

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007992.D
 Acq On : 12 Mar 2019 03:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 12 08:47:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121185	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	
35) Dibromofluoromethane	5.50	113	106058	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
50) Toluene-d8	8.71	98	385661	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.13	95	144001	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76566	42.974	ug/l	99
3) Chloromethane	1.33	50	105593	45.989	ug/l	100
4) Vinyl Chloride	1.41	62	102118	44.761	ug/l	99
5) Bromomethane	1.64	94	59212	55.429	ug/l	99
6) Chloroethane	1.72	64	71602	47.244	ug/l	100
7) Trichlorofluoromethane	1.93	101	136052	45.804	ug/l	97
8) Diethyl Ether	2.19	74	70862	55.093	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85919	46.678	ug/l	99
10) Methyl Iodide	2.51	142	141249	54.092	ug/l	98
11) Tert butyl alcohol	3.07	59	138597	281.718	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83440	47.028	ug/l	99
13) Acrolein	2.29	56	85445	306.552	ug/l	99
14) Allyl chloride	2.73	41	175256	47.007	ug/l	99
15) Acrylonitrile	3.15	53	331635	267.064	ug/l	100
16) Acetone	2.45	43	271065	212.881	ug/l	99
17) Carbon Disulfide	2.57	76	248604	46.105	ug/l	99
18) Methyl Acetate	2.78	43	153755	56.839	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	347117	56.868	ug/l	100
20) Methylene Chloride	2.85	84	107585	53.089	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	94648	48.481	ug/l	98
22) Diisopropyl ether	3.87	45	355723	52.049	ug/l	98
23) Vinyl Acetate	3.82	43	1563998	260.960	ug/l	98
24) 1,1-Dichloroethane	3.70	63	187858	51.077	ug/l	99
25) 2-Butanone	4.70	43	444876	246.785	ug/l	97
26) 2,2-Dichloropropane	4.58	77	91699	37.633	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	113462	50.789	ug/l	95
28) Bromochloromethane	5.01	49	89510	52.202	ug/l	97
29) Tetrahydrofuran	5.15	42	297830	264.867	ug/l	99
30) Chloroform	5.21	83	180189	51.792	ug/l	100
31) Cyclohexane	5.57	56	152829	45.212	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140024	48.508	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125486	44.711	ug/l	99
37) Ethyl Acetate	4.85	43	169014	50.746	ug/l	99
38) Carbon Tetrachloride	5.78	117	121874	45.740	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155163	45.625	ug/l	98
40) Benzene	6.14	78	415175	49.689	ug/l	100
41) Methacrylonitrile	5.05	41	95814	52.766	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141510	51.788	ug/l	100
43) Isopropyl Acetate	6.46	43	263779	53.514	ug/l	99
44) Trichloroethene	7.21	130	113807	49.426	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115373	52.280	ug/l	99
46) Dibromomethane	7.66	93	74375	53.255	ug/l	98
47) Bromodichloromethane	7.90	83	138734	52.395	ug/l	98
48) Methyl methacrylate	7.77	41	139275	53.742	ug/l	98
49) 1,4-Dioxane	7.75	88	57733	1084.476	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	846200	266.945	ug/l	99
52) Toluene	8.78	92	260729	51.112	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151656	54.875	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	167305	53.608	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114867	55.626	ug/l	99
56) Ethyl methacrylate	9.18	69	177886	57.373	ug/l	97
57) 1,3-Dichloropropane	9.37	76	189100	54.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	461208	287.568	ug/l	99
59) 2-Hexanone	9.49	43	629326	255.712	ug/l	99
60) Dibromochloromethane	9.58	129	120421	55.791	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122155	55.716	ug/l	99
64) Tetrachloroethene	9.34	164	118180	49.233	ug/l	98
65) Chlorobenzene	10.13	112	298530	49.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111241	51.206	ug/l	100
67) Ethyl Benzene	10.25	91	484891	48.598	ug/l	100
68) m/p-Xylenes	10.36	106	379399	98.650	ug/l	100
69) o-Xylene	10.69	106	185609	49.989	ug/l	100
70) Styrene	10.71	104	315717	51.962	ug/l	99
71) Bromoform	10.85	173	96138	51.532	ug/l #	99
73) Isopropylbenzene	11.02	105	482557	47.366	ug/l	100
74) N-amyl acetate	10.90	43	223451	48.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	166314	47.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191215	60.491	ug/l	91
77) Bromobenzene	11.26	156	137311	49.159	ug/l	98
78) n-propylbenzene	11.36	91	538877	47.678	ug/l	100
79) 2-Chlorotoluene	11.42	91	331364	47.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	408893	48.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46558	47.080	ug/l	99
82) 4-Chlorotoluene	11.51	91	381924	48.226	ug/l	99
83) tert-Butylbenzene	11.77	119	394700	46.730	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	423717	49.293	ug/l	100
85) sec-Butylbenzene	11.94	105	476378	47.888	ug/l	99
86) p-Isopropyltoluene	12.06	119	430780	48.353	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241906	48.954	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	243430	48.103	ug/l	100
89) n-Butylbenzene	12.38	91	360697	47.788	ug/l	100
90) Hexachloroethane	12.60	117	71130	47.753	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	243692	49.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35305	48.071	ug/l	96

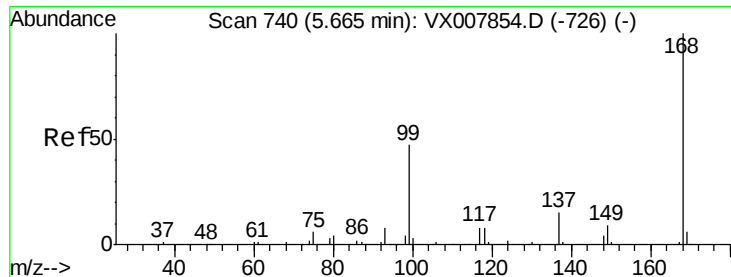
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177355	51.428	ug/l	100
94) Hexachlorobutadiene	13.78	225	85620	47.488	ug/l	99
95) Naphthalene	13.83	128	529921	53.331	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178136	51.853	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

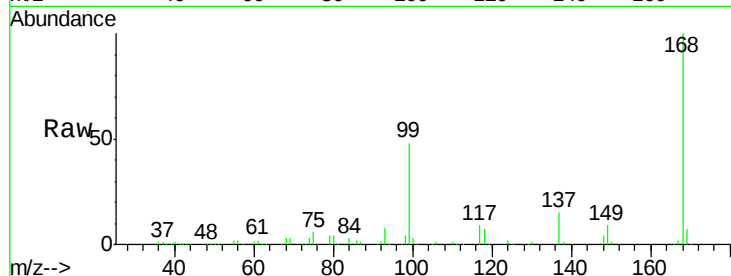
VSTDCCC050

Tot Ion:168 Resp: 208540

Ion Ratio Lower Upper

168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

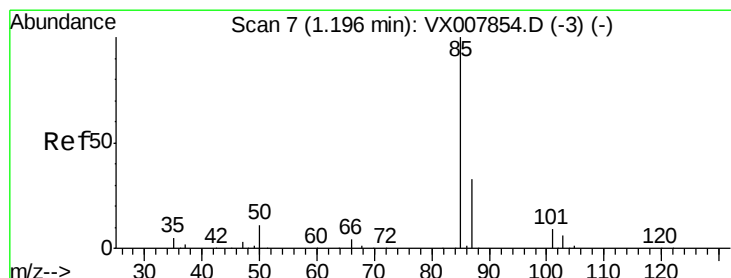
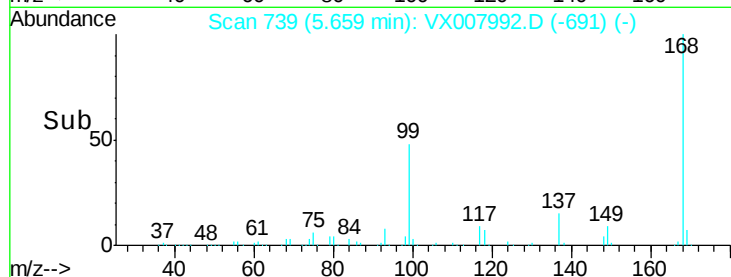
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.974 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007992.D

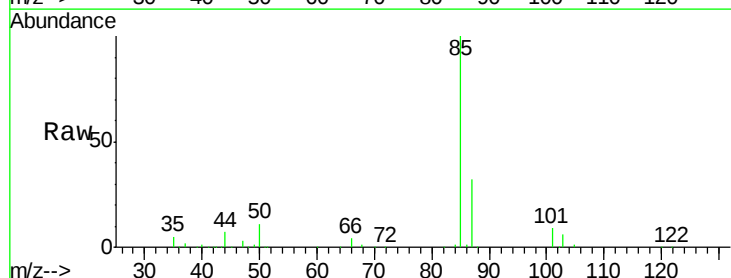
Acq: 12 Mar 2019 03:11

Tgt Ion: 85 Resp: 76566

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

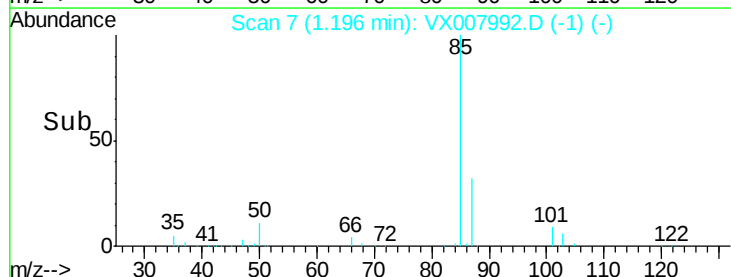
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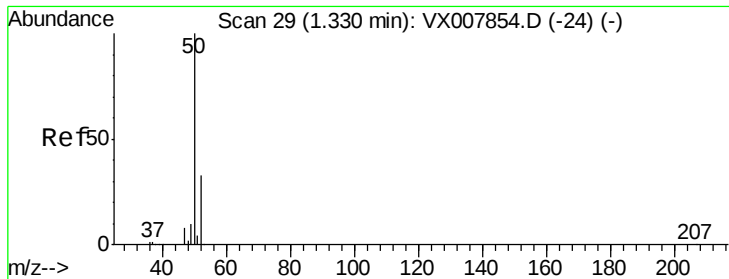
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.989 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

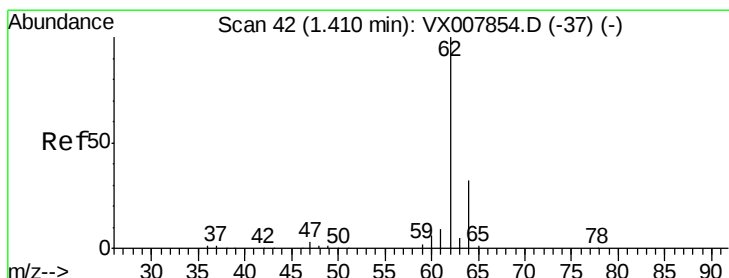
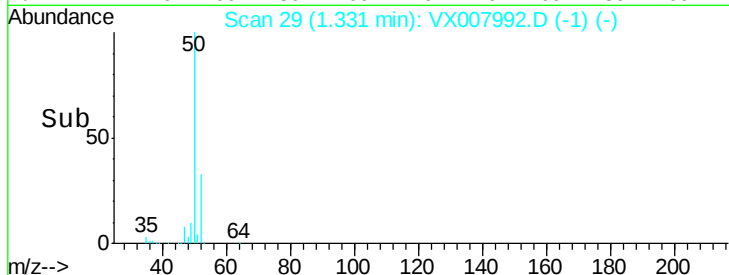
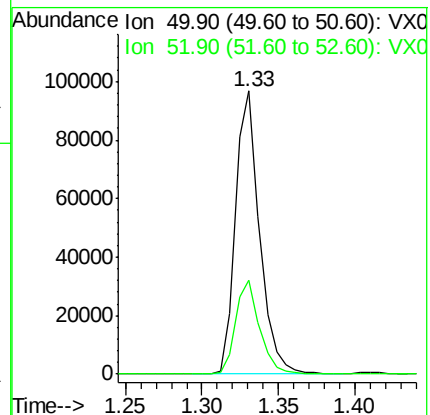
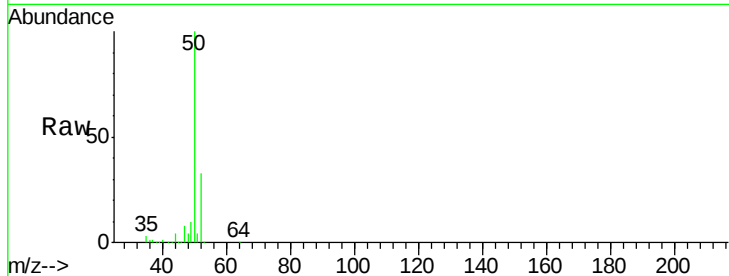
VSTDCCC050

Tot Ion: 50 Resp: 105593

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 44.761 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007992.D

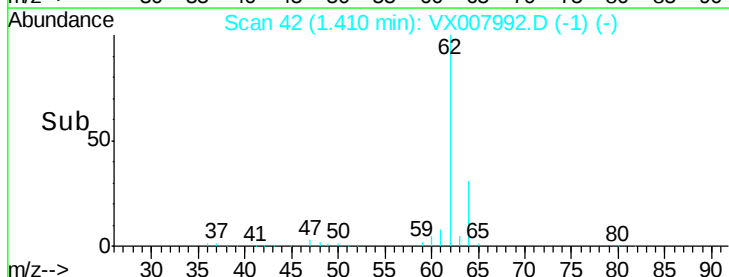
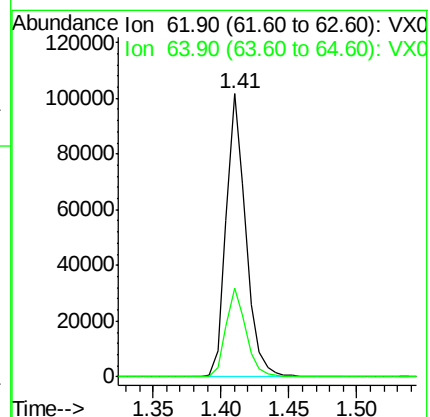
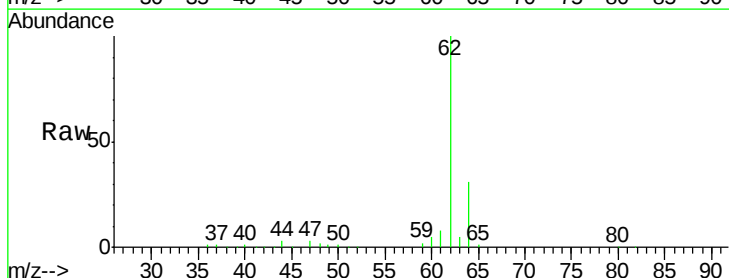
Acq: 12 Mar 2019 03:11

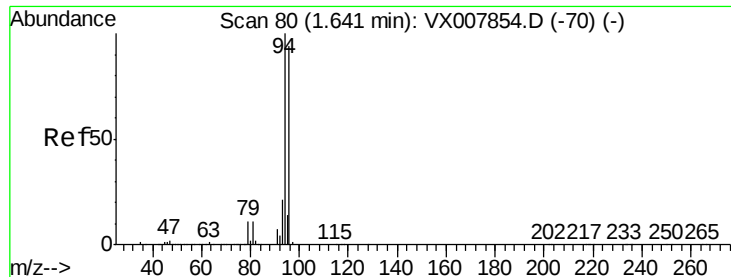
Tgt Ion: 62 Resp: 102118

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 55.429 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

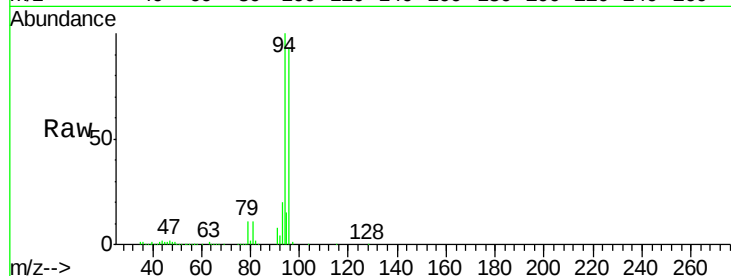
VSTDCCC050

Tot Ion: 94 Resp: 59212

Ion Ratio Lower Upper

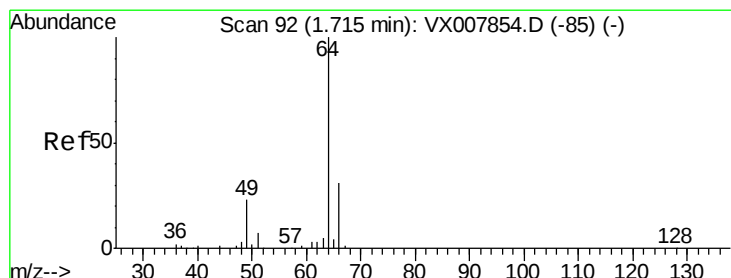
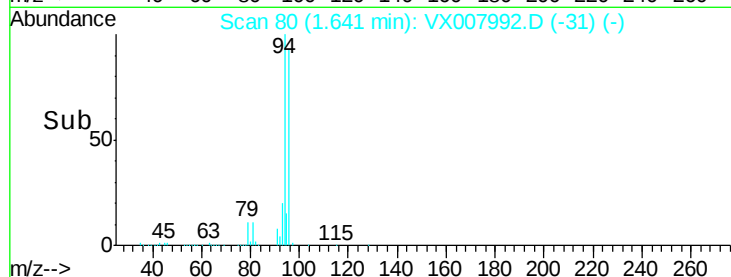
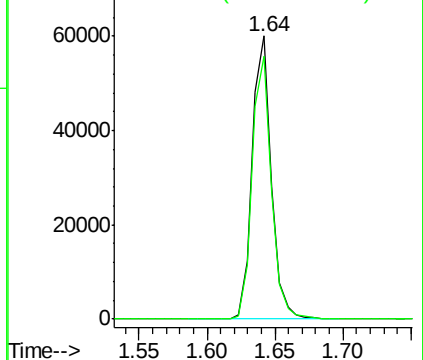
94 100

96 93.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.244 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007992.D

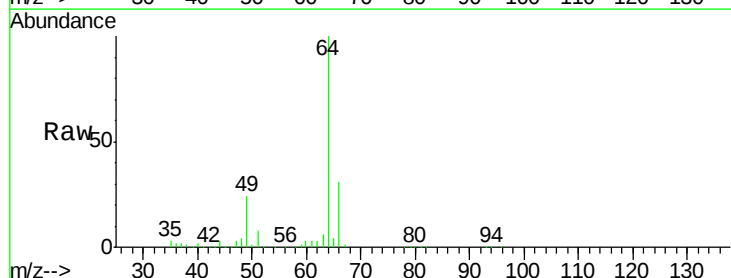
Acq: 12 Mar 2019 03:11

Tgt Ion: 64 Resp: 71602

Ion Ratio Lower Upper

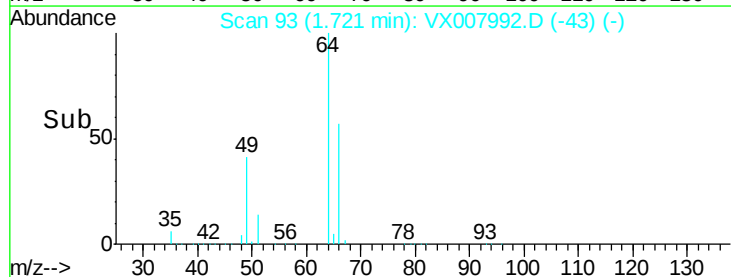
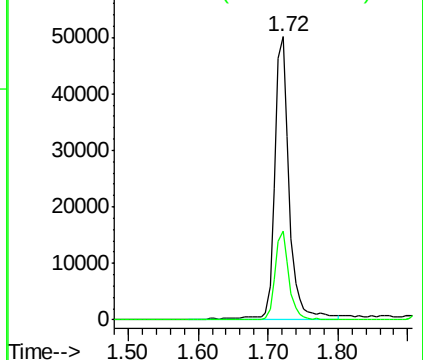
64 100

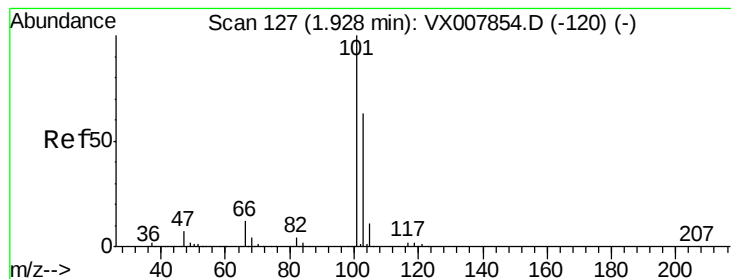
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



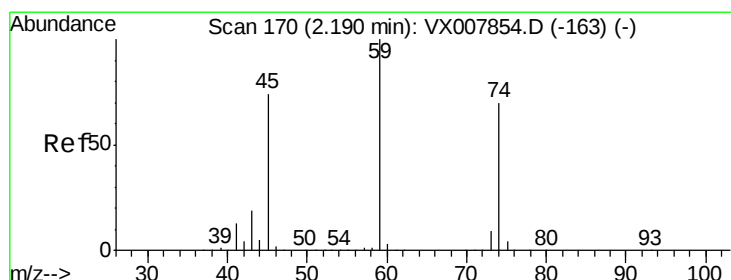
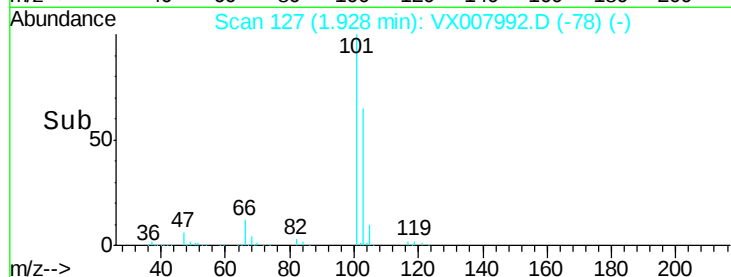
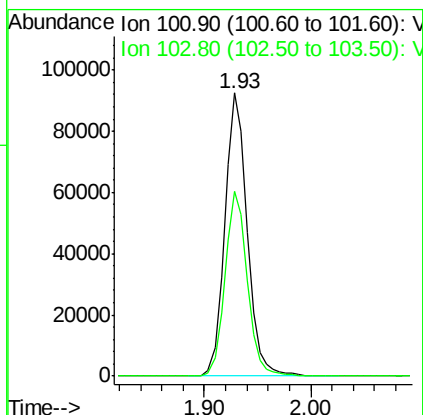
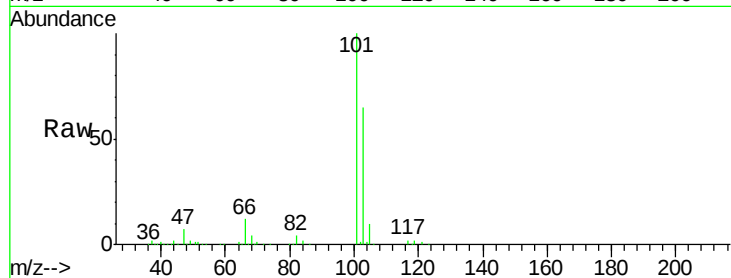


#7

Trichlorofluoromethane
 Concen: 45.804 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Instrument :
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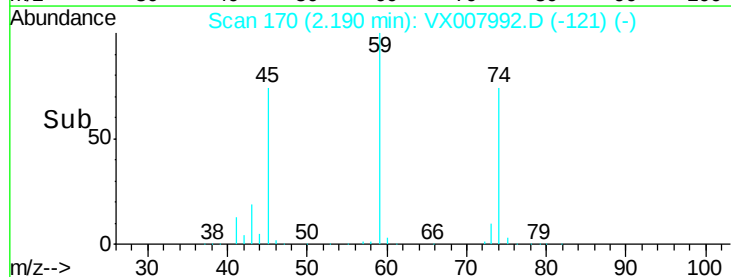
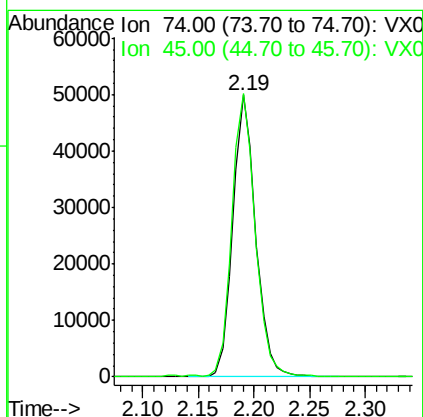
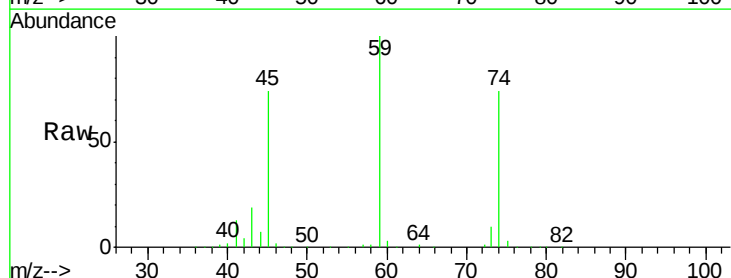
Tot Ion:101 Resp: 136052
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.4 75.6

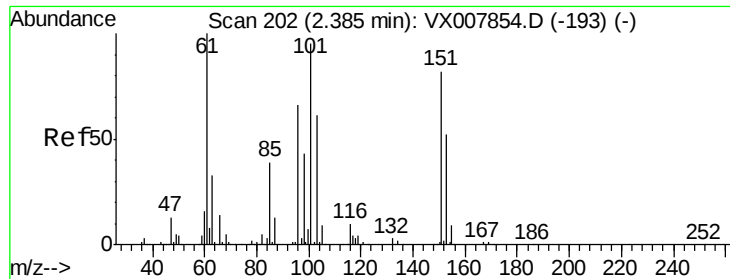


#8

Diethyl Ether
 Concen: 55.093 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 74 Resp: 70862
 Ion Ratio Lower Upper
 74 100
 45 102.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.678 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

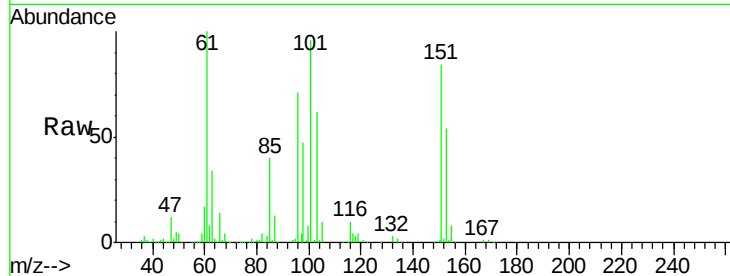
Tot Ion:101 Resp: 85919

Ion Ratio Lower Upper

101 100

85 41.5 33.8 50.6

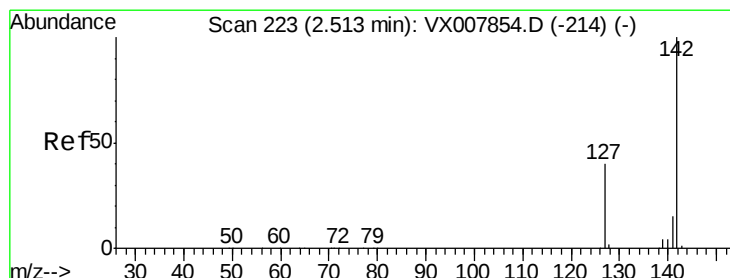
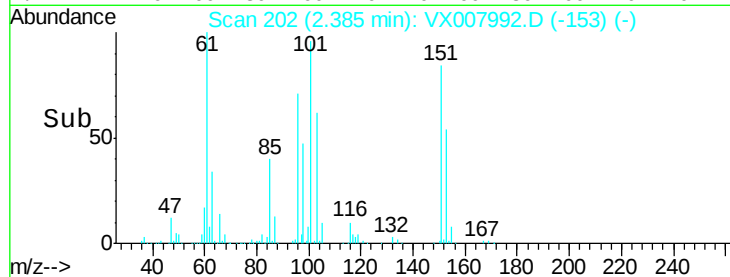
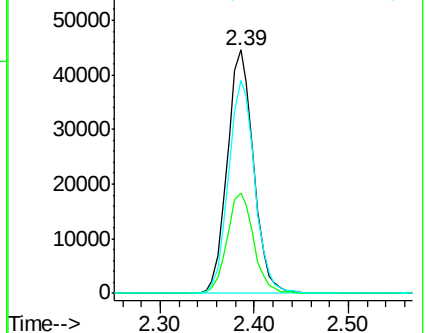
151 87.9 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.092 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

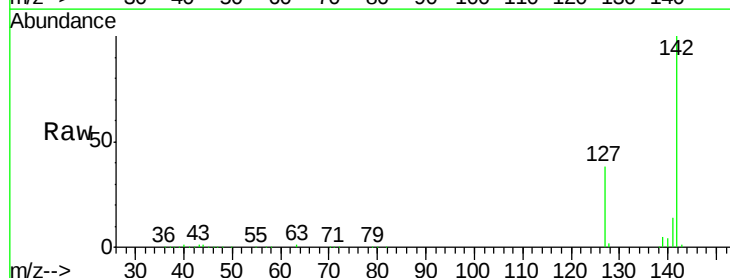
Tgt Ion:142 Resp: 141249

Ion Ratio Lower Upper

142 100

127 38.8 32.1 48.1

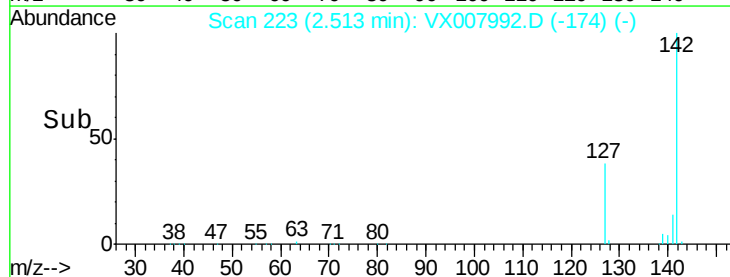
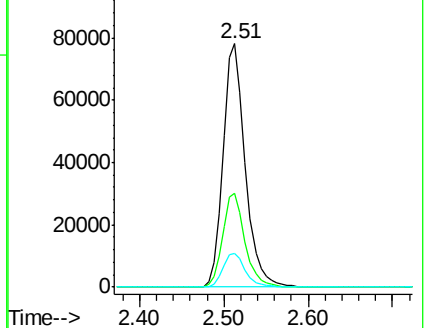
141 14.2 11.4 17.2

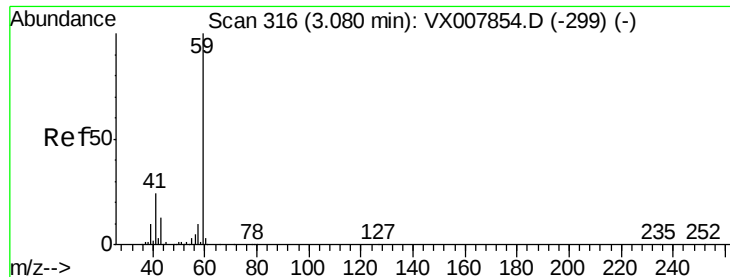


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



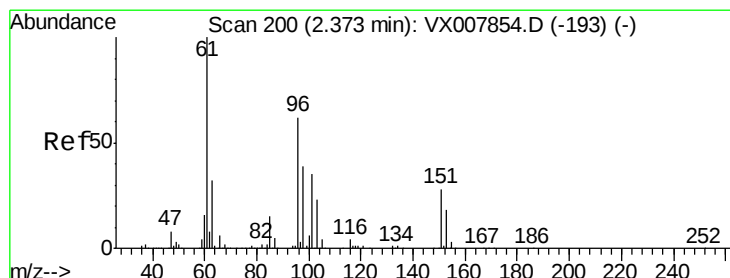
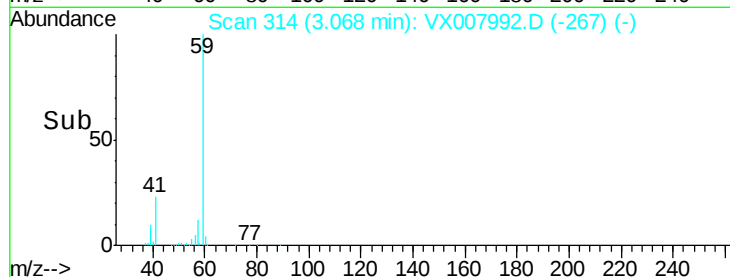
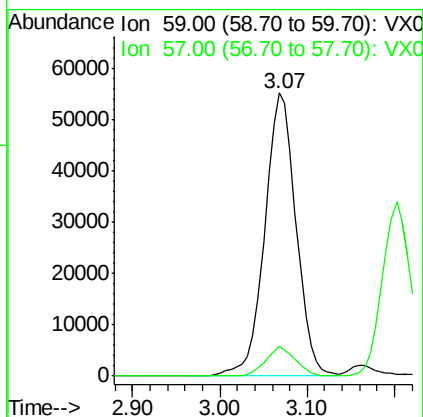
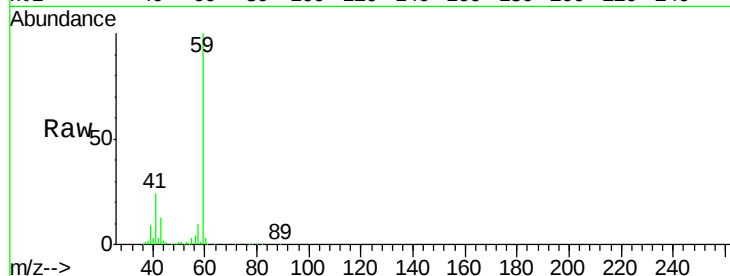


#11

Tert butyl alcohol
Concen: 281.718 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

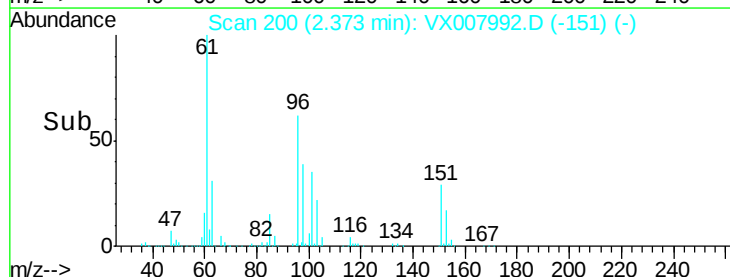
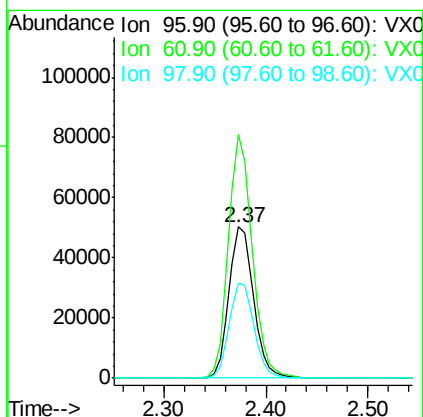
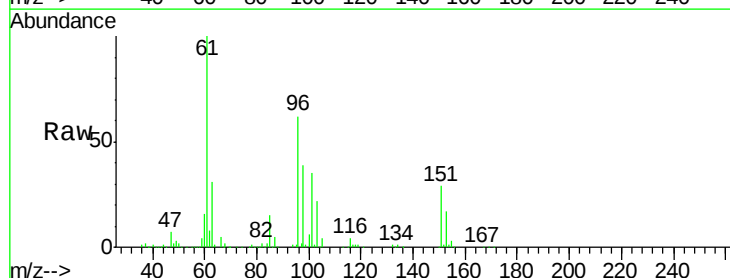
Tot Ion: 59 Resp: 138597
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12

1,1-Dichloroethene
Concen: 47.028 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 96 Resp: 83440
Ion Ratio Lower Upper
96 100
61 161.0 129.8 194.6
98 63.0 51.0 76.6





#13

Acrolein

Concen: 306.552 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

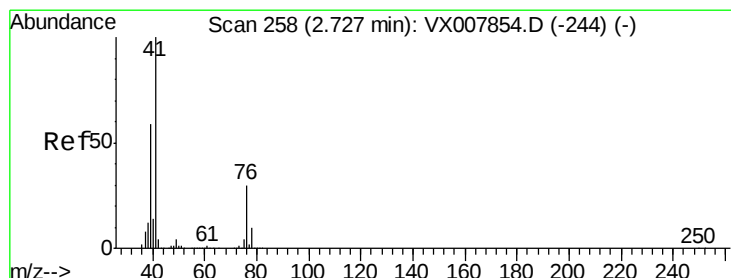
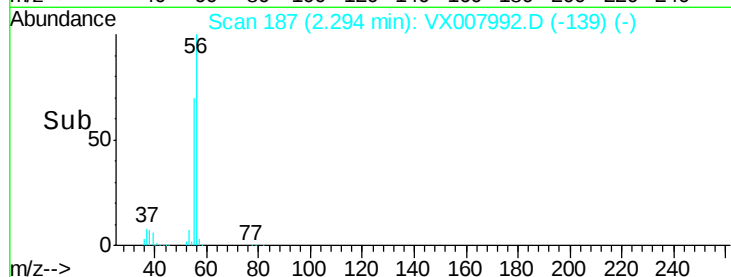
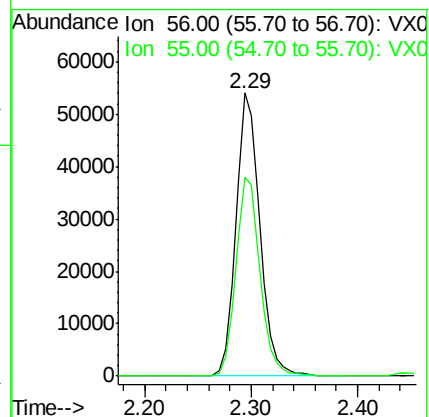
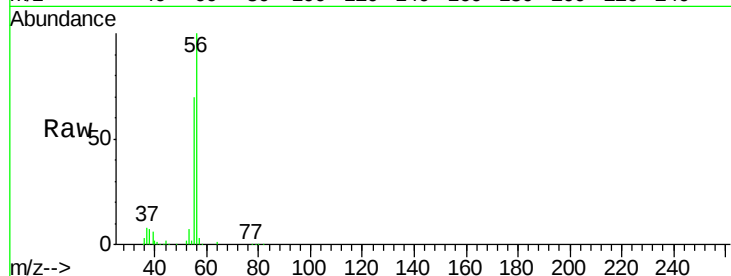
VSTDCCC050

Tot Ion: 56 Resp: 85445

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 47.007 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

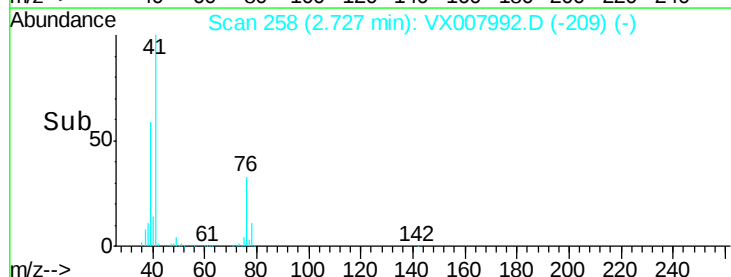
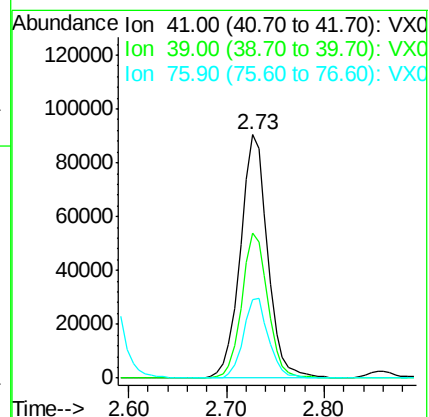
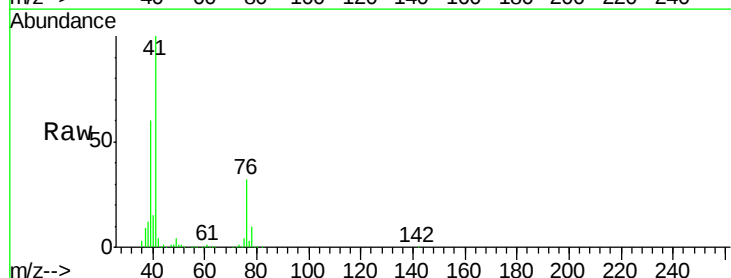
Tgt Ion: 41 Resp: 175256

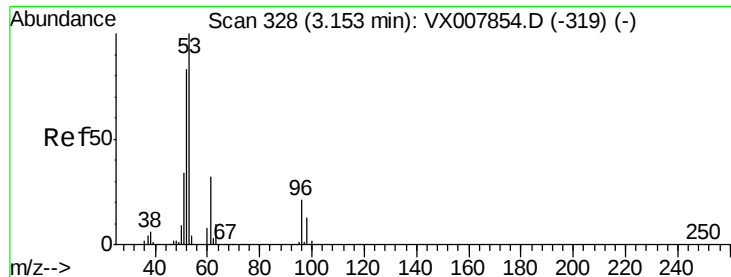
Ion Ratio Lower Upper

41 100

39 56.9 46.1 69.1

76 30.4 24.0 36.0





#15

Acrylonitrile

Concen: 267.064 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

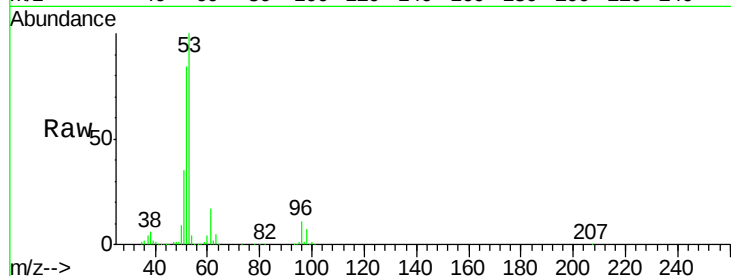
Tot Ion: 53 Resp: 331635

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

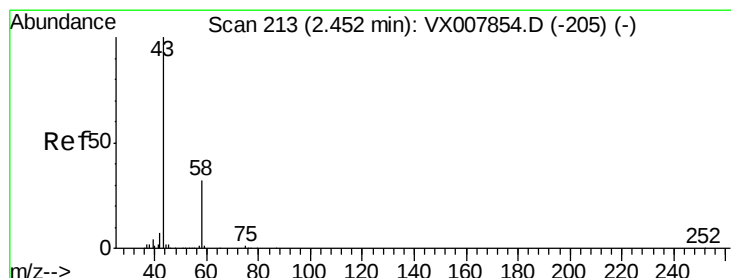
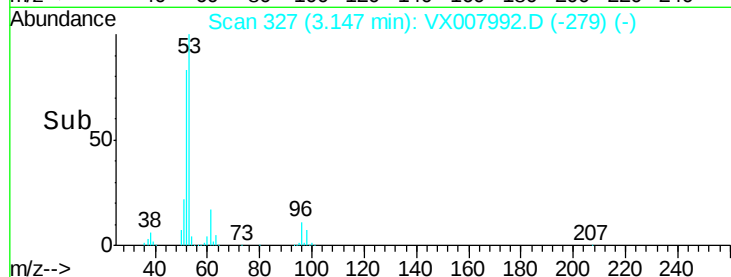
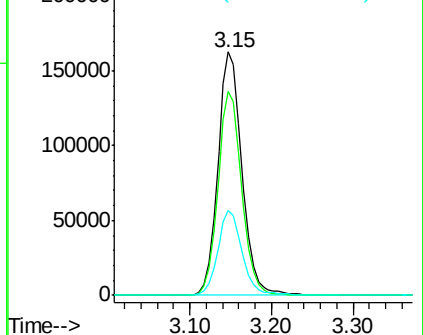
51 35.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.881 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007992.D

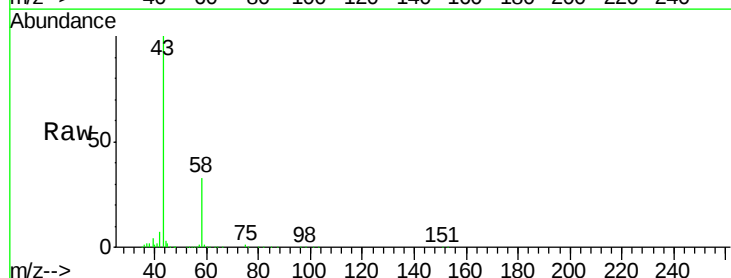
Acq: 12 Mar 2019 03:11

Tgt Ion: 43 Resp: 271065

Ion Ratio Lower Upper

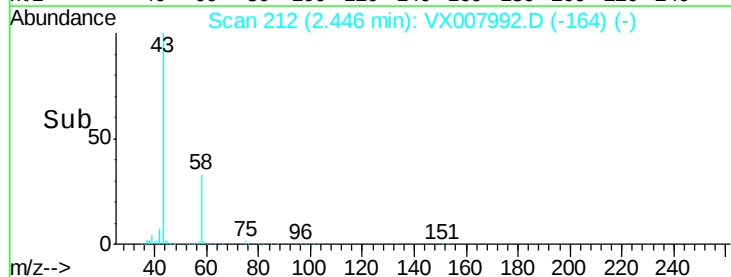
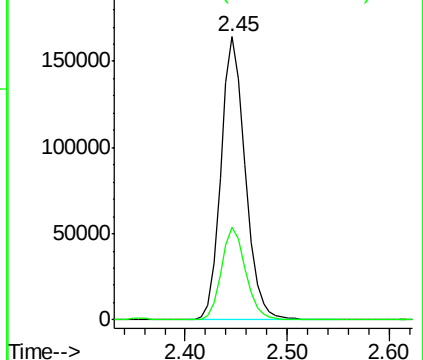
43 100

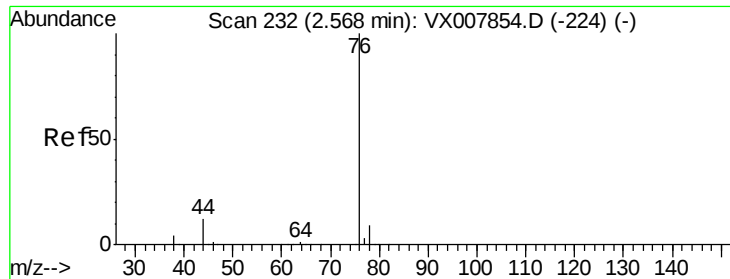
58 32.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

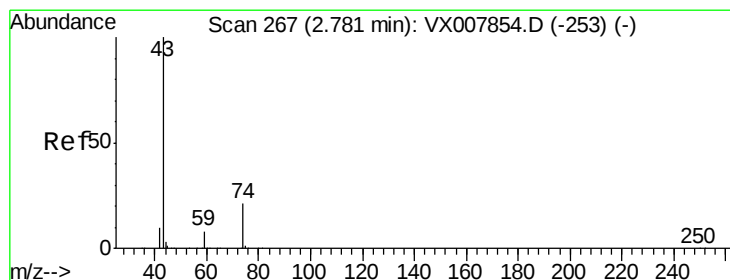
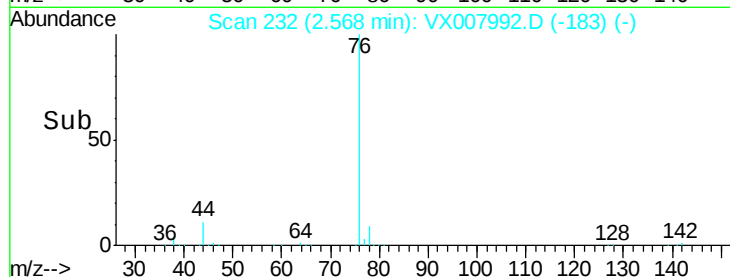
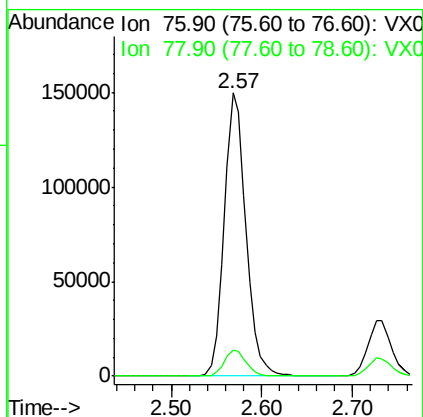
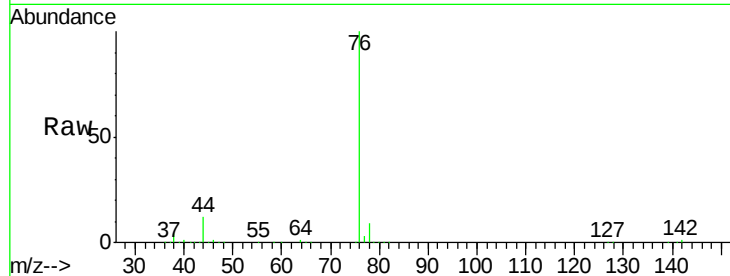




#17
Carbon Disulfide
Concen: 46.105 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

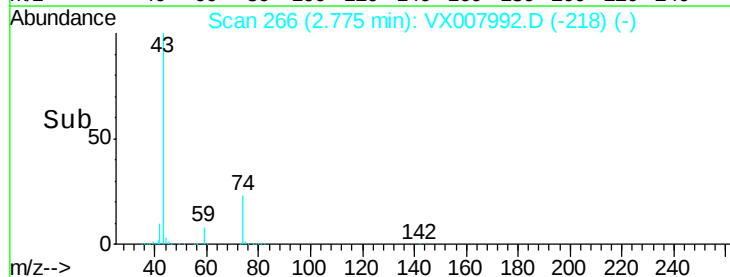
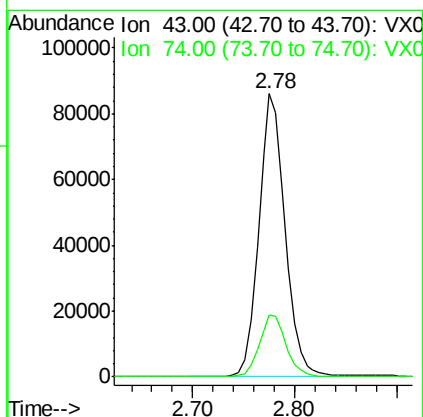
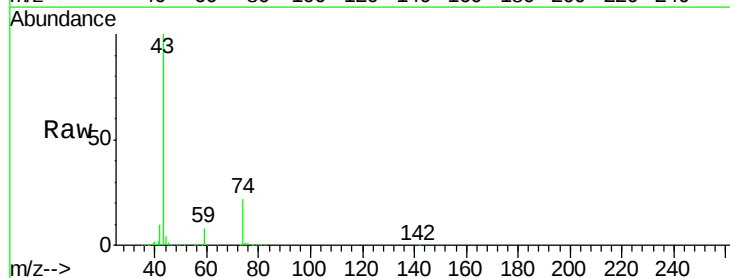
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

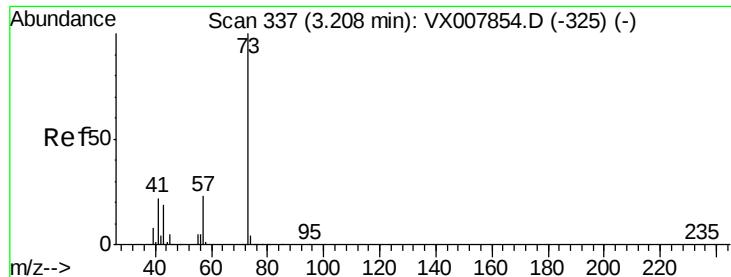
Tot Ion: 76 Resp: 248604
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 56.839 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 43 Resp: 153755
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6

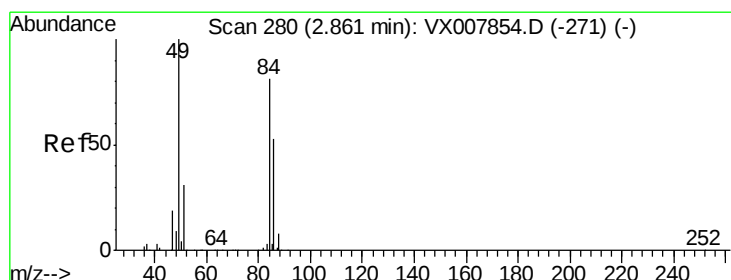
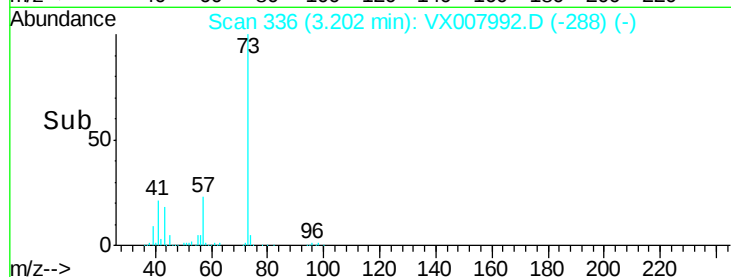
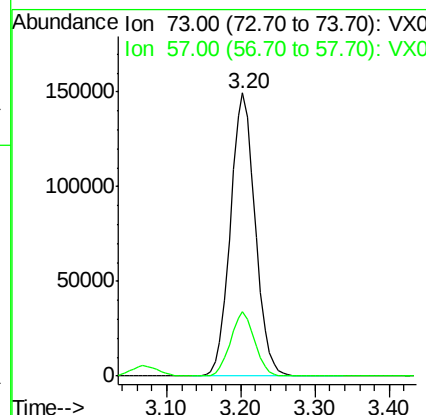
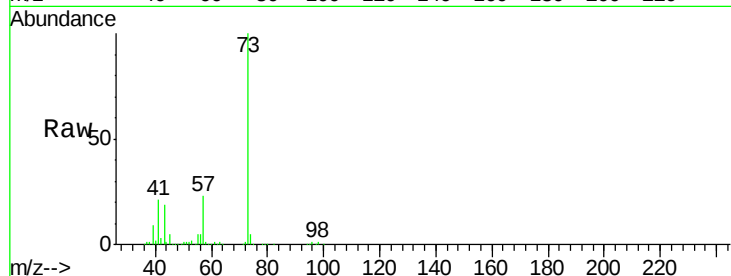




#19
Methyl tert-butyl Ether
Concen: 56.868 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

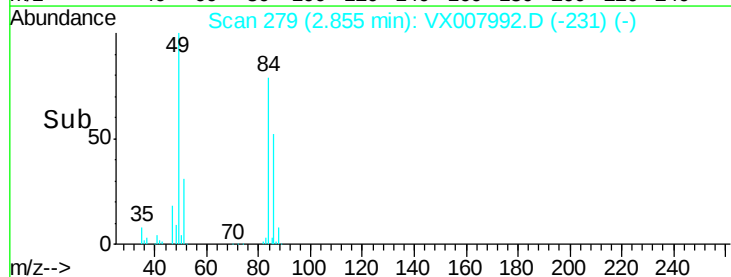
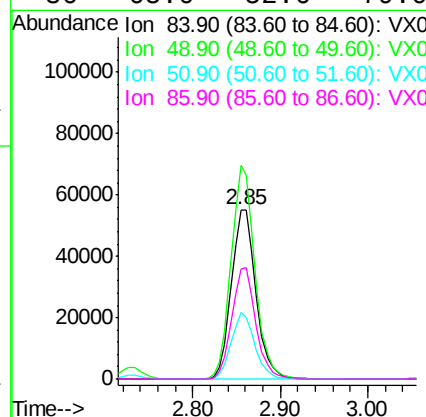
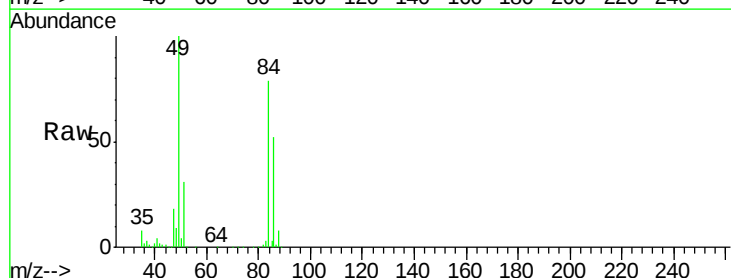
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 347117
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 53.089 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 84 Resp: 107585
Ion Ratio Lower Upper
84 100
49 126.0 99.3 148.9
51 39.0 31.3 46.9
86 65.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.481 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

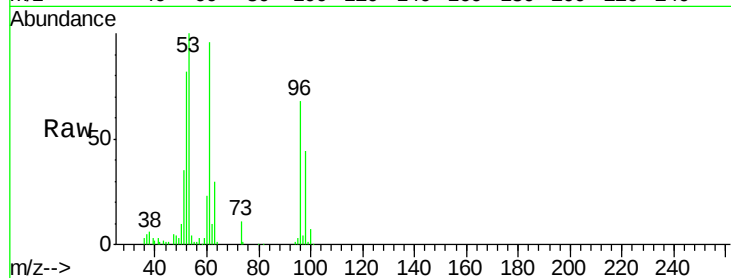
Tot Ion: 96 Resp: 94648

Ion Ratio Lower Upper

96 100

61 140.3 114.4 171.6

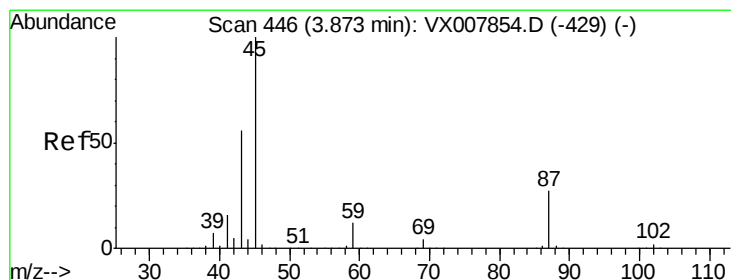
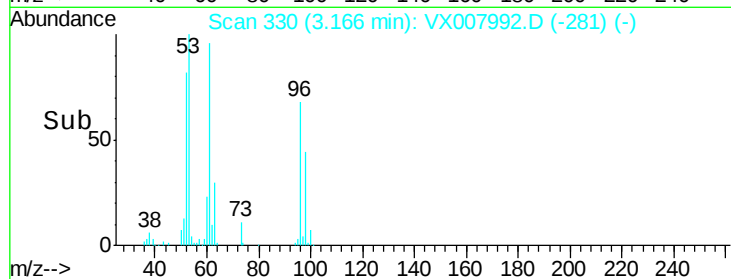
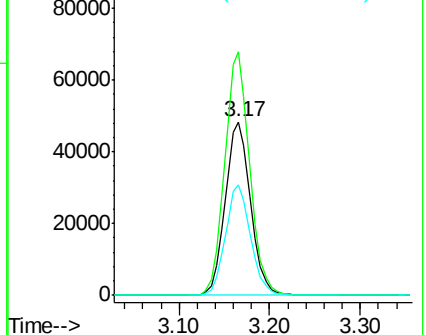
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.049 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Tgt Ion: 45 Resp: 355723

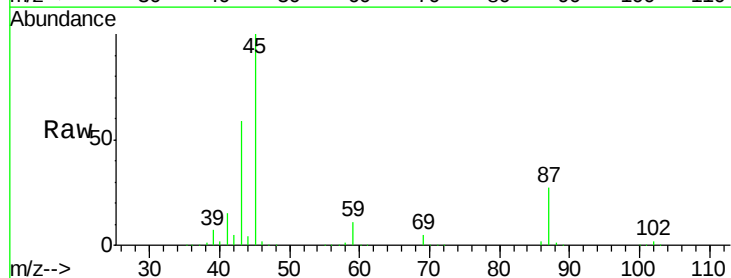
Ion Ratio Lower Upper

45 100

43 58.7 45.3 67.9

87 27.5 21.4 32.0

59 11.1 9.5 14.3

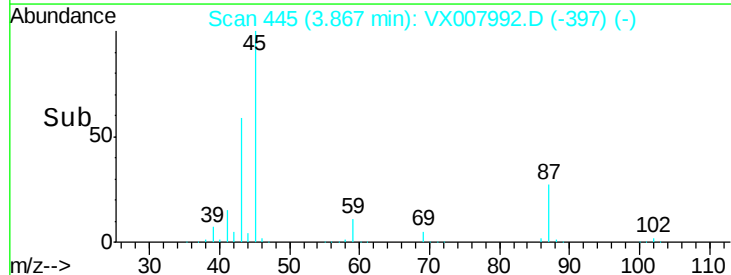
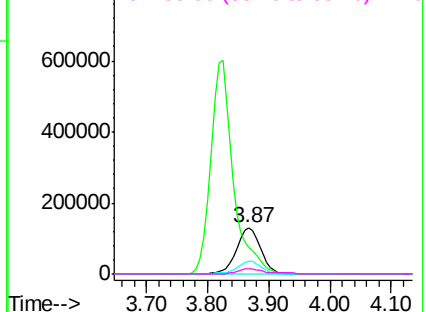


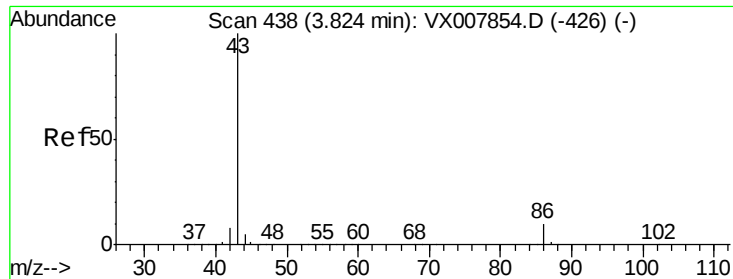
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.960 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

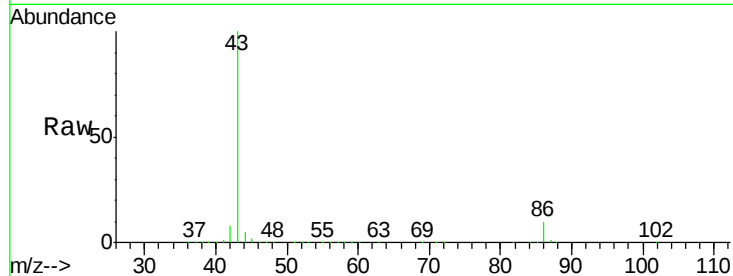
VSTDCCC050

Tot Ion: 43 Resp: 1563998

Ion Ratio Lower Upper

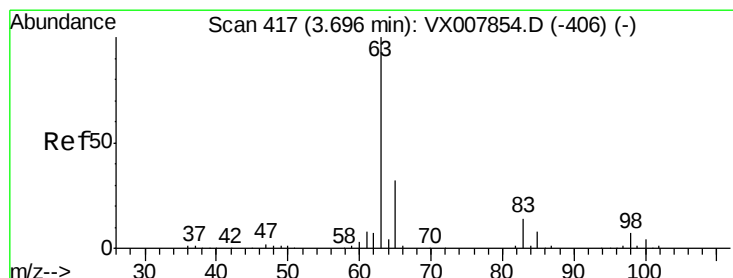
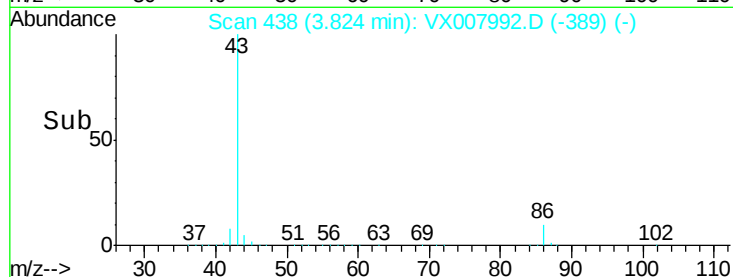
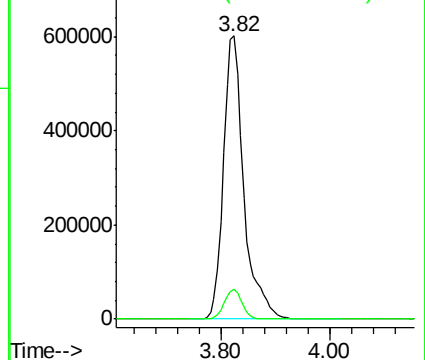
43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.077 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

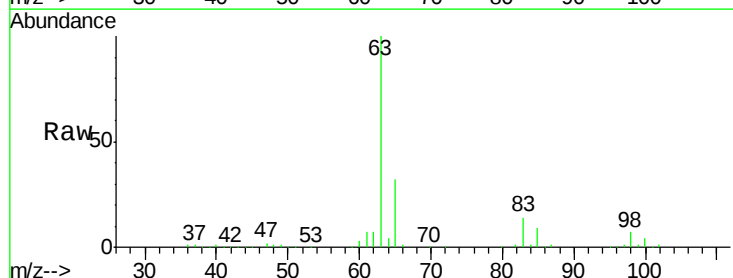
Tgt Ion: 63 Resp: 187858

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

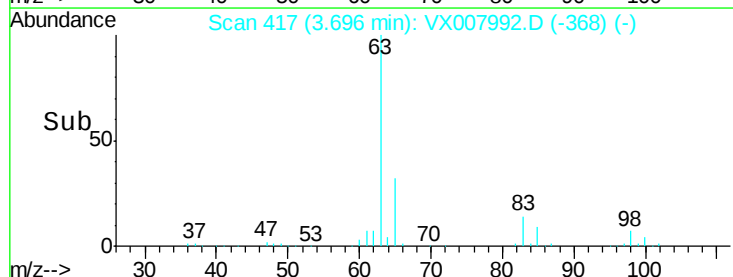
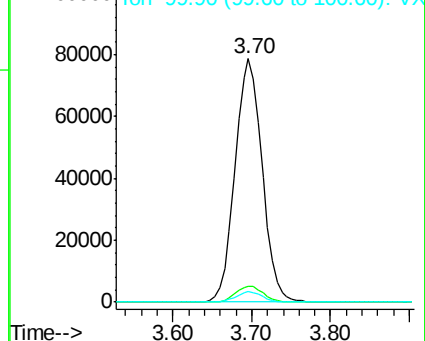
100 4.2 2.3 6.8

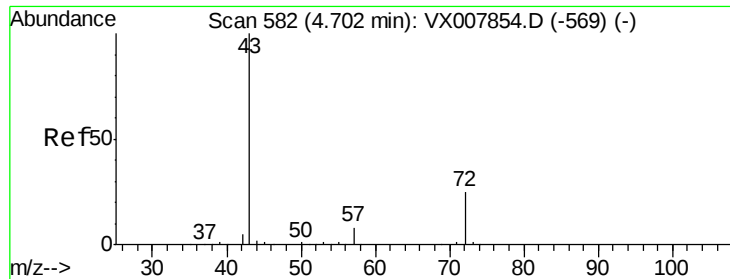


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.785 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

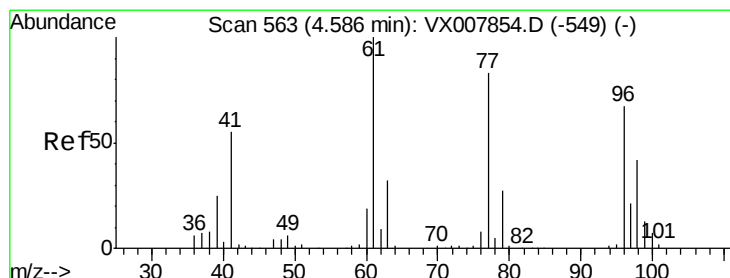
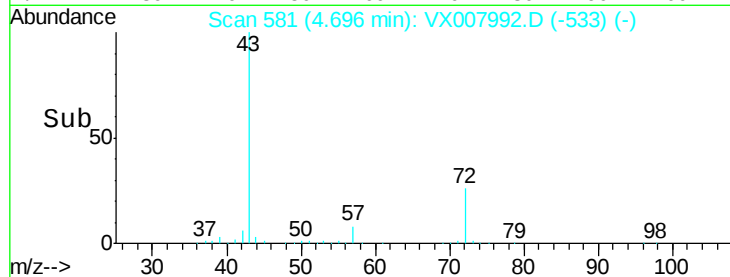
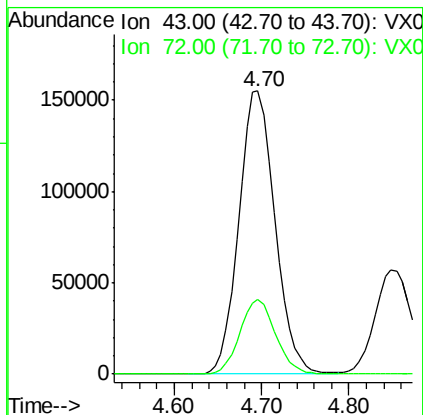
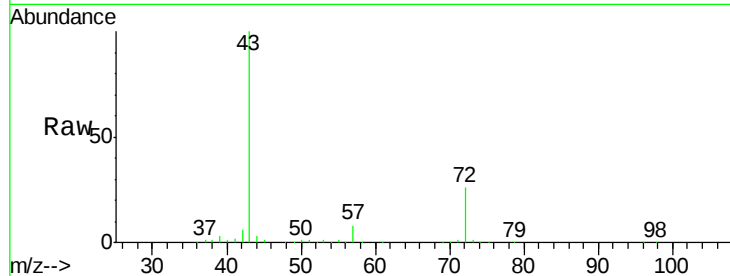
VSTDCCC050

Tot Ion: 43 Resp: 444876

Ion Ratio Lower Upper

43 100

72 26.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 37.633 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007992.D

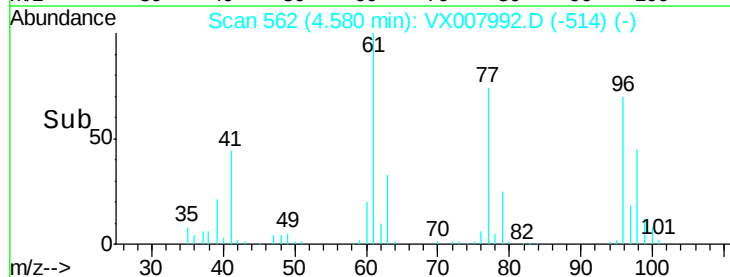
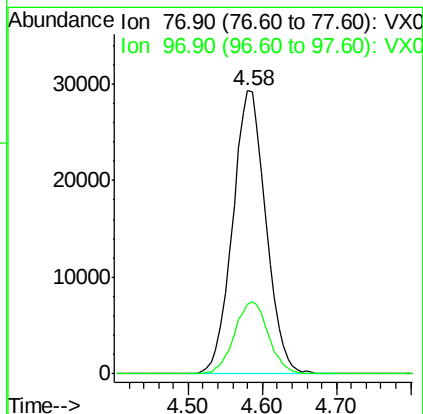
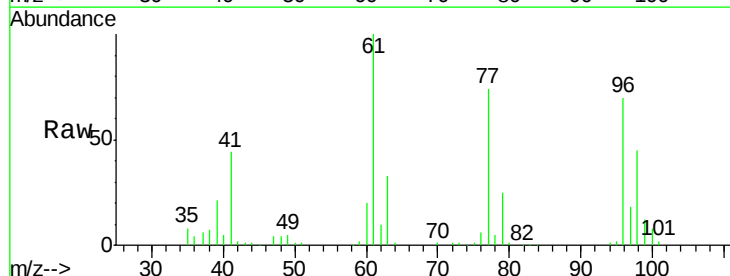
Acq: 12 Mar 2019 03:11

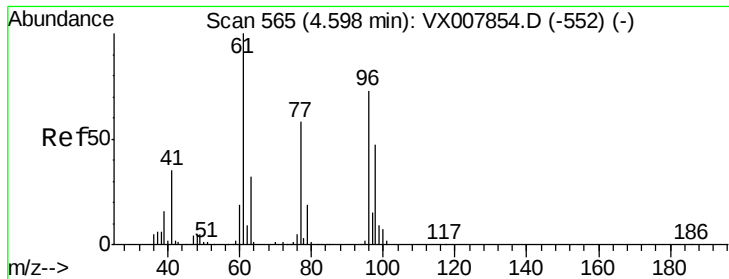
Tgt Ion: 77 Resp: 91699

Ion Ratio Lower Upper

77 100

97 26.1 12.2 36.6



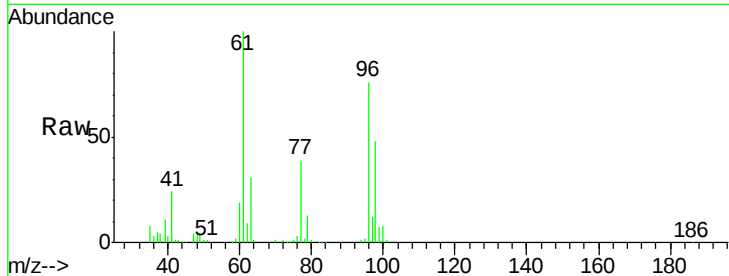


#27

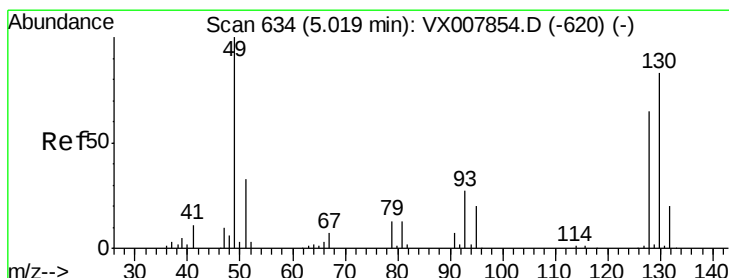
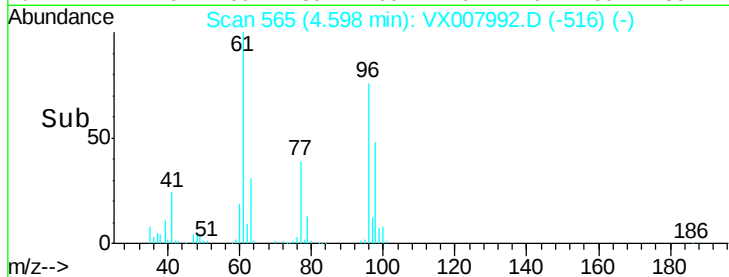
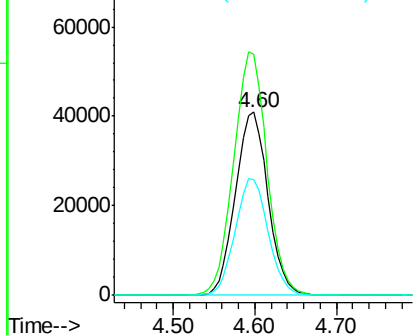
cis-1,2-Dichloroethene
 Concen: 50.789 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 113462
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 288.0
 98 64.7 0.0 129.0



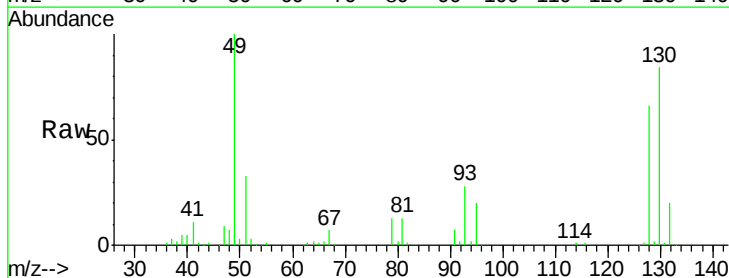
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



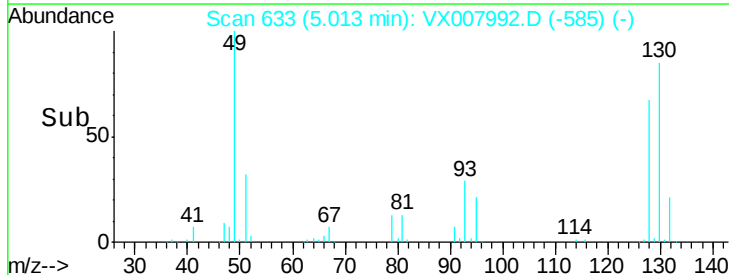
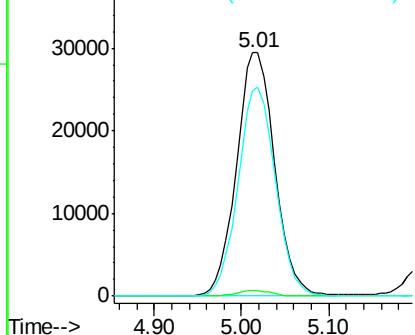
#28

Bromochloromethane
 Concen: 52.202 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 49 Resp: 89510
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 84.1 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.867 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

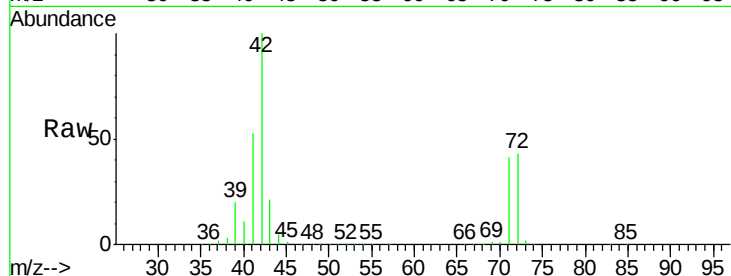
Tot Ion: 42 Resp: 297830

Ion Ratio Lower Upper

42 100

72 43.2 33.8 50.6

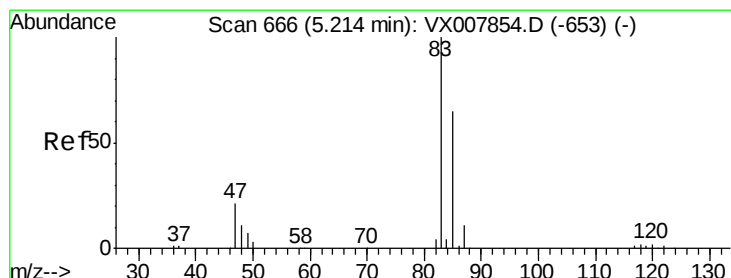
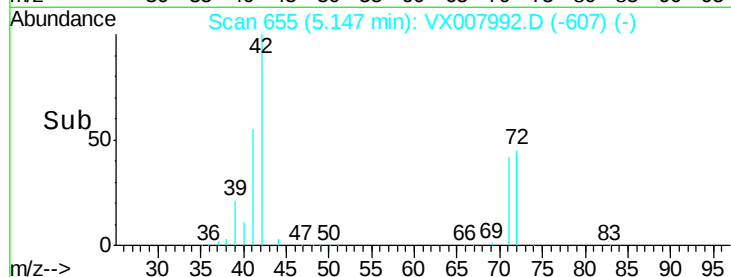
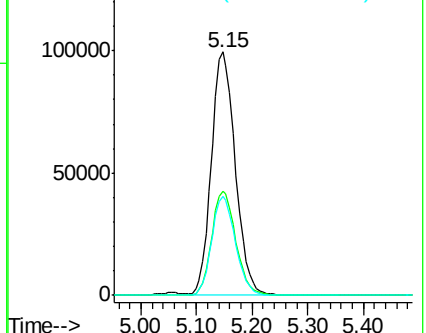
71 40.3 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.792 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007992.D

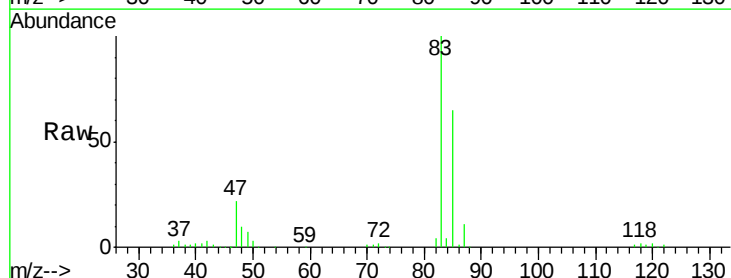
Acq: 12 Mar 2019 03:11

Tgt Ion: 83 Resp: 180189

Ion Ratio Lower Upper

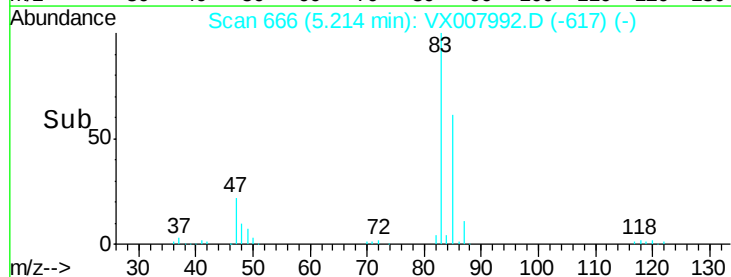
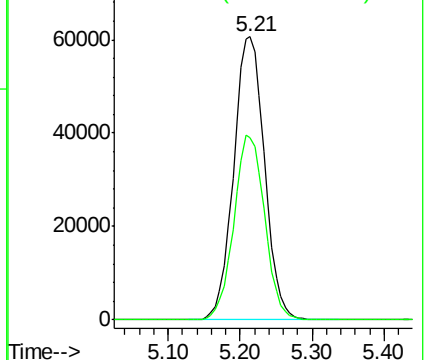
83 100

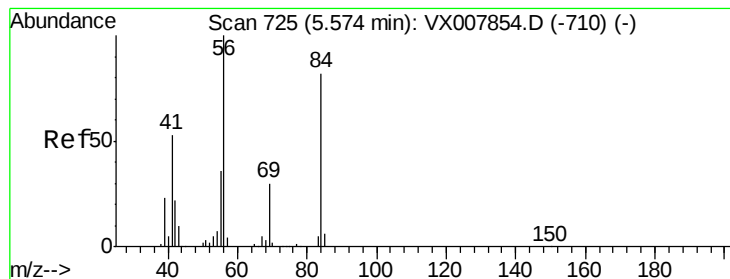
85 64.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.212 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

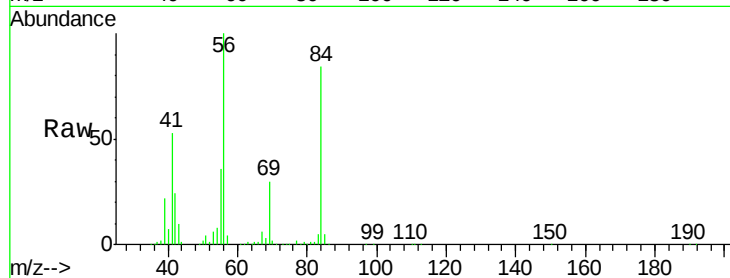
Tot Ion: 56 Resp: 152829

Ion Ratio Lower Upper

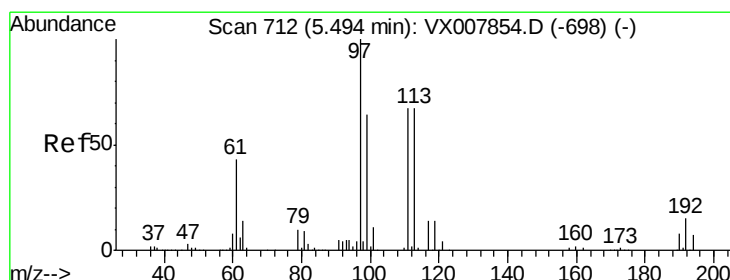
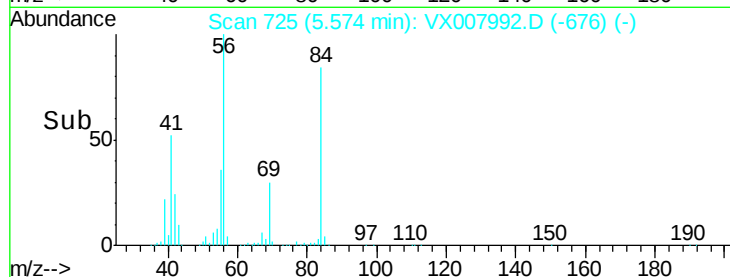
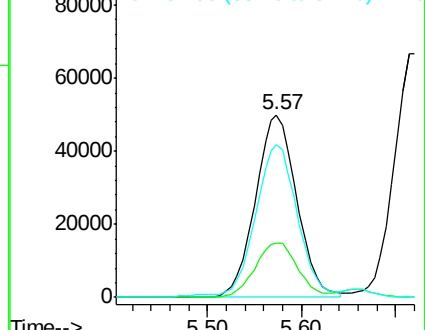
56 100

69 30.0 24.0 36.0

84 82.9 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.508 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

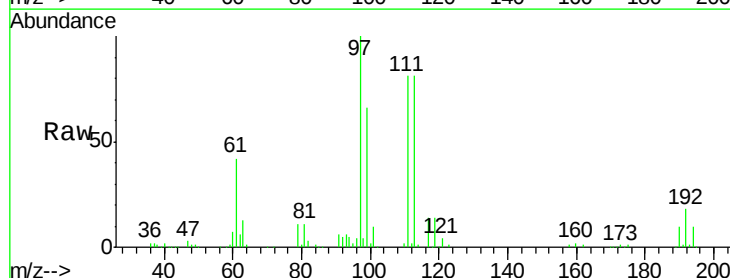
Tgt Ion: 97 Resp: 140024

Ion Ratio Lower Upper

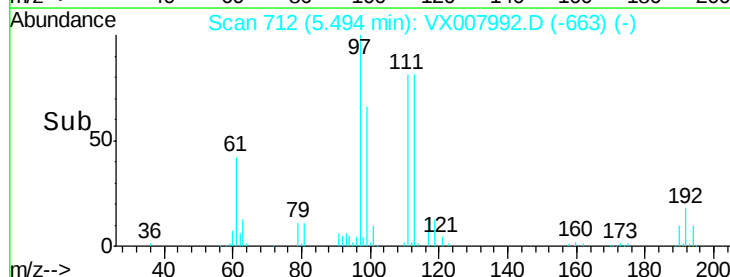
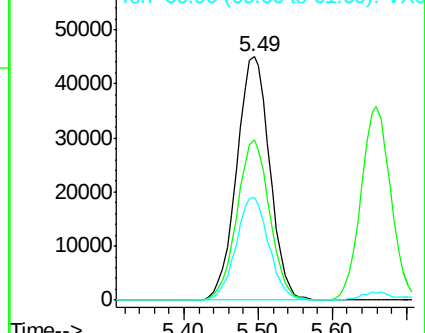
97 100

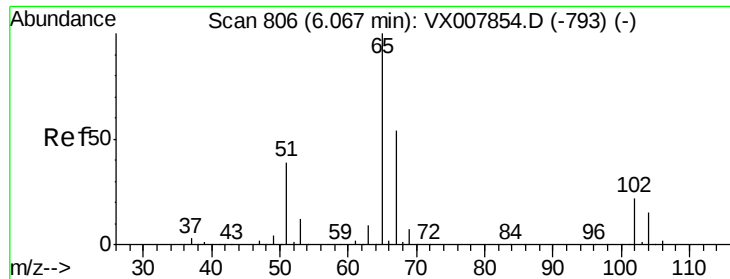
99 64.9 52.2 78.2

61 42.0 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

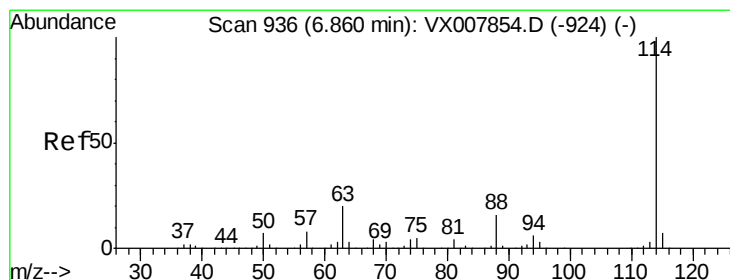
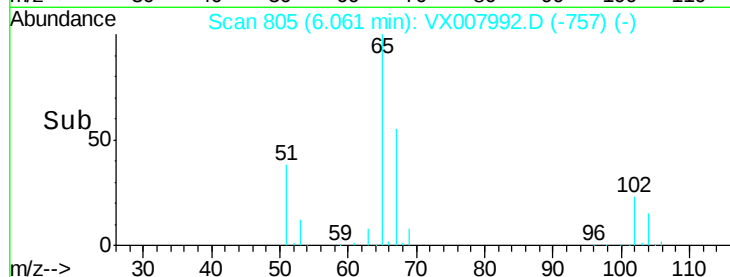
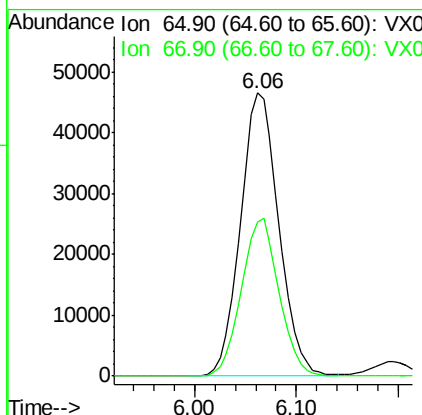
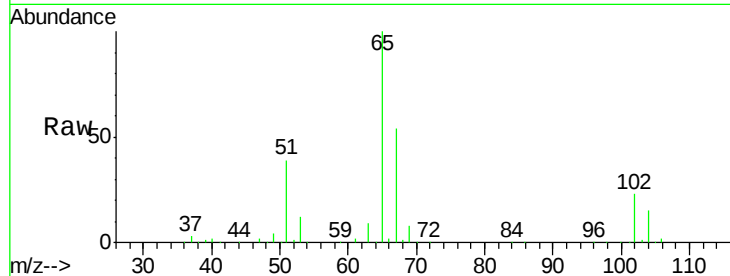




#33
 1,2-Dichloroethane-d4
 Concen: 55.087 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

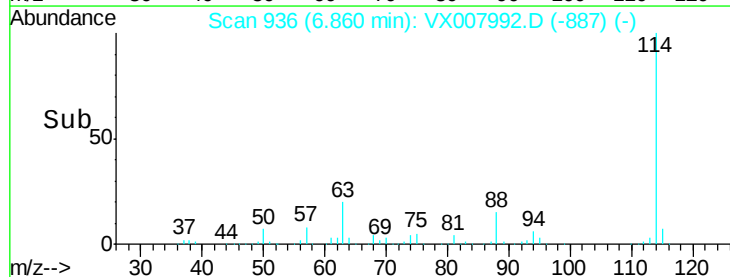
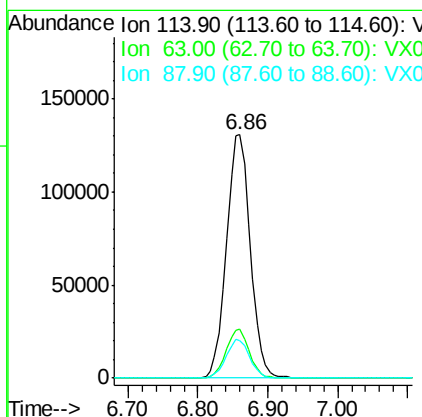
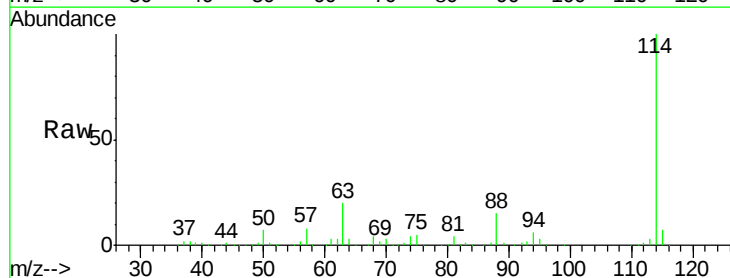
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

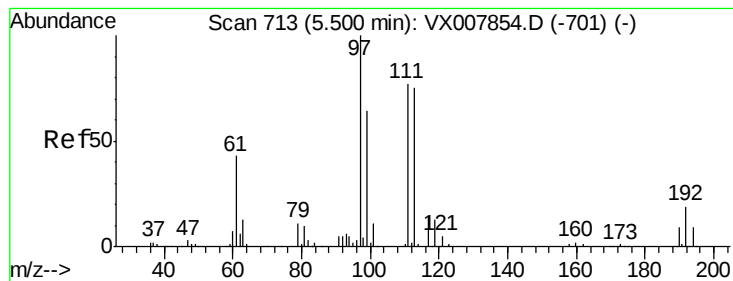
Tot Ion: 65 Resp: 121185
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 114 Resp: 309957
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.492 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

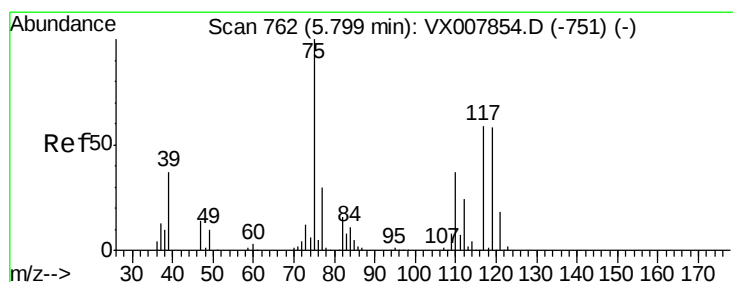
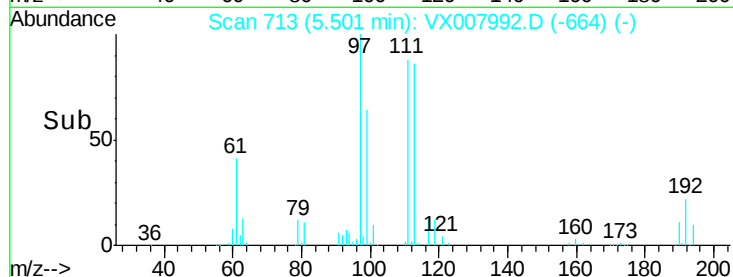
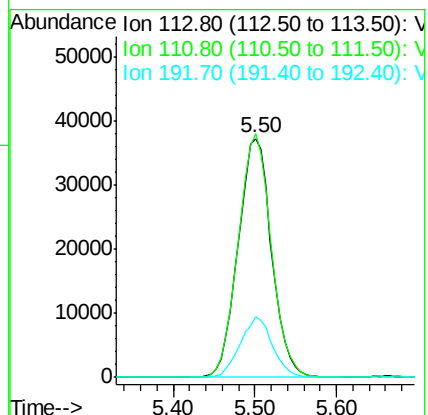
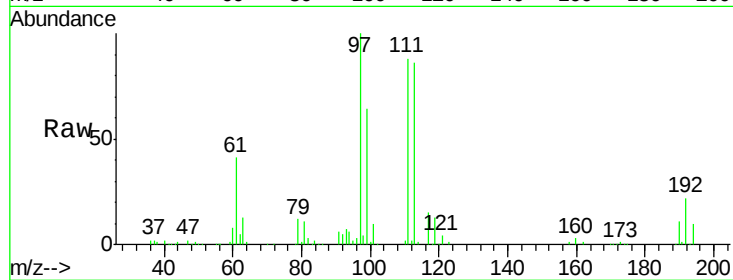
Tot Ion:113 Resp: 106058

Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 24.5 19.4 29.0



#36

1,1-Dichloropropene

Concen: 44.711 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

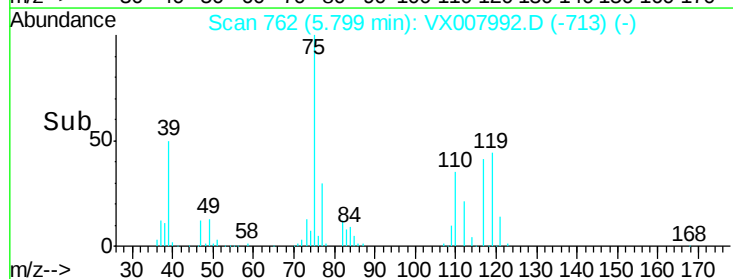
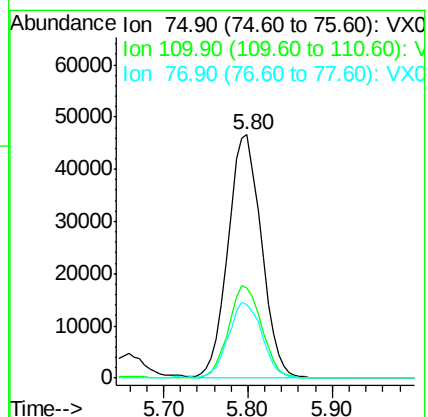
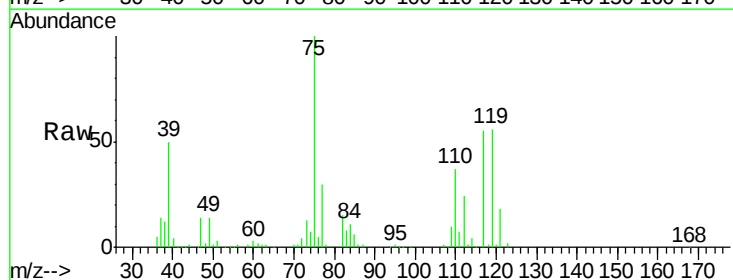
Tgt Ion: 75 Resp: 125486

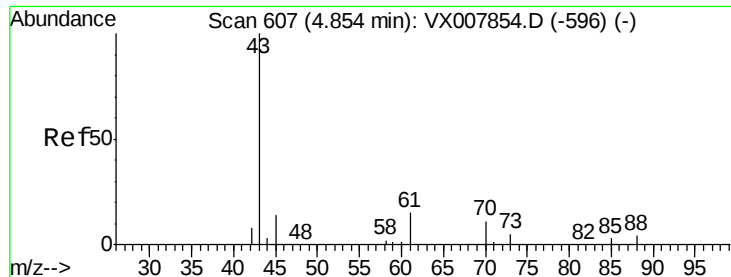
Ion Ratio Lower Upper

75 100

110 37.7 18.4 55.0

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 50.746 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

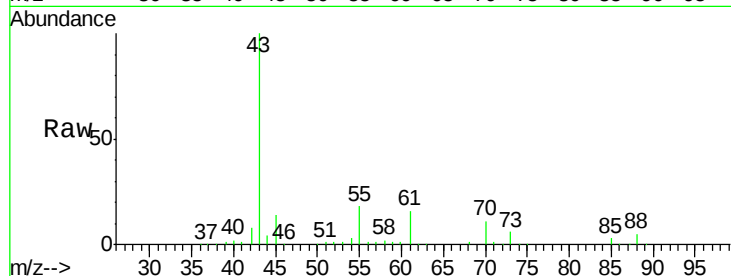
Tot Ion: 43 Resp: 169014

Ion Ratio Lower Upper

43 100

61 14.8 11.3 16.9

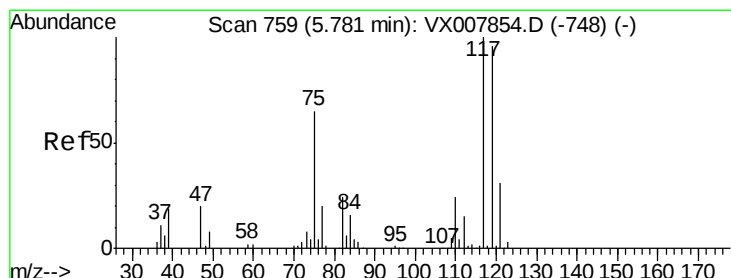
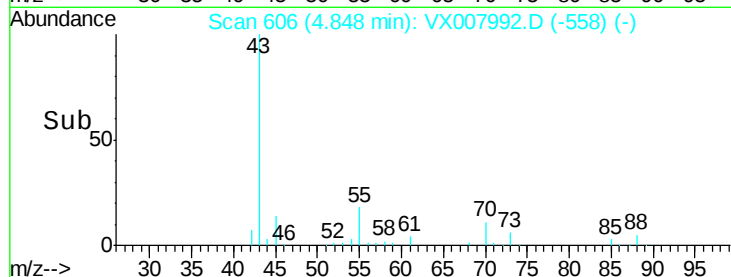
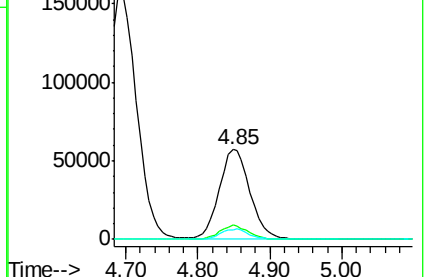
70 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX007854.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX007854.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 45.740 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

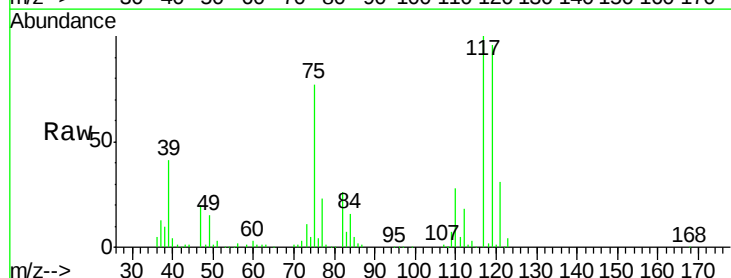
Tgt Ion: 117 Resp: 121874

Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.2

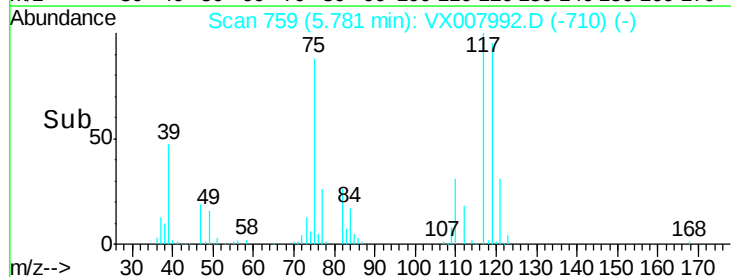
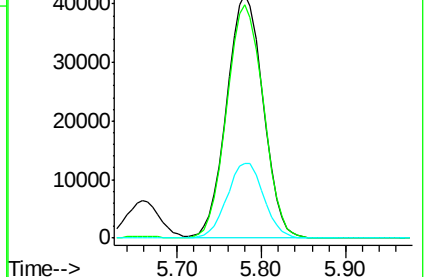
121 30.7 24.6 36.8

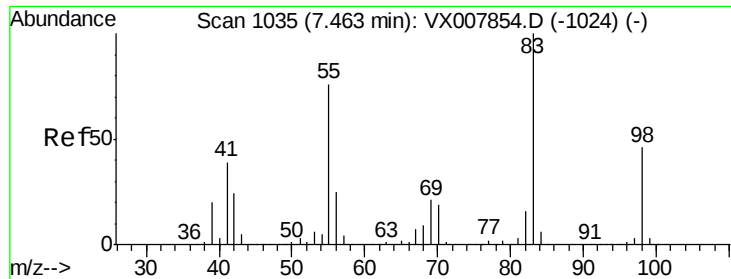


Abundance Ion 116.80 (116.50 to 117.50): VX007854.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX007854.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX007854.D (-748) (-)

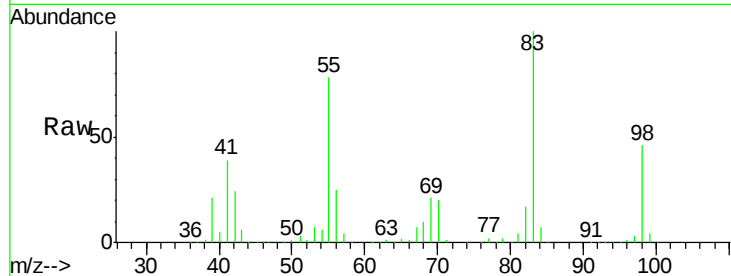




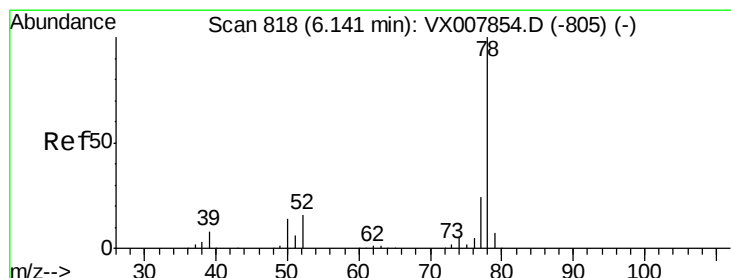
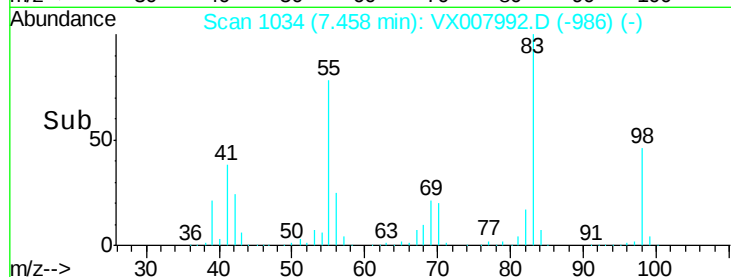
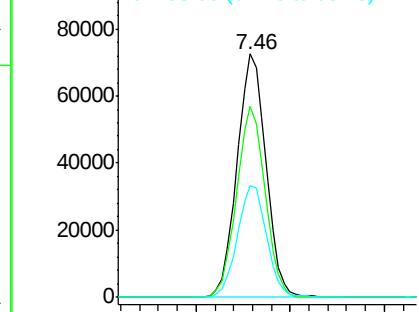
#39
Methvlcvclohexane
Concen: 45.625 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 155163
Ion Ratio Lower Upper
83 100
55 78.5 60.4 90.6
98 46.0 36.5 54.7

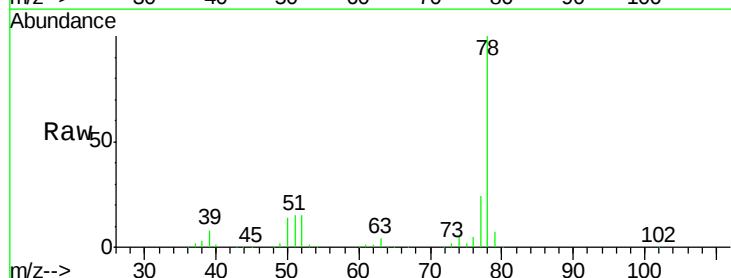


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

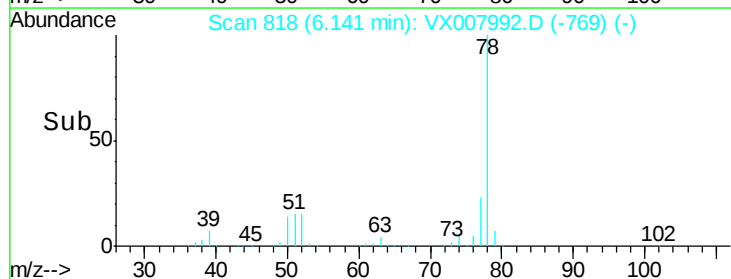
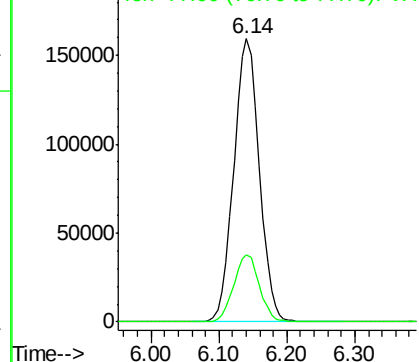


#40
Benzene
Concen: 49.689 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 78 Resp: 415175
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.766 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 95814

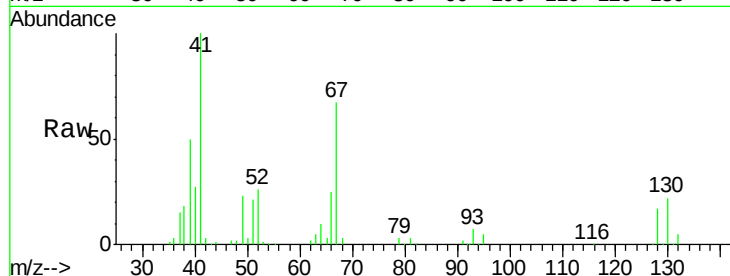
Ion Ratio Lower Upper

41 100

39 51.9 41.6 62.4

67 70.9 55.8 83.6

52 27.3 21.7 32.5

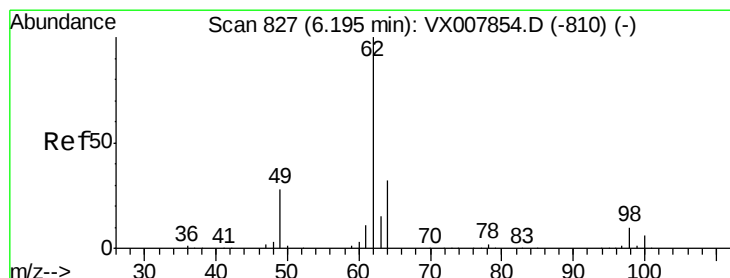
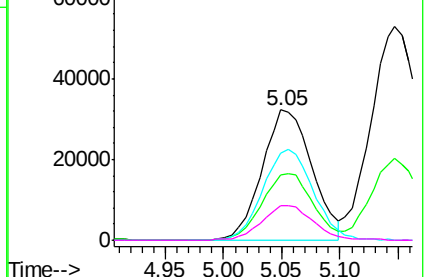
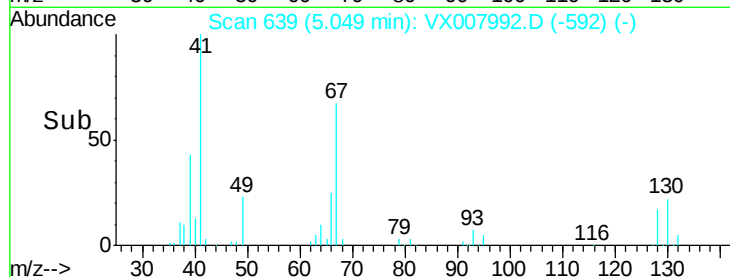


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.788 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007992.D

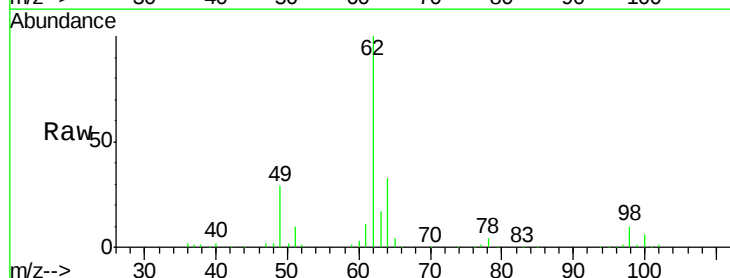
Acq: 12 Mar 2019 03:11

Tgt Ion: 62 Resp: 141510

Ion Ratio Lower Upper

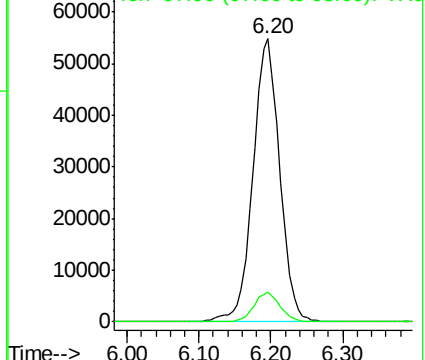
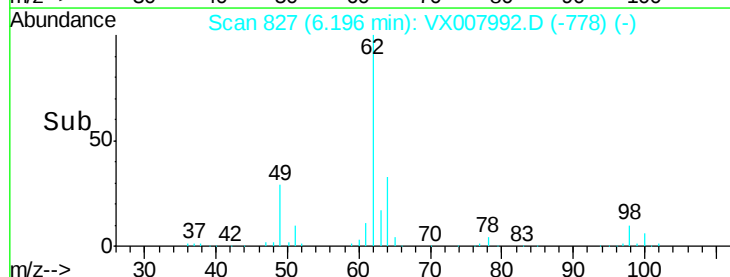
62 100

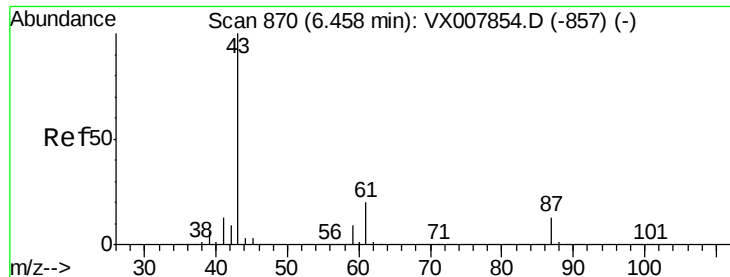
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



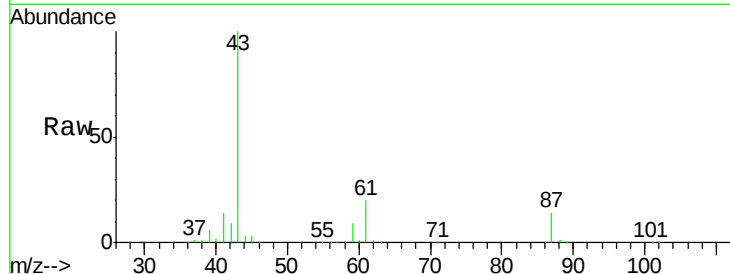


#43

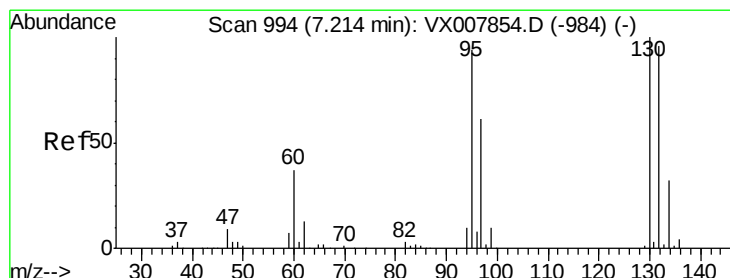
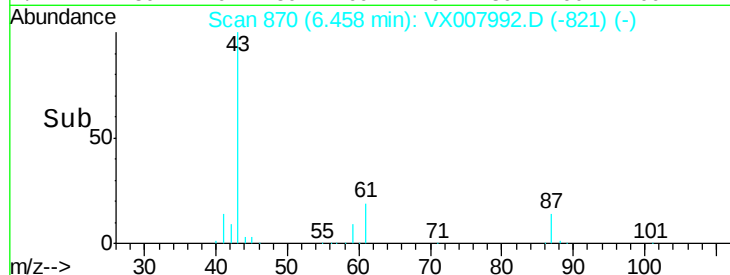
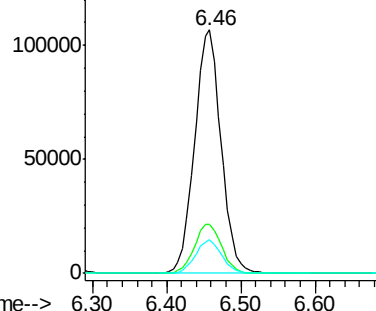
Isopropyl Acetate
 Concen: 53.514 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 263779
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.3 24.5
 87 13.6 10.5 15.7



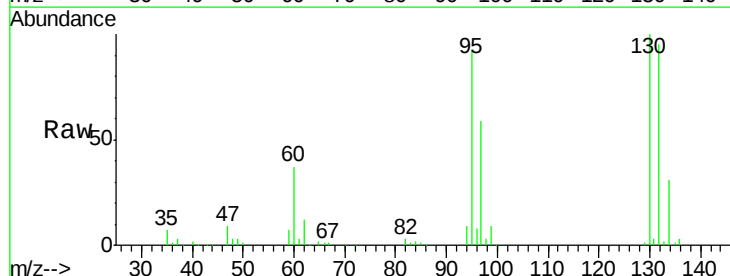
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



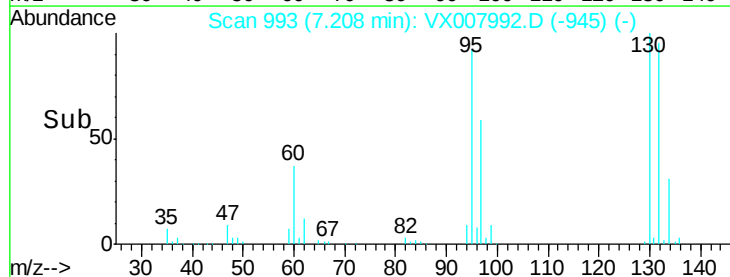
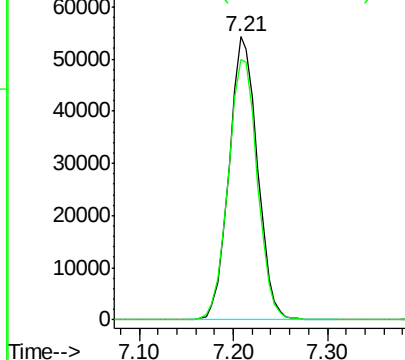
#44

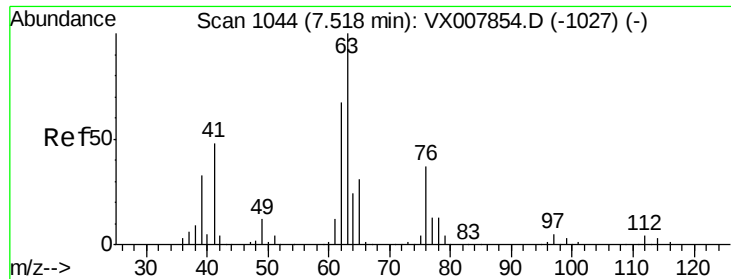
Trichloroethene
 Concen: 49.426 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 130 Resp: 113807
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

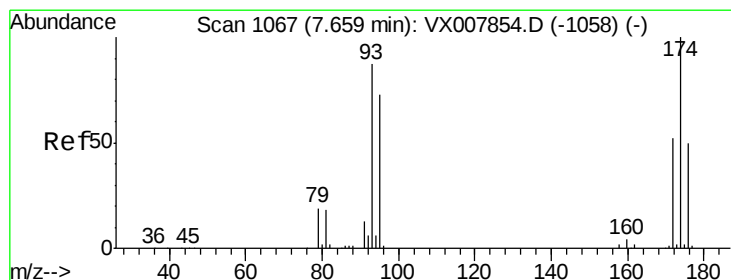
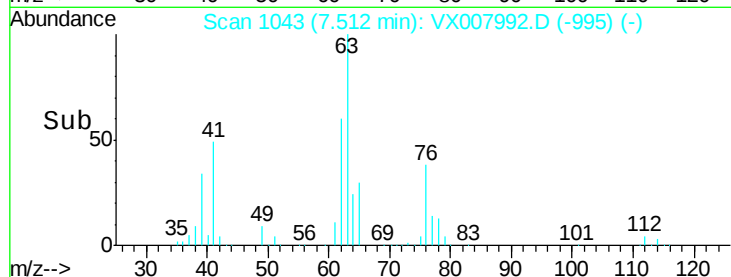
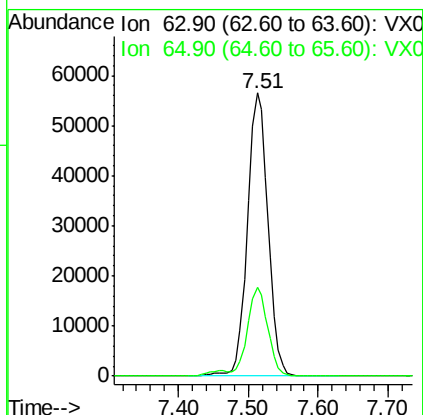
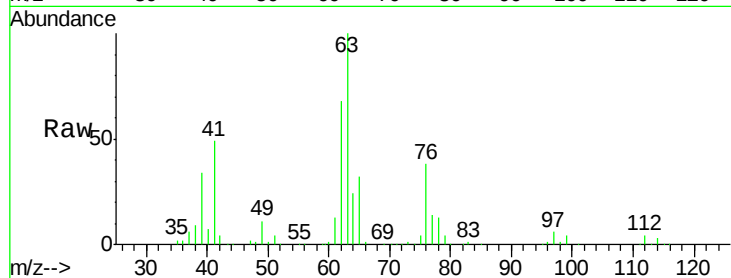




#45
 1,2-Dichloropropane
 Concen: 52.280 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

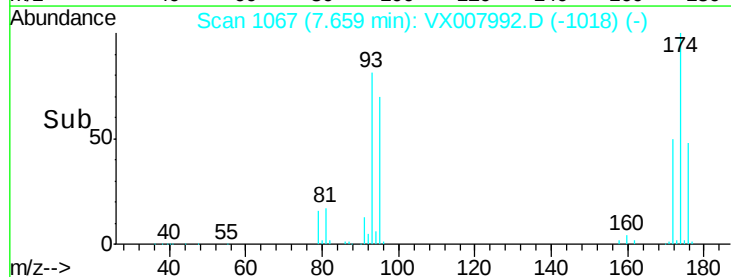
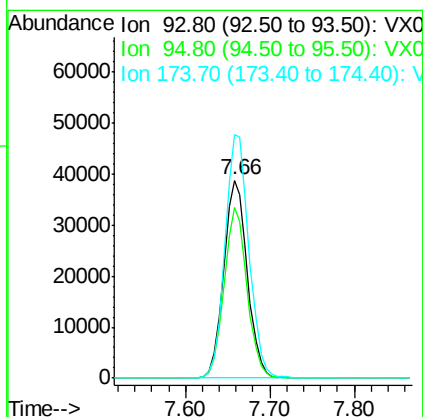
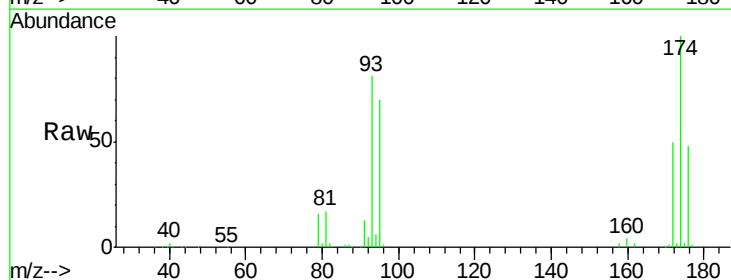
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

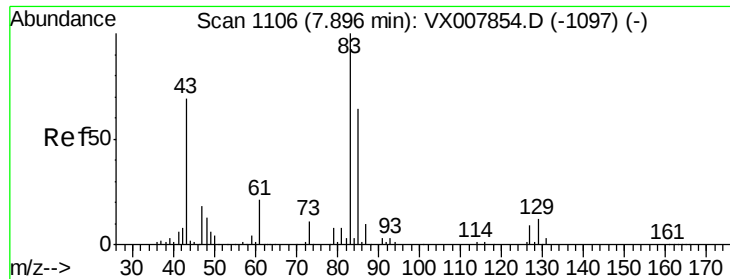
Tot Ion: 63 Resp: 115373
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 53.255 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 93 Resp: 74375
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 124.4 97.3 145.9





#47

Bromodichloromethane

Concen: 52.395 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

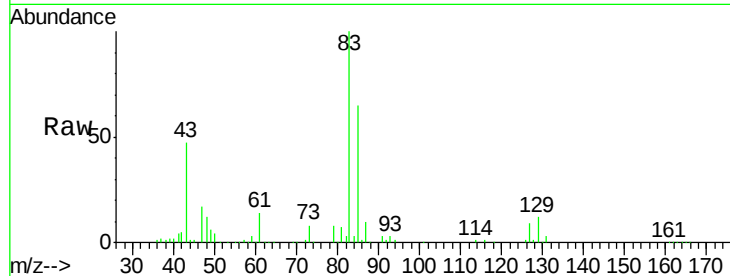
Tot Ion: 83 Resp: 138734

Ion Ratio Lower Upper

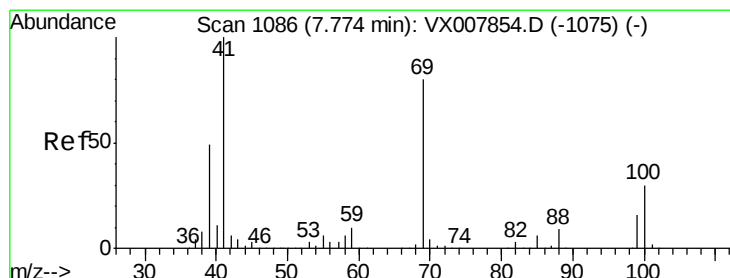
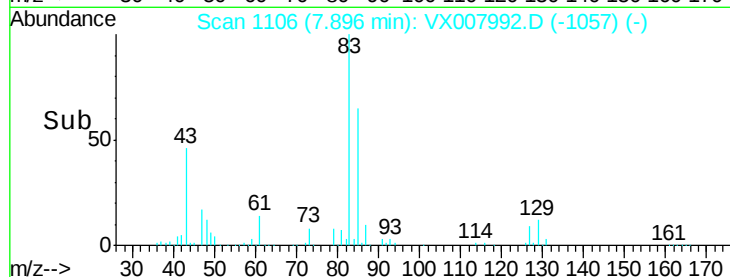
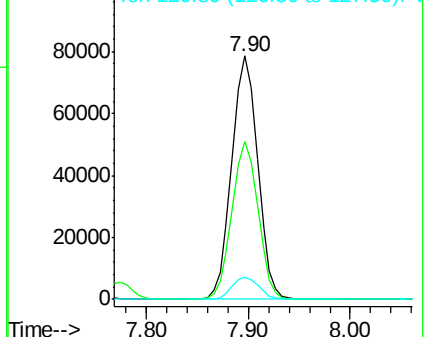
83 100

85 65.0 50.9 76.3

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.742 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

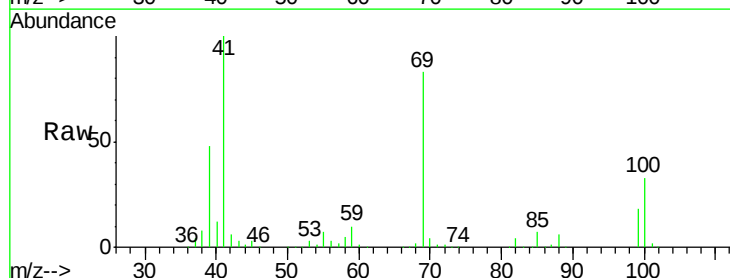
Tgt Ion: 41 Resp: 139275

Ion Ratio Lower Upper

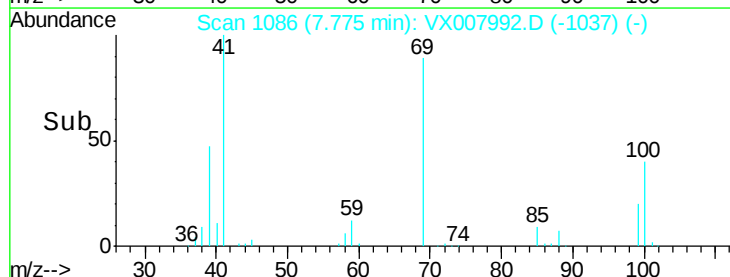
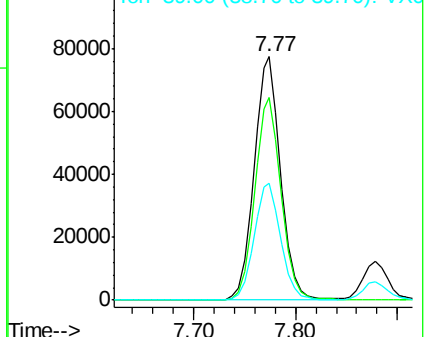
41 100

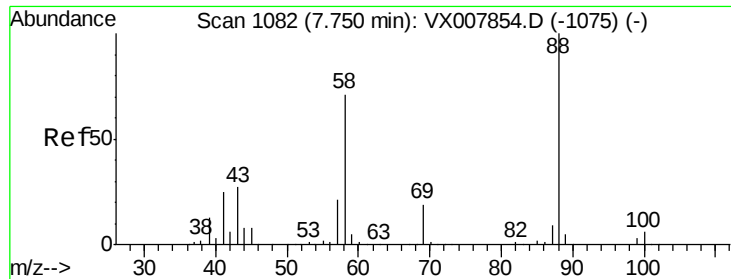
69 83.5 65.2 97.8

39 48.6 39.4 59.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1084.476 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

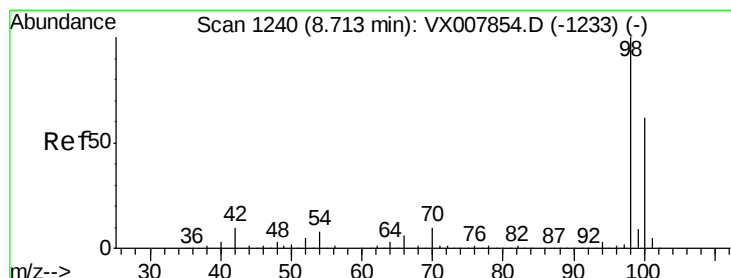
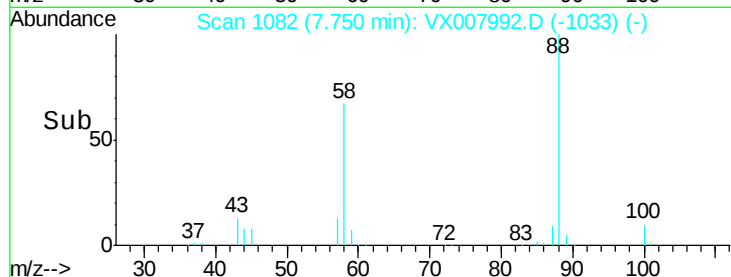
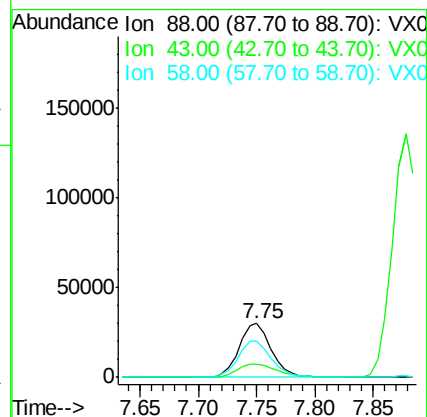
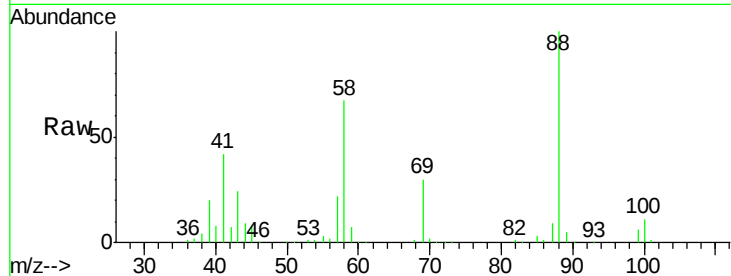
Tot Ion: 88 Resp: 57733

Ion Ratio Lower Upper

88 100

43 30.8 25.1 37.7

58 70.8 57.8 86.6



#50

Toluene-d8

Concen: 52.964 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007992.D

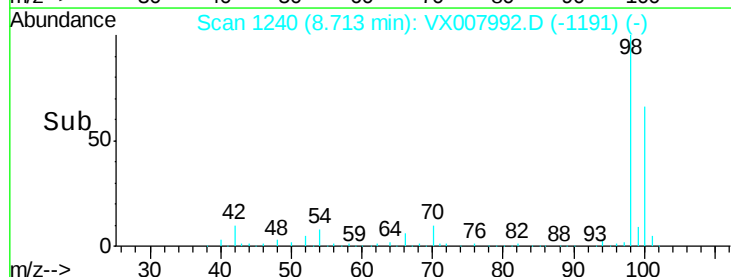
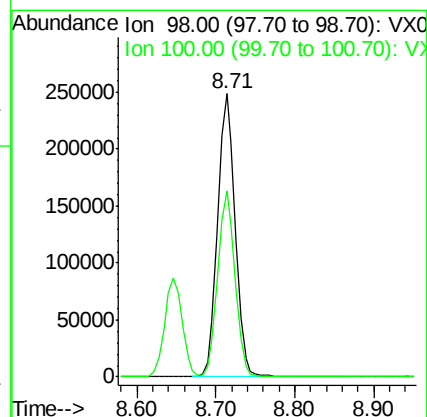
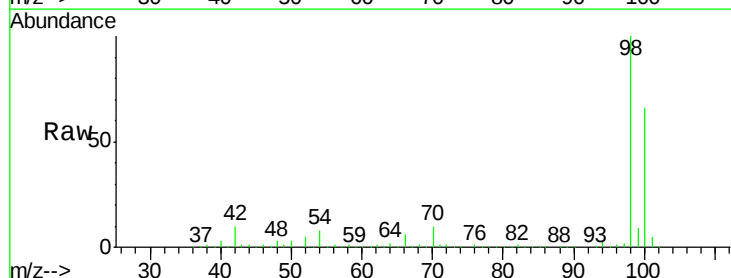
Acq: 12 Mar 2019 03:11

Tgt Ion: 98 Resp: 385661

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 266.945 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

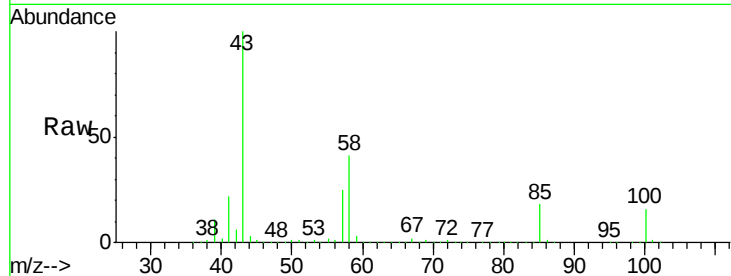
VSTDCCC050

Tot Ion: 43 Resp: 846200

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

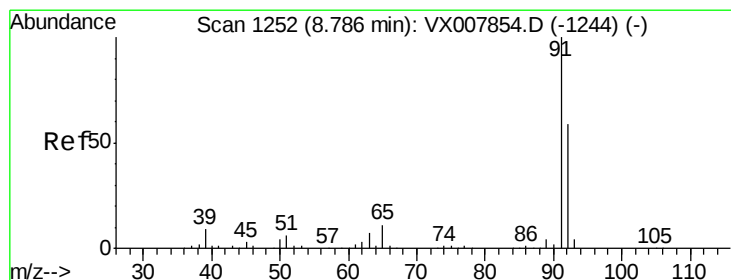
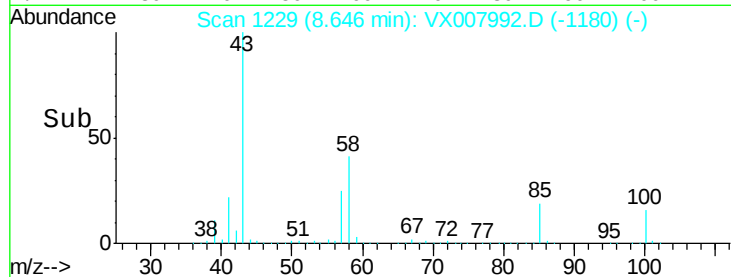
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.112 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007992.D

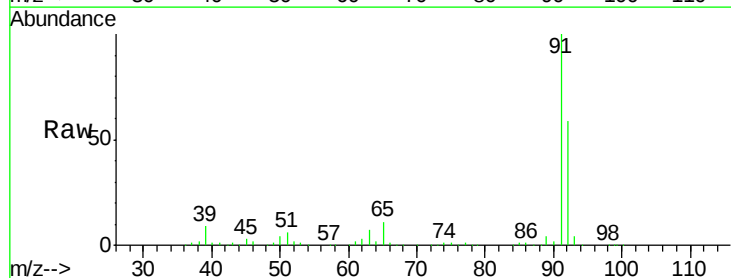
Acq: 12 Mar 2019 03:11

Tgt Ion: 92 Resp: 260729

Ion Ratio Lower Upper

92 100

91 172.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

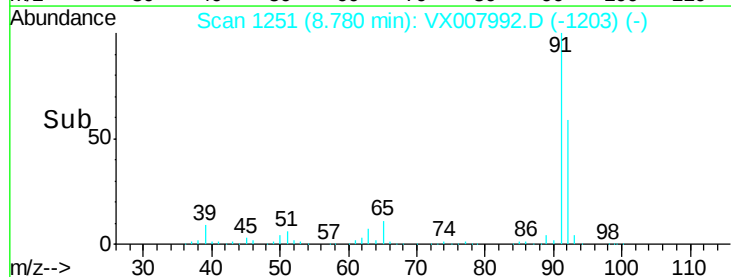
300000

200000

100000

0

Time-->

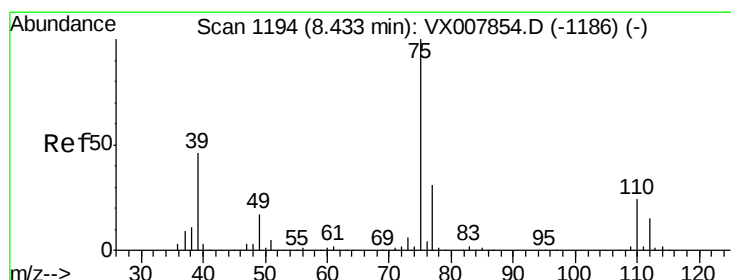
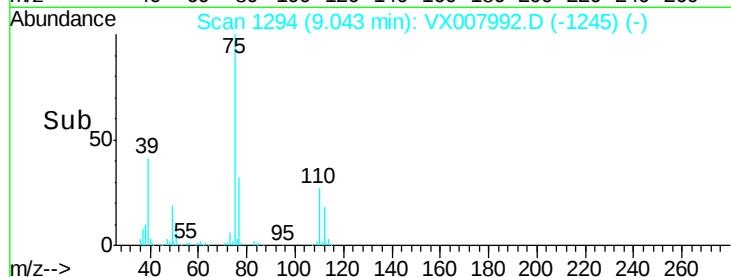
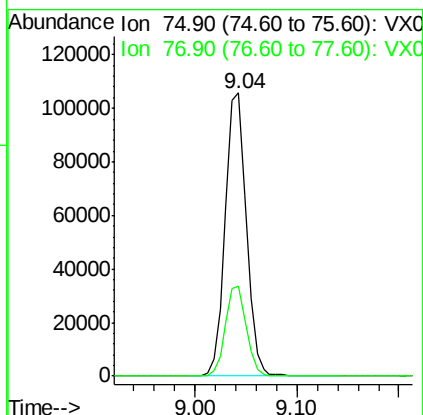
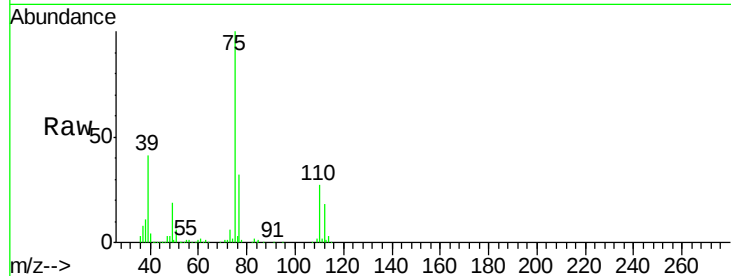




#53
t-1,3-Dichloropropene
Concen: 54.875 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

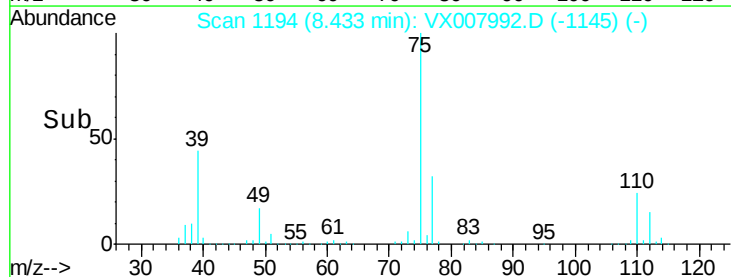
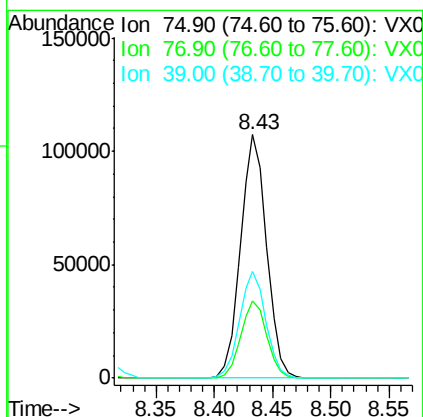
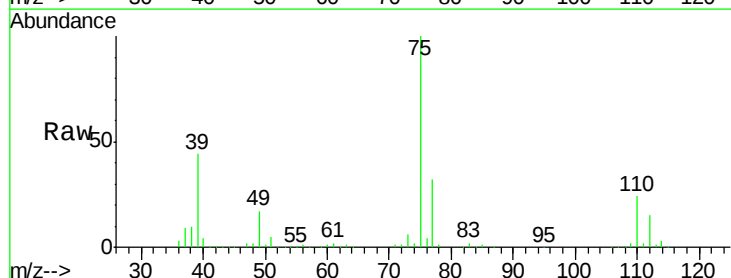
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

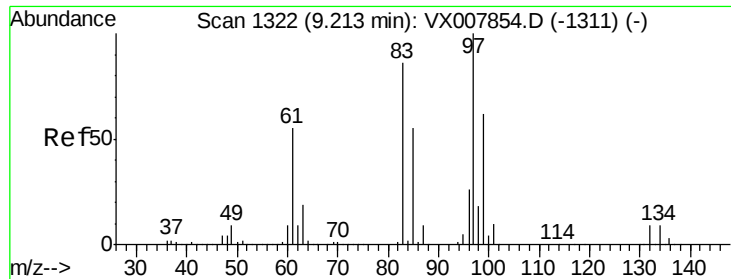
Tot Ion: 75 Resp: 151656
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.608 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 75 Resp: 167305
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 43.7 36.6 54.8



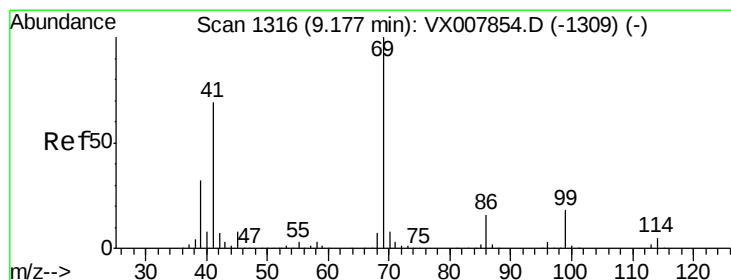
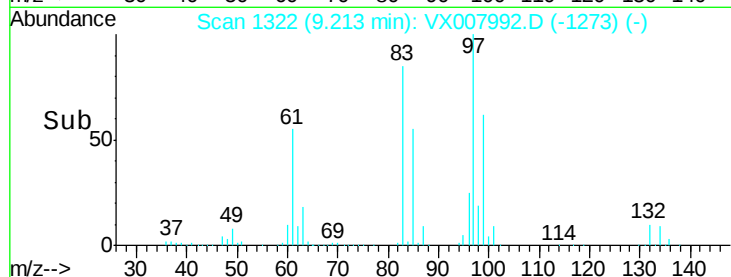
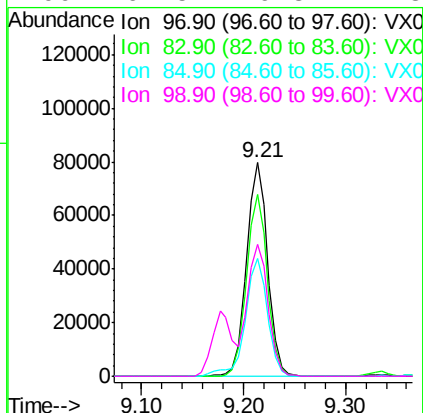
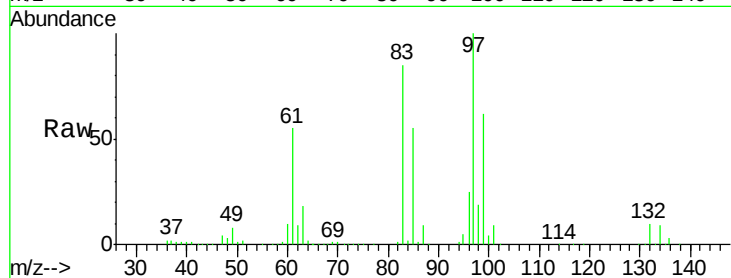


#55
 1,1,2-Trichloroethane
 Concen: 55.626 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 114867

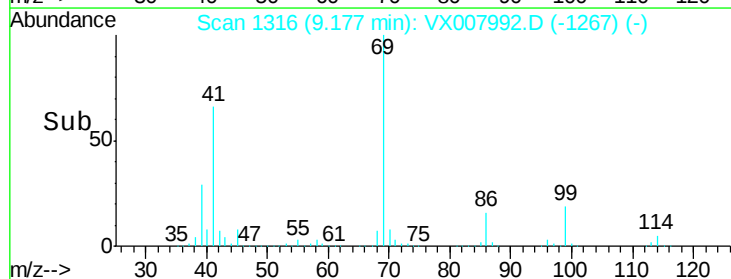
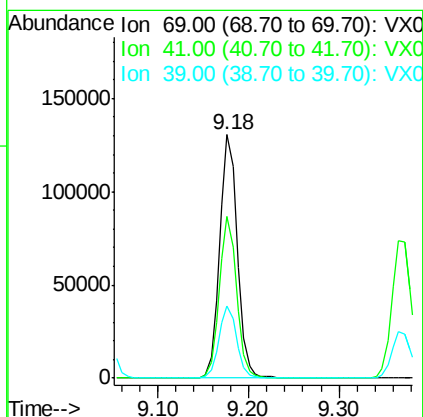
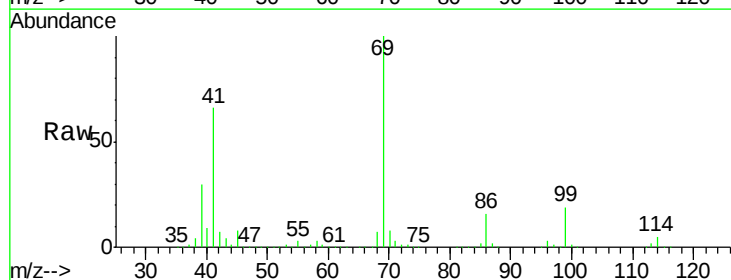
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.1	103.7
85	55.1	44.3	66.5
99	61.5	49.8	74.8

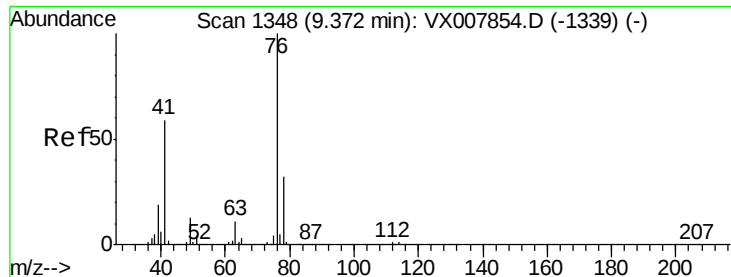


#56
 Ethyl methacrylate
 Concen: 57.373 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 69 Resp: 177886

Ion	Ratio	Lower	Upper
69	100		
41	65.1	54.2	81.4
39	29.8	25.0	37.4





#57

1,3-Dichloropropane

Concen: 54.538 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

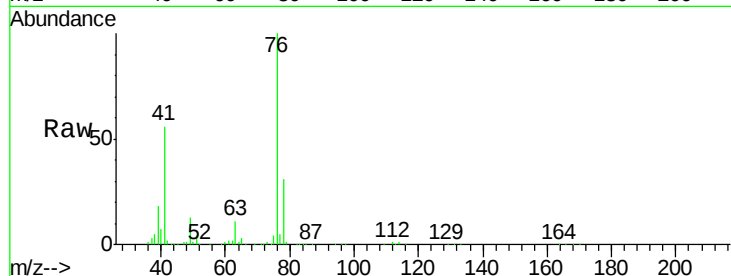
VSTDCCC050

Tot Ion: 76 Resp: 189100

Ion Ratio Lower Upper

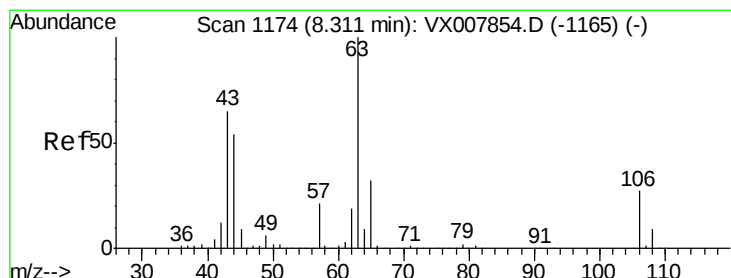
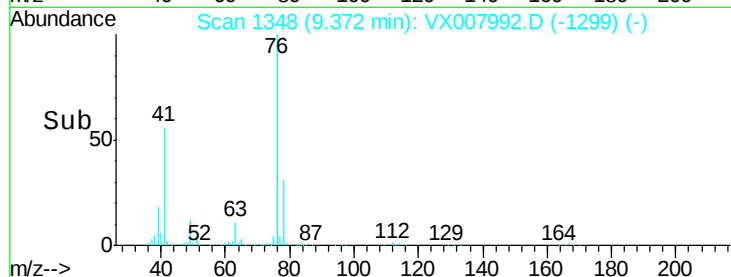
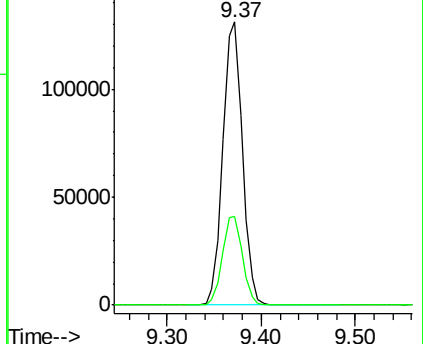
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 287.568 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007992.D

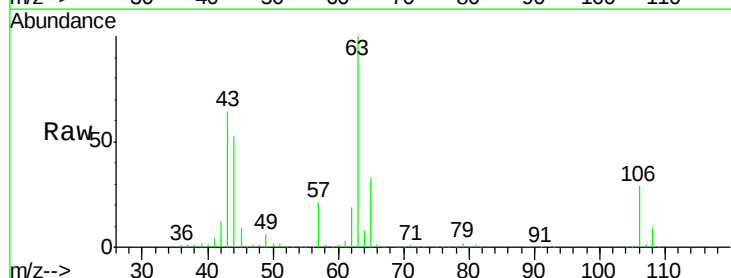
Acq: 12 Mar 2019 03:11

Tgt Ion: 63 Resp: 461208

Ion Ratio Lower Upper

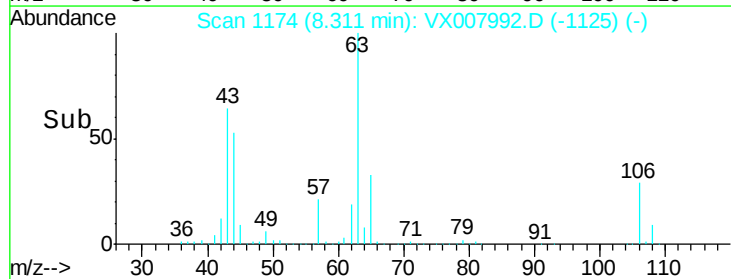
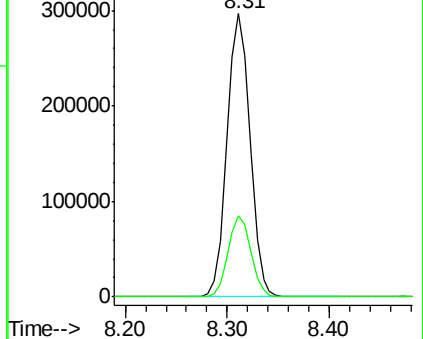
63 100

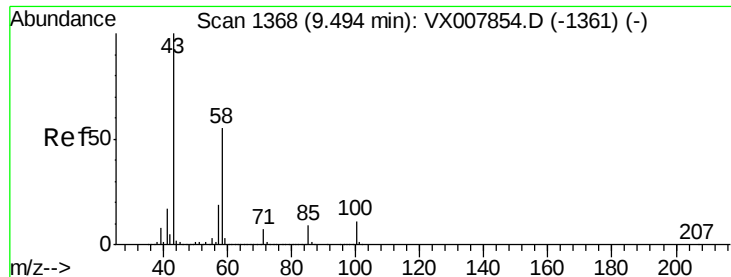
106 28.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

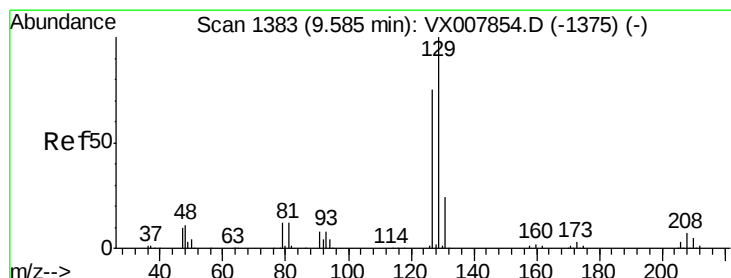
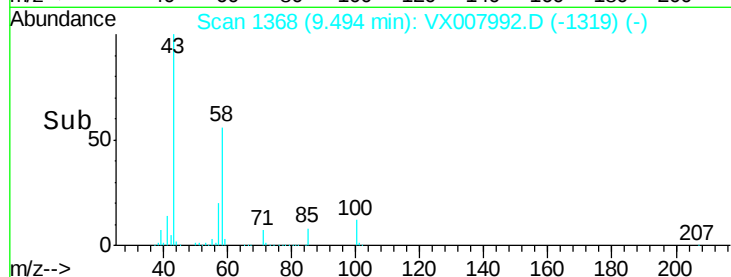
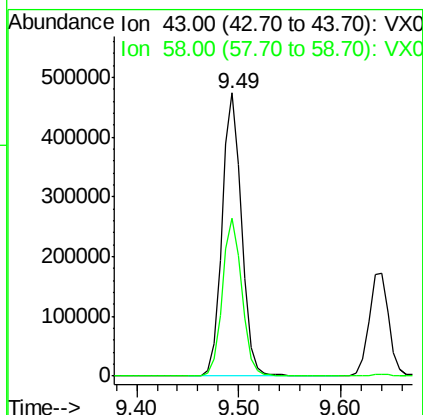
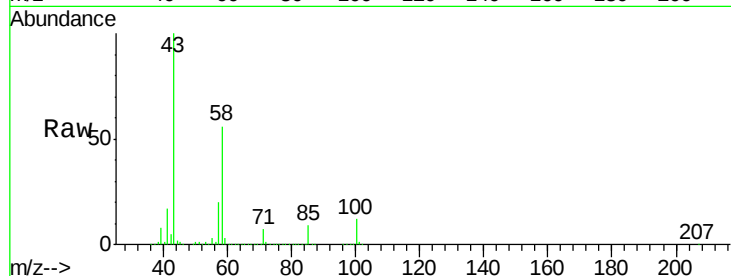




#59
2-Hexanone
Concen: 255.712 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

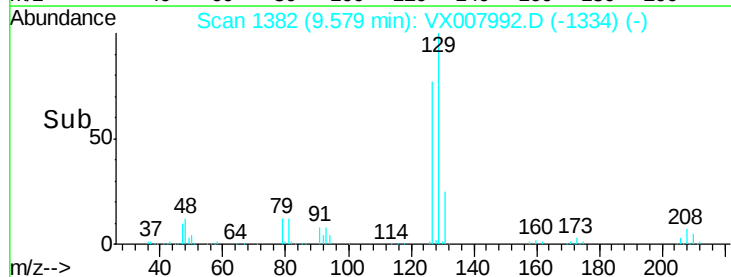
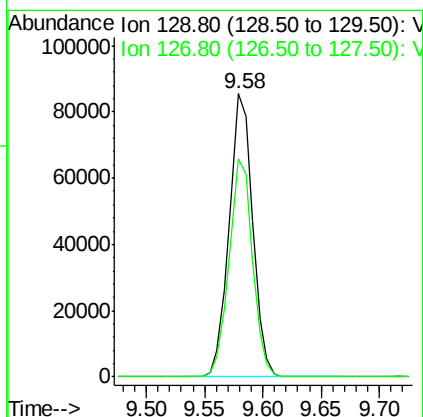
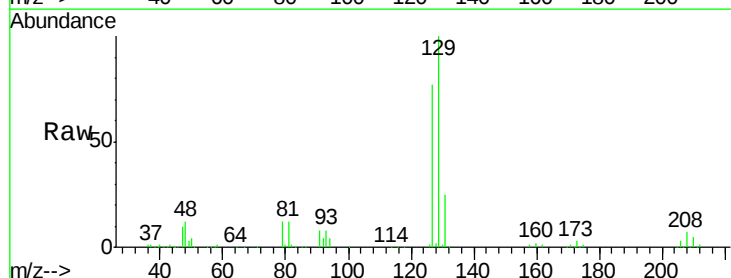
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

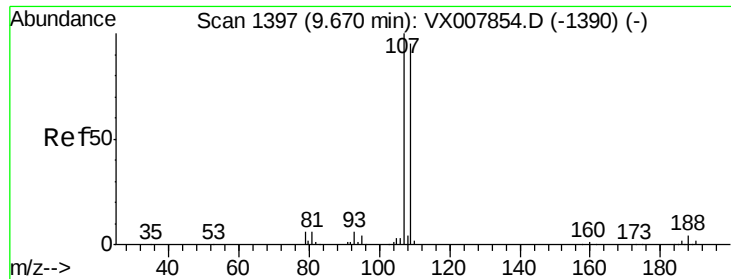
Tot Ion: 43 Resp: 629326
Ion Ratio Lower Upper
43 100
58 56.0 27.6 82.7



#60
Dibromochloromethane
Concen: 55.791 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 129 Resp: 120421
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 55.716 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

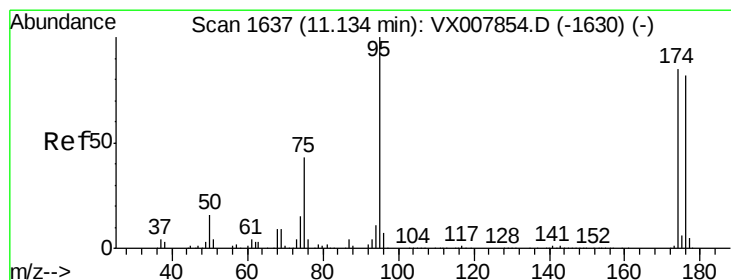
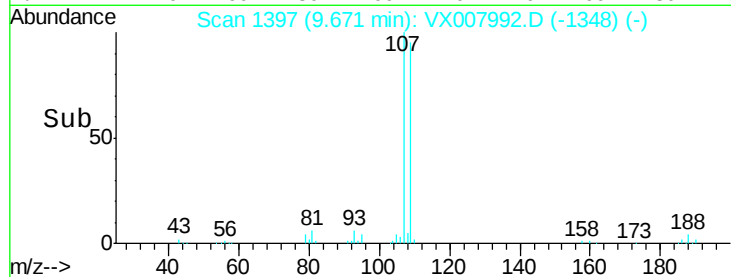
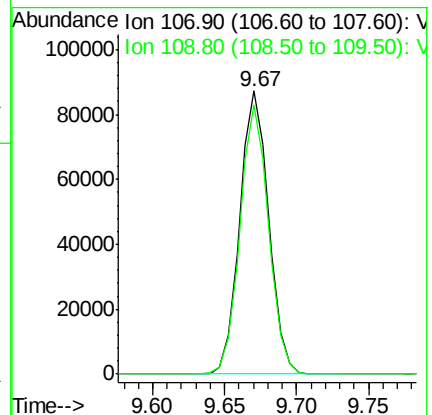
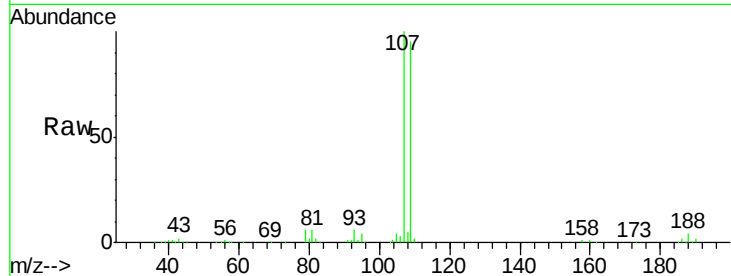
VSTDCCC050

Tot Ion:107 Resp: 122155

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 56.406 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

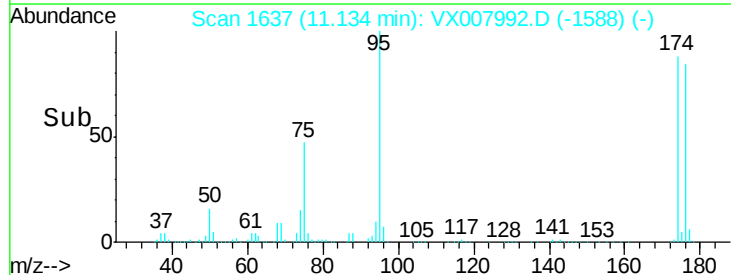
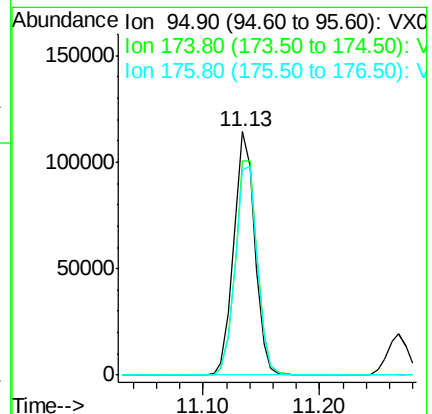
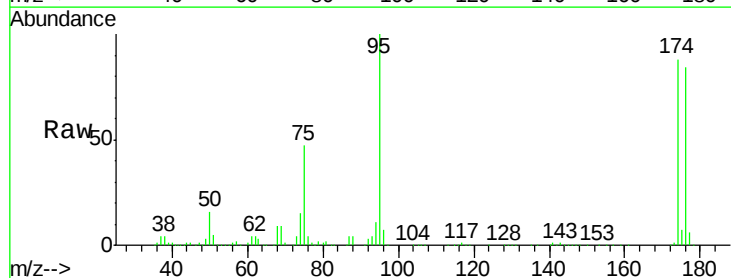
Tgt Ion: 95 Resp: 144001

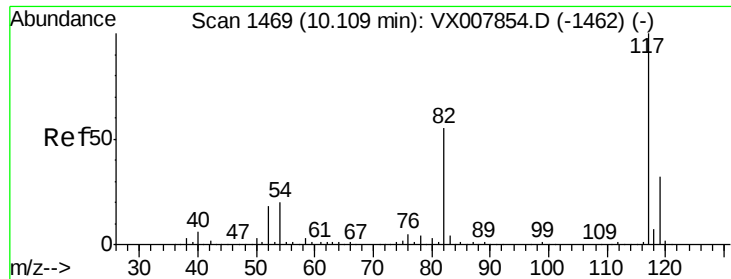
Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

176 90.2 0.0 178.0

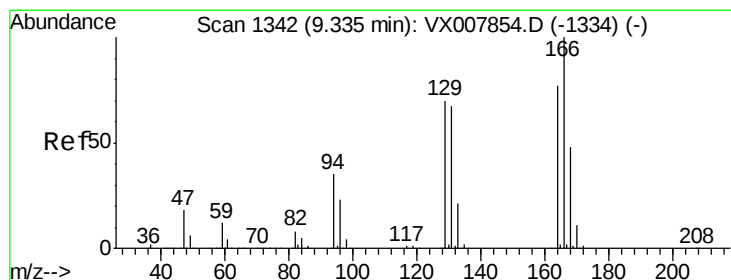
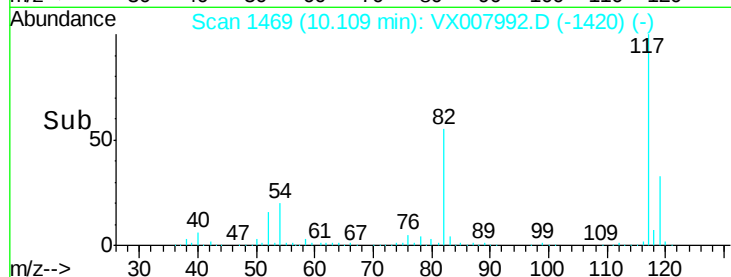
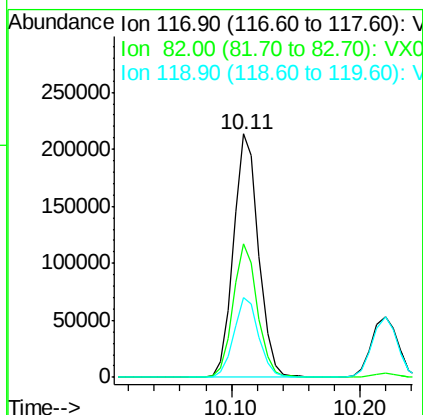
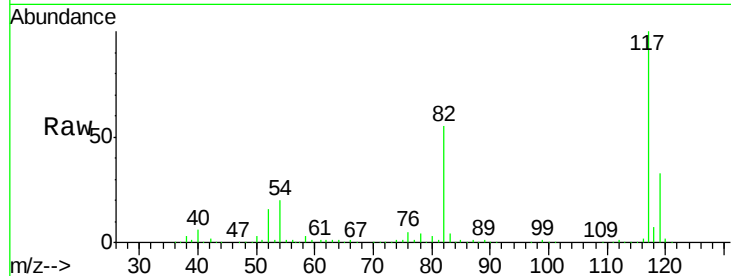




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

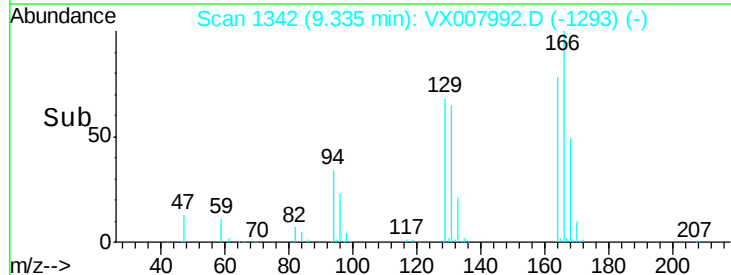
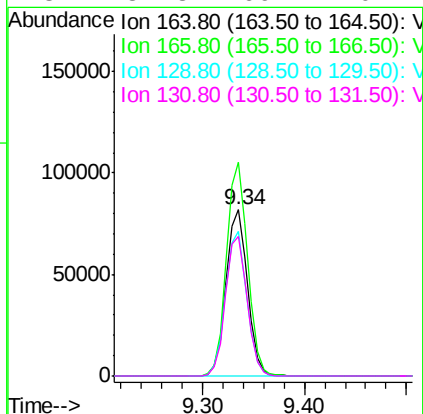
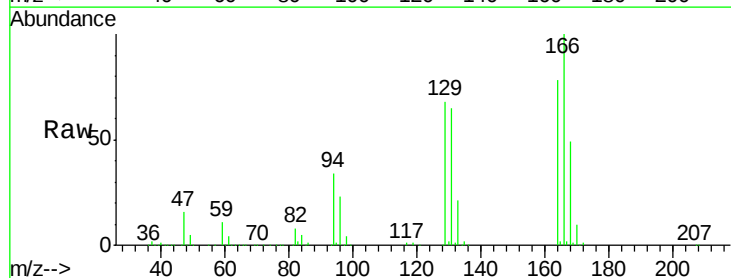
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

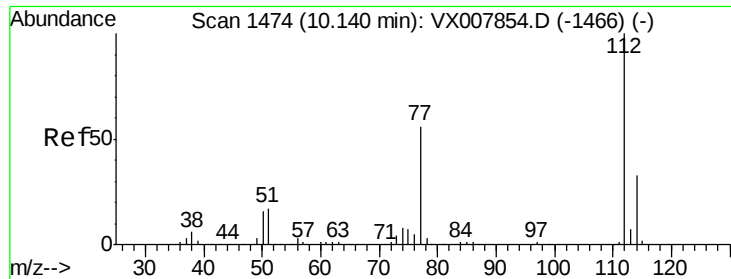
Tot Ion:117 Resp: 289662
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 49.233 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion:164 Resp: 118180
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.0
129 87.5 72.2 108.4
131 84.3 69.4 104.2





#65

Chlorobenzene

Concen: 49.251 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

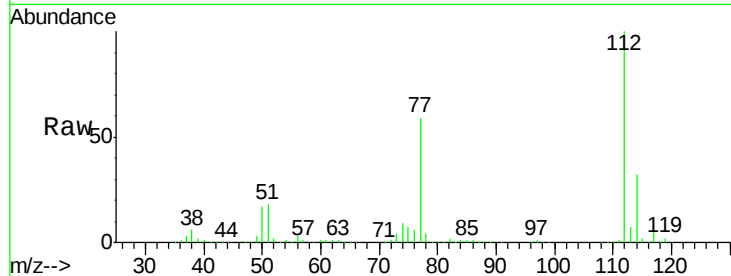
VSTDCCC050

Tot Ion:112 Resp: 298530

Ion Ratio Lower Upper

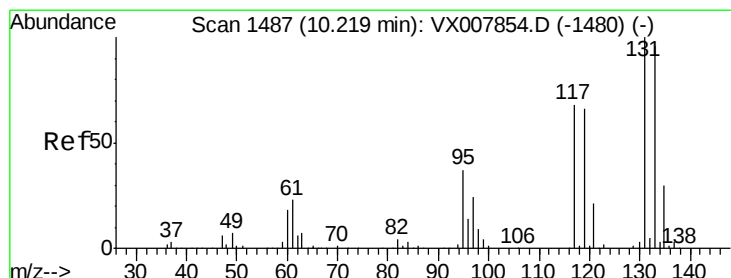
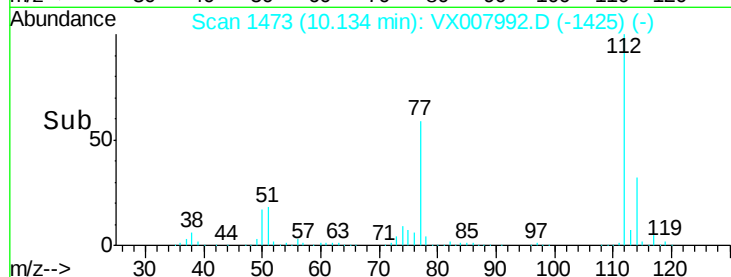
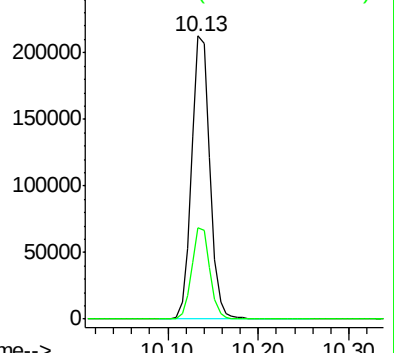
112 100

114 32.2 26.0 39.0



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: 51.206 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

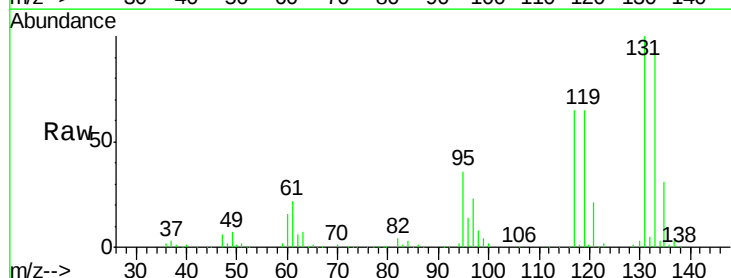
Tgt Ion:131 Resp: 111241

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

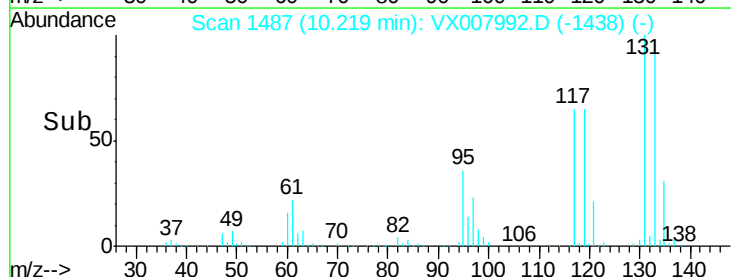
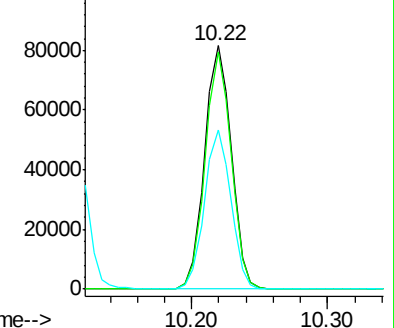
119 64.8 32.5 97.5

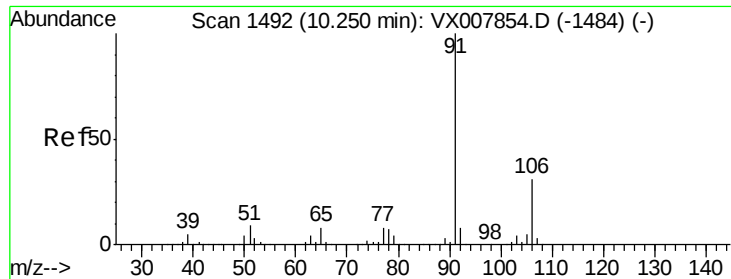


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

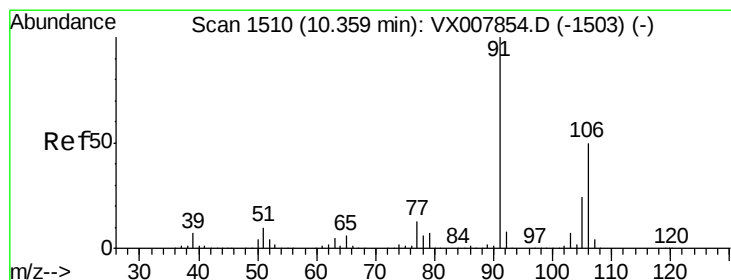
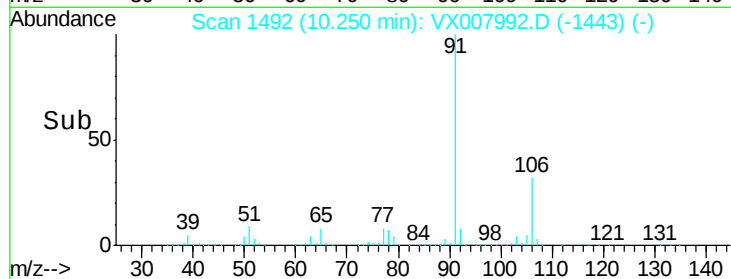
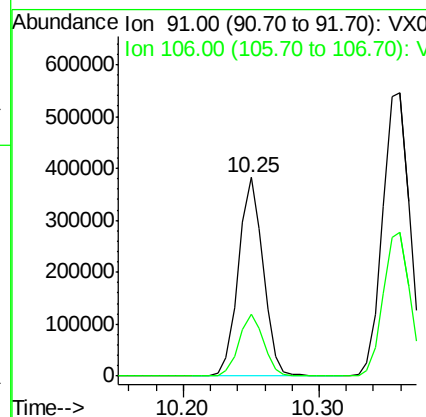
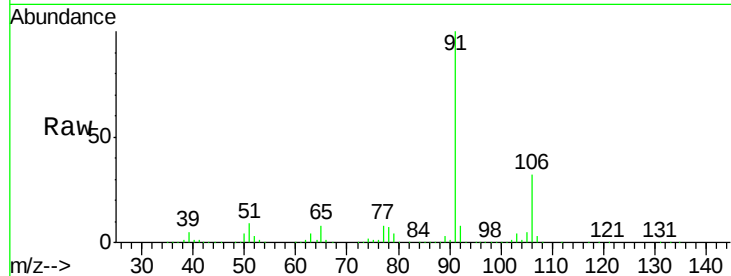




#67
Ethyl Benzene
Concen: 48.598 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

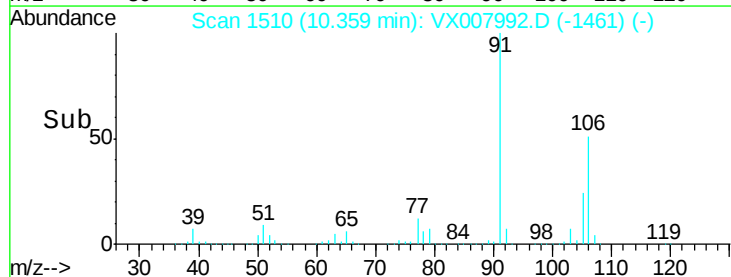
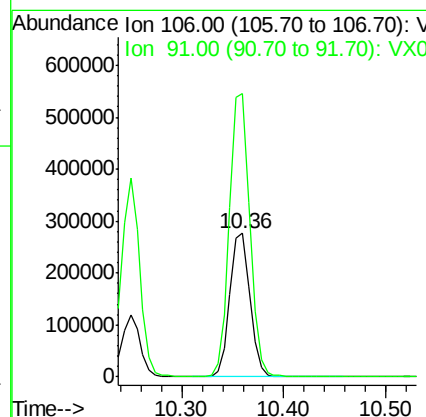
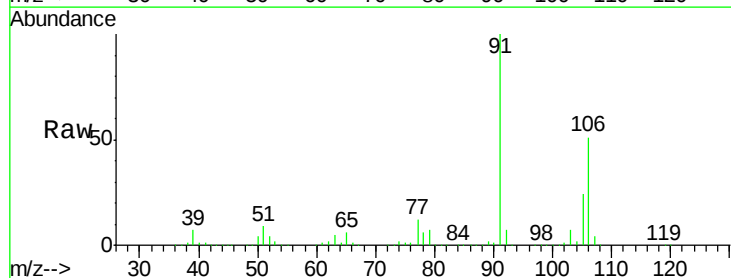
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

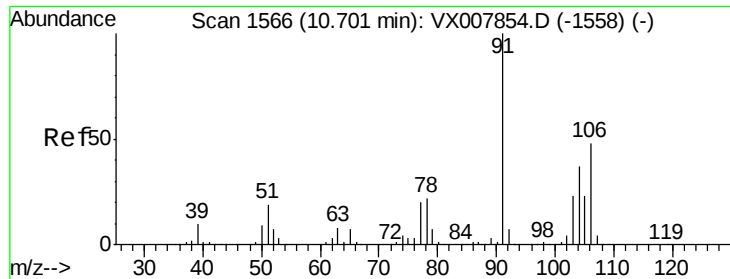
Tot Ion: 91 Resp: 484891
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 98.650 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 106 Resp: 379399
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.6

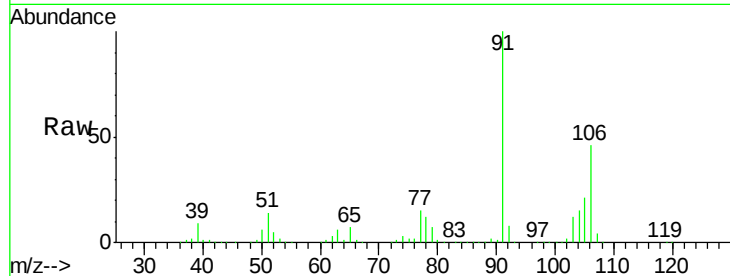




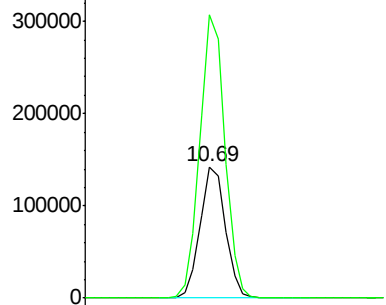
#69
o-Xylene
Concen: 49.989 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

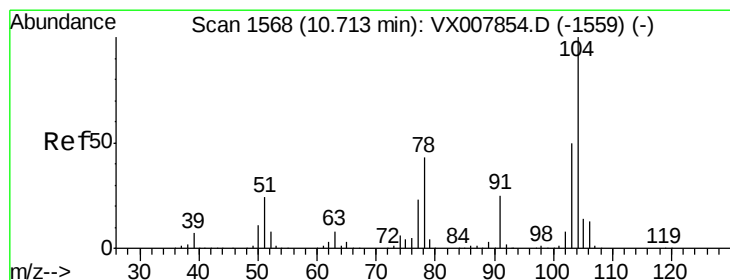
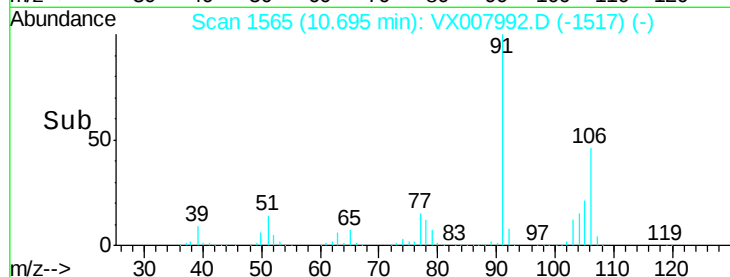
Tot Ion:106 Resp: 185609
Ion Ratio Lower Upper
106 100
91 213.2 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

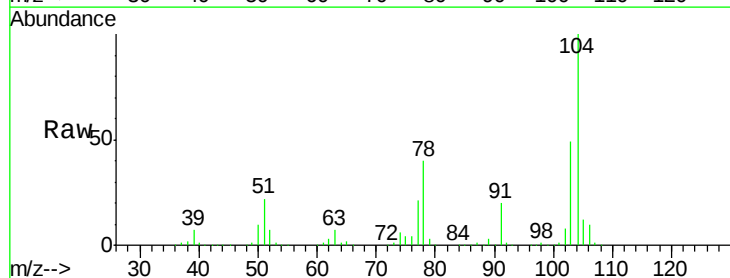


Time-->

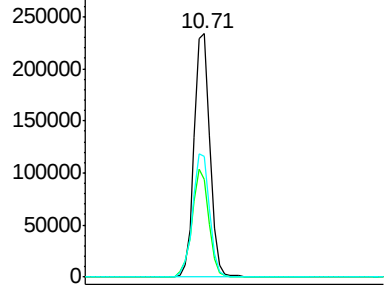


#70
Styrene
Concen: 51.962 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

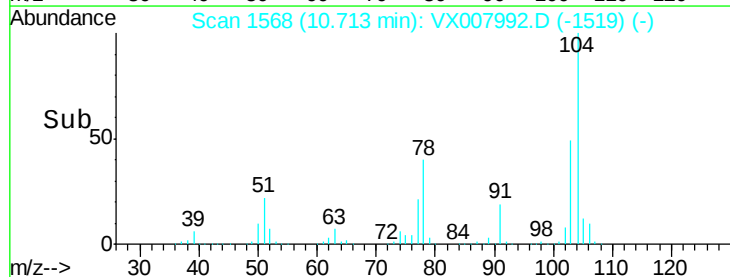
Tgt Ion:104 Resp: 315717
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 54.6 44.1 66.1

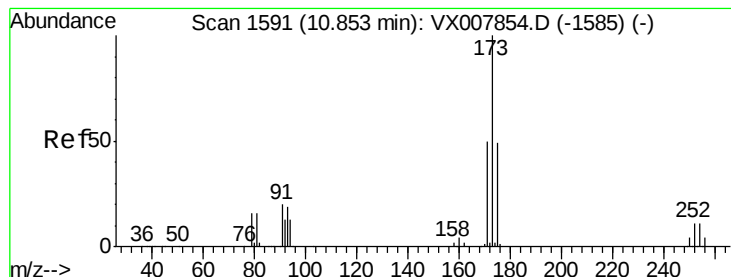


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.532 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

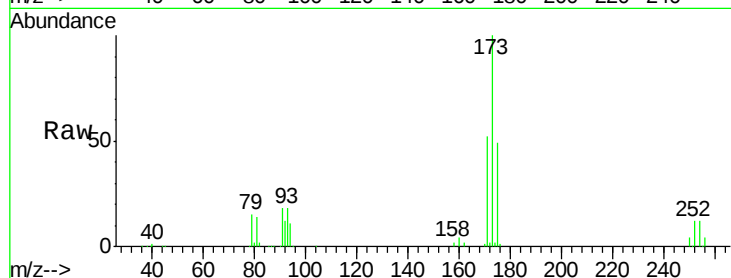
Tot Ion:173 Resp: 96138

Ion Ratio Lower Upper

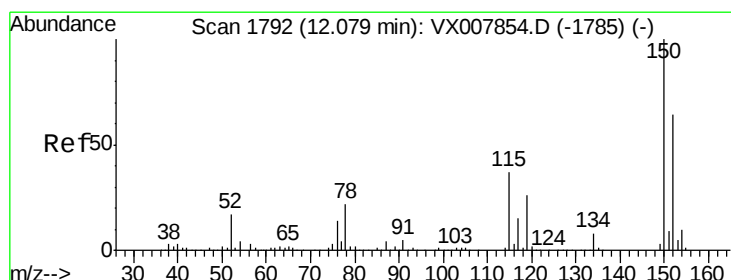
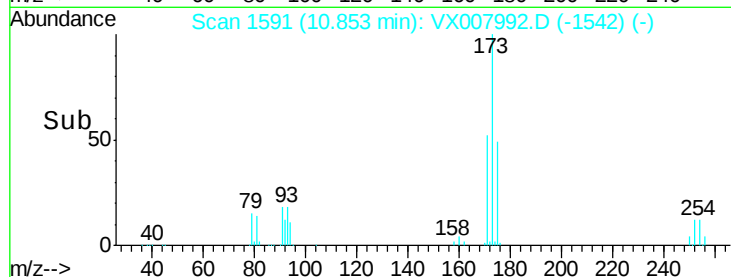
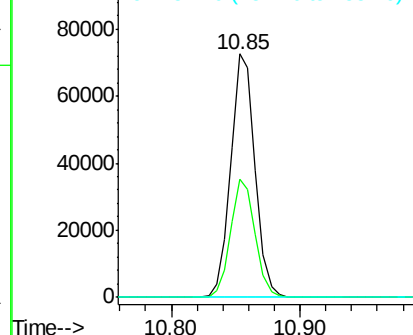
173 100

175 49.0 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

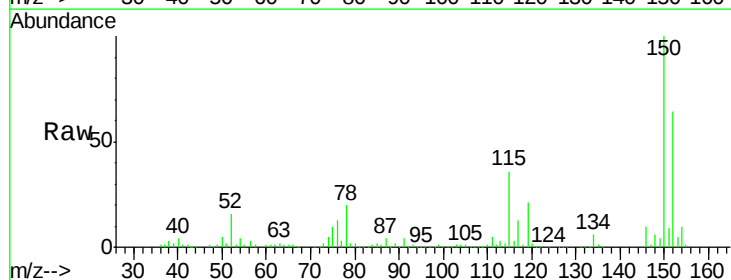
Tgt Ion:152 Resp: 150639

Ion Ratio Lower Upper

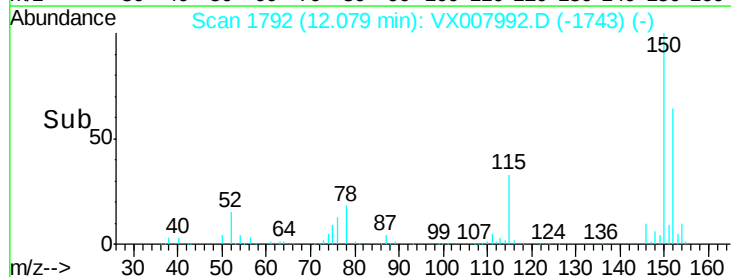
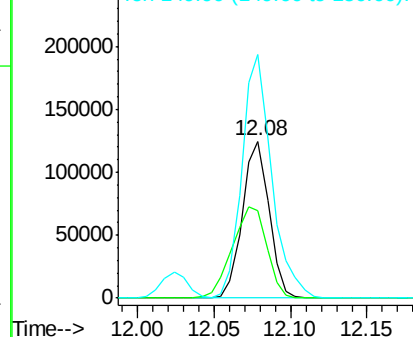
152 100

115 75.6 38.6 115.7

150 172.9 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

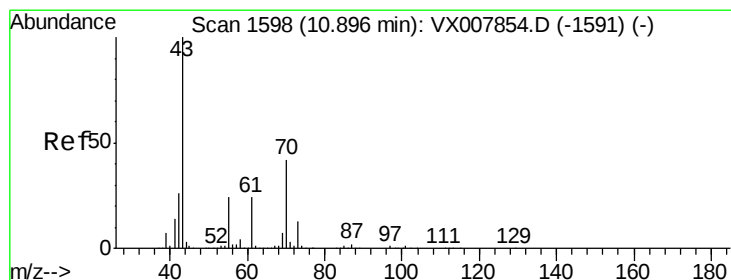
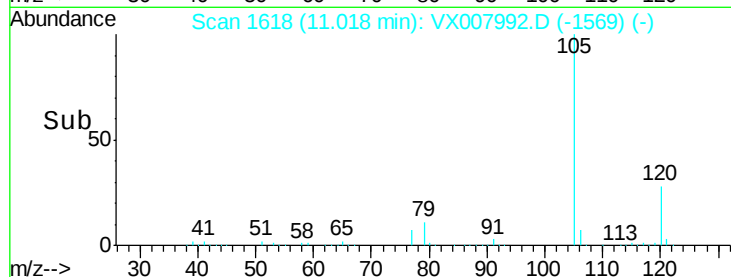
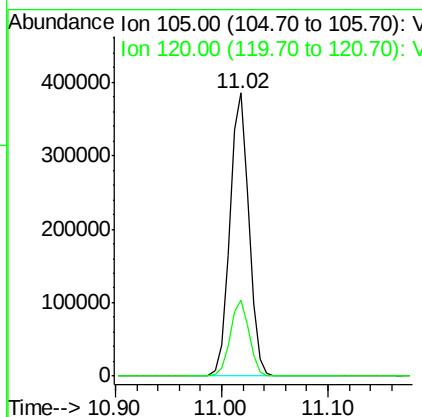
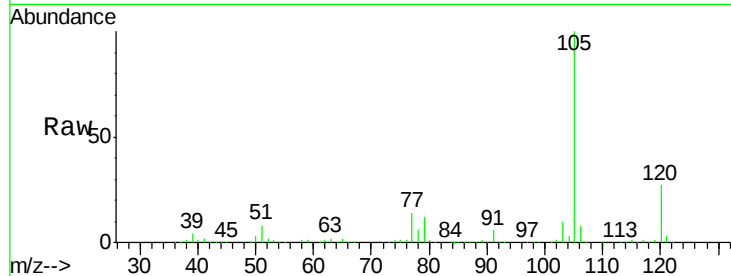




#73
Isopropylbenzene
Concen: 47.366 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

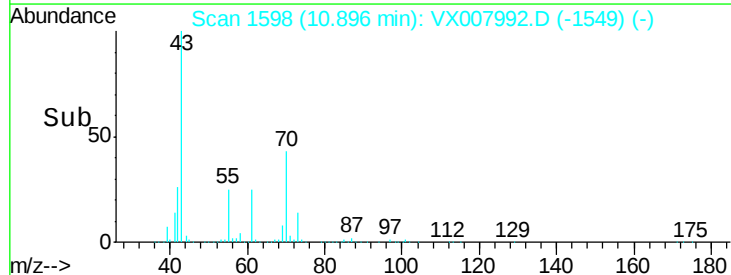
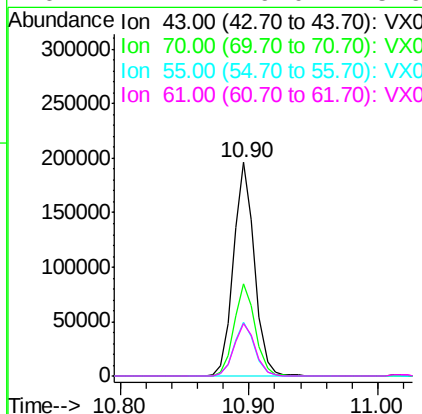
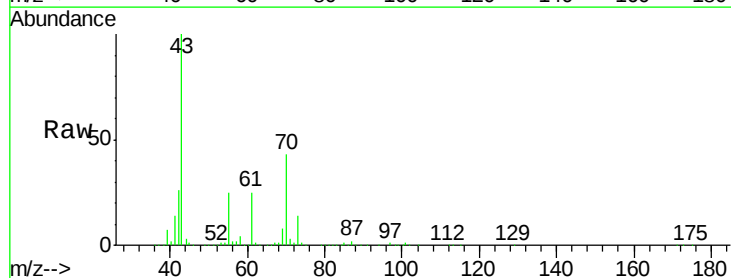
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

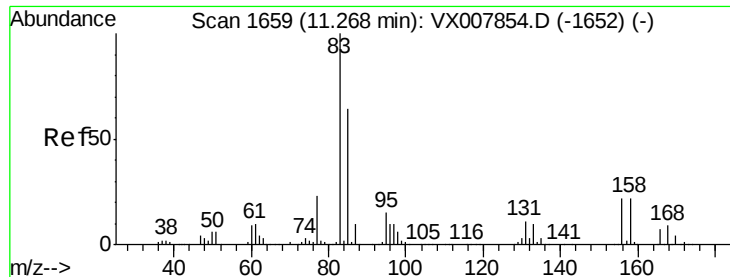
Tot Ion:105 Resp: 482557
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 48.043 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007992.D
Acq: 12 Mar 2019 03:11

Tgt Ion: 43 Resp: 223451
Ion Ratio Lower Upper
43 100
70 43.3 33.5 50.3
55 25.0 19.2 28.8
61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.326 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

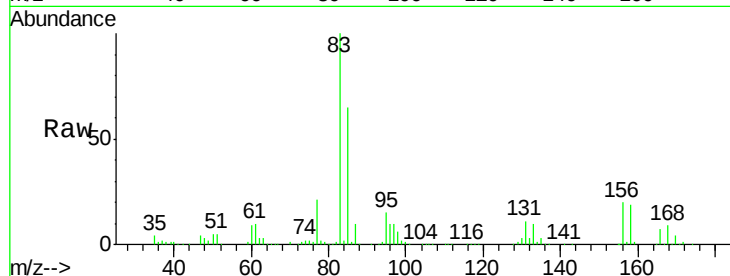
Tot Ion: 83 Resp: 166314

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

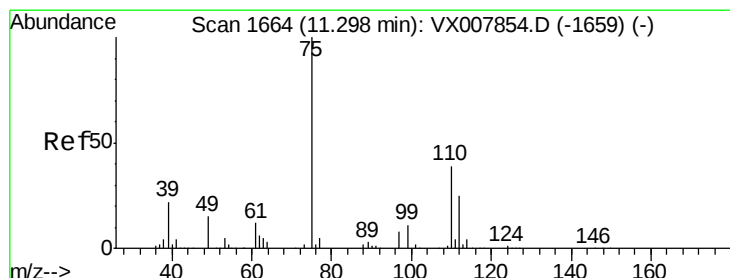
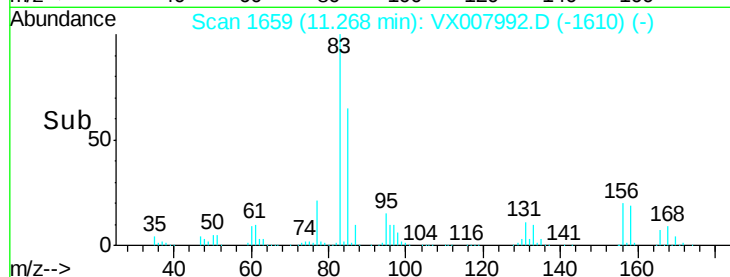
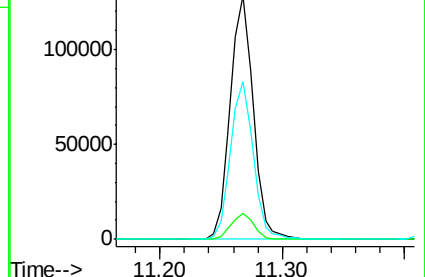
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.491 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007992.D

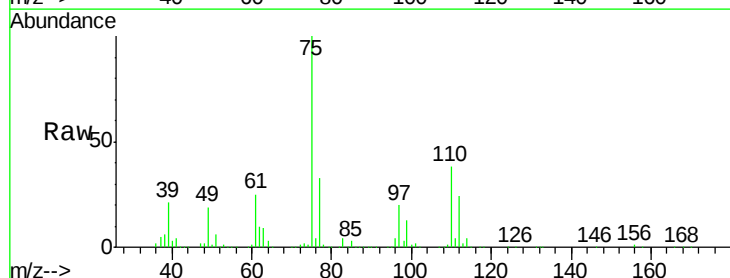
Acq: 12 Mar 2019 03:11

Tgt Ion: 75 Resp: 191215

Ion Ratio Lower Upper

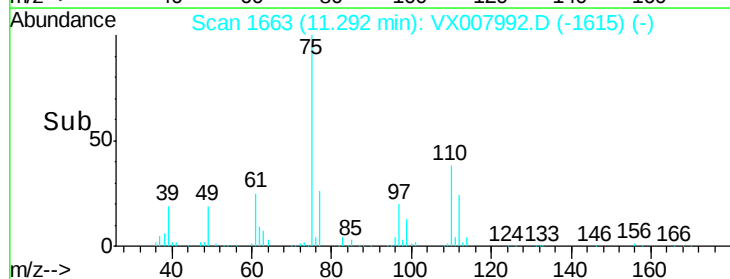
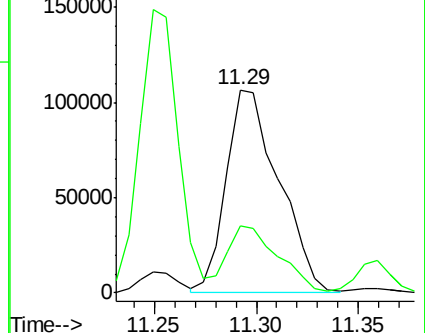
75 100

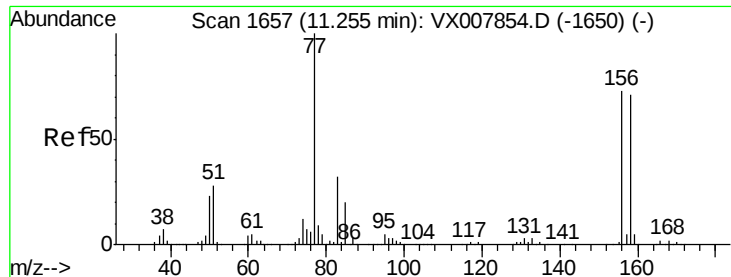
77 32.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.159 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

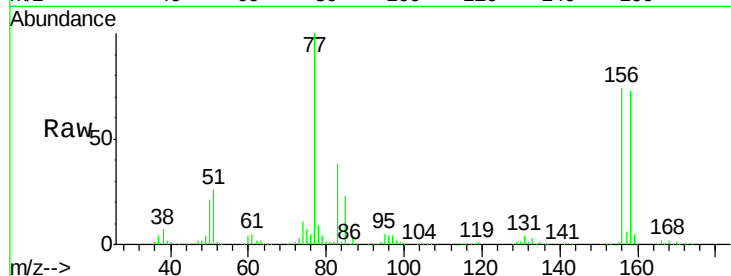
Tot Ion:156 Resp: 137311

Ion Ratio Lower Upper

156 100

77 141.5 72.0 215.9

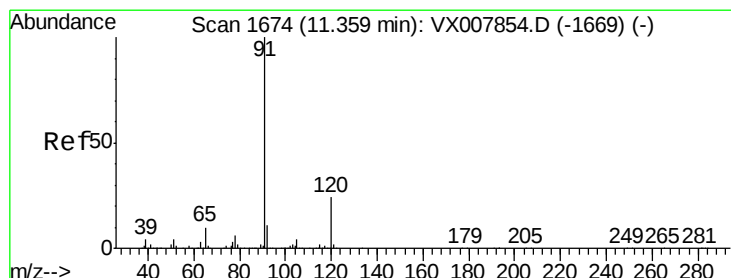
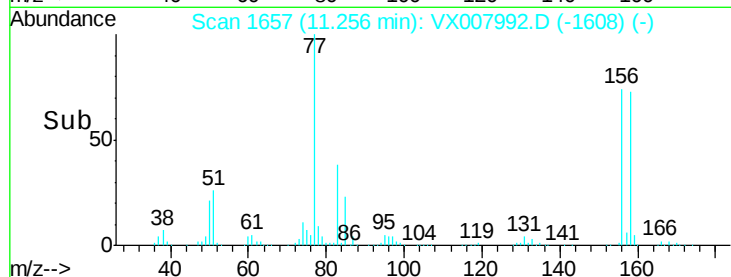
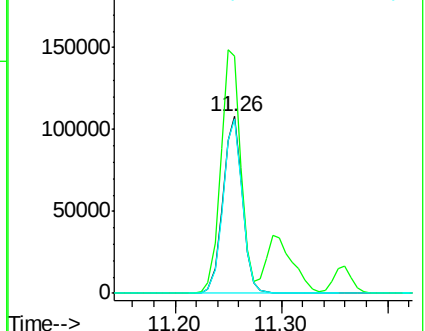
158 98.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.678 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007992.D

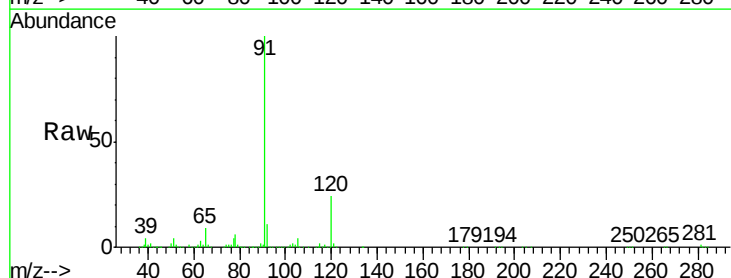
Acq: 12 Mar 2019 03:11

Tgt Ion: 91 Resp: 538877

Ion Ratio Lower Upper

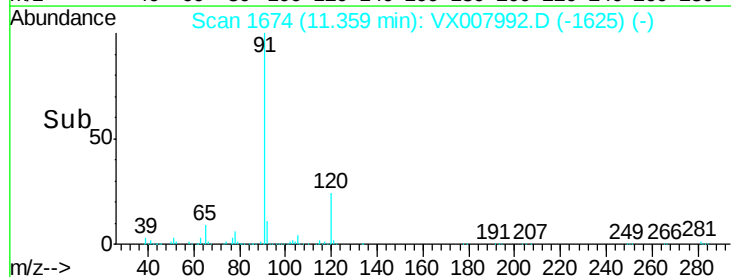
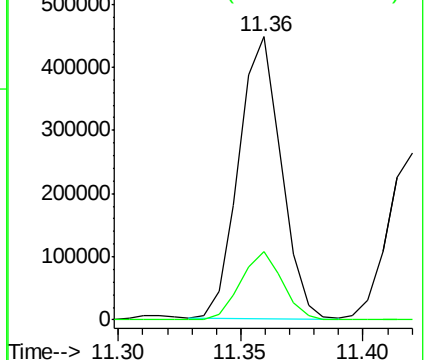
91 100

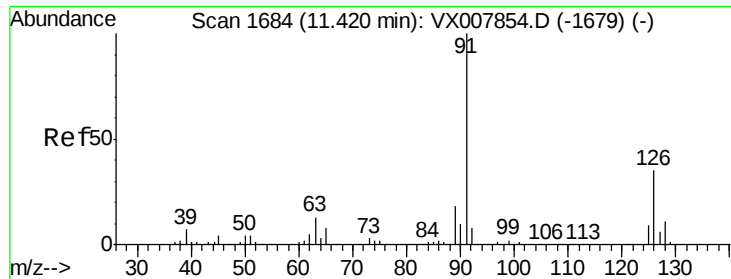
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

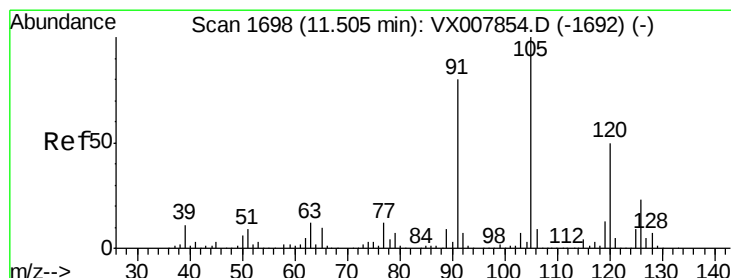
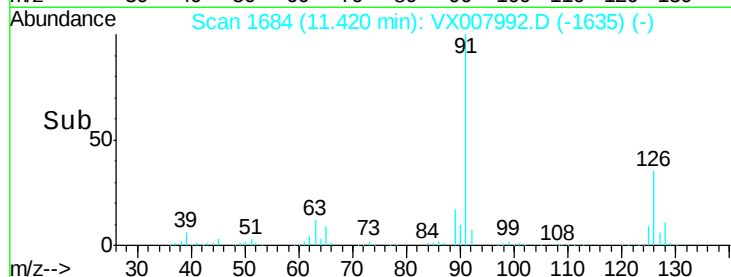
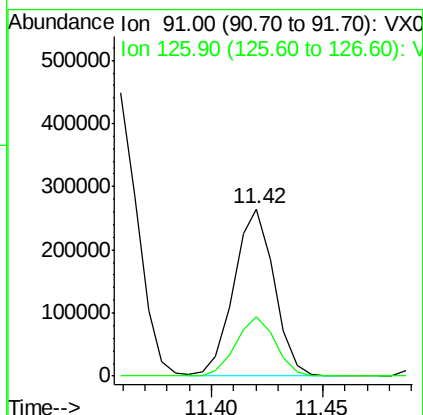
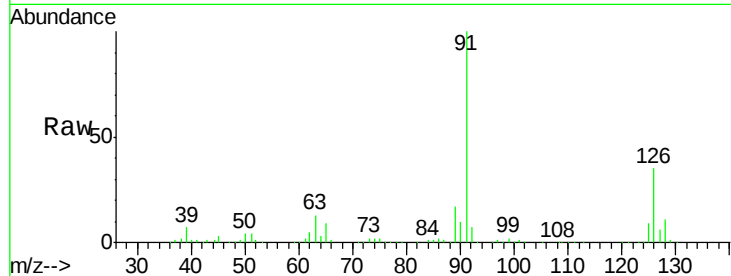




#79
 2-Chlorotoluene
 Concen: 47.951 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

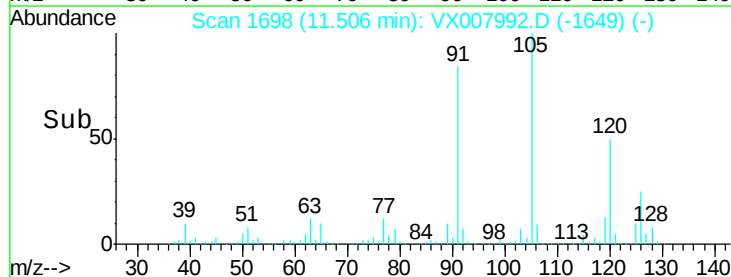
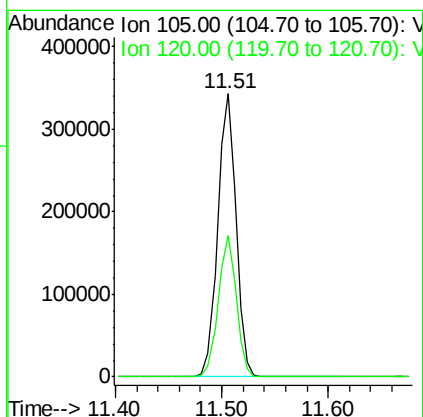
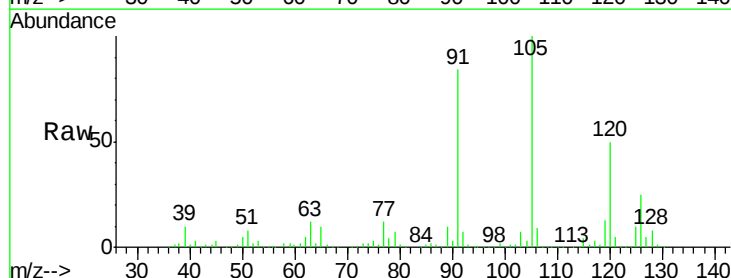
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

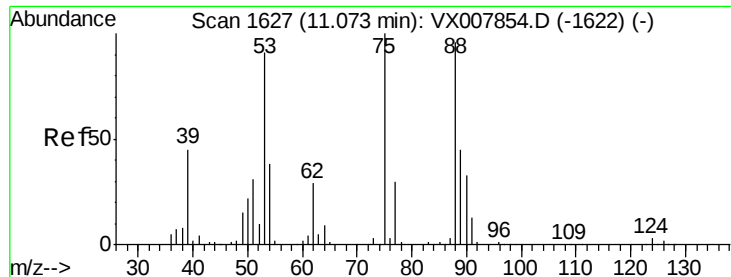
Tot Ion: 91 Resp: 331364
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.764 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion: 105 Resp: 408893
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.080 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

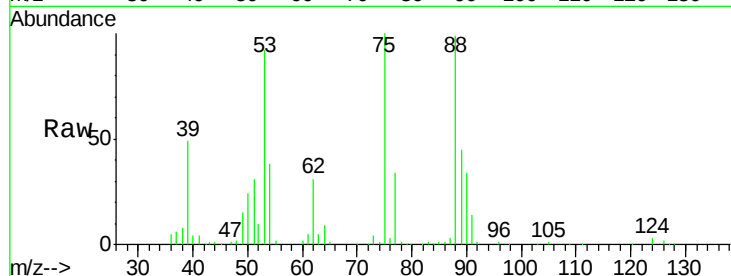
Tot Ion: 75 Resp: 46558

Ion Ratio Lower Upper

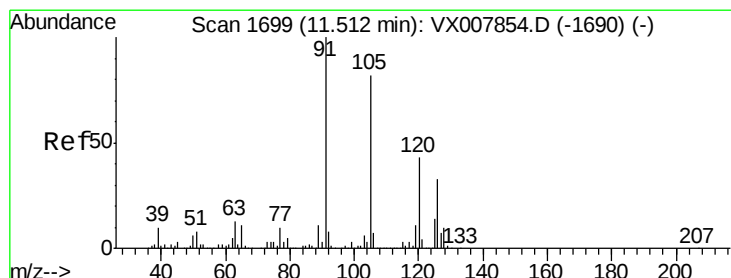
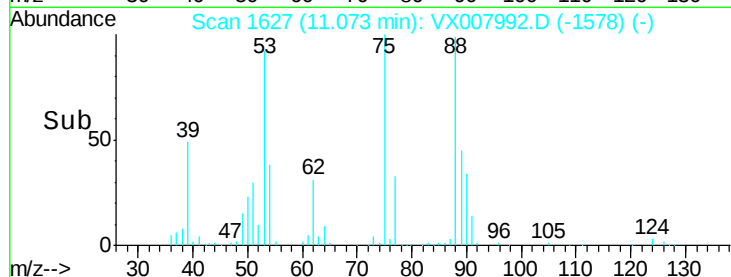
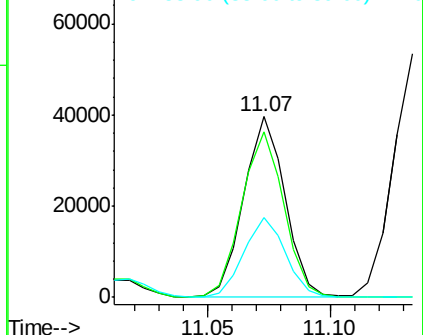
75 100

53 93.9 76.1 114.1

89 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.226 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007992.D

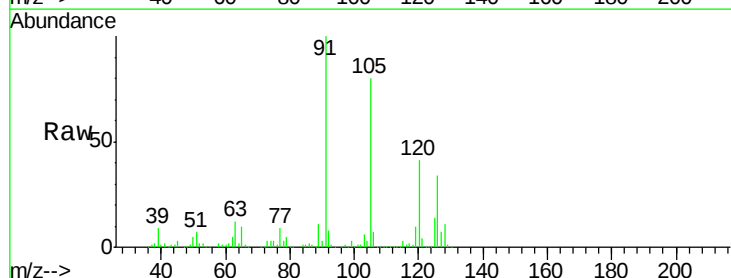
Acq: 12 Mar 2019 03:11

Tgt Ion: 91 Resp: 381924

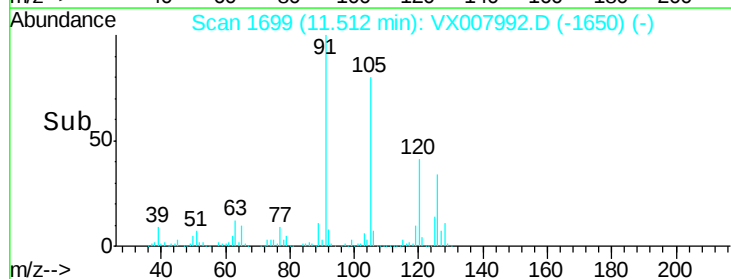
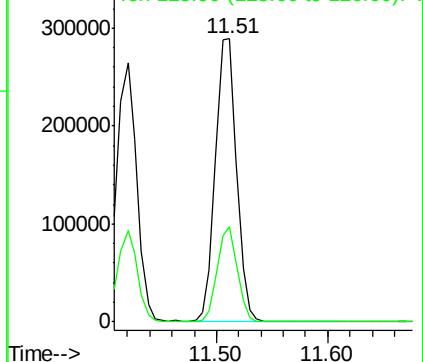
Ion Ratio Lower Upper

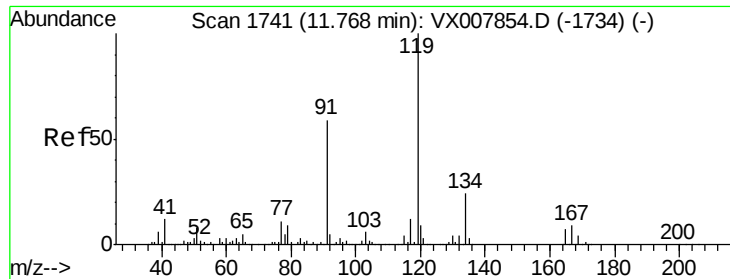
91 100

126 31.8 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

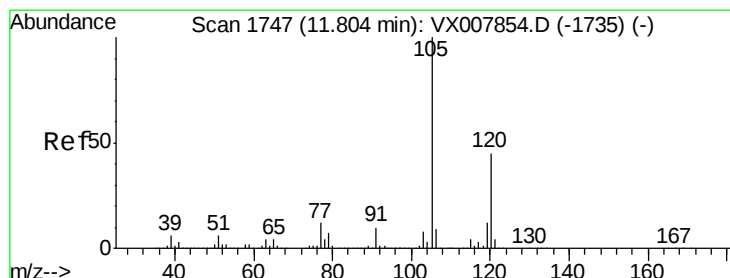
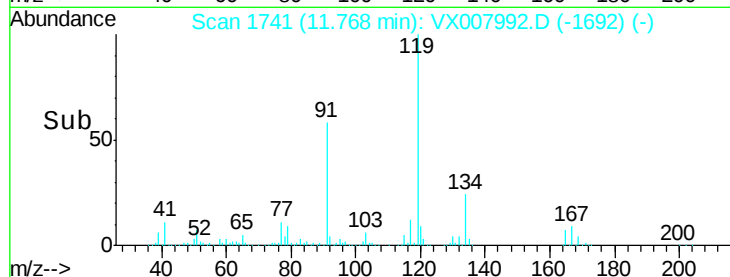
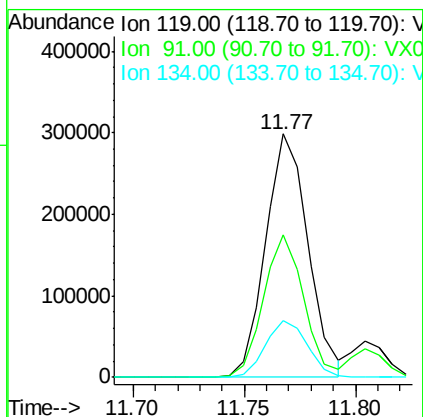
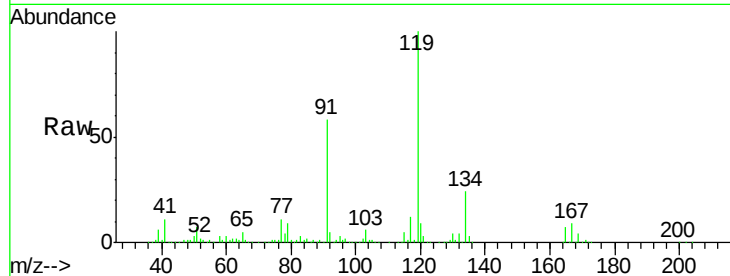




#83
 tert-Butylbenzene
 Concen: 46.730 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

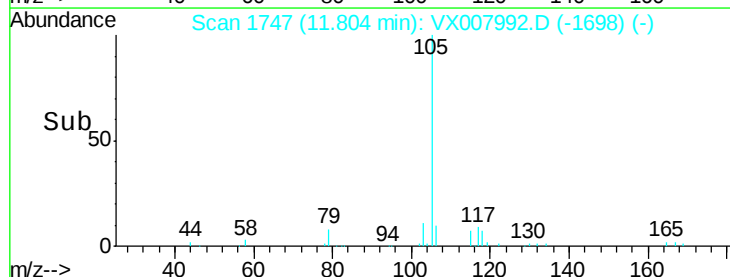
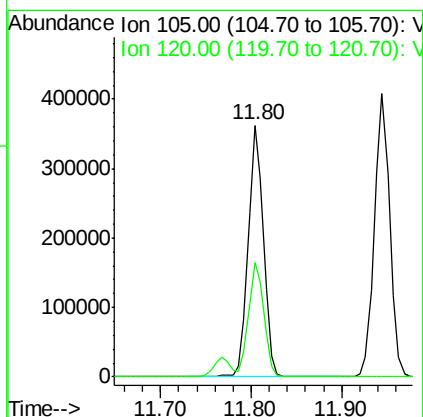
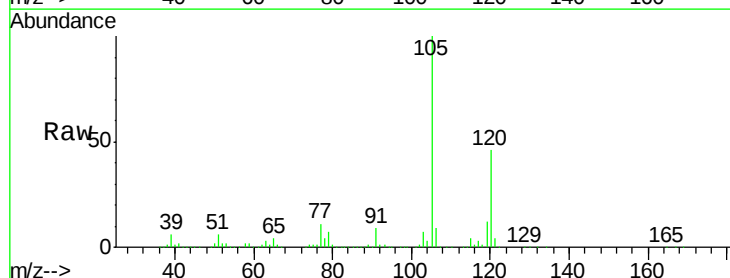
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

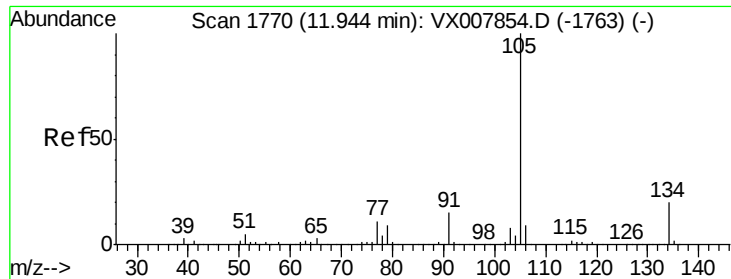
Tot Ion:119 Resp: 394700
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 23.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.293 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion:105 Resp: 423717
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 47.888 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

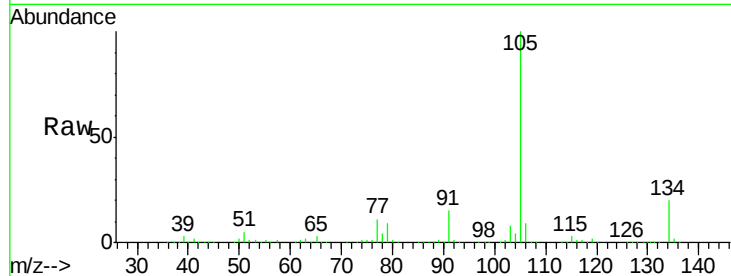
VSTDCCC050

Tot Ion:105 Resp: 476378

Ion Ratio Lower Upper

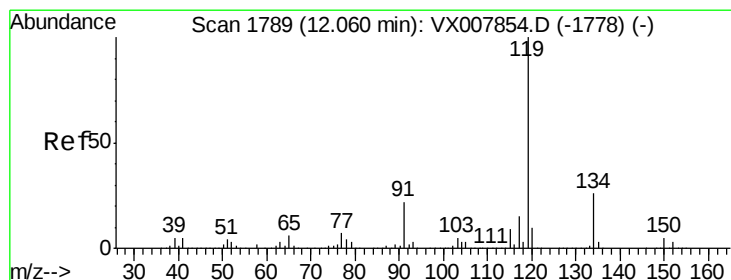
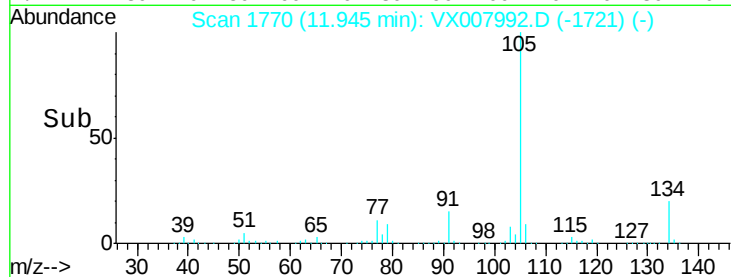
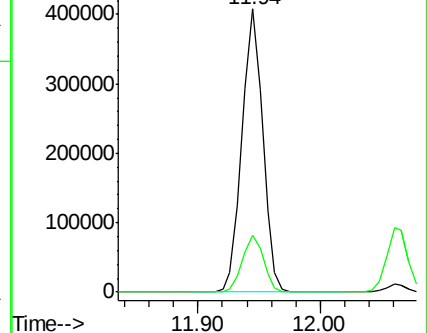
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.353 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

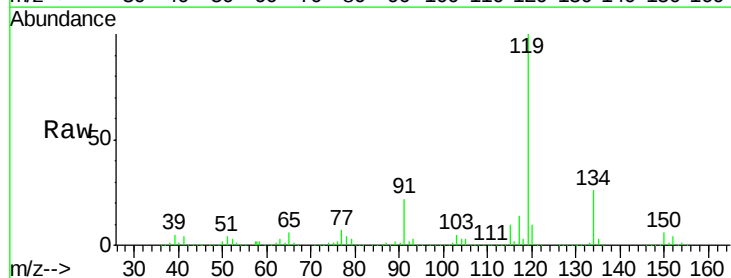
Tgt Ion:119 Resp: 430780

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

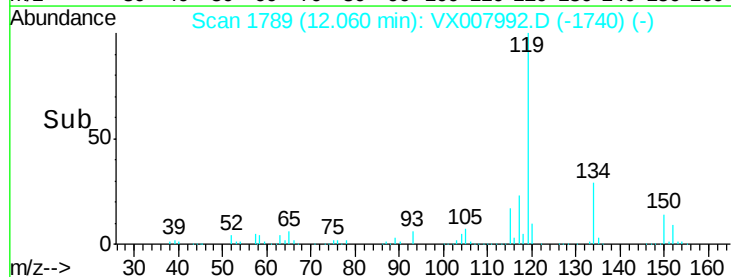
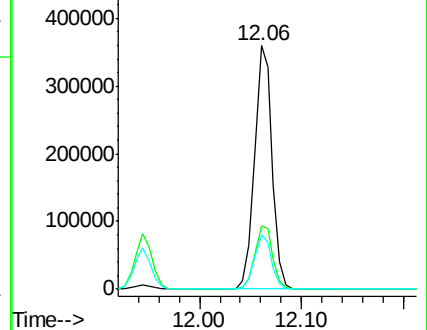
91 21.9 10.9 32.7

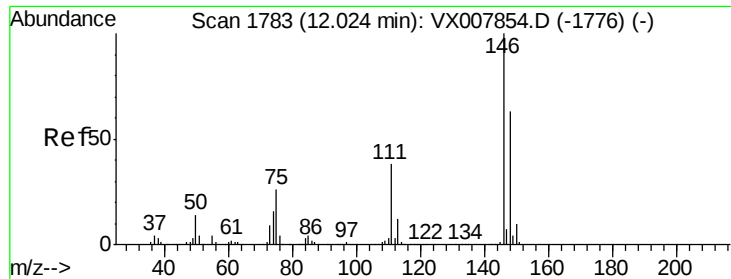


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.954 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

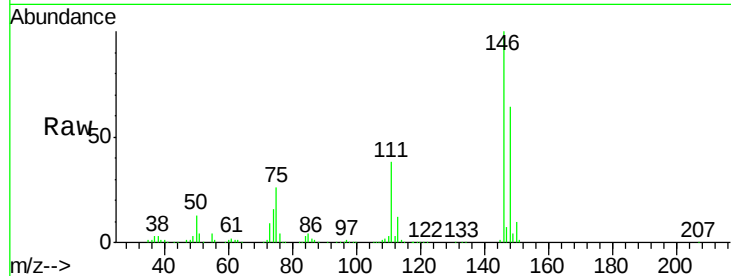
Tot Ion:146 Resp: 241906

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

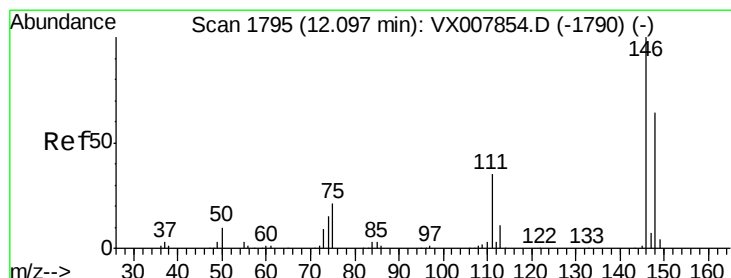
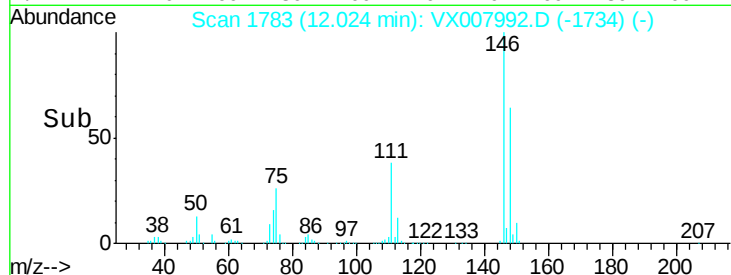
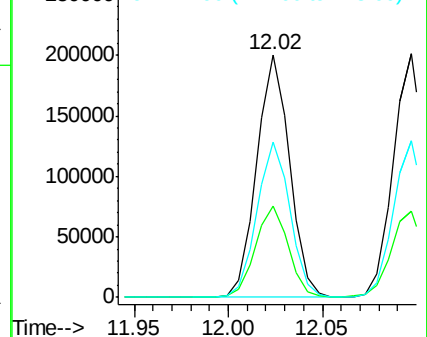
148 64.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.103 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

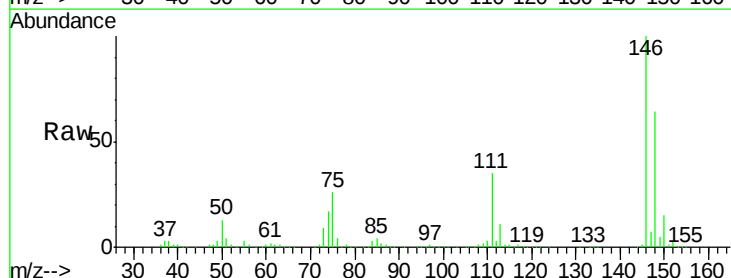
Tgt Ion:146 Resp: 243430

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

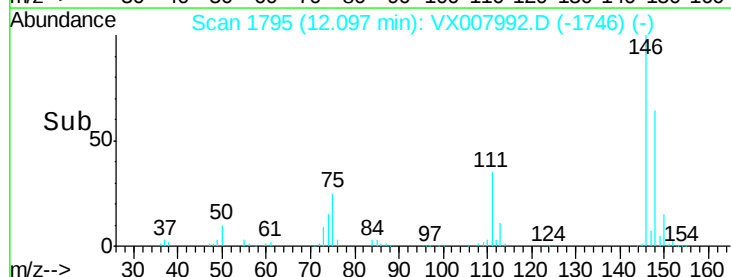
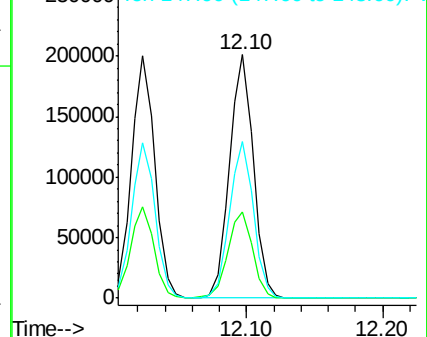
148 64.5 32.2 96.6

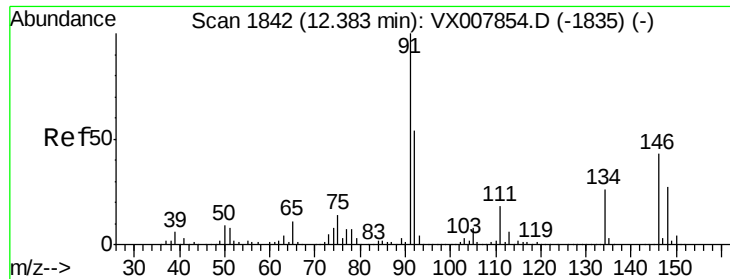


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.788 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

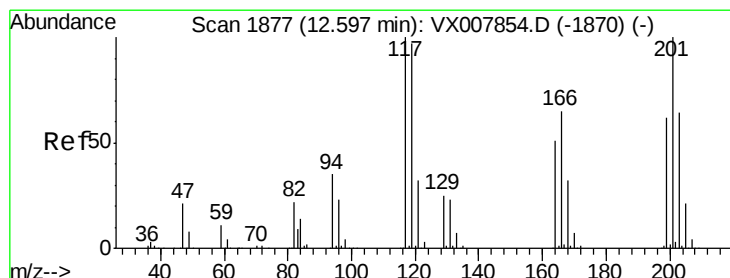
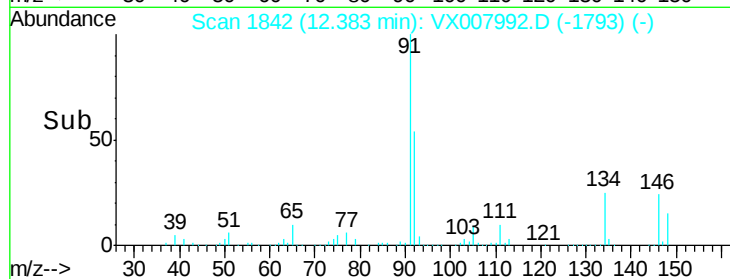
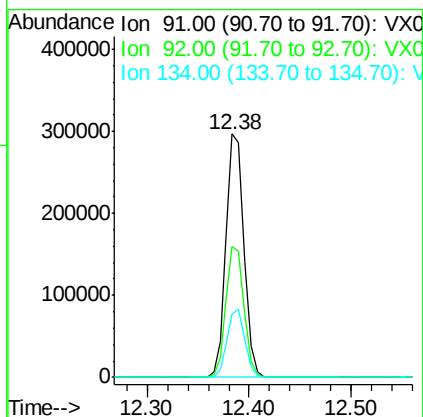
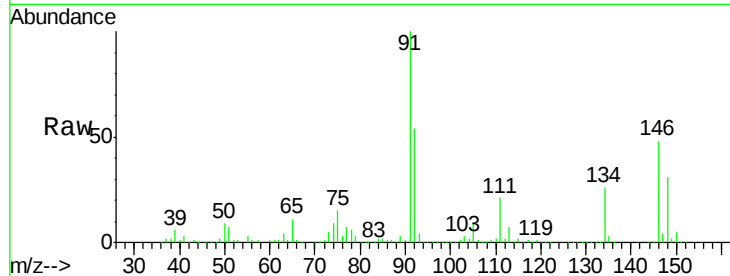
Tot Ion: 91 Resp: 360697

Ion Ratio Lower Upper

91 100

92 53.9 27.0 80.8

134 27.6 13.7 41.0



#90

Hexachloroethane

Concen: 47.753 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007992.D

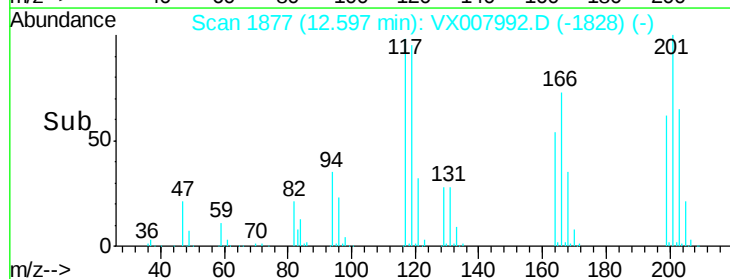
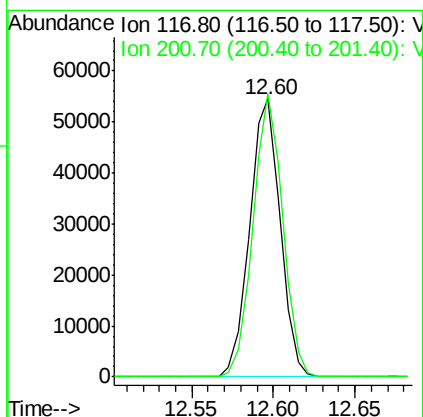
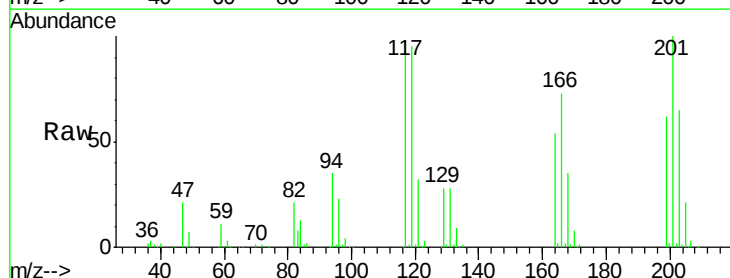
Acq: 12 Mar 2019 03:11

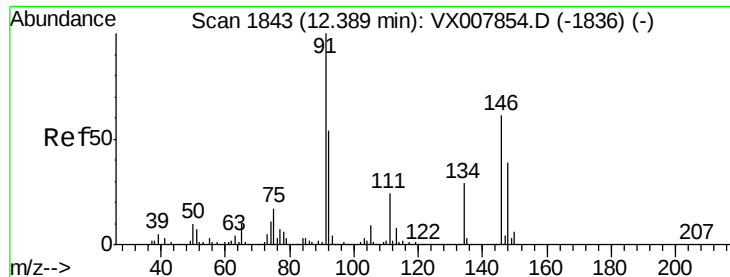
Tgt Ion: 117 Resp: 71130

Ion Ratio Lower Upper

117 100

201 98.6 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 49.641 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

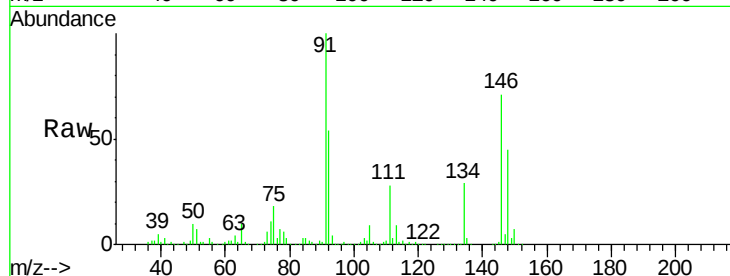
Tot Ion:146 Resp: 243692

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.8

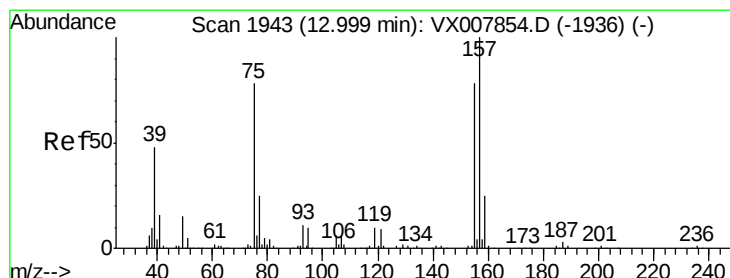
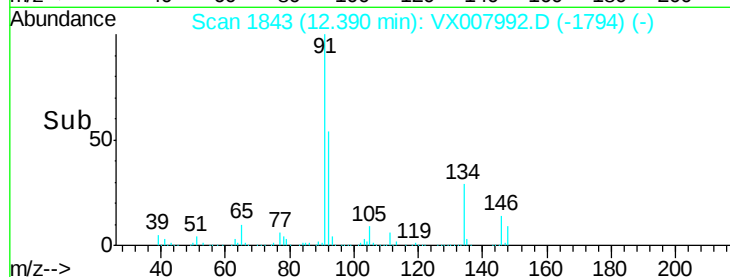
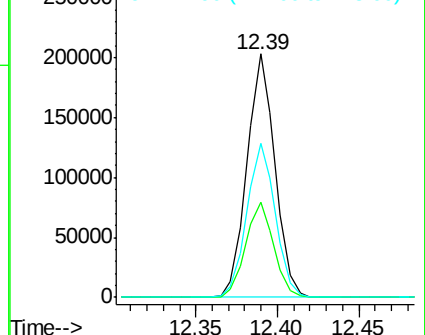
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.071 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

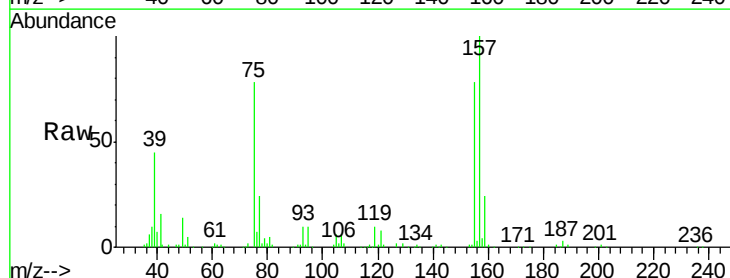
Tgt Ion: 75 Resp: 35305

Ion Ratio Lower Upper

75 100

155 103.1 49.7 149.1

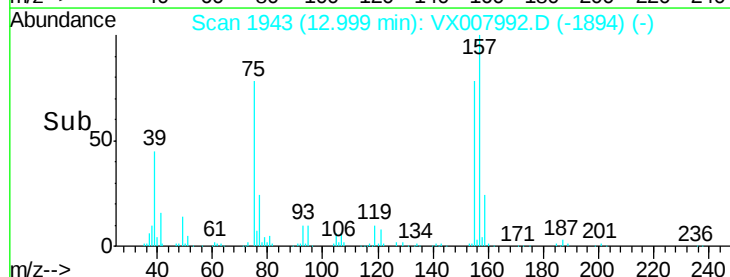
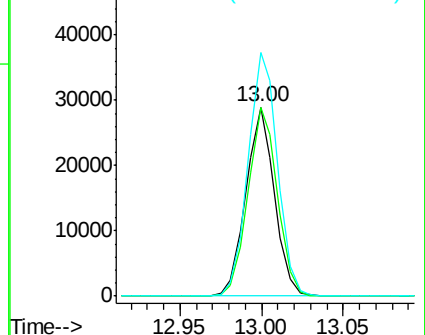
157 132.9 63.8 191.4

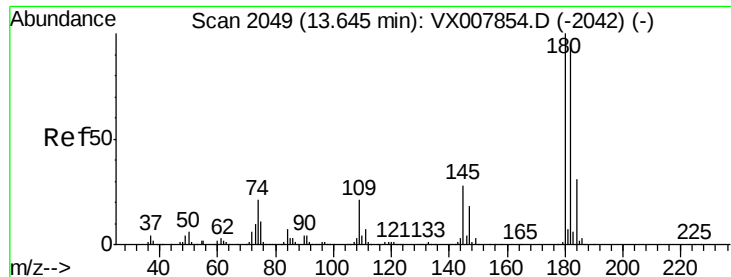


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

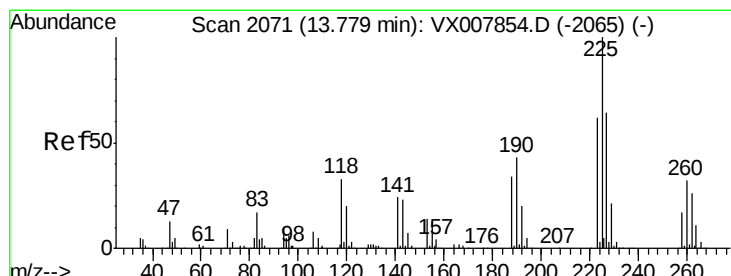
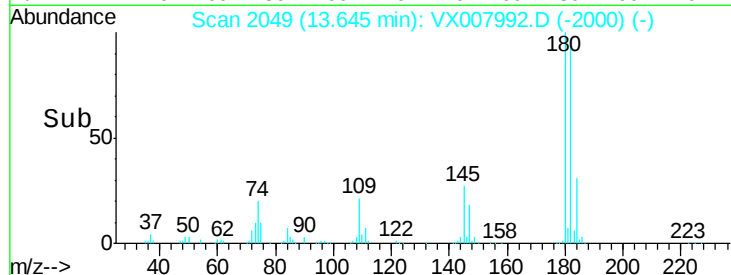
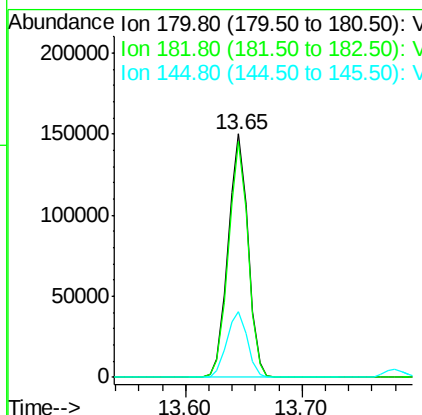
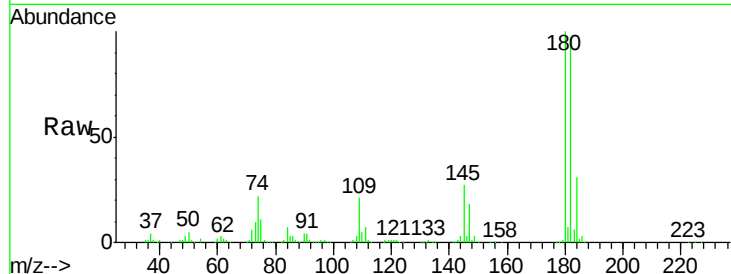




#93
 1,2,4-Trichlorobenzene
 Concen: 51.428 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

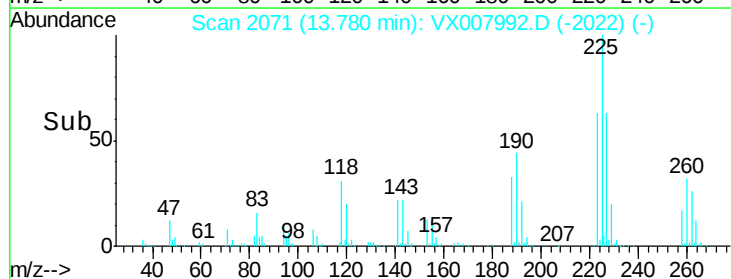
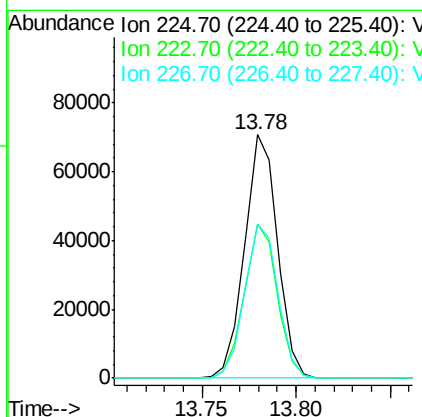
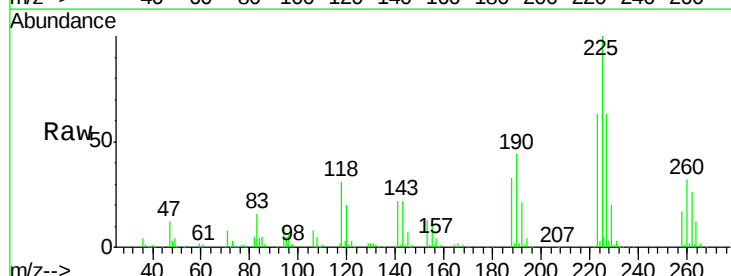
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

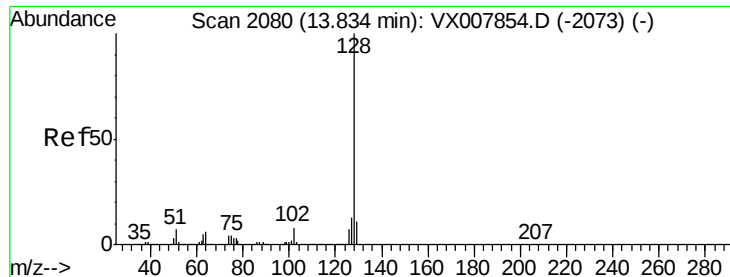
Tot Ion:180 Resp: 177355
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.488 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007992.D
 Acq: 12 Mar 2019 03:11

Tgt Ion:225 Resp: 85620
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.2
 227 64.1 32.0 96.0





#95

Naphthalene

Concen: 53.331 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

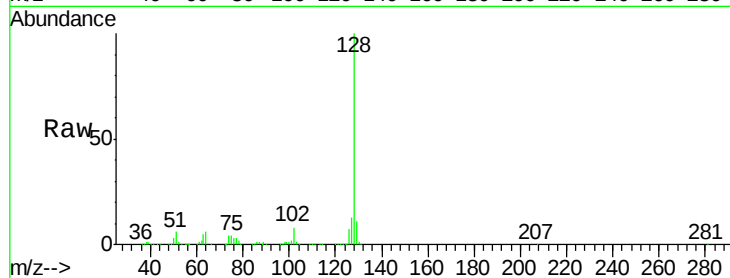
Tot Ion:128 Resp: 529921

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

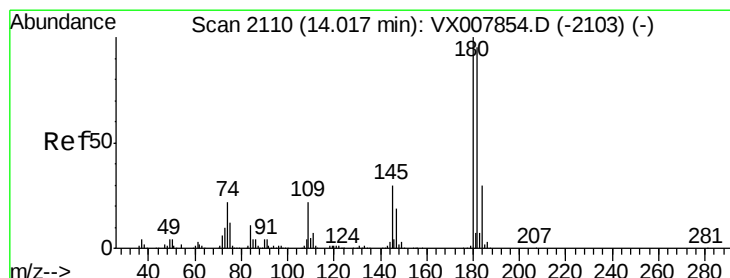
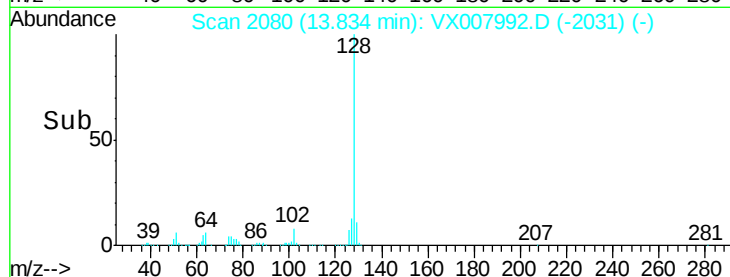
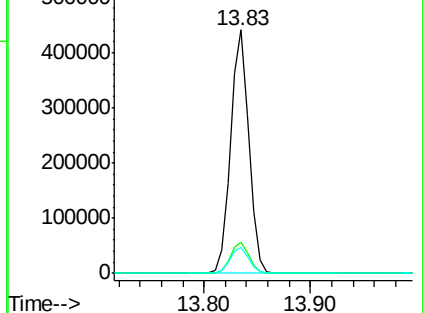
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.853 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007992.D

Acq: 12 Mar 2019 03:11

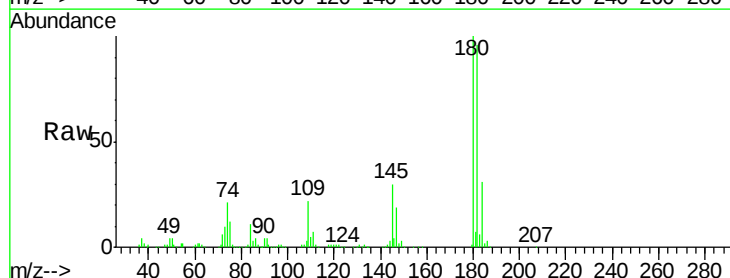
Tgt Ion:180 Resp: 178136

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 30.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

