

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030719\
 Data File : VX007874.D
 Acq On : 07 Mar 2019 10:11
 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 08 04:39:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	338898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160023	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.50	113	142985	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.71	98	544809	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	194461	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148482	51.282	ug/l	100
3) Chloromethane	1.33	50	184782	49.522	ug/l	99
4) Vinyl Chloride	1.41	62	189356	51.074	ug/l	99
5) Bromomethane	1.64	94	90812	52.246	ug/l	99
6) Chloroethane	1.72	64	118182	47.984	ug/l	98
7) Trichlorofluoromethane	1.93	101	243537	50.453	ug/l	98
8) Diethyl Ether	2.19	74	104588	50.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155991	52.149	ug/l	99
10) Methyl Iodide	2.51	142	229228	54.017	ug/l	99
11) Tert butyl alcohol	3.07	59	185995	232.639	ug/l	100
12) 1,1-Dichloroethene	2.38	96	144838	50.232	ug/l	97
13) Acrolein	2.30	56	107370	237.389	ug/l	98
14) Allyl chloride	2.73	41	302839	49.983	ug/l	100
15) Acrylonitrile	3.15	53	487043	241.347	ug/l	100
16) Acetone	2.45	43	538907	260.435	ug/l	100
17) Carbon Disulfide	2.57	76	454655	51.942	ug/l	99
18) Methyl Acetate	2.78	43	215161	48.944	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	498776	50.282	ug/l	100
20) Methylene Chloride	2.86	84	161326	48.987	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	153992	48.537	ug/l	99
22) Diisopropyl ether	3.87	45	551568	49.661	ug/l	96
23) Vinyl Acetate	3.82	43	2440862	250.611	ug/l	100
24) 1,1-Dichloroethane	3.70	63	296362	49.584	ug/l	99
25) 2-Butanone	4.70	43	718989	245.427	ug/l	98
26) 2,2-Dichloropropane	4.59	77	209571	52.925	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177942	49.014	ug/l	100
28) Bromochloromethane	5.02	49	126627	45.443	ug/l	100
29) Tetrahydrofuran	5.15	42	437086	239.192	ug/l	100
30) Chloroform	5.21	83	280487	49.610	ug/l	99
31) Cyclohexane	5.57	56	283916	51.684	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	239317	51.016	ug/l	99
36) 1,1-Dichloropropene	5.80	75	221303	51.860	ug/l	99
37) Ethyl Acetate	4.85	43	250528	49.472	ug/l	99
38) Carbon Tetrachloride	5.78	117	214445	52.933	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293277	56.718	ug/l	98
40) Benzene	6.14	78	667352	52.530	ug/l	100
41) Methacrylonitrile	5.06	41	143403	51.940	ug/l	99
42) 1,2-Dichloroethane	6.20	62	214212	51.560	ug/l	100
43) Isopropyl Acetate	6.46	43	394949	52.698	ug/l	100
44) Trichloroethene	7.21	130	183177	52.321	ug/l	97
45) 1,2-Dichloropropane	7.51	63	177168	52.801	ug/l	100
46) Dibromomethane	7.66	93	110055	51.828	ug/l	100
47) Bromodichloromethane	7.90	83	213251	52.969	ug/l	99
48) Methyl methacrylate	7.77	41	208697	52.964	ug/l	99
49) 1,4-Dioxane	7.75	88	81082	1001.713	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1261365	261.706	ug/l	100
52) Toluene	8.78	92	419517	54.088	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	242355	57.675	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	267648	56.404	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	167390	53.313	ug/l	99
56) Ethyl methacrylate	9.18	69	262693	55.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279912	53.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	583776	239.394	ug/l	99
59) 2-Hexanone	9.49	43	974693	260.475	ug/l	100
60) Dibromochloromethane	9.58	129	181764	55.385	ug/l	100
61) 1,2-Dibromoethane	9.67	107	177621	53.283	ug/l	100
64) Tetrachloroethene	9.34	164	182666	51.950	ug/l	99
65) Chlorobenzene	10.13	112	464691	52.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	169176	53.163	ug/l	100
67) Ethyl Benzene	10.25	91	793381	54.283	ug/l	100
68) m/p-Xylenes	10.36	106	615576	109.268	ug/l	100
69) o-Xylene	10.69	106	295316	54.297	ug/l	99
70) Styrene	10.71	104	489454	54.994	ug/l	100
71) Bromoform	10.85	173	145219	53.139	ug/l #	100
73) Isopropylbenzene	11.02	105	801243	54.471	ug/l	100
74) N-amyl acetate	10.90	43	341745	50.890	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	245460	48.377	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	291515	63.873	ug/l	91
77) Bromobenzene	11.26	156	209265	51.890	ug/l	100
78) n-propylbenzene	11.36	91	910796	55.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	526600	52.778	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	662389	54.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78917	55.271	ug/l	98
82) 4-Chlorotoluene	11.51	91	611510	53.480	ug/l	100
83) tert-Butylbenzene	11.77	119	658503	53.997	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	676017	54.469	ug/l	100
85) sec-Butylbenzene	11.94	105	807613	56.229	ug/l	100
86) p-Isopropyltoluene	12.06	119	729148	56.686	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	373455	52.343	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374593	51.268	ug/l	100
89) n-Butylbenzene	12.38	91	633006	58.086	ug/l	99
90) Hexachloroethane	12.60	117	119031	55.347	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	364241	51.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51122	48.210	ug/l	97

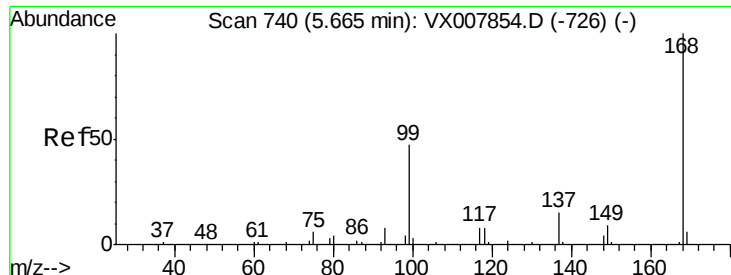
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	272921	54.813	ug/l	100
94) Hexachlorobutadiene	13.78	225	146478	56.268	ug/l	99
95) Naphthalene	13.83	128	771644	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268280	54.088	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

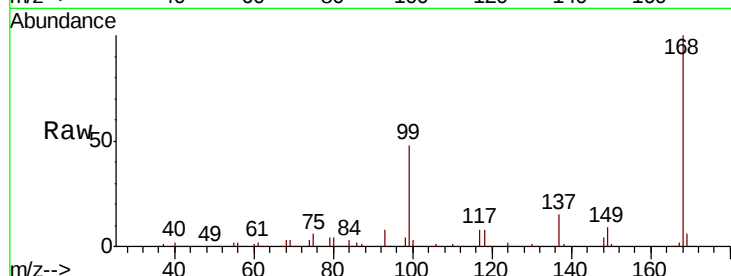
VSTDCCC050

Tgt Ion:168 Resp: 338898

Ion Ratio Lower Upper

168 100

99 47.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX007854.D (-726) (-)

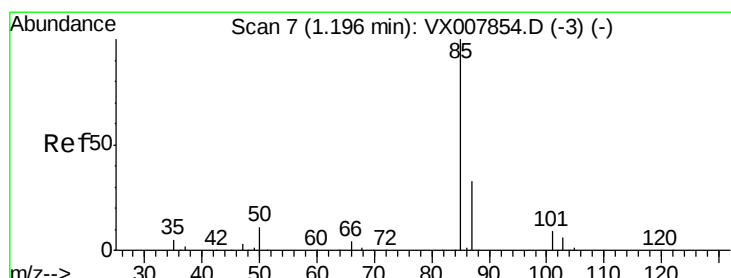
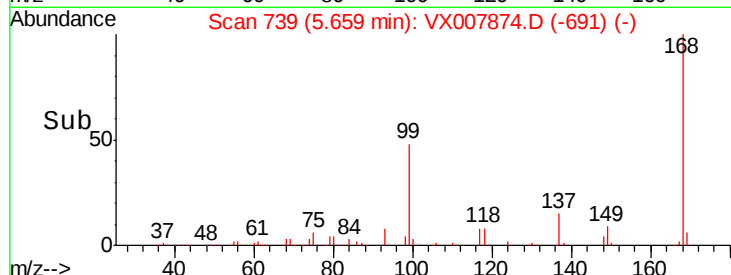
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.282 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007874.D

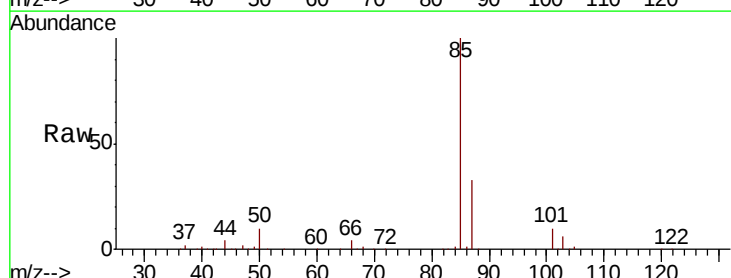
Acq: 07 Mar 2019 10:11

Tgt Ion: 85 Resp: 148482

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX007854.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX007854.D (-3) (-)

1.20

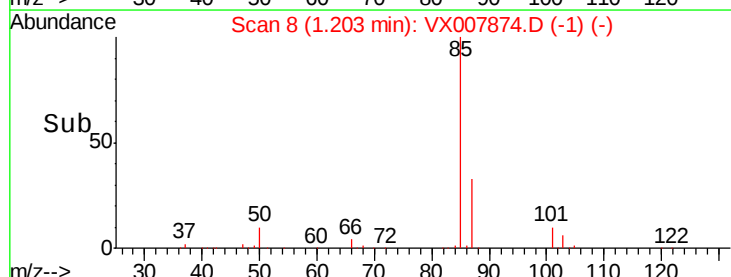
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.522 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

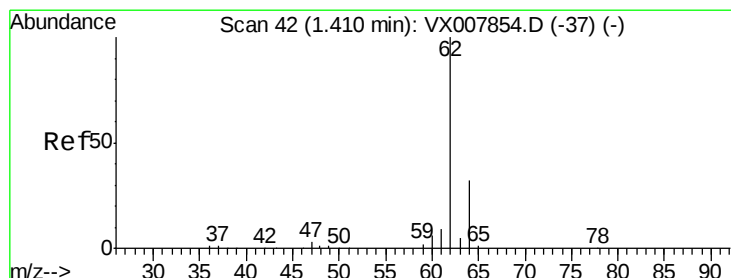
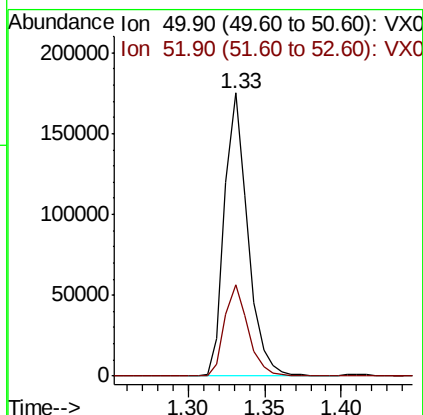
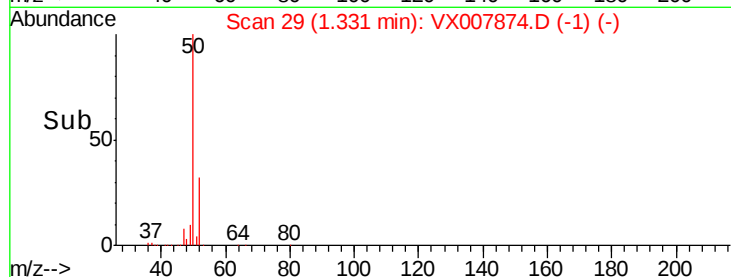
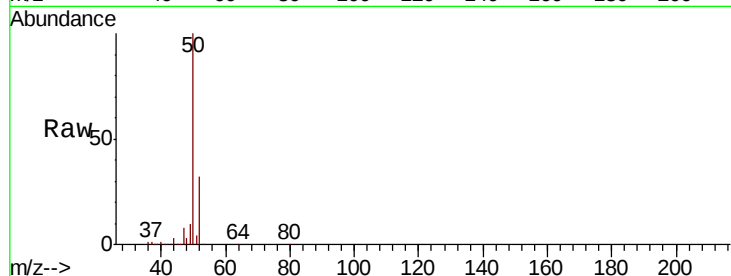
VSTDCCC050

Tgt Ion: 50 Resp: 184782

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 51.074 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007874.D

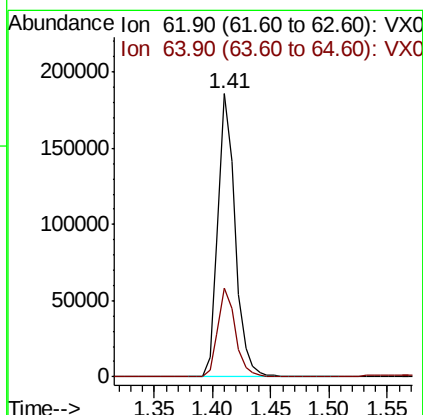
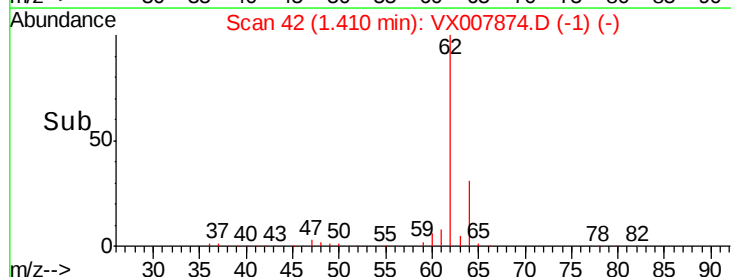
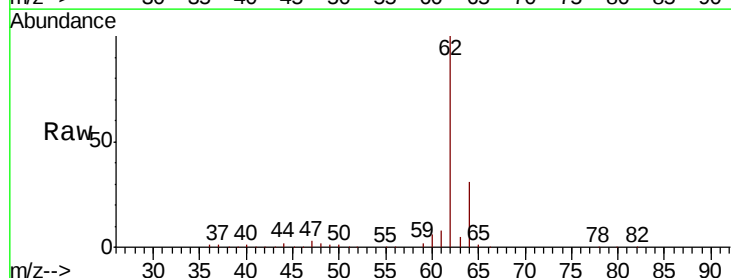
Acq: 07 Mar 2019 10:11

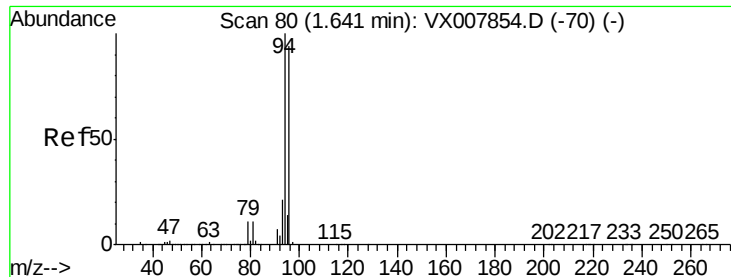
Tgt Ion: 62 Resp: 189356

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 52.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

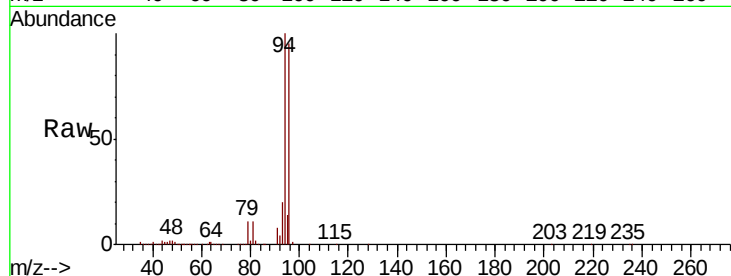
VSTDCCC050

Tgt Ion: 94 Resp: 90812

Ion Ratio Lower Upper

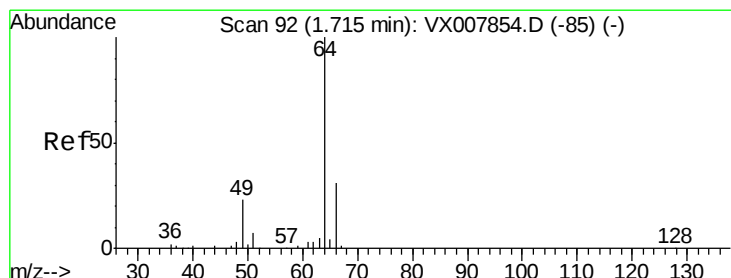
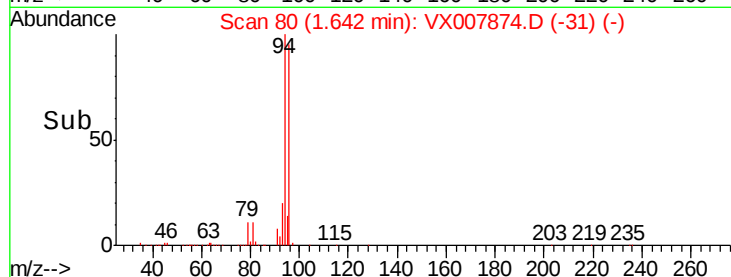
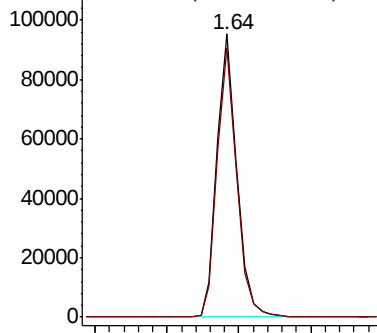
94 100

96 94.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.984 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007874.D

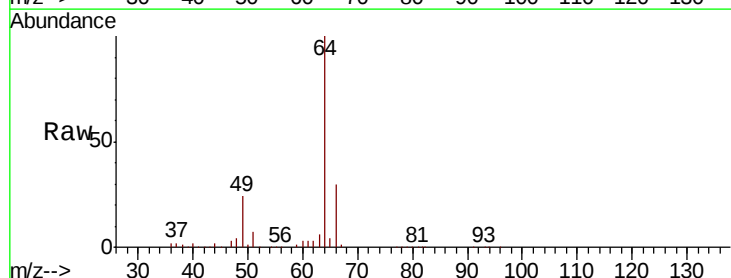
Acq: 07 Mar 2019 10:11

Tgt Ion: 64 Resp: 118182

Ion Ratio Lower Upper

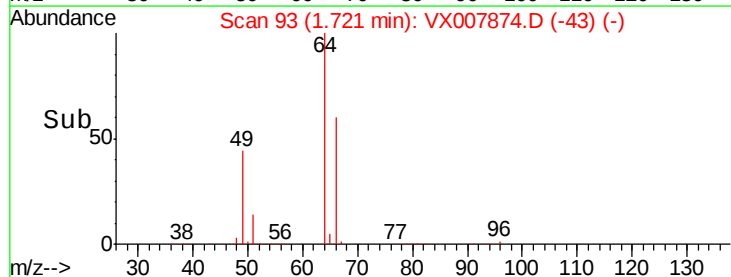
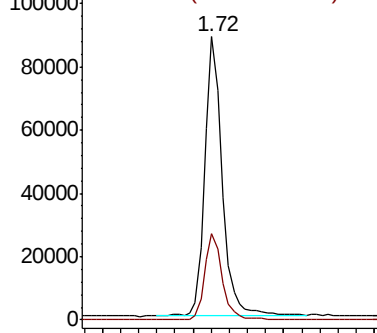
64 100

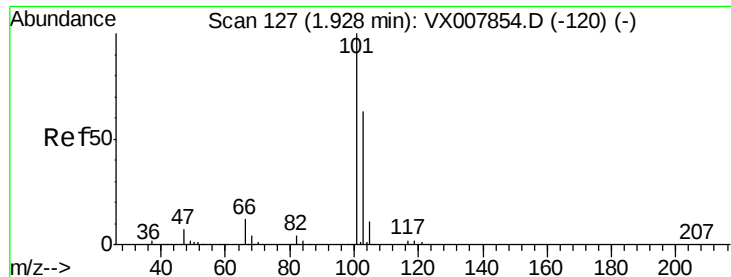
66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



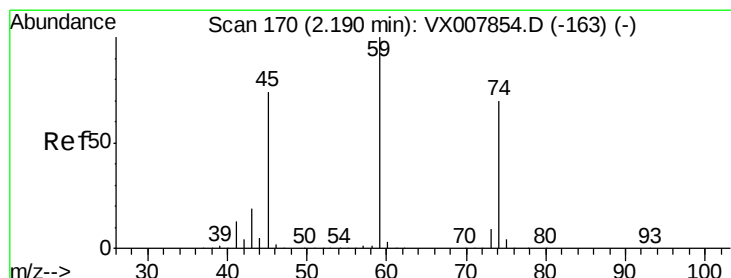
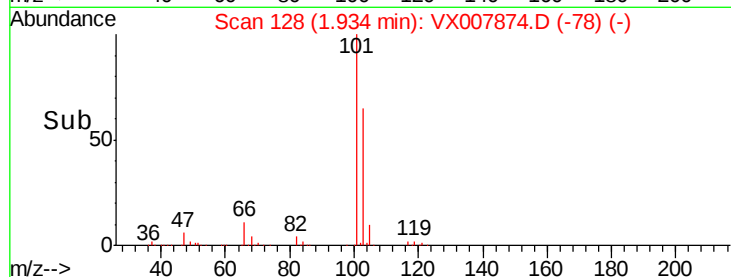
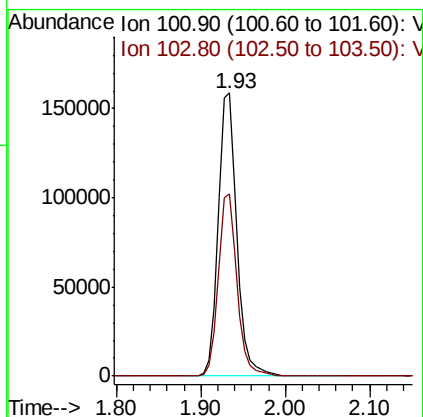
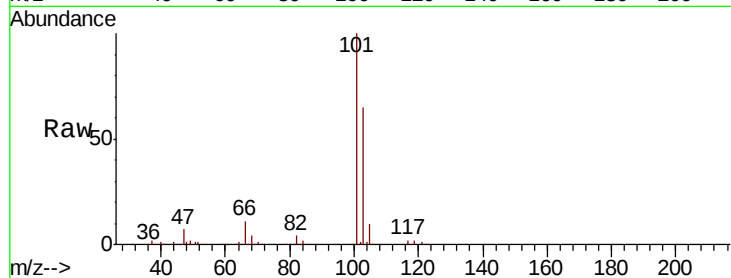


#7

Trichlorofluoromethane
Concen: 50.453 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

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ClientSampleId :
VSTDCCC050

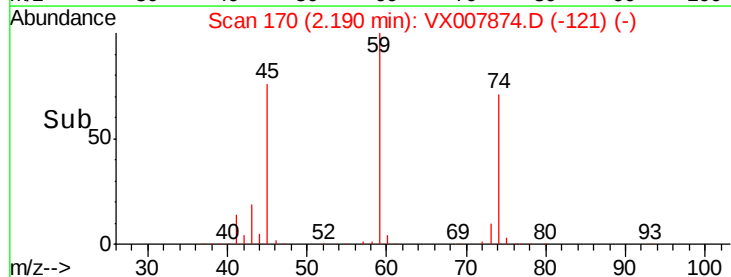
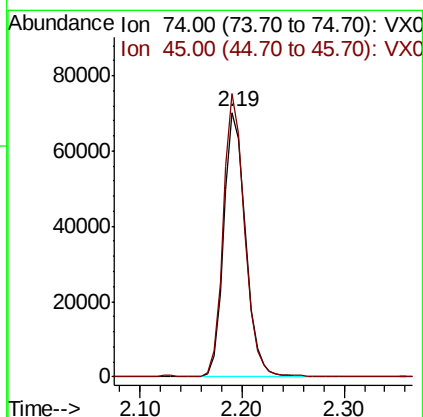
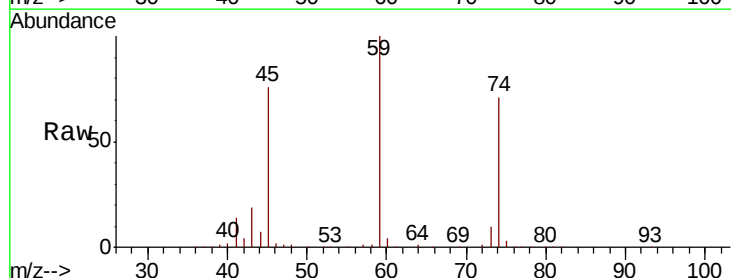
Tgt Ion:101 Resp: 243537
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

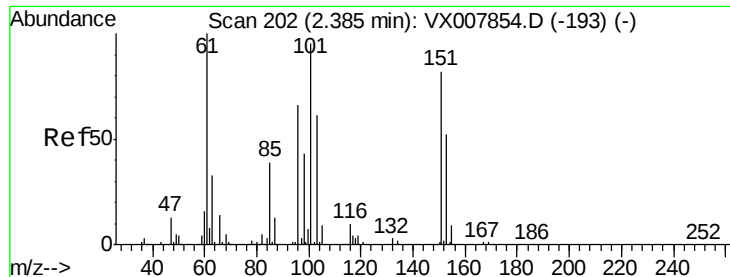


#8

Diethyl Ether
Concen: 50.036 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 74 Resp: 104588
Ion Ratio Lower Upper
74 100
45 104.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.149 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

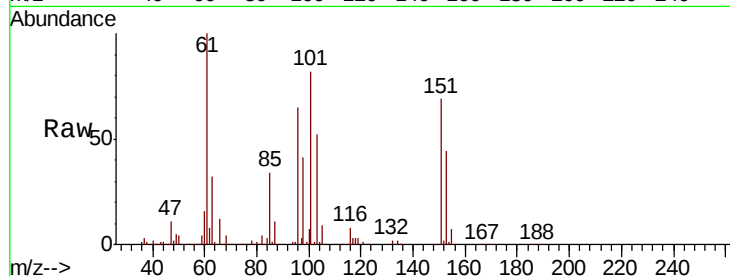
Tgt Ion:101 Resp: 155991

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

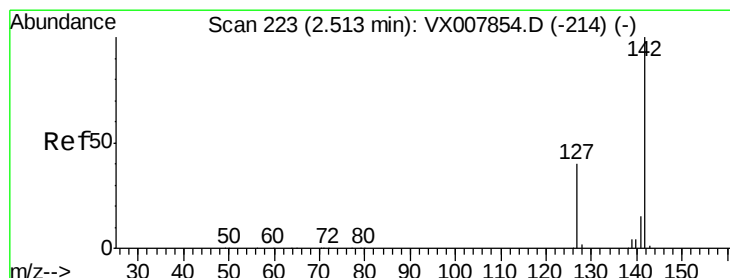
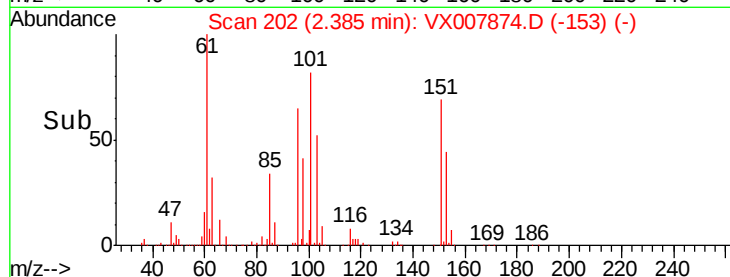
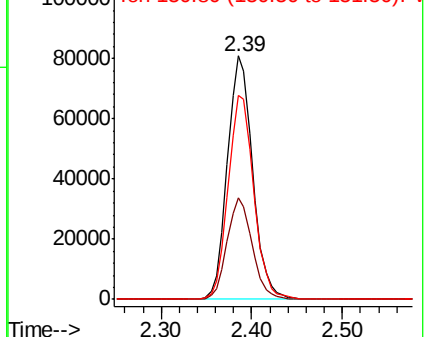
151 85.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.017 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

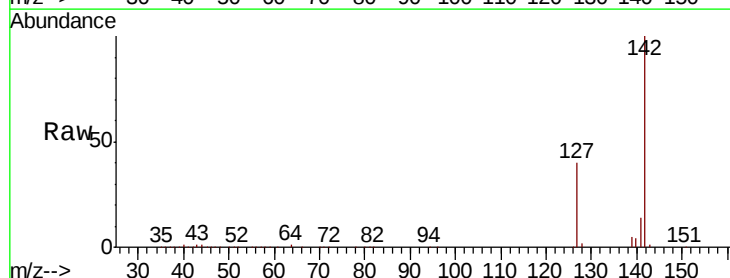
Tgt Ion:142 Resp: 229228

Ion Ratio Lower Upper

142 100

127 39.3 32.1 48.1

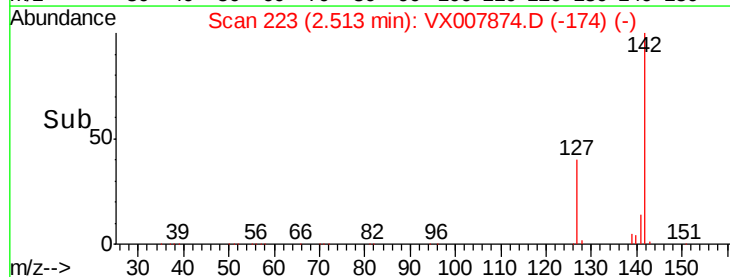
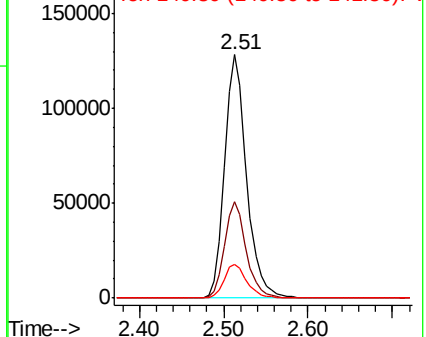
141 14.3 11.4 17.2

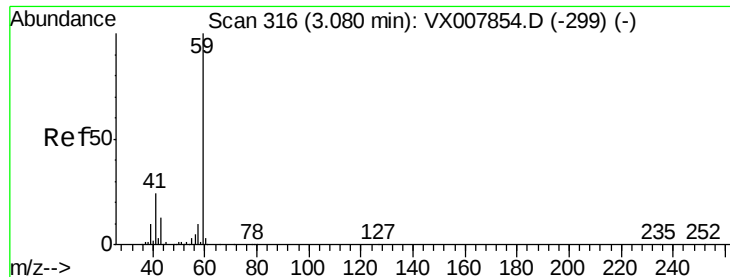


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

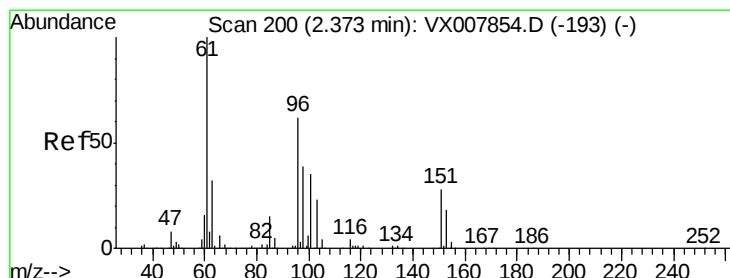
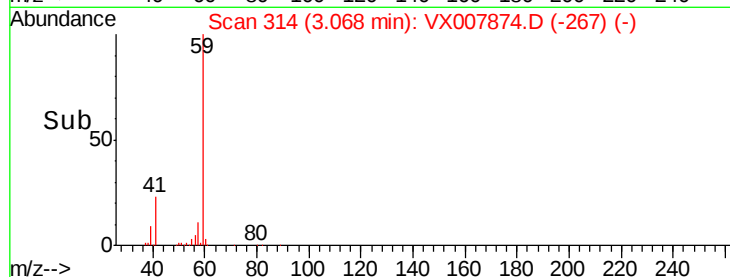
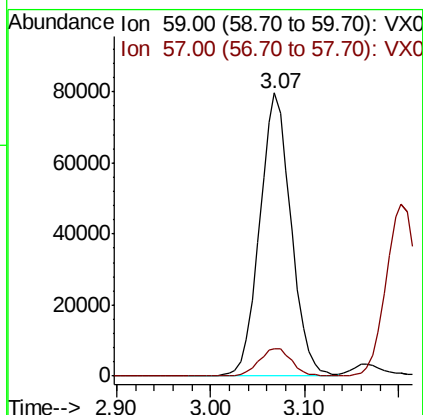
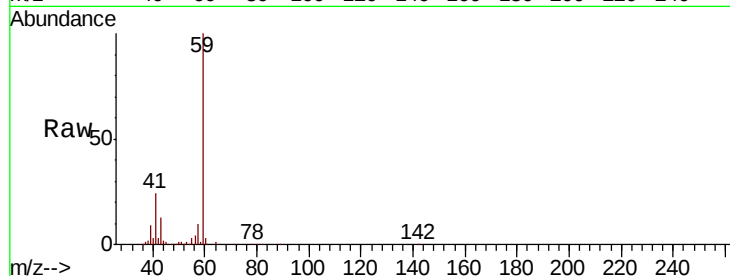




#11
Tert butyl alcohol
Concen: 232.639 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

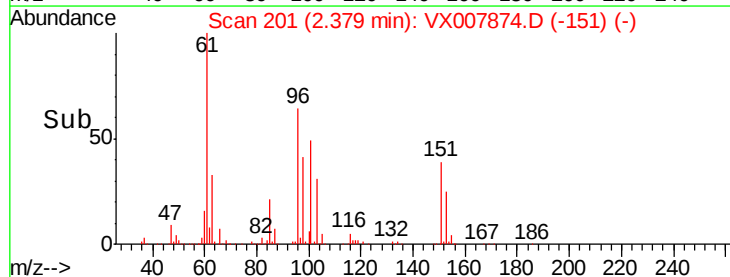
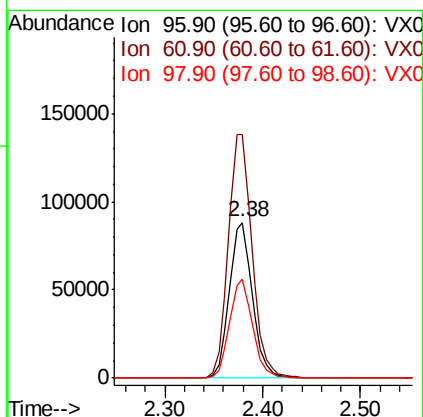
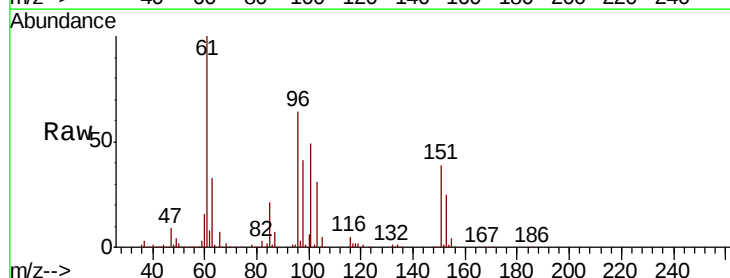
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

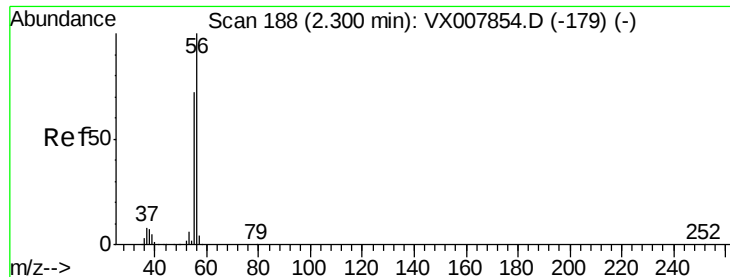
Tgt Ion: 59 Resp: 185995
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.232 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 96 Resp: 144838
Ion Ratio Lower Upper
96 100
61 156.3 129.8 194.6
98 63.5 51.0 76.6





#13

Acrolein

Concen: 237.389 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

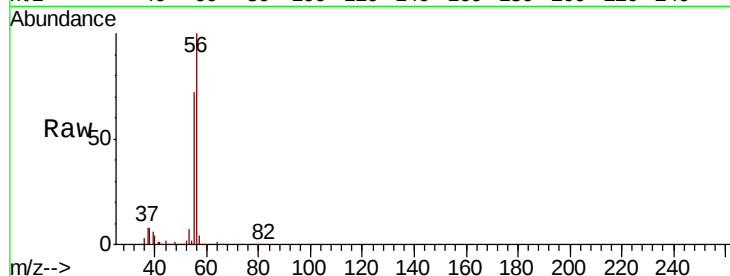
VSTDCCC050

Tgt Ion: 56 Resp: 107370

Ion Ratio Lower Upper

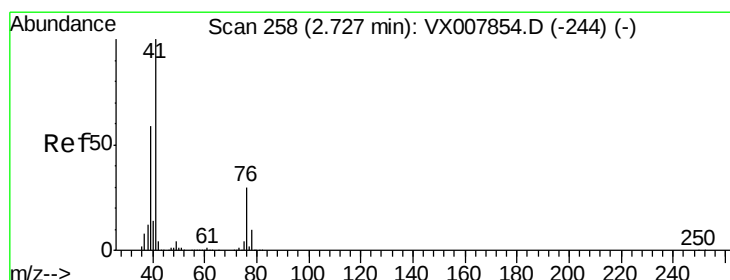
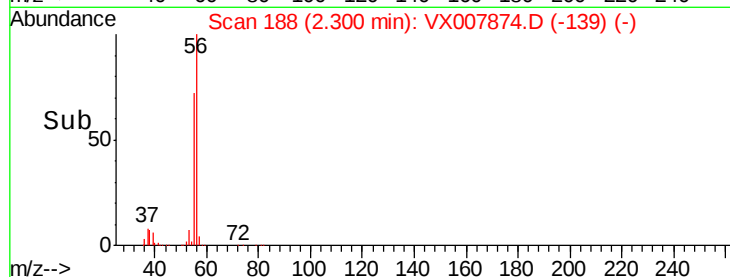
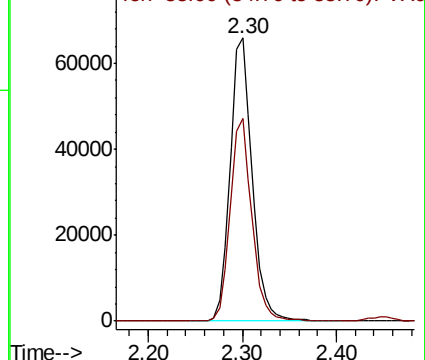
56 100

55 70.7 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.983 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

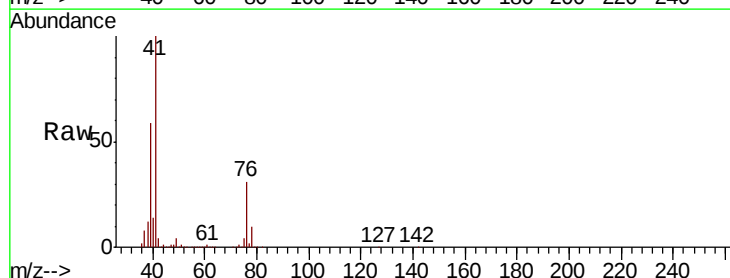
Tgt Ion: 41 Resp: 302839

Ion Ratio Lower Upper

41 100

39 57.4 46.1 69.1

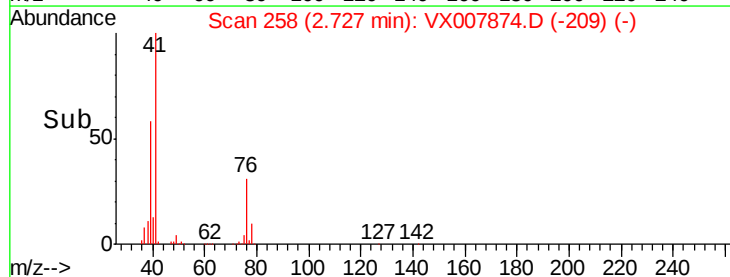
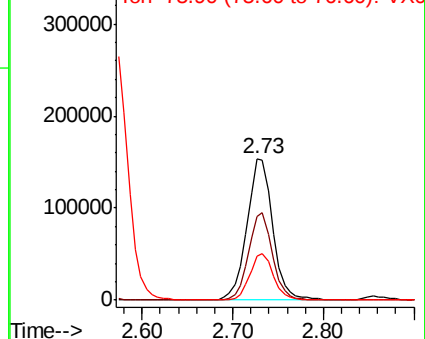
76 30.4 24.0 36.0

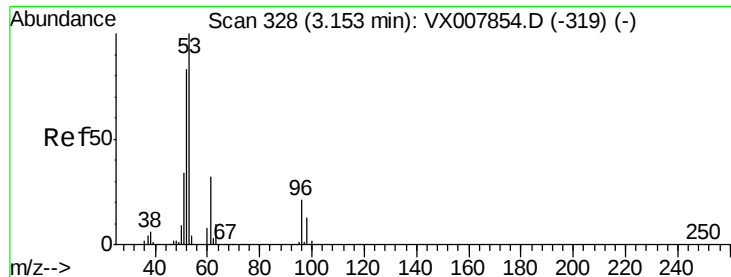


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

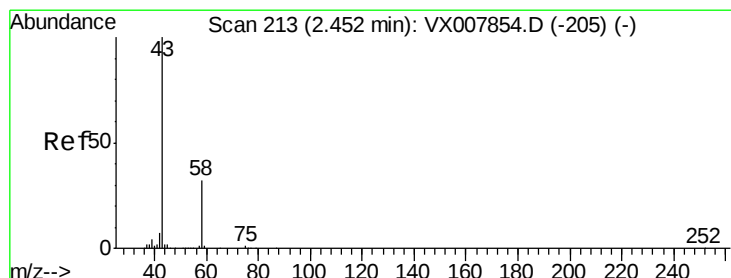
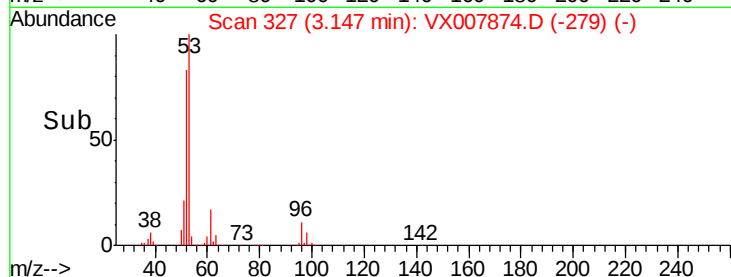
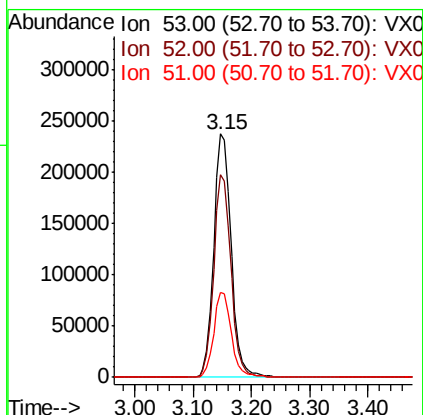
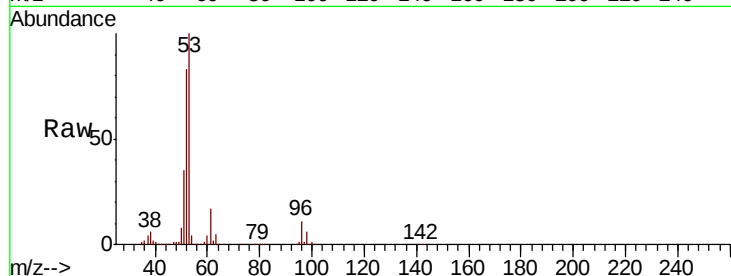




#15
 Acrylonitrile
 Concen: 241.347 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

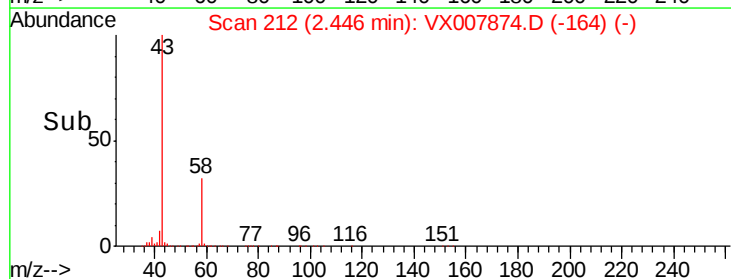
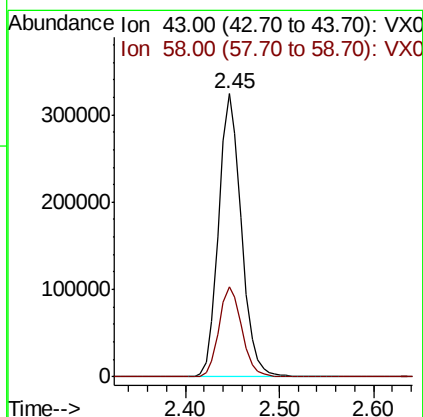
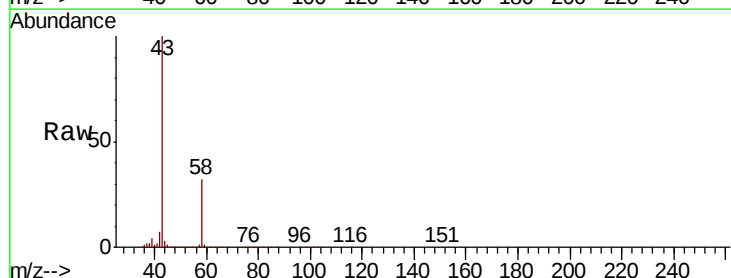
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

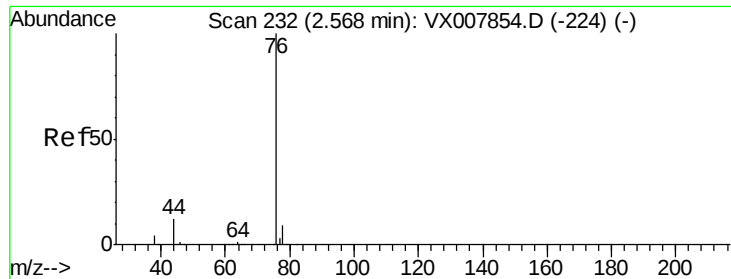
Tgt Ion: 53 Resp: 487043
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.0 99.0
 51 35.0 28.0 42.0



#16
 Acetone
 Concen: 260.435 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 43 Resp: 538907
 Ion Ratio Lower Upper
 43 100
 58 31.8 25.5 38.3

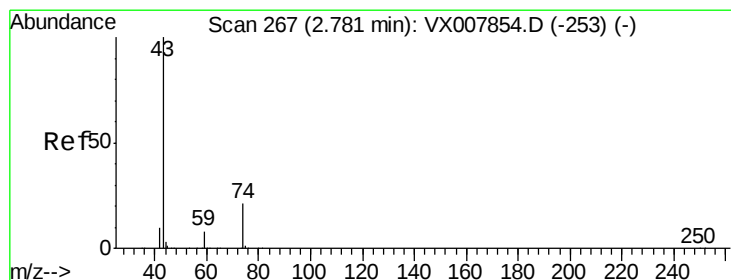
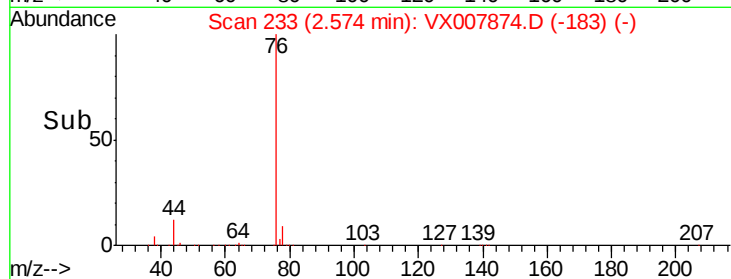
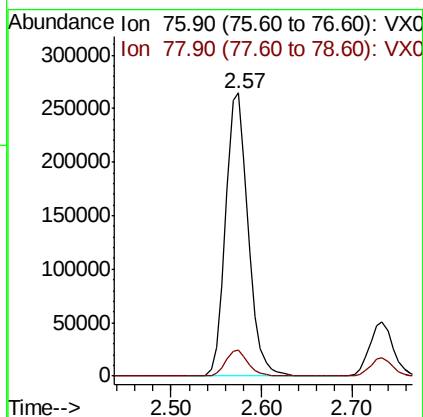
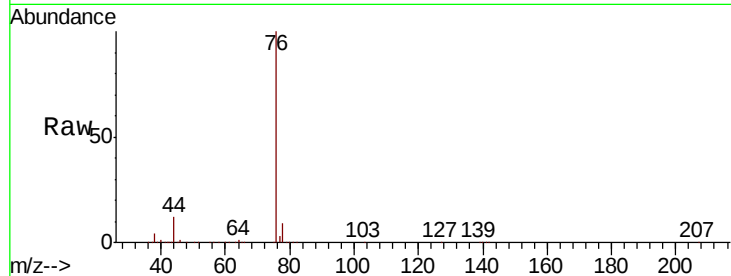




#17
Carbon Disulfide
Concen: 51.942 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

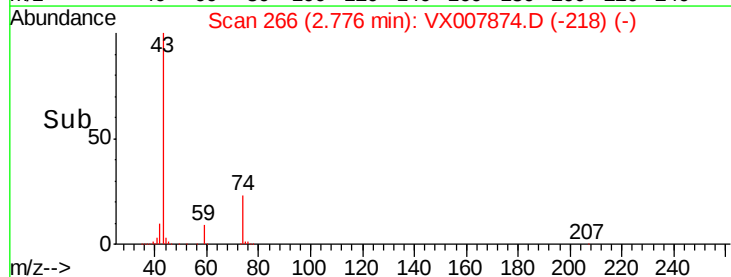
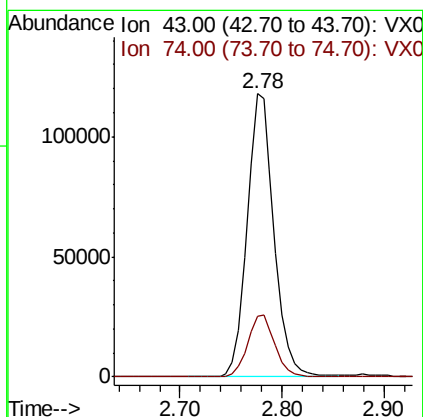
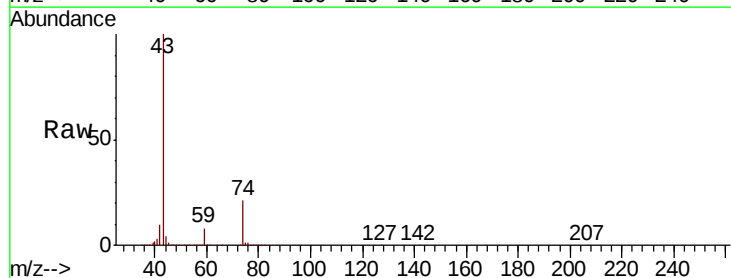
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

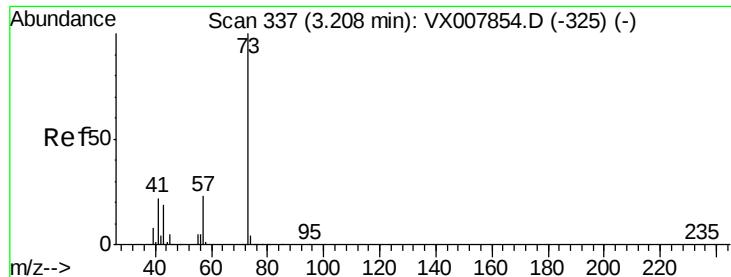
Tgt Ion: 76 Resp: 454655
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 48.944 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 43 Resp: 215161
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6



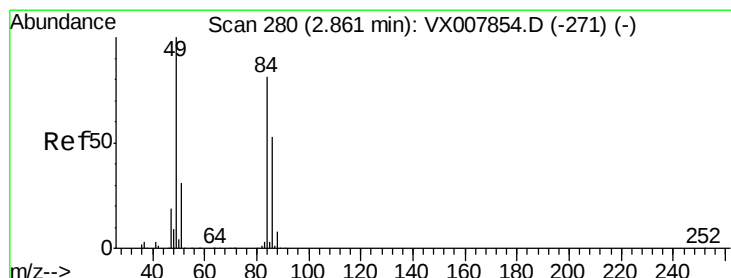
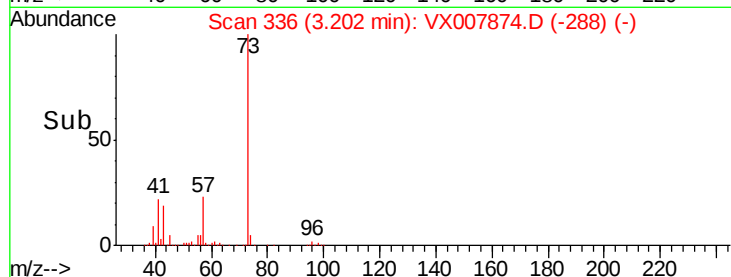
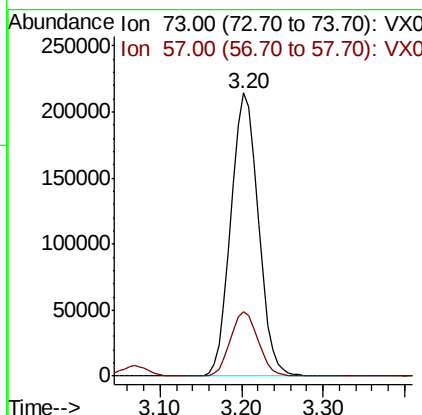
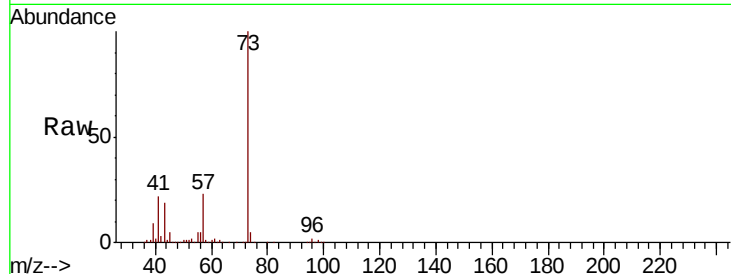


#19

Methyl tert-butyl Ether
 Concen: 50.282 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

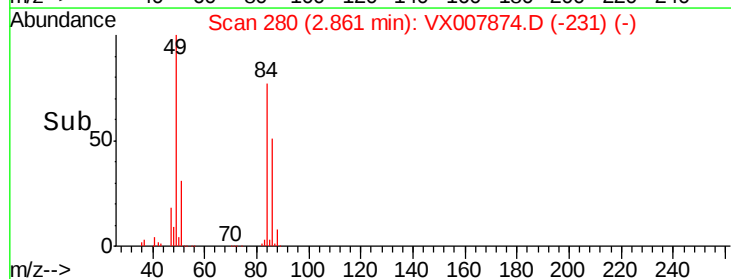
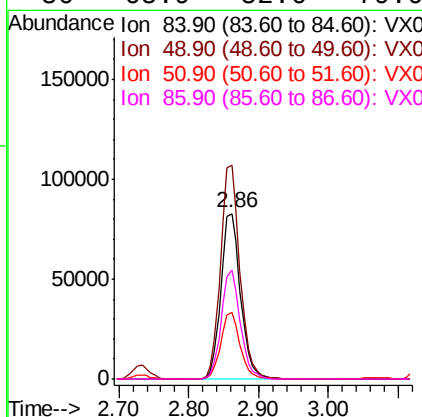
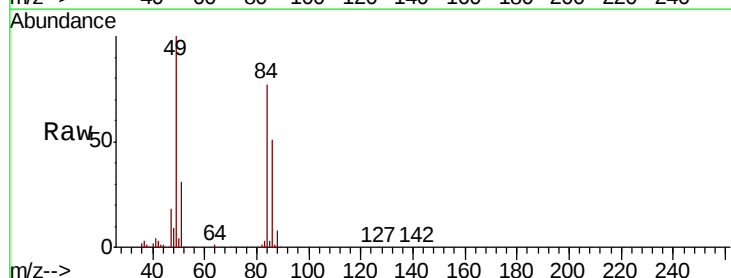
Tgt Ion: 73 Resp: 498776
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.2 27.4



#20

Methylene Chloride
 Concen: 48.987 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 84 Resp: 161326
 Ion Ratio Lower Upper
 84 100
 49 129.1 99.3 148.9
 51 39.9 31.3 46.9
 86 65.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.537 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

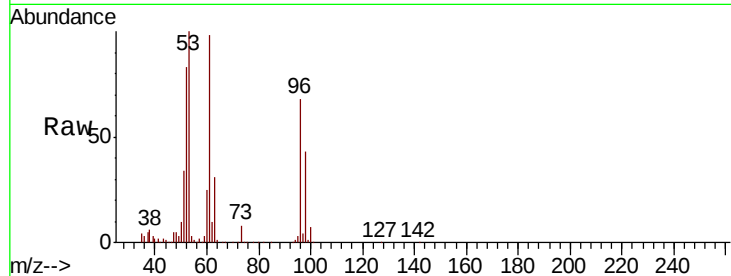
Tgt Ion: 96 Resp: 153992

Ion Ratio Lower Upper

96 100

61 142.6 114.4 171.6

98 62.6 51.1 76.7

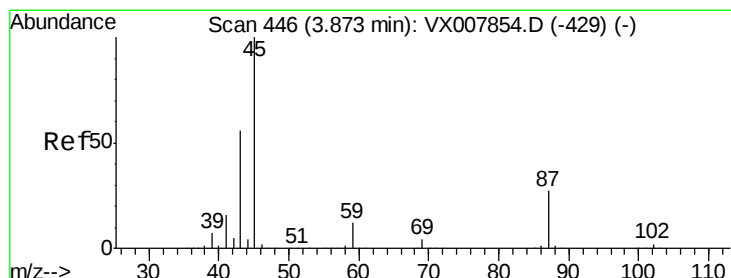
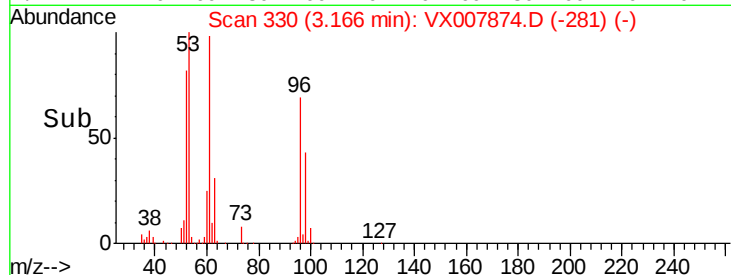
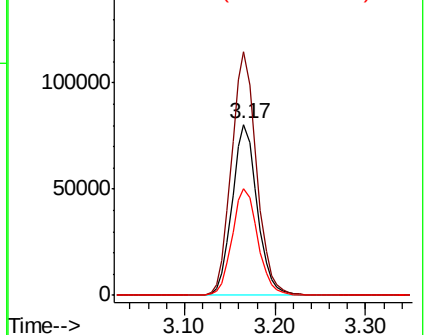


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.661 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Tgt Ion: 45 Resp: 551568

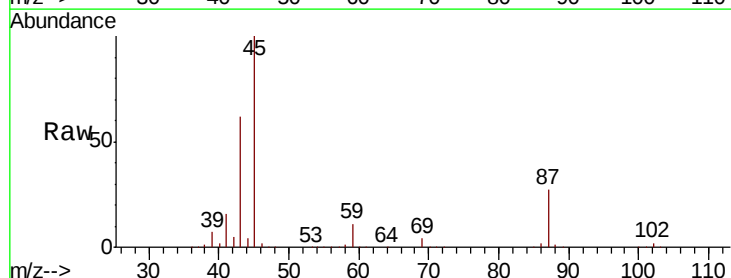
Ion Ratio Lower Upper

45 100

43 61.4 45.3 67.9

87 26.5 21.4 32.0

59 11.4 9.5 14.3



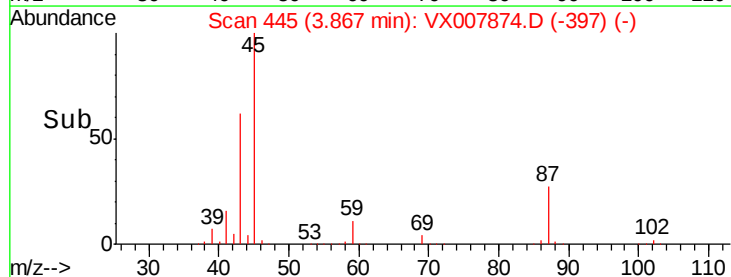
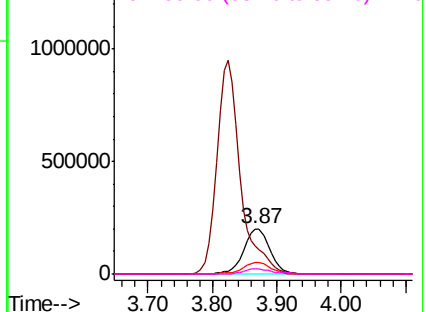
Abundance

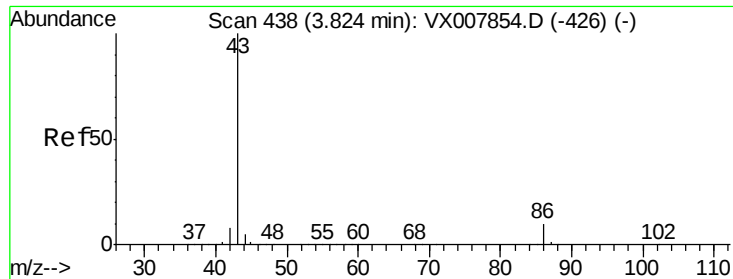
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.611 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

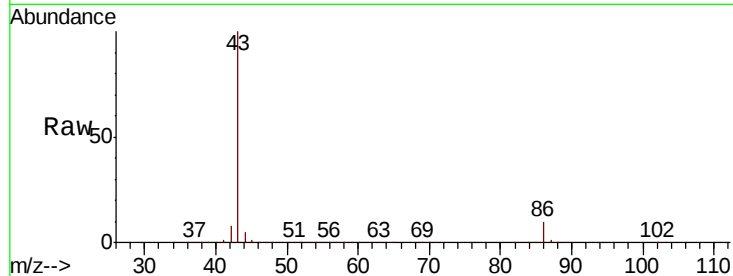
VSTDCCC050

Tgt Ion: 43 Resp: 2440862

Ion Ratio Lower Upper

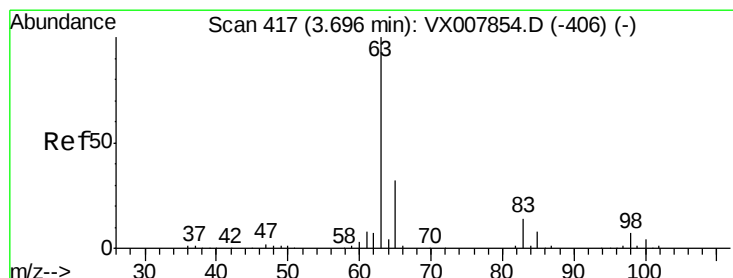
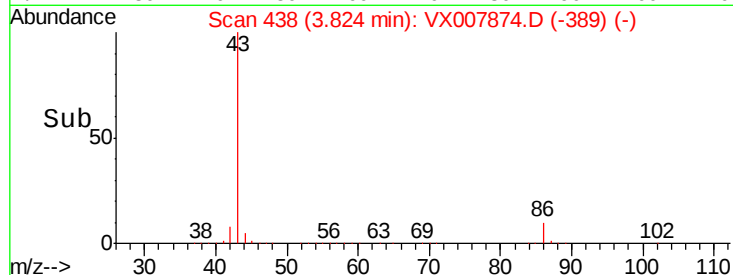
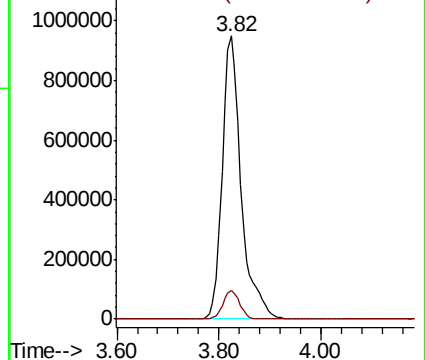
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.584 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

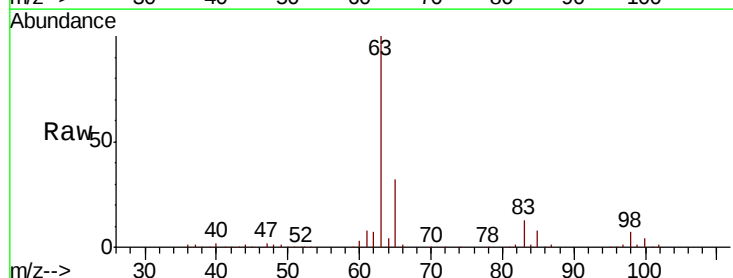
Tgt Ion: 63 Resp: 296362

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

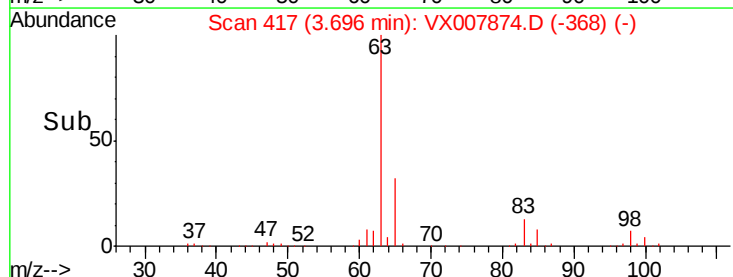
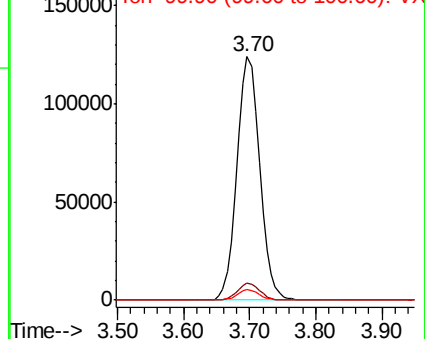
100 4.1 2.3 6.8

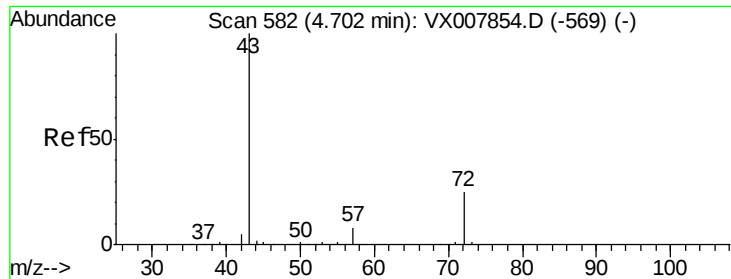


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.427 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

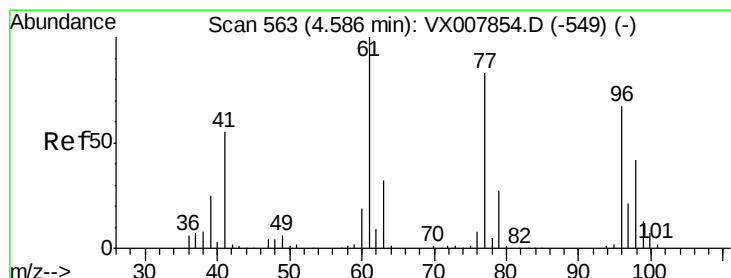
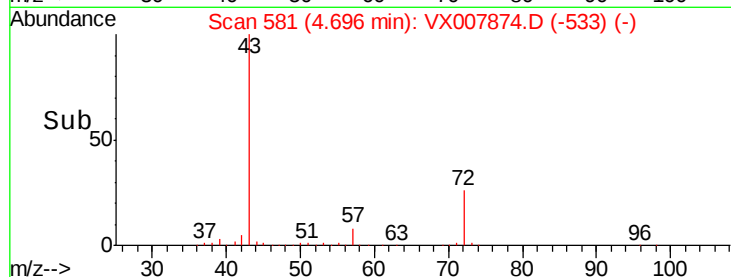
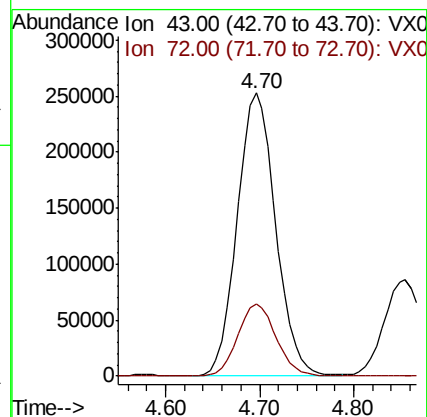
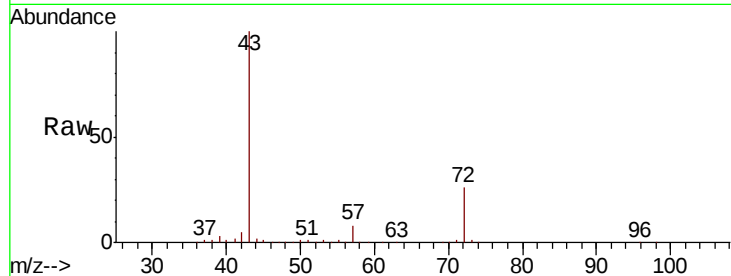
VSTDCCC050

Tgt Ion: 43 Resp: 718989

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 52.925 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007874.D

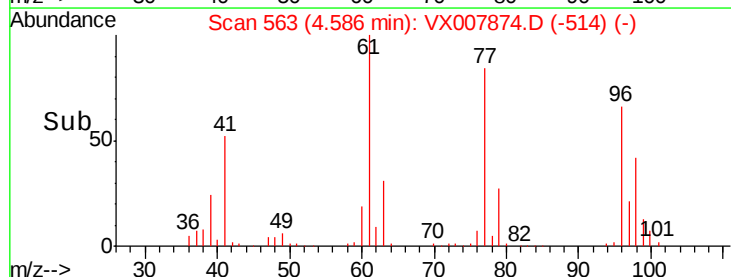
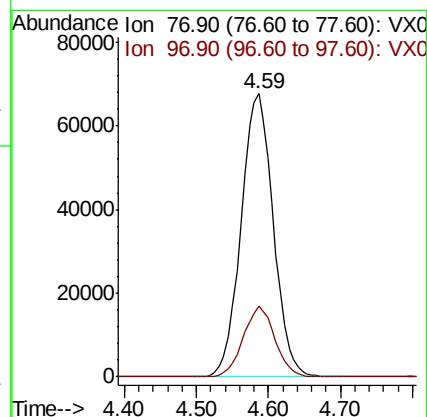
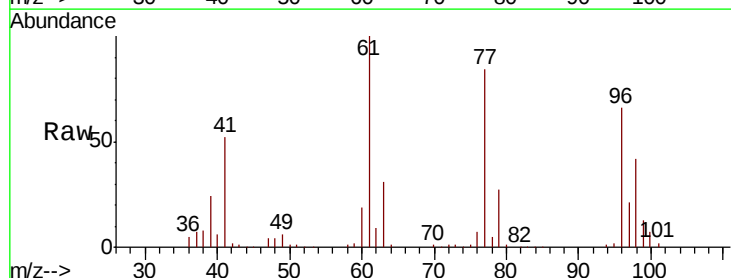
Acq: 07 Mar 2019 10:11

Tgt Ion: 77 Resp: 209571

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6



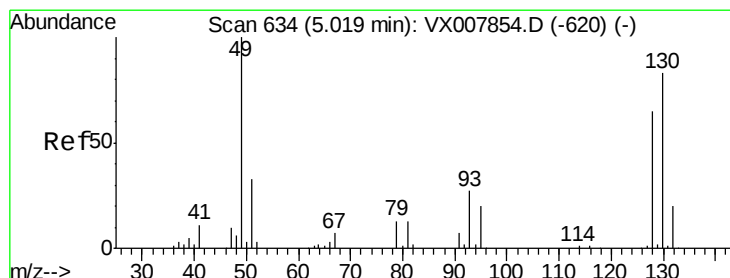
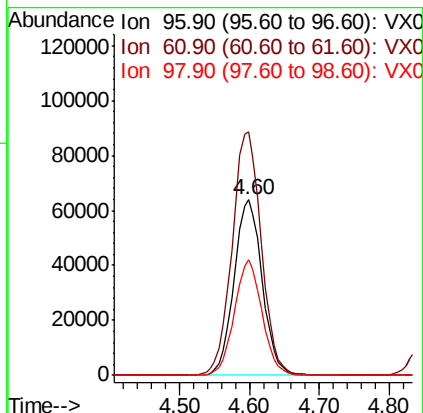
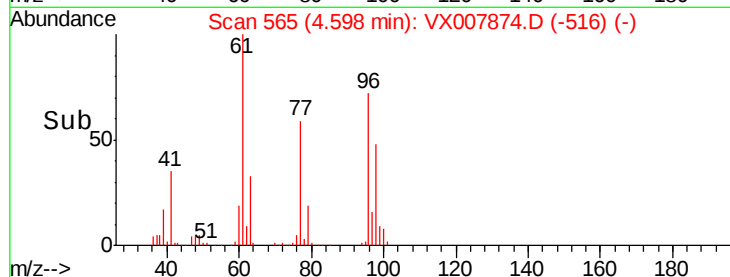
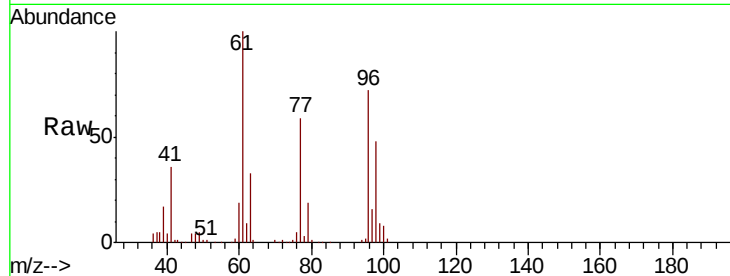


#27

cis-1,2-Dichloroethene
 Concen: 49.014 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

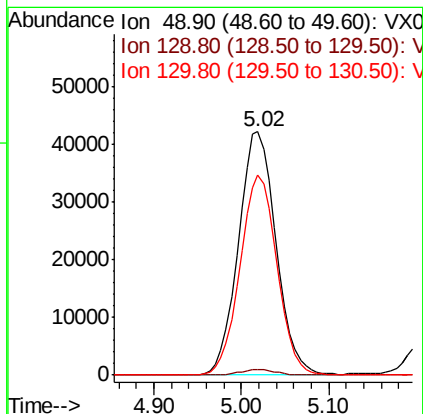
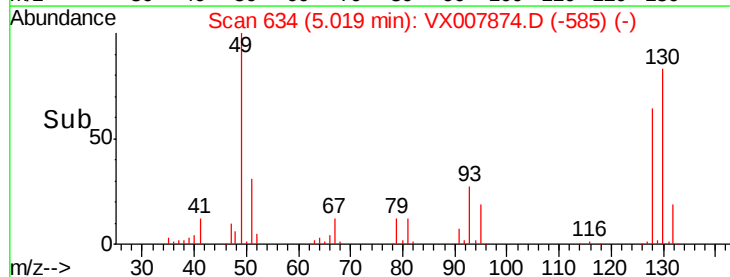
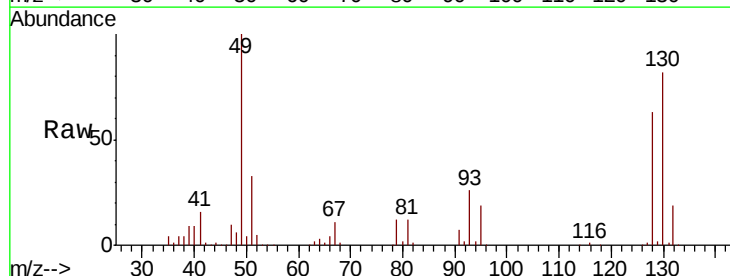
Tgt Ion: 96 Resp: 177942
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 288.0
 98 64.8 0.0 129.0



#28

Bromochloromethane
 Concen: 45.443 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 49 Resp: 126627
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 80.8 65.0 97.4

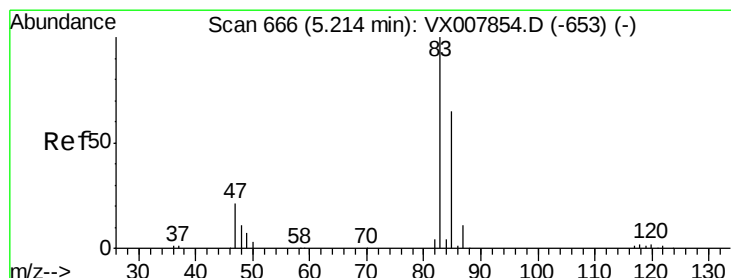
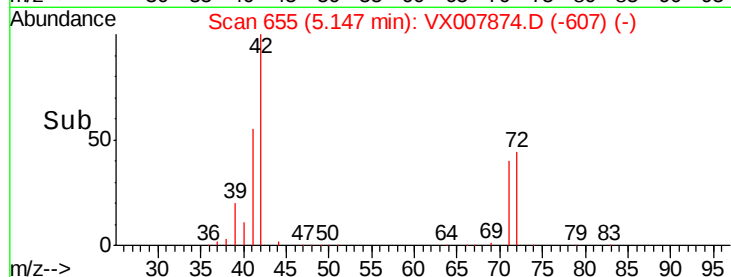
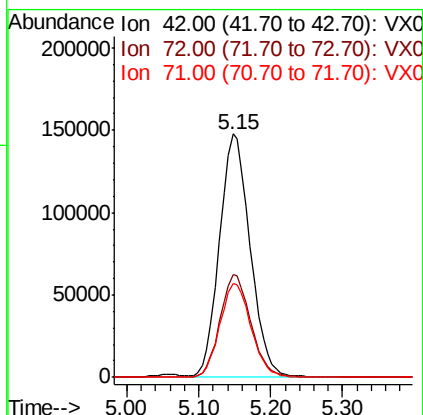
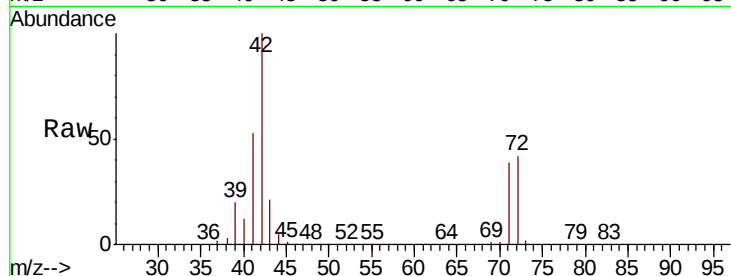




#29
Tetrahydrofuran
Concen: 239.192 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

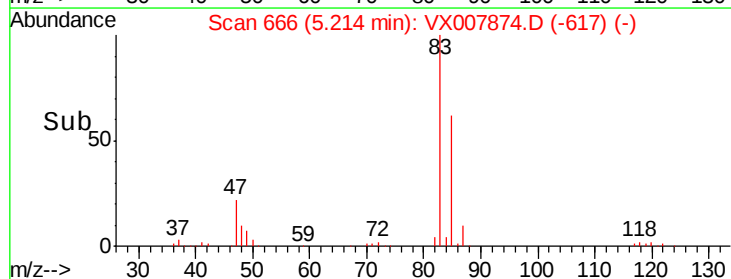
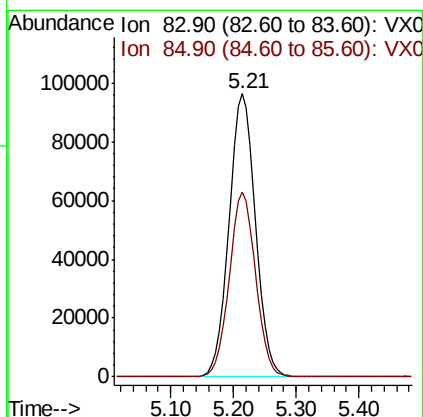
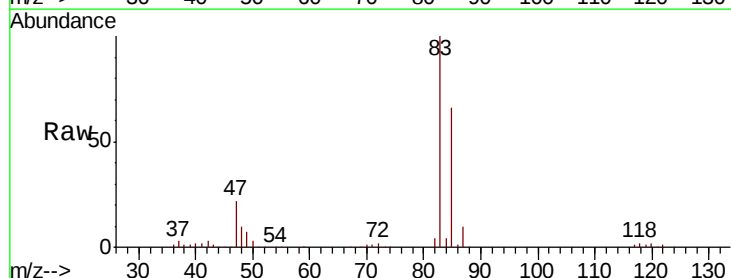
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

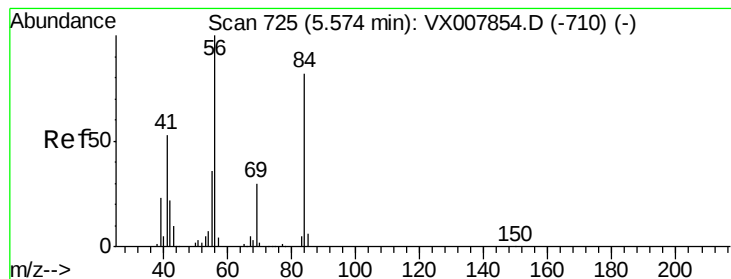
Tgt Ion: 42 Resp: 437086
Ion Ratio Lower Upper
42 100
72 42.5 33.8 50.6
71 39.2 31.5 47.3



#30
Chloroform
Concen: 49.610 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 83 Resp: 280487
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31

Cyclohexane

Concen: 51.684 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

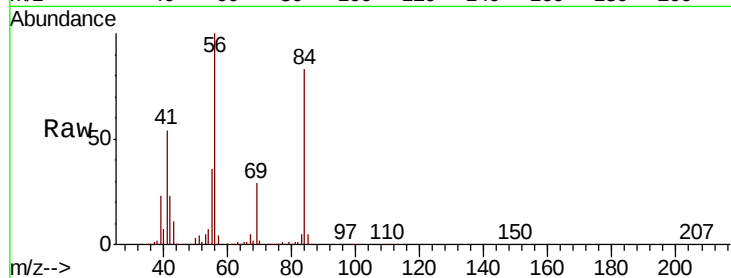
Tgt Ion: 56 Resp: 283916

Ion Ratio Lower Upper

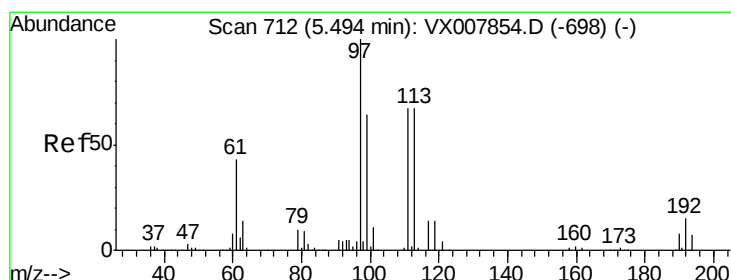
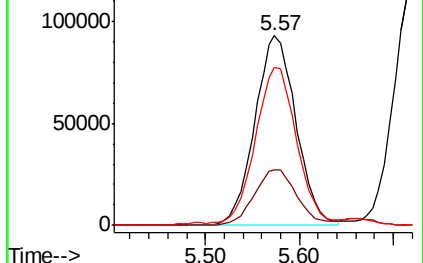
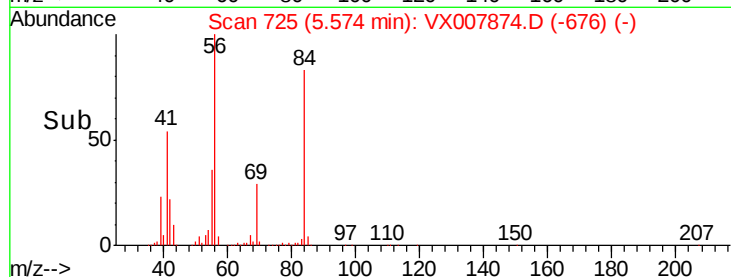
56 100

69 29.3 24.0 36.0

84 82.3 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 51.016 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

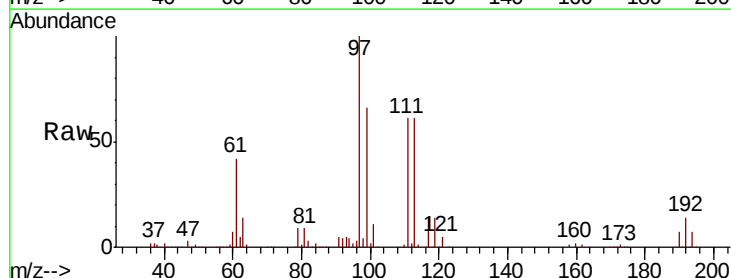
Tgt Ion: 97 Resp: 239317

Ion Ratio Lower Upper

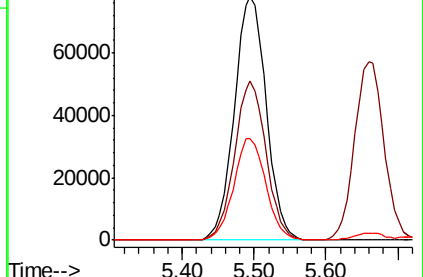
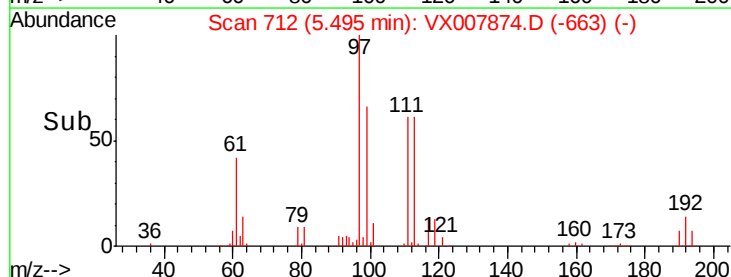
97 100

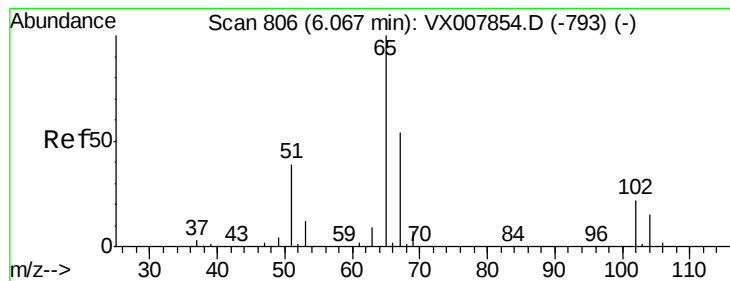
99 64.6 52.2 78.2

61 42.2 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 44.761 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

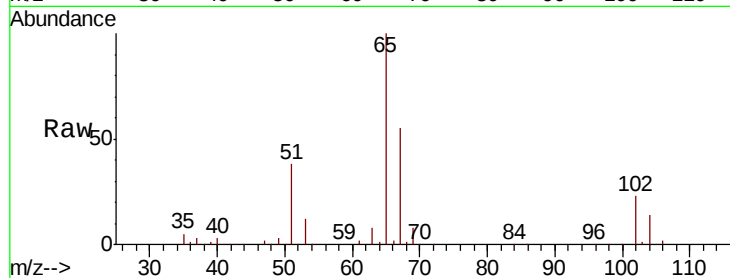
VSTDCCC050

Tgt Ion: 65 Resp: 160023

Ion Ratio Lower Upper

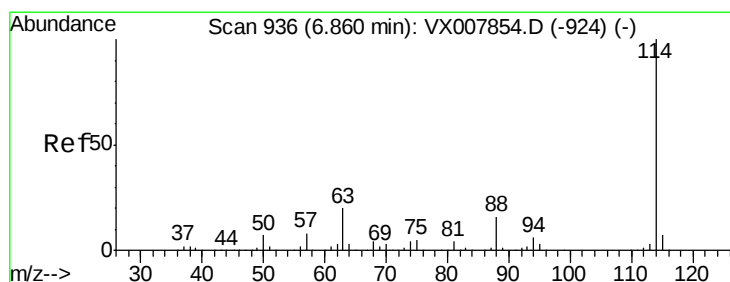
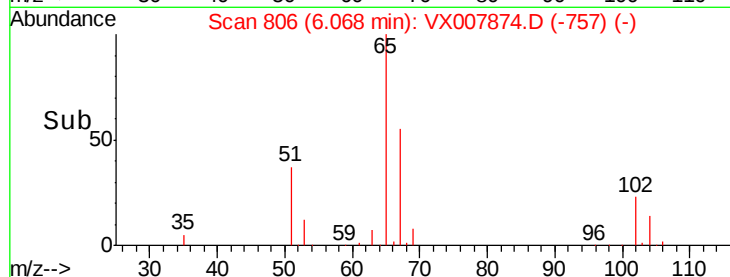
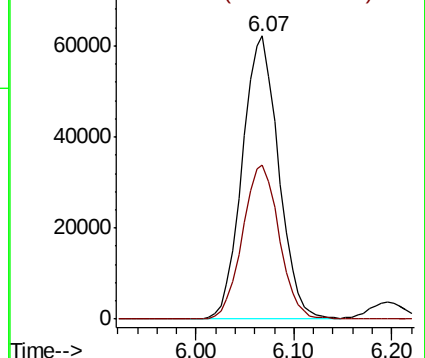
65 100

67 54.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

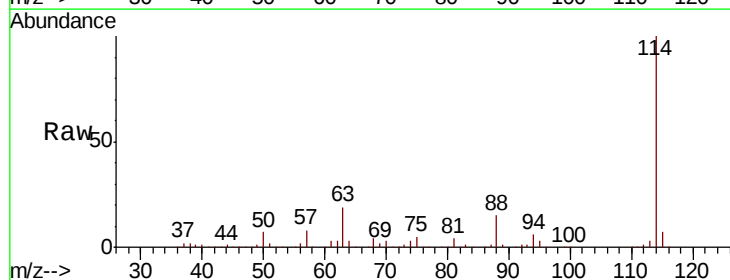
Tgt Ion: 114 Resp: 471279

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

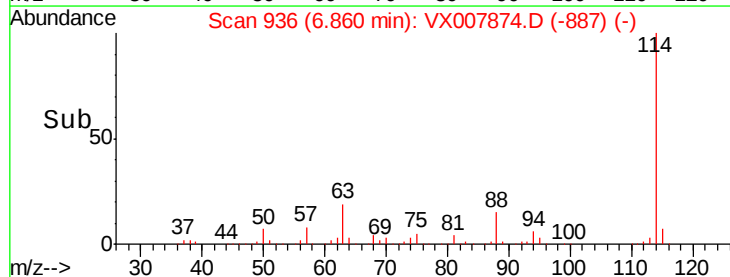
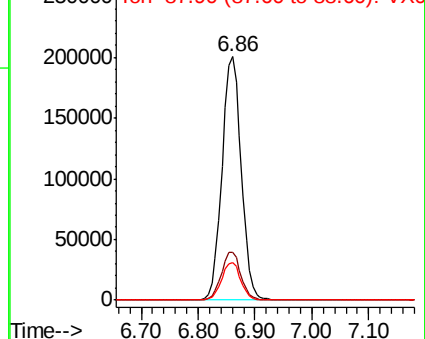
88 15.3 0.0 31.4

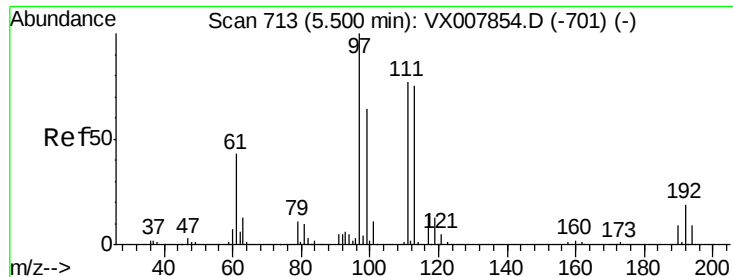


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

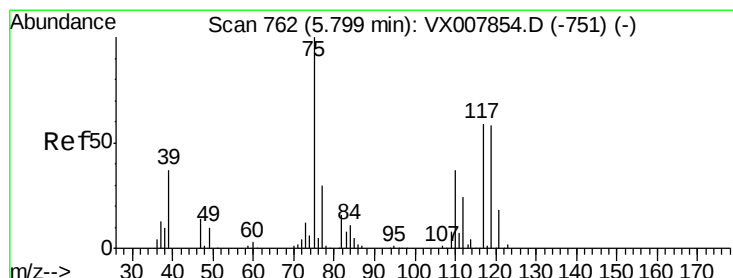
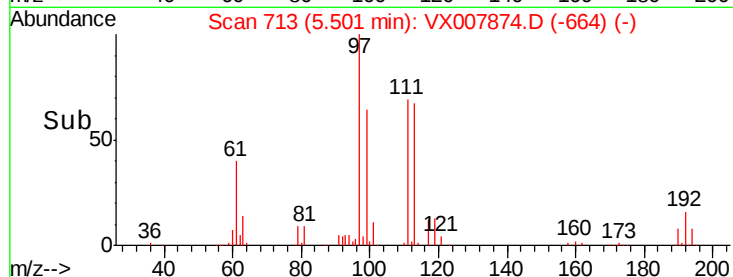
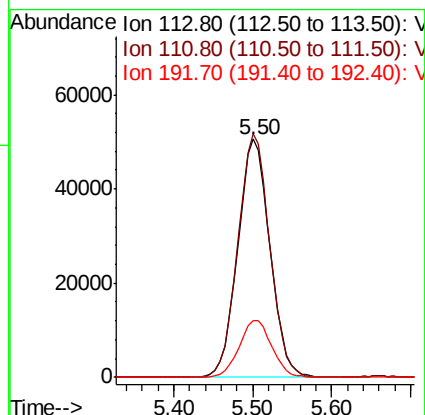
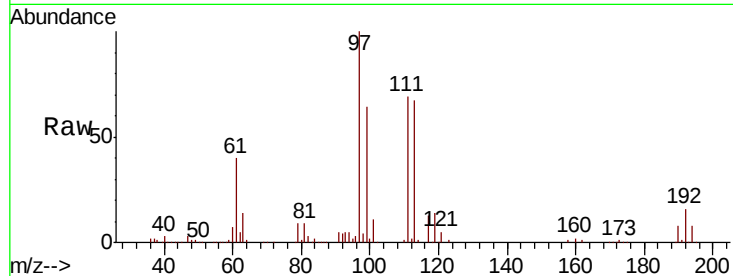




#35
 Dibromofluoromethane
 Concen: 47.431 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

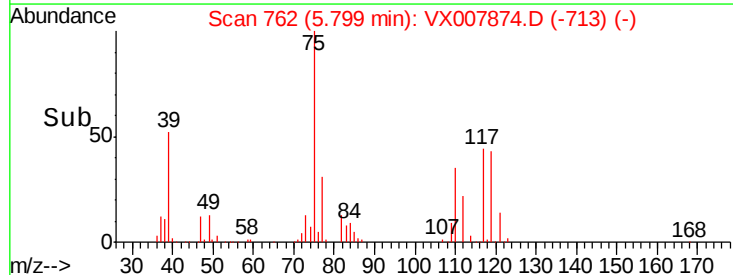
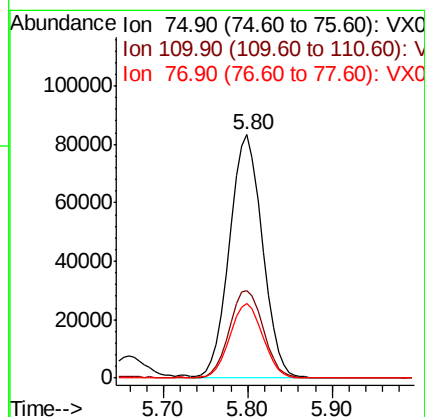
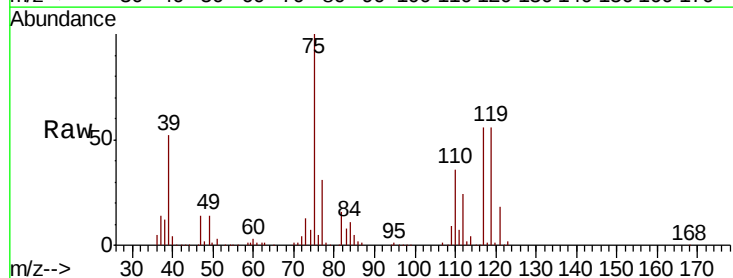
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

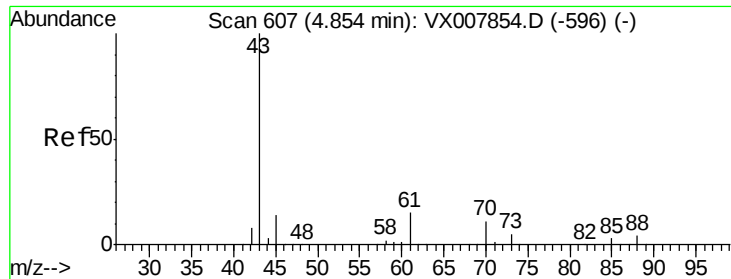
Tgt Ion:113 Resp: 142985
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.1 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 51.860 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 75 Resp: 221303
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.4 55.0
 77 30.9 25.0 37.4

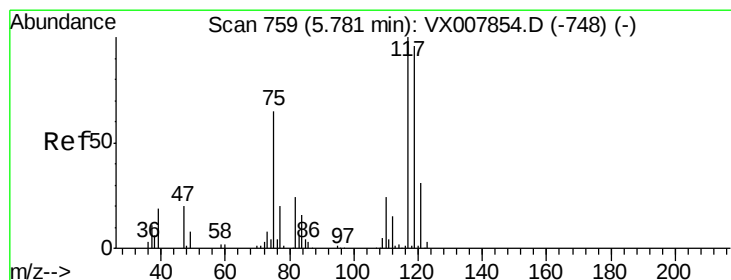
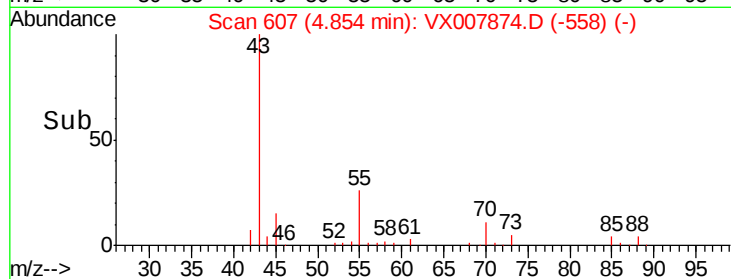
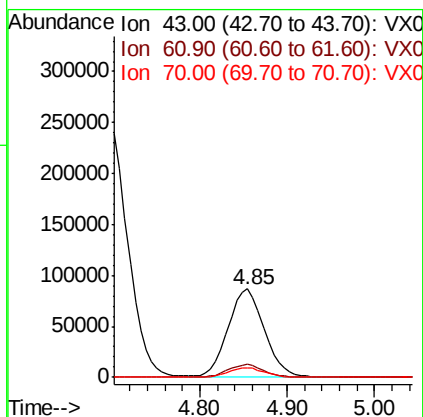
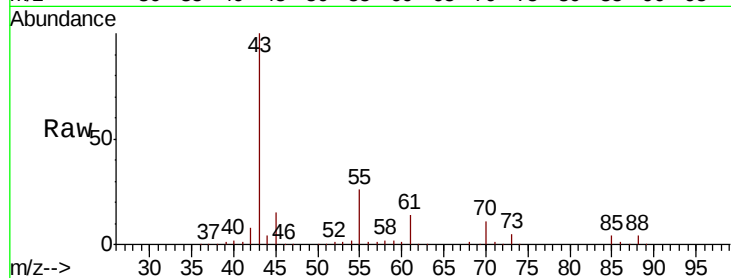




#37
Ethyl Acetate
Concen: 49.472 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

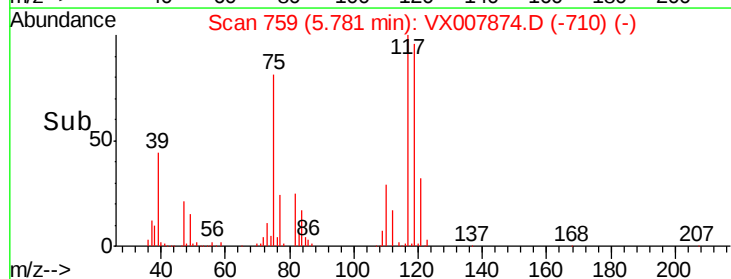
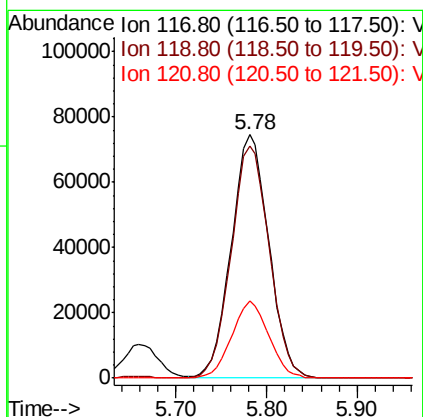
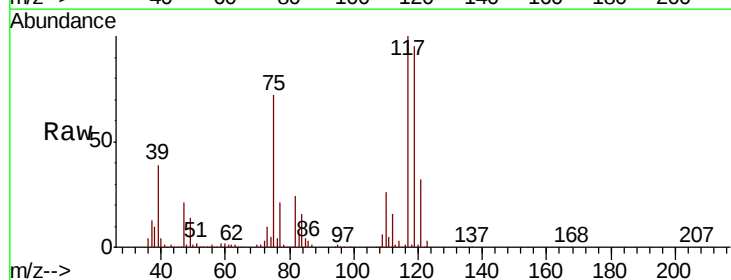
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

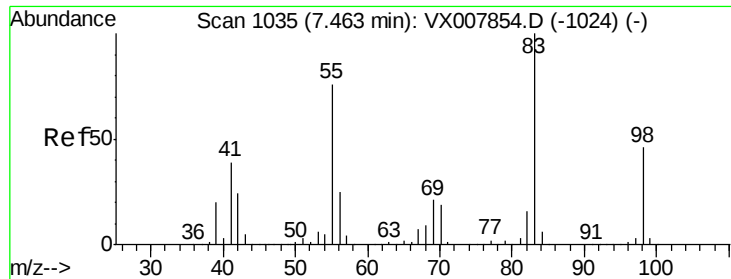
Tgt Ion: 43 Resp: 250528
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.933 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 117 Resp: 214445
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
121 31.6 24.6 36.8

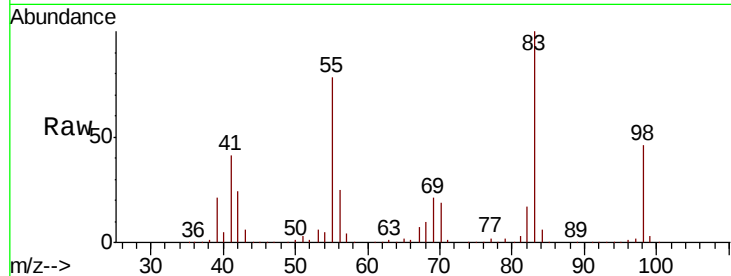




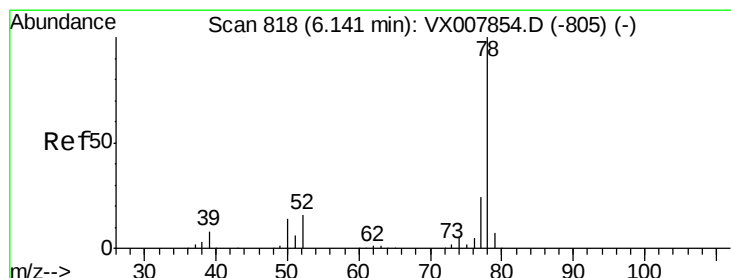
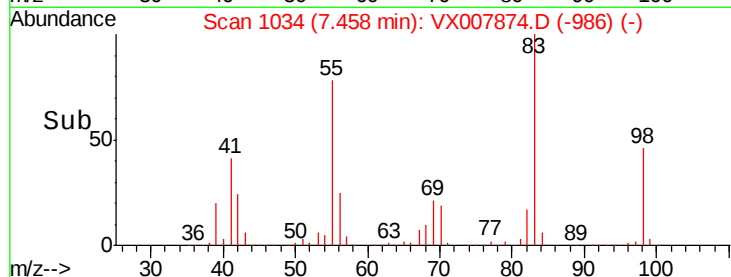
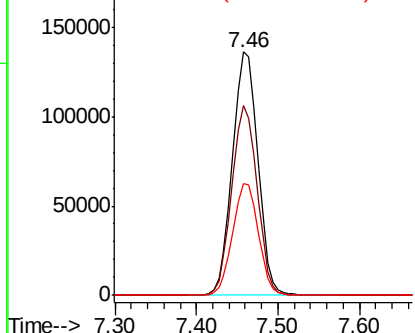
#39
Methylcyclohexane
Concen: 56.718 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 293277
Ion Ratio Lower Upper
83 100
55 78.0 60.4 90.6
98 46.1 36.5 54.7

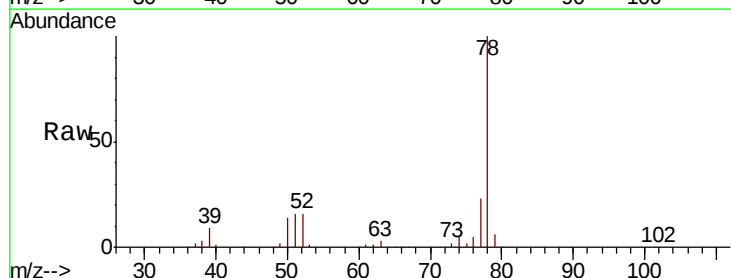


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

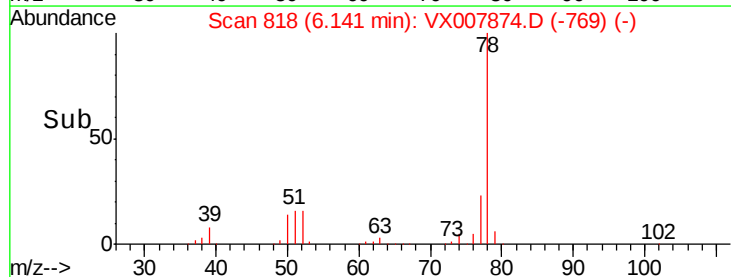
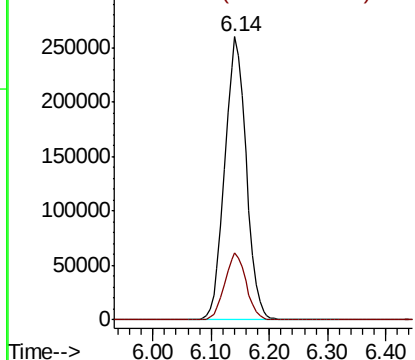


#40
Benzene
Concen: 52.530 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 78 Resp: 667352
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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





#41

Methacrylonitrile

Concen: 51.940 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 143403

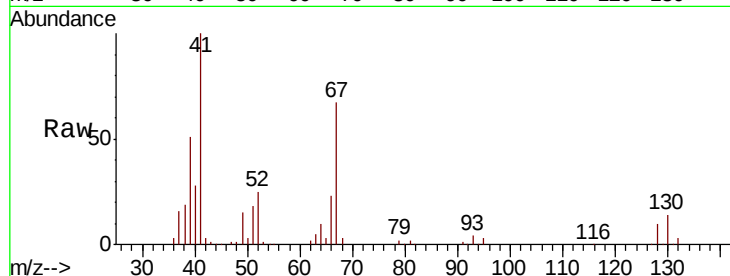
Ion Ratio Lower Upper

41 100

39 51.9 41.6 62.4

67 68.8 55.8 83.6

52 27.3 21.7 32.5

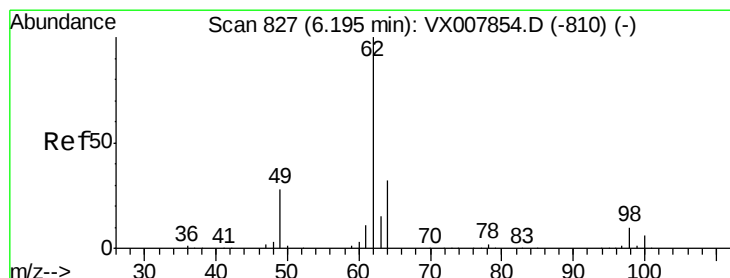
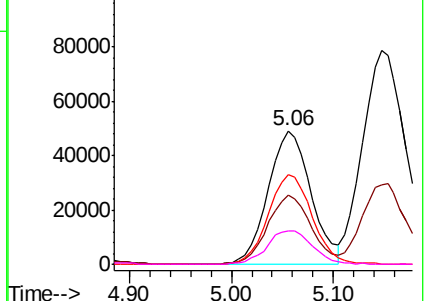
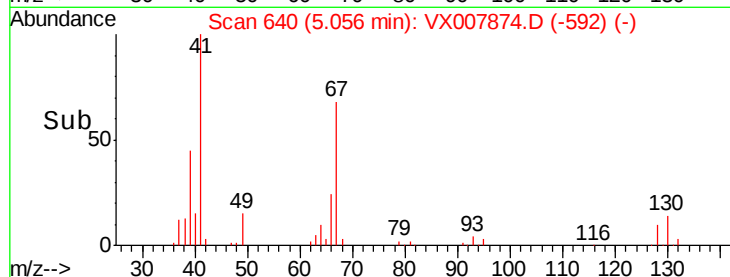


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.560 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007874.D

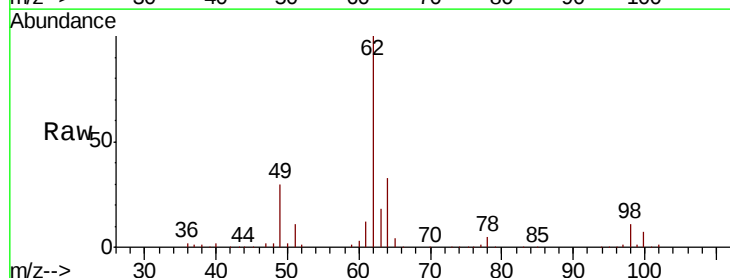
Acq: 07 Mar 2019 10:11

Tgt Ion: 62 Resp: 214212

Ion Ratio Lower Upper

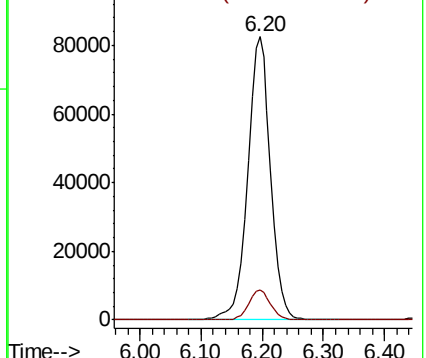
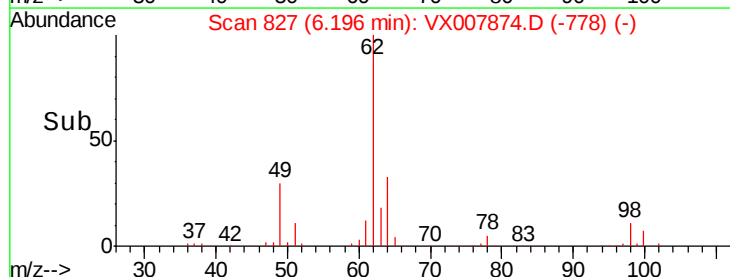
62 100

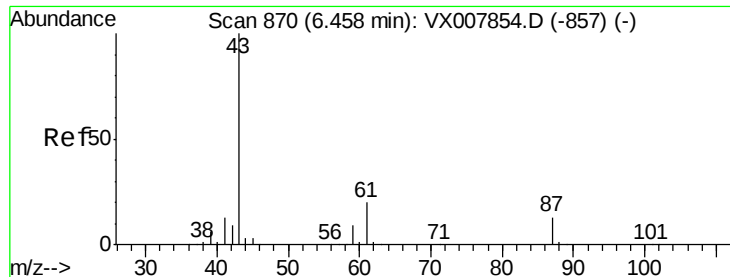
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

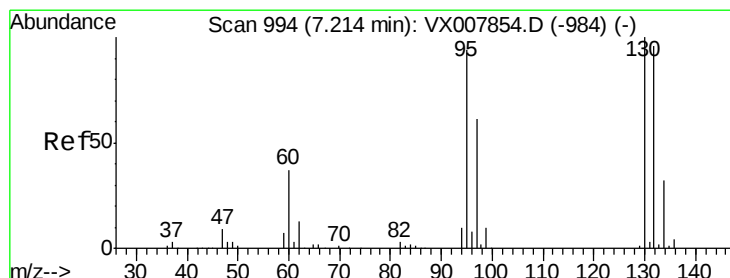
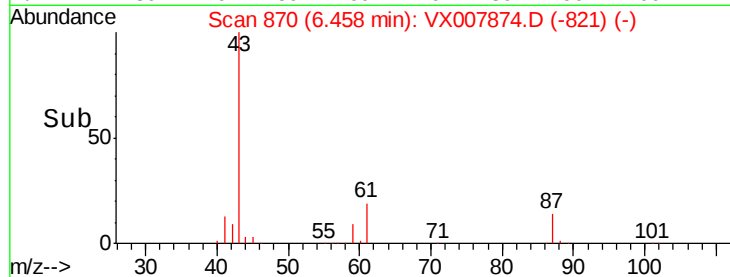
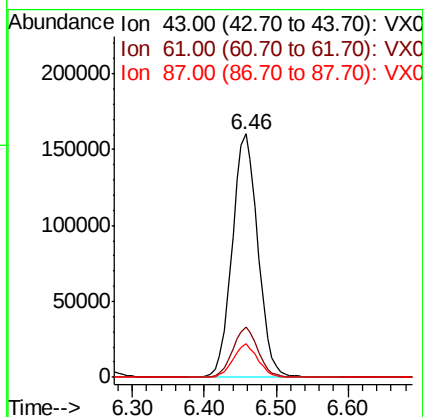
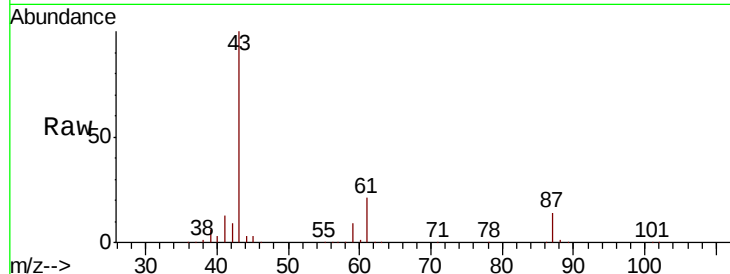




#43
Isopropyl Acetate
Concen: 52.698 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

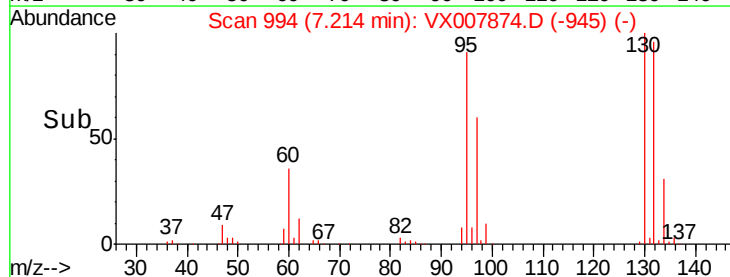
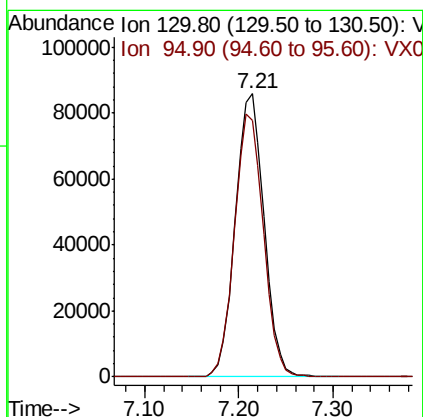
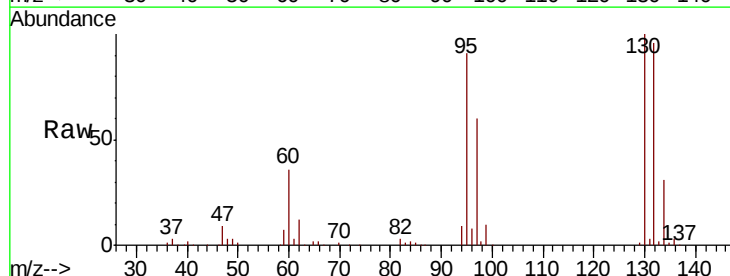
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

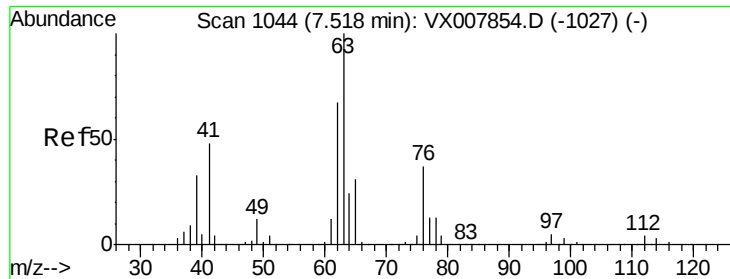
Tgt Ion: 43 Resp: 394949
Ion Ratio Lower Upper
43 100
61 20.5 16.3 24.5
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 52.321 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 130 Resp: 183177
Ion Ratio Lower Upper
130 100
95 90.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.801 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

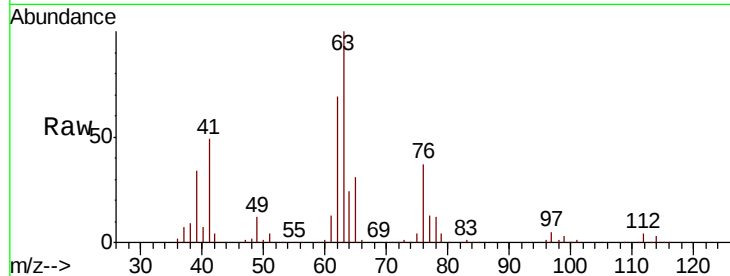
VSTDCCC050

Tgt Ion: 63 Resp: 177168

Ion Ratio Lower Upper

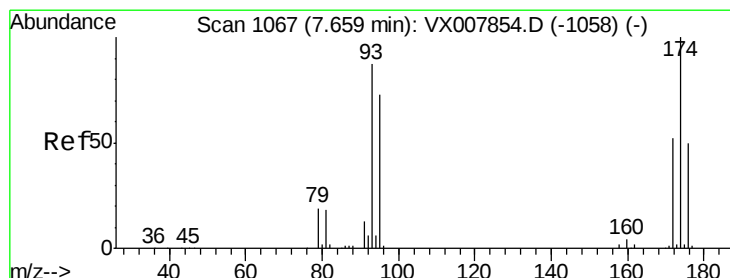
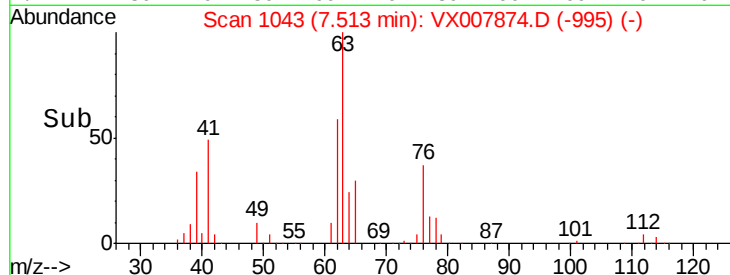
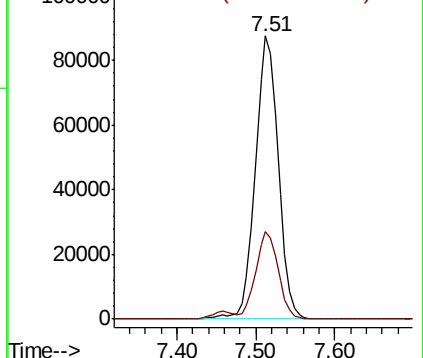
63 100

65 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.828 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

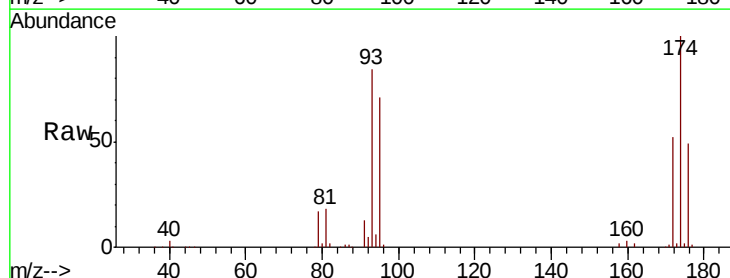
Tgt Ion: 93 Resp: 110055

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

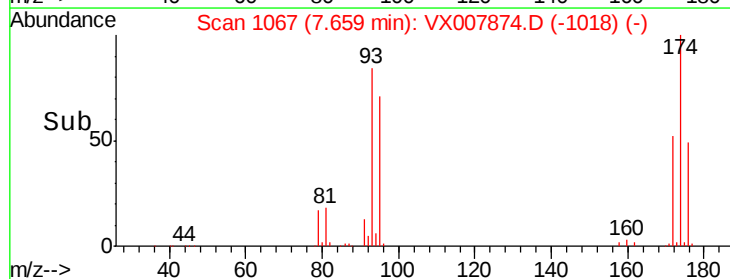
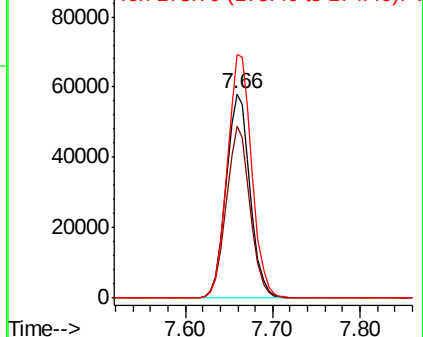
174 122.2 97.3 145.9

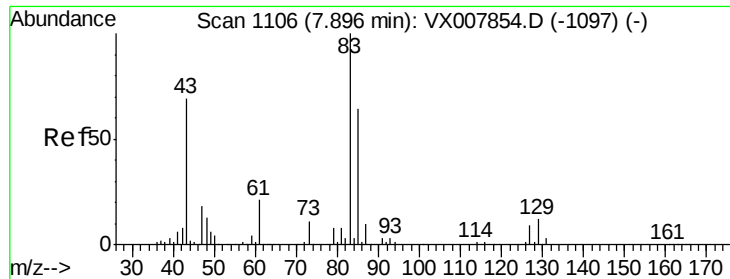


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

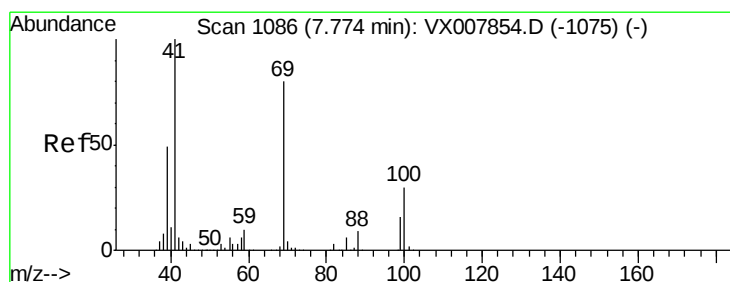
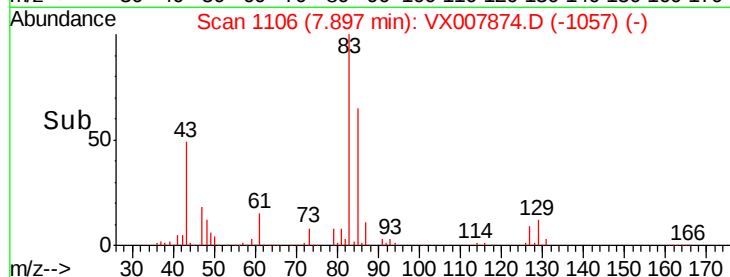
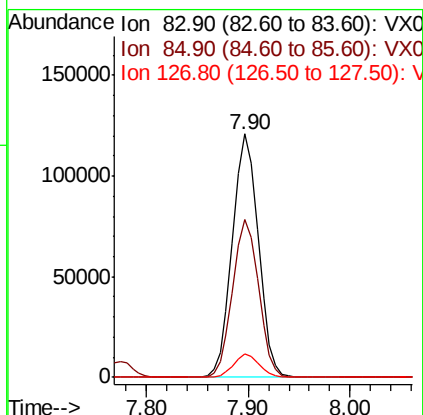
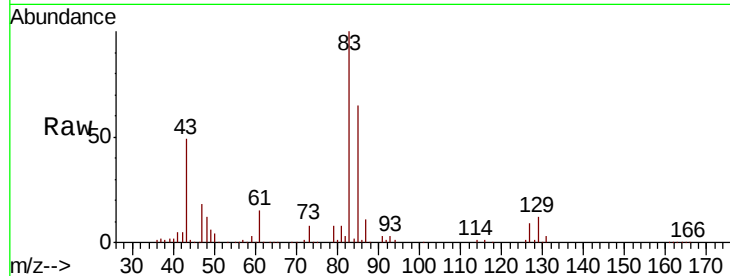




#47
Bromodichloromethane
Concen: 52.969 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

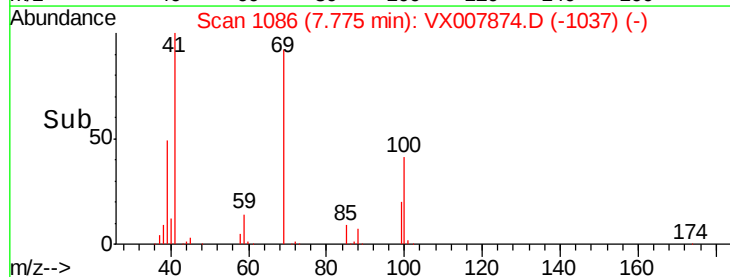
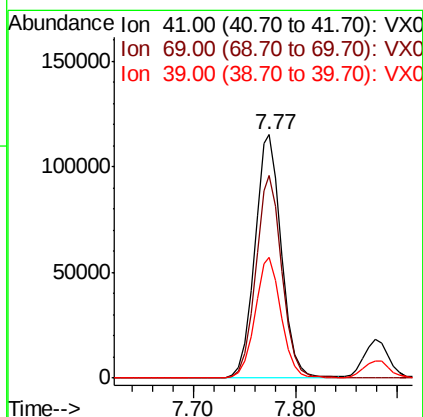
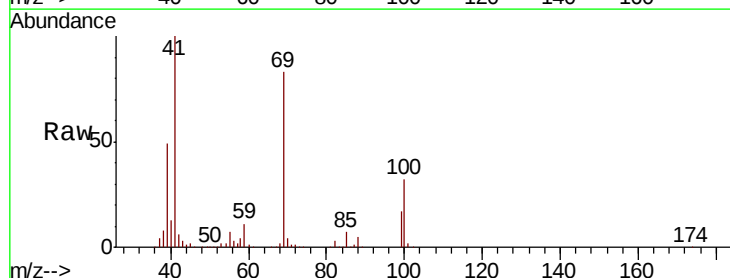
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

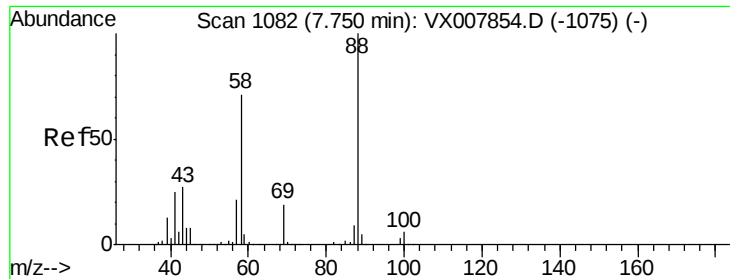
Tgt Ion: 83 Resp: 213251
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 9.5 7.4 11.0



#48
Methyl methacrylate
Concen: 52.964 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 41 Resp: 208697
Ion Ratio Lower Upper
41 100
69 82.3 65.2 97.8
39 49.3 39.4 59.2

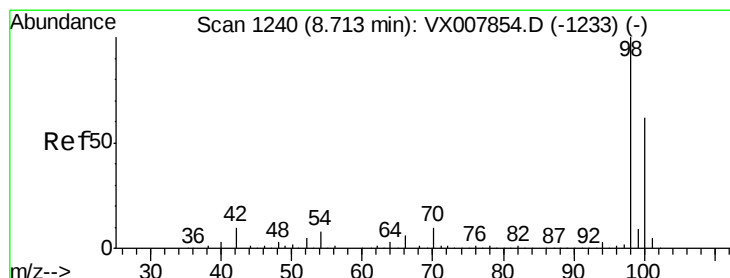
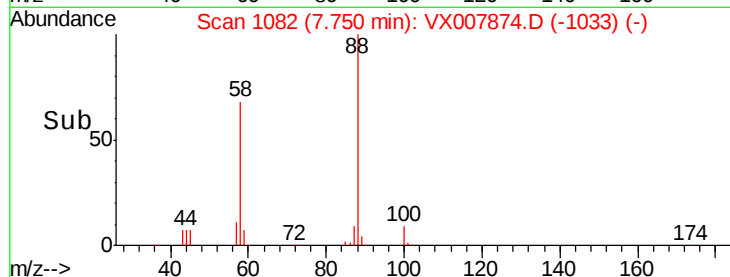
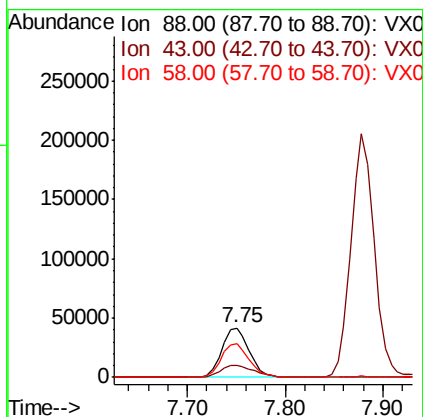
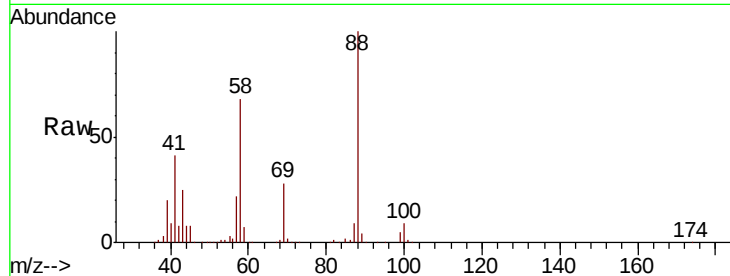




#49
1,4-Dioxane
Concen: 1001.713 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

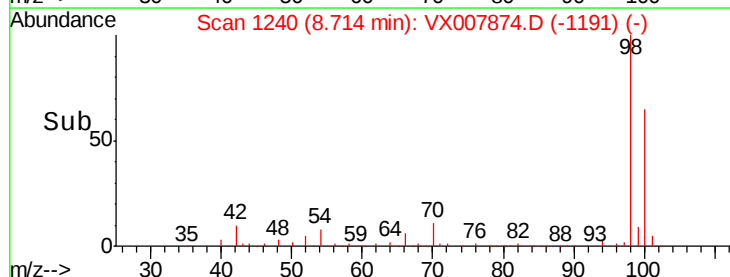
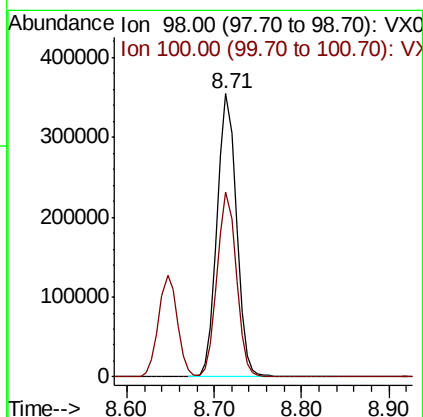
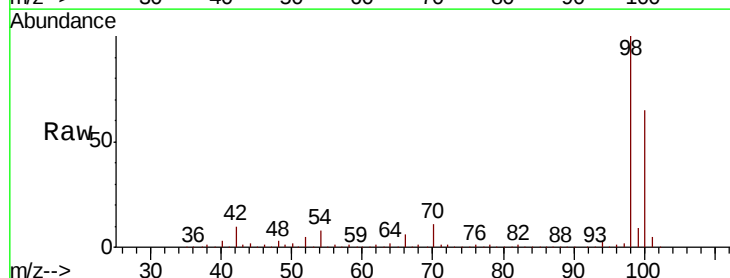
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

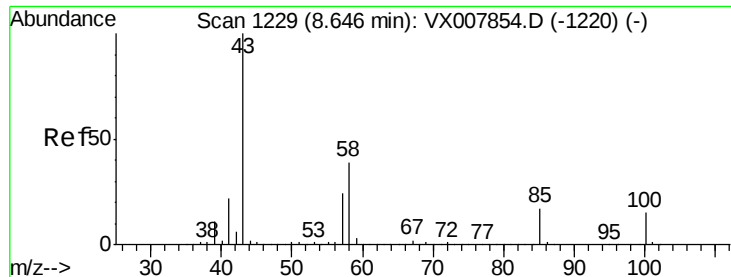
Tgt Ion: 88 Resp: 81082
Ion Ratio Lower Upper
88 100
43 30.9 25.1 37.7
58 70.4 57.8 86.6



#50
Toluene-d8
Concen: 49.209 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 98 Resp: 544809
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5

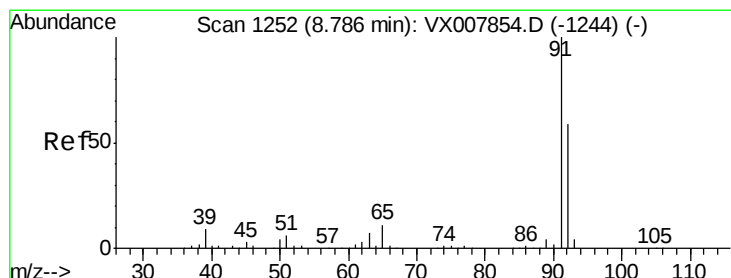
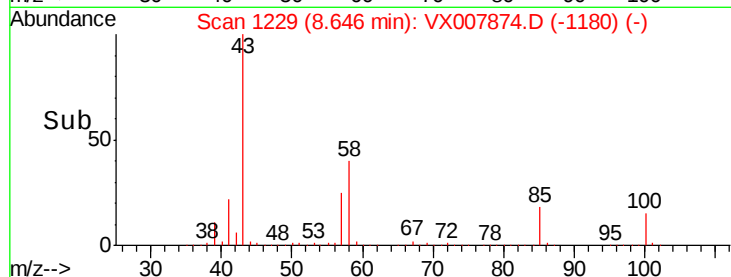
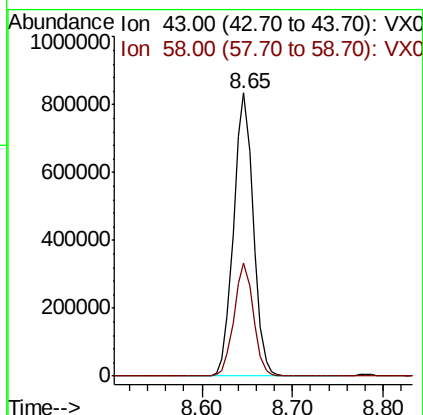
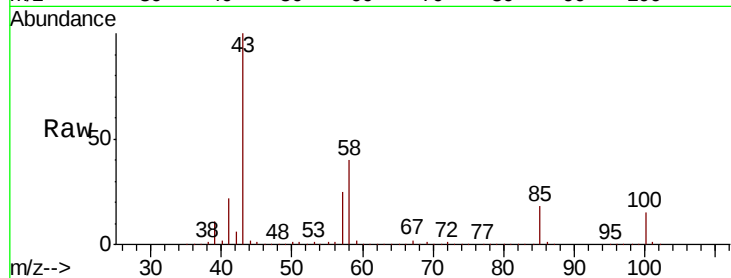




#51
 4-Methyl-2-Pentanone
 Concen: 261.706 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

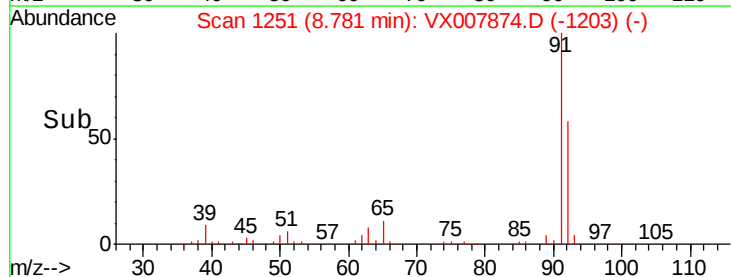
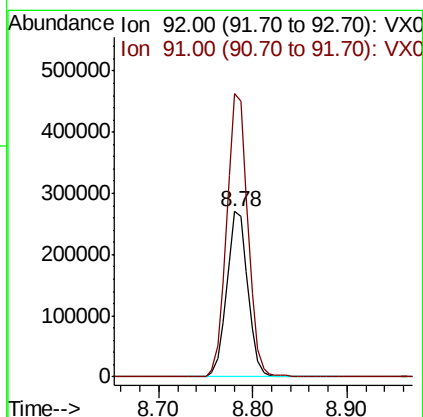
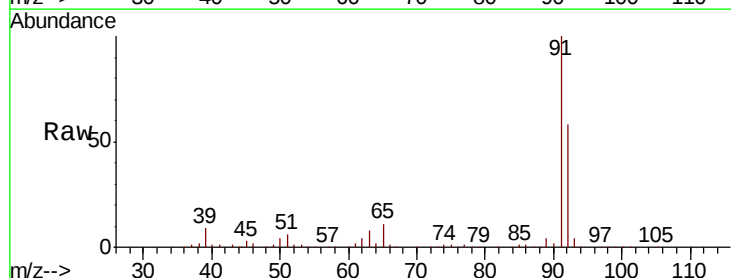
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

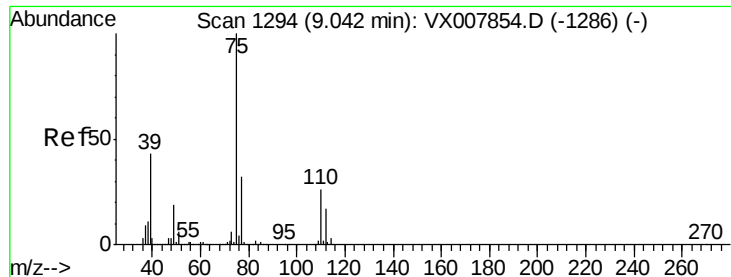
Tgt Ion: 43 Resp: 1261365
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.3 46.9



#52
 Toluene
 Concen: 54.088 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 92 Resp: 419517
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.4 206.0

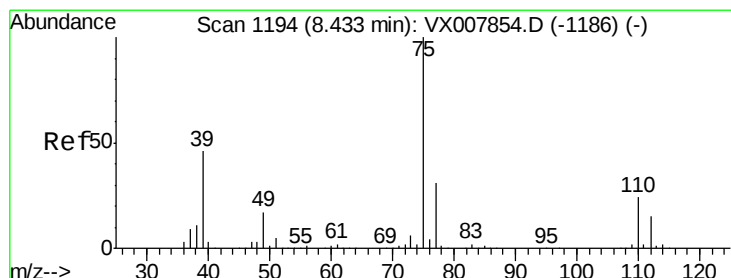
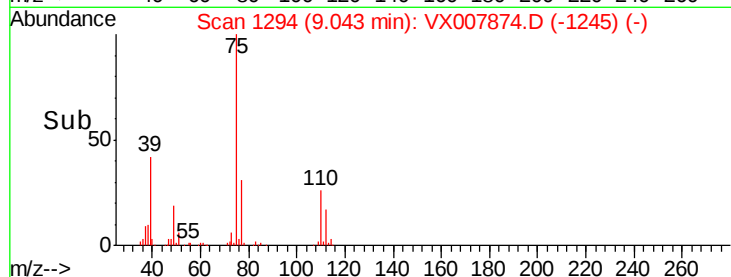
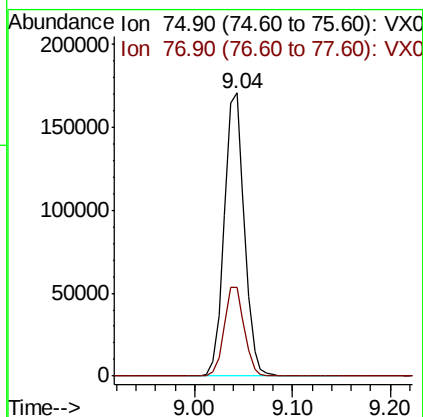
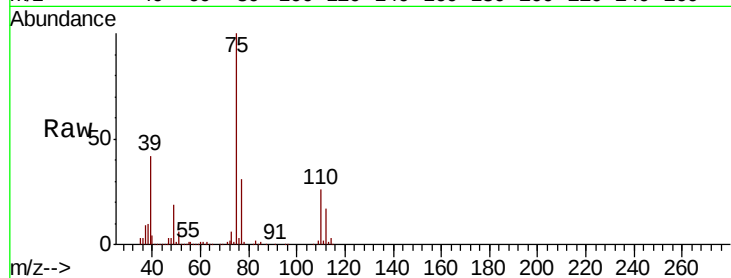




#53
t-1,3-Dichloropropene
Concen: 57.675 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

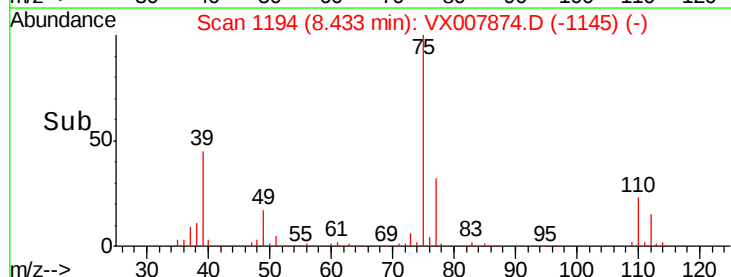
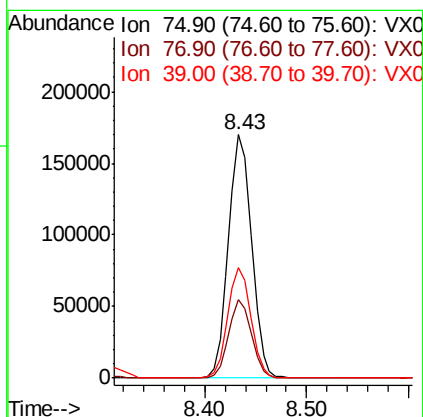
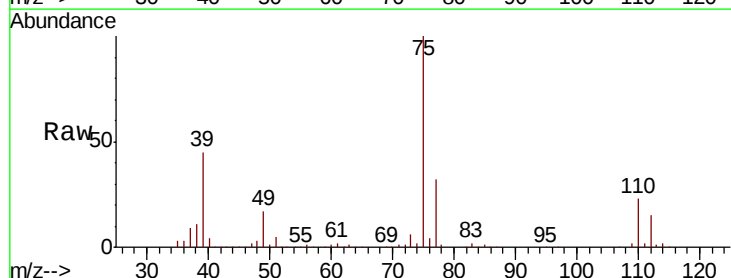
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

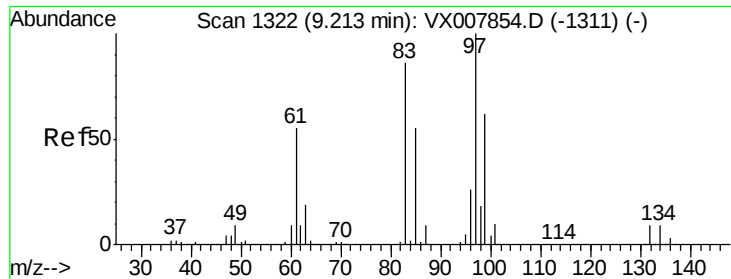
Tgt Ion: 75 Resp: 242355
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 56.404 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 75 Resp: 267648
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 45.2 36.6 54.8

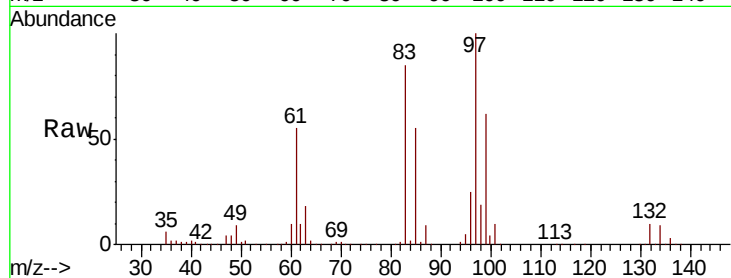




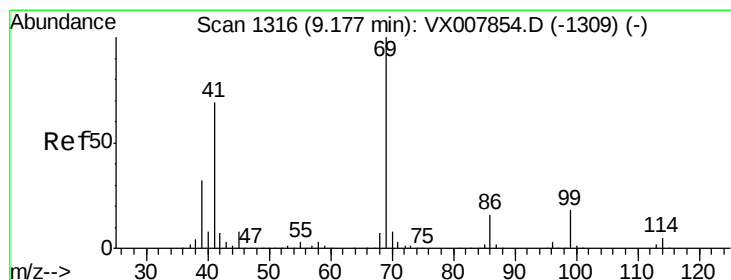
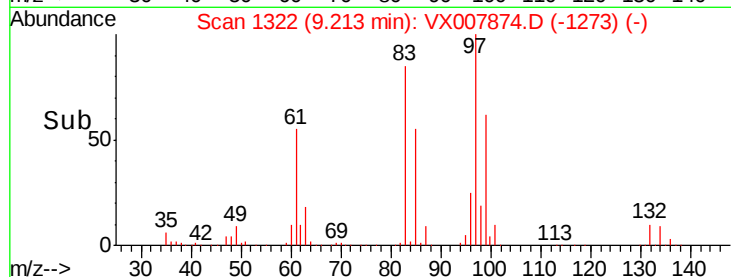
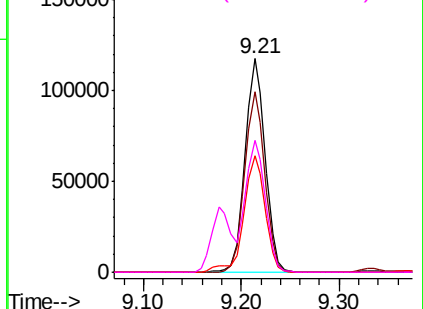
#55
 1,1,2-Trichloroethane
 Concen: 53.313 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	167390
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.1	103.7
85	54.7	44.3	66.5
99	62.0	49.8	74.8

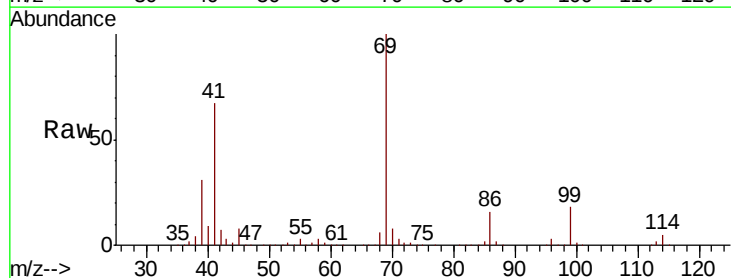


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

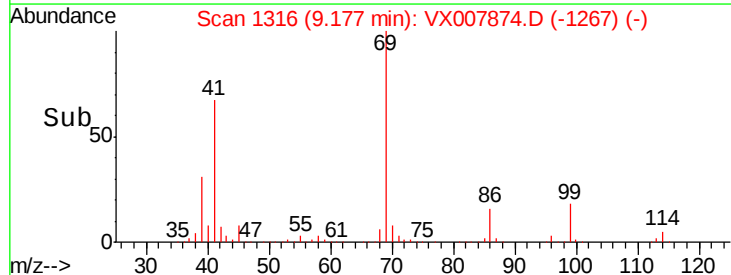
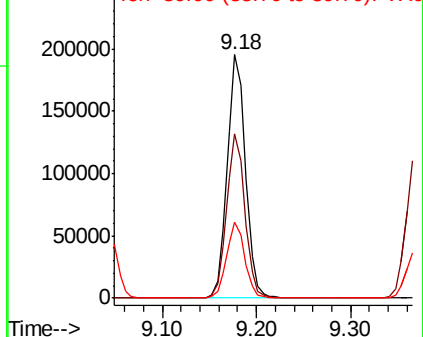


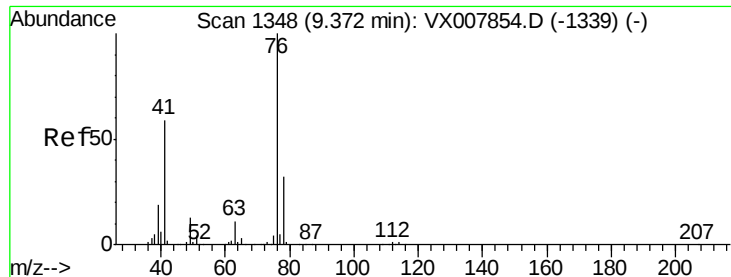
#56
 Ethyl methacrylate
 Concen: 55.724 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion:	69	Resp:	262693
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.2	81.4
39	30.9	25.0	37.4



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

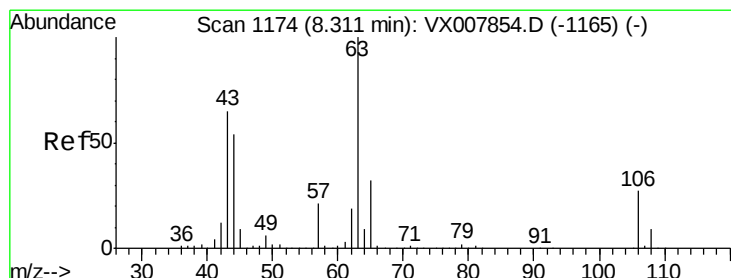
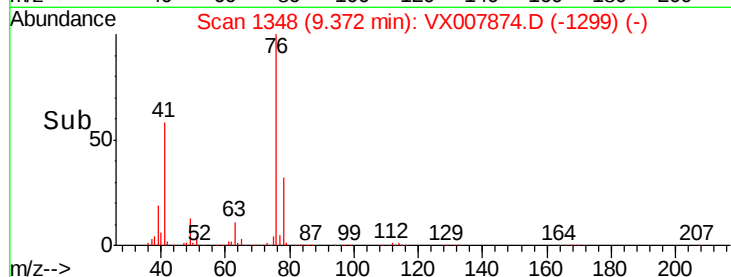
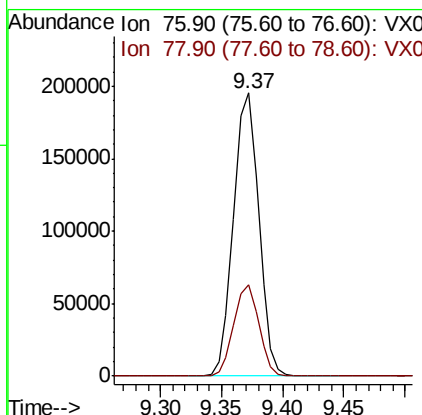
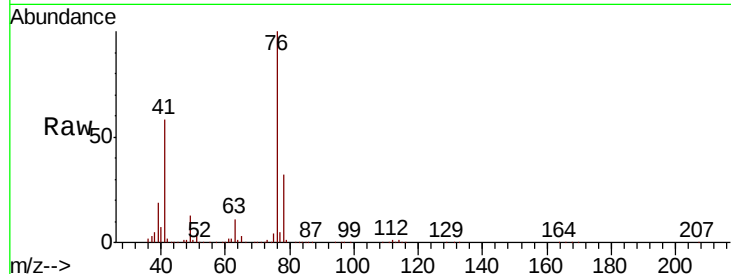




#57
 1,3-Dichloropropane
 Concen: 53.095 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

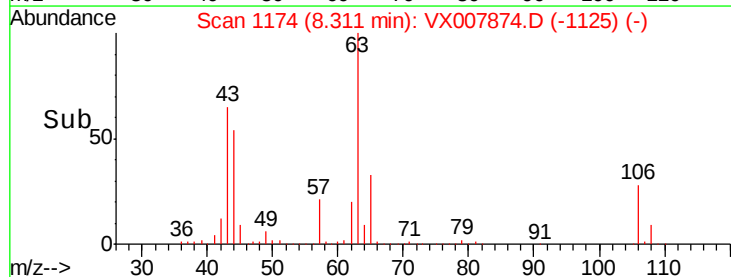
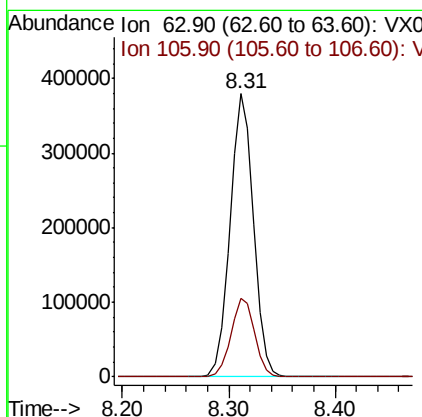
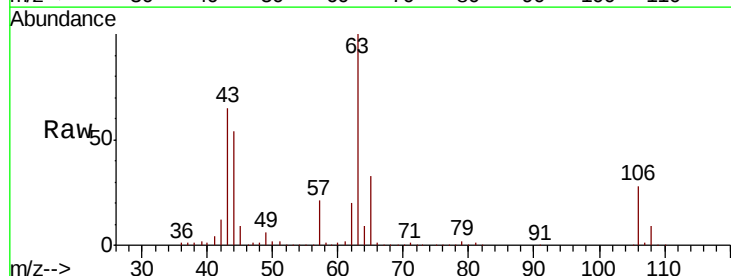
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

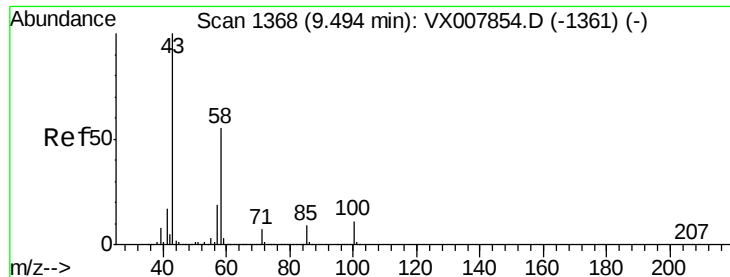
Tgt Ion: 76 Resp: 279912
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.394 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion: 63 Resp: 583776
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.2 33.2

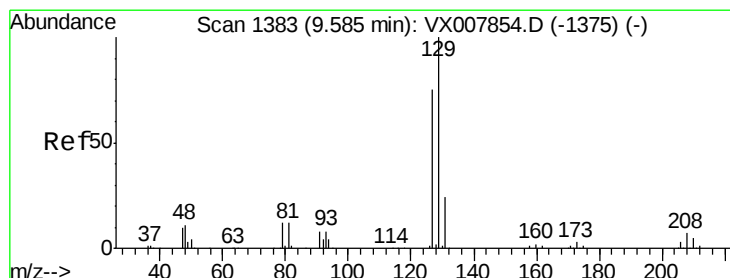
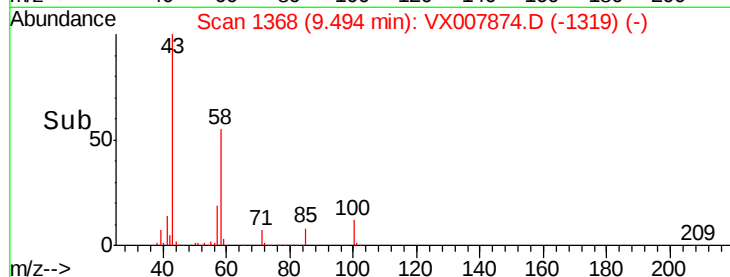
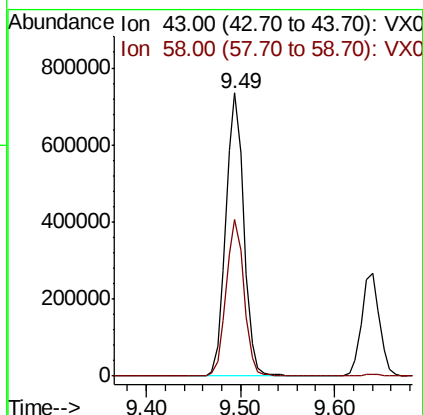
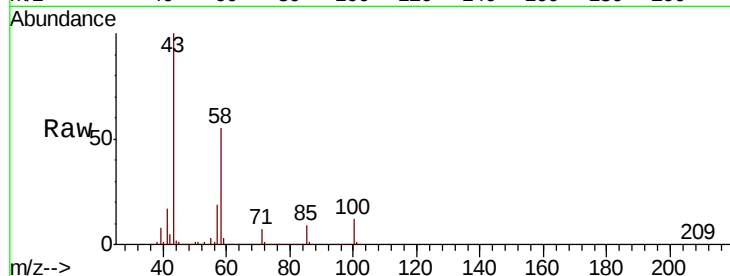




#59
2-Hexanone
Concen: 260.475 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

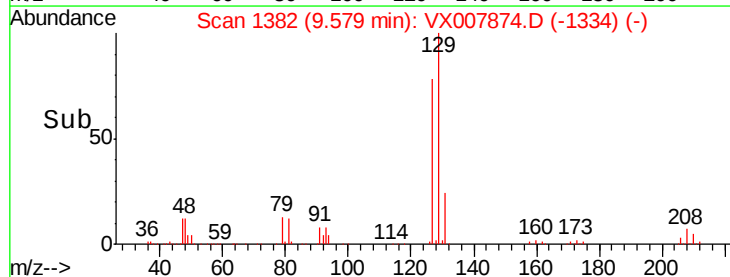
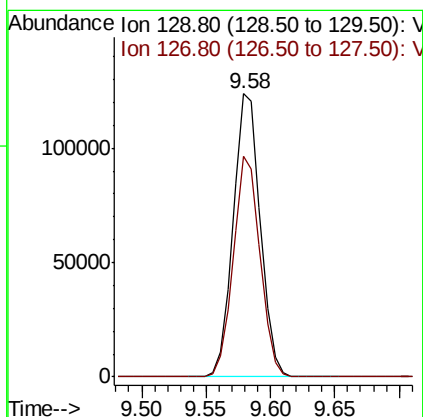
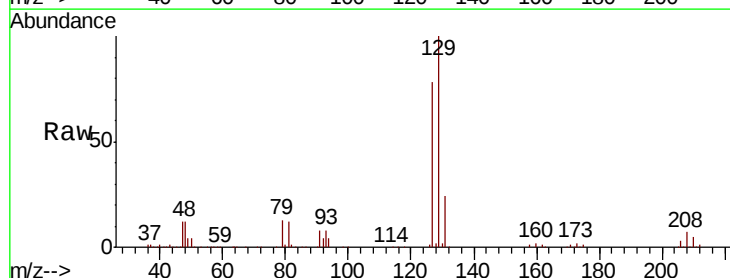
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

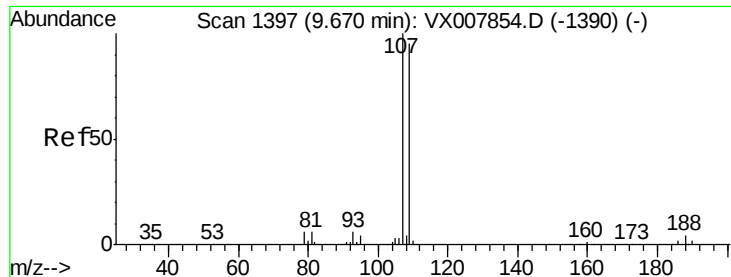
Tgt Ion: 43 Resp: 974693
Ion Ratio Lower Upper
43 100
58 55.2 27.6 82.7



#60
Dibromochloromethane
Concen: 55.385 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 129 Resp: 181764
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.283 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

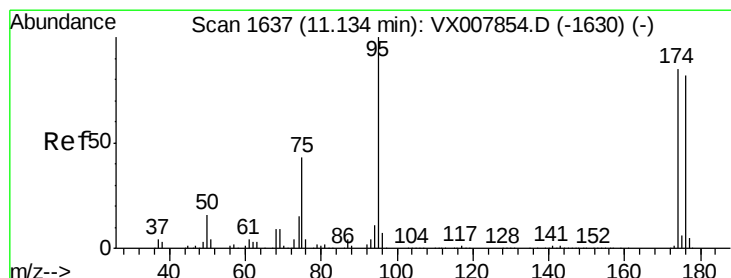
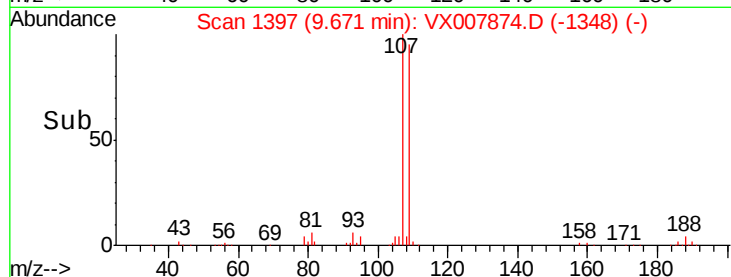
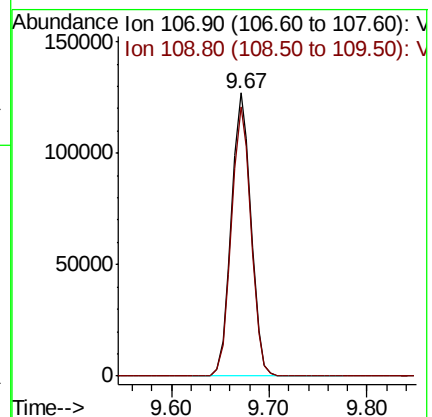
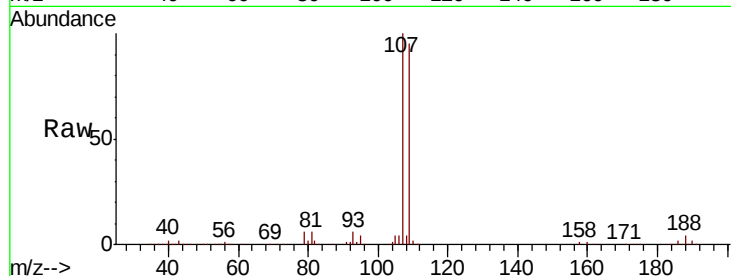
VSTDCCC050

Tgt Ion: 107 Resp: 177621

Ion Ratio Lower Upper

107 100

109 95.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.098 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

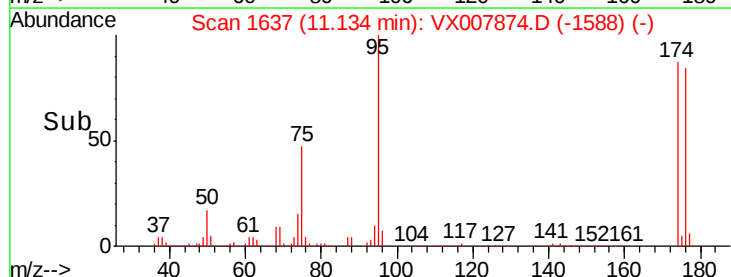
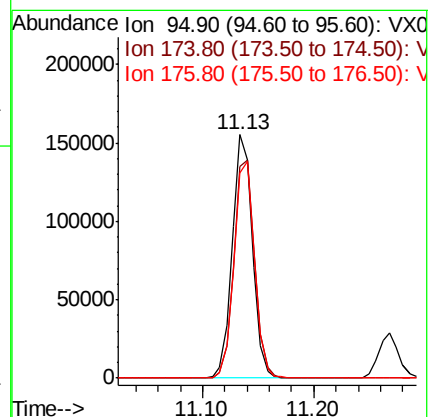
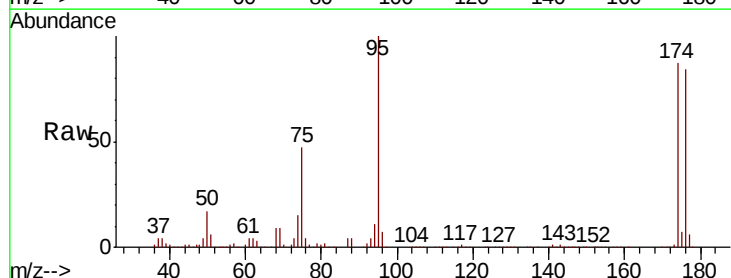
Tgt Ion: 95 Resp: 194461

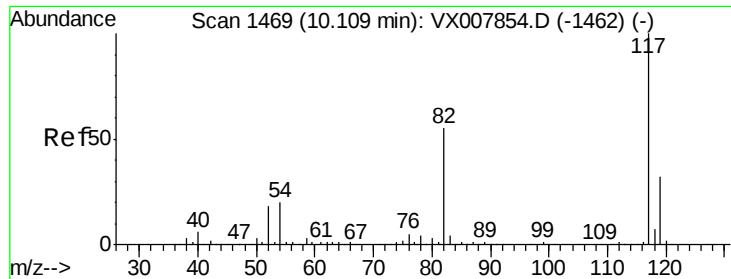
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

176 90.7 0.0 178.0

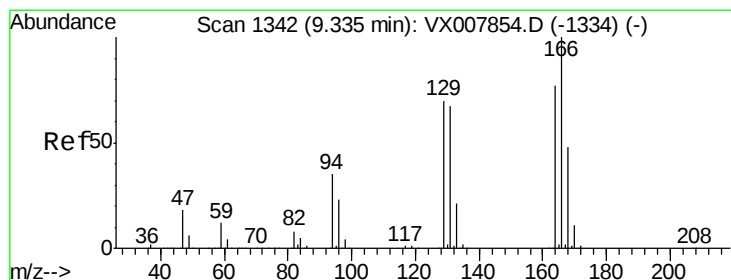
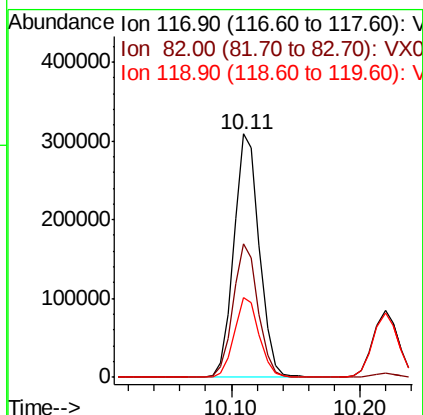
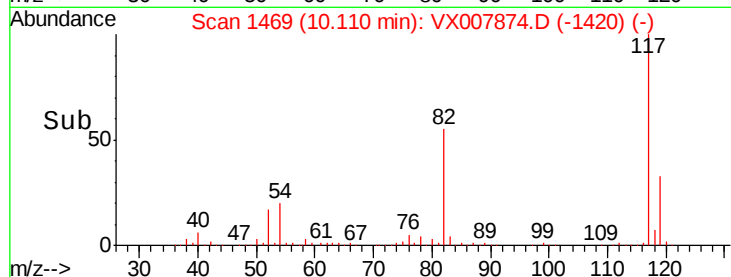
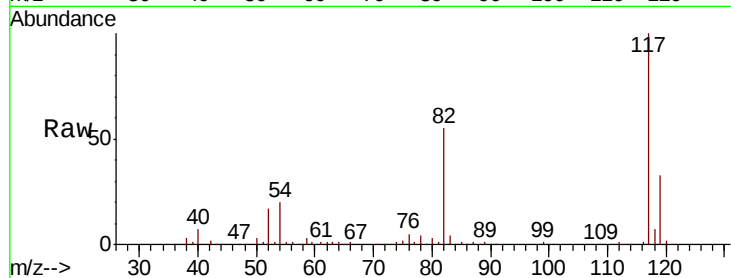




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

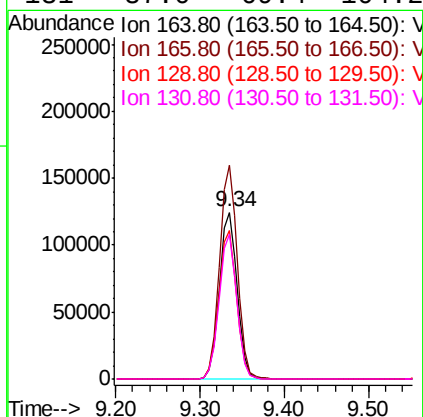
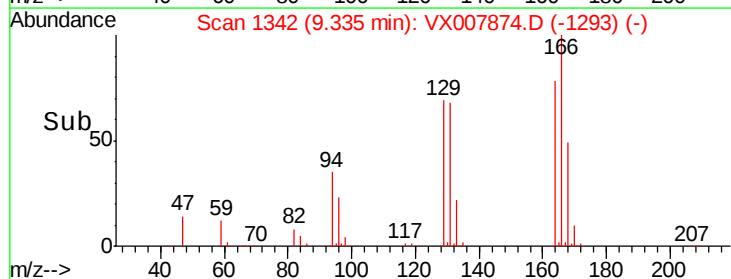
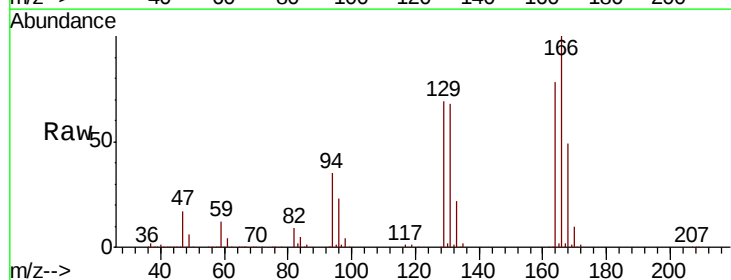
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

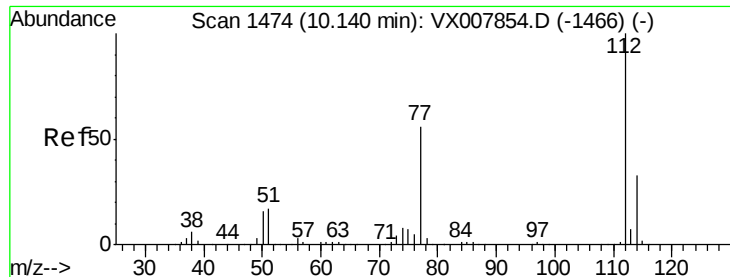
Tgt Ion:117 Resp: 424307
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 51.950 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion:164 Resp: 182666
Ion Ratio Lower Upper
164 100
166 128.4 103.4 155.0
129 89.0 72.2 108.4
131 87.0 69.4 104.2

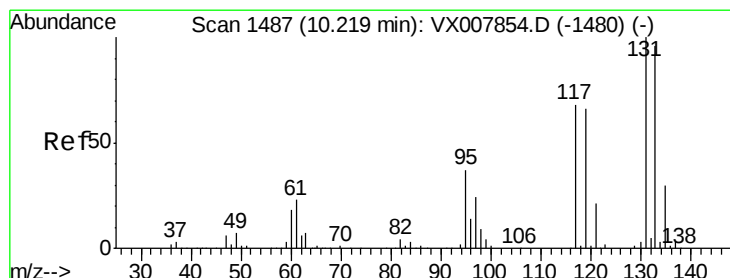
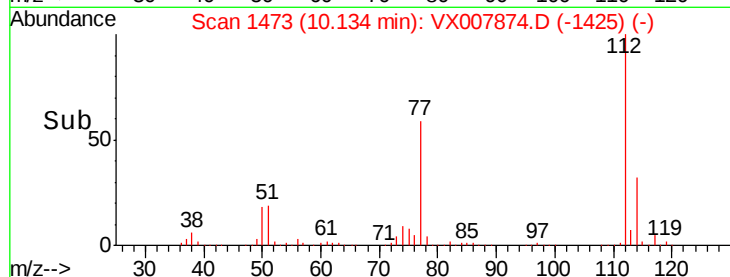
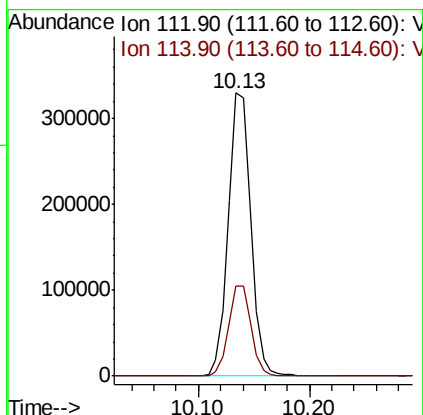
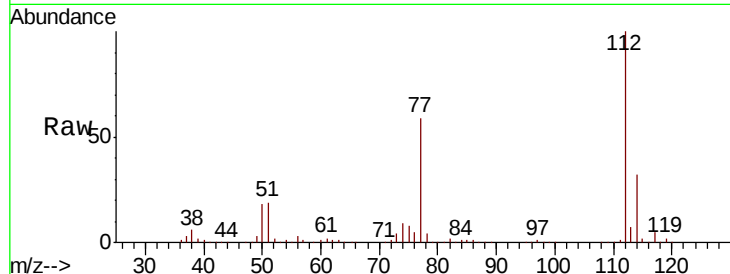




#65
Chlorobenzene
Concen: 52.336 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

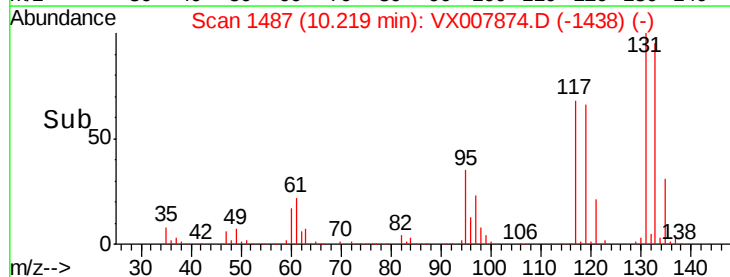
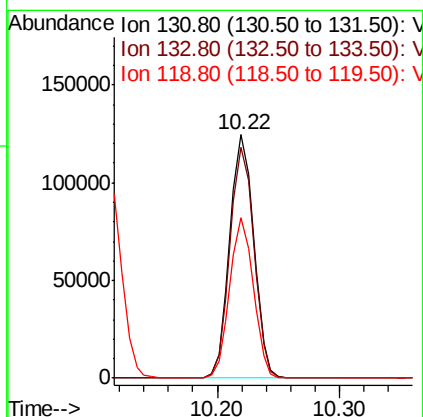
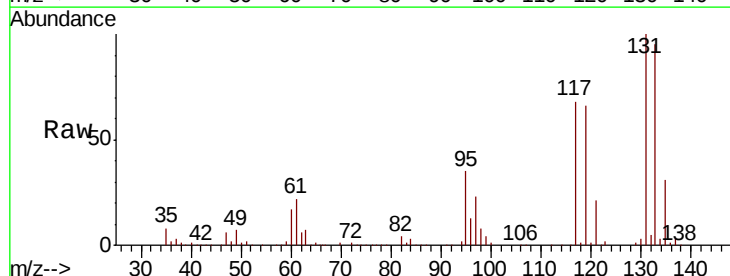
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

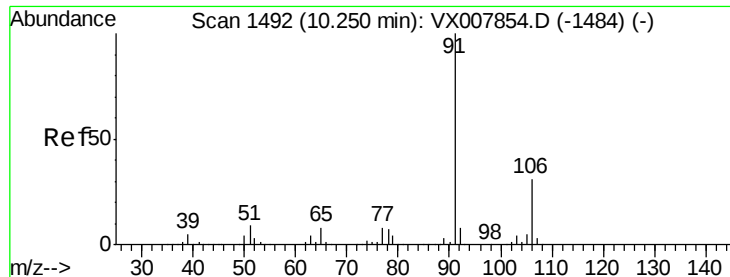
Tgt Ion:112 Resp: 464691
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.163 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion:131 Resp: 169176
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 65.2 32.5 97.5

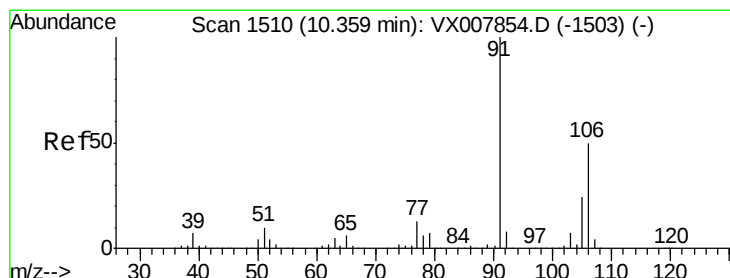
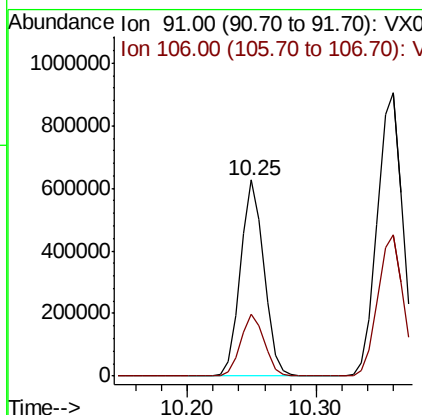
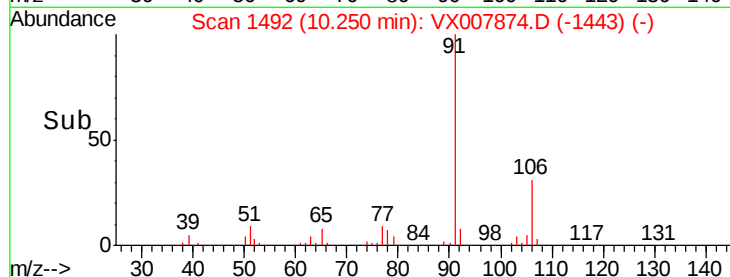
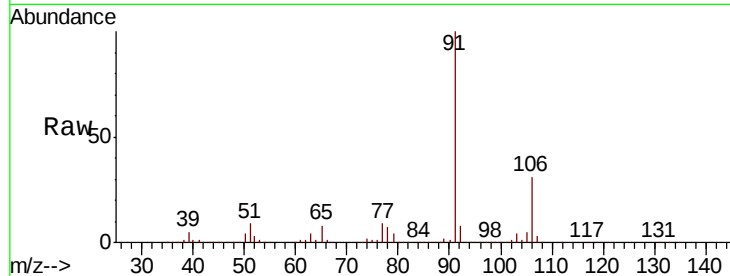




#67
Ethyl Benzene
Concen: 54.283 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

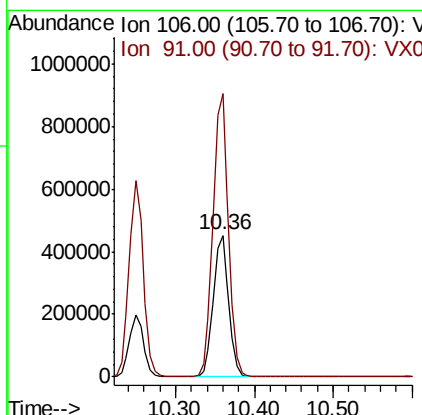
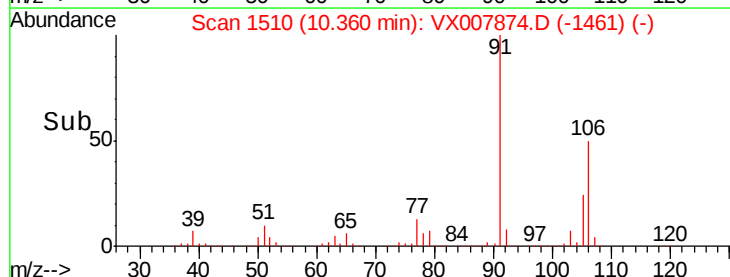
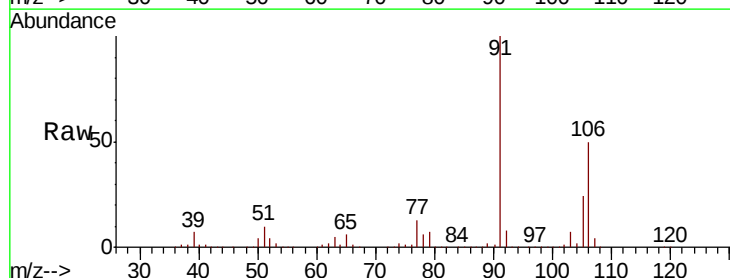
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

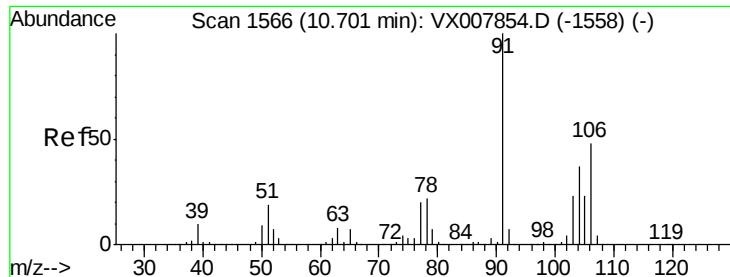
Tgt Ion: 91 Resp: 793381
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 109.268 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 106 Resp: 615576
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.6

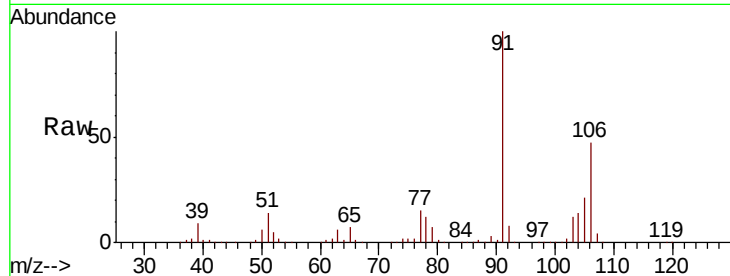




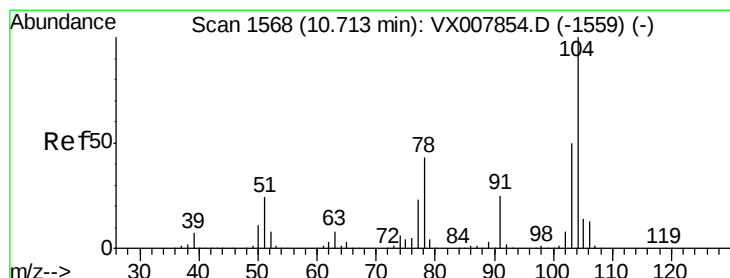
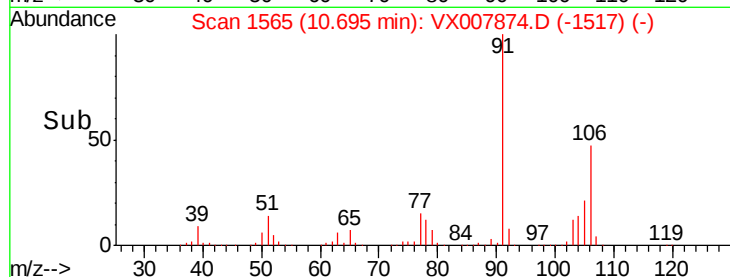
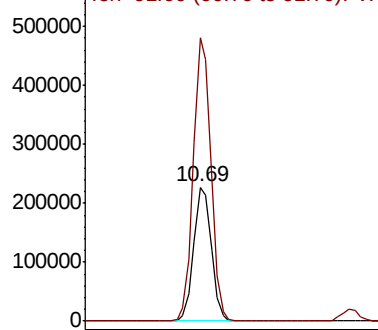
#69
o-Xylene
Concen: 54.297 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 295316
Ion Ratio Lower Upper
106 100
91 211.2 106.3 318.9

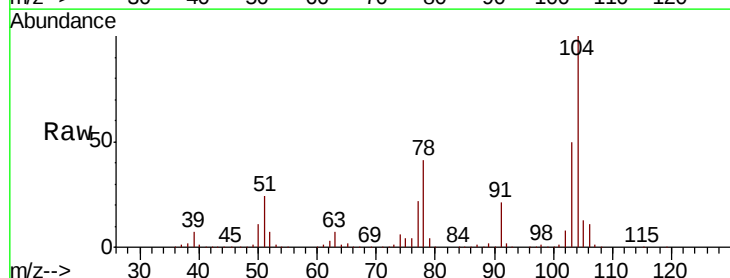


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

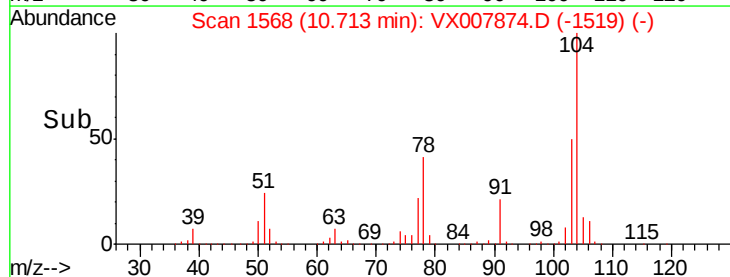
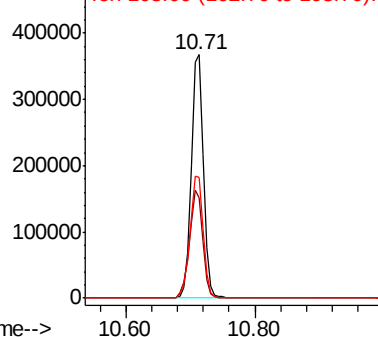


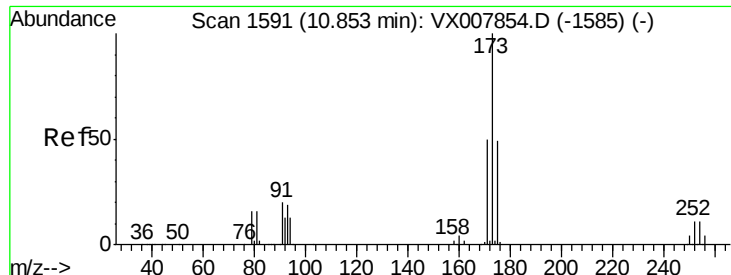
#70
Styrene
Concen: 54.994 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion:104 Resp: 489454
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 53.139 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

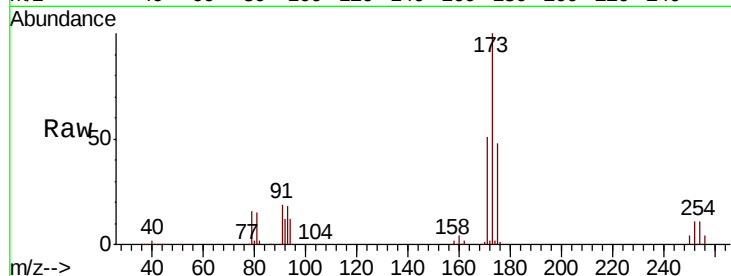
Tgt Ion:173 Resp: 145219

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

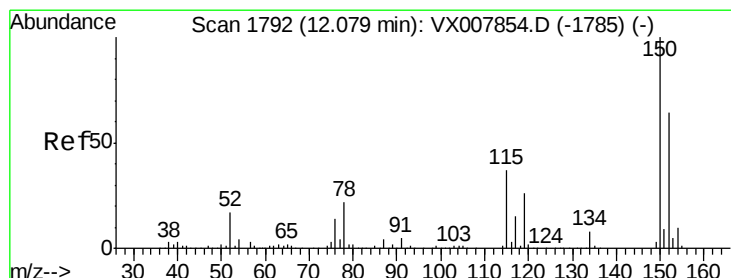
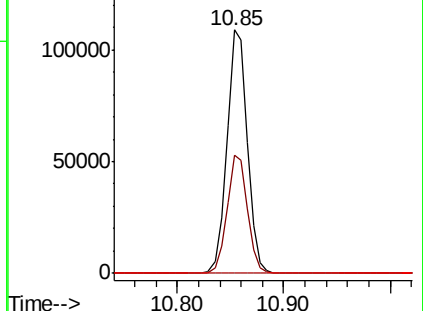
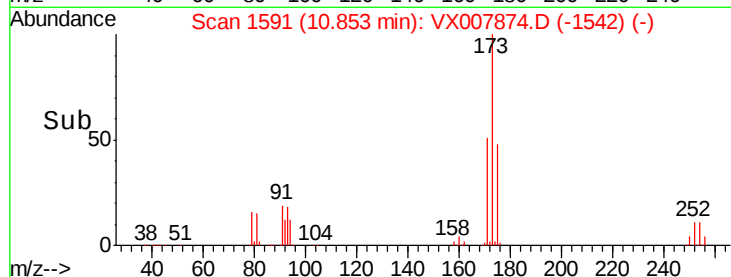
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

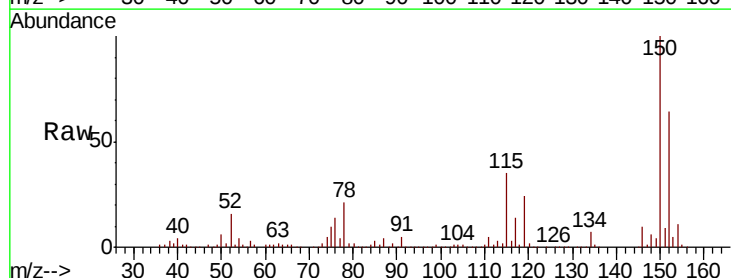
Tgt Ion:152 Resp: 217497

Ion Ratio Lower Upper

152 100

115 78.5 38.6 115.7

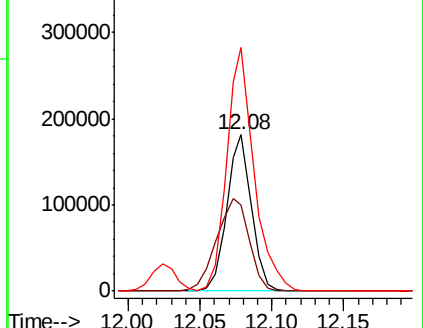
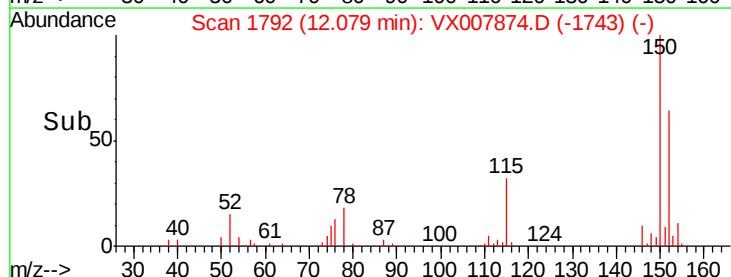
150 173.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

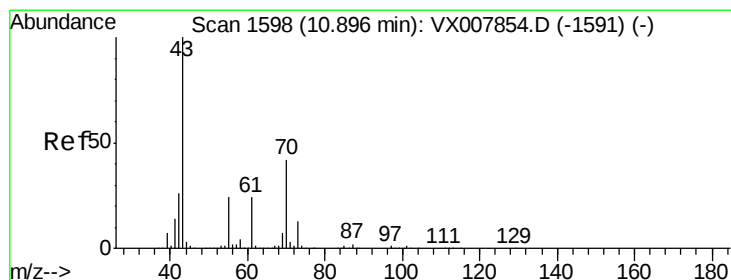
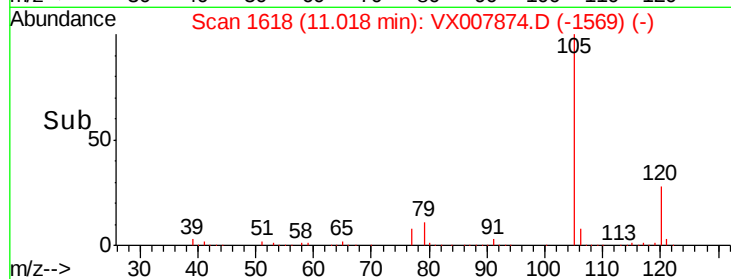
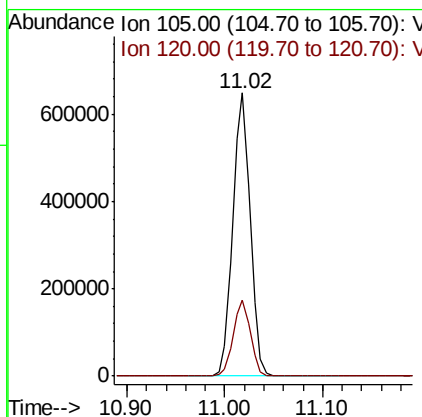
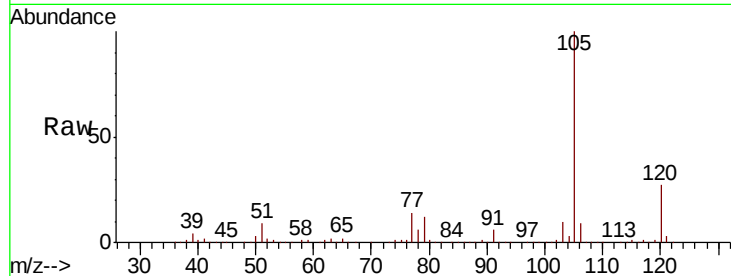




#73
Isopropylbenzene
Concen: 54.471 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

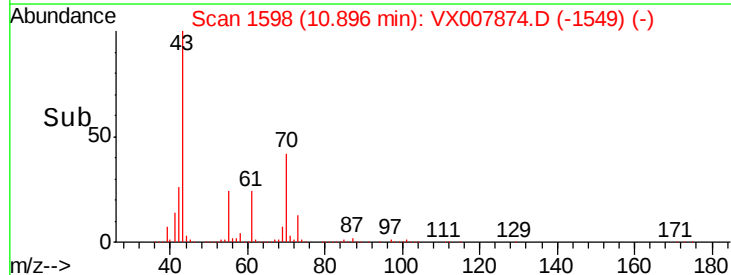
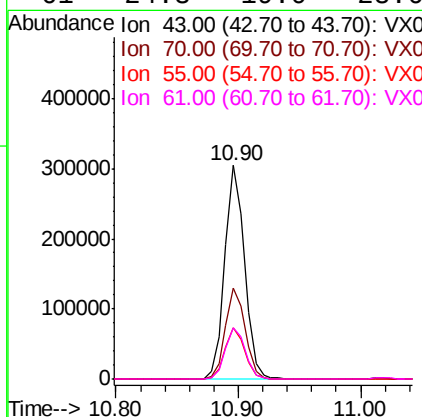
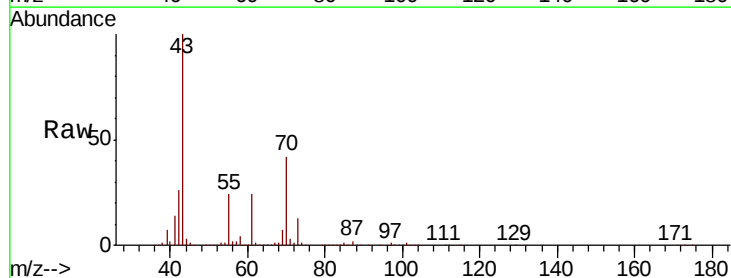
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

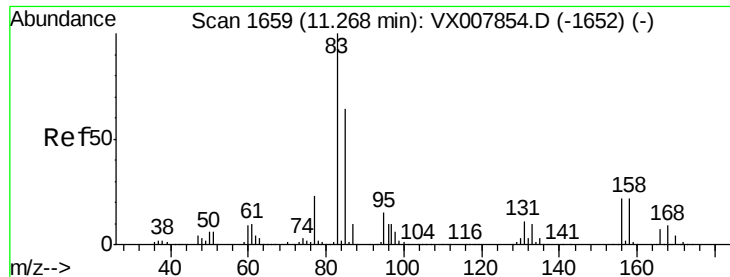
Tgt Ion: 105 Resp: 801243
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 50.890 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 43 Resp: 341745
Ion Ratio Lower Upper
43 100
70 42.4 33.5 50.3
55 24.3 19.2 28.8
61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.377 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

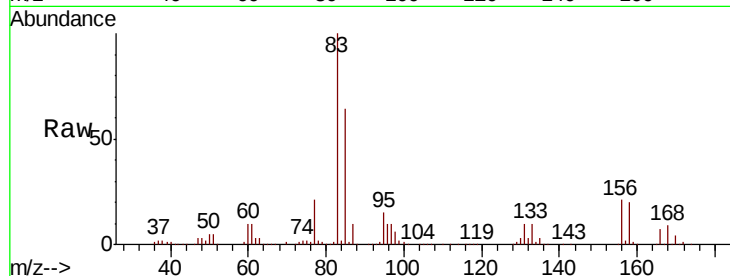
Tgt Ion: 83 Resp: 245460

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

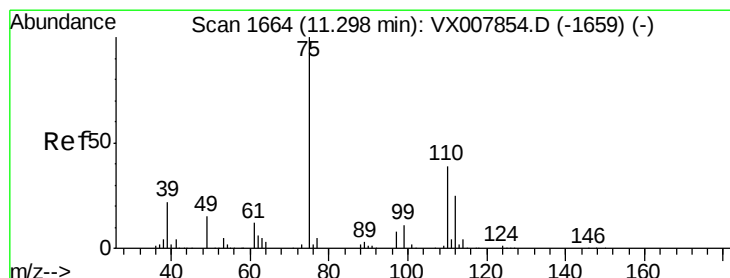
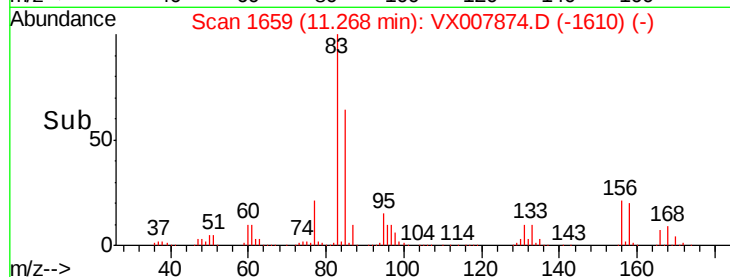
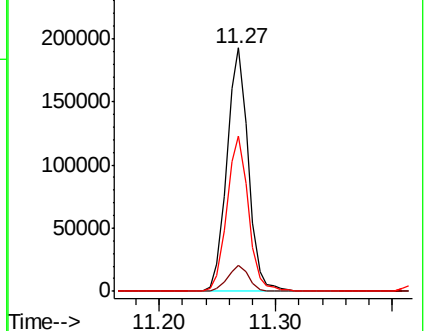
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.873 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007874.D

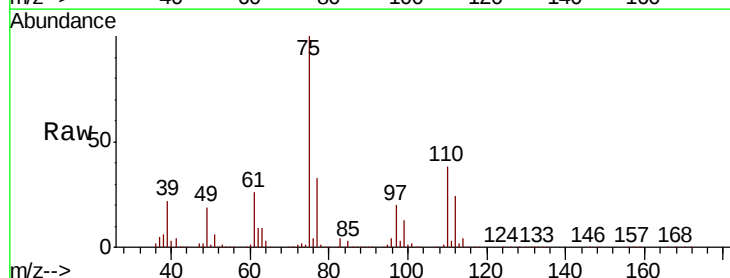
Acq: 07 Mar 2019 10:11

Tgt Ion: 75 Resp: 291515

Ion Ratio Lower Upper

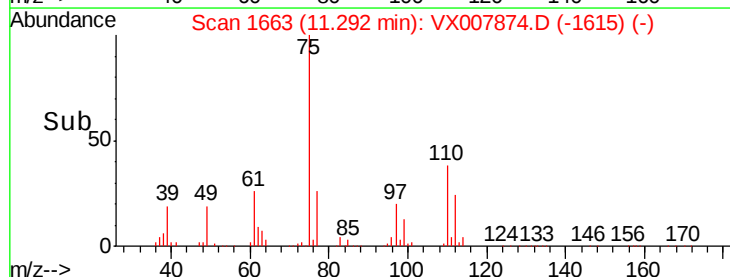
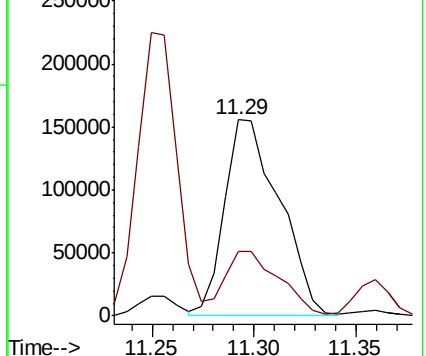
75 100

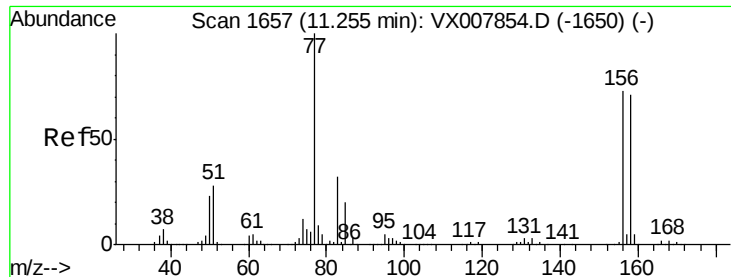
77 32.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.890 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

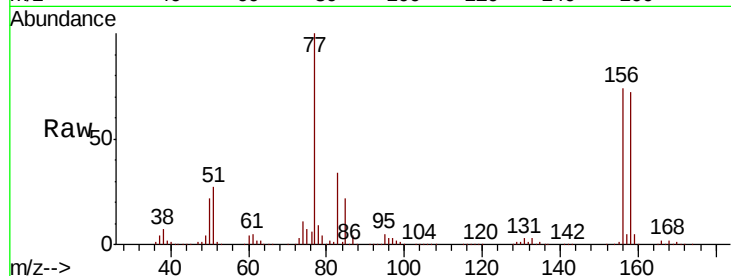
Tgt Ion:156 Resp: 209265

Ion Ratio Lower Upper

156 100

77 143.3 72.0 215.9

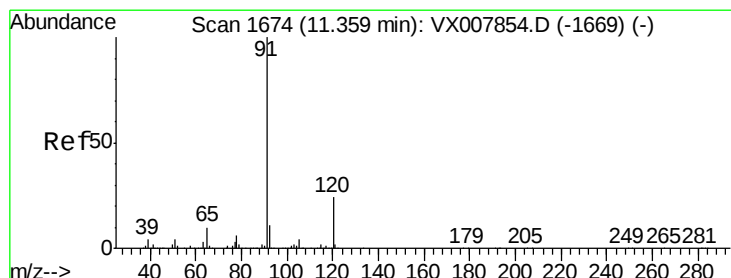
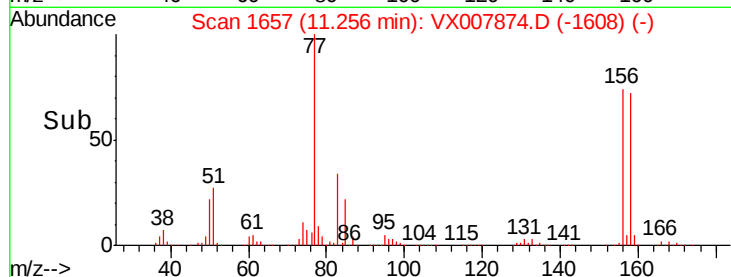
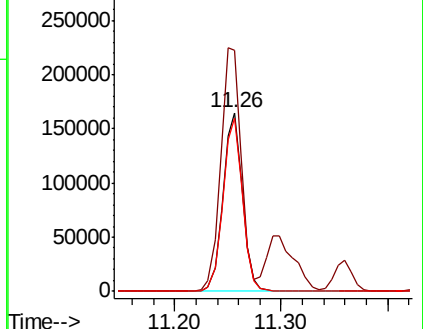
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.813 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007874.D

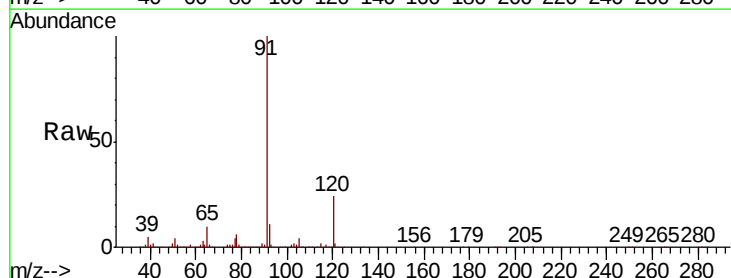
Acq: 07 Mar 2019 10:11

Tgt Ion: 91 Resp: 910796

Ion Ratio Lower Upper

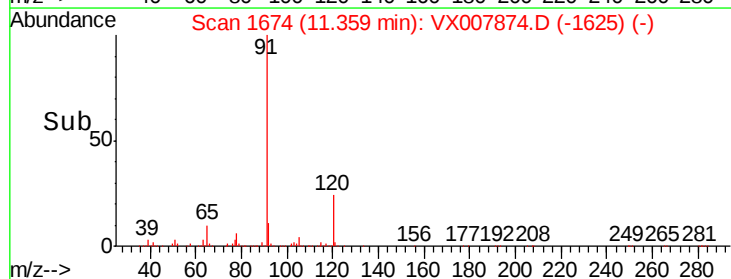
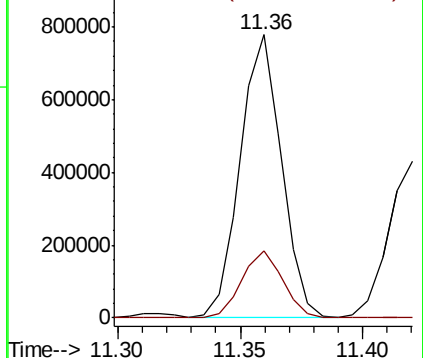
91 100

120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

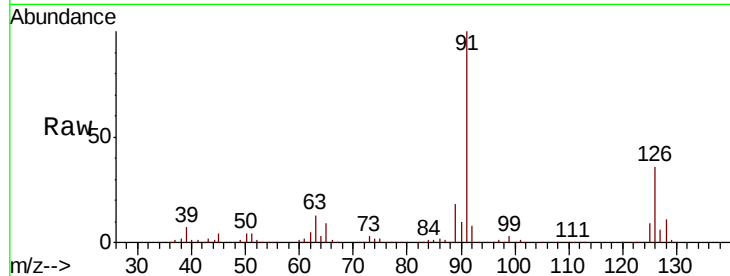




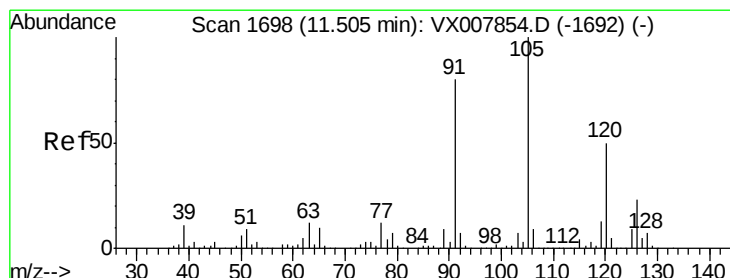
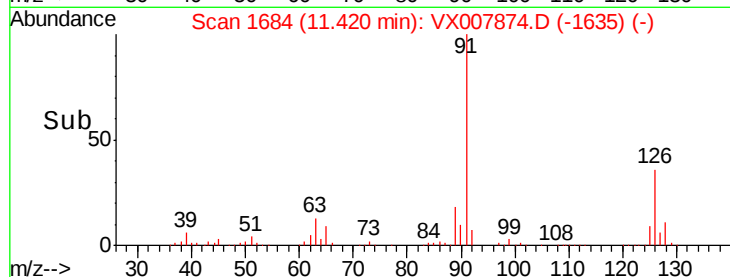
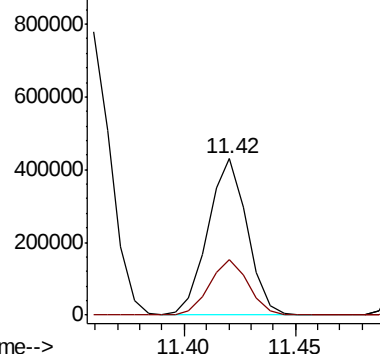
#79
2-Chlorotoluene
Concen: 52.778 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 526600
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6

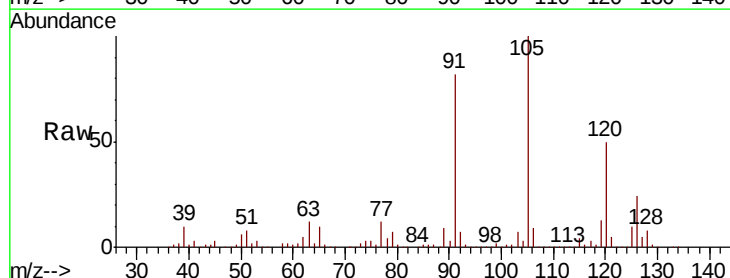


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

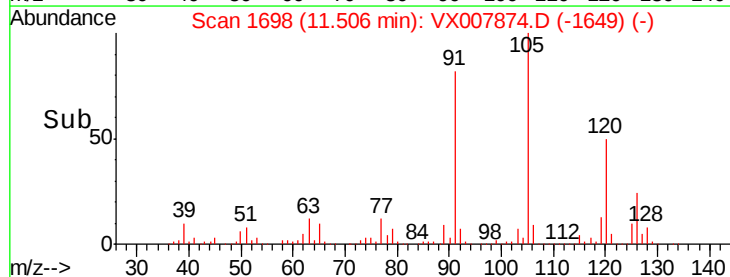
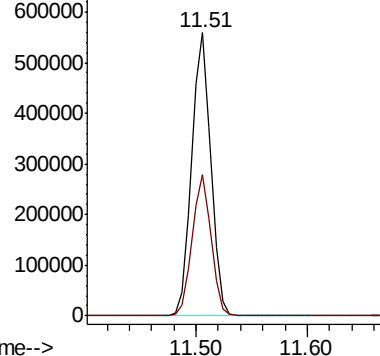


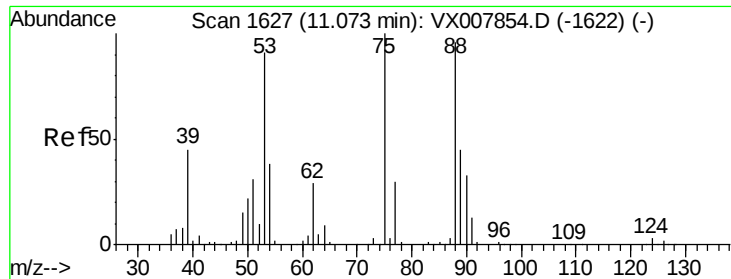
#80
1,3,5-Trimethylbenzene
Concen: 54.712 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007874.D
Acq: 07 Mar 2019 10:11

Tgt Ion: 105 Resp: 662389
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

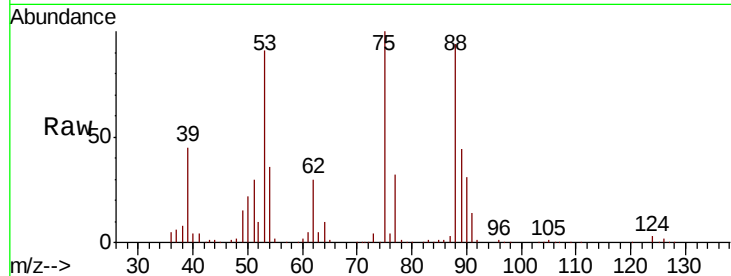
Tgt Ion: 75 Resp: 78917

Ion Ratio Lower Upper

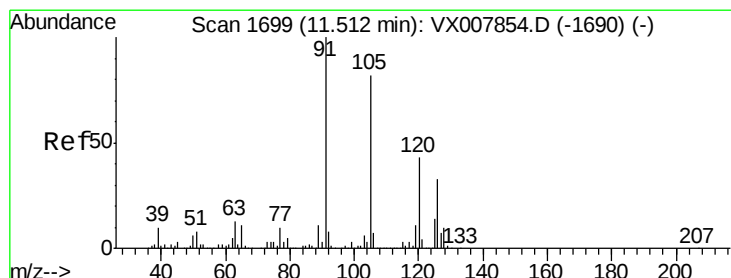
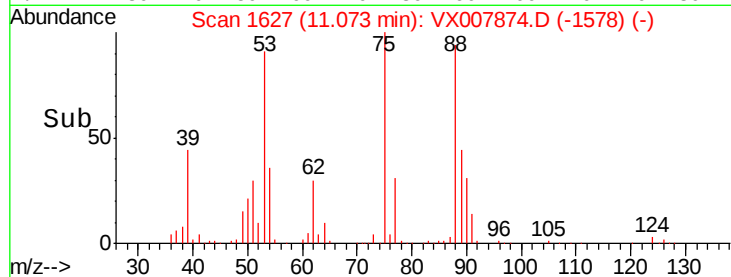
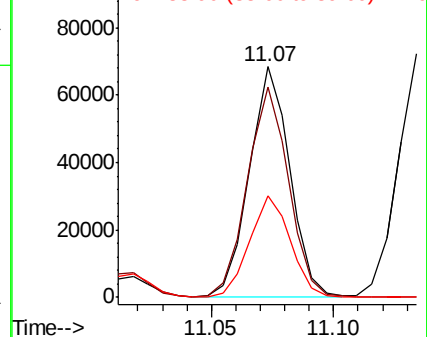
75 100

53 92.8 76.1 114.1

89 44.7 36.3 54.5



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



#82

4-Chlorotoluene

Concen: 53.480 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007874.D

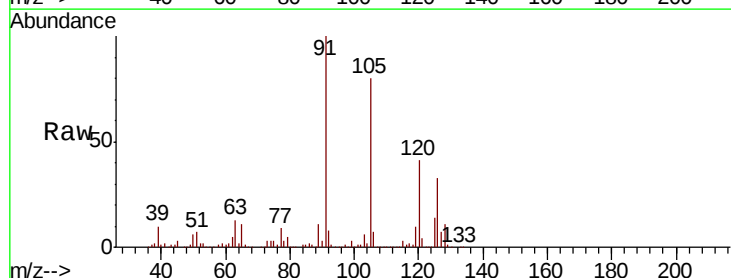
Acq: 07 Mar 2019 10:11

Tgt Ion: 91 Resp: 611510

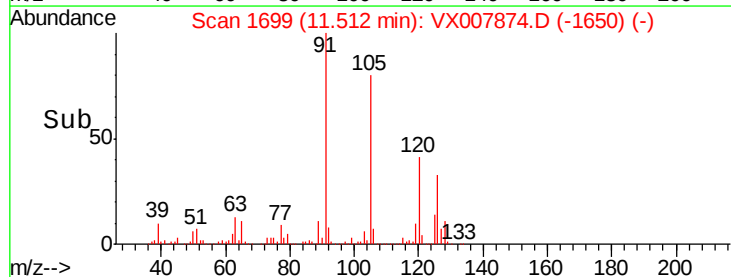
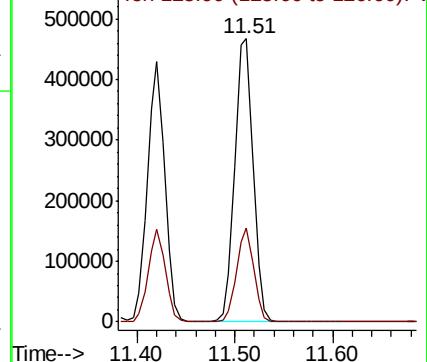
Ion Ratio Lower Upper

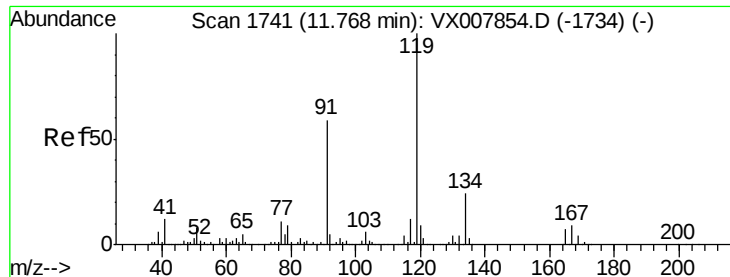
91 100

126 31.1 15.6 46.8



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

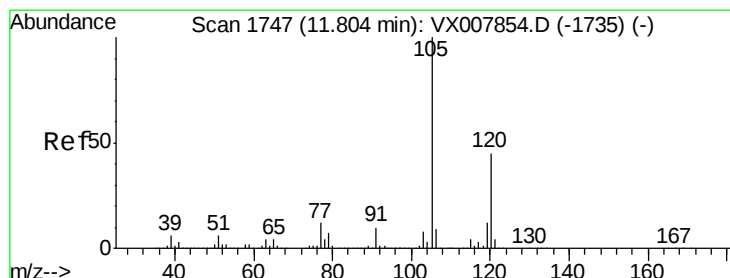
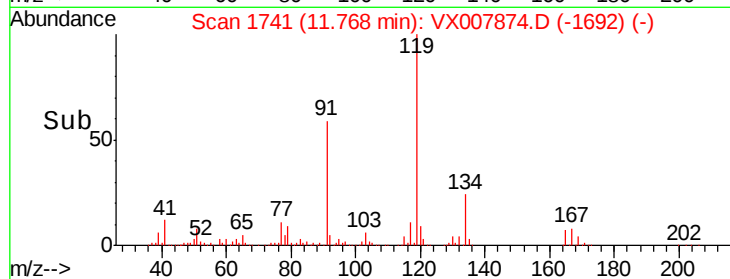
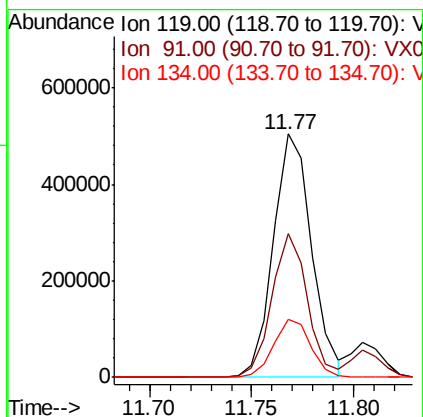
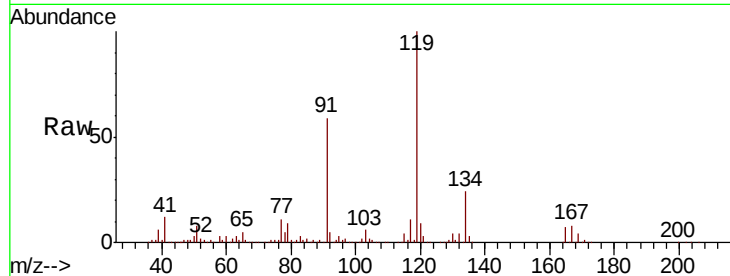




#83
 tert-Butylbenzene
 Concen: 53.997 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

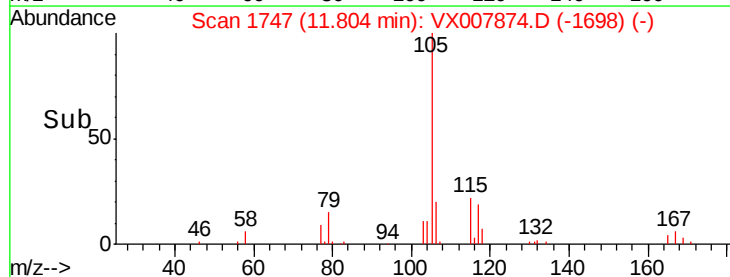
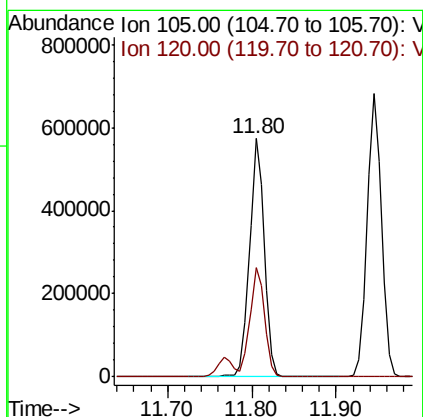
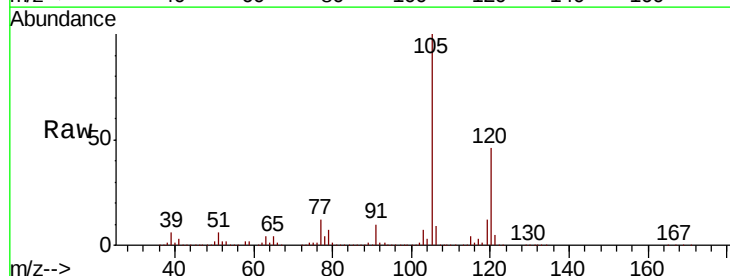
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

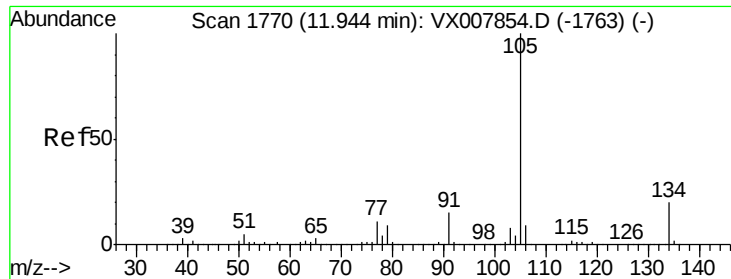
Tgt Ion:119 Resp: 658503
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.1 81.3
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.469 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion:105 Resp: 676017
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.229 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

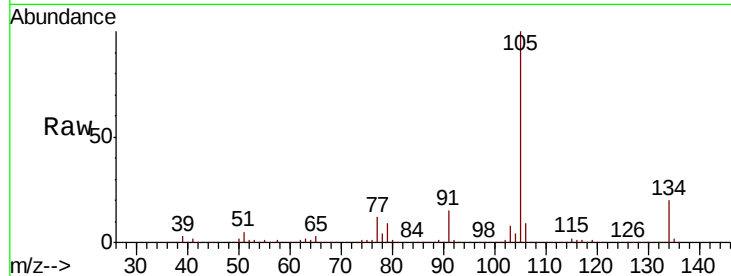
VSTDCCC050

Tgt Ion:105 Resp: 807613

Ion Ratio Lower Upper

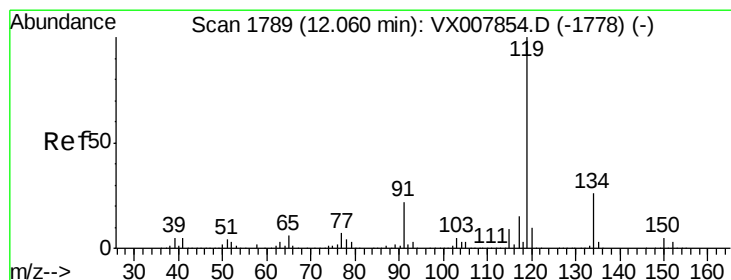
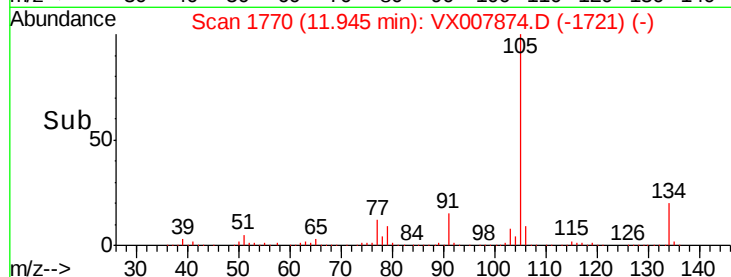
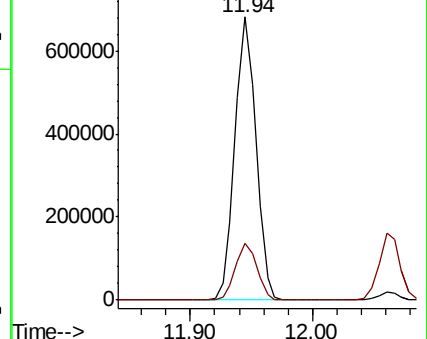
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.686 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

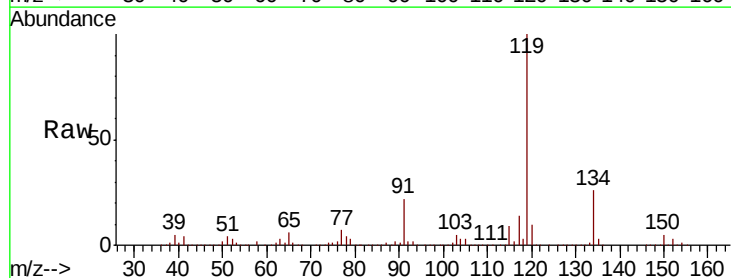
Tgt Ion:119 Resp: 729148

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

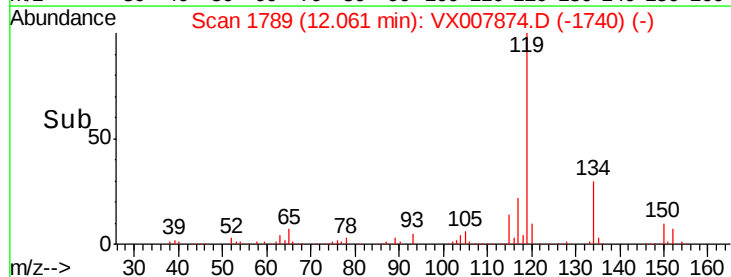
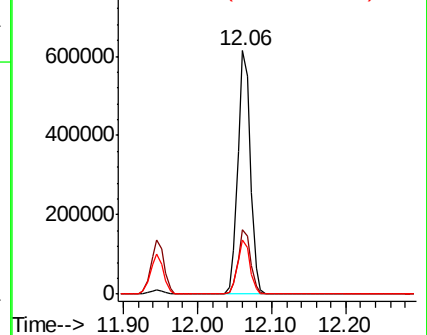
91 21.9 10.9 32.7

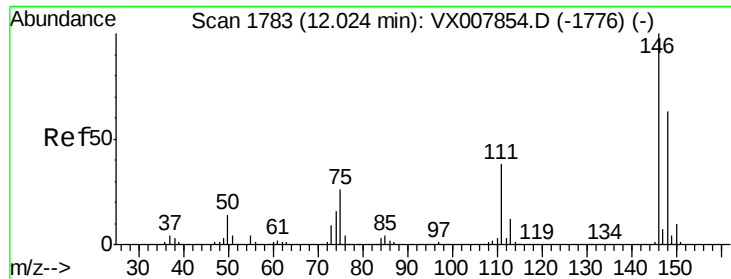


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

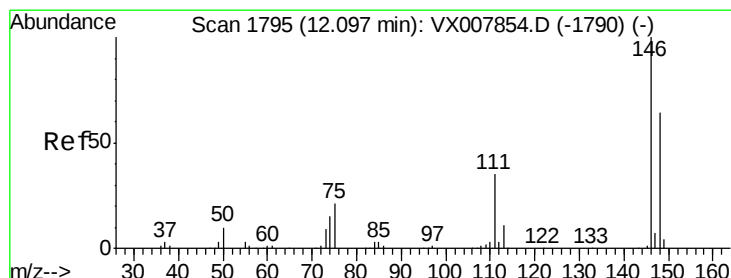
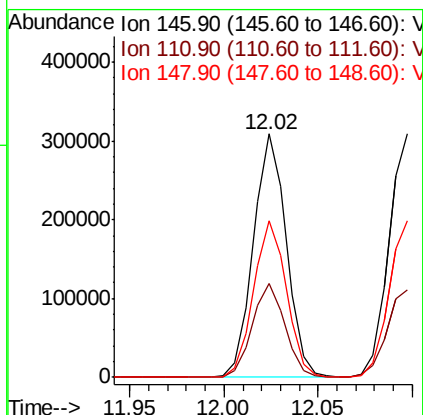
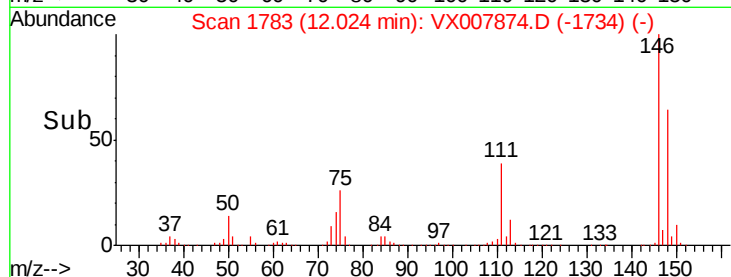
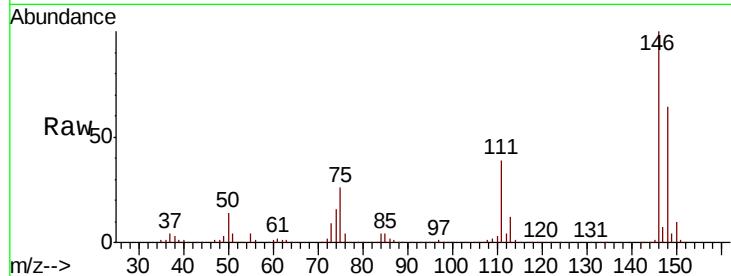




#87
 1,3-Dichlorobenzene
 Concen: 52.343 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

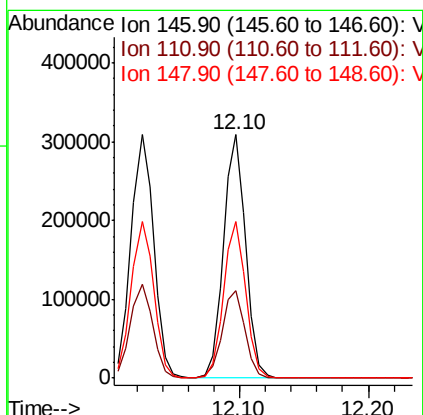
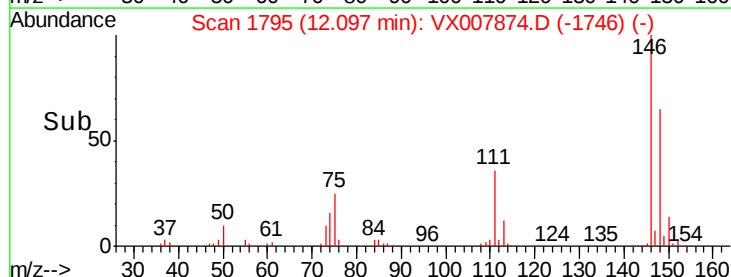
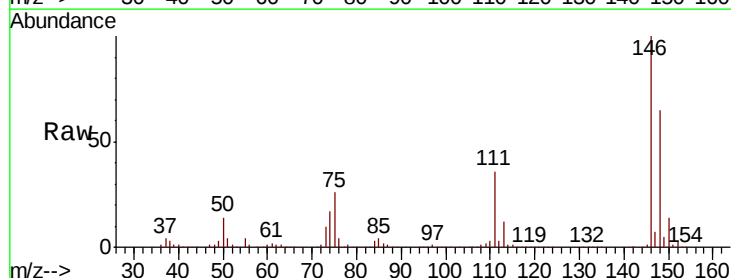
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

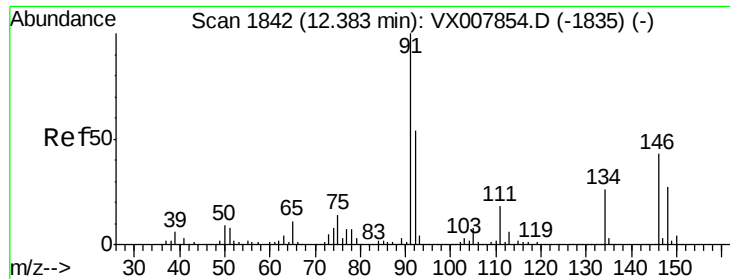
Tgt Ion:146 Resp: 373455
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.268 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion:146 Resp: 374593
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 58.086 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

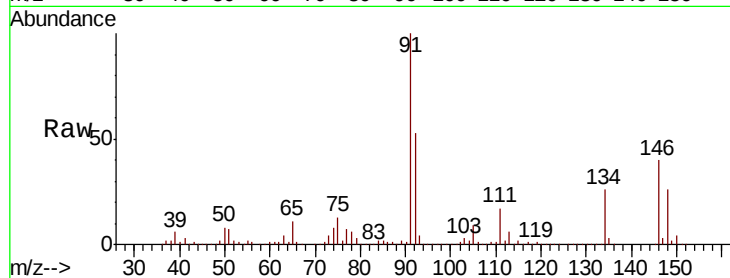
Tgt Ion: 91 Resp: 633006

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

134 27.3 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX007854.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX007854.D (-1835) (-)

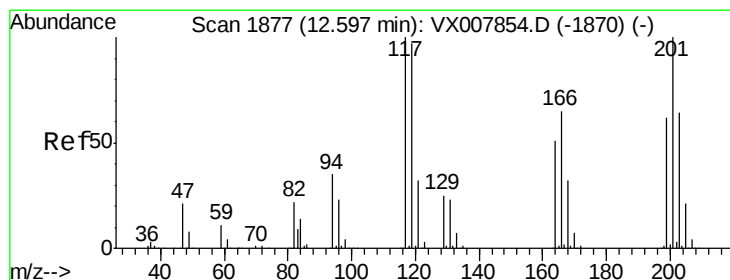
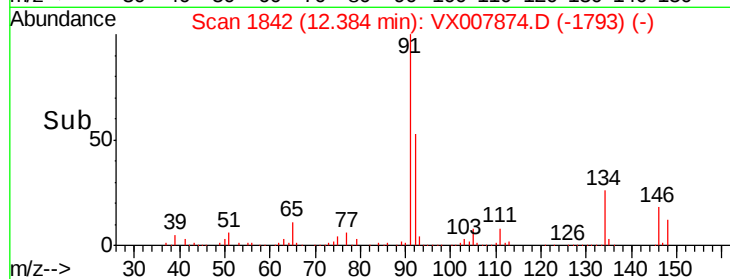
12.38

400000

200000

0

Time-->



#90

Hexachloroethane

Concen: 55.347 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007874.D

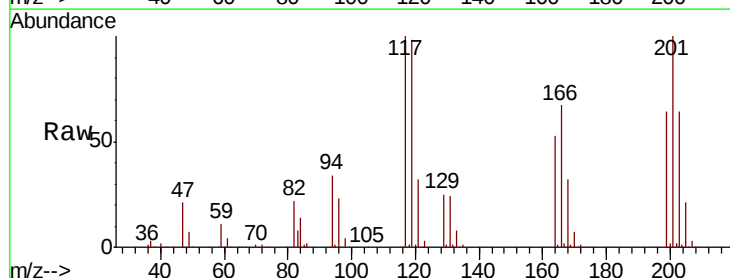
Acq: 07 Mar 2019 10:11

Tgt Ion: 117 Resp: 119031

Ion Ratio Lower Upper

117 100

201 97.7 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX007854.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX007854.D (-1870) (-)

12.60

100000

80000

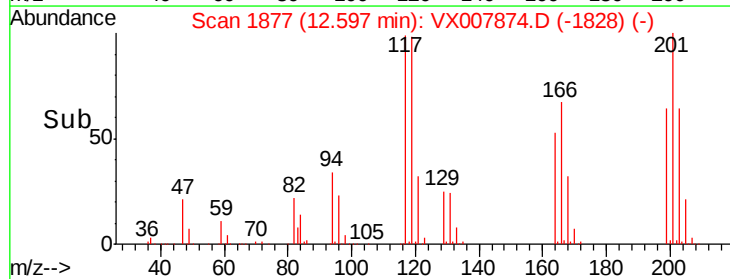
60000

40000

20000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 51.390 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

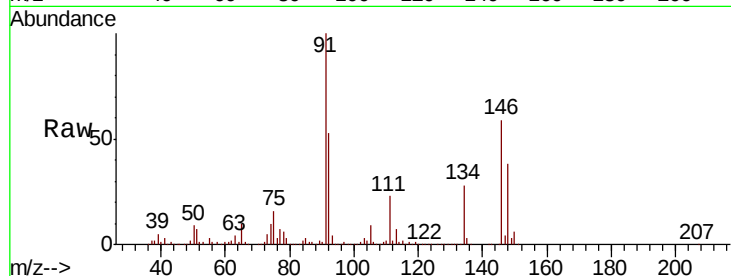
Tgt Ion:146 Resp: 364241

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

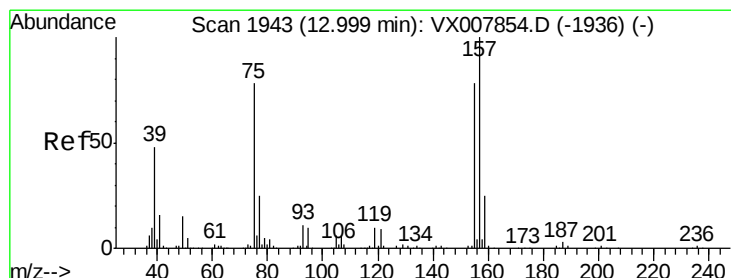
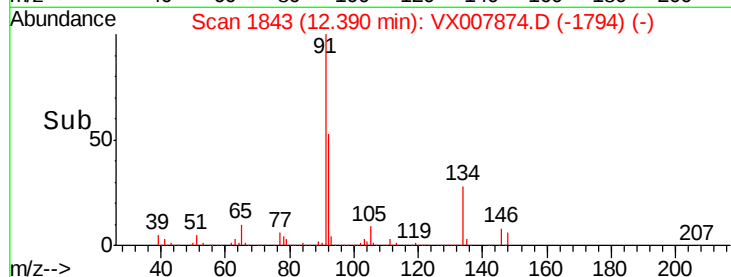
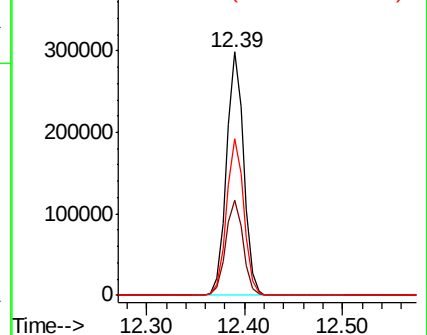
148 64.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.210 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

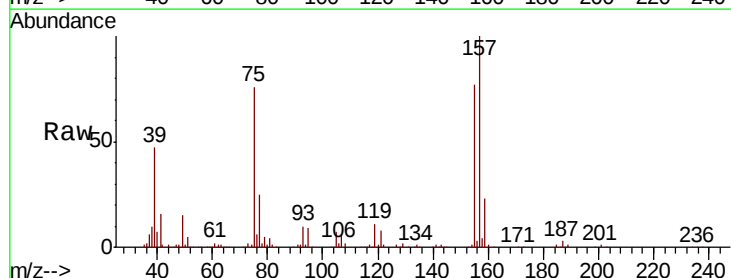
Tgt Ion: 75 Resp: 51122

Ion Ratio Lower Upper

75 100

155 101.7 49.7 149.1

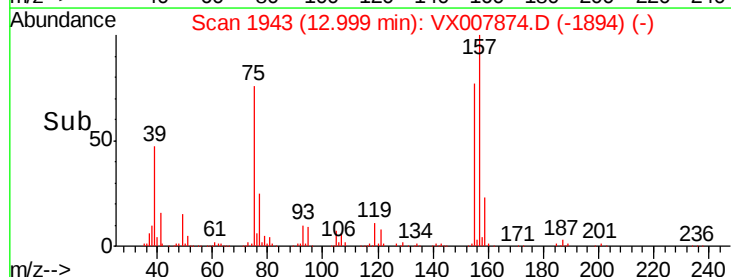
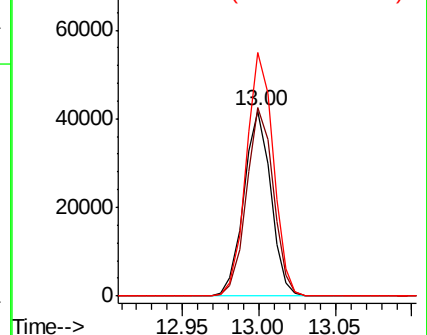
157 131.7 63.8 191.4

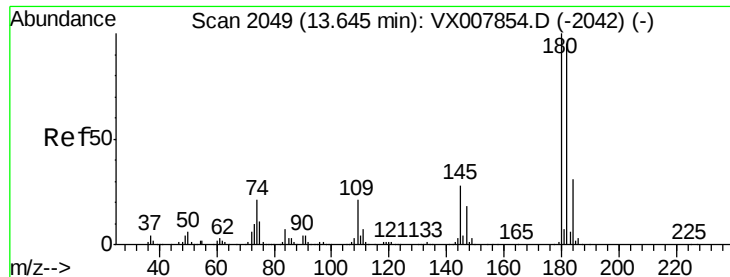


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

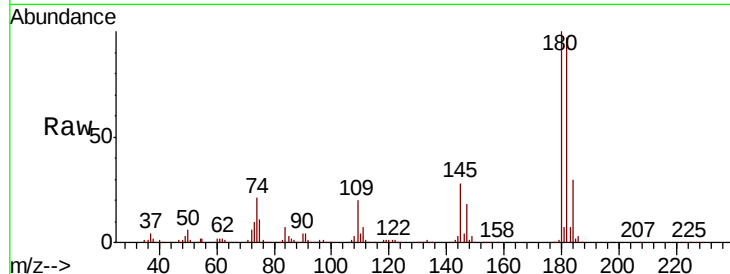




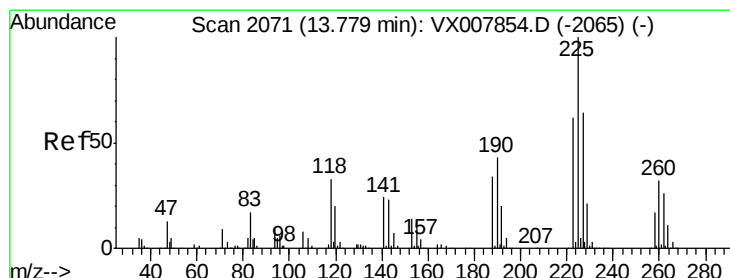
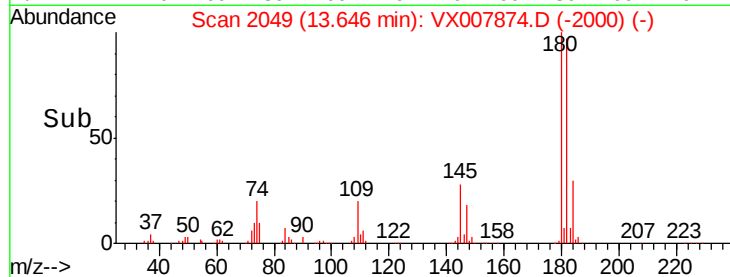
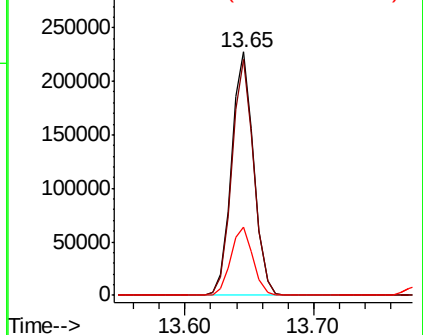
#93
 1,2,4-Trichlorobenzene
 Concen: 54.813 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 272921
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.7
 145 28.1 14.1 42.4

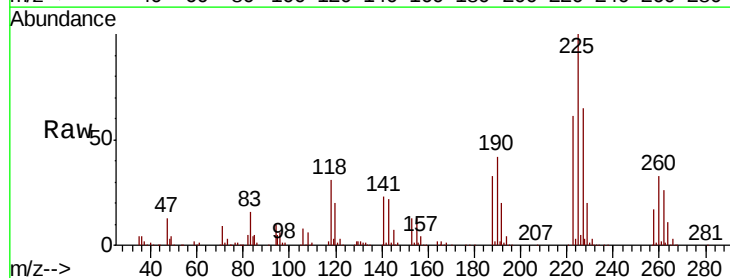


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

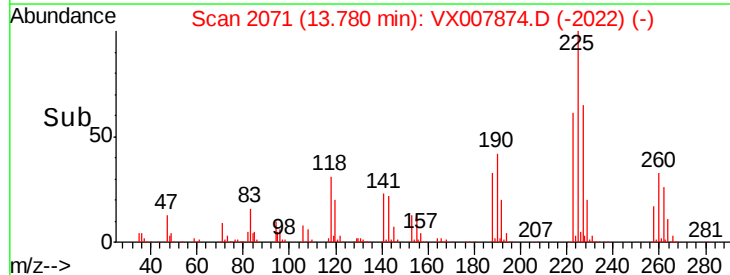
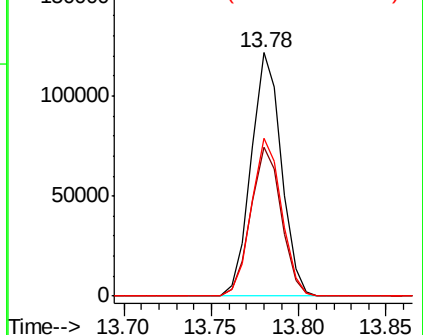


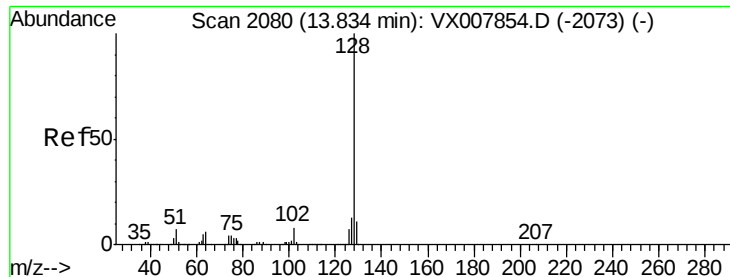
#94
 Hexachlorobutadiene
 Concen: 56.268 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007874.D
 Acq: 07 Mar 2019 10:11

Tgt Ion:225 Resp: 146478
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.2
 227 64.5 32.0 96.0



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





#95

Naphthalene

Concen: 53.786 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

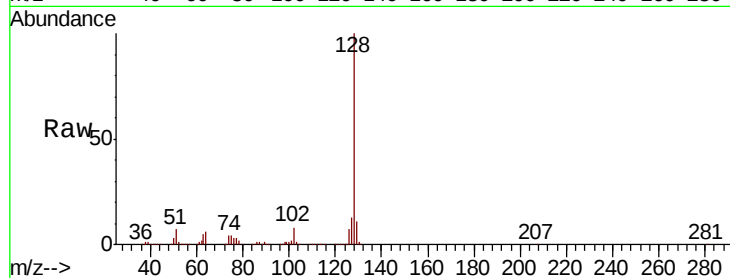
Tgt Ion:128 Resp: 771644

Ion Ratio Lower Upper

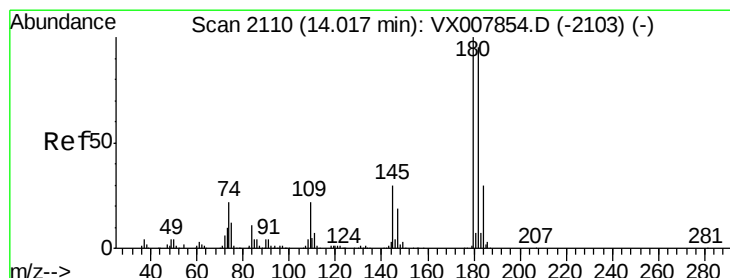
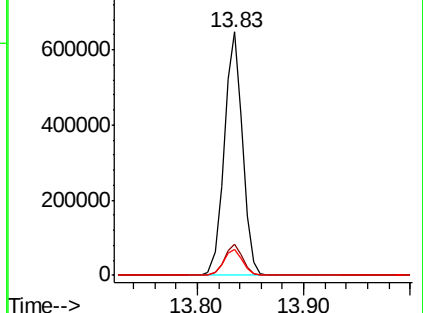
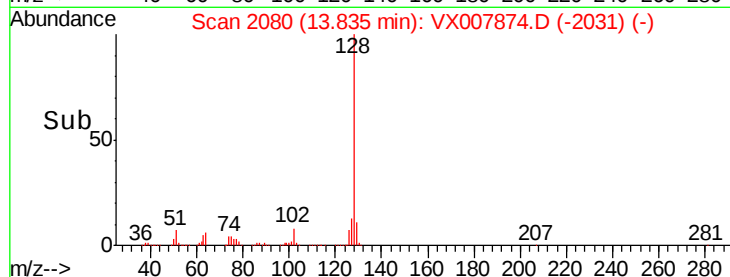
128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 54.088 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007874.D

Acq: 07 Mar 2019 10:11

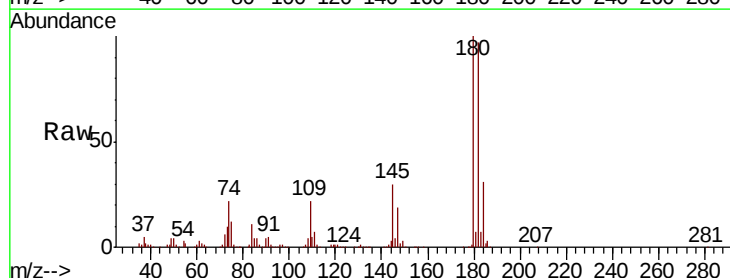
Tgt Ion:180 Resp: 268280

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 29.7 14.8 44.3



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

