

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007755.D
 Acq On : 28 Feb 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 01 01:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	317673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	183798	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	152313	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	8.71	98	581390	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	211251	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144071	49.232	ug/l	100
3) Chloromethane	1.33	50	149194	46.007	ug/l	99
4) Vinyl Chloride	1.41	62	158340	47.592	ug/l	99
5) Bromomethane	1.64	94	90705	43.067	ug/l	96
6) Chloroethane	1.72	64	102205	48.083	ug/l	99
7) Trichlorofluoromethane	1.93	101	232871	45.658	ug/l	99
8) Diethyl Ether	2.19	74	92699	44.286	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142623	46.265	ug/l	98
10) Methyl Iodide	2.51	142	198768	51.782	ug/l	100
11) Tert butyl alcohol	3.07	59	176448	236.335	ug/l	98
12) 1,1-Dichloroethene	2.37	96	126390	45.484	ug/l	91
13) Acrolein	2.29	56	141689	213.568	ug/l	98
14) Allyl chloride	2.73	41	263164	51.219	ug/l	95
15) Acrylonitrile	3.15	53	431803	245.765	ug/l	99
16) Acetone	2.45	43	506458	289.424	ug/l	98
17) Carbon Disulfide	2.57	76	350794	45.377	ug/l	99
18) Methyl Acetate	2.78	43	198488	51.982	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	457307	47.259	ug/l	100
20) Methylene Chloride	2.86	84	143175	44.310	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	136720	45.258	ug/l	93
22) Diisopropyl ether	3.87	45	501829	46.918	ug/l	96
23) Vinyl Acetate	3.82	43	2225229	237.130	ug/l	97
24) 1,1-Dichloroethane	3.70	63	264732	45.542	ug/l	98
25) 2-Butanone	4.70	43	726815	272.673	ug/l	94
26) 2,2-Dichloropropane	4.59	77	223416	48.149	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170841	44.446	ug/l	91
28) Bromochloromethane	5.01	49	133439	47.153	ug/l	85
29) Tetrahydrofuran	5.15	42	436553	248.459	ug/l	94
30) Chloroform	5.21	83	283216	45.485	ug/l	98
31) Cyclohexane	5.57	56	268691	49.140	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	245155	47.607	ug/l	97
36) 1,1-Dichloropropene	5.80	75	218167	54.966	ug/l	97
37) Ethyl Acetate	4.85	43	251015	56.932	ug/l	99
38) Carbon Tetrachloride	5.78	117	215975	54.170	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280277	55.872	ug/l	94
40) Benzene	6.14	78	648068	52.893	ug/l	100
41) Methacrylonitrile	5.06	41	142554	60.549	ug/l	94
42) 1,2-Dichloroethane	6.20	62	228918	55.588	ug/l	99
43) Isopropyl Acetate	6.46	43	391893	57.752	ug/l	98
44) Trichloroethene	7.21	130	180564	53.572	ug/l	97
45) 1,2-Dichloropropane	7.51	63	171888	54.157	ug/l	98
46) Dibromomethane	7.66	93	109877	49.624	ug/l	99
47) Bromodichloromethane	7.90	83	211325	55.074	ug/l	99
48) Methyl methacrylate	7.77	41	210298	59.123	ug/l	91
49) 1,4-Dioxane	7.75	88	79958	1040.786	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1287976	283.556	ug/l	99
52) Toluene	8.78	92	412993	53.454	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	237771	49.852	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	260196	55.878	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	167071	51.855	ug/l	98
56) Ethyl methacrylate	9.18	69	255791	55.829	ug/l	95
57) 1,3-Dichloropropane	9.37	76	277841	53.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	706046	279.447	ug/l	97
59) 2-Hexanone	9.49	43	1021835	286.544	ug/l	99
60) Dibromochloromethane	9.58	129	175041	56.462	ug/l	98
61) 1,2-Dibromoethane	9.67	107	176254	52.690	ug/l	99
64) Tetrachloroethene	9.34	164	191843	57.987	ug/l	97
65) Chlorobenzene	10.13	112	457776	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	167967	54.631	ug/l	99
67) Ethyl Benzene	10.25	91	784177	53.707	ug/l	100
68) m/p-Xylenes	10.36	106	608996	107.213	ug/l	97
69) o-Xylene	10.69	106	292675	53.567	ug/l	96
70) Styrene	10.71	104	486839	54.209	ug/l	99
71) Bromoform	10.85	173	137311	59.557	ug/l	100
73) Isopropylbenzene	11.02	105	798829	51.746	ug/l	100
74) N-amyl acetate	10.90	43	344625	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241738	45.274	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	294626	63.992	ug/l	79
77) Bromobenzene	11.26	156	207578	53.609	ug/l	94
78) n-propylbenzene	11.36	91	919708	52.721	ug/l	98
79) 2-Chlorotoluene	11.42	91	526572	50.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	666942	52.522	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	76297	44.744	ug/l	98
82) 4-Chlorotoluene	11.51	91	618588	50.342	ug/l	98
83) tert-Butylbenzene	11.77	119	644471	52.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	673100	51.820	ug/l	98
85) sec-Butylbenzene	11.94	105	803073	52.564	ug/l	99
86) p-Isopropyltoluene	12.06	119	726071	54.265	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	375680	52.306	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380520	51.731	ug/l	99
89) n-Butylbenzene	12.38	91	627871	52.618	ug/l	99
90) Hexachloroethane	12.60	117	116819	51.817	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	371081	51.637	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53980	46.399	ug/l	96

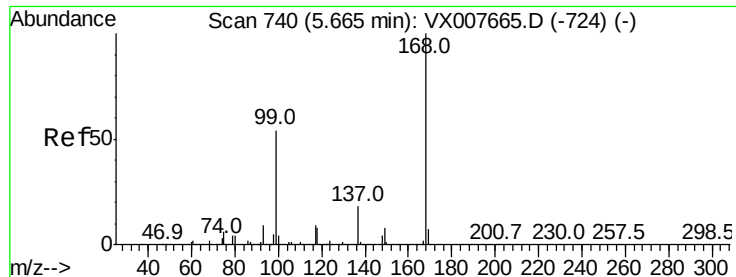
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	271001	61.778	ug/l	100
94) Hexachlorobutadiene	13.78	225	144129	71.822	ug/l	100
95) Naphthalene	13.83	128	775699	54.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267347	60.697	ug/l	100

(#) = 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: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

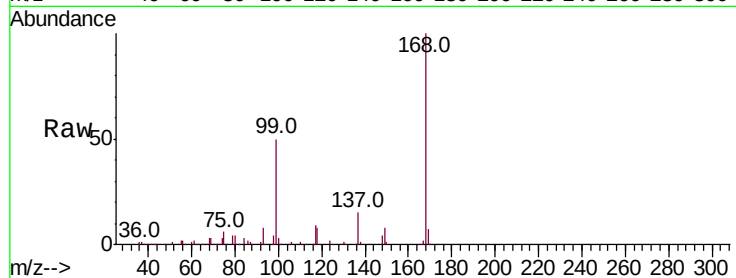
VSTDCCC050

Tot Ion:168 Resp: 317673

Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

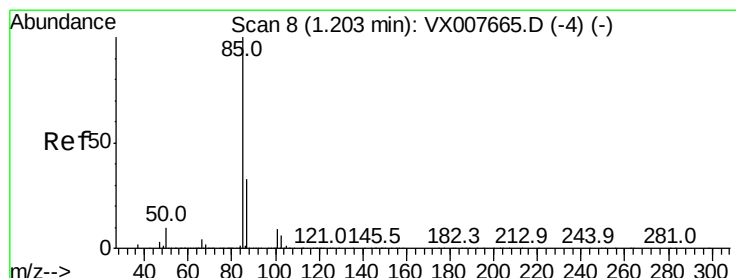
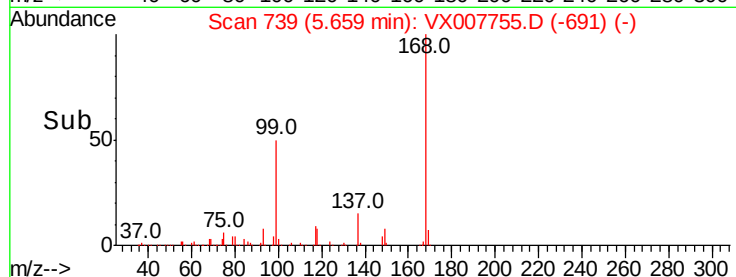
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.232 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007755.D

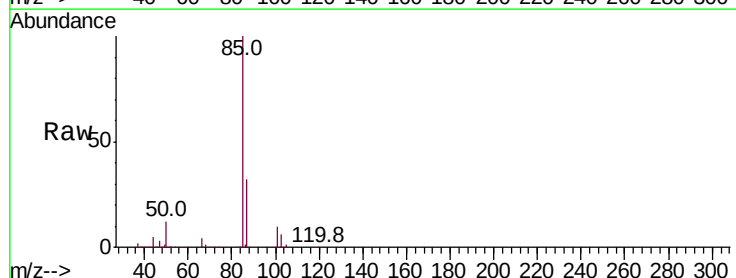
Acq: 28 Feb 2019 09:50

Tgt Ion: 85 Resp: 144071

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

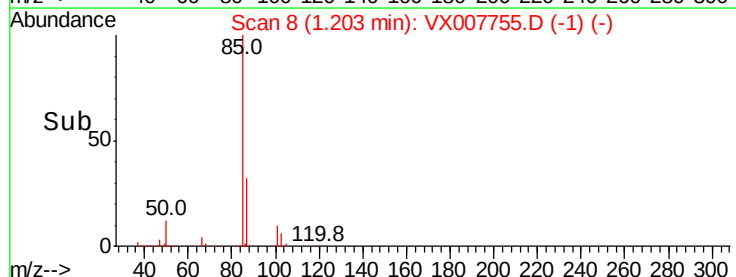
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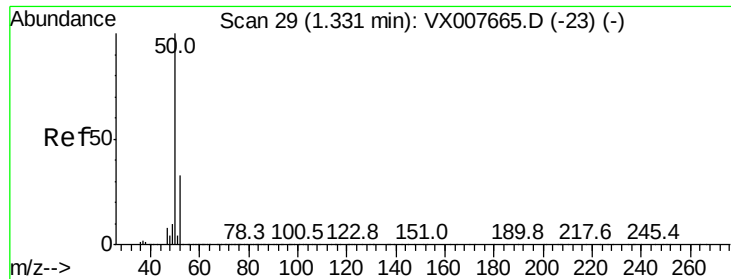
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.007 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

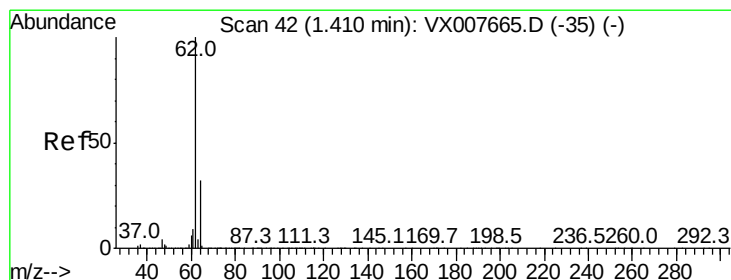
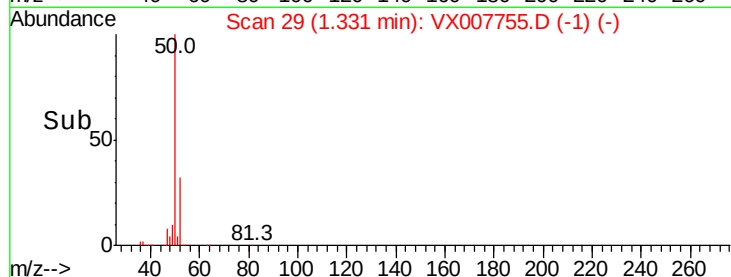
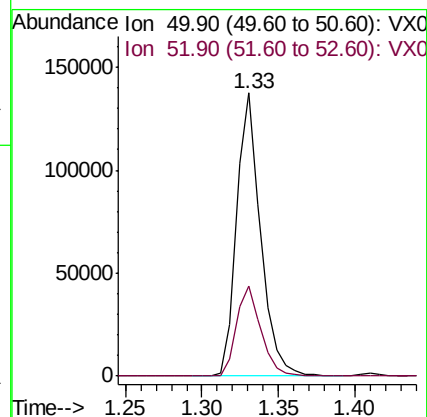
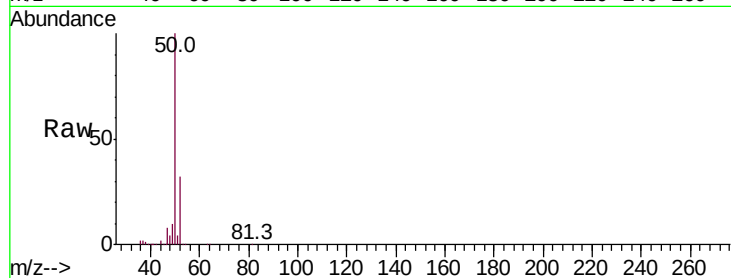
VSTDCCC050

Tot Ion: 50 Resp: 149194

Ion Ratio Lower Upper

50 100

52 31.8 26.1 39.1



#4

Vinyl Chloride

Concen: 47.592 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007755.D

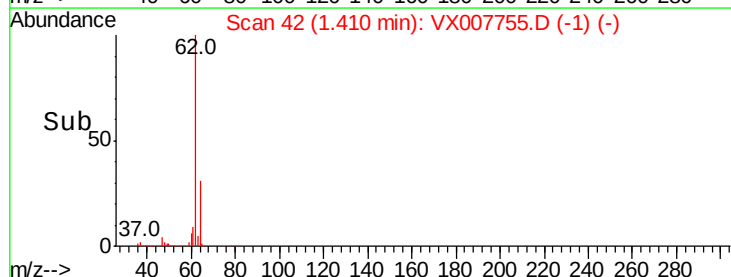
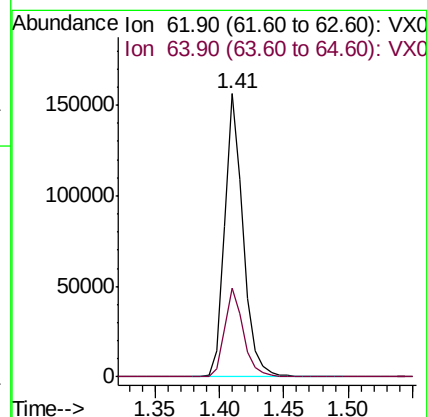
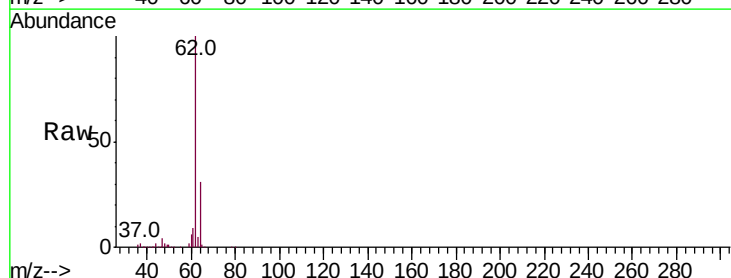
Acq: 28 Feb 2019 09:50

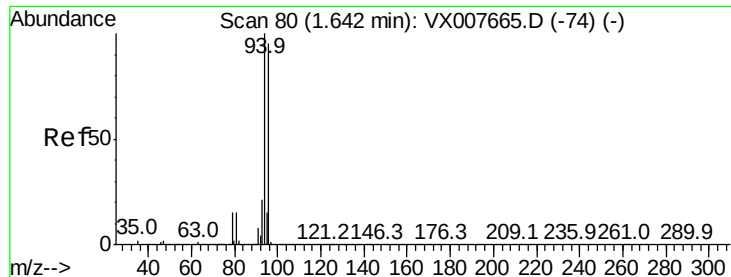
Tgt Ion: 62 Resp: 158340

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 43.067 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

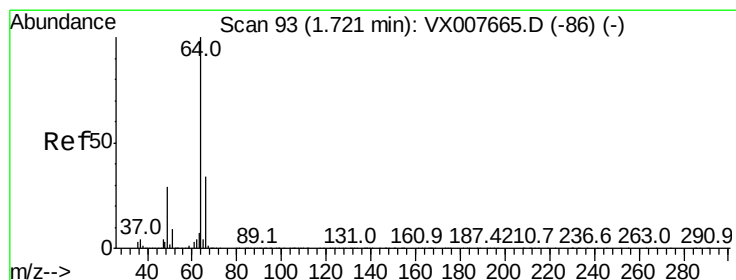
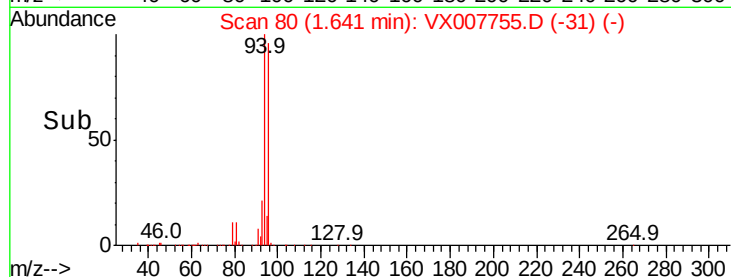
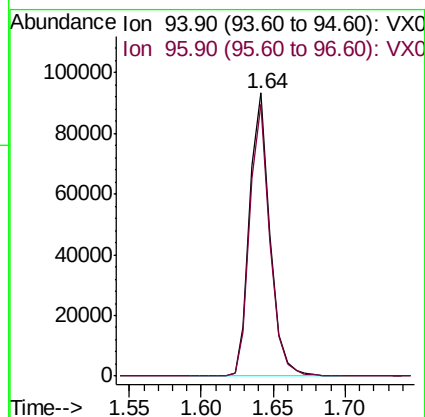
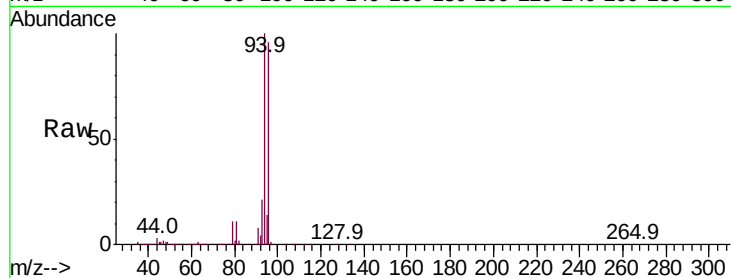
VSTDCCC050

Tot Ion: 94 Resp: 90705

Ion Ratio Lower Upper

94 100

96 96.0 73.9 110.9



#6

Chloroethane

Concen: 48.083 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007755.D

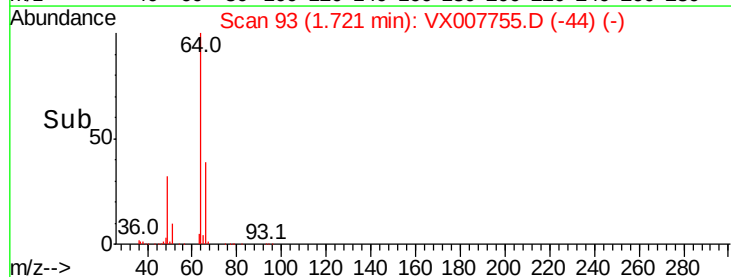
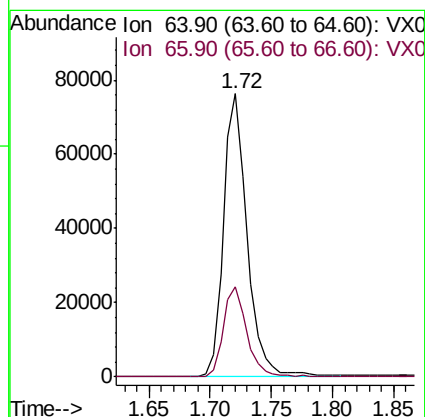
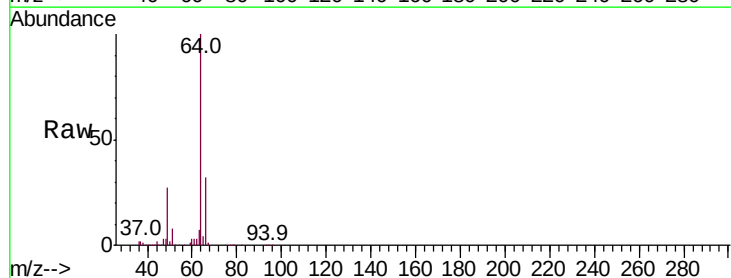
Acq: 28 Feb 2019 09:50

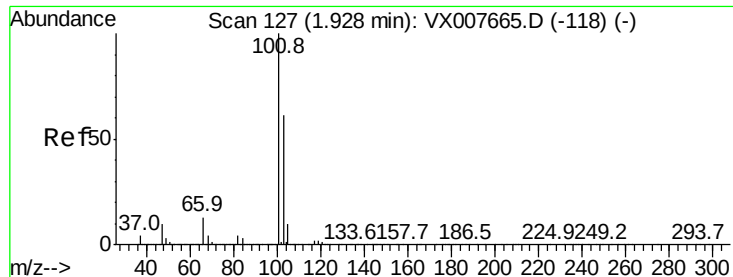
Tgt Ion: 64 Resp: 102205

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



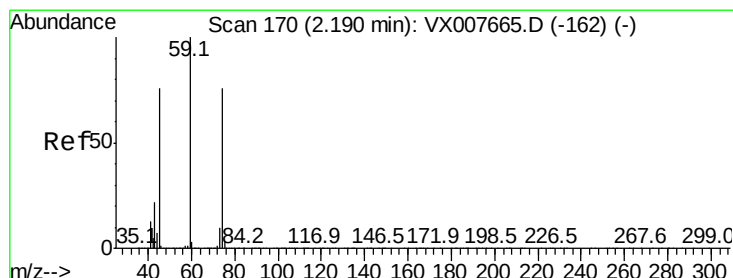
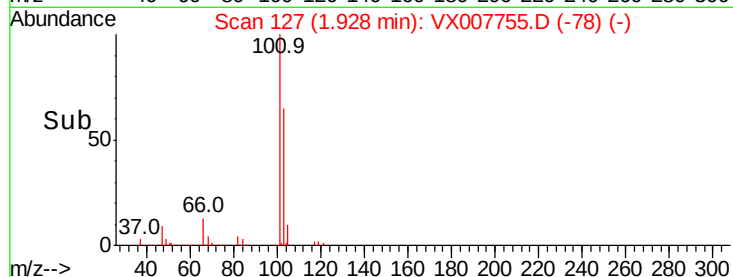
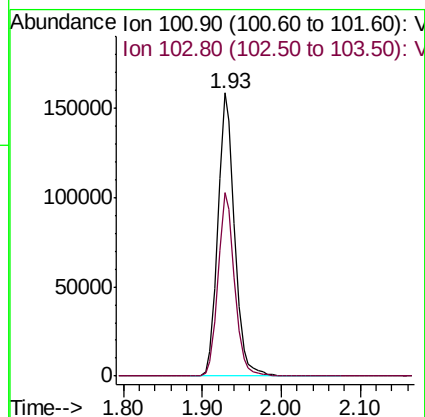
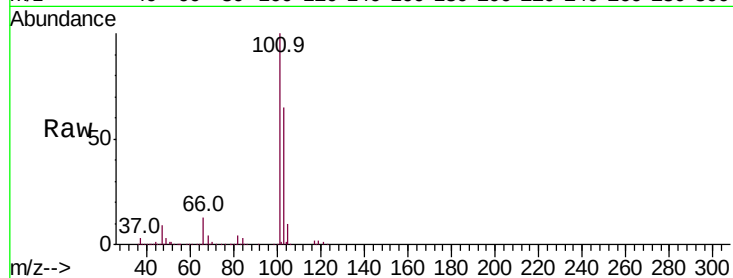


#7

Trichlorofluoromethane
Concen: 45.658 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007755.D
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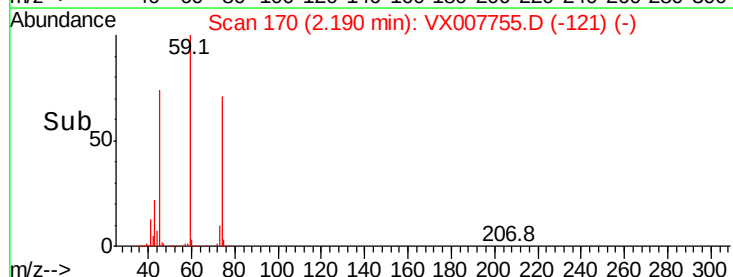
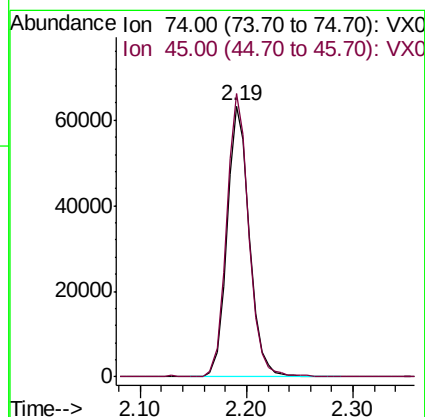
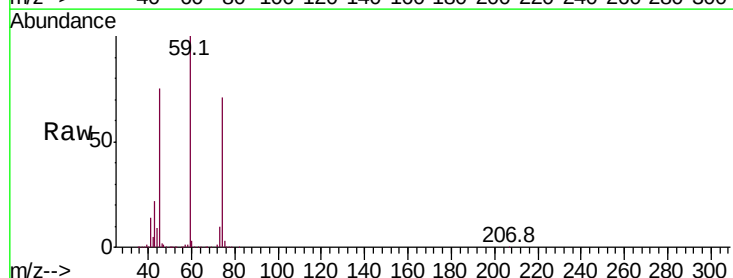
Tot Ion:101 Resp: 232871
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

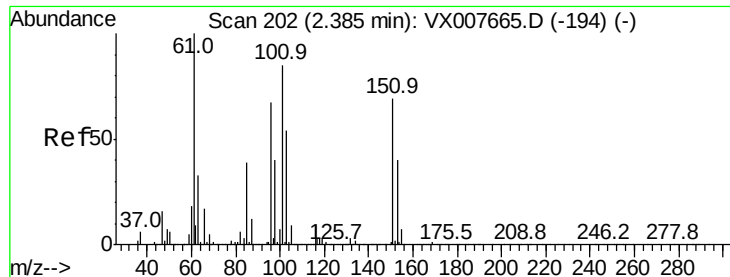


#8

Diethyl Ether
Concen: 44.286 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 74 Resp: 92699
Ion Ratio Lower Upper
74 100
45 103.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.265 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

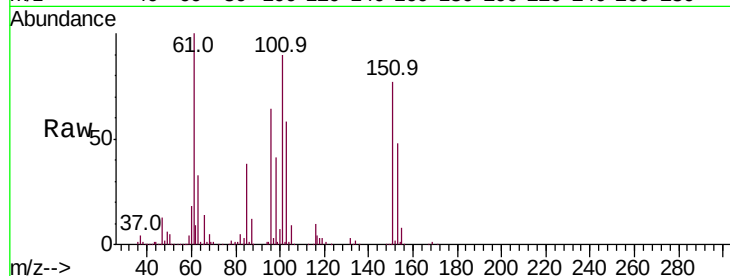
Tot Ion:101 Resp: 142623

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

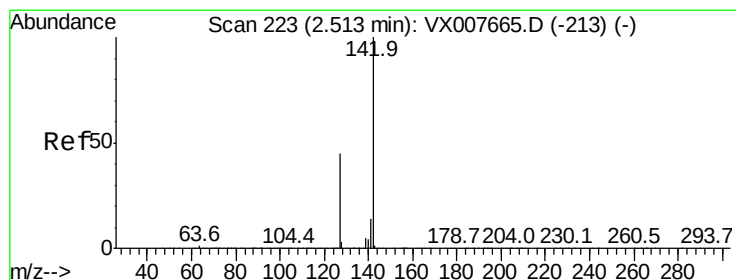
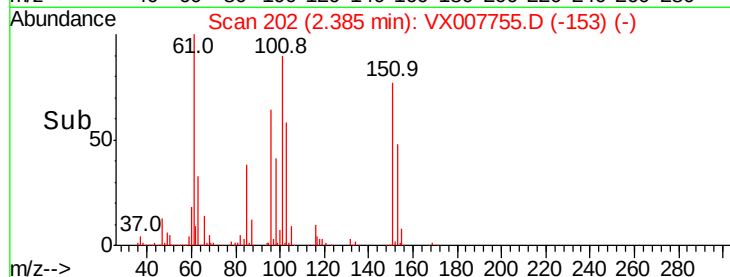
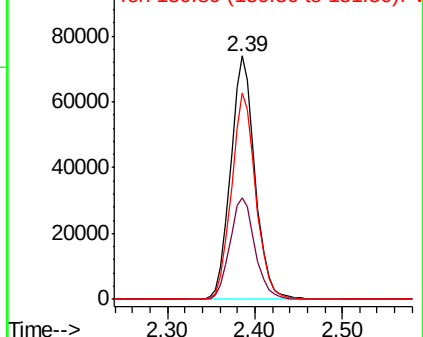
151 84.9 69.9 104.9



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: 51.782 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

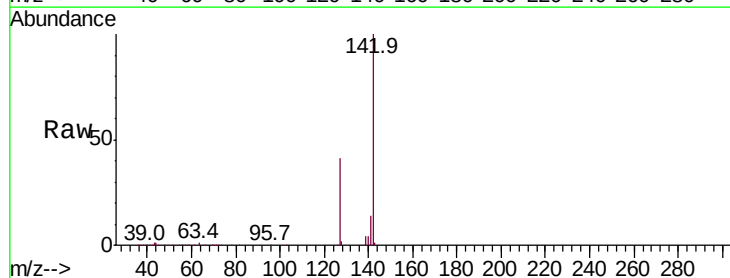
Tgt Ion:142 Resp: 198768

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

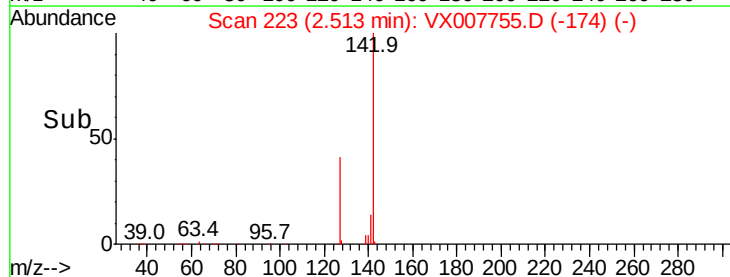
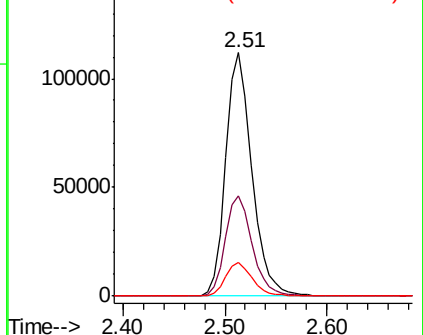
141 14.2 11.3 16.9

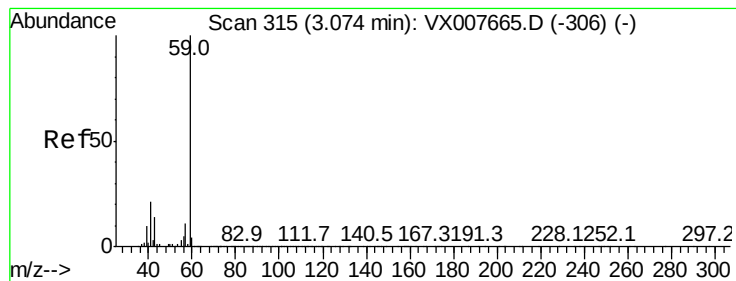


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



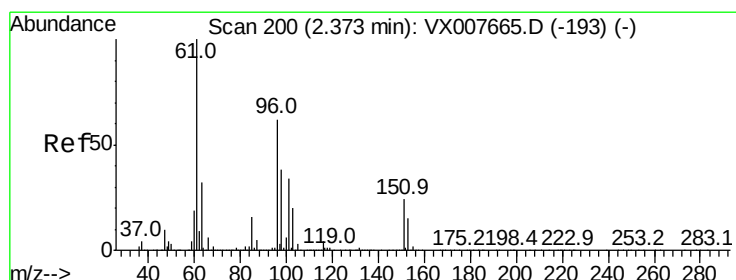
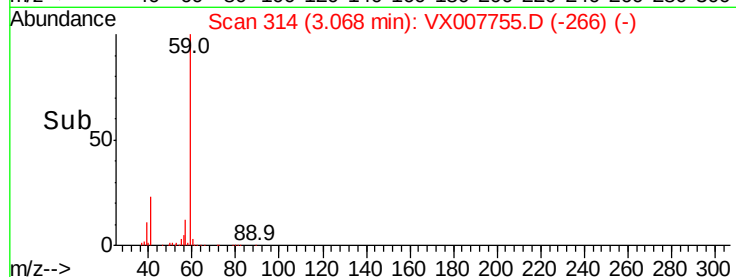
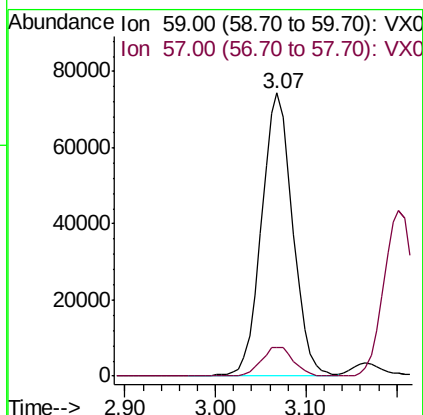
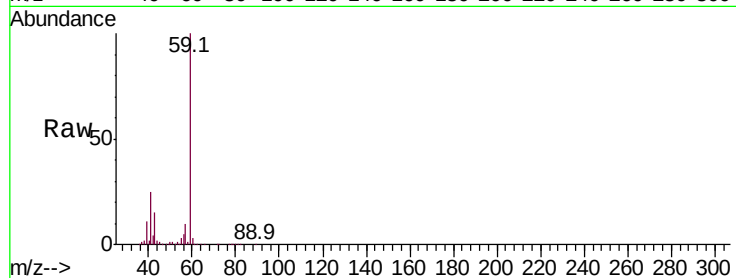


#11

Tert butyl alcohol
 Concen: 236.335 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

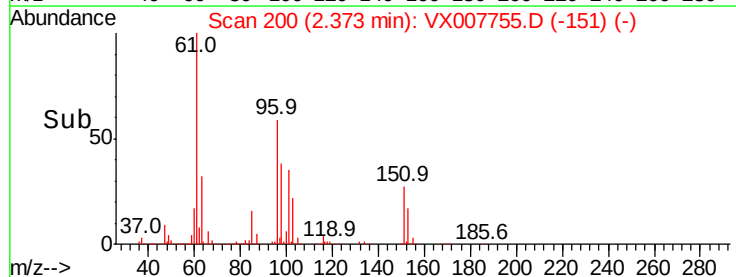
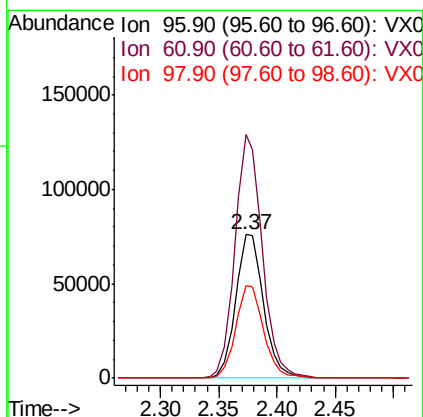
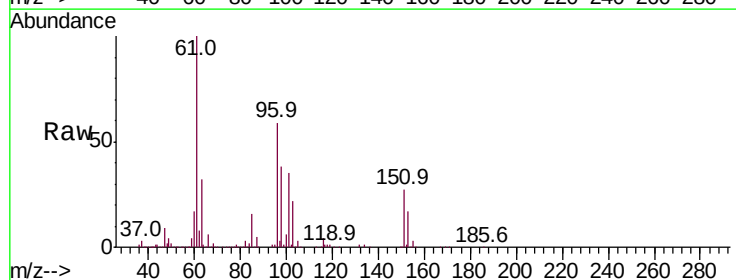
Tot Ion: 59 Resp: 176448
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.1 12.1

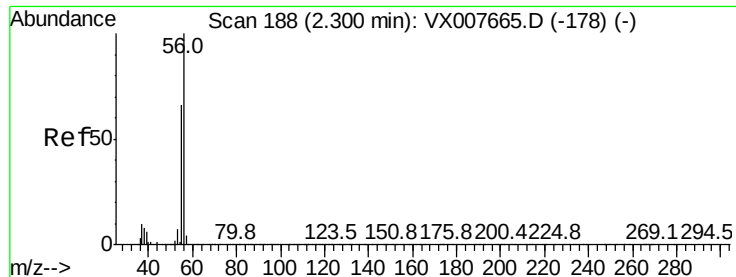


#12

1,1-Dichloroethene
 Concen: 45.484 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion: 96 Resp: 126390
 Ion Ratio Lower Upper
 96 100
 61 169.9 123.0 184.4
 98 64.2 50.9 76.3





#13

Acrolein

Concen: 213.568 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

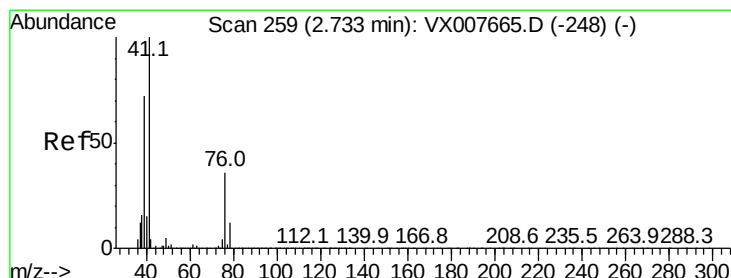
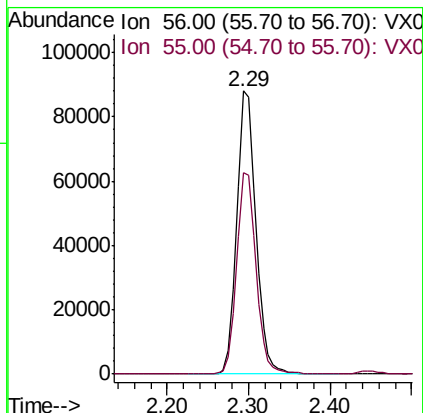
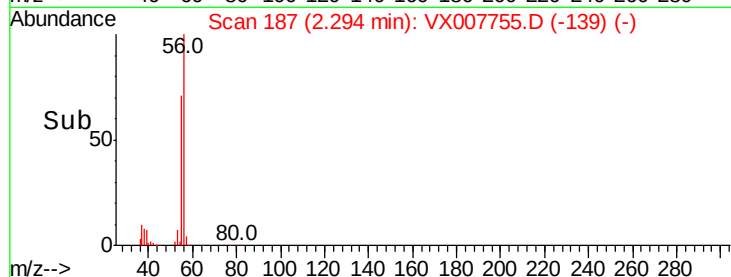
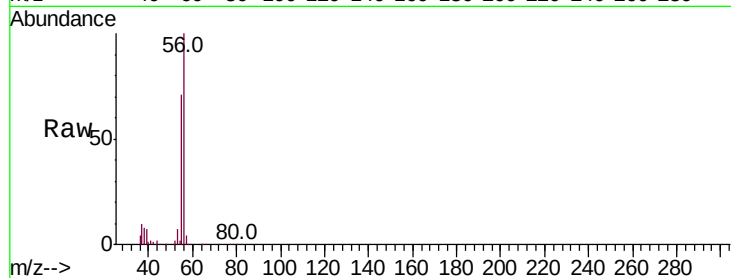
VSTDCCC050

Tot Ion: 56 Resp: 141689

Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3



#14

Allyl chloride

Concen: 51.219 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

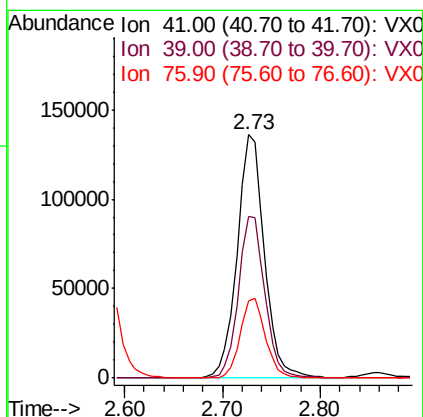
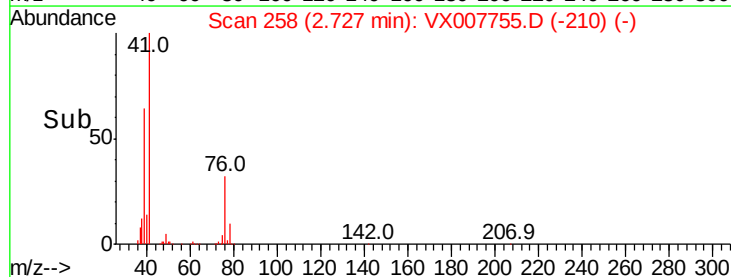
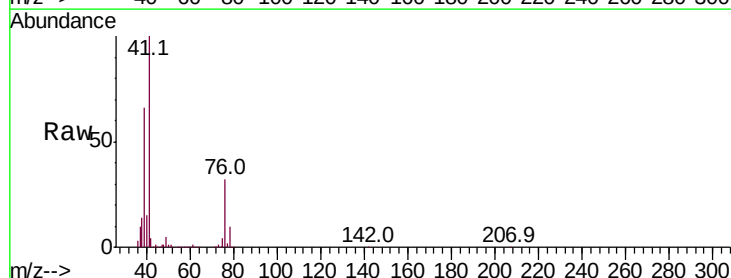
Tgt Ion: 41 Resp: 263164

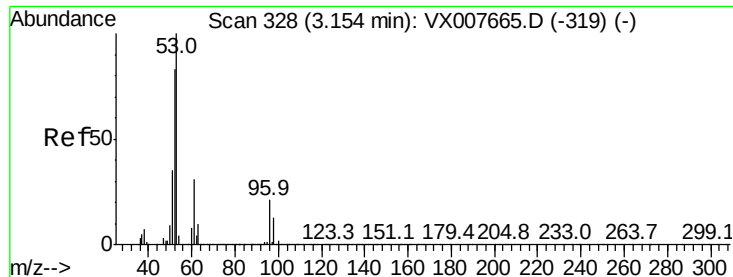
Ion Ratio Lower Upper

41 100

39 64.4 54.1 81.1

76 30.3 27.8 41.8





#15

Acrylonitrile

Concen: 245.765 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

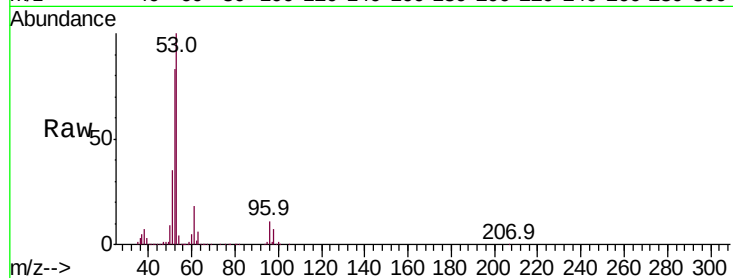
Tot Ion: 53 Resp: 431803

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

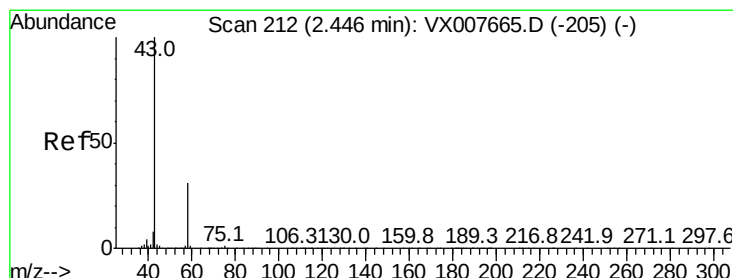
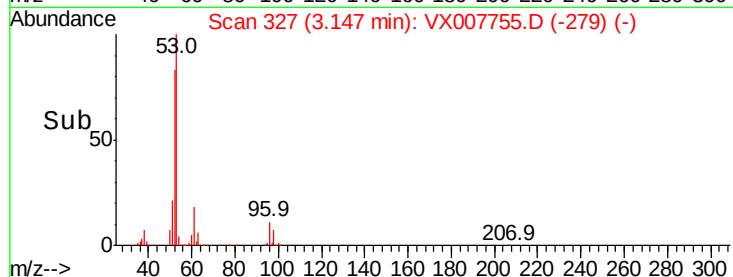
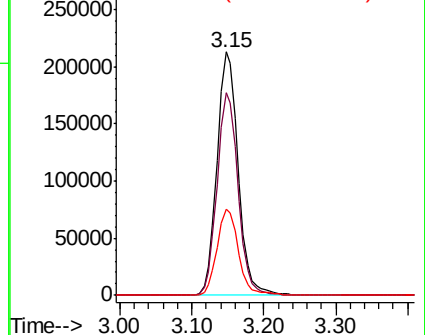
51 36.3 28.4 42.6



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: 289.424 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007755.D

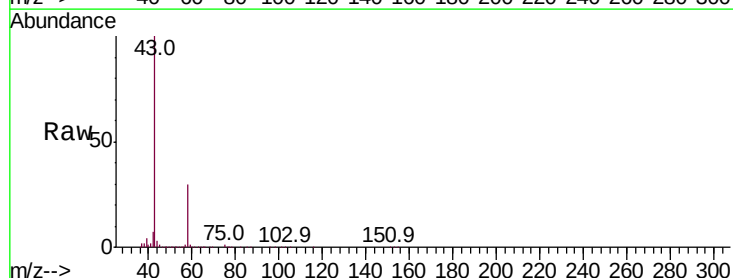
Acq: 28 Feb 2019 09:50

Tgt Ion: 43 Resp: 506458

Ion Ratio Lower Upper

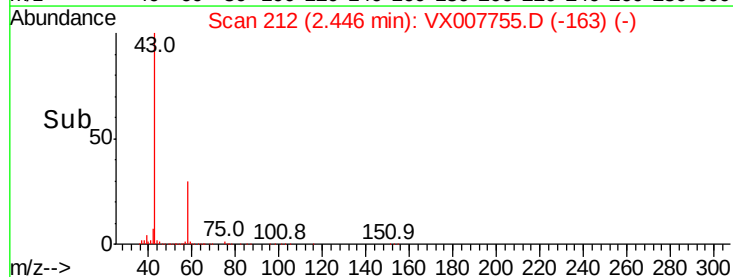
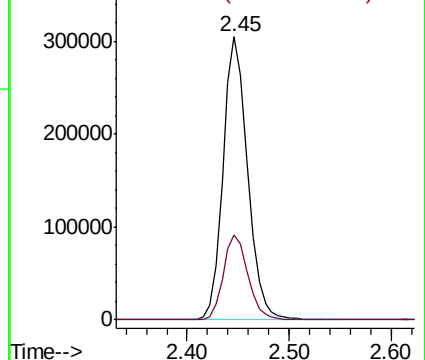
43 100

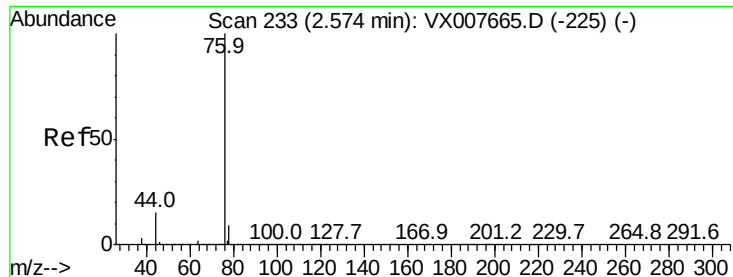
58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.377 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

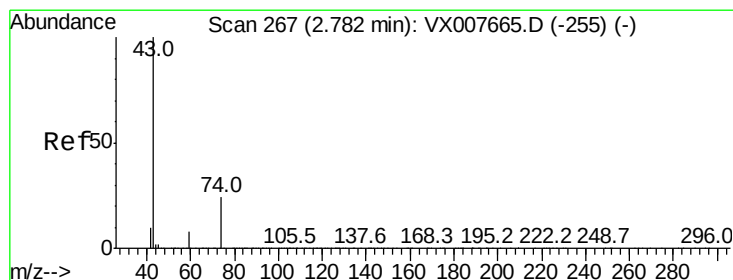
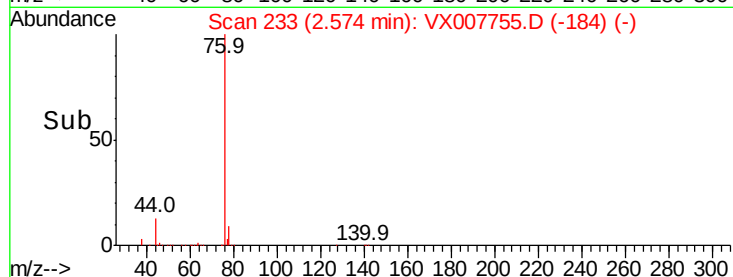
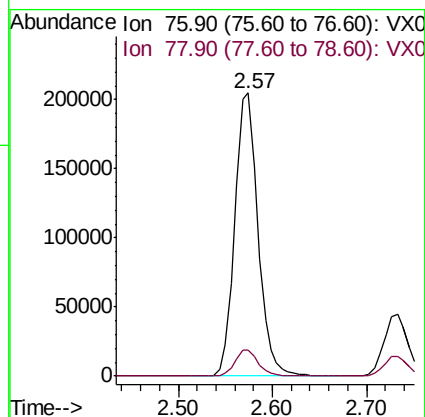
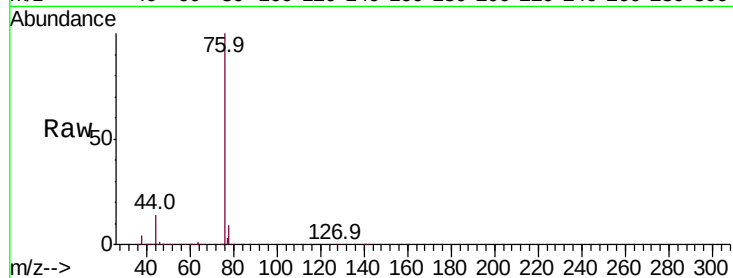
VSTDCCC050

Tot Ion: 76 Resp: 350794

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 51.982 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007755.D

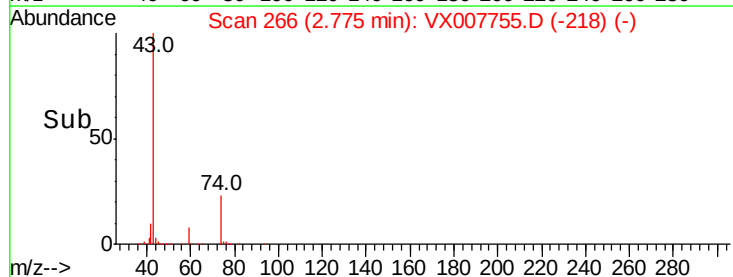
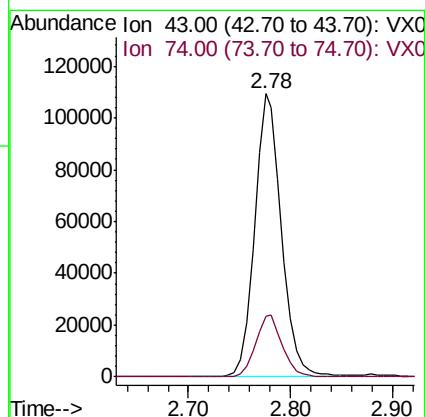
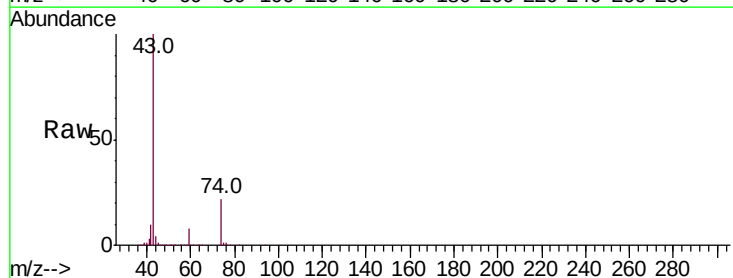
Acq: 28 Feb 2019 09:50

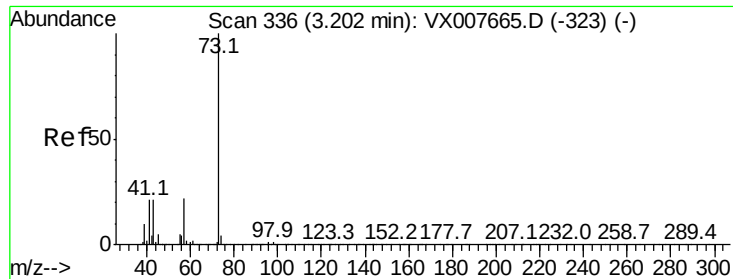
Tgt Ion: 43 Resp: 198488

Ion Ratio Lower Upper

43 100

74 22.3 19.4 29.2

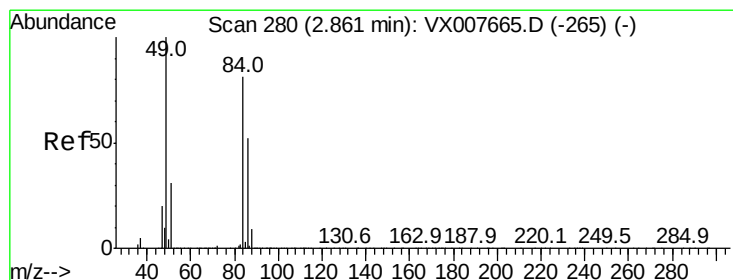
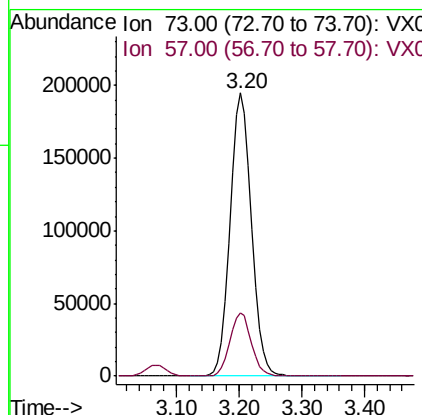
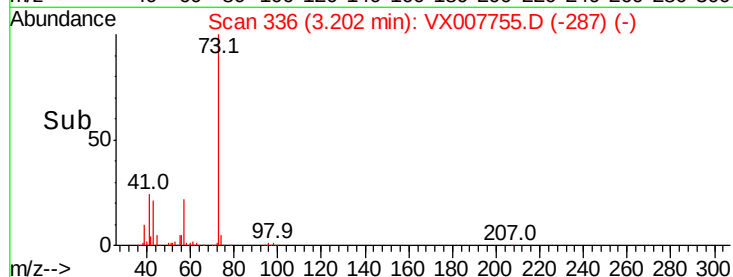
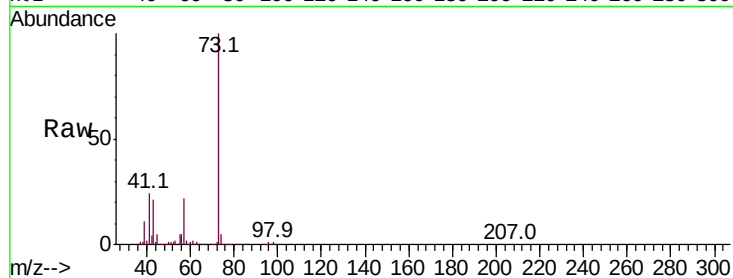




#19
Methyl tert-butyl Ether
Concen: 47.259 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

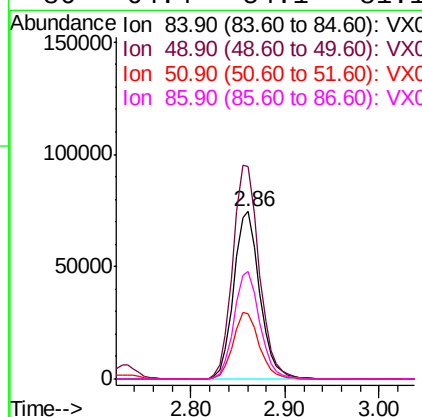
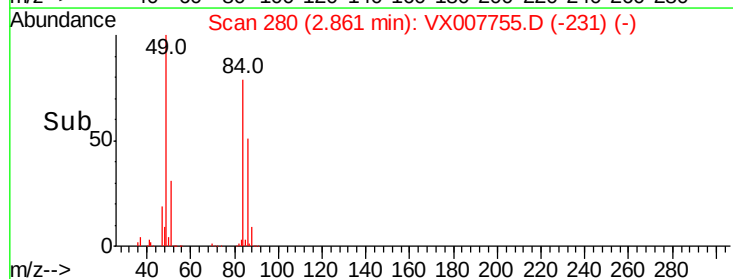
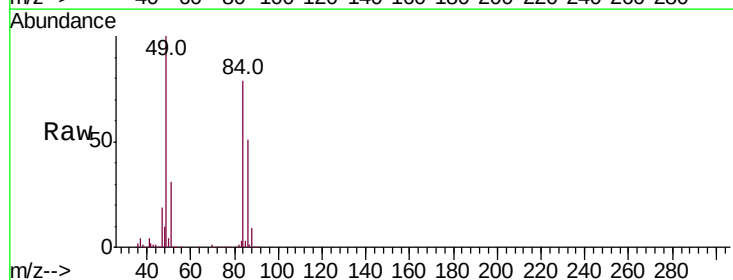
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

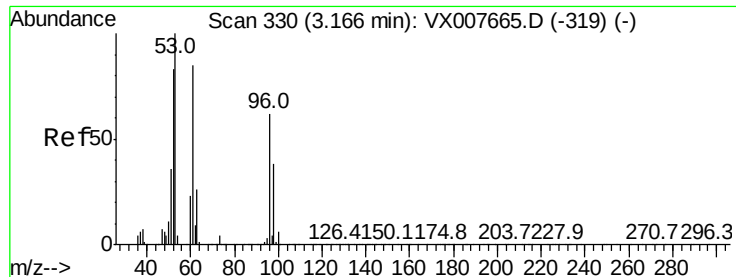
Tot Ion: 73 Resp: 457307
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 44.310 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 84 Resp: 143175
Ion Ratio Lower Upper
84 100
49 126.8 94.8 142.2
51 39.2 29.8 44.8
86 64.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 45.258 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

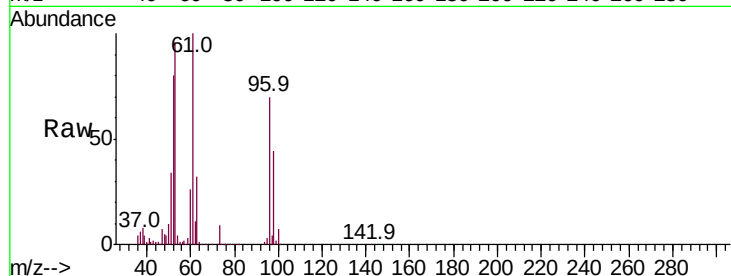
Tot Ion: 96 Resp: 136720

Ion Ratio Lower Upper

96 100

61 142.8 104.6 156.8

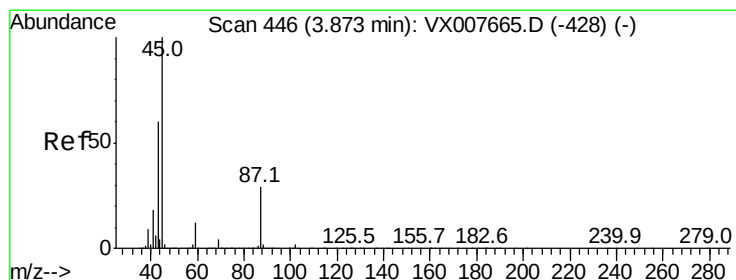
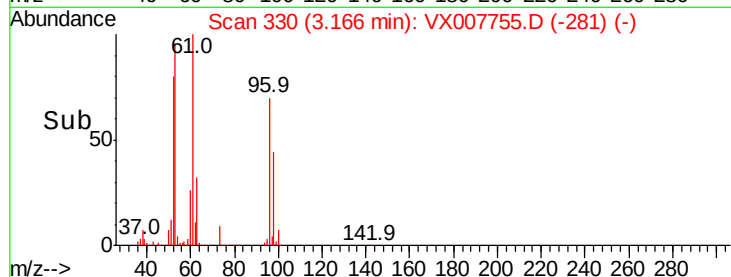
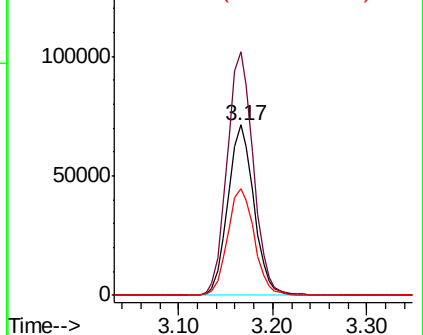
98 62.6 51.0 76.4



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: 46.918 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion: 45 Resp: 501829

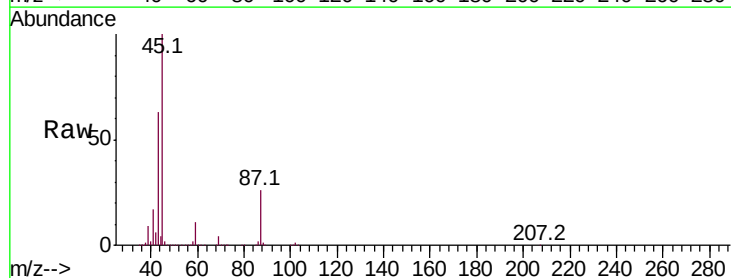
Ion Ratio Lower Upper

45 100

43 63.2 48.9 73.3

87 26.4 23.9 35.9

59 11.4 9.6 14.4

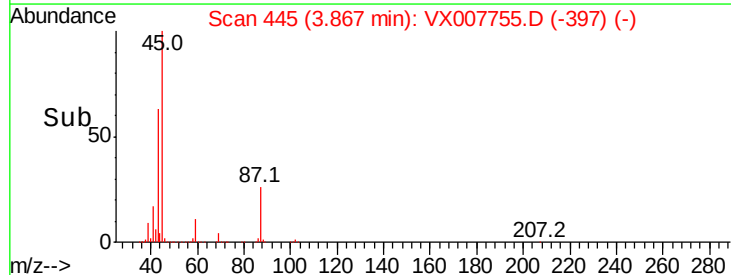
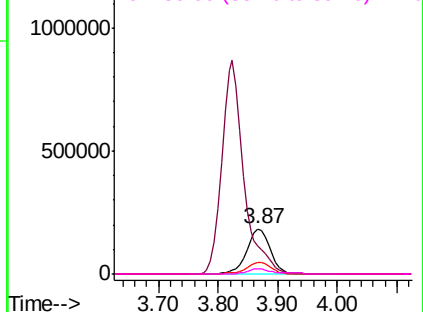


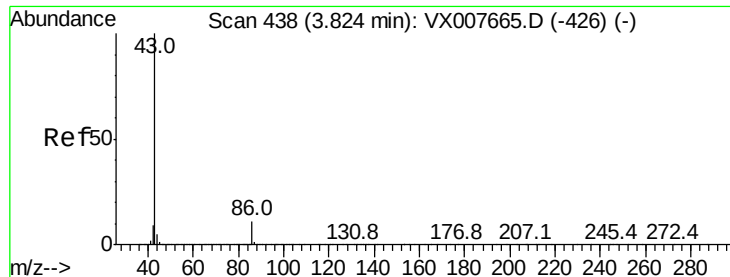
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.130 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

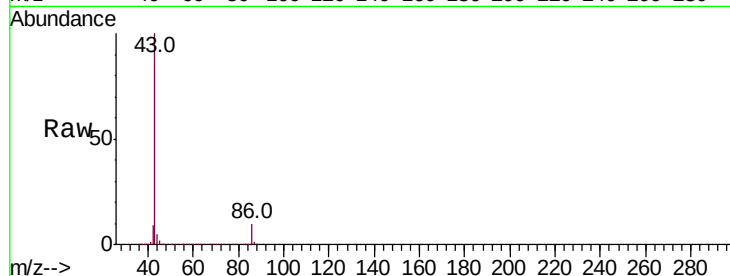
VSTDCCC050

Tot Ion: 43 Resp: 2225229

Ion Ratio Lower Upper

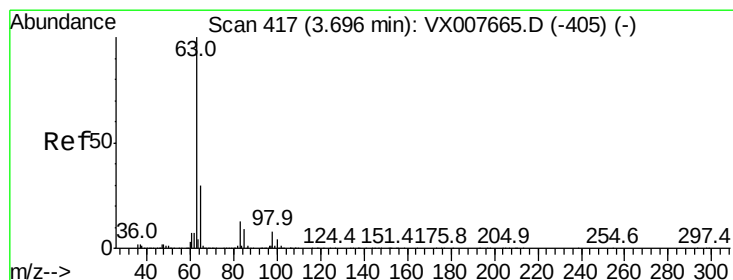
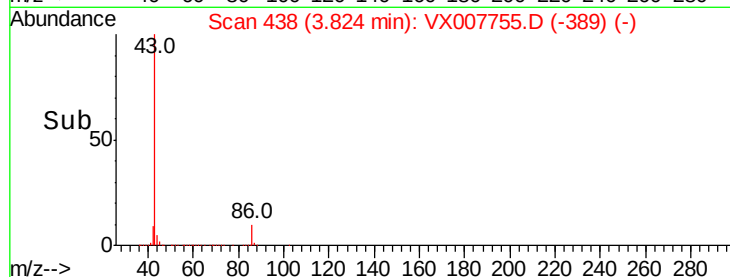
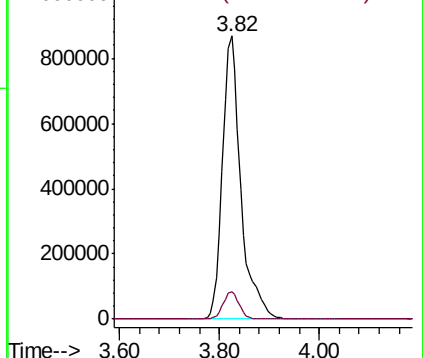
43 100

86 9.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.542 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

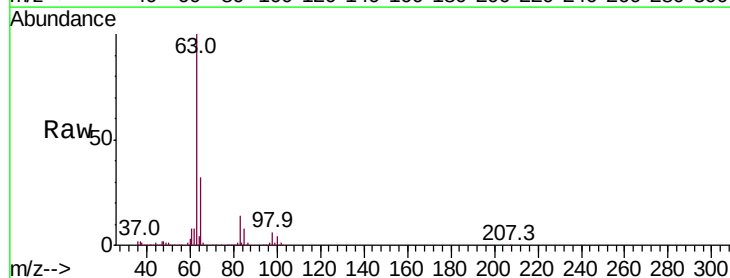
Tgt Ion: 63 Resp: 264732

Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.8

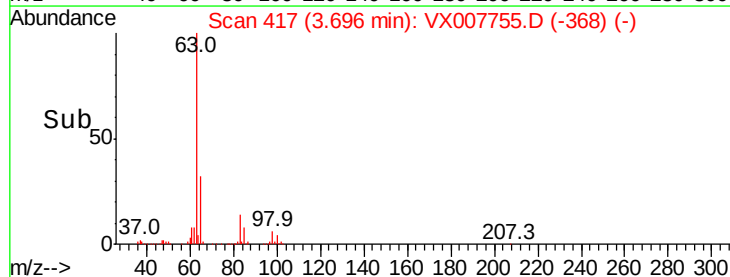
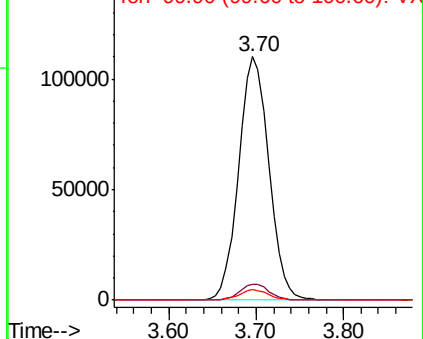
100 4.3 2.5 7.4

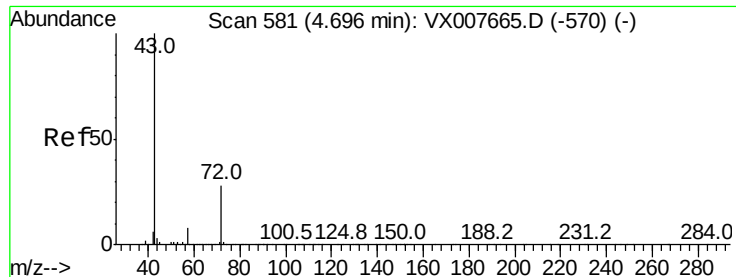


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 272.673 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

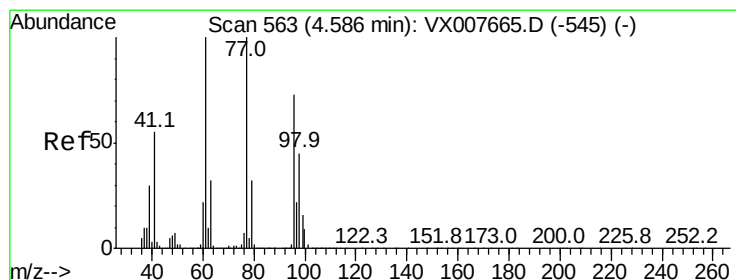
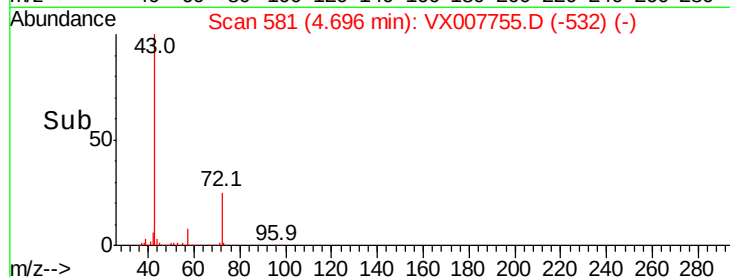
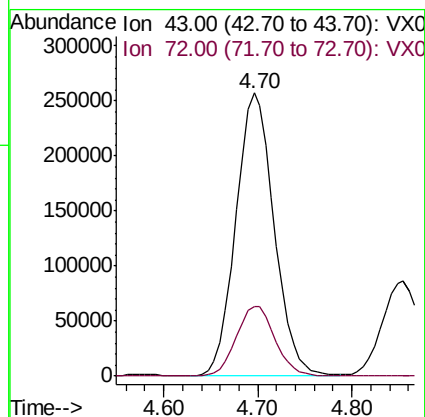
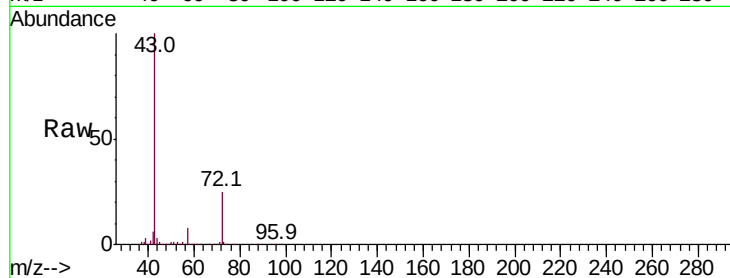
VSTDCCC050

Tot Ion: 43 Resp: 726815

Ion Ratio Lower Upper

43 100

72 24.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 48.149 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007755.D

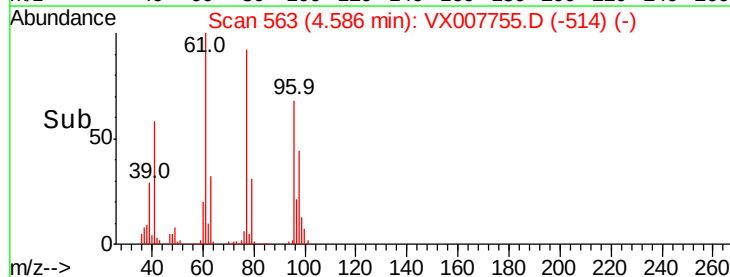
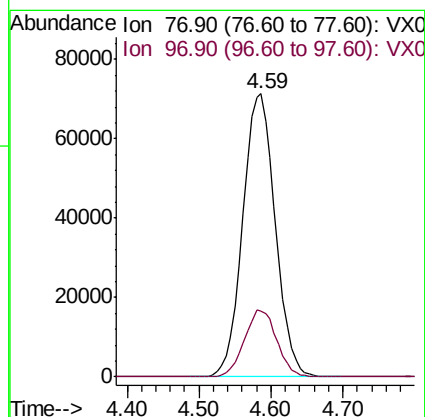
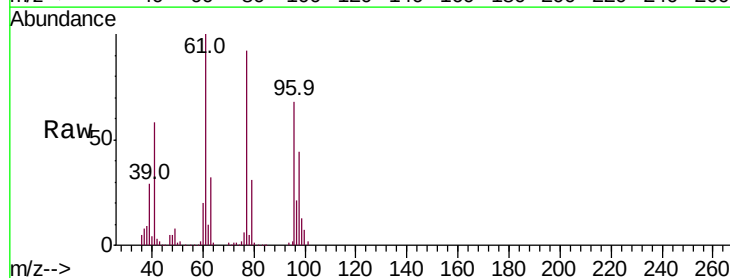
Acq: 28 Feb 2019 09:50

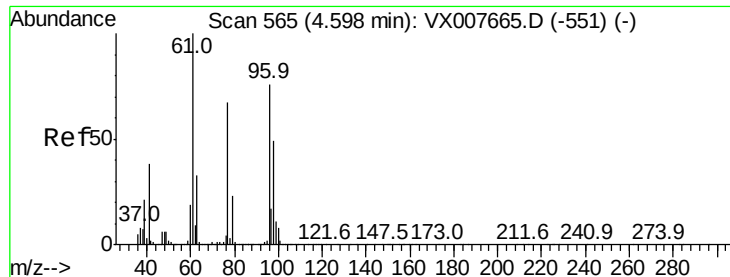
Tgt Ion: 77 Resp: 223416

Ion Ratio Lower Upper

77 100

97 23.6 12.1 36.3



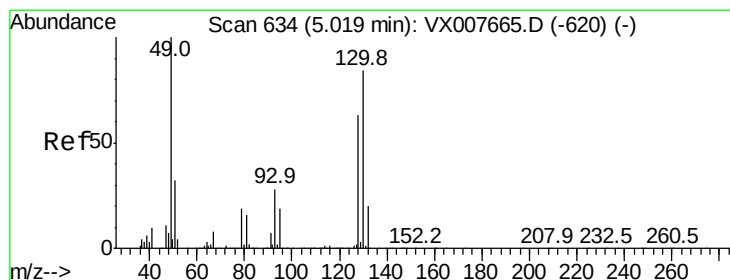
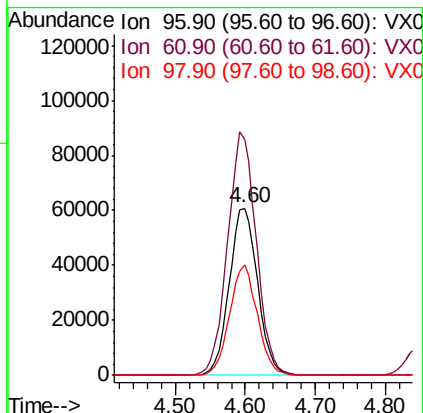
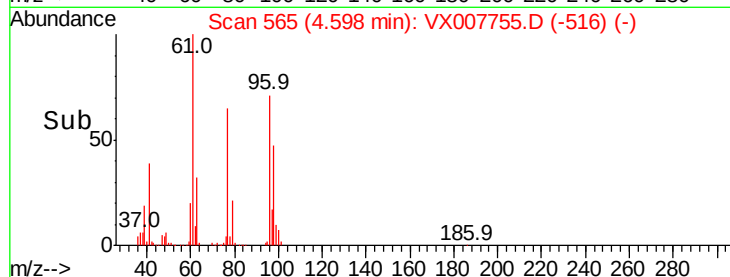
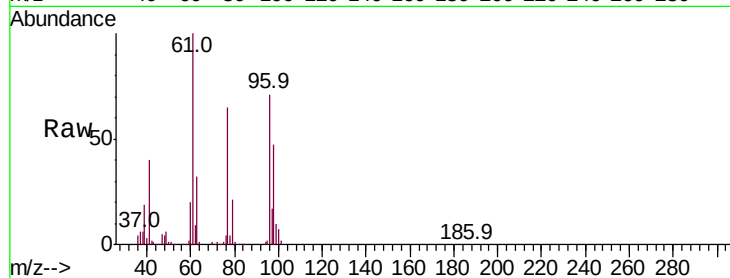


#27

cis-1,2-Dichloroethene
Concen: 44.446 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

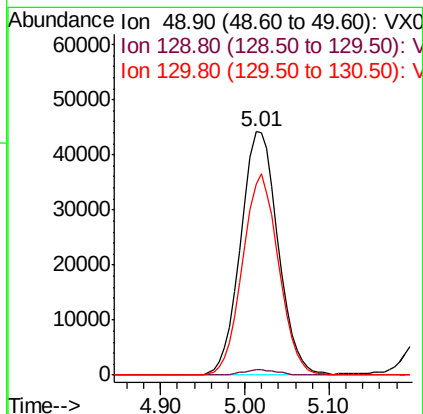
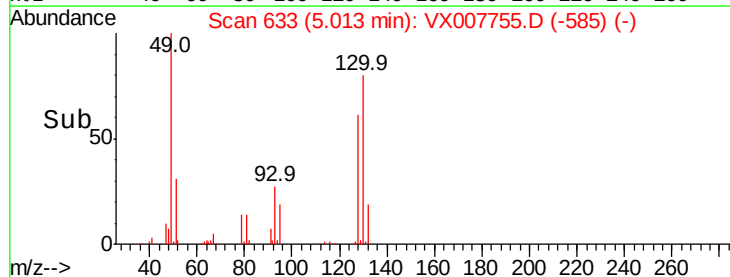
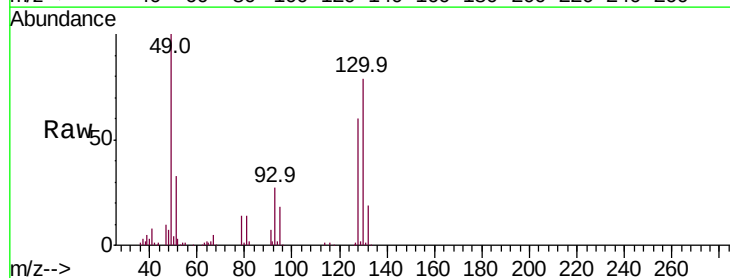
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	265.6
98	64.8	0.0	131.6

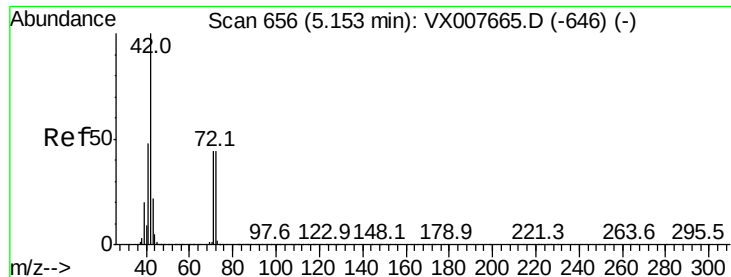


#28

Bromochloromethane
Concen: 47.153 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	79.8	75.6	113.4





#29

Tetrahydrofuran

Concen: 248.459 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

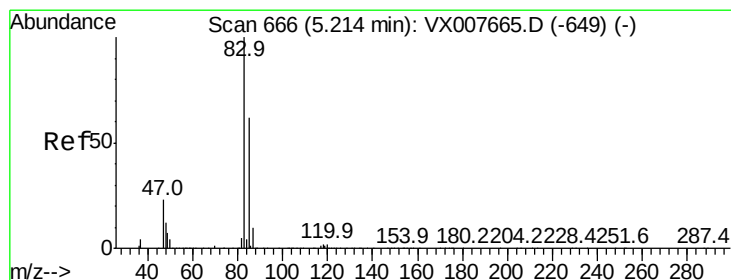
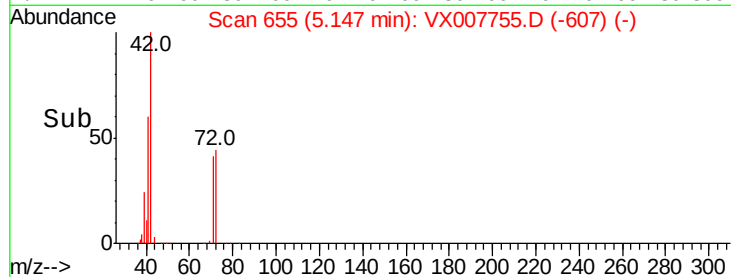
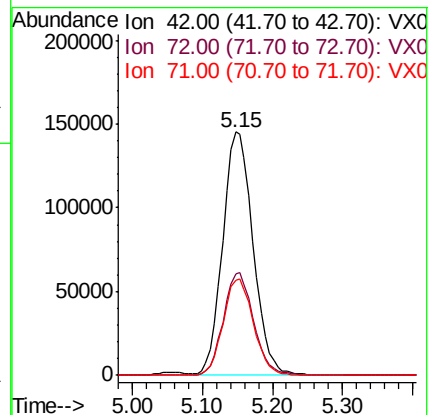
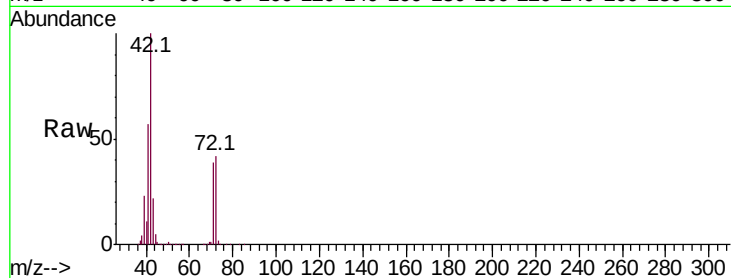
Tot Ion: 42 Resp: 436553

Ion Ratio Lower Upper

42 100

72 42.2 37.6 56.4

71 39.6 34.6 51.8



#30

Chloroform

Concen: 45.485 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007755.D

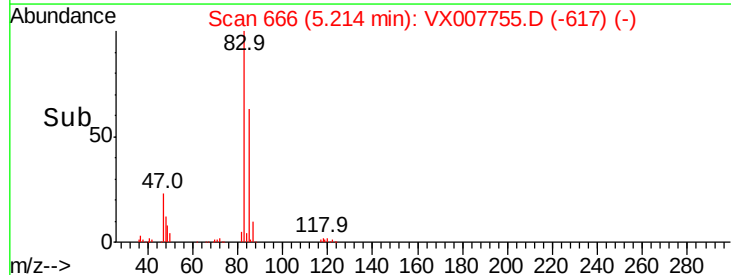
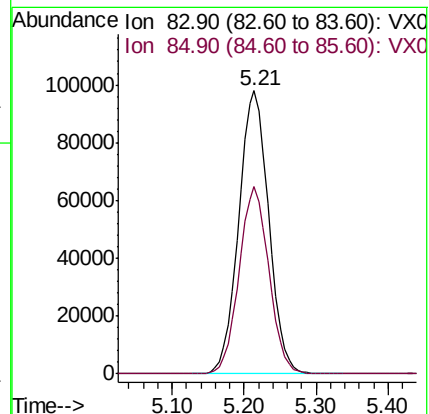
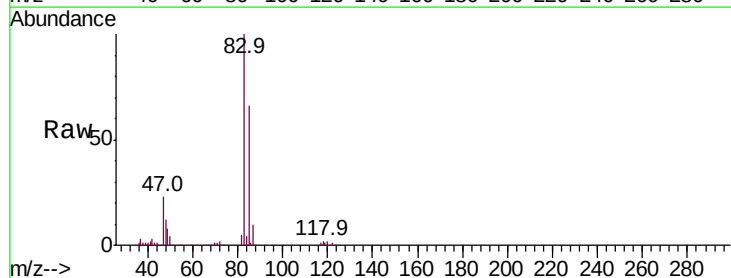
Acq: 28 Feb 2019 09:50

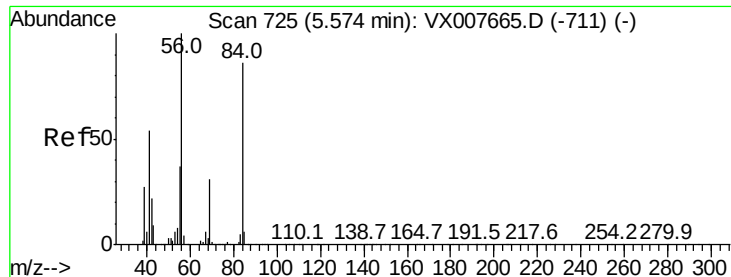
Tgt Ion: 83 Resp: 283216

Ion Ratio Lower Upper

83 100

85 66.0 51.6 77.4

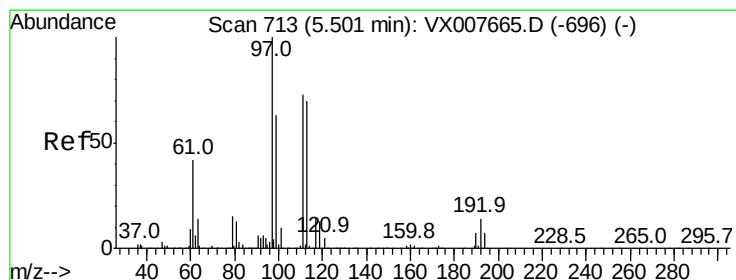
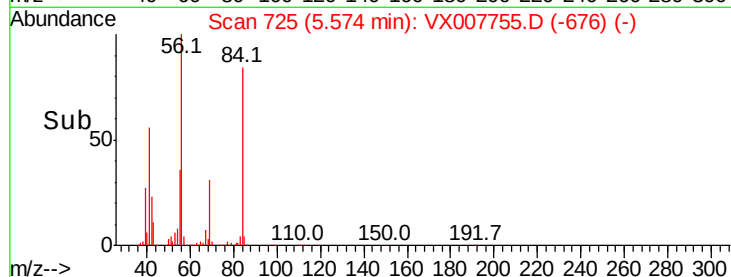
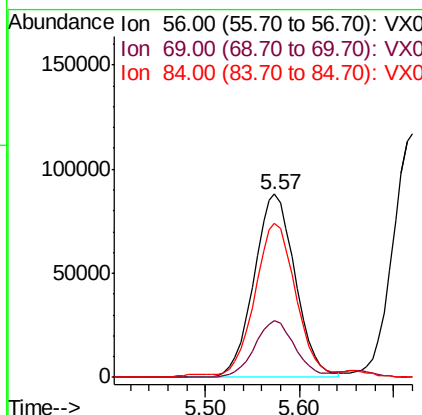
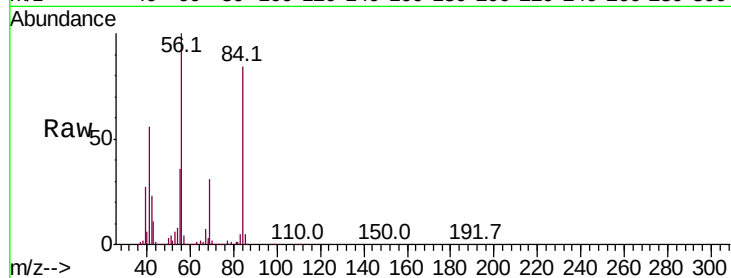




#31
Cyclohexane
Concen: 49.140 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

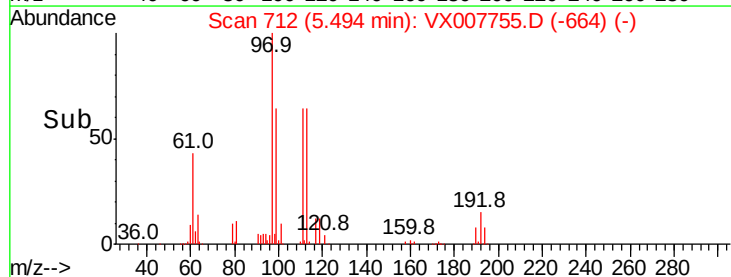
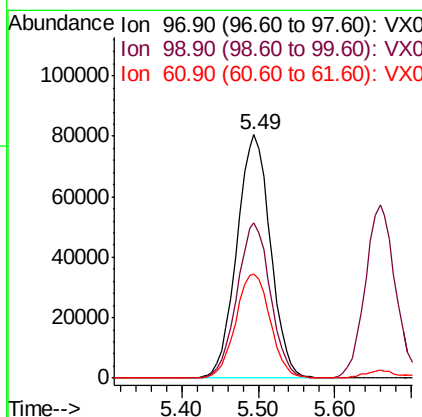
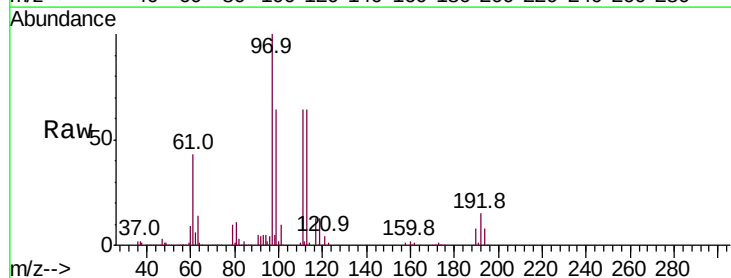
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

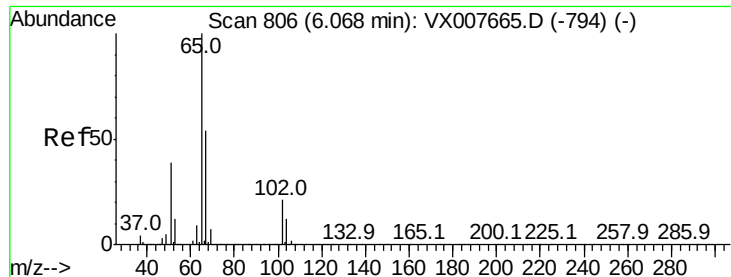
Tot Ion: 56 Resp: 268691
Ion Ratio Lower Upper
56 100
69 31.1 23.0 34.6
84 83.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 47.607 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 97 Resp: 245155
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 44.1 32.7 49.1

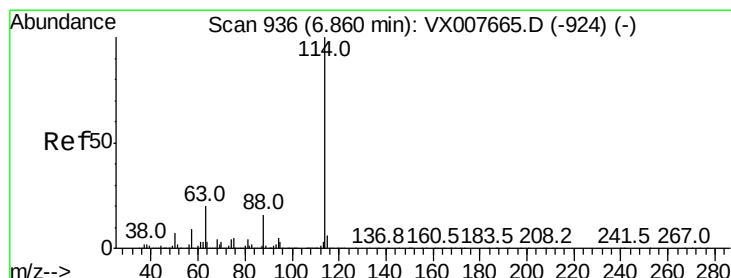
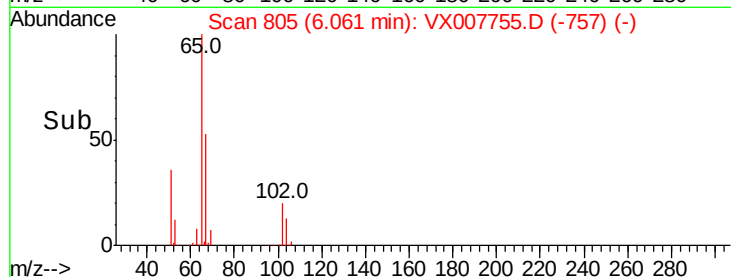
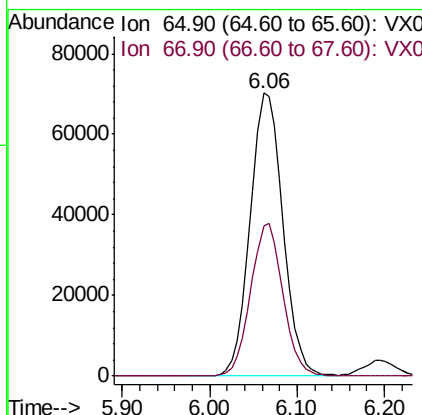
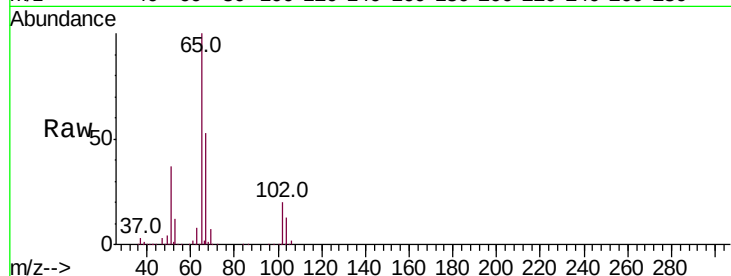




#33
 1,2-Dichloroethane-d4
 Concen: 46.709 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

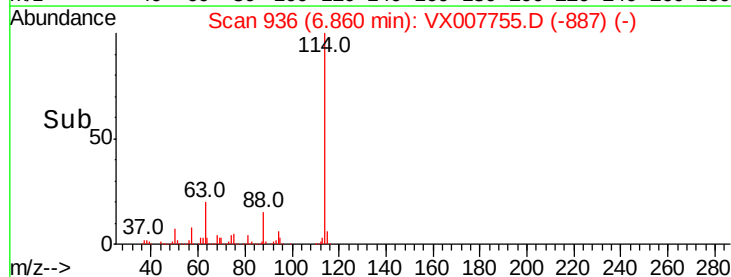
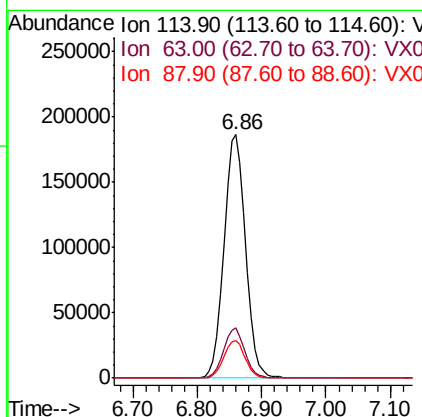
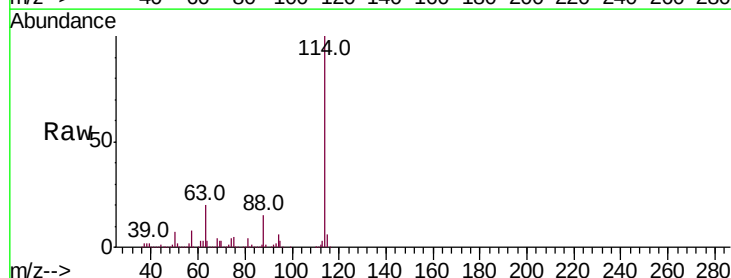
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

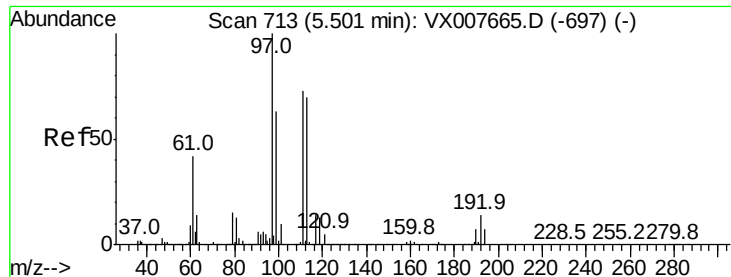
Tot Ion: 65 Resp: 183798
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion: 114 Resp: 441485
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.6
 88 15.4 0.0 29.6

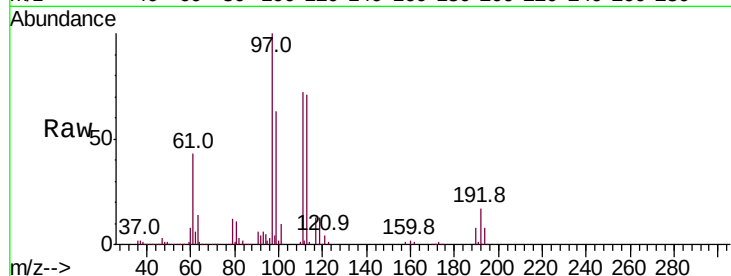




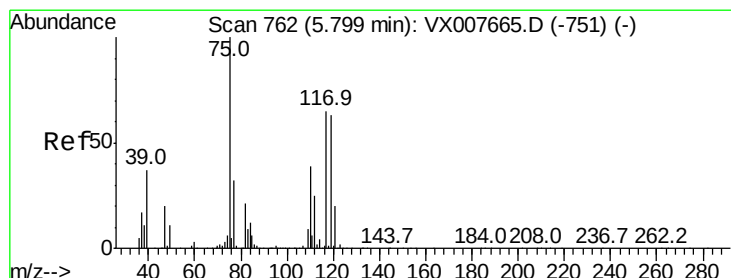
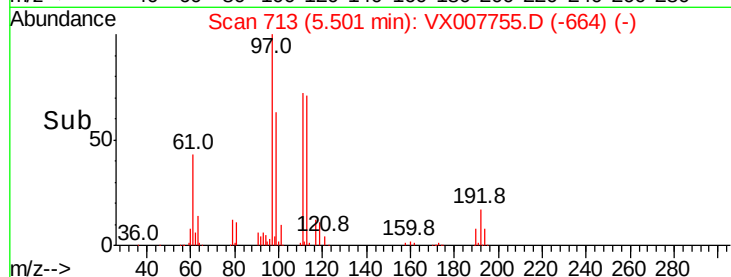
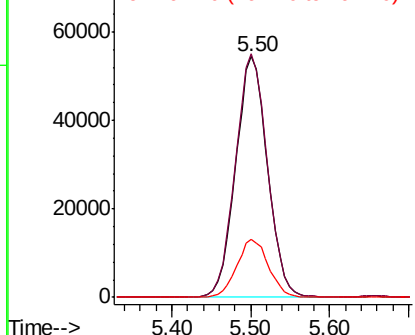
#35
 Dibromofluoromethane
 Concen: 51.611 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	24.0	18.5	27.7

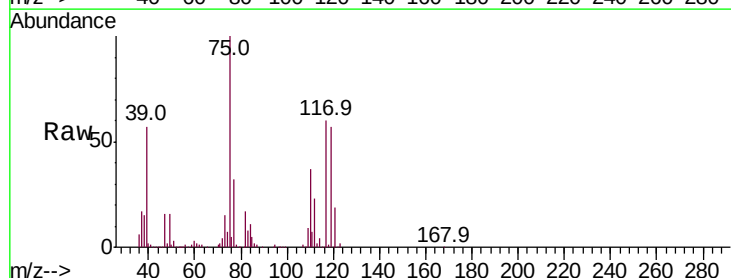


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

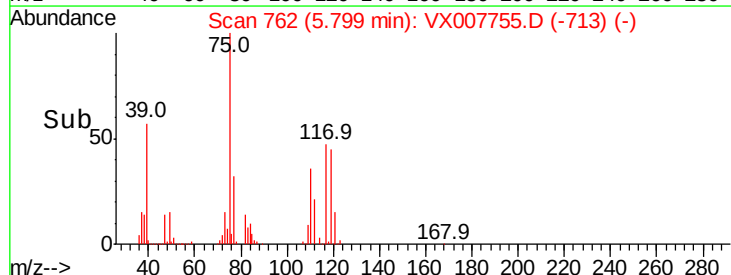
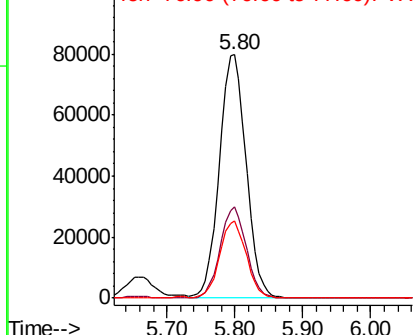


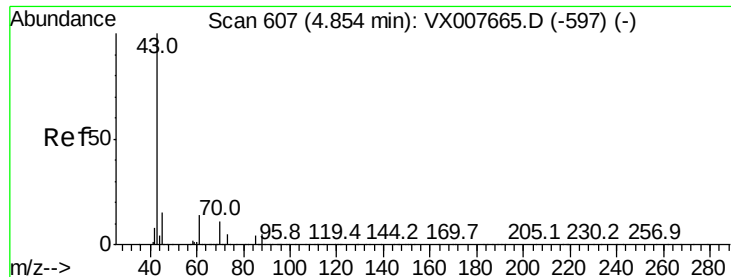
#36
 1,1-Dichloropropene
 Concen: 54.966 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	20.0	59.9
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 56.932 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

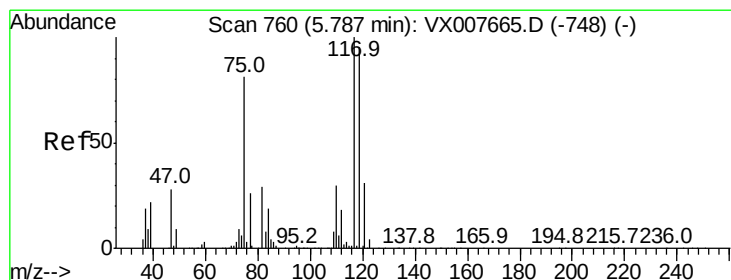
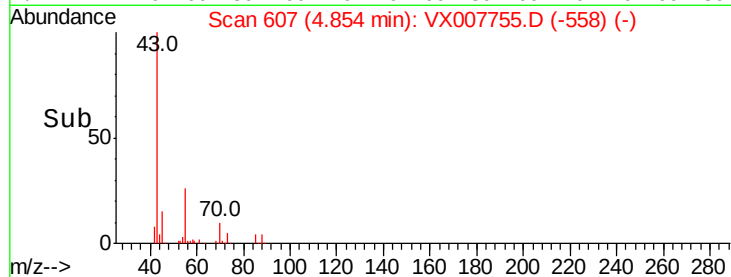
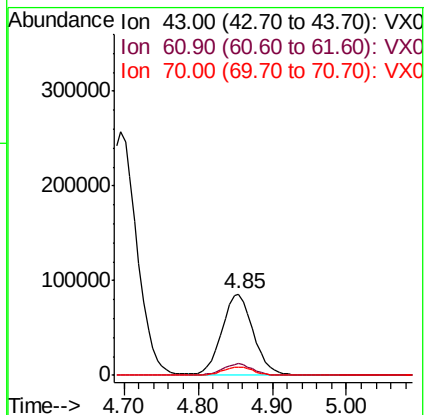
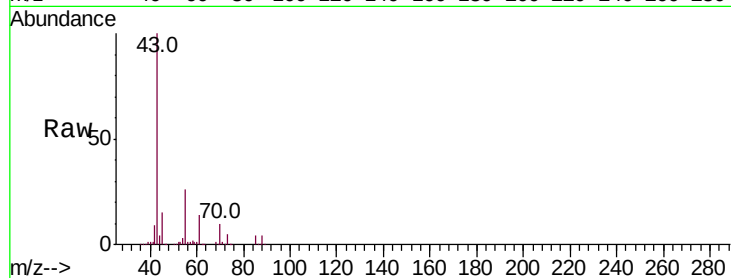
Tot Ion: 43 Resp: 251015

Ion Ratio Lower Upper

43 100

61 13.6 11.3 16.9

70 10.3 8.6 13.0



#38

Carbon Tetrachloride

Concen: 54.170 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

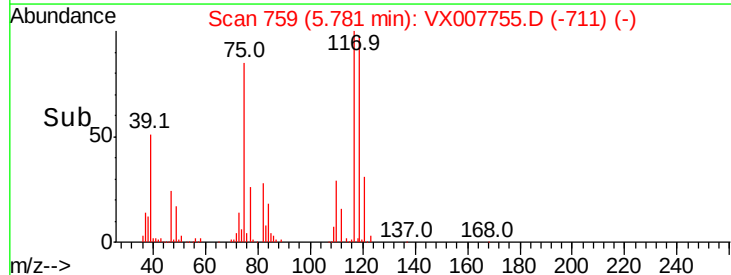
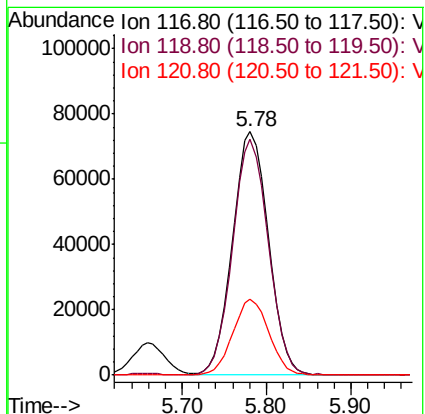
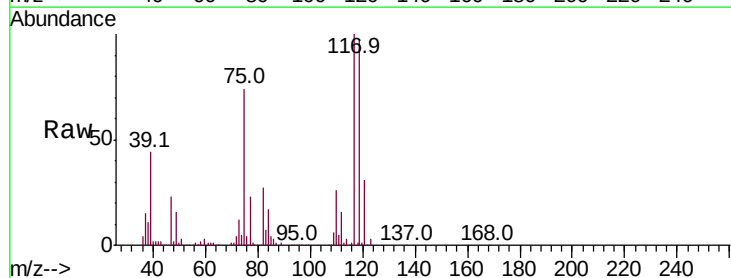
Tgt Ion: 117 Resp: 215975

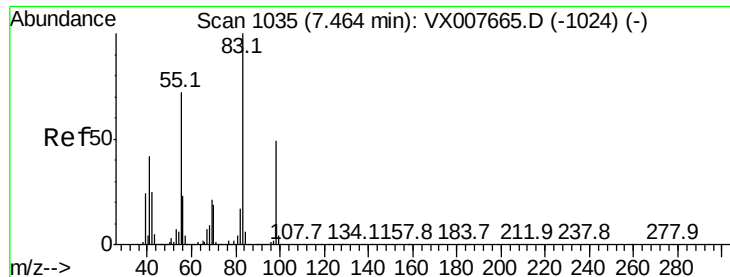
Ion Ratio Lower Upper

117 100

119 96.9 75.3 112.9

121 31.4 25.0 37.4

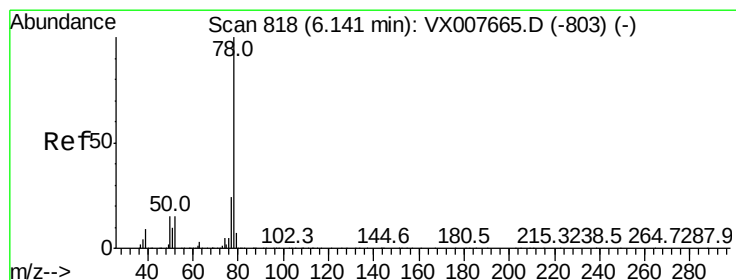
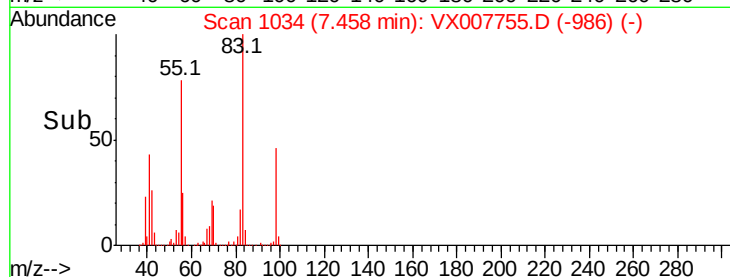
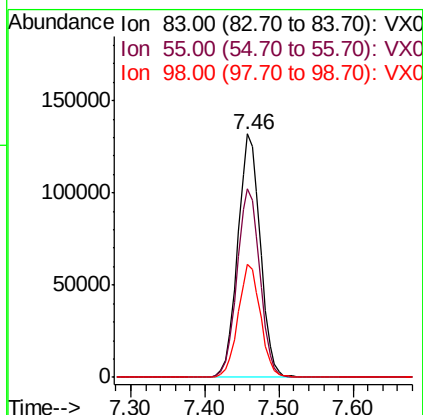
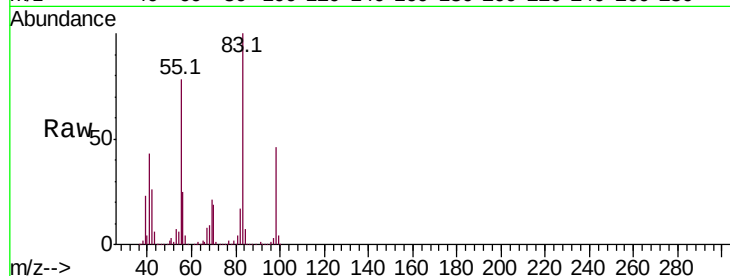




#39
Methylvlcyclohexane
Concen: 55.872 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

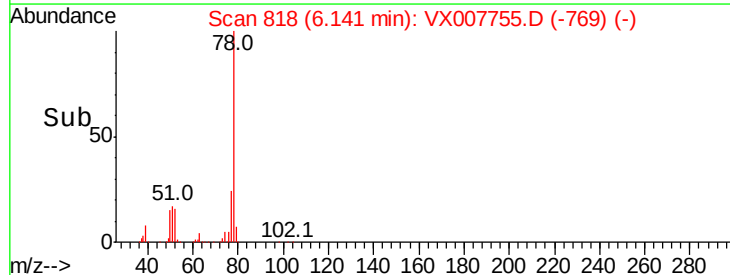
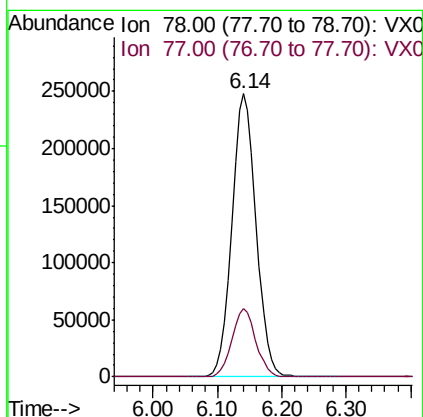
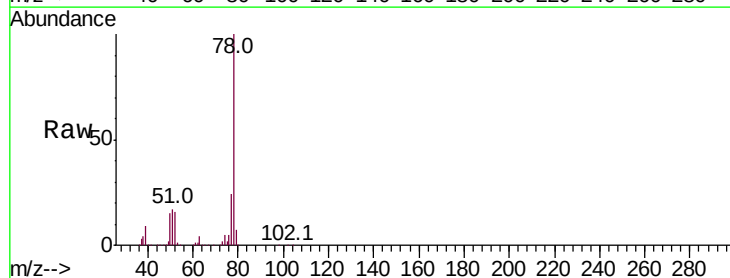
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

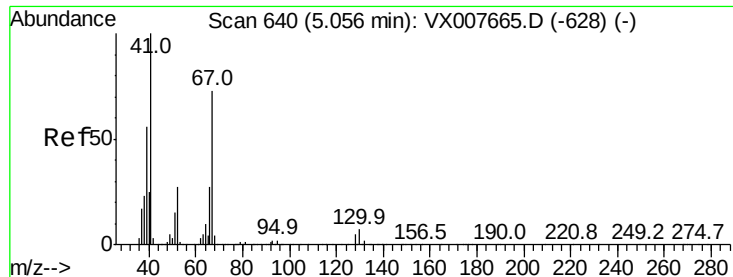
Tot Ion	83	Resp	280277
Ion Ratio	100	Lower	Upper
55	77.7	56.2	84.2
98	46.3	36.8	55.2



#40
Benzene
Concen: 52.893 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	78	Resp	648068
Ion Ratio	100	Lower	Upper
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 60.549 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 142554

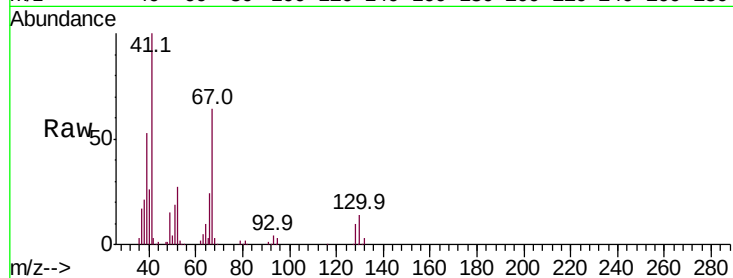
Ion Ratio Lower Upper

41 100

39 53.9 44.5 66.7

67 67.8 60.4 90.6

52 27.5 24.1 36.1

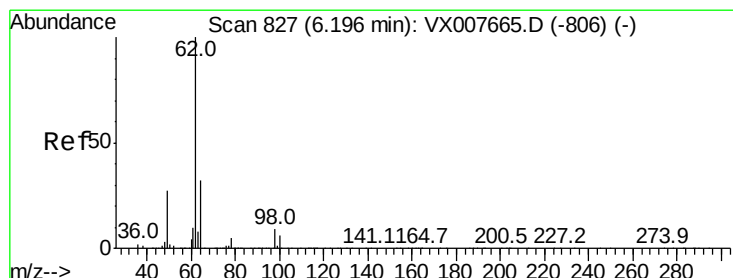
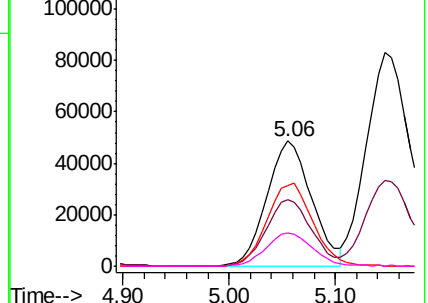
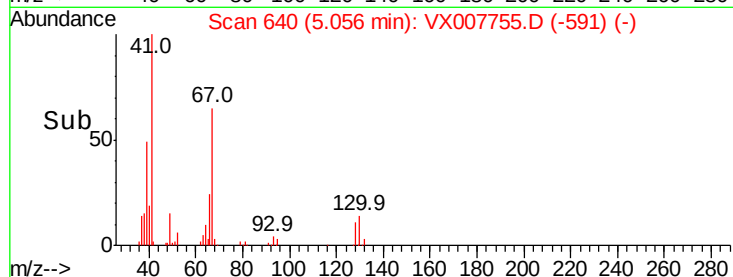


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.588 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007755.D

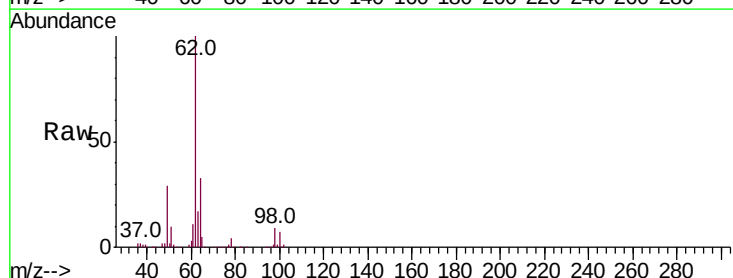
Acq: 28 Feb 2019 09:50

Tgt Ion: 62 Resp: 228918

Ion Ratio Lower Upper

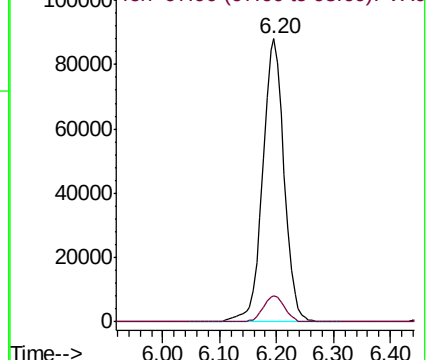
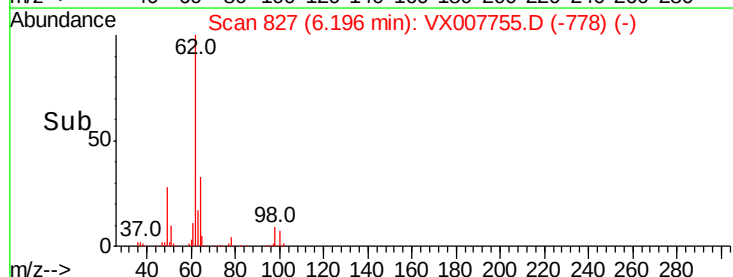
62 100

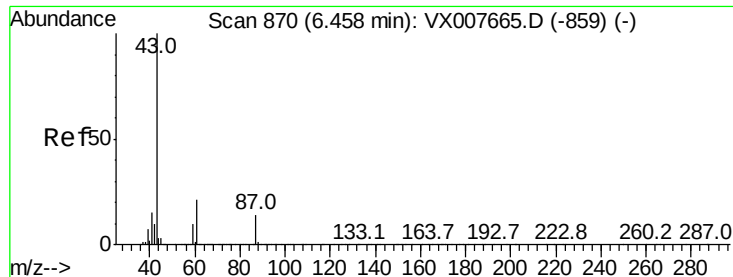
98 9.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 57.752 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

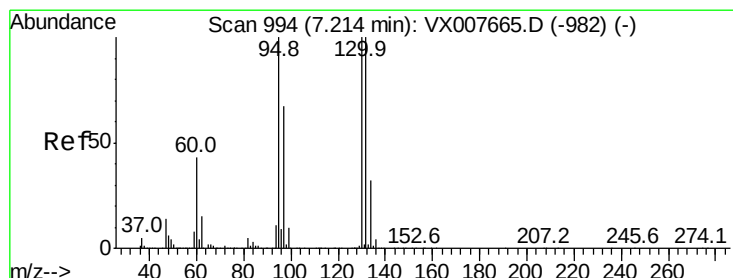
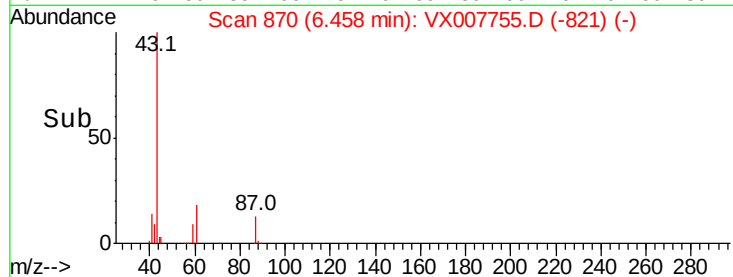
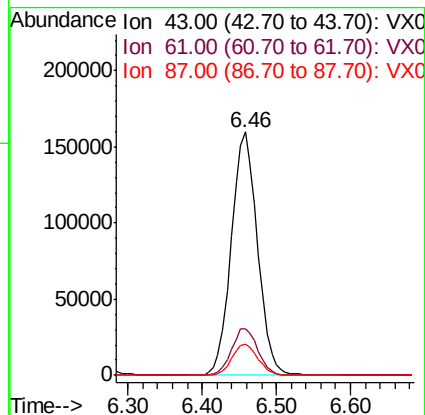
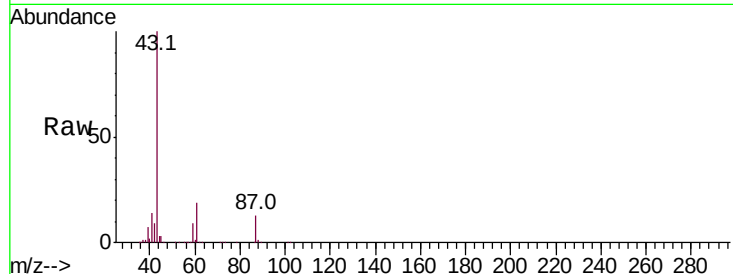
Tot Ion: 43 Resp: 391893

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

87 12.9 11.5 17.3



#44

Trichloroethene

Concen: 53.572 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007755.D

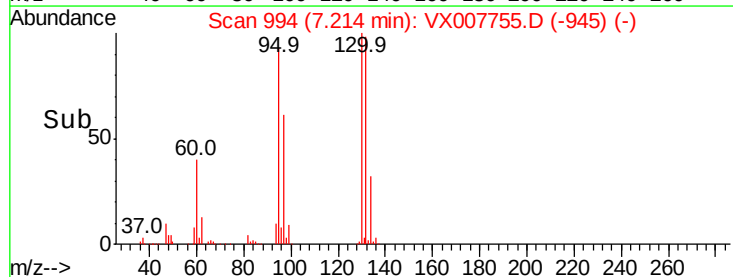
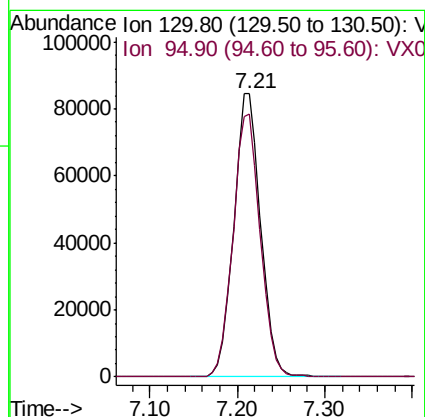
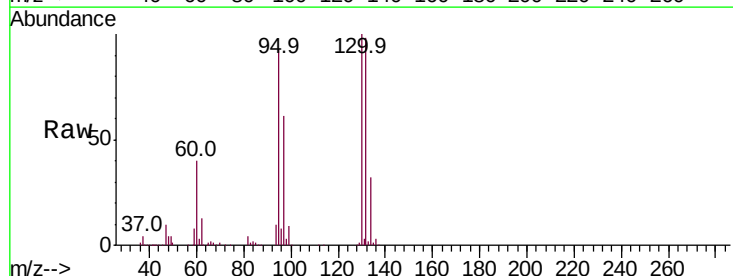
Acq: 28 Feb 2019 09:50

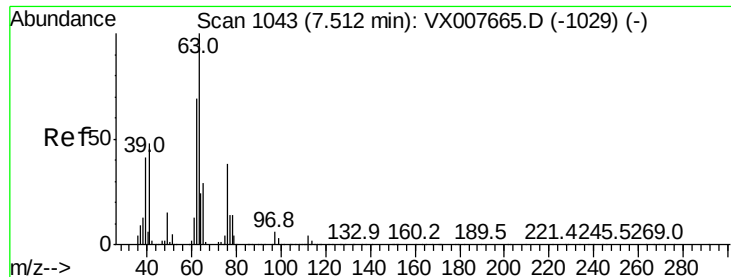
Tgt Ion:130 Resp: 180564

Ion Ratio Lower Upper

130 100

95 93.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 54.157 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

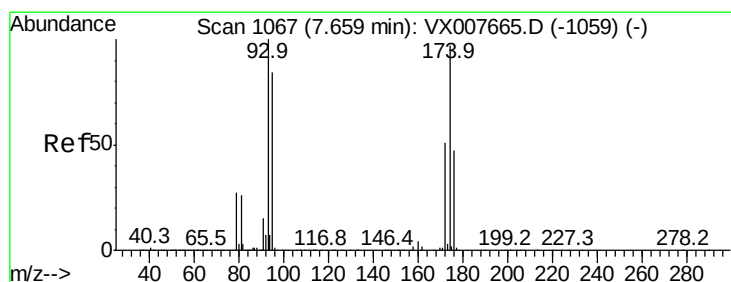
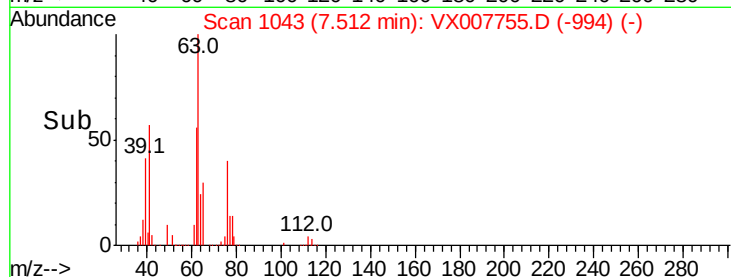
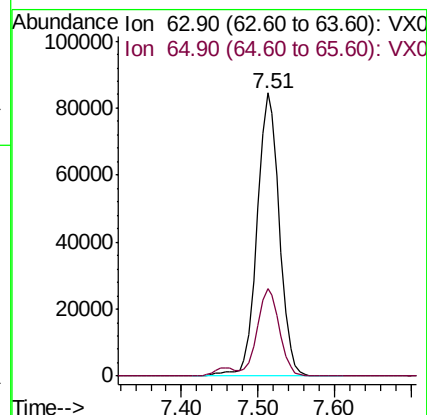
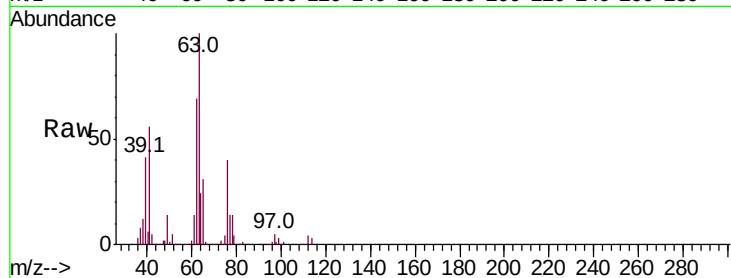
VSTDCCC050

Tot Ion: 63 Resp: 171888

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 49.624 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

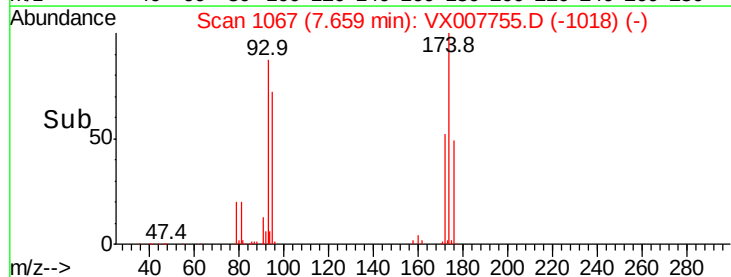
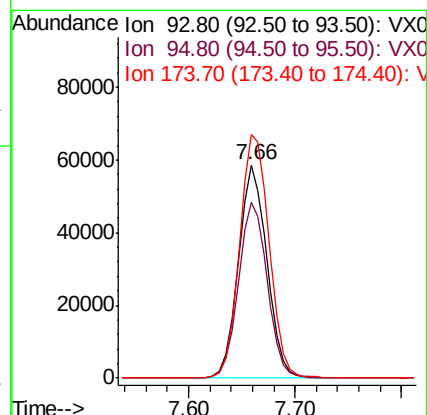
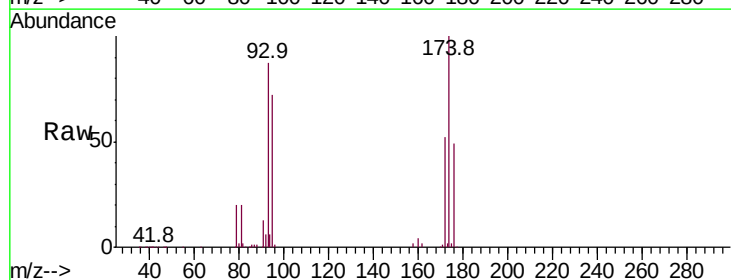
Tgt Ion: 93 Resp: 109877

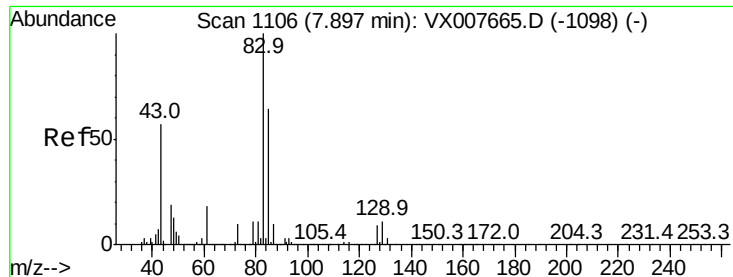
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 119.2 94.2 141.4





#47

Bromodichloromethane

Concen: 55.074 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

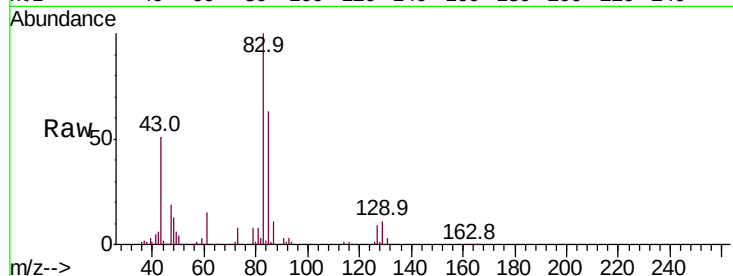
Tot Ion: 83 Resp: 211325

Ion Ratio Lower Upper

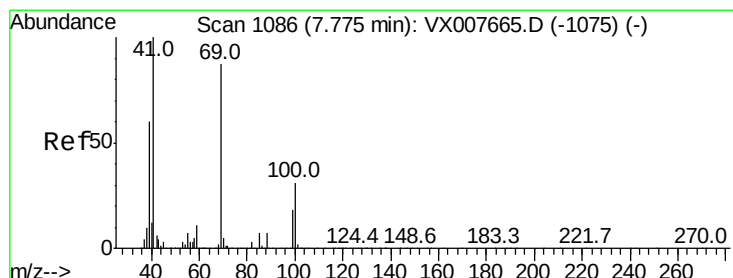
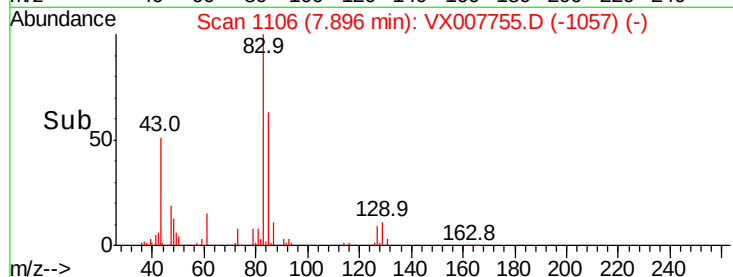
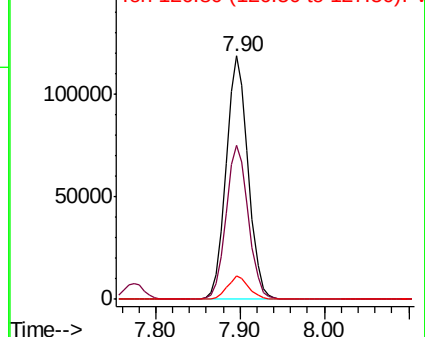
83 100

85 63.3 51.4 77.0

127 9.4 8.1 12.1



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: 59.123 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

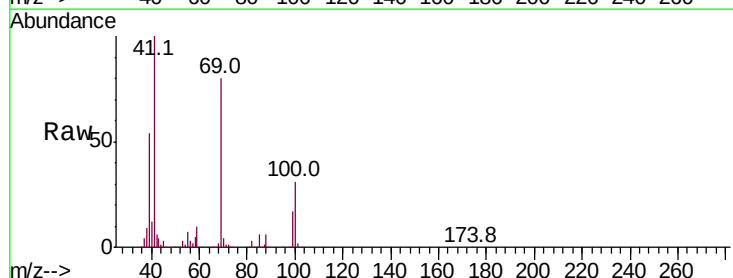
Tgt Ion: 41 Resp: 210298

Ion Ratio Lower Upper

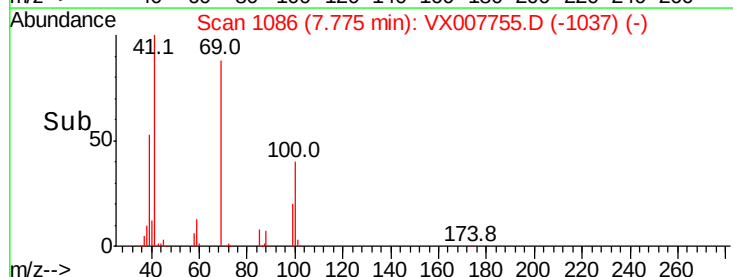
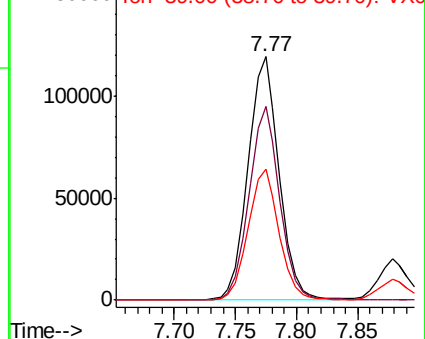
41 100

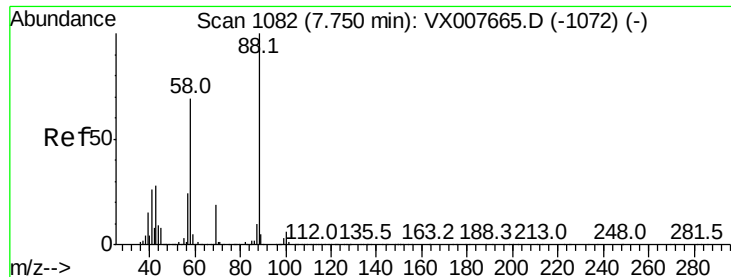
69 78.8 70.2 105.4

39 53.9 47.4 71.0



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

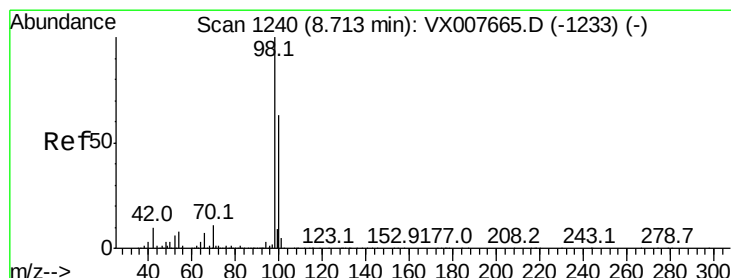
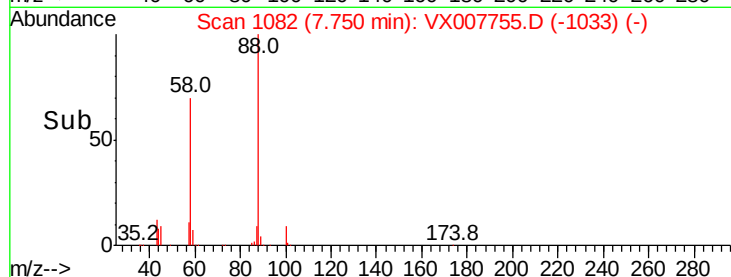
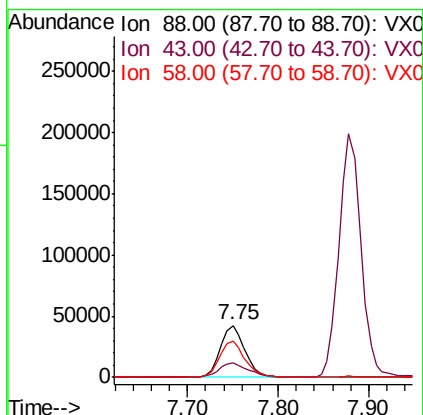
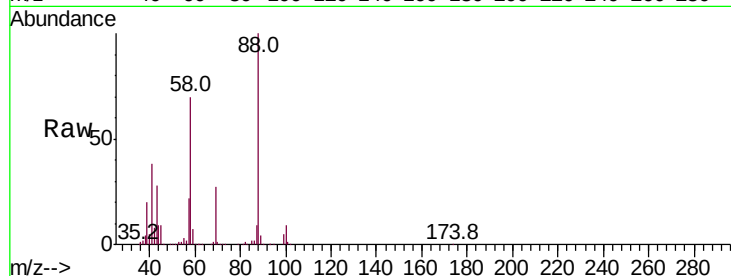




#49
1,4-Dioxane
Concen: 1040.786 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

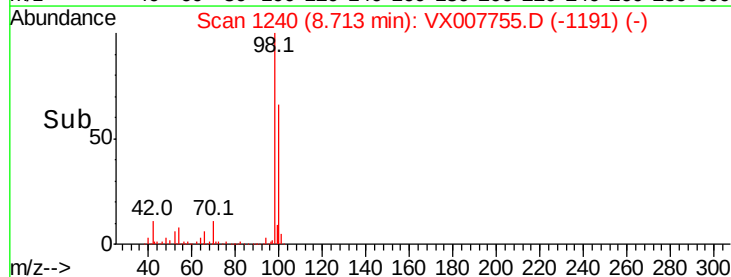
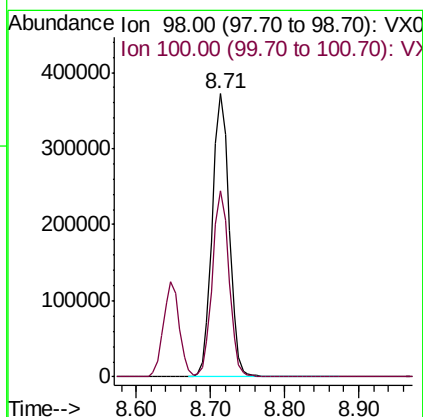
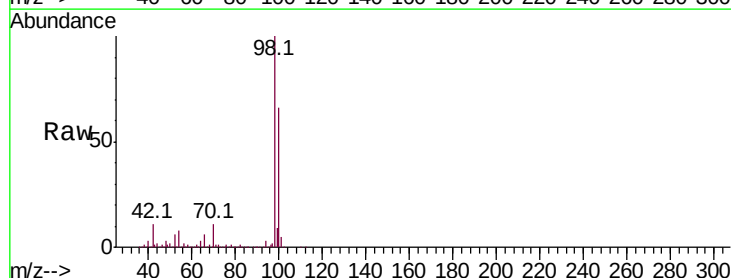
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

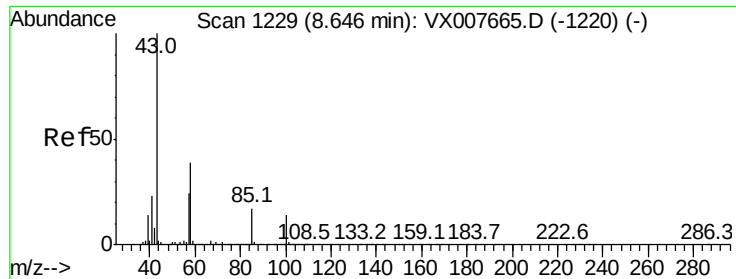
Tot Ion: 88 Resp: 79958
Ion Ratio Lower Upper
88 100
43 33.0 24.2 36.4
58 72.8 53.0 79.4



#50
Toluene-d8
Concen: 51.458 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 98 Resp: 581390
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

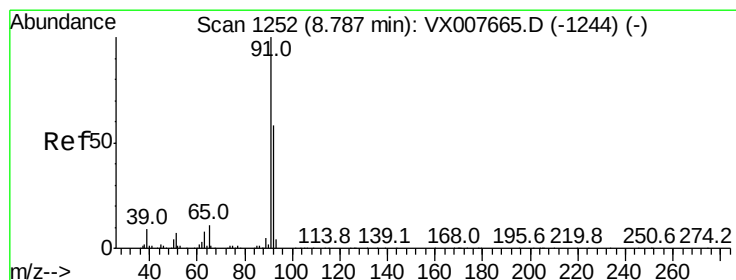
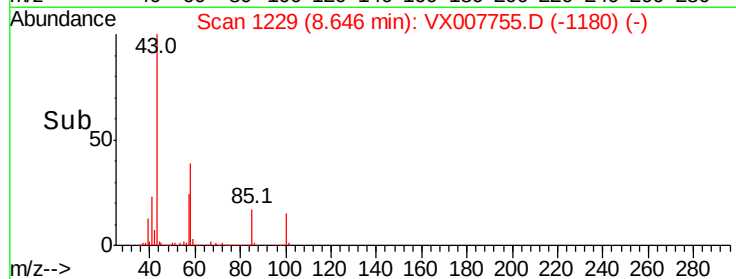
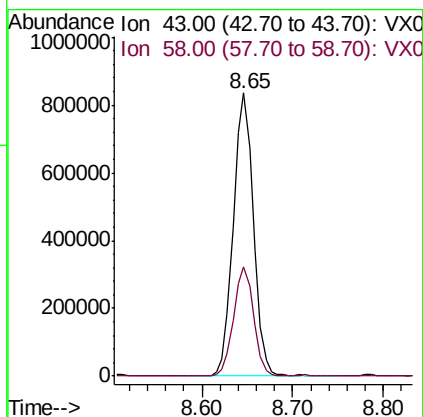
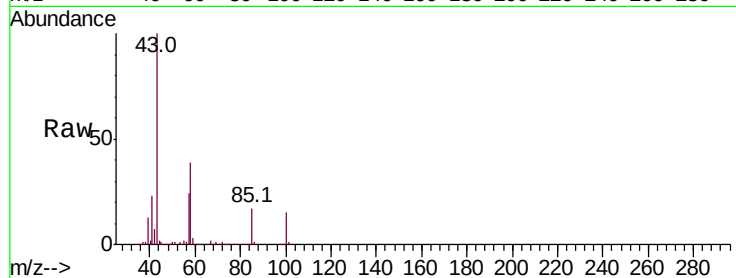




#51
 4-Methyl-2-Pentanone
 Concen: 283.556 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

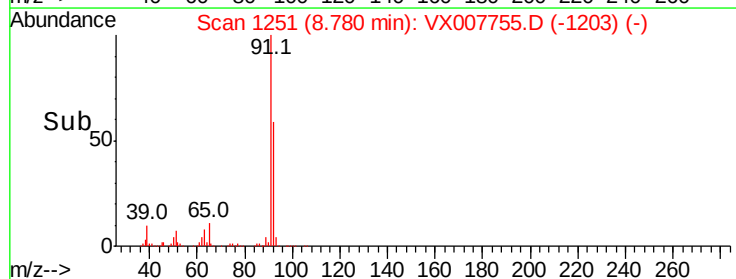
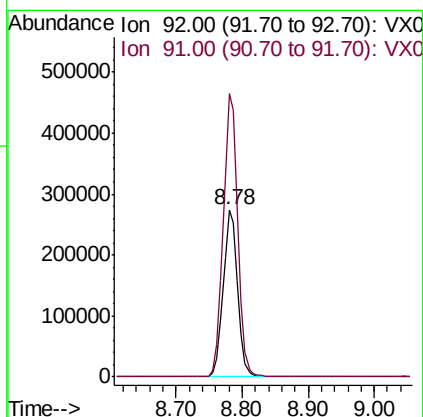
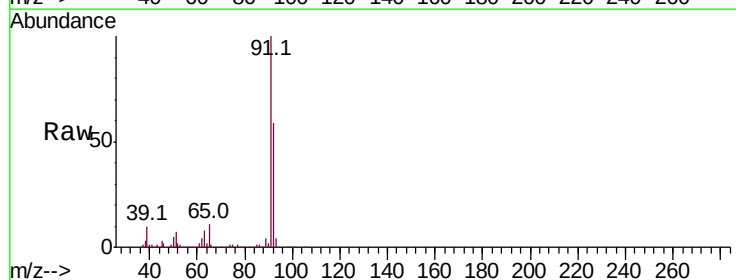
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

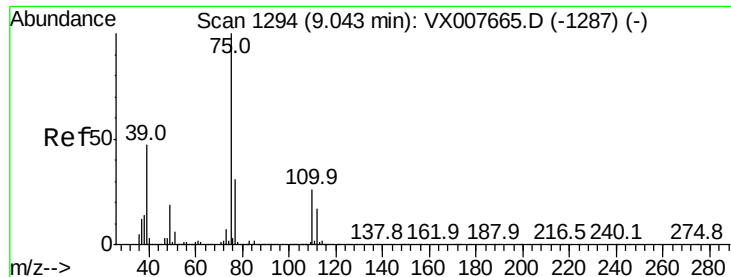
Tot Ion: 43 Resp: 1287976
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.2 46.8



#52
 Toluene
 Concen: 53.454 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion: 92 Resp: 412993
 Ion Ratio Lower Upper
 92 100
 91 171.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 49.852 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

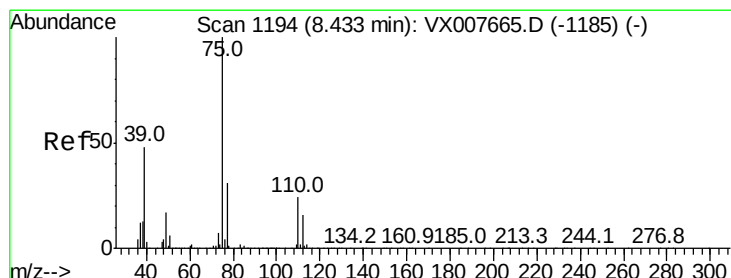
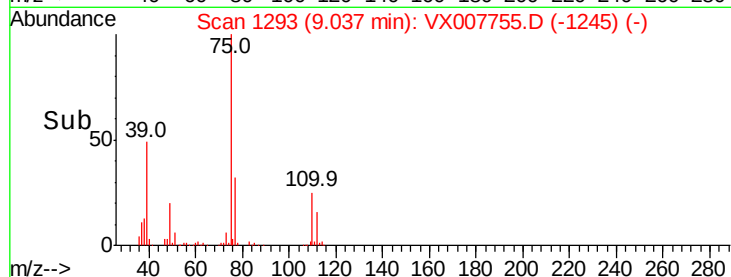
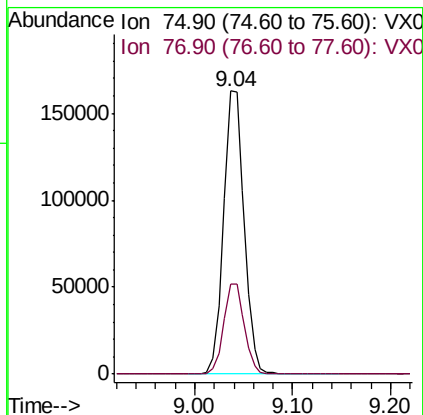
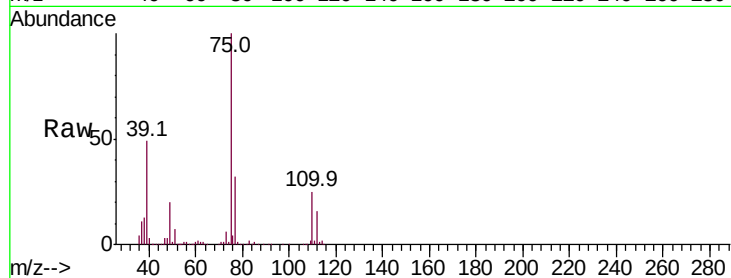
VSTDCCC050

Tot Ion: 75 Resp: 237771

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.878 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

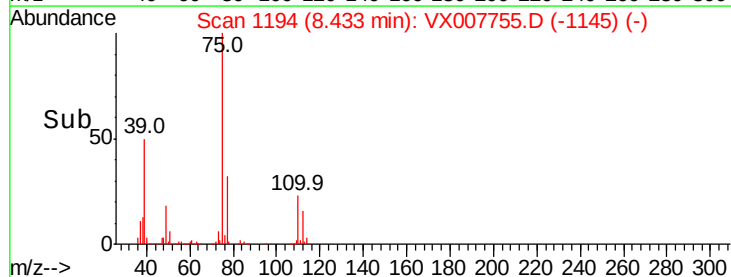
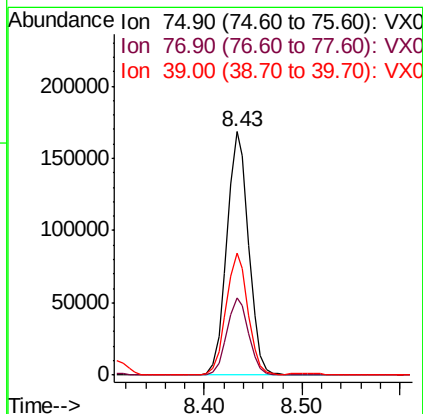
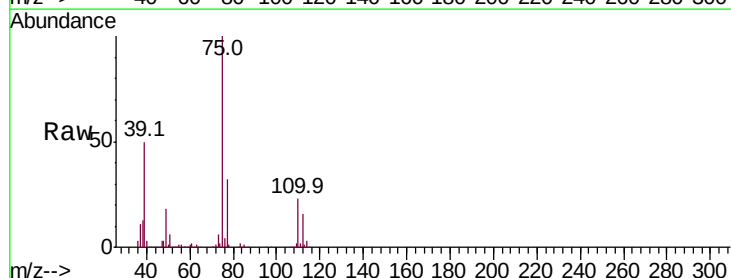
Tgt Ion: 75 Resp: 260196

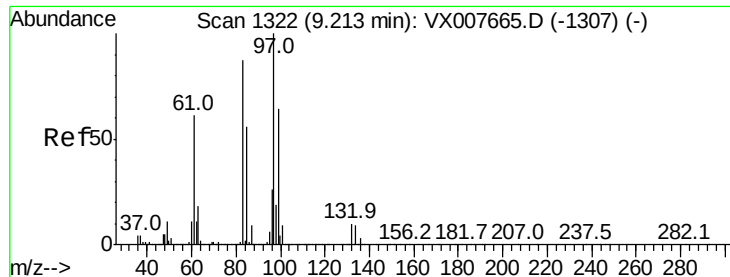
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 50.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 51.855 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 167071

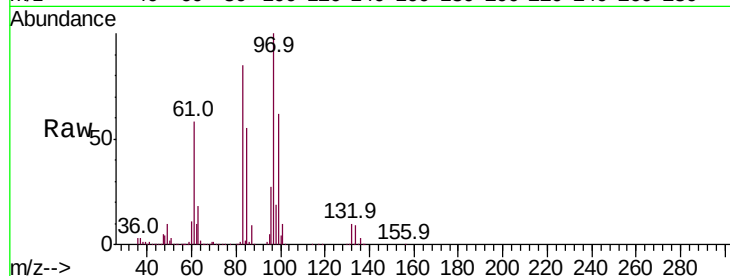
Ion Ratio Lower Upper

97 100

83 84.7 68.6 102.8

85 54.8 44.5 66.7

99 61.6 52.2 78.4

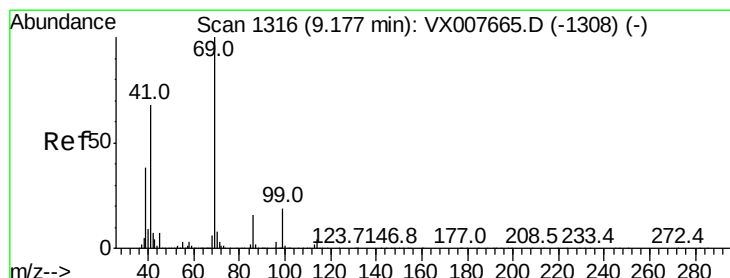
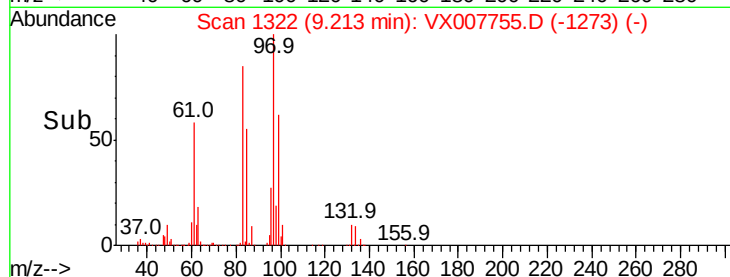
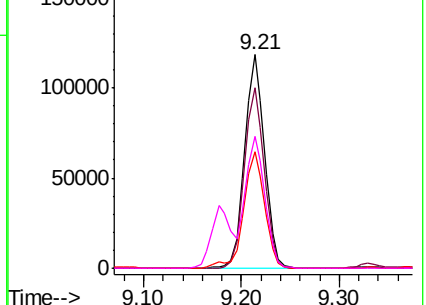


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.829 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

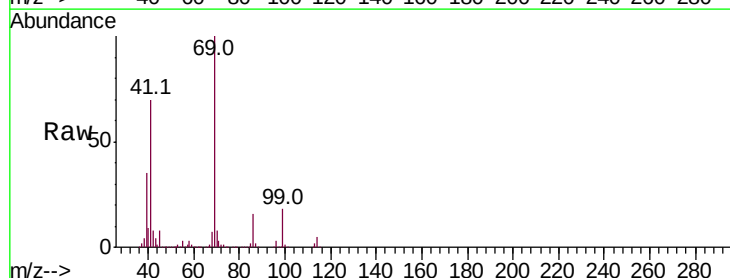
Tgt Ion: 69 Resp: 255791

Ion Ratio Lower Upper

69 100

41 69.8 52.1 78.1

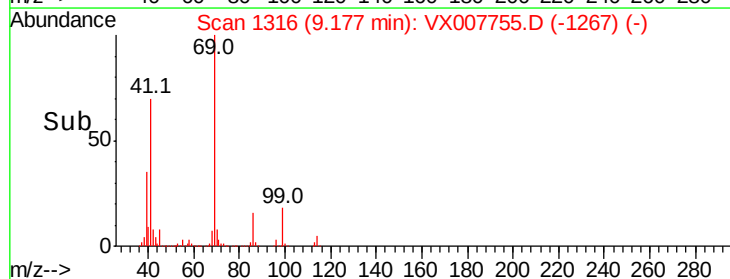
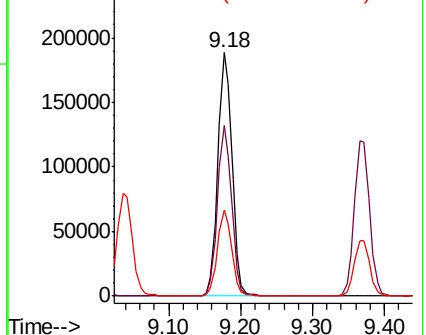
39 35.2 30.1 45.1

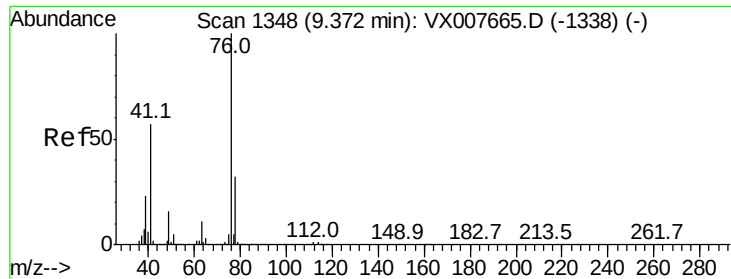


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.872 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

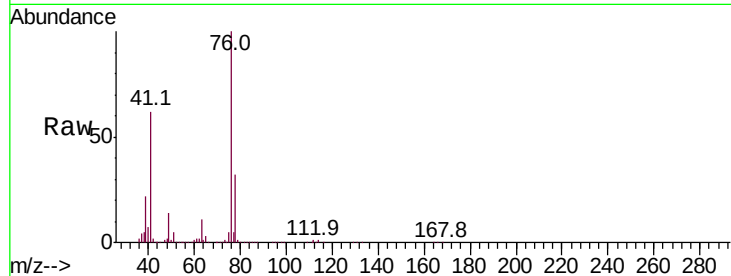
VSTDCCC050

Tot Ion: 76 Resp: 277841

Ion Ratio Lower Upper

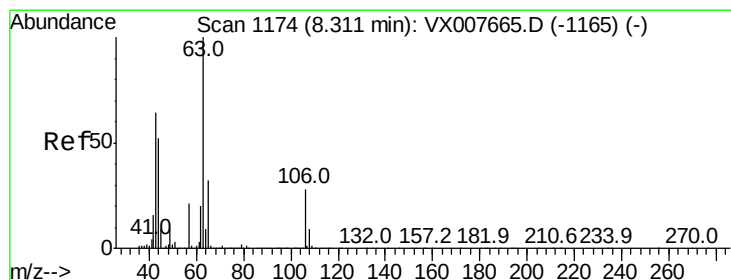
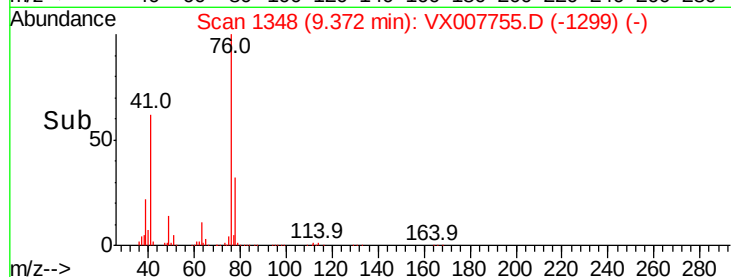
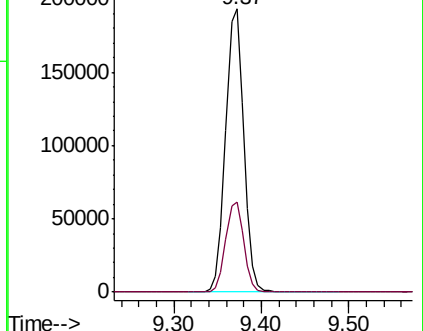
76 100

78 31.9 25.8 38.8



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: 279.447 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007755.D

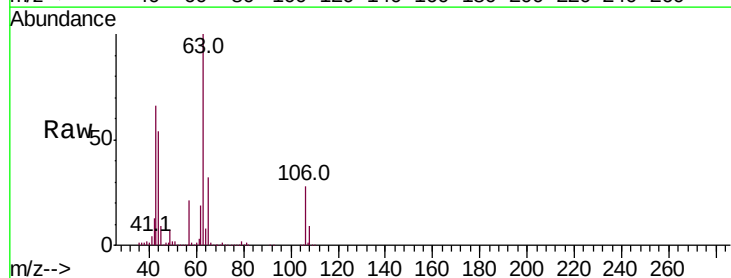
Acq: 28 Feb 2019 09:50

Tgt Ion: 63 Resp: 706046

Ion Ratio Lower Upper

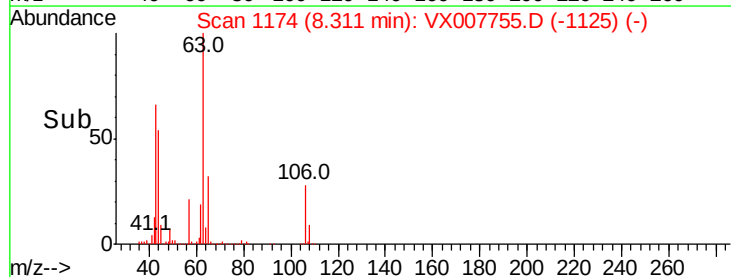
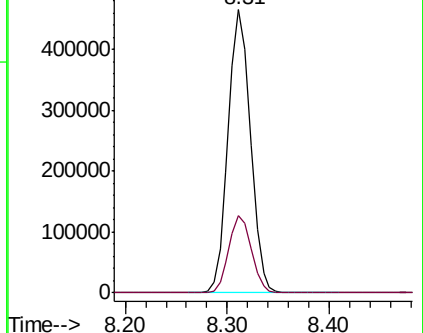
63 100

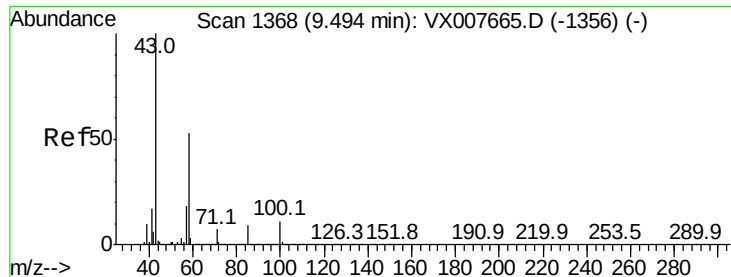
106 27.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

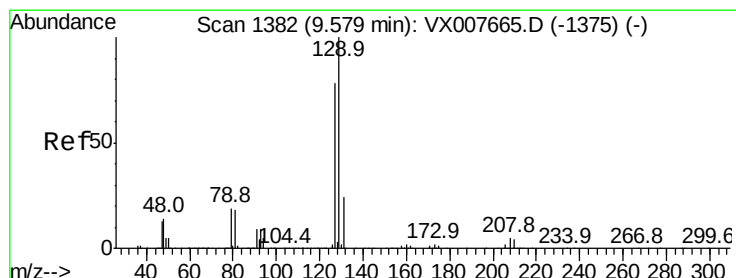
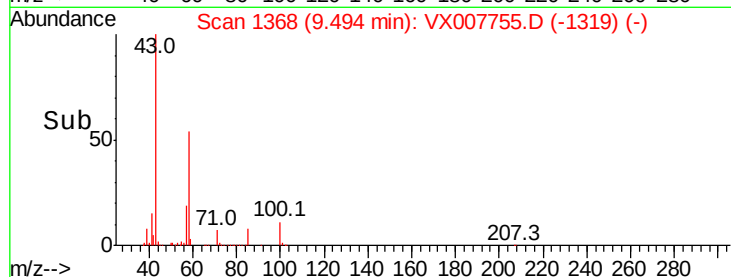
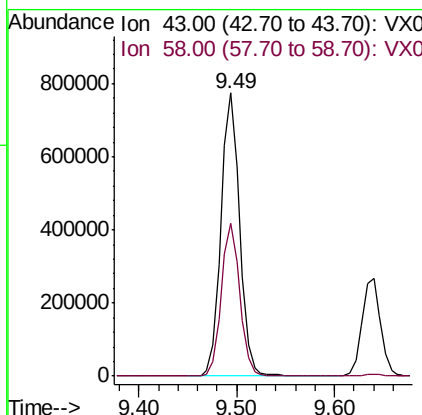
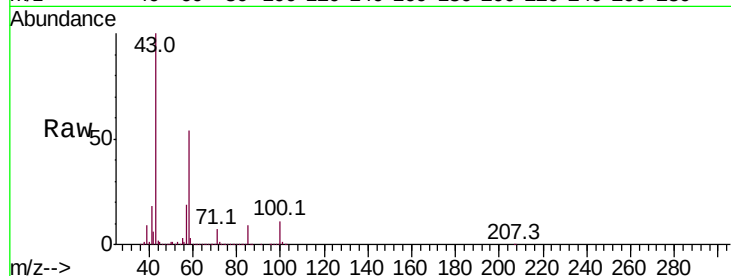




#59
2-Hexanone
Concen: 286.544 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

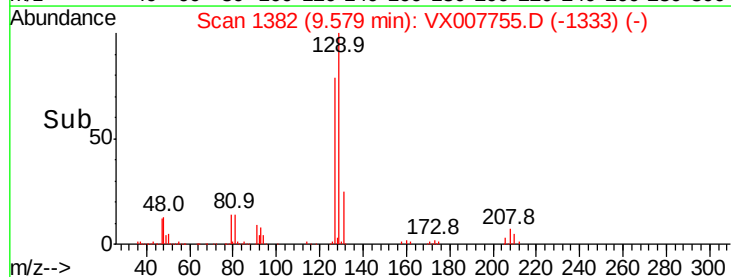
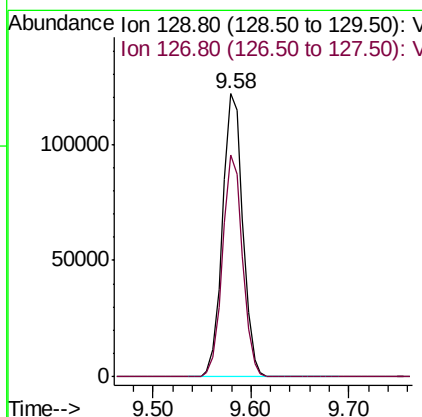
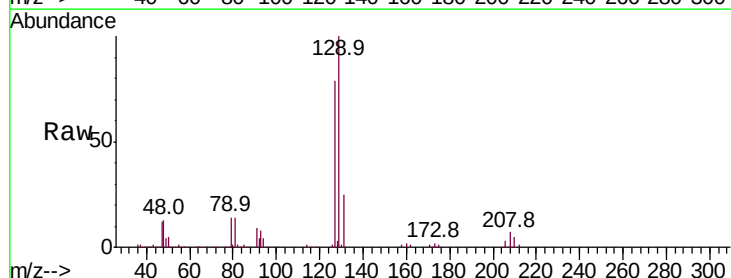
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

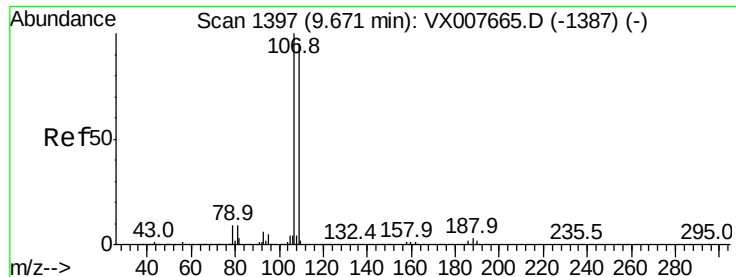
Tot Ion: 43 Resp: 1021835
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3



#60
Dibromochloromethane
Concen: 56.462 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 129 Resp: 175041
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.690 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

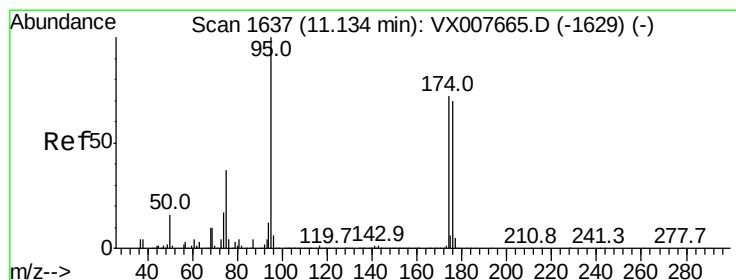
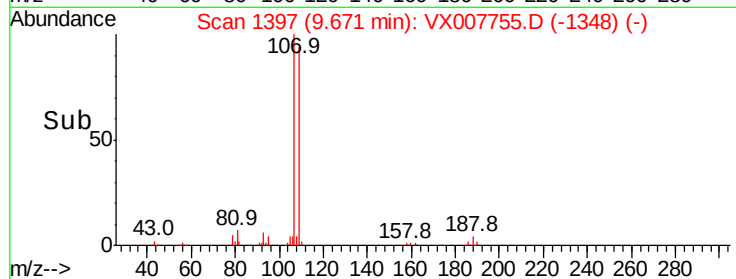
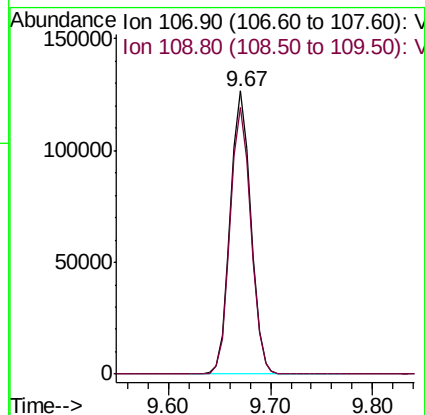
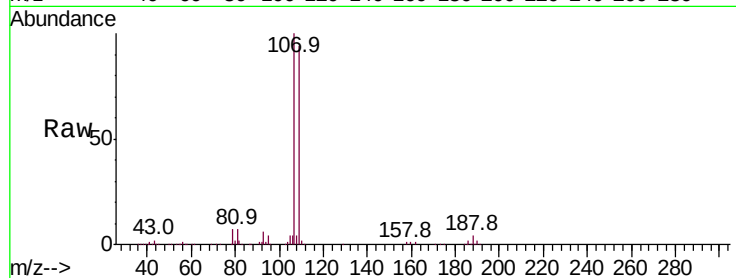
VSTDCCC050

Tot Ion:107 Resp: 176254

Ion Ratio Lower Upper

107 100

109 95.0 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.942 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

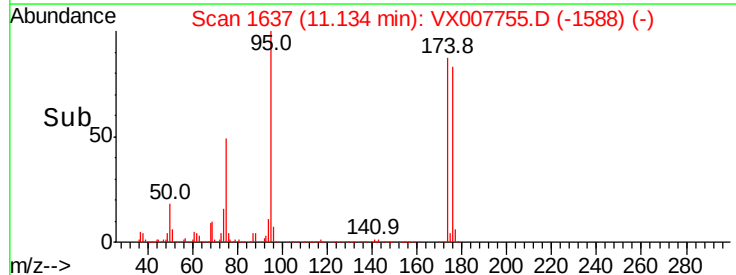
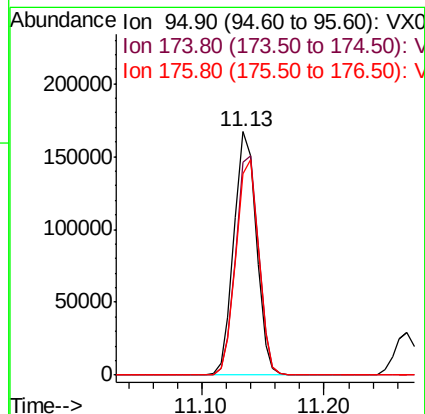
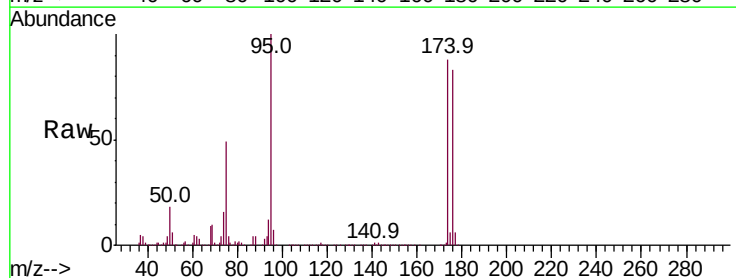
Tgt Ion: 95 Resp: 211251

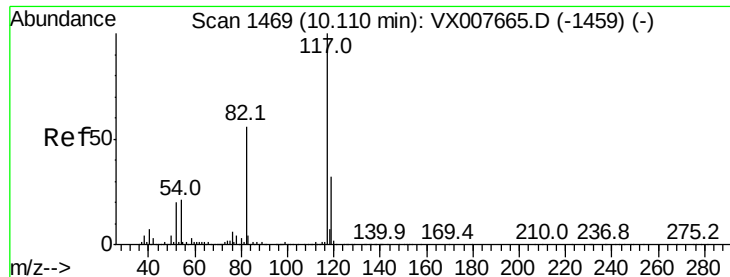
Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 89.7 0.0 186.2

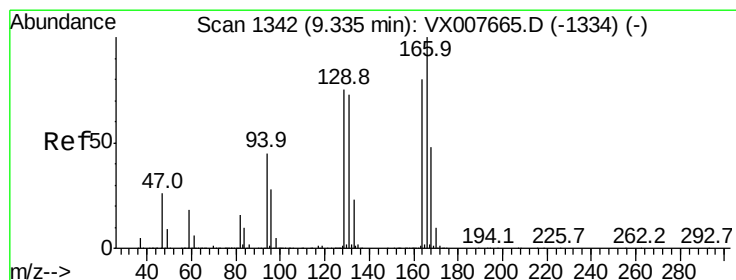
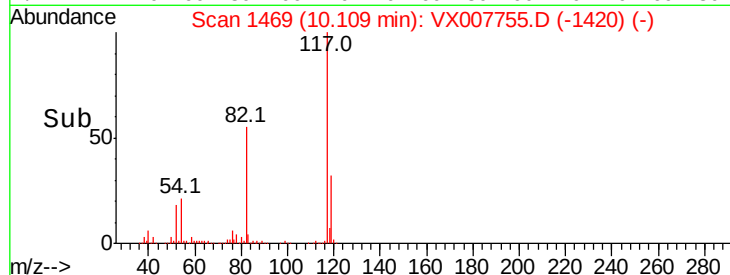
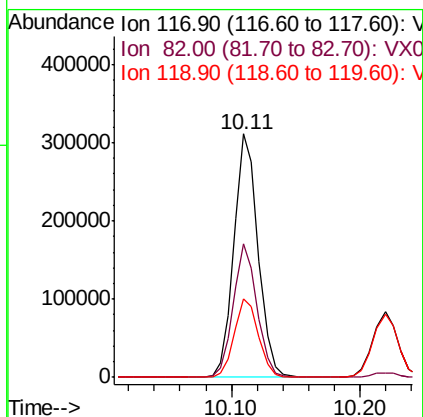
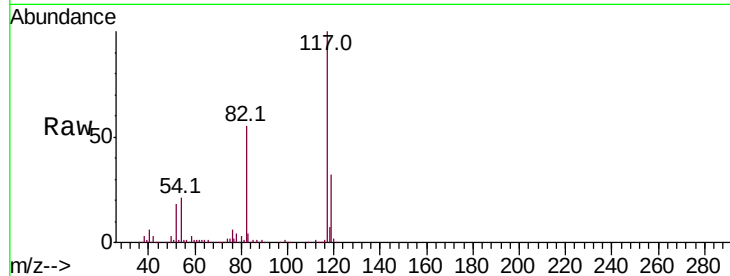




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

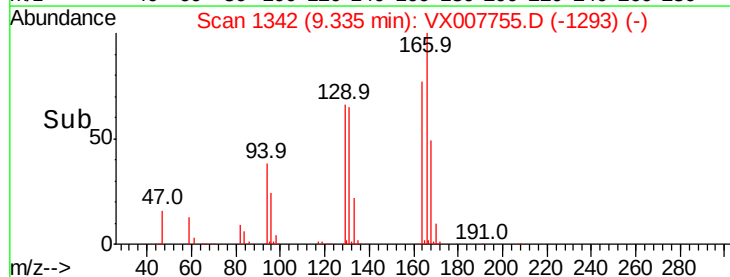
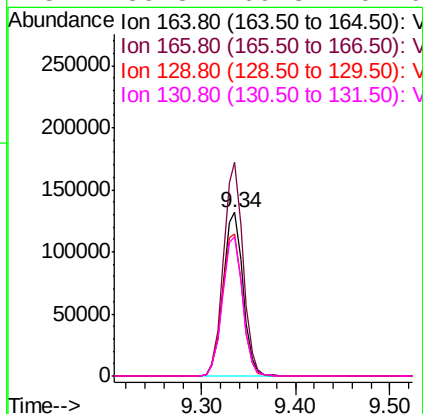
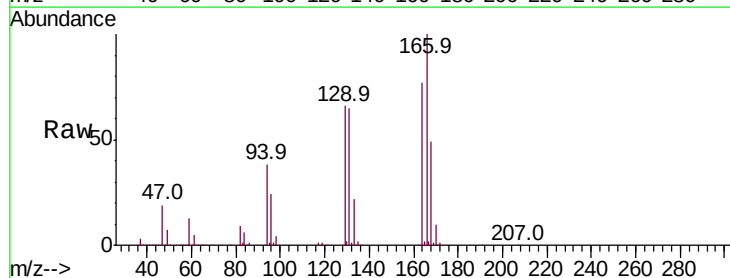
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

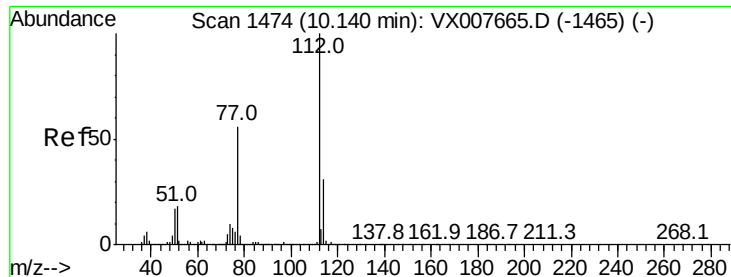
Tot Ion:117 Resp: 407531
Ion Ratio Lower Upper
117 100
82 54.7 42.1 63.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 57.987 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion:164 Resp: 191843
Ion Ratio Lower Upper
164 100
166 130.4 101.0 151.4
129 86.4 70.5 105.7
131 85.3 69.8 104.6

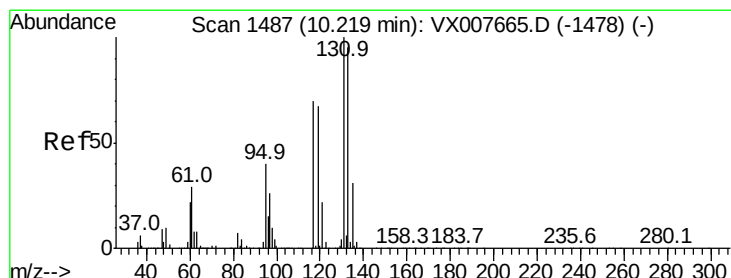
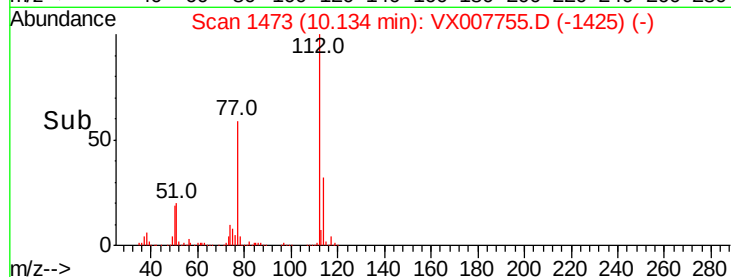
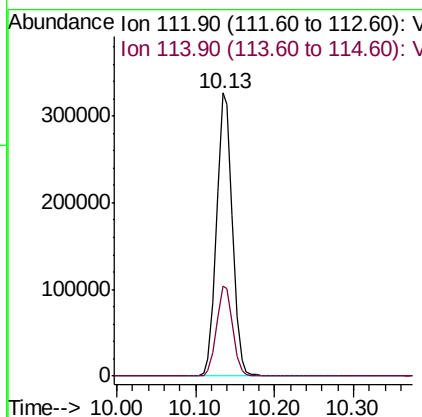
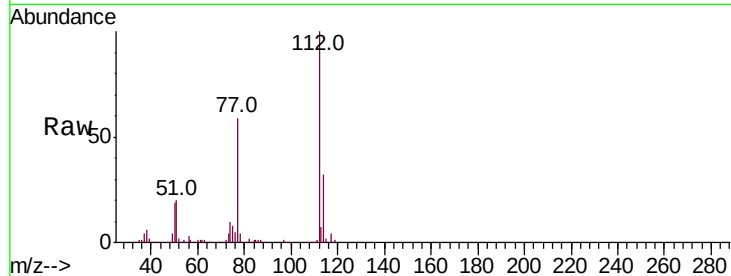




#65
Chlorobenzene
Concen: 51.937 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

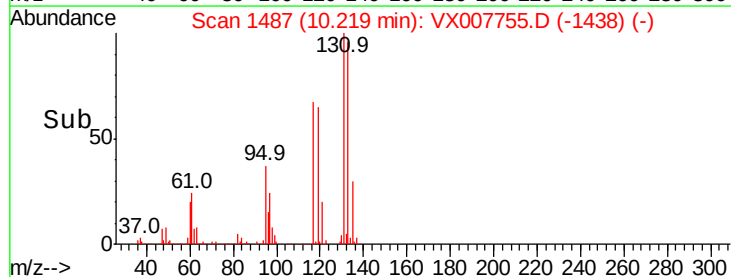
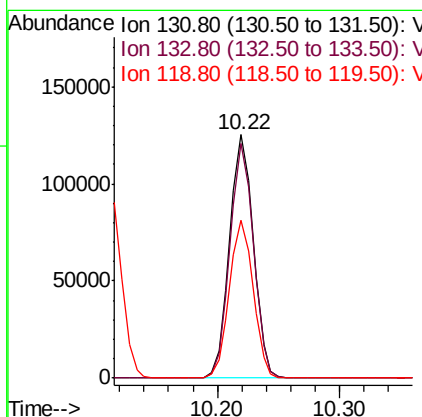
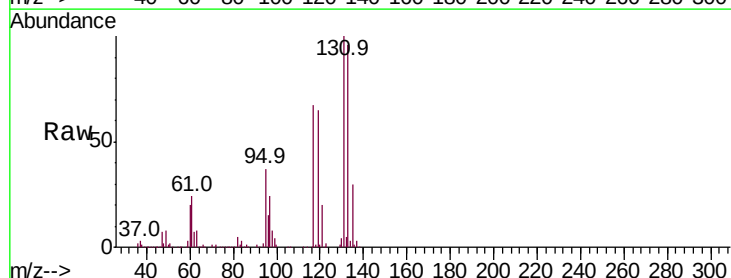
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

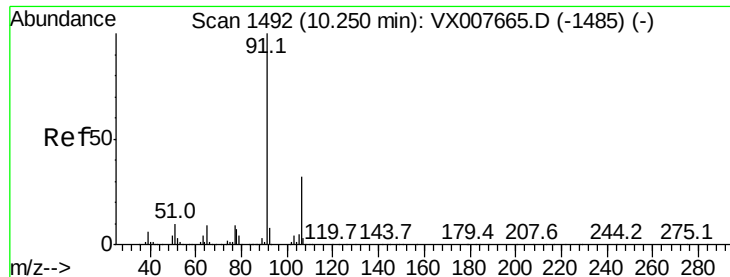
Tot Ion:112 Resp: 457776
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.631 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion:131 Resp: 167967
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 65.3 32.0 96.0

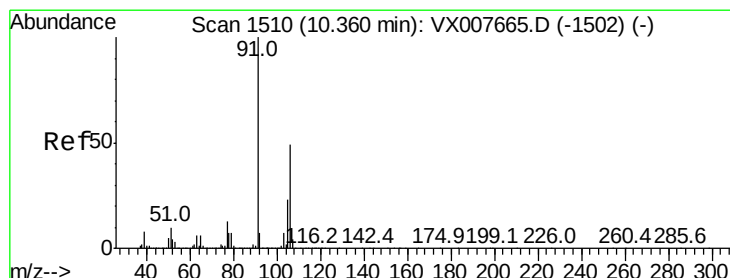
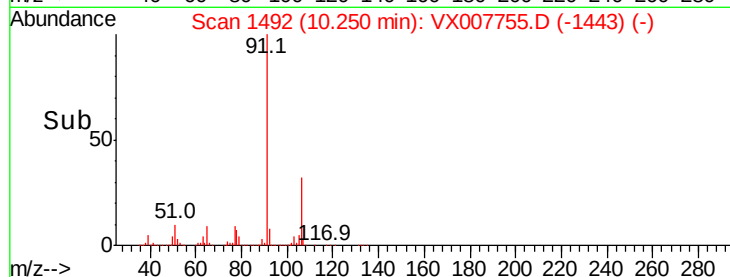
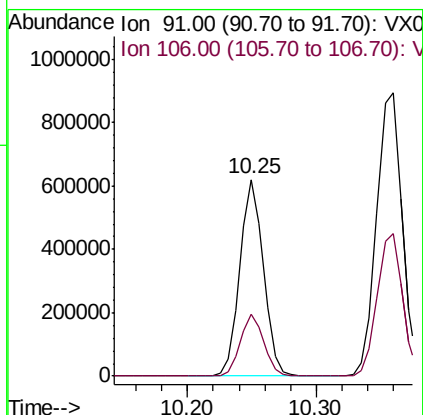
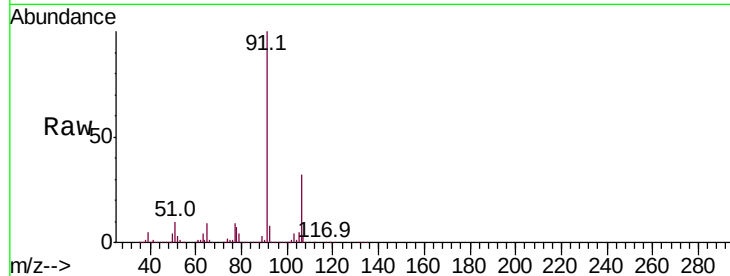




#67
Ethyl Benzene
Concen: 53.707 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

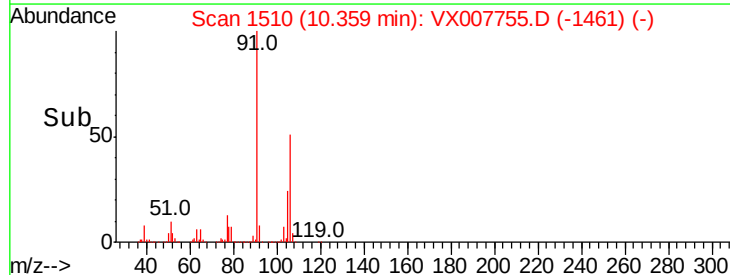
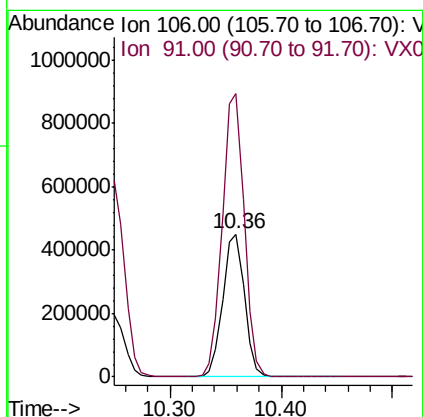
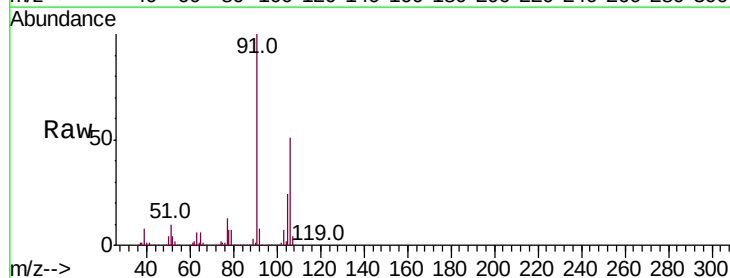
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

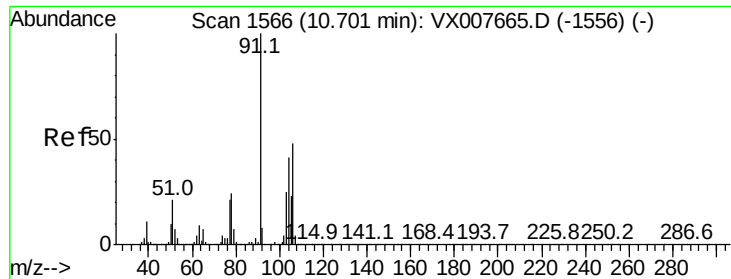
Tot Ion: 91 Resp: 784177
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 107.213 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 106 Resp: 608996
Ion Ratio Lower Upper
106 100
91 200.4 156.6 234.8

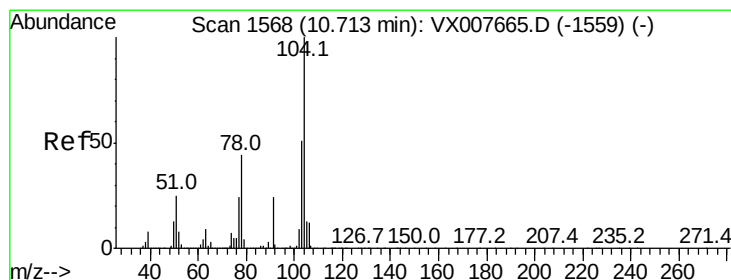
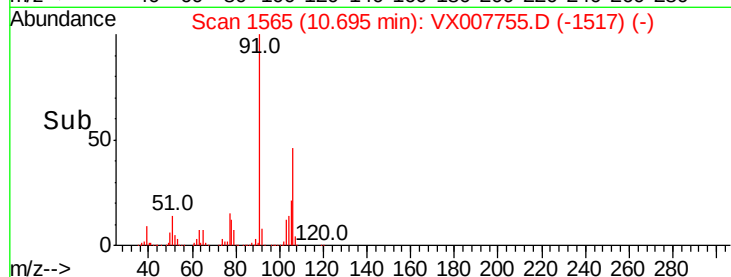
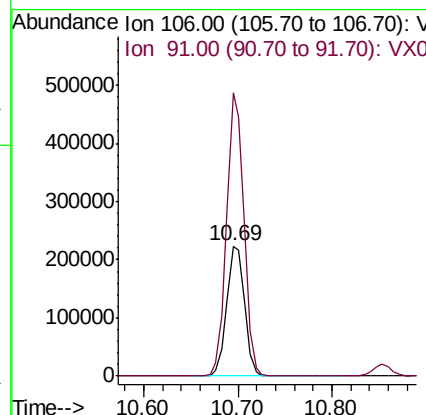
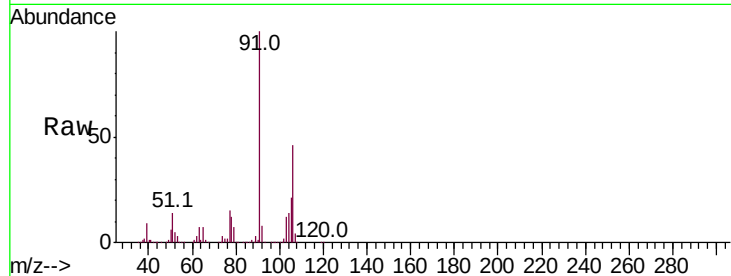




#69
o-Xylene
Concen: 53.567 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

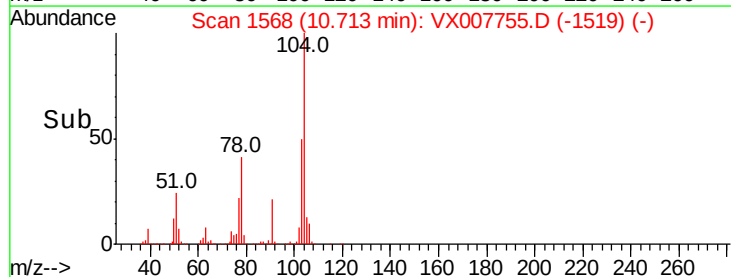
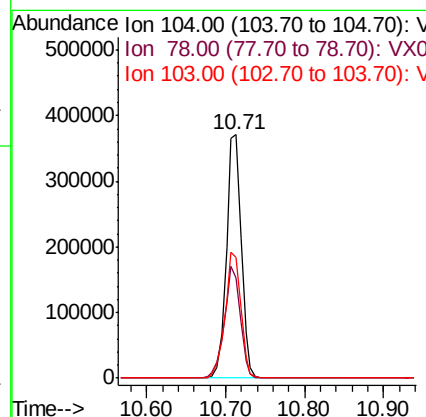
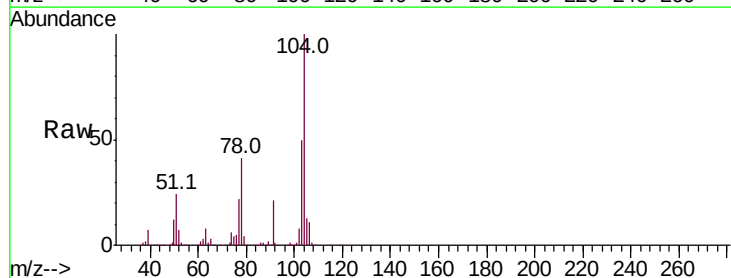
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

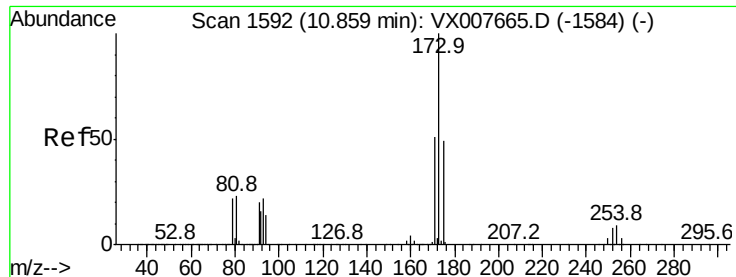
Tot Ion:106 Resp: 292675
Ion Ratio Lower Upper
106 100
91 211.5 102.9 308.7



#70
Styrene
Concen: 54.209 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion:104 Resp: 486839
Ion Ratio Lower Upper
104 100
78 48.8 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 59.557 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

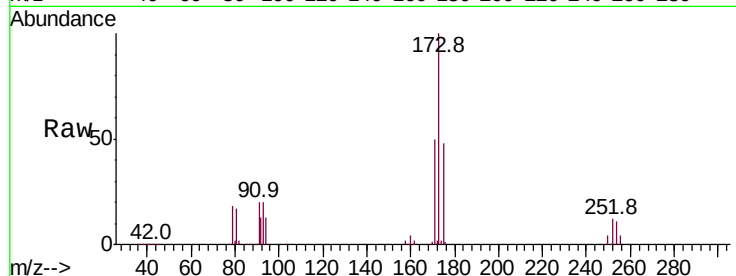
Tot Ion:173 Resp: 137311

Ion Ratio Lower Upper

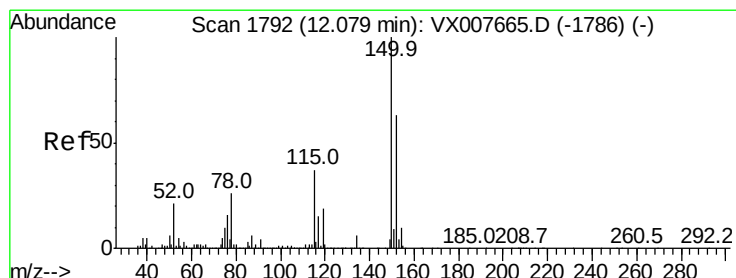
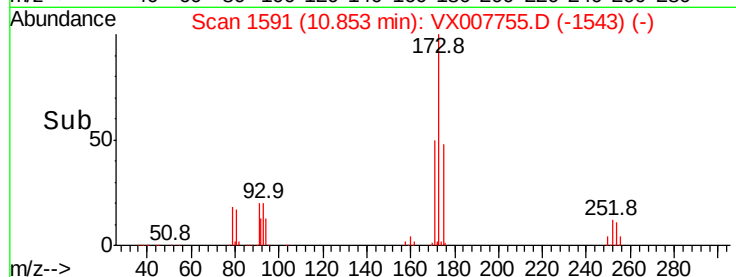
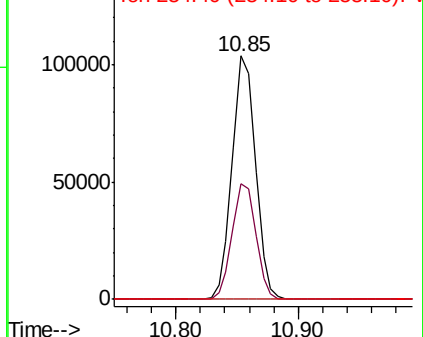
173 100

175 48.7 24.2 72.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

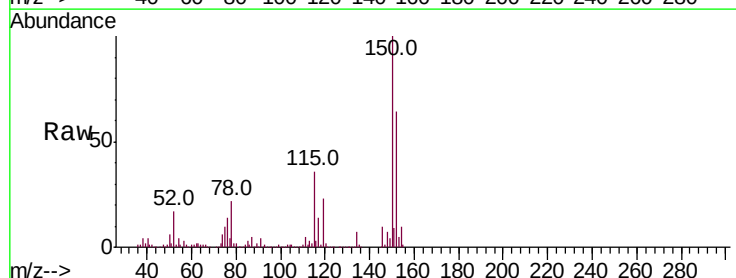
Tgt Ion:152 Resp: 215998

Ion Ratio Lower Upper

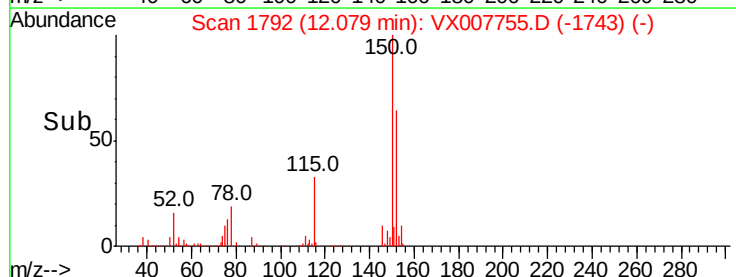
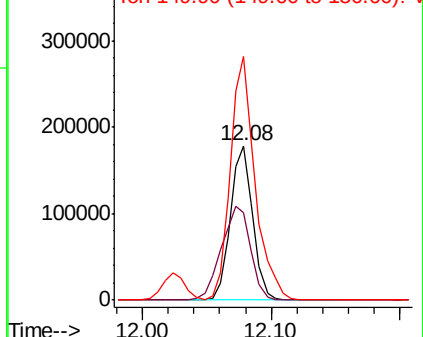
152 100

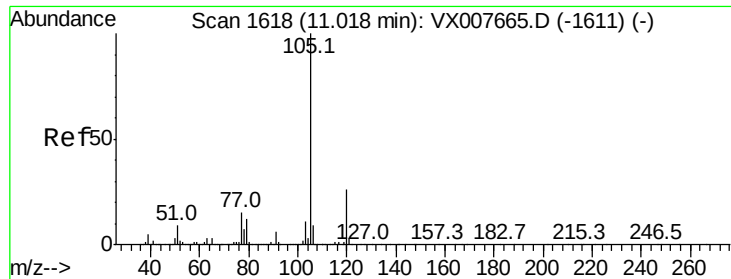
115 79.7 38.0 114.0

150 174.1 0.0 346.4



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: 51.746 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

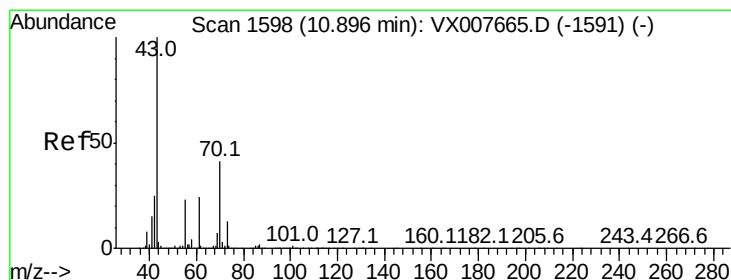
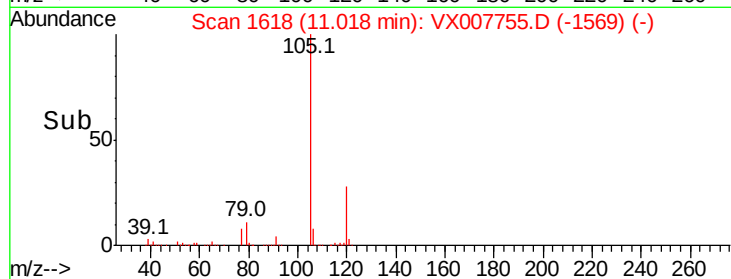
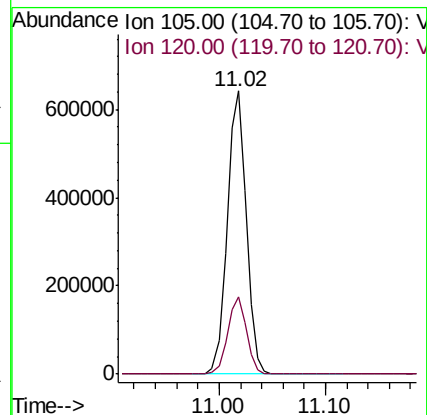
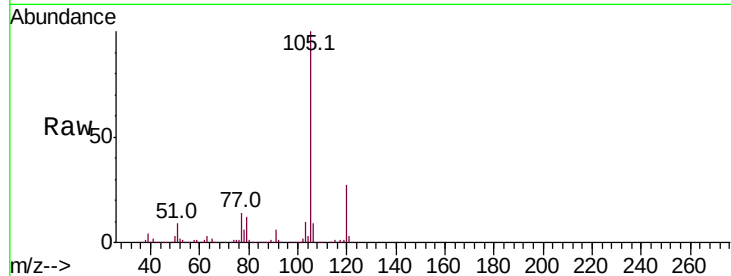
VSTDCCC050

Tot Ion:105 Resp: 798829

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 51.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion: 43 Resp: 344625

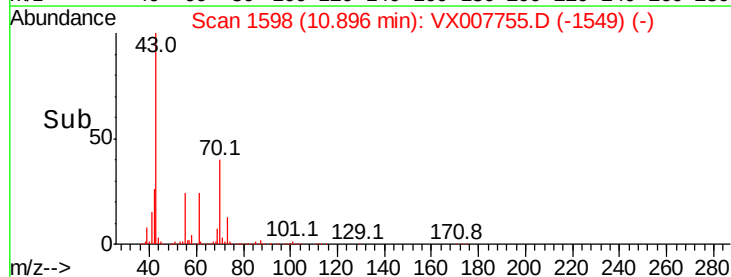
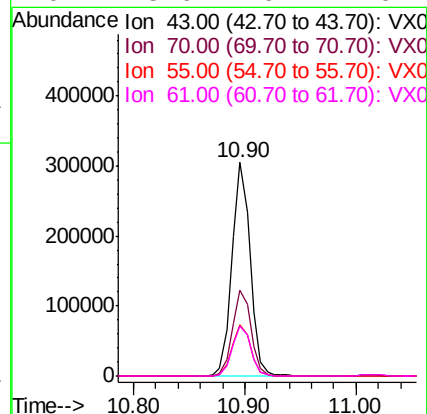
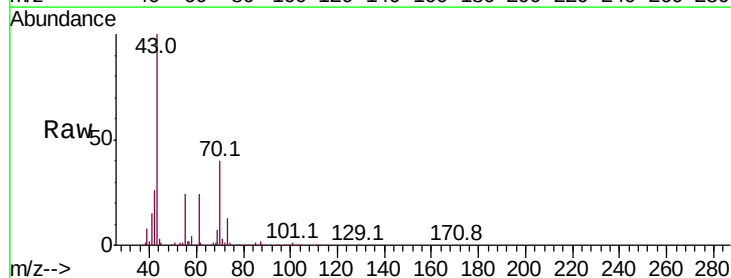
Ion Ratio Lower Upper

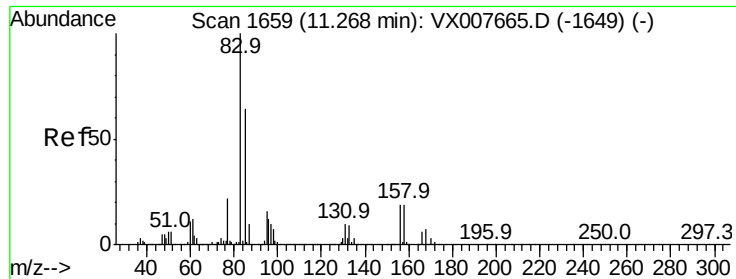
43 100

70 41.1 33.8 50.6

55 24.8 19.5 29.3

61 23.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.274 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

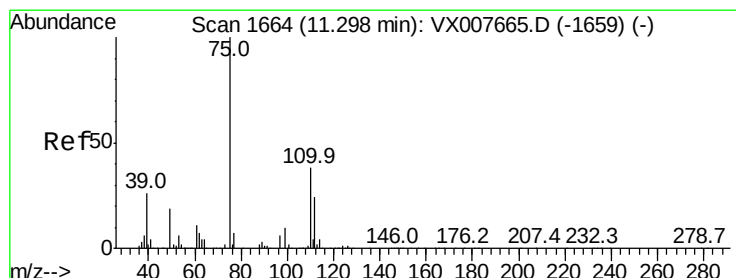
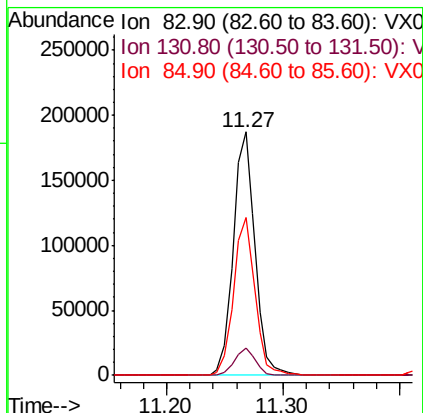
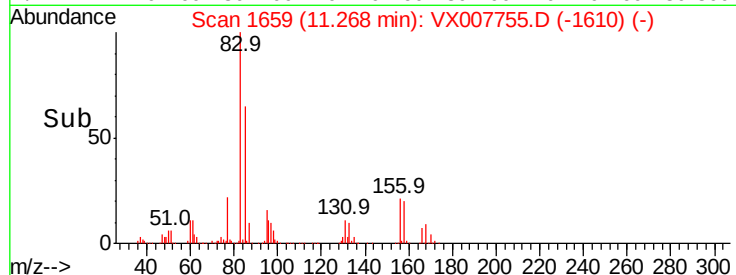
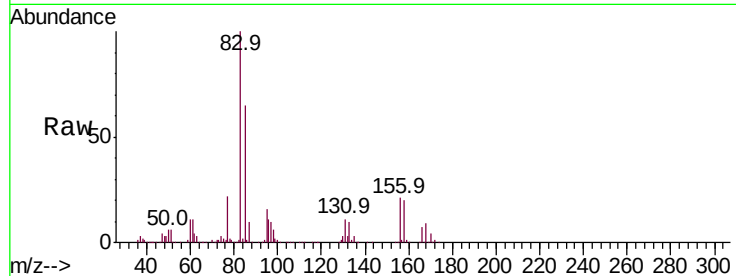
Tot Ion: 83 Resp: 241738

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

85 64.4 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 63.992 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007755.D

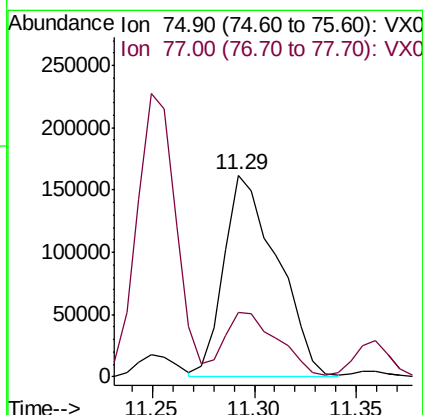
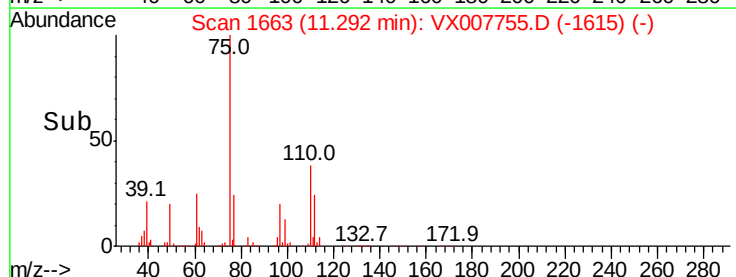
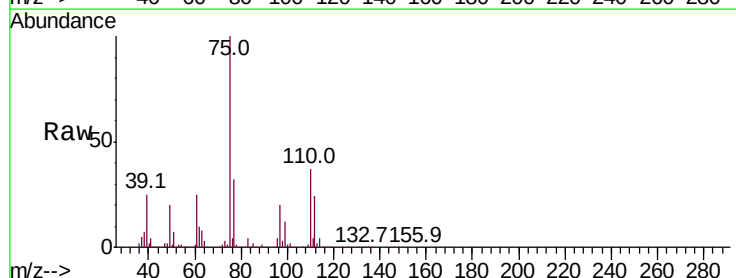
Acq: 28 Feb 2019 09:50

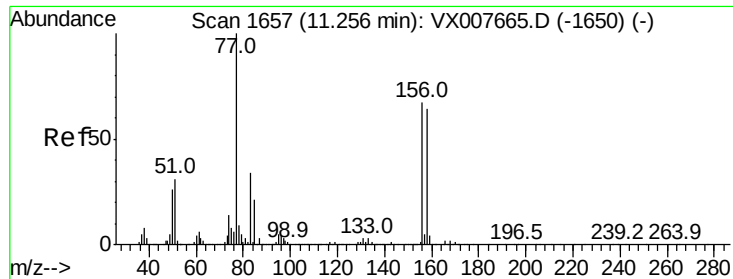
Tgt Ion: 75 Resp: 294626

Ion Ratio Lower Upper

75 100

77 32.4 23.0 69.0





#77

Bromobenzene

Concen: 53.609 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

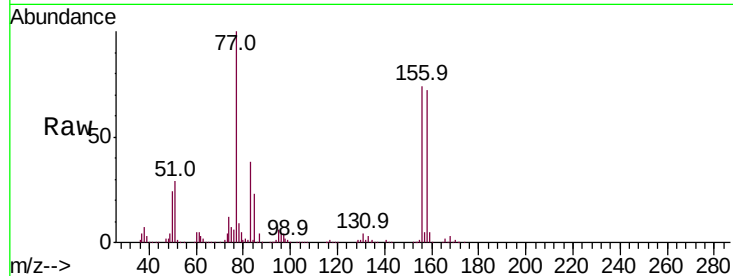
Tot Ion:156 Resp: 207578

Ion Ratio Lower Upper

156 100

77 144.8 66.8 200.6

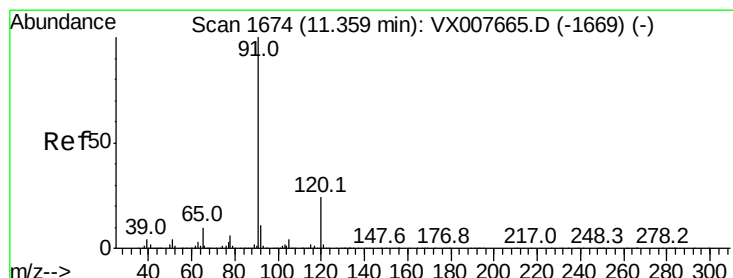
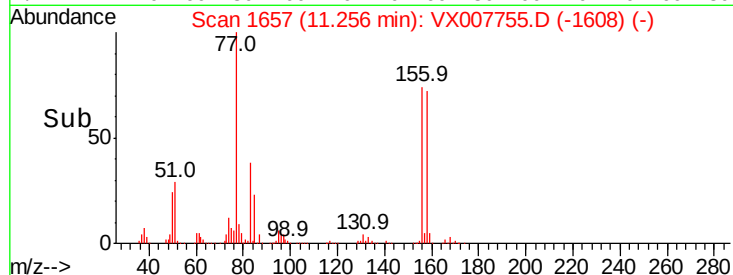
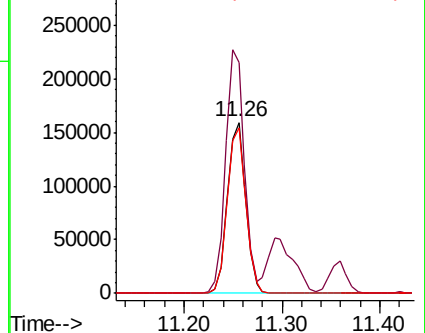
158 97.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 52.721 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007755.D

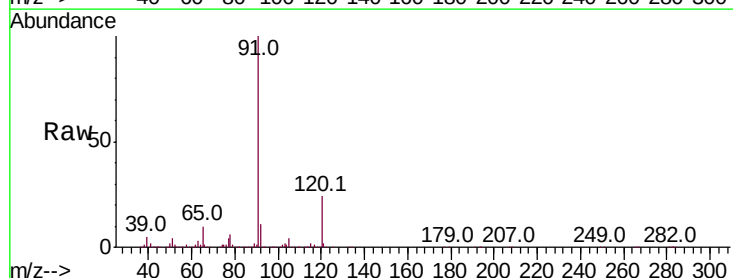
Acq: 28 Feb 2019 09:50

Tgt Ion: 91 Resp: 919708

Ion Ratio Lower Upper

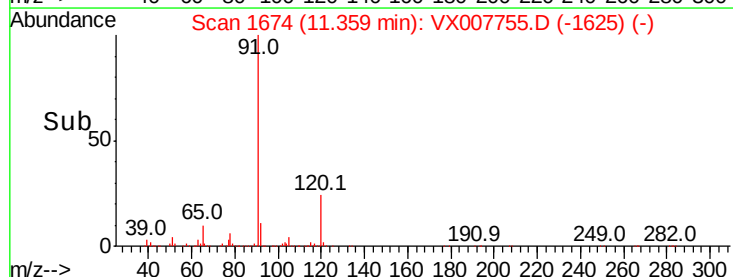
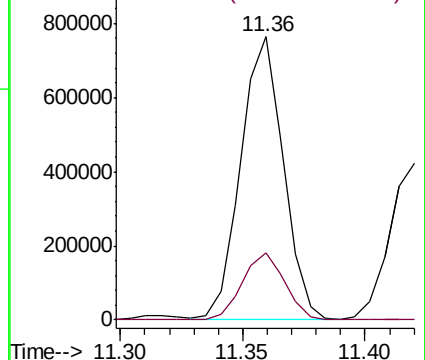
91 100

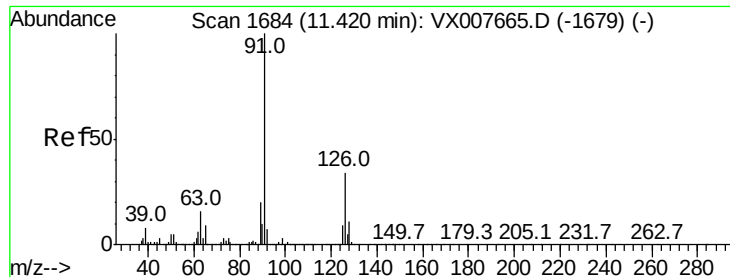
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 50.131 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

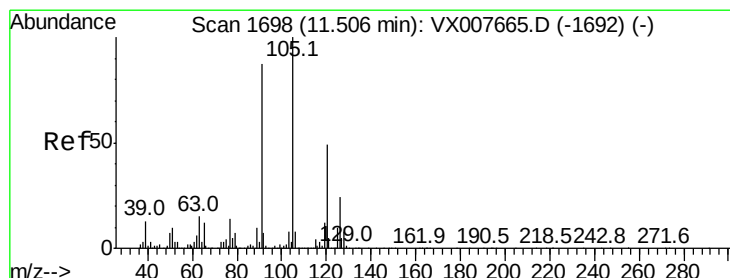
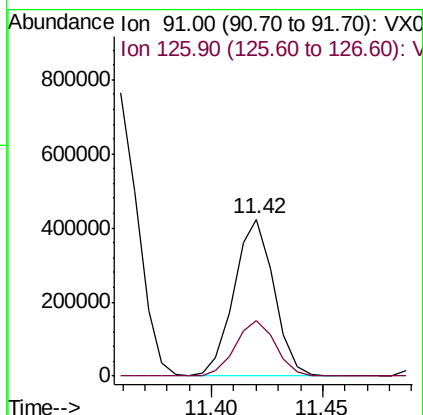
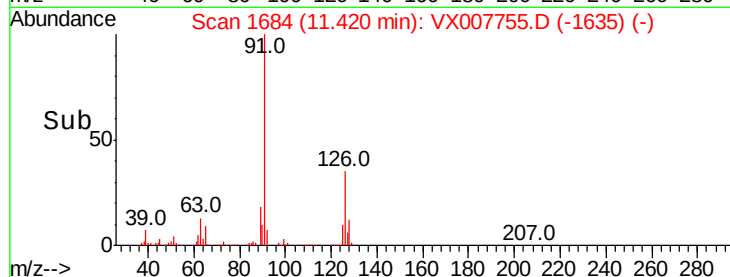
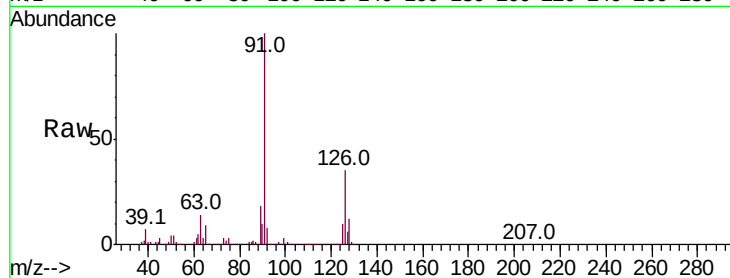
VSTDCCC050

Tot Ion: 91 Resp: 526572

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 52.522 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007755.D

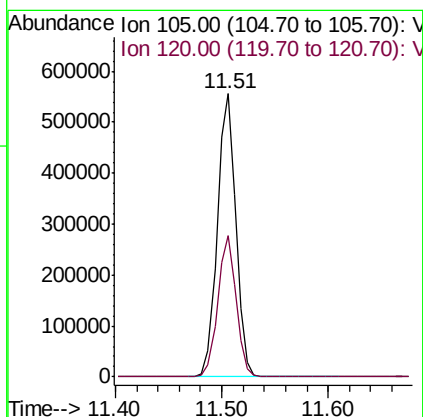
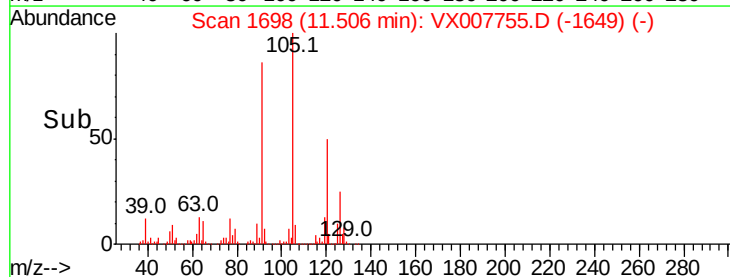
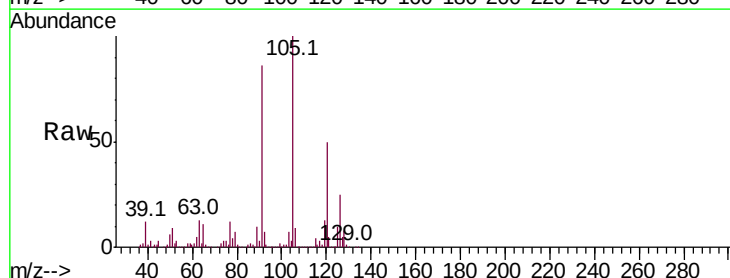
Acq: 28 Feb 2019 09:50

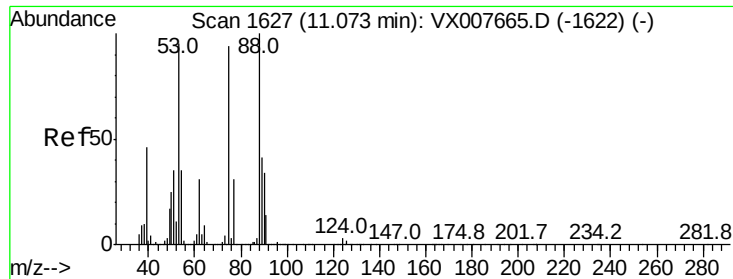
Tgt Ion: 105 Resp: 666942

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.744 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

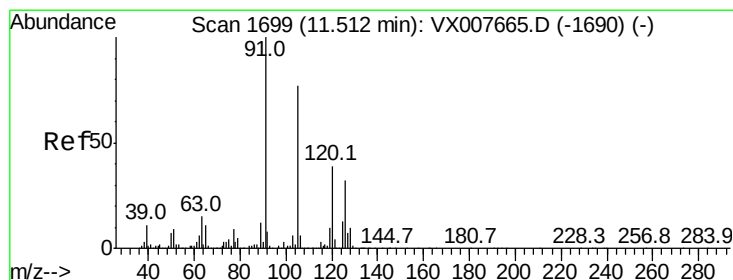
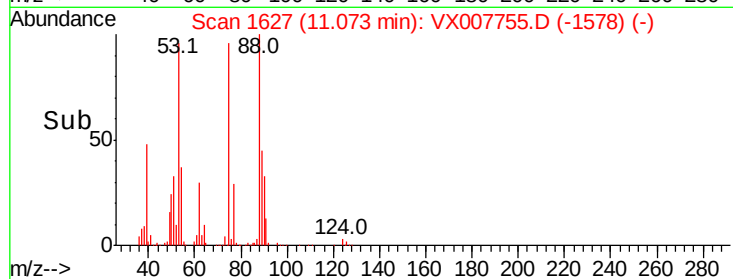
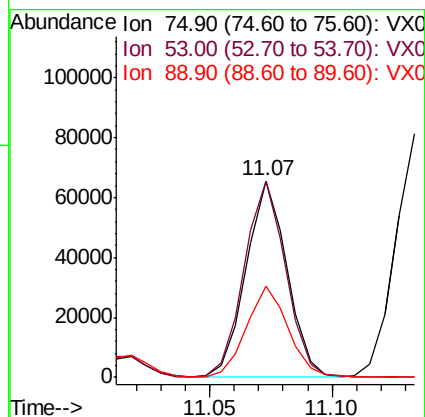
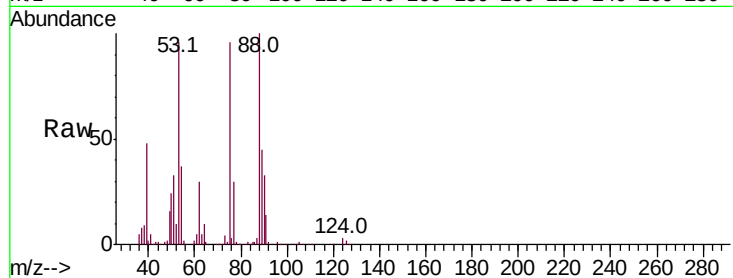
Tot Ion: 75 Resp: 76297

Ion Ratio Lower Upper

75 100

53 101.4 81.0 121.6

89 47.4 41.4 62.0



#82

4-Chlorotoluene

Concen: 50.342 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007755.D

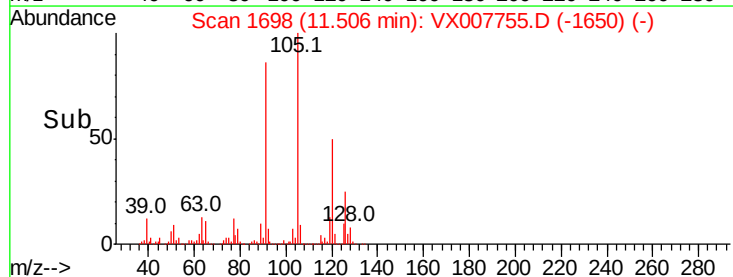
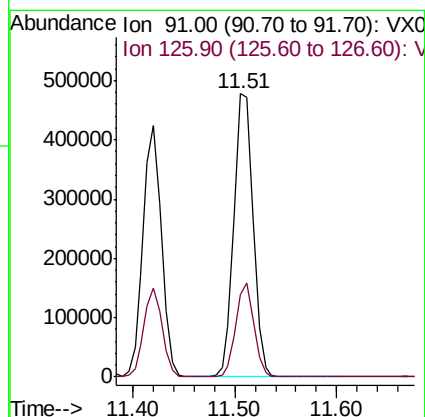
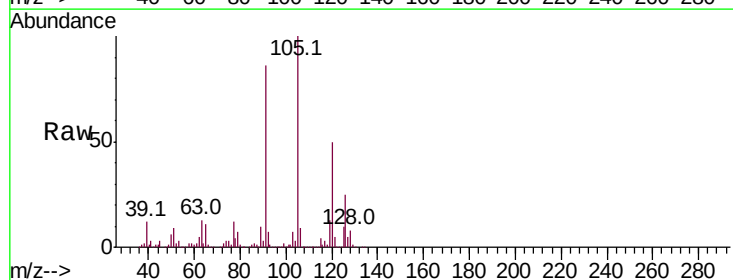
Acq: 28 Feb 2019 09:50

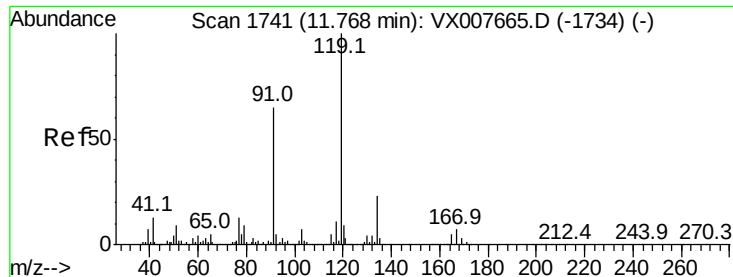
Tgt Ion: 91 Resp: 618588

Ion Ratio Lower Upper

91 100

126 31.1 16.2 48.5

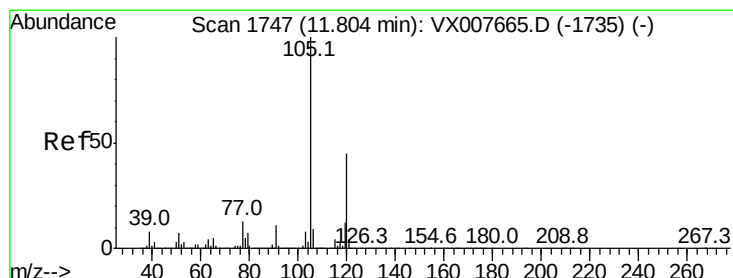
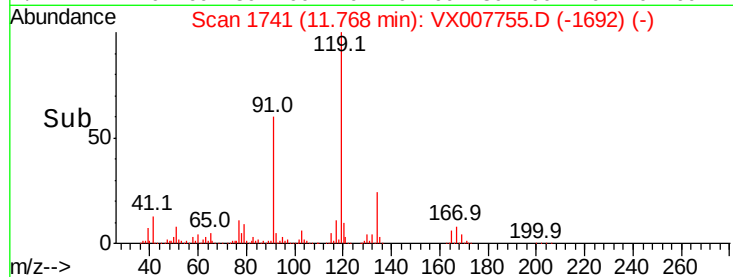
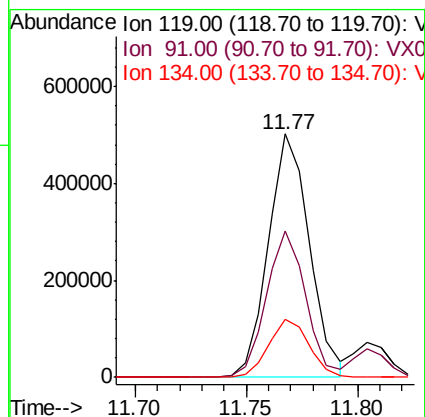
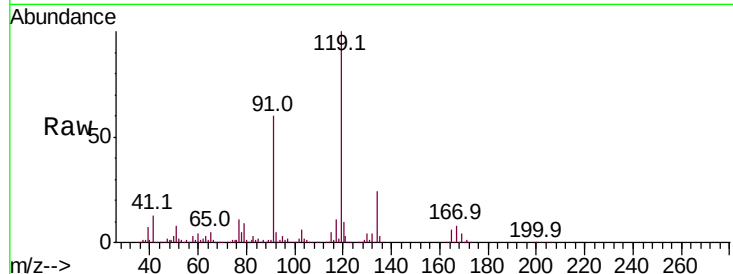




#83
 tert-Butylbenzene
 Concen: 52.859 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

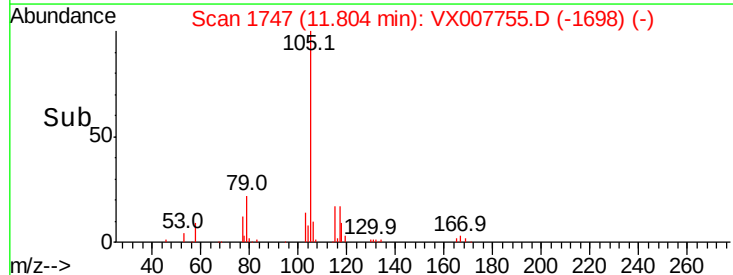
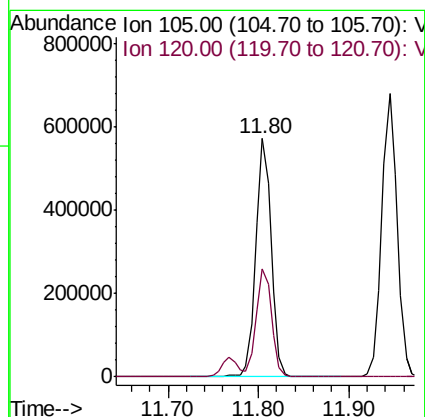
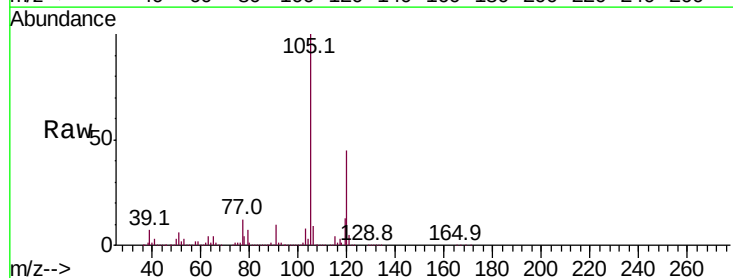
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

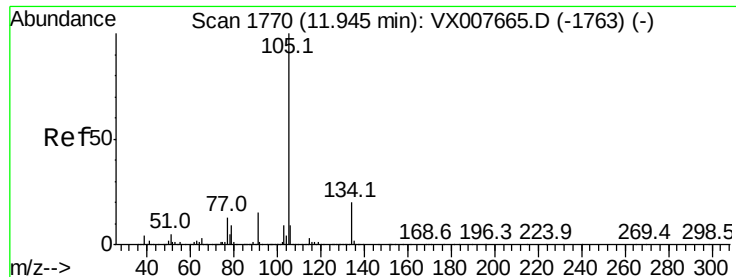
Tot Ion:119 Resp: 644471
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.6
 134 23.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.820 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion:105 Resp: 673100
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 52.564 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

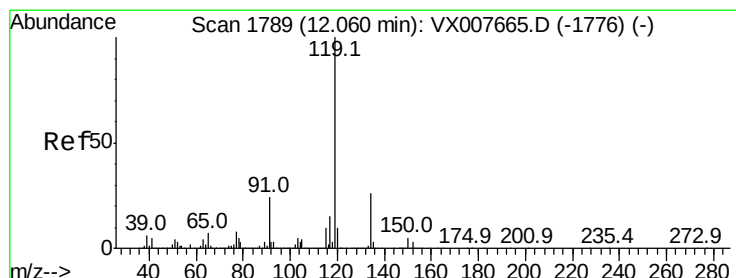
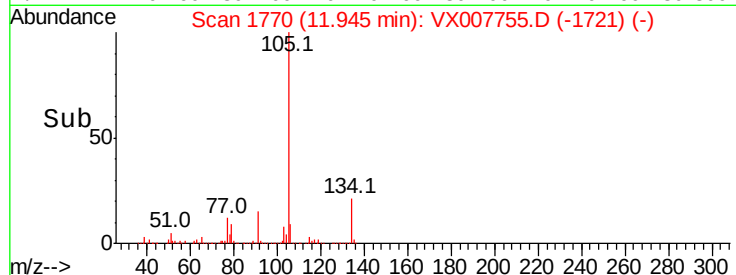
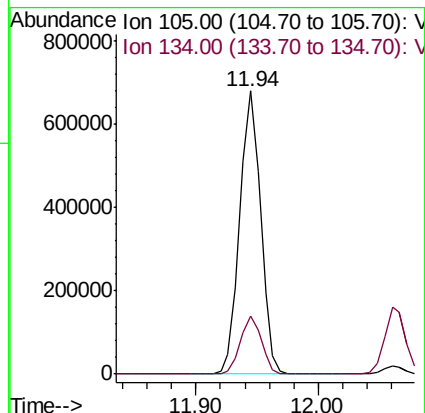
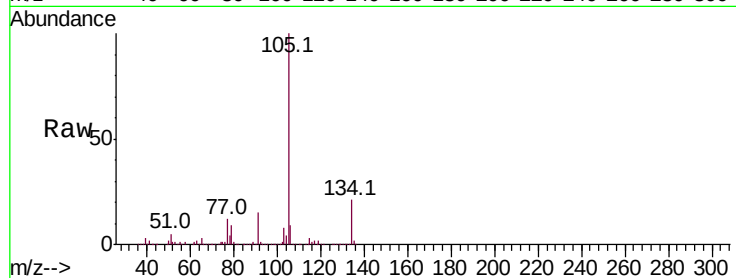
VSTDCCC050

Tot Ion:105 Resp: 803073

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 54.265 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

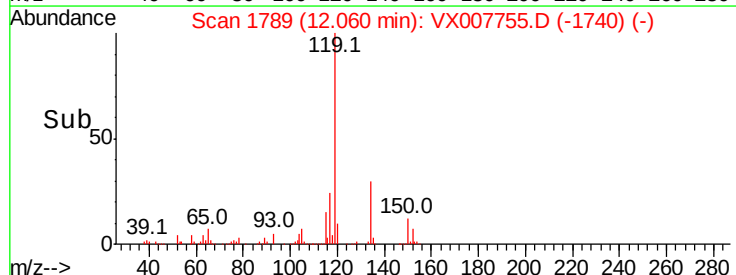
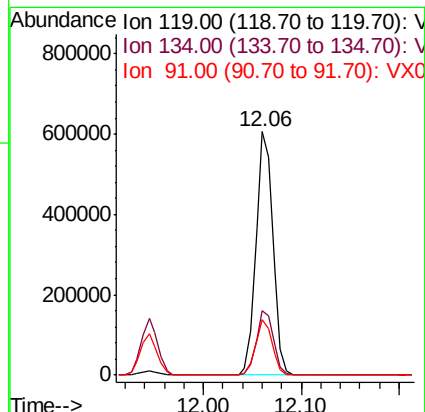
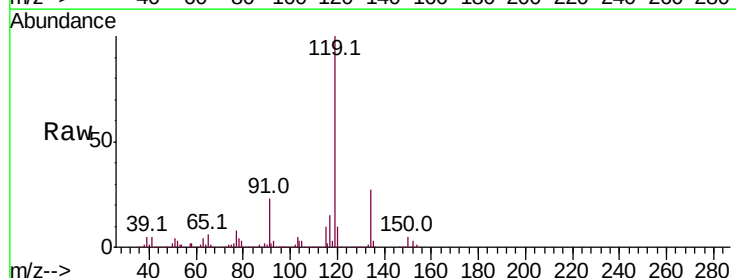
Tgt Ion:119 Resp: 726071

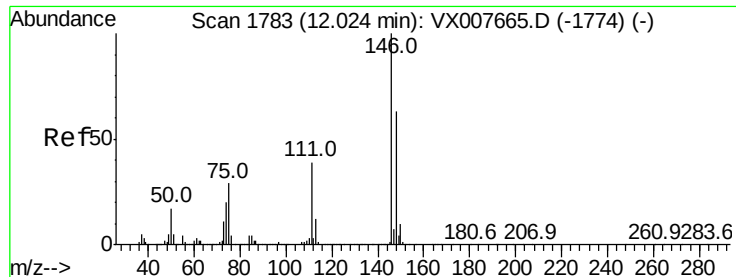
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 52.306 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

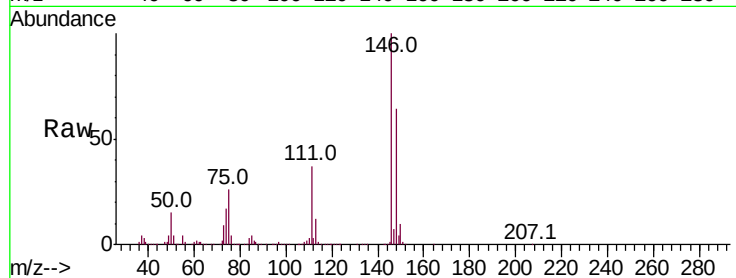
Tot Ion:146 Resp: 375680

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.1

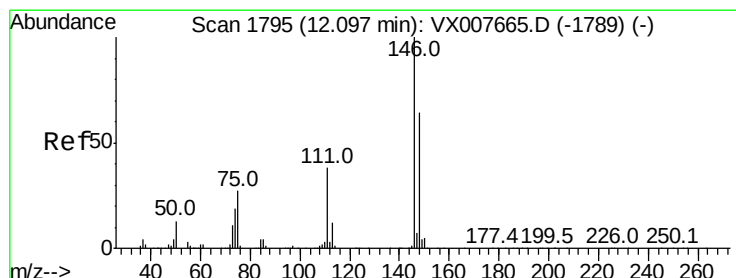
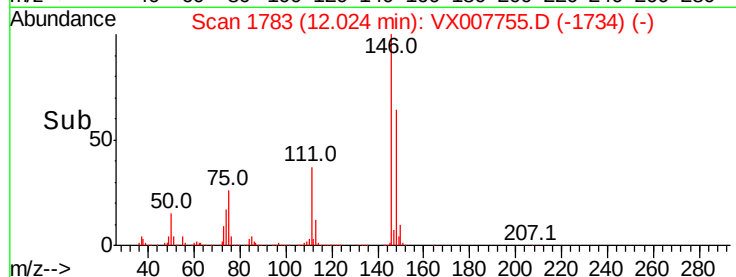
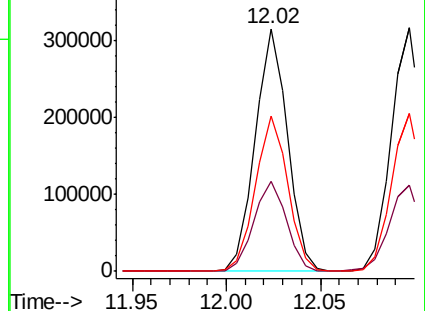
148 64.1 32.0 96.2



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: 51.731 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

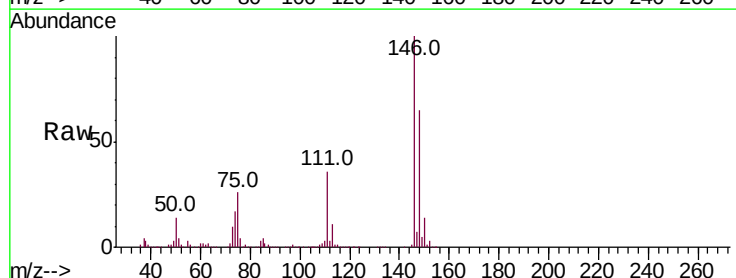
Tgt Ion:146 Resp: 380520

Ion Ratio Lower Upper

146 100

111 36.3 18.1 54.1

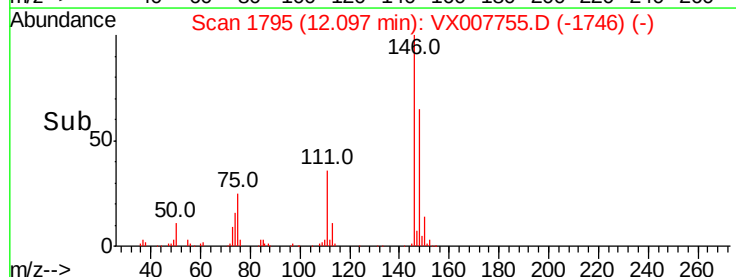
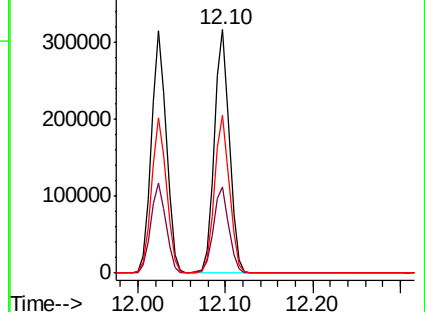
148 64.1 32.3 96.9

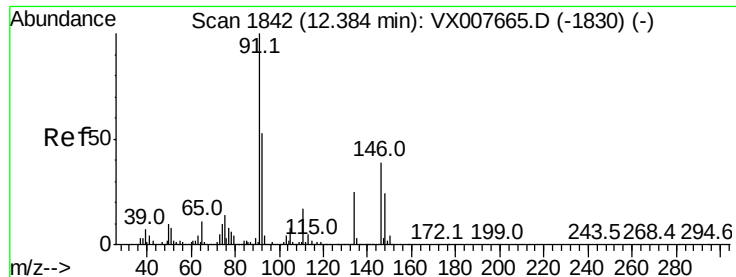


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.618 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

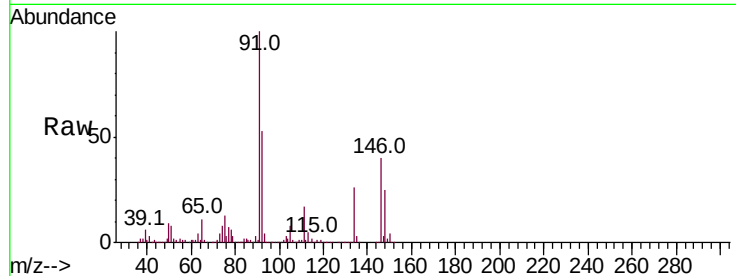
Tot Ion: 91 Resp: 627871

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

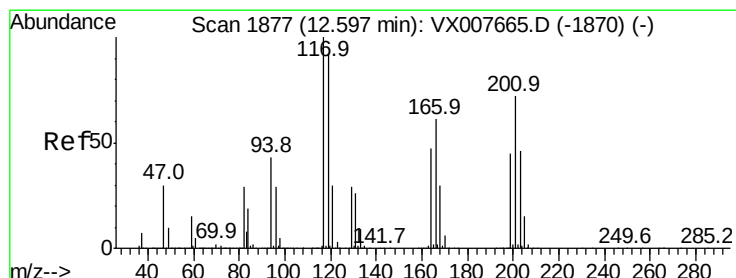
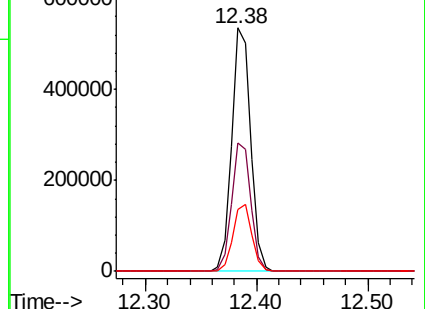
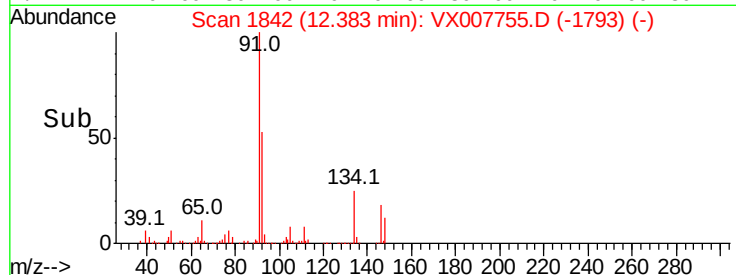
134 27.5 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX007755.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX007755.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX007755.D (-1793) (-)



#90

Hexachloroethane

Concen: 51.817 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007755.D

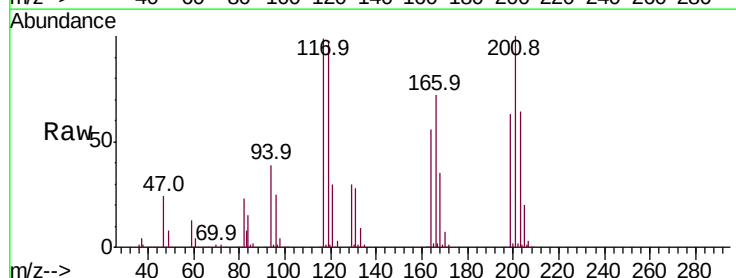
Acq: 28 Feb 2019 09:50

Tgt Ion: 117 Resp: 116819

Ion Ratio Lower Upper

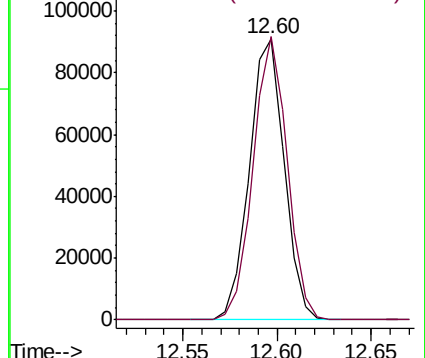
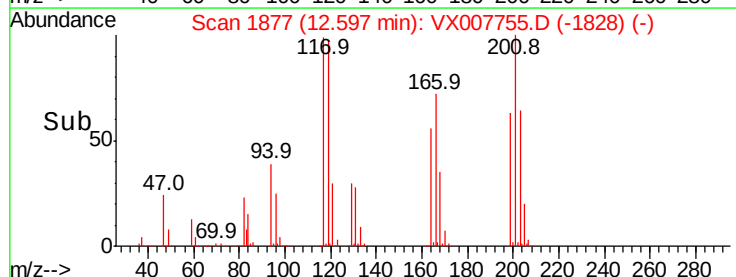
117 100

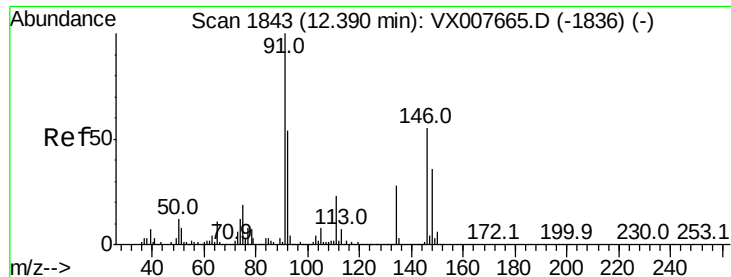
201 98.0 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): VX007755.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX007755.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 51.637 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

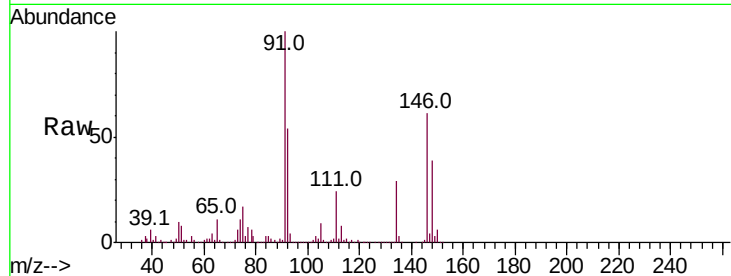
Tot Ion:146 Resp: 371081

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

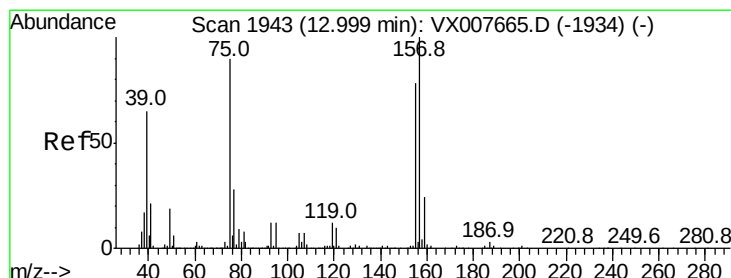
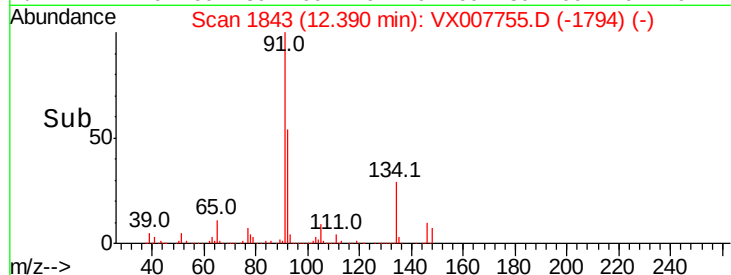
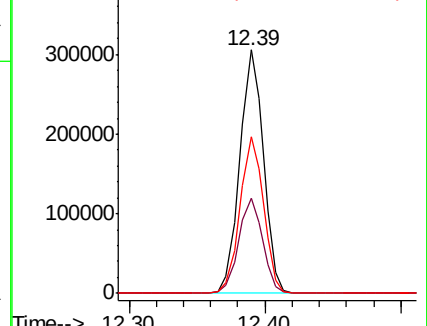
148 64.1 32.1 96.3



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: 46.399 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

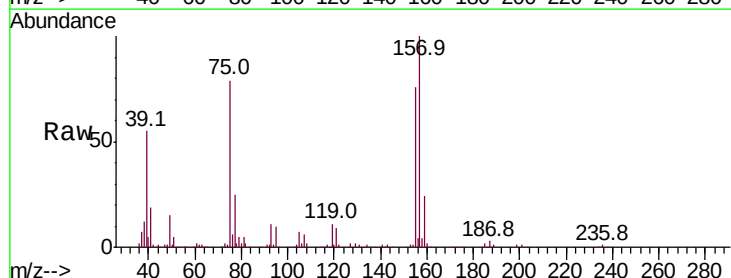
Tgt Ion: 75 Resp: 53980

Ion Ratio Lower Upper

75 100

155 95.9 49.6 149.0

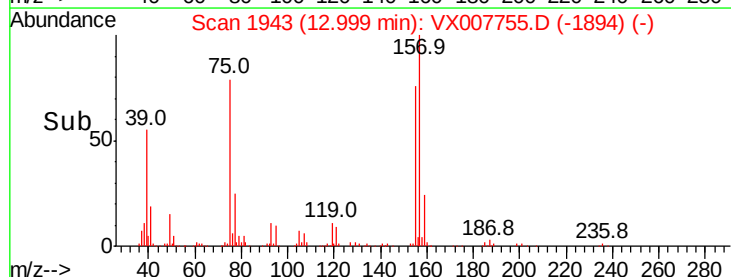
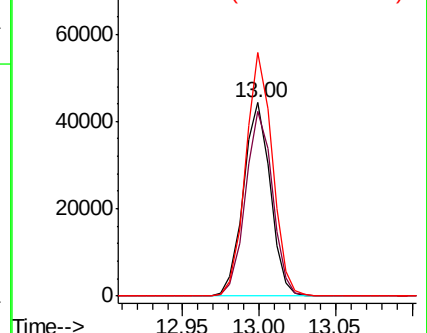
157 124.8 65.1 195.3

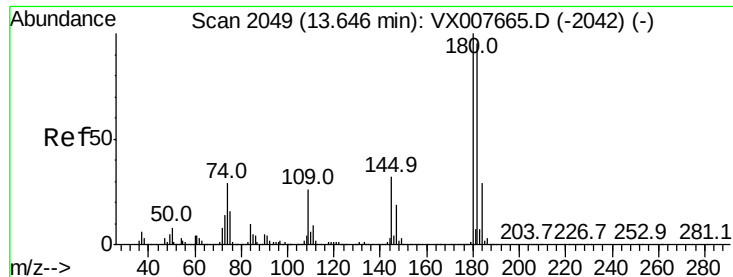


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

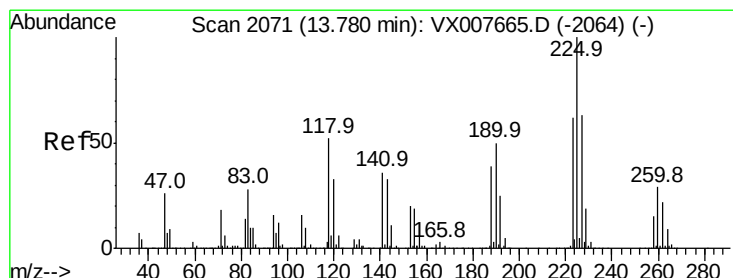
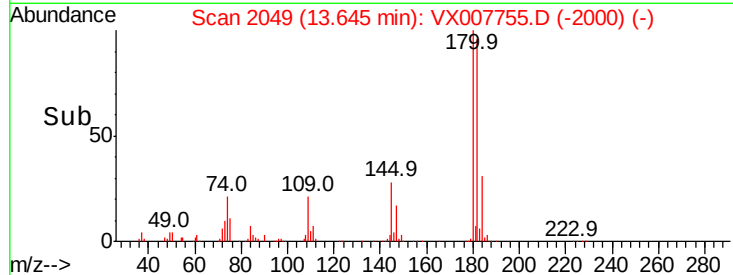
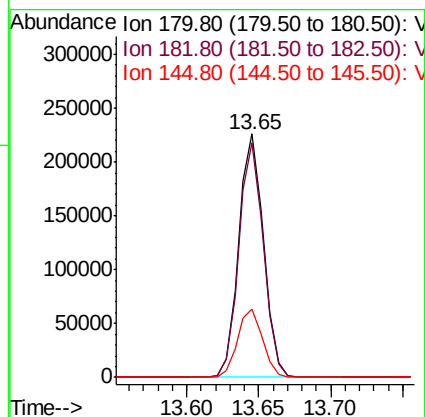
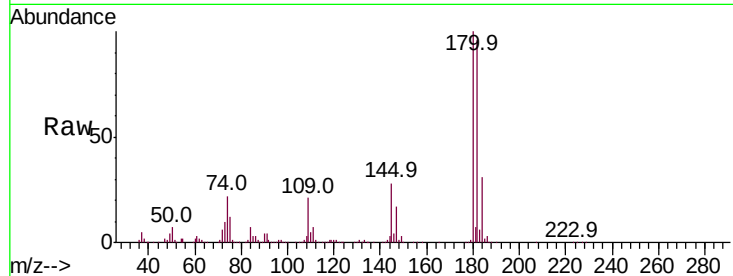




#93
1,2,4-Trichlorobenzene
Concen: 61.778 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

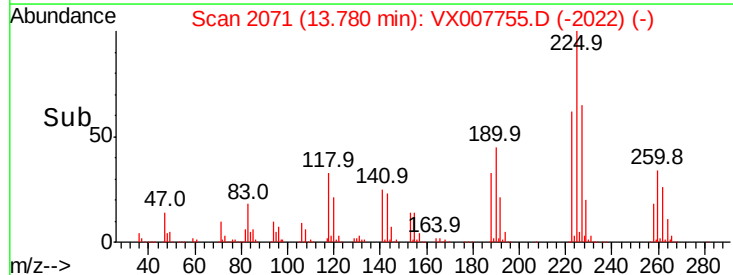
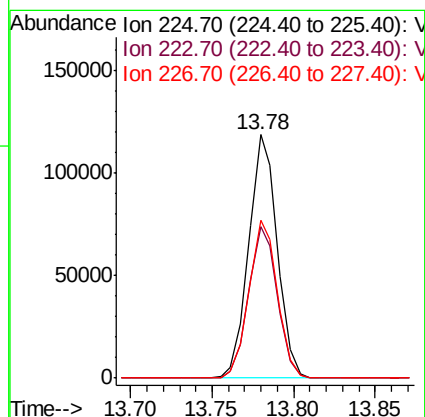
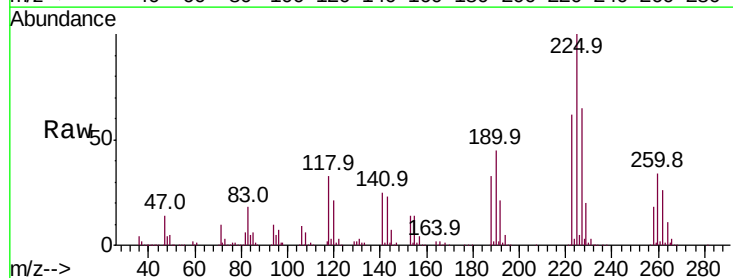
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

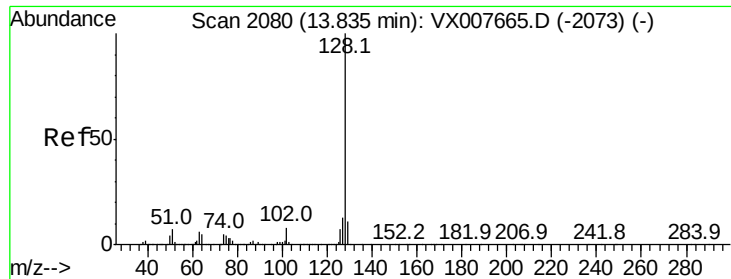
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	28.3	14.1	42.2



#94
Hexachlorobutadiene
Concen: 71.822 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	64.7	32.1	96.3

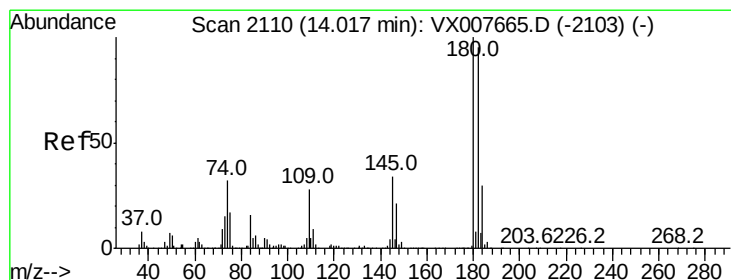
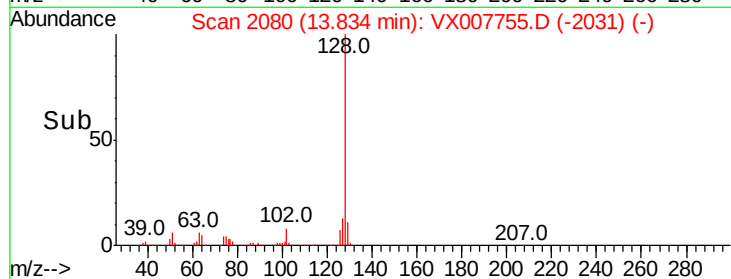
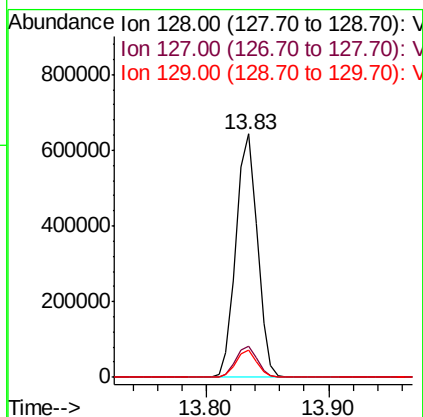
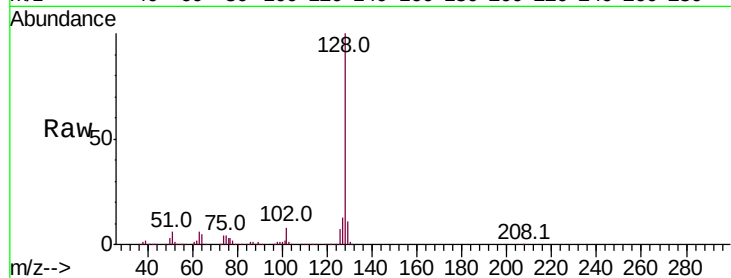




#95
Naphthalene
Concen: 54.580 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 775699
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 60.697 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion:180 Resp: 267347
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 29.9 14.9 44.5

