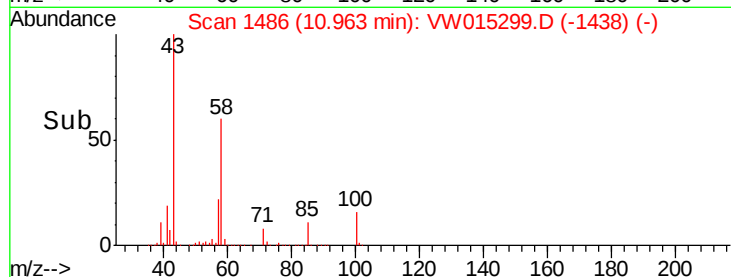
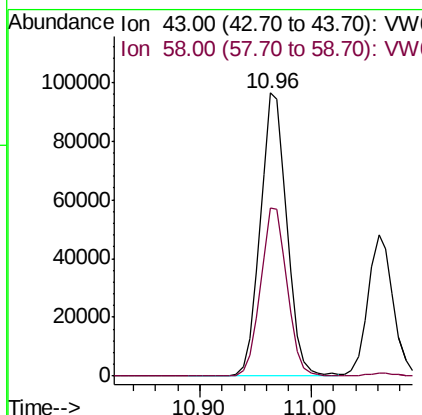
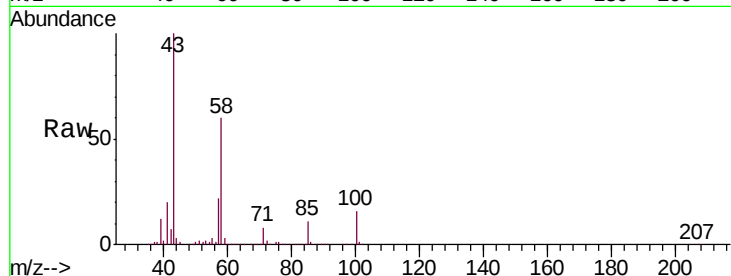




#59
2-Hexanone
Concen: 230.201 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

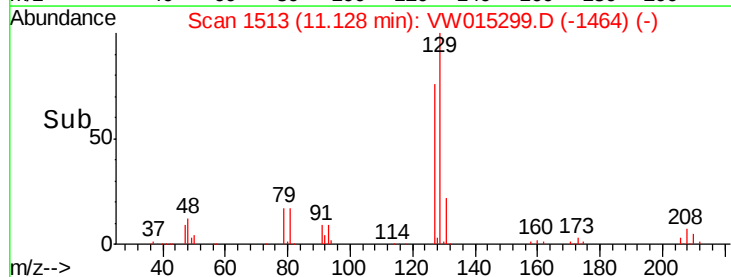
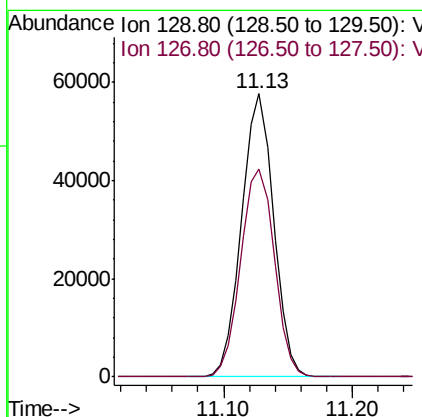
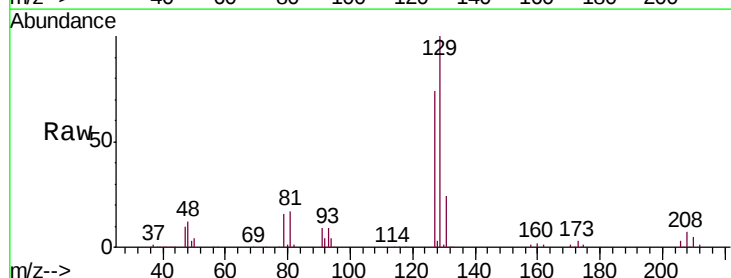
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

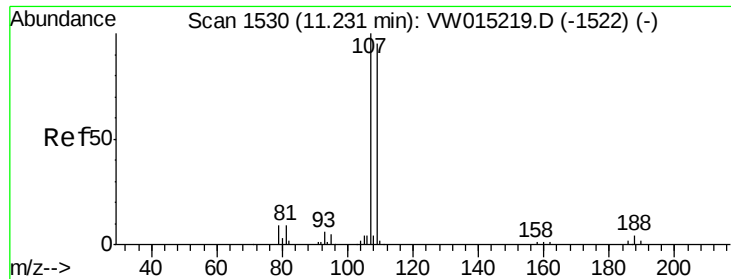
Tgt Ion: 43 Resp: 159853
Ion Ratio Lower Upper
43 100
58 59.6 28.1 84.3



#60
Dibromochloromethane
Concen: 49.055 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 129 Resp: 99220
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

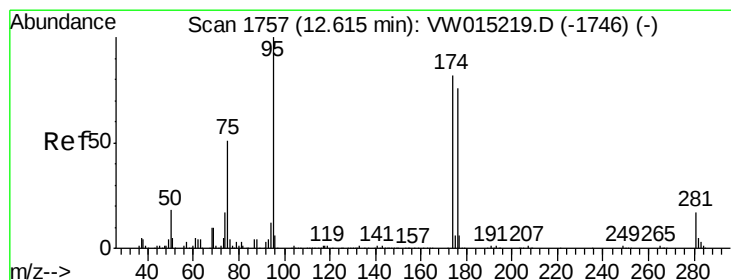
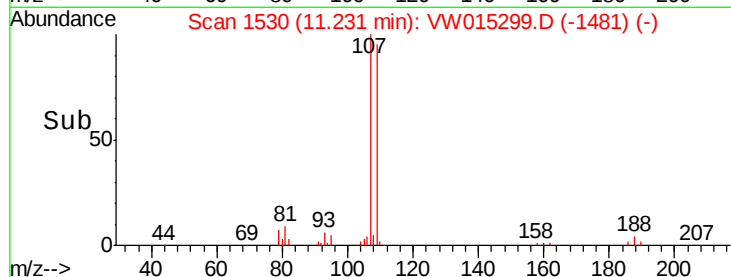
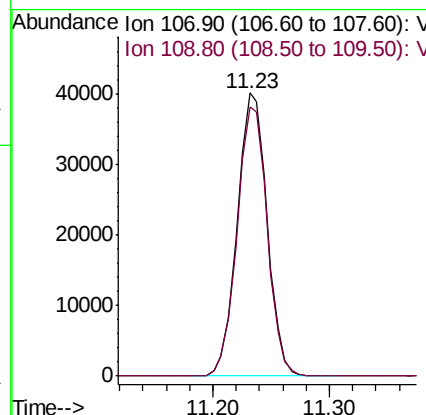
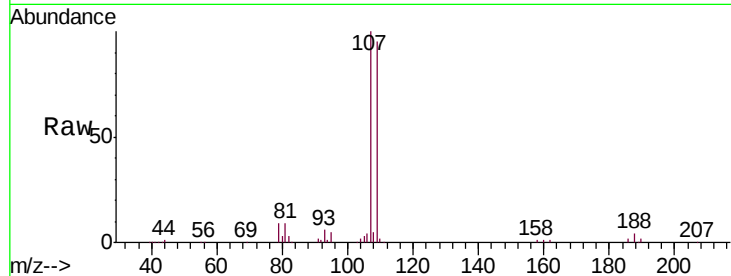




#61
 1,2-Dibromoethane
 Concen: 47.922 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

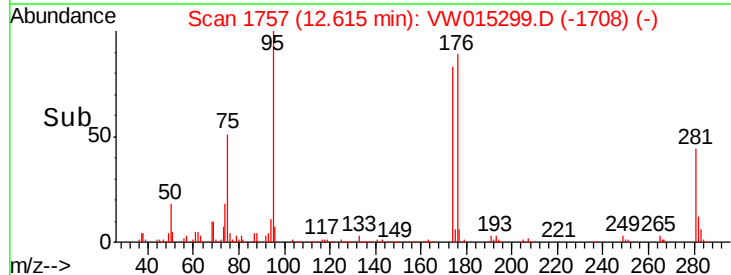
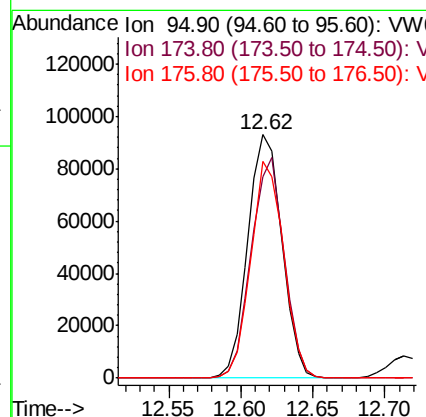
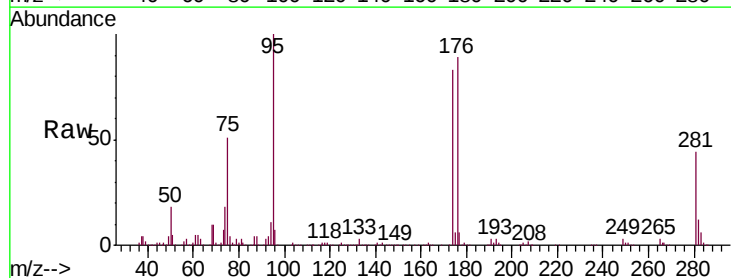
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

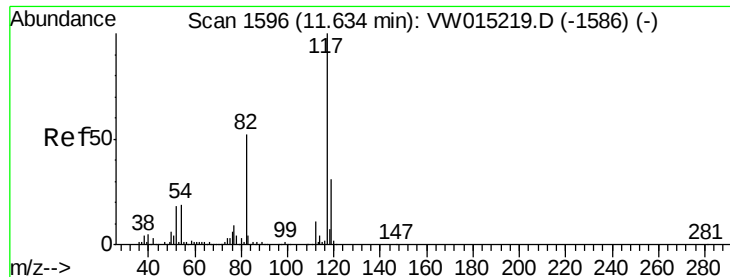
Tgt Ion: 107 Resp: 71632
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 50.778 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion: 95 Resp: 152279
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 144.4
 176 85.9 0.0 140.6

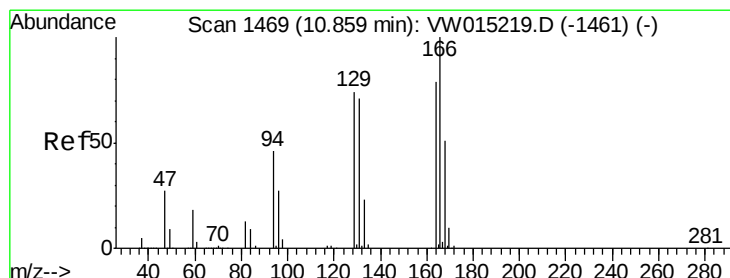
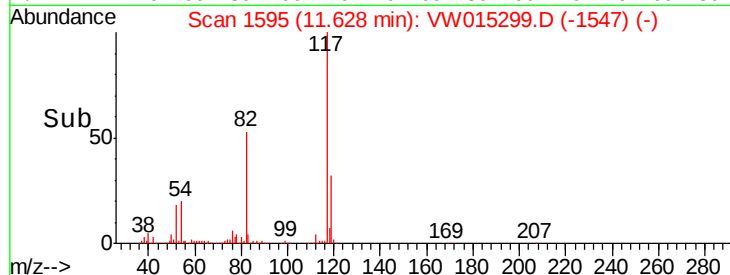
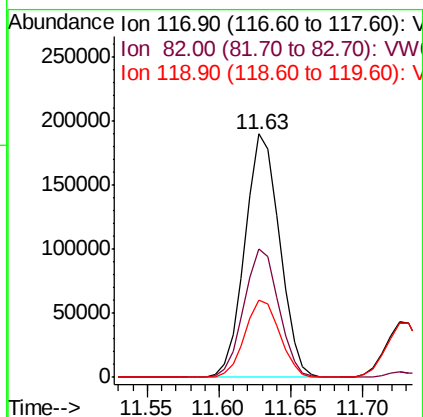
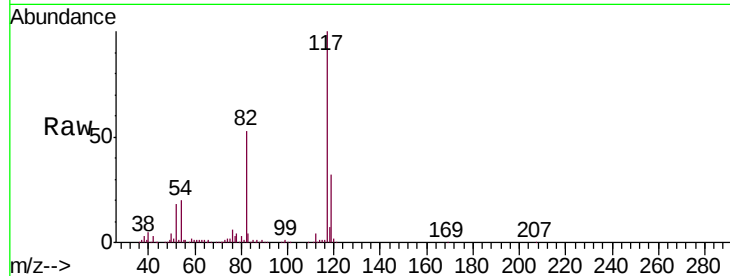




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

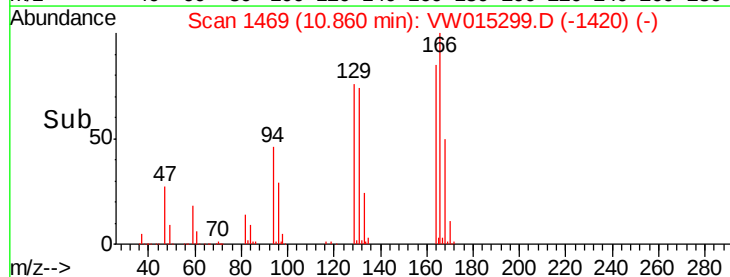
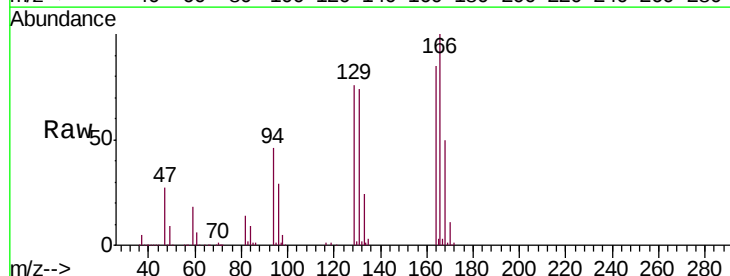
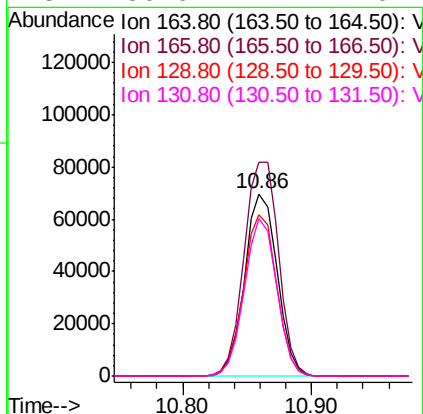
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

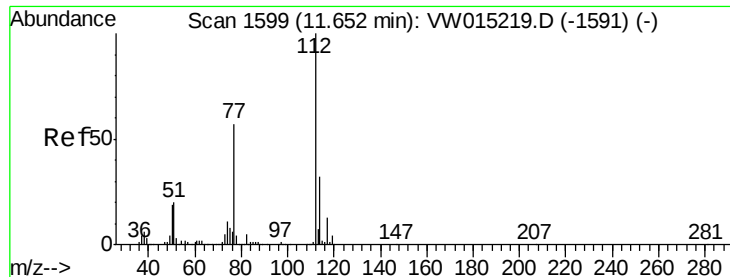
Tgt Ion:117 Resp: 316088
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 31.8 24.9 37.3



#64
Tetrachloroethene
Concen: 53.812 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion:164 Resp: 121397
Ion Ratio Lower Upper
164 100
166 117.4 102.6 154.0
129 88.9 80.2 120.2
131 86.6 77.4 116.2





#65

Chlorobenzene

Concen: 51.008 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

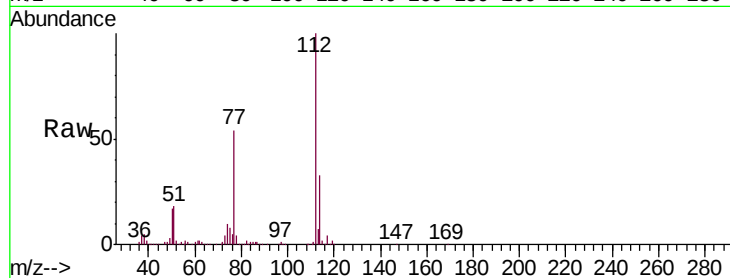
VSTDCCC050

Tgt Ion:112 Resp: 316377

Ion Ratio Lower Upper

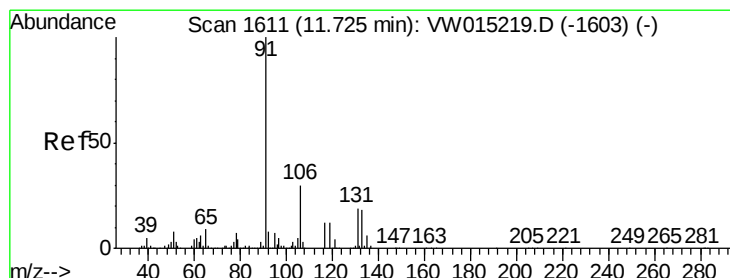
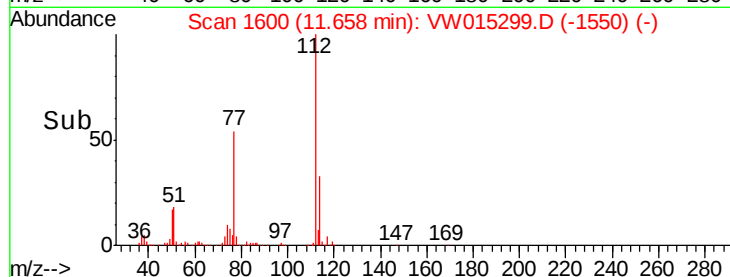
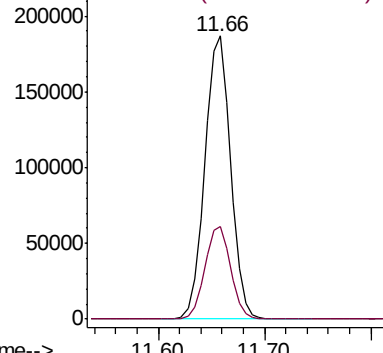
112 100

114 32.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.410 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

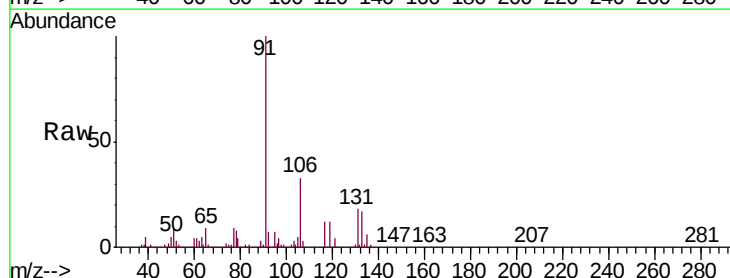
Tgt Ion:131 Resp: 112379

Ion Ratio Lower Upper

131 100

133 96.0 47.7 143.1

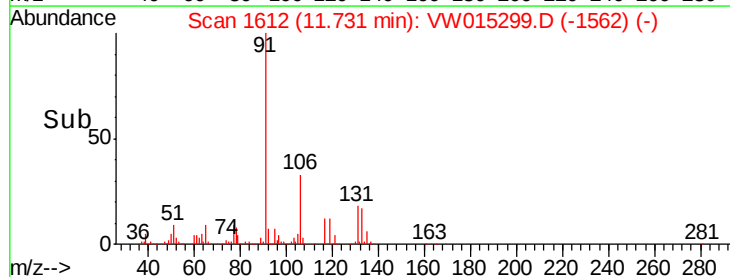
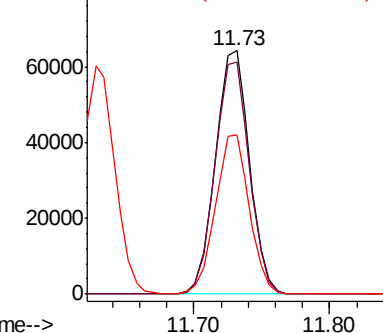
119 65.1 34.0 101.8

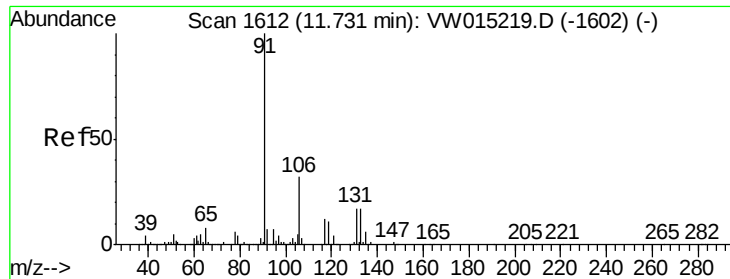


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

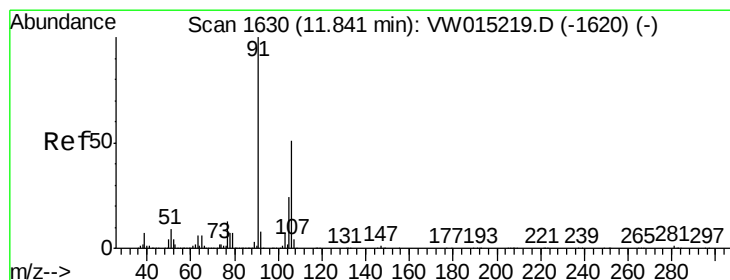
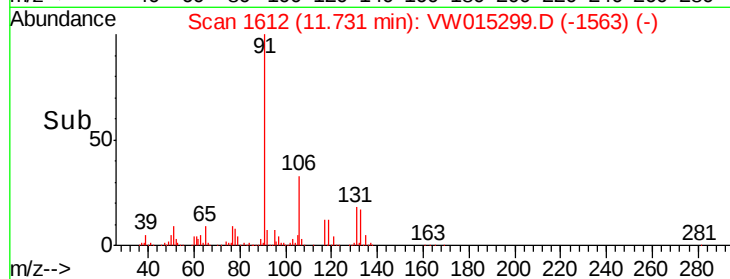
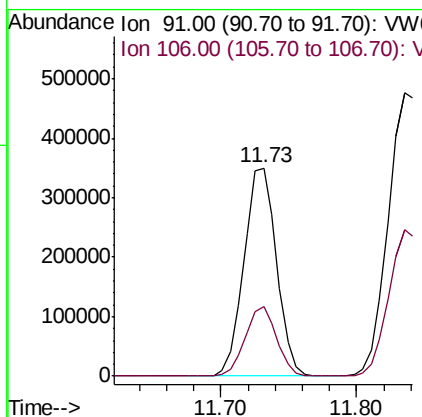
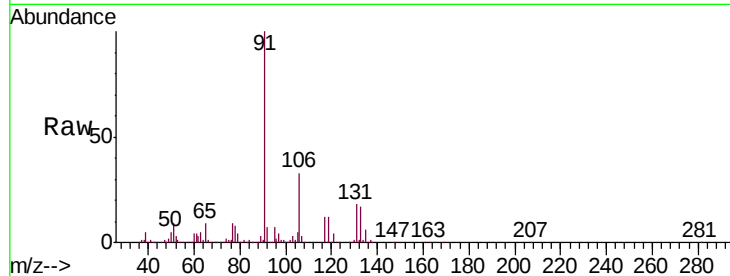




#67
Ethyl Benzene
Concen: 50.803 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

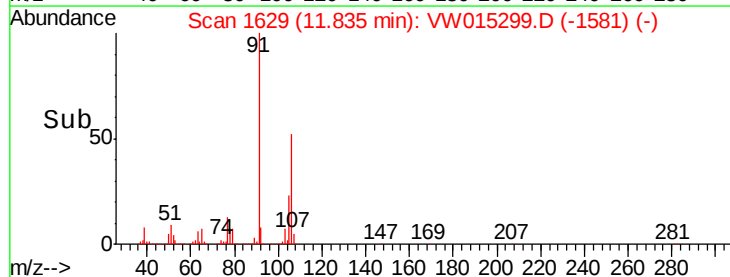
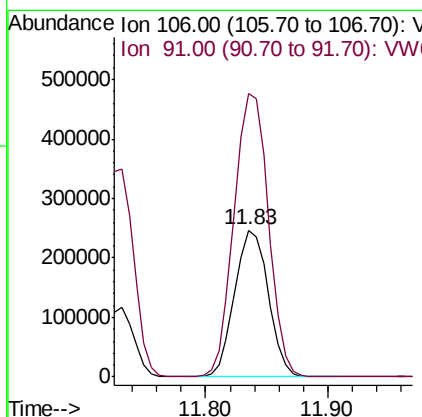
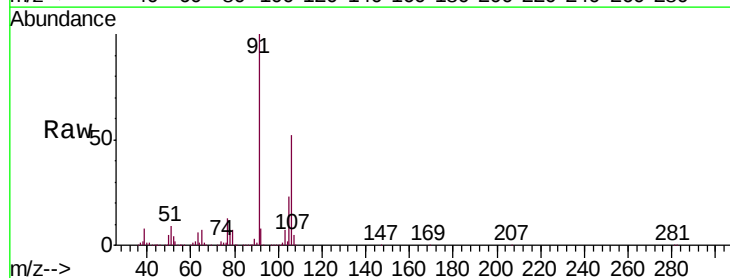
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

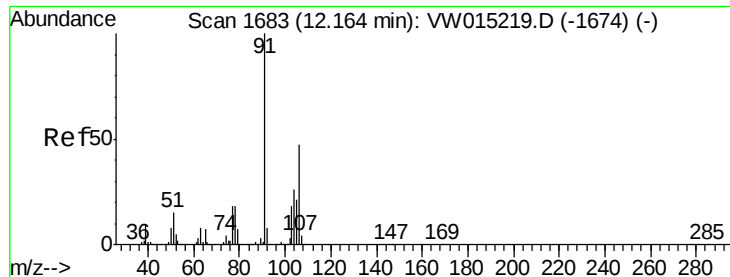
Tgt Ion: 91 Resp: 587634
Ion Ratio Lower Upper
91 100
106 33.4 25.7 38.5



#68
m/p-Xylenes
Concen: 103.862 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion: 106 Resp: 470908
Ion Ratio Lower Upper
106 100
91 197.1 160.0 240.0

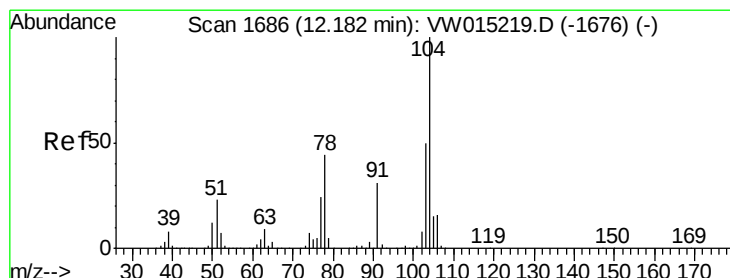
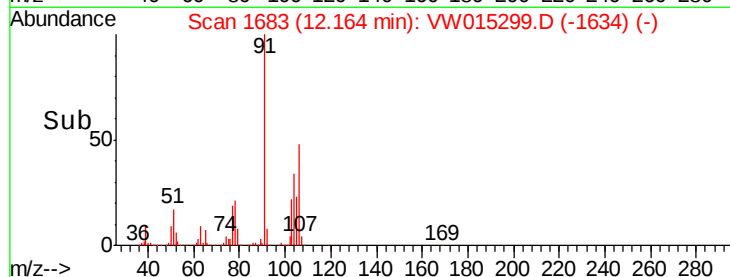
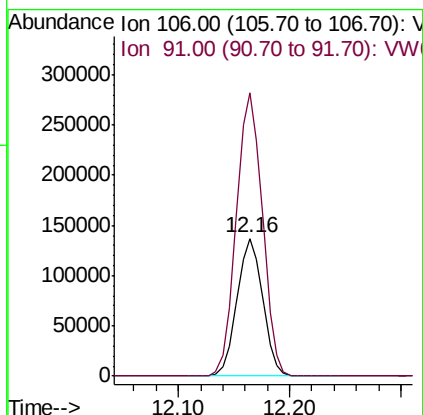
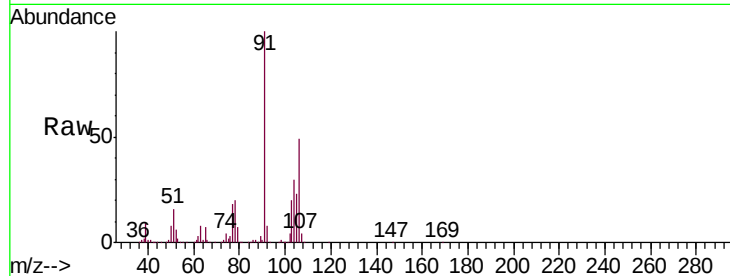




#69
o-Xylene
Concen: 51.802 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

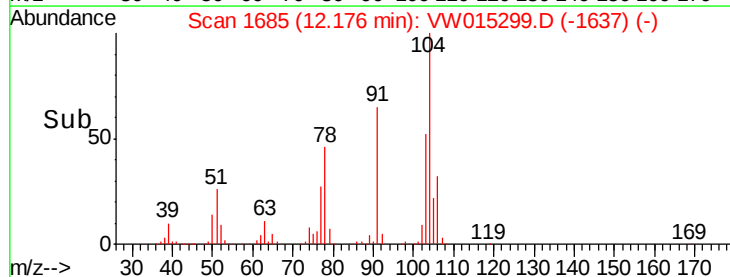
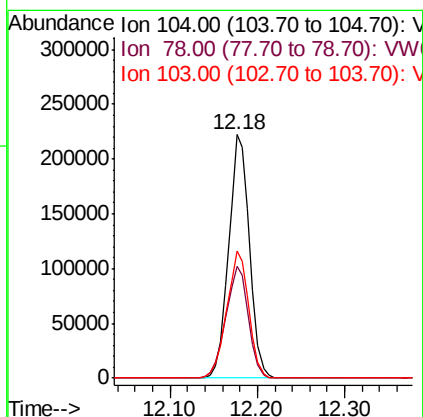
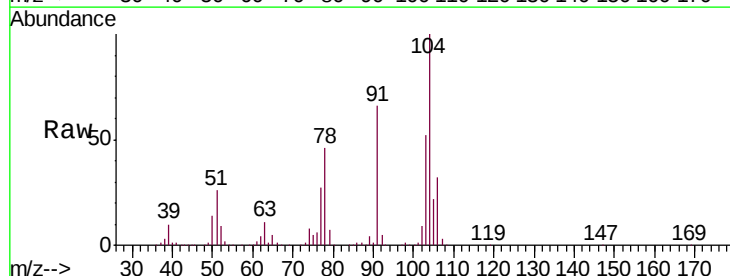
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

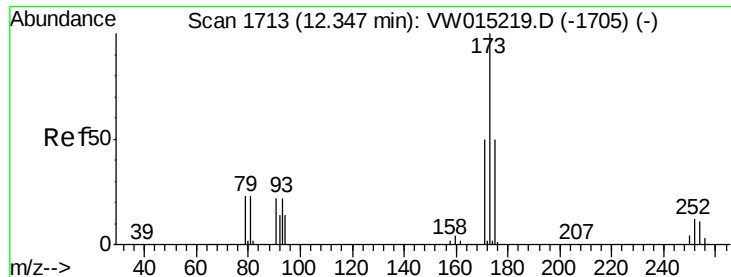
Tgt Ion:106 Resp: 219225
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.1



#70
Styrene
Concen: 50.729 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion:104 Resp: 365949
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.6
103 55.2 43.8 65.6

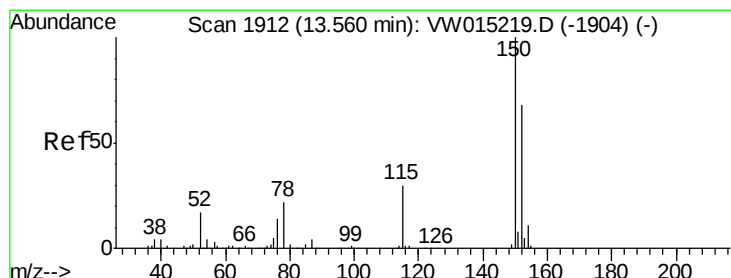
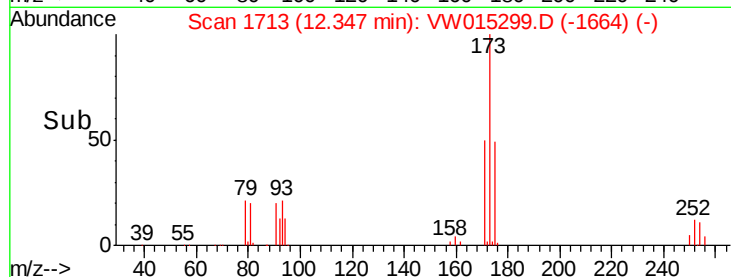
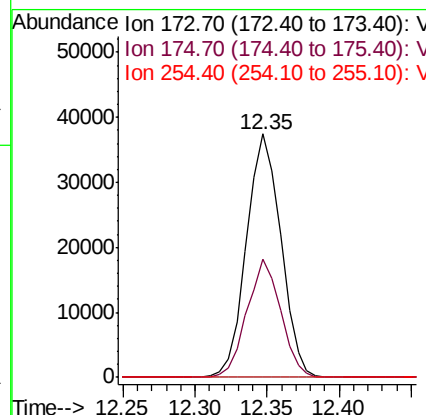
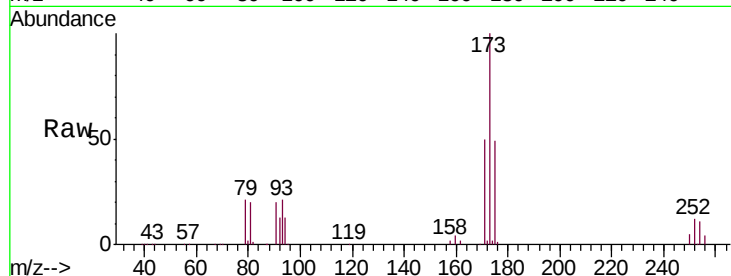




#71
Bromoform
Concen: 49.337 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

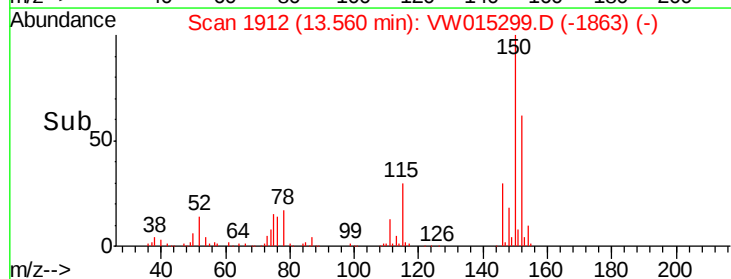
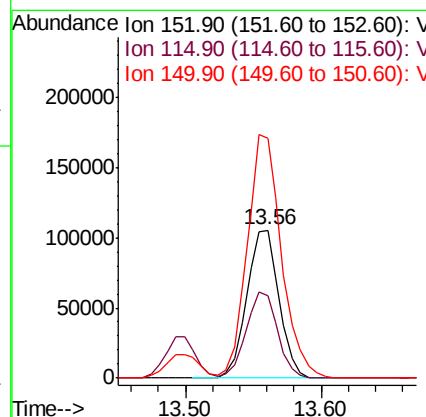
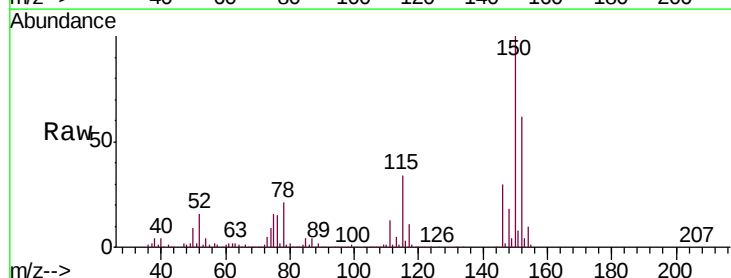
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

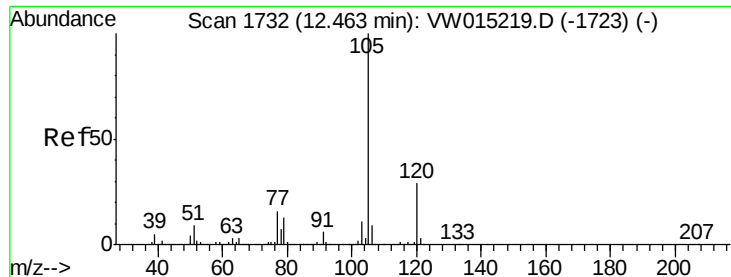
Tgt Ion:173 Resp: 61972
Ion Ratio Lower Upper
173 100
175 47.4 25.1 75.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion:152 Resp: 173229
Ion Ratio Lower Upper
152 100
115 57.0 31.3 93.9
150 175.9 0.0 343.4





#73

Isopropylbenzene

Concen: 51.472 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

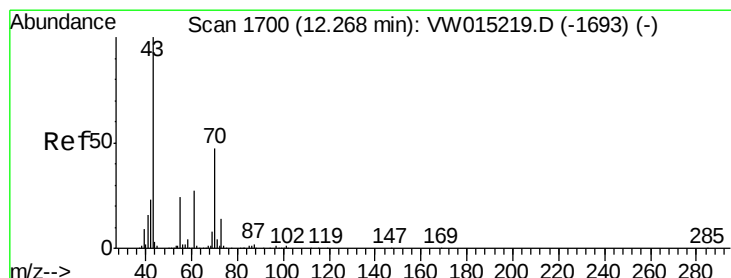
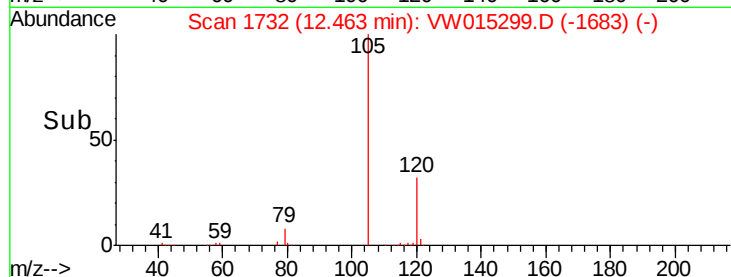
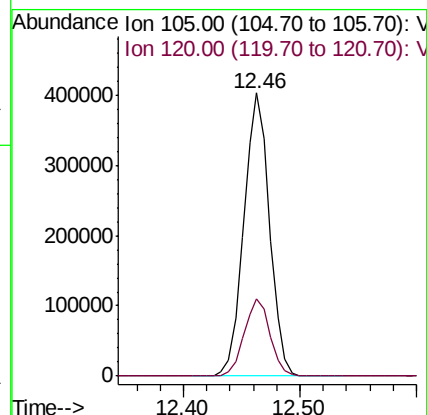
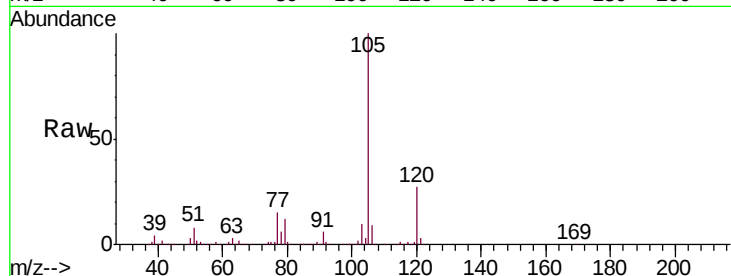
VSTDCCC050

Tgt Ion: 105 Resp: 618220

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 43.275 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Tgt Ion: 43 Resp: 90426

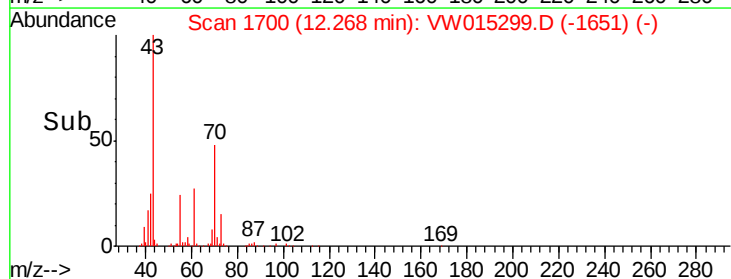
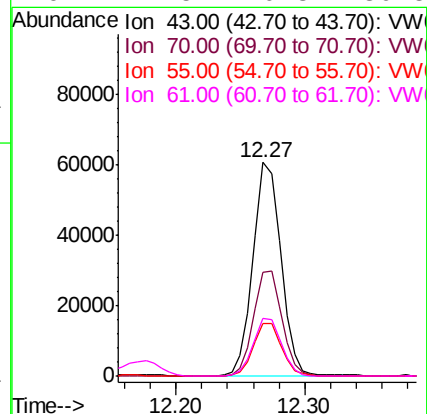
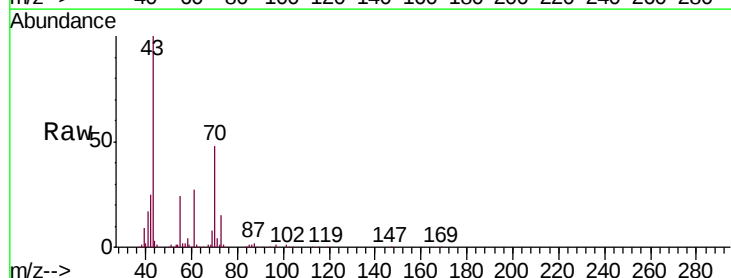
Ion Ratio Lower Upper

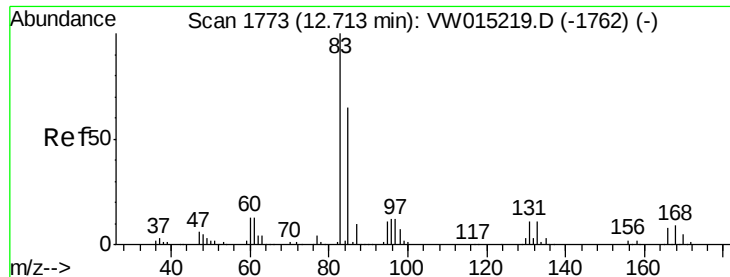
43 100

70 49.9 35.4 53.2

55 24.9 18.5 27.7

61 27.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.089 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

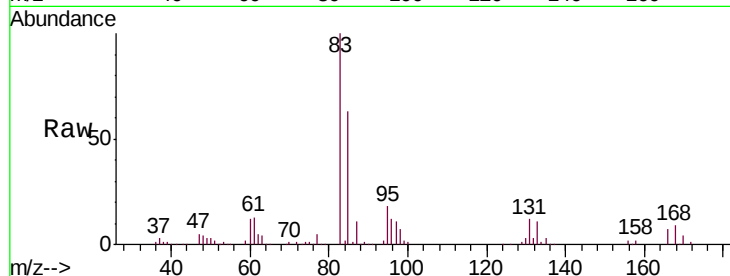
Tgt Ion: 83 Resp: 76891

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.2

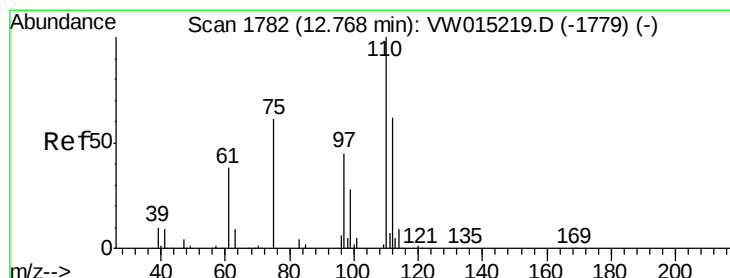
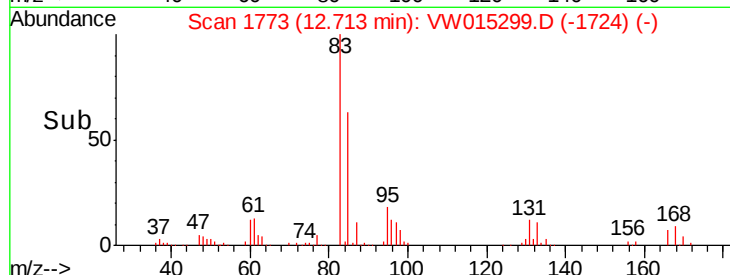
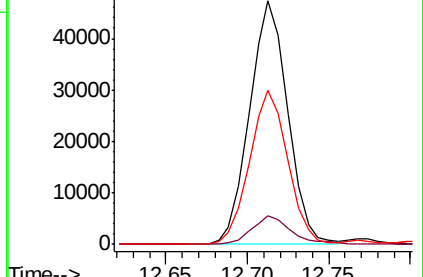
85 63.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 78.861 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015299.D

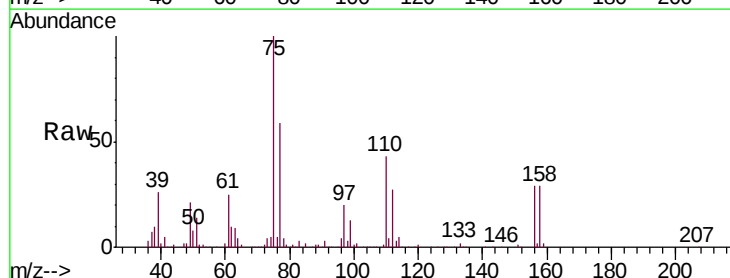
Acq: 22 Apr 2020 11:16

Tgt Ion: 75 Resp: 105683

Ion Ratio Lower Upper

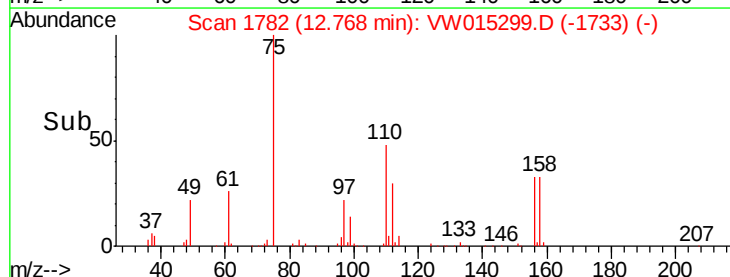
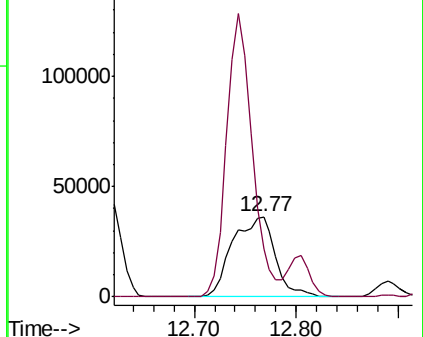
75 100

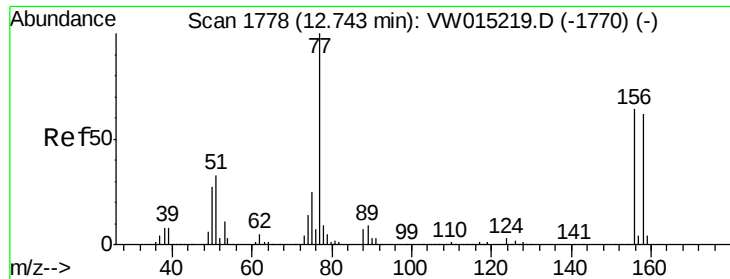
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.685 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

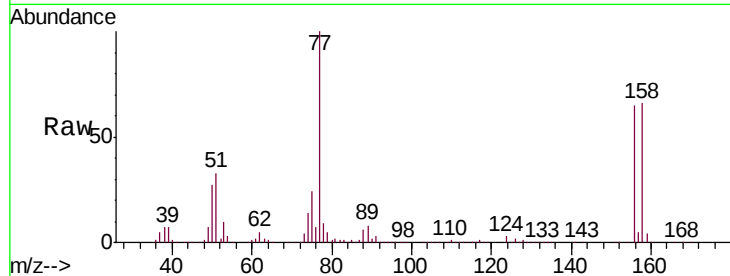
Tgt Ion:156 Resp: 139862

Ion Ratio Lower Upper

156 100

77 159.9 100.5 301.5

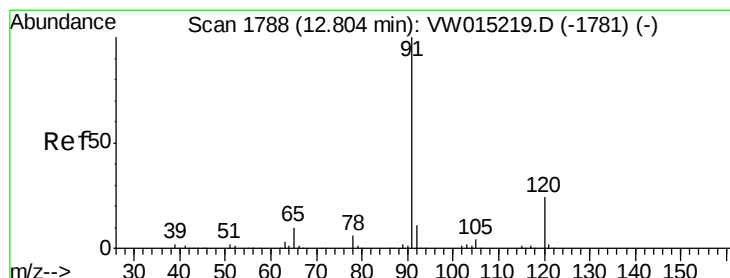
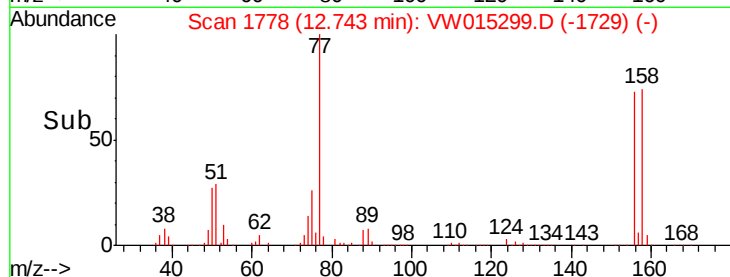
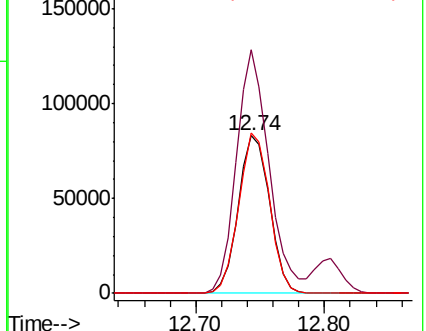
158 100.0 47.9 143.8



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: 50.707 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015299.D

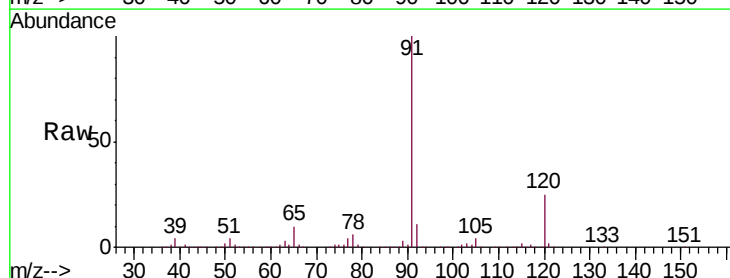
Acq: 22 Apr 2020 11:16

Tgt Ion: 91 Resp: 709103

Ion Ratio Lower Upper

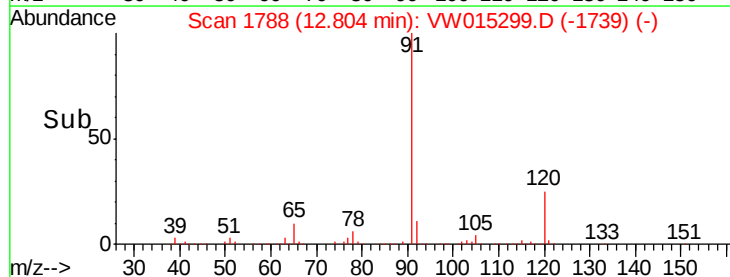
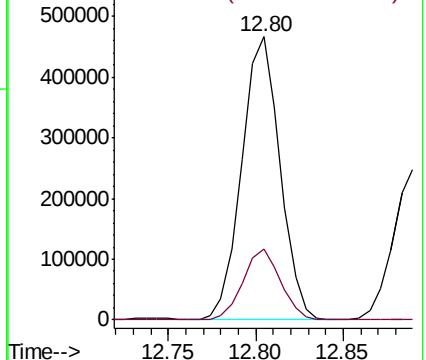
91 100

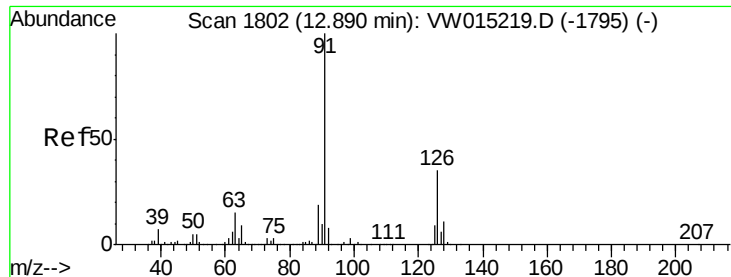
120 24.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.699 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

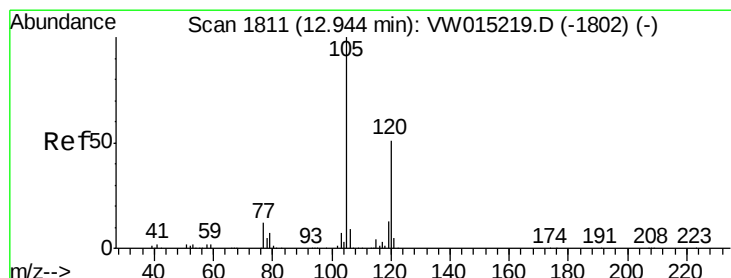
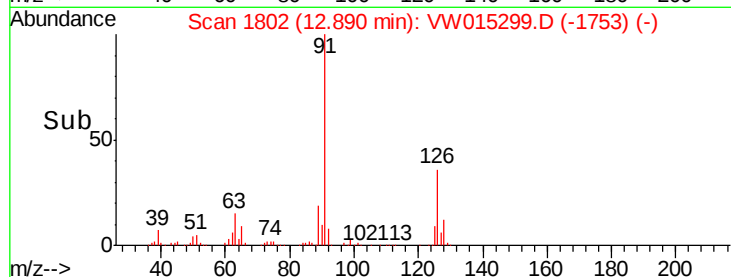
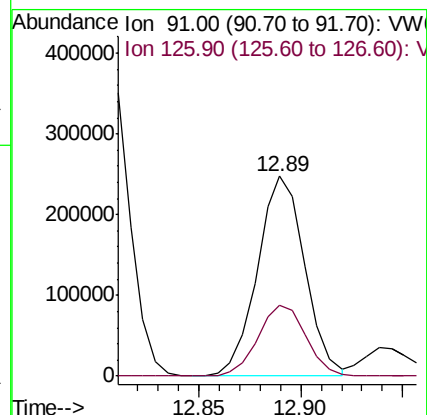
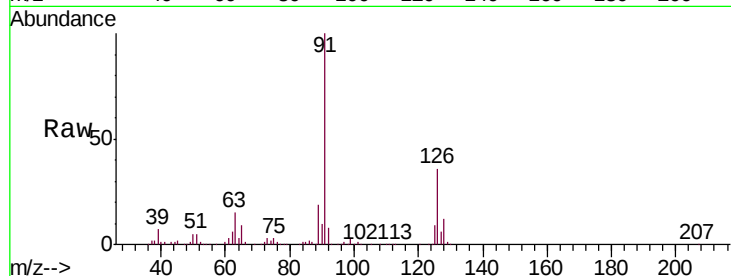
VSTDCCC050

Tgt Ion: 91 Resp: 399559

Ion Ratio Lower Upper

91 100

126 36.1 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 51.186 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015299.D

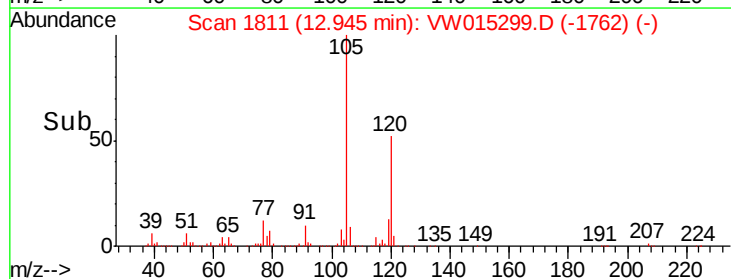
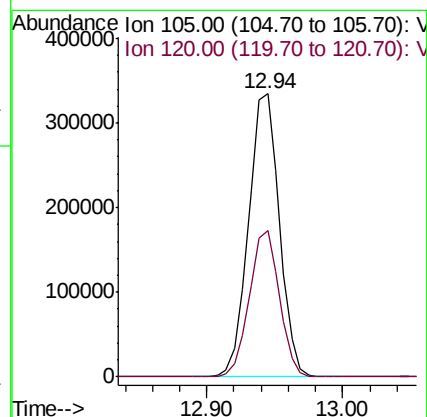
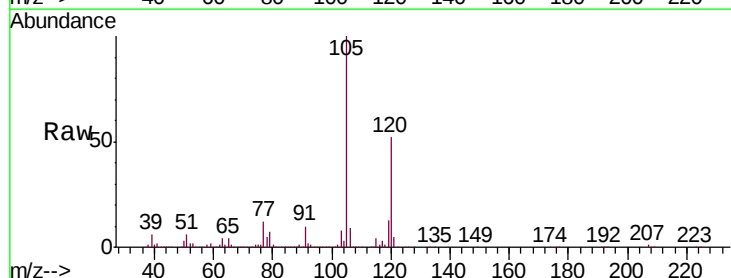
Acq: 22 Apr 2020 11:16

Tgt Ion: 105 Resp: 529579

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.193 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

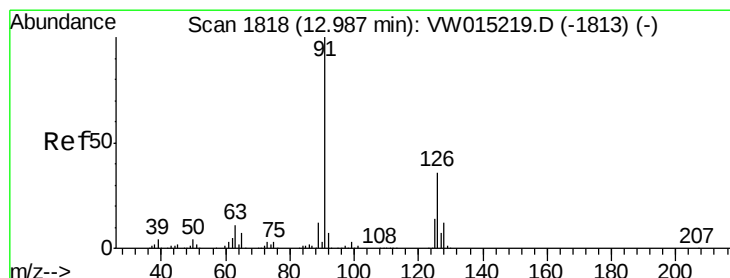
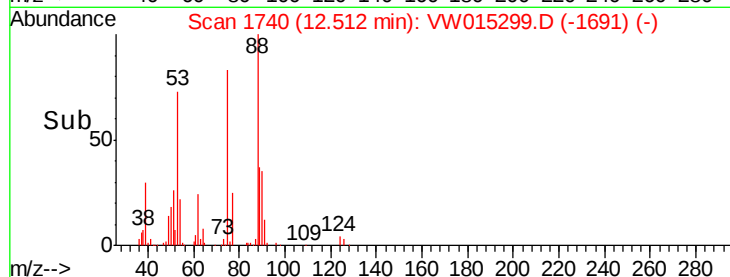
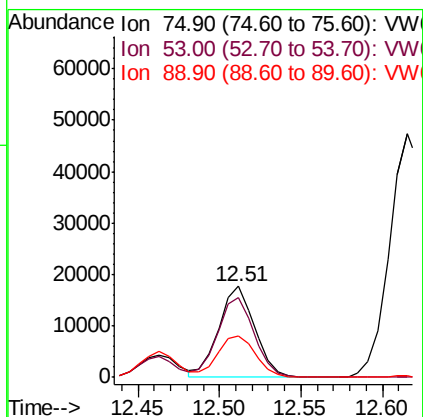
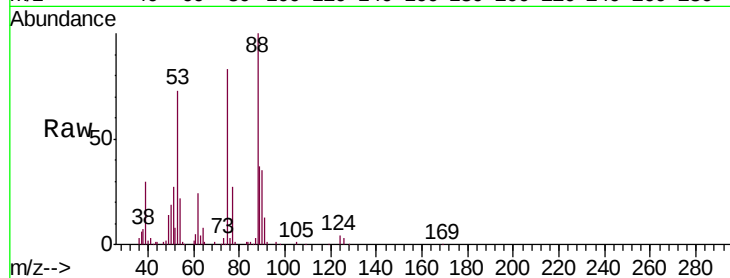
Tgt Ion: 75 Resp: 27092

Ion Ratio Lower Upper

75 100

53 89.8 69.4 104.2

89 47.5 34.8 52.2



#82

4-Chlorotoluene

Concen: 50.918 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015299.D

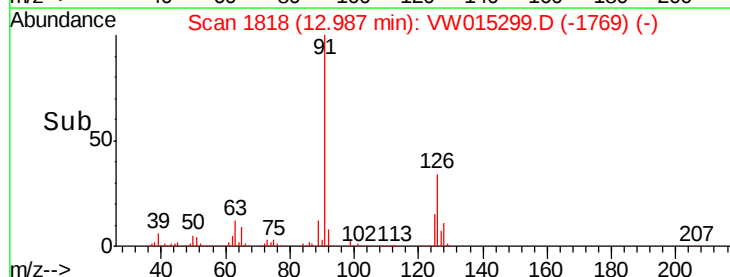
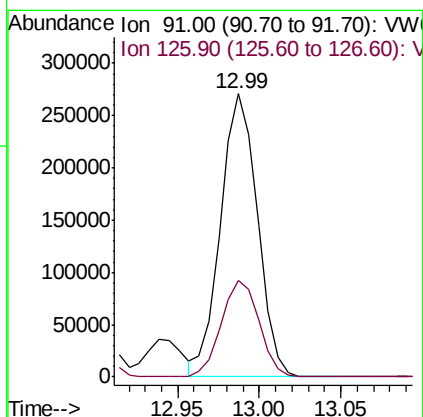
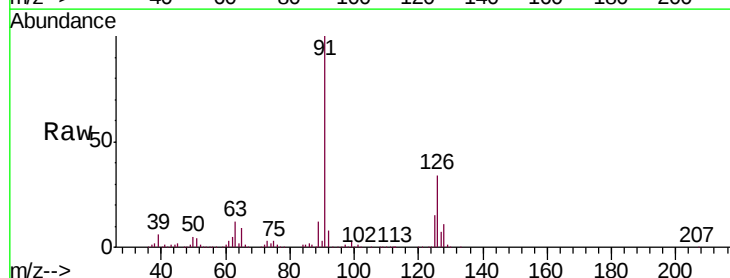
Acq: 22 Apr 2020 11:16

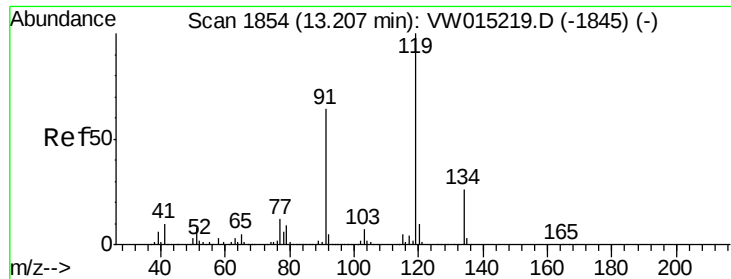
Tgt Ion: 91 Resp: 426060

Ion Ratio Lower Upper

91 100

126 35.0 16.8 50.3

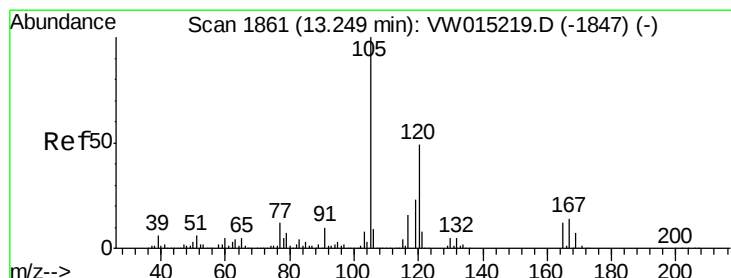
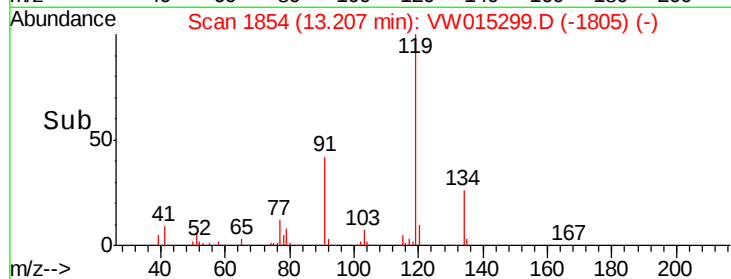
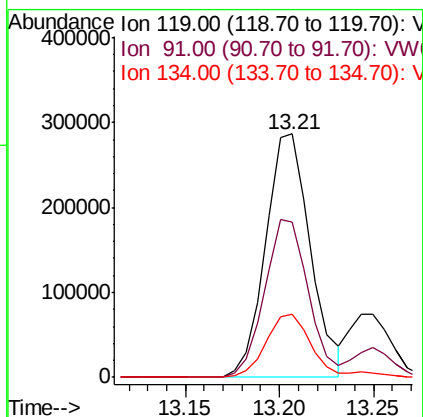
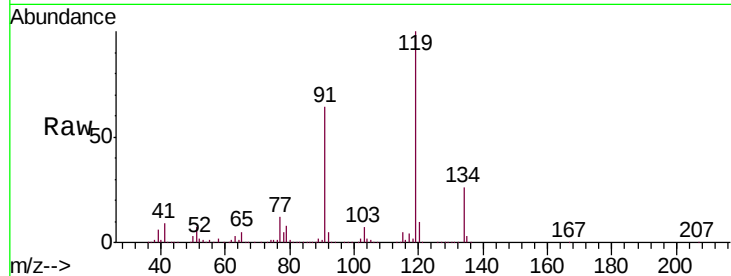




#83
 tert-Butylbenzene
 Concen: 52.415 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

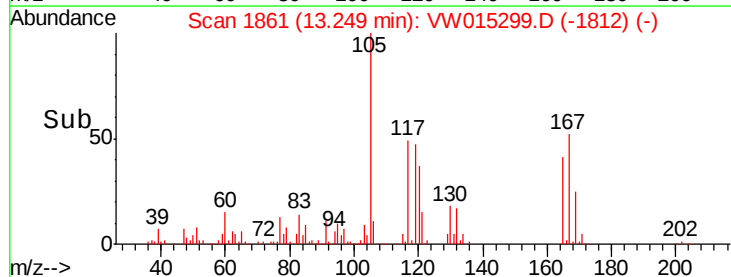
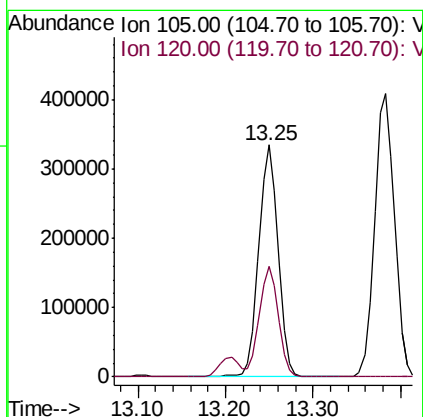
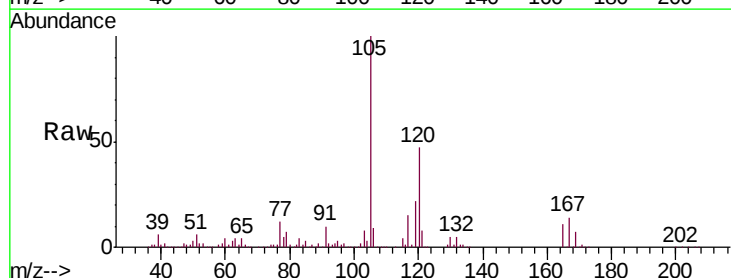
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

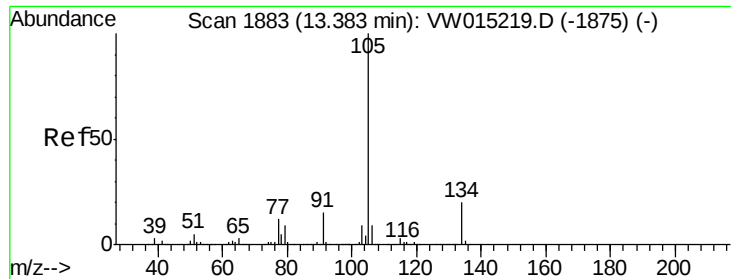
Tgt Ion:119 Resp: 473977
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.8 98.3
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.506 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion:105 Resp: 515406
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.0 69.0

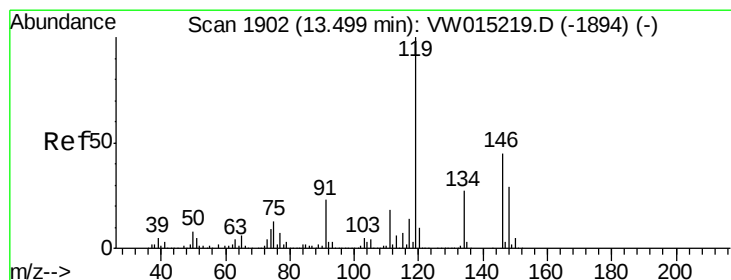
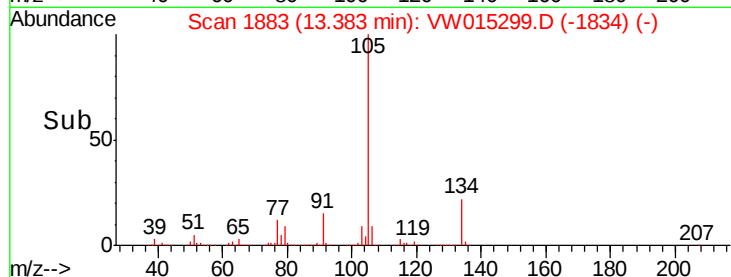
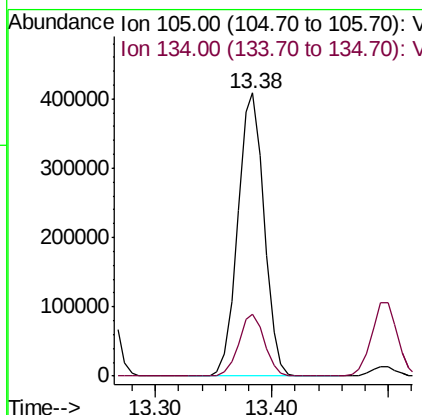
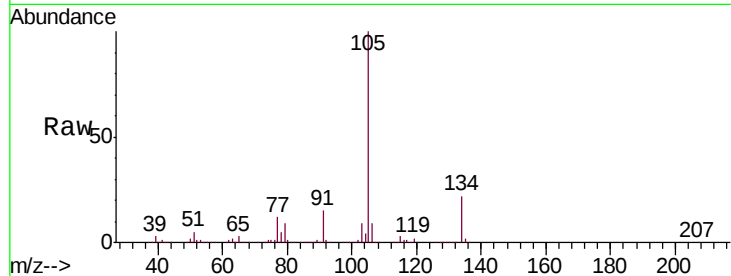




#85
 sec-Butylbenzene
 Concen: 51.328 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

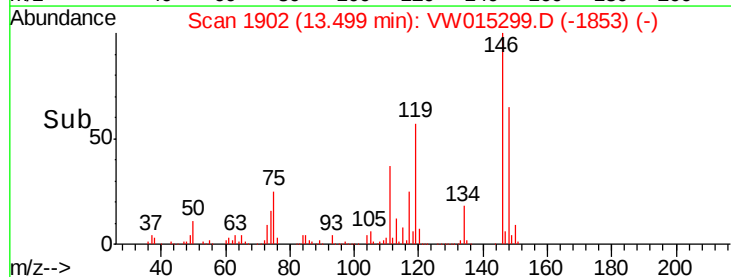
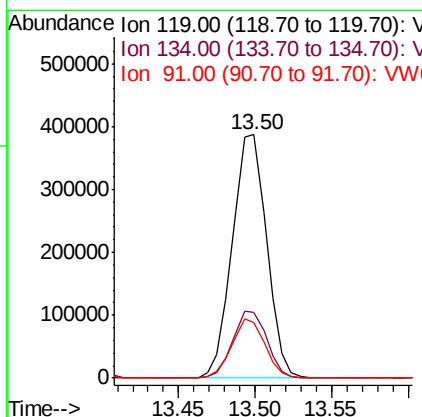
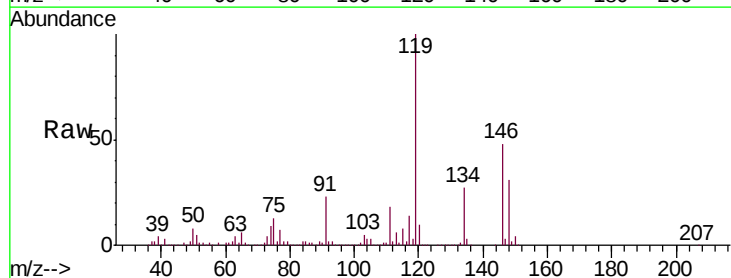
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

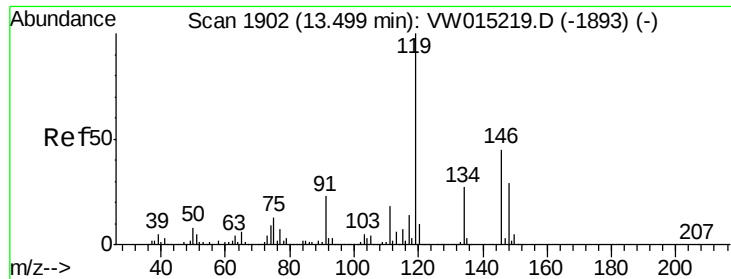
Tgt Ion:105 Resp: 641015
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.882 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion:119 Resp: 602069
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.9
 91 23.3 12.0 36.1

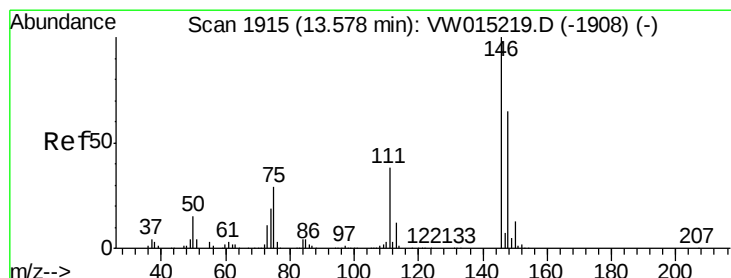
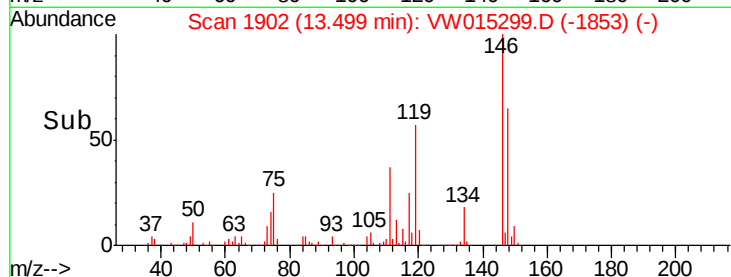
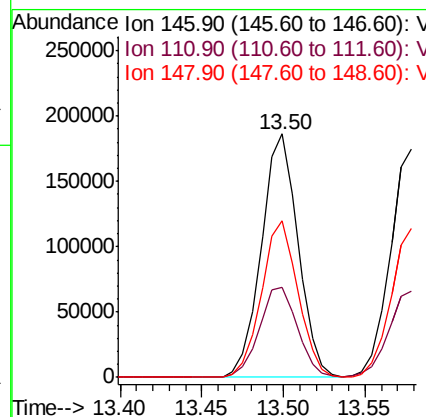
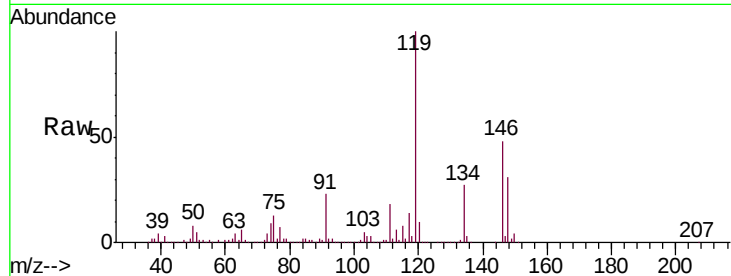




#87
 1,3-Dichlorobenzene
 Concen: 52.911 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

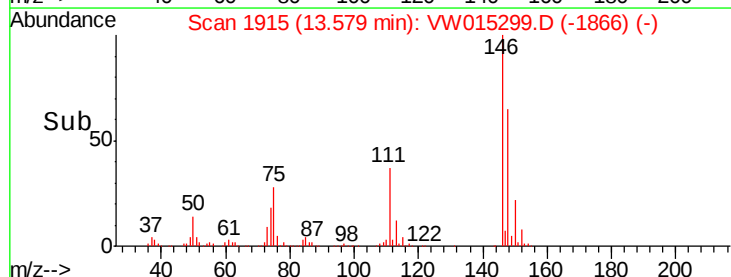
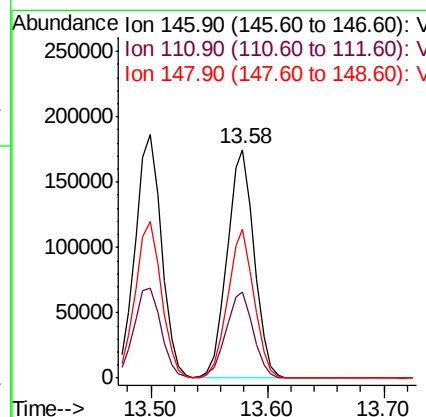
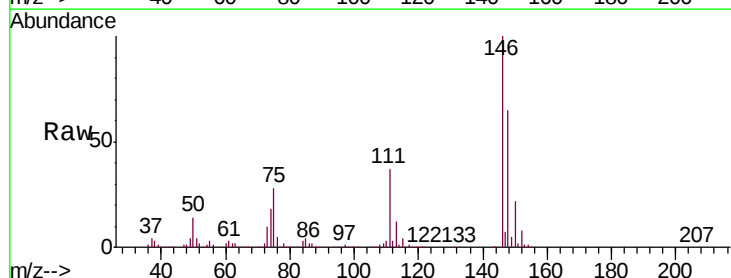
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

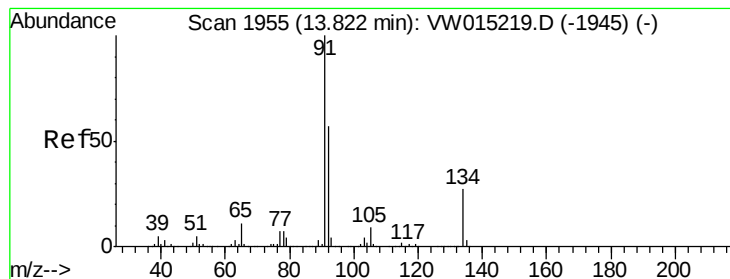
Tgt Ion:146 Resp: 290102
 Ion Ratio Lower Upper
 146 100
 111 38.3 21.1 63.4
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.894 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion:146 Resp: 278906
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.4 61.3
 148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 50.703 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015299.D

Acq: 22 Apr 2020 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

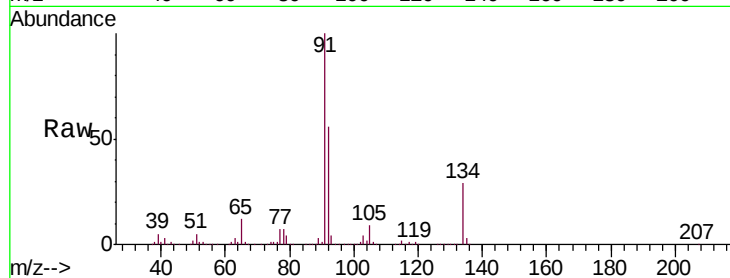
Tgt Ion: 91 Resp: 537792

Ion Ratio Lower Upper

91 100

92 55.4 27.6 82.7

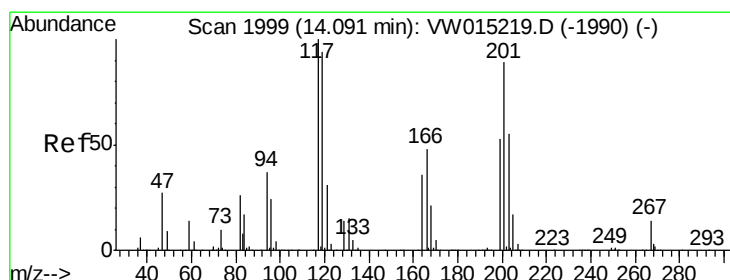
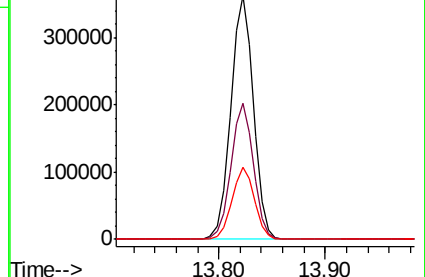
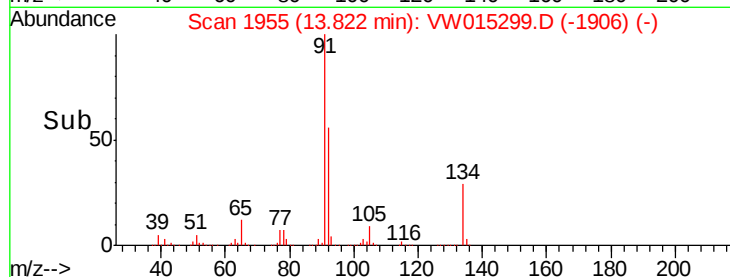
134 29.3 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.532 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015299.D

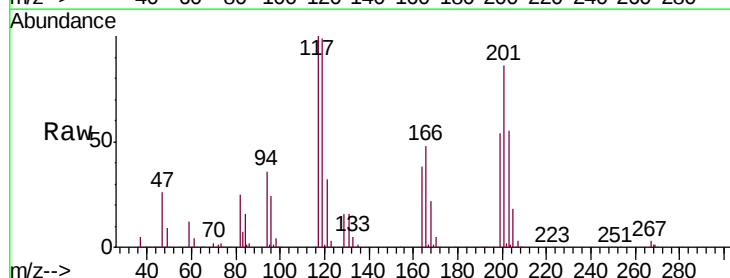
Acq: 22 Apr 2020 11:16

Tgt Ion: 117 Resp: 107540

Ion Ratio Lower Upper

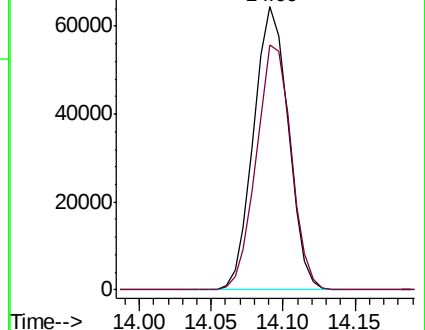
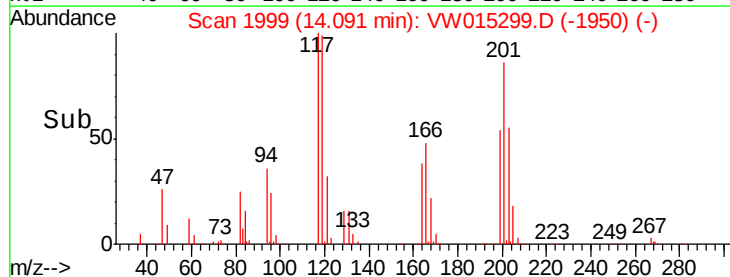
117 100

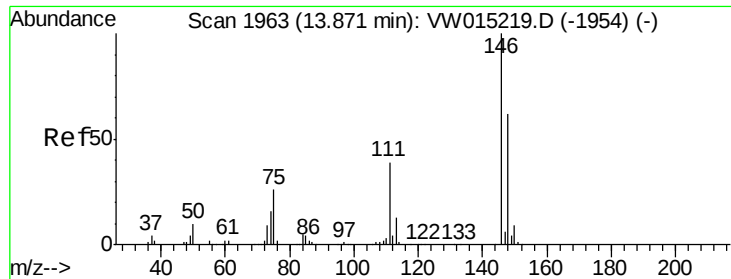
201 86.5 33.6 100.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

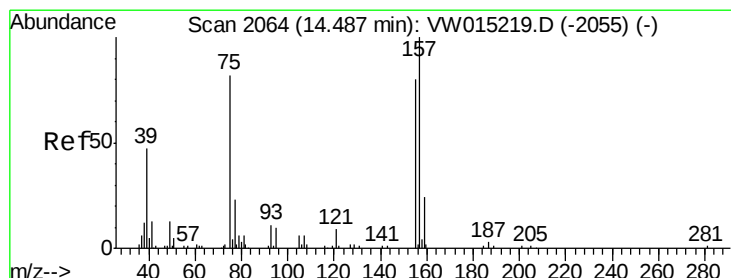
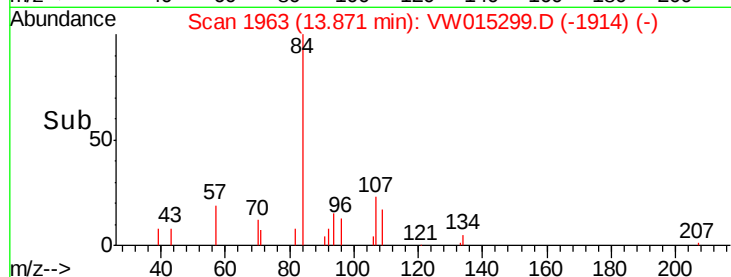
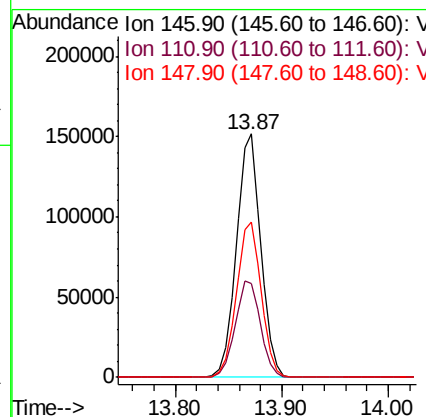
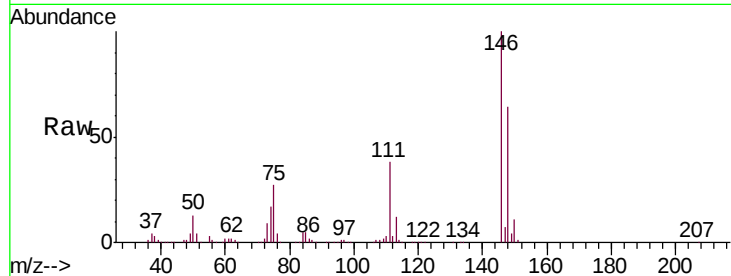




#91
 1,2-Dichlorobenzene
 Concen: 50.936 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

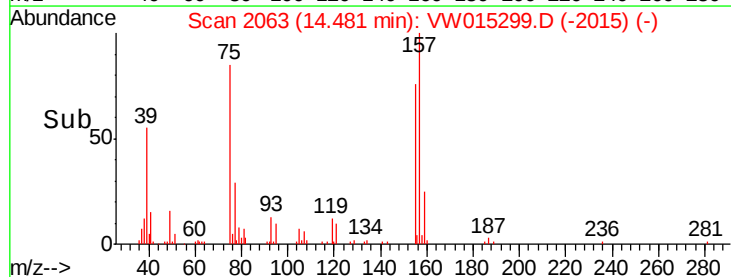
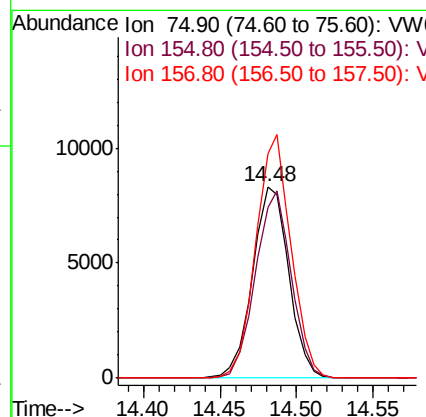
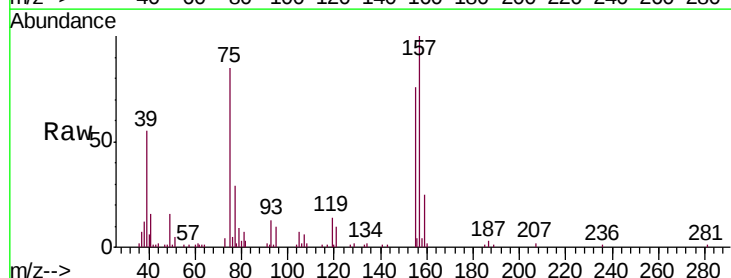
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

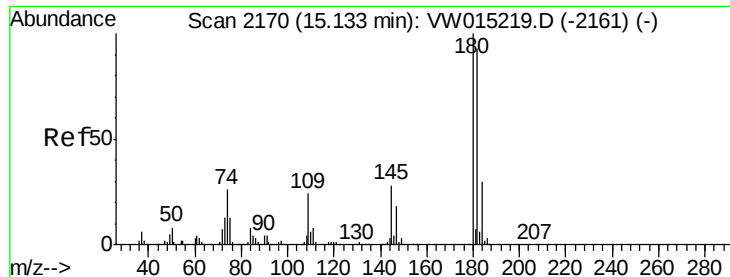
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.6	65.0
148	64.7	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.597 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	41.6	124.9
157	122.7	53.8	161.2

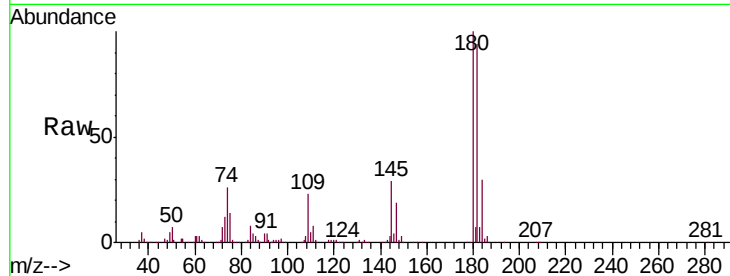




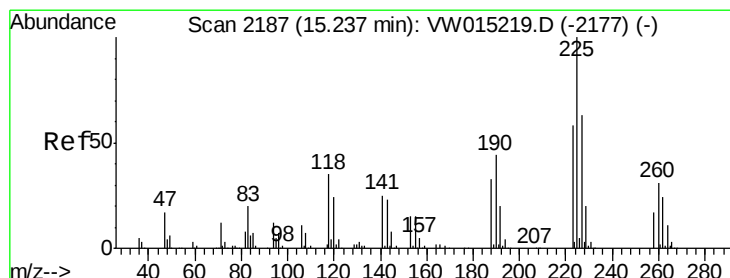
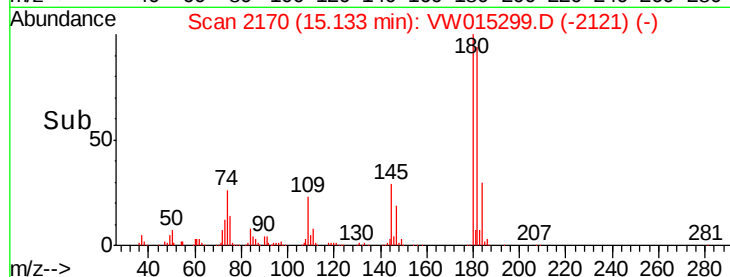
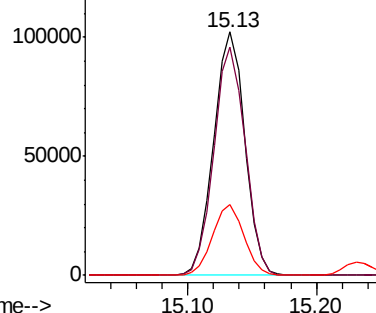
#93
 1,2,4-Trichlorobenzene
 Concen: 51.419 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 170281
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.4
 145 29.4 16.2 48.6

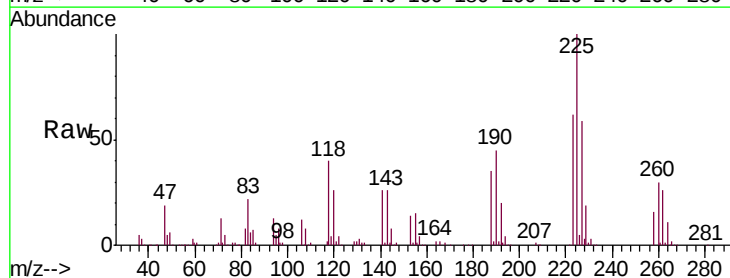


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

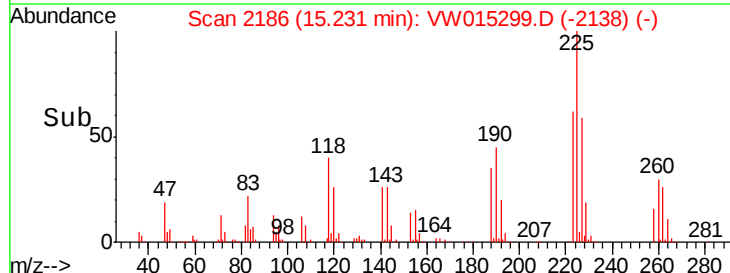
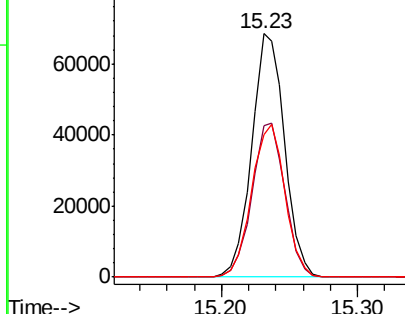


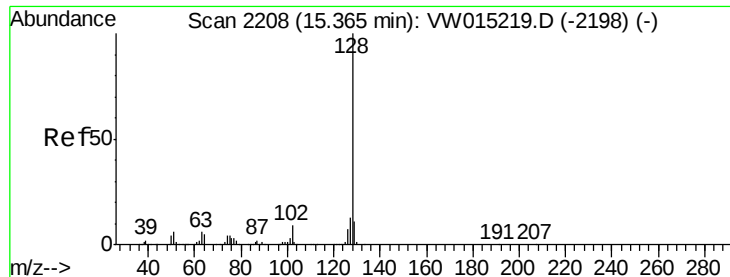
#94
 Hexachlorobutadiene
 Concen: 52.458 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015299.D
 Acq: 22 Apr 2020 11:16

Tgt Ion:225 Resp: 115821
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.0 93.0
 227 63.8 30.8 92.3



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

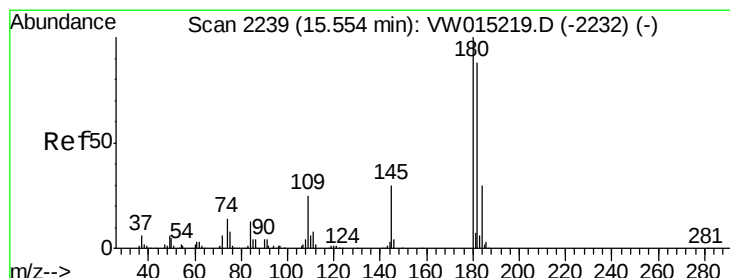
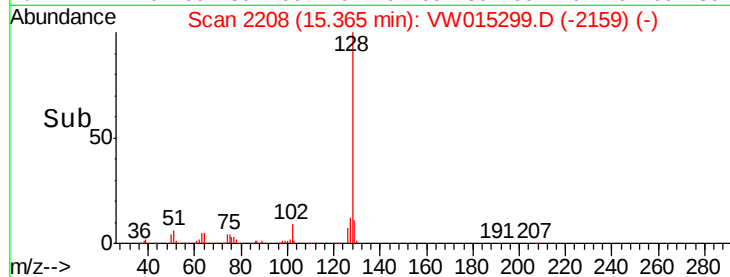
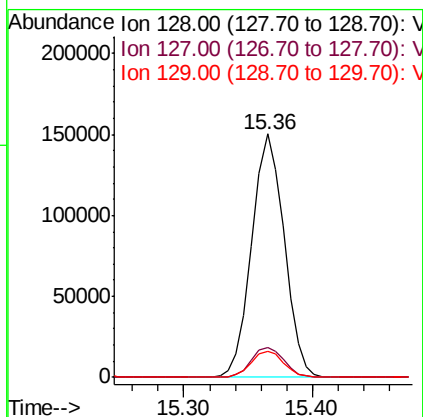
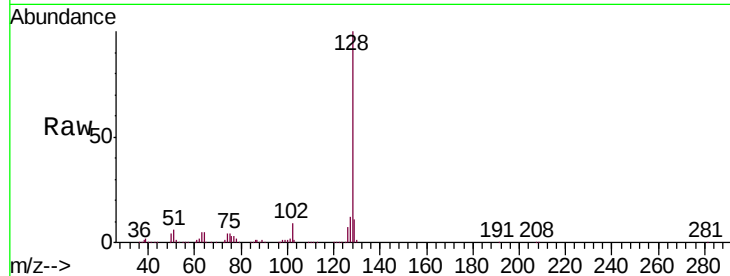




#95
Naphthalene
Concen: 49.089 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 261504
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.083 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015299.D
Acq: 22 Apr 2020 11:16

Tgt Ion:180 Resp: 143029
Ion Ratio Lower Upper
180 100
182 95.3 48.8 146.3
145 31.0 17.2 51.6

