

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004257.D
 Acq On : 24 Aug 2018 19:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 00:32:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209368	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	178959	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	682687	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.14	95	257073	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	190598	51.52	ug/l	100
3) Chloromethane	1.32	50	191196	46.78	ug/l	99
4) Vinyl Chloride	1.40	62	208921	49.92	ug/l	99
5) Bromomethane	1.64	94	81644	39.14	ug/l	98
6) Chloroethane	1.71	64	136049	45.66	ug/l	99
7) Trichlorofluoromethane	1.92	101	285878	49.85	ug/l	96
8) Diethyl Ether	2.18	74	125869	51.25	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175197	48.77	ug/l	99
10) Methyl Iodide	2.51	142	156779	39.64	ug/l	99
11) Tert butyl alcohol	3.08	59	229064	258.12	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166825	49.30	ug/l	94
13) Acrolein	2.29	56	67446	315.25	ug/l	96
14) Allyl chloride	2.72	41	306423	49.29	ug/l	99
15) Acrylonitrile	3.15	53	542361	246.78	ug/l	99
16) Acetone	2.45	43	439124	258.67	ug/l	99
17) Carbon Disulfide	2.56	76	456799	48.63	ug/l	99
18) Methyl Acetate	2.78	43	339183	54.90	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	565689	50.73	ug/l	98
20) Methylene Chloride	2.85	84	190845	47.62	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	178727	47.72	ug/l	97
22) Diisopropyl ether	3.87	45	577447	49.75	ug/l	99
23) Vinyl Acetate	3.82	43	2354656	250.28	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330973	48.93	ug/l	99
25) 2-Butanone	4.70	43	710598	254.79	ug/l	100
26) 2,2-Dichloropropane	4.58	77	223617	42.15	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	212800	50.09	ug/l	97
28) Bromochloromethane	5.01	49	150145	50.13	ug/l	99
29) Tetrahydrofuran	5.16	42	451212	252.26	ug/l	99
30) Chloroform	5.21	83	335429	49.46	ug/l	98
31) Cyclohexane	5.57	56	294307	50.42	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	283898	50.20	ug/l	100
36) 1,1-Dichloropropene	5.80	75	255535	47.73	ug/l	99
37) Ethyl Acetate	4.86	43	259991	49.37	ug/l	100
38) Carbon Tetrachloride	5.78	117	247102	49.06	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	300953	49.23	ug/l	99
40) Benzene	6.14	78	789097	49.32	ug/l	100
41) Methacrylonitrile	5.06	41	151331	49.58	ug/l	100
42) 1,2-Dichloroethane	6.20	62	264187	48.41	ug/l	100
43) Isopropyl Acetate	6.46	43	416066	51.42	ug/l	100
44) Trichloroethene	7.21	130	212300	47.94	ug/l	98
45) 1,2-Dichloropropane	7.52	63	195608	48.85	ug/l	99
46) Dibromomethane	7.67	93	129666	48.64	ug/l	98
47) Bromodichloromethane	7.90	83	252417	50.88	ug/l	99
48) Methyl methacrylate	7.78	41	222029	51.28	ug/l	99
49) 1,4-Dioxane	7.76	88	103265	1050.54	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1406906	239.32	ug/l	99
52) Toluene	8.79	92	499821	49.91	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	275314	50.25	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	303196	50.80	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	200892	49.69	ug/l	98
56) Ethyl methacrylate	9.18	69	300034	54.52	ug/l	98
57) 1,3-Dichloropropane	9.37	76	339810	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	751045	266.35	ug/l	100
59) 2-Hexanone	9.50	43	1077826	240.32	ug/l	99
60) Dibromochloromethane	9.59	129	204506	51.92	ug/l	100
61) 1,2-Dibromoethane	9.67	107	211010	50.44	ug/l	99
64) Tetrachloroethene	9.34	164	204040	50.59	ug/l	100
65) Chlorobenzene	10.14	112	521724	50.91	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	182639	51.68	ug/l	98
67) Ethyl Benzene	10.25	91	905841	54.43	ug/l	98
68) m/p-Xylenes	10.36	106	699030	107.43	ug/l	98
69) o-Xylene	10.70	106	328629	53.39	ug/l	99
70) Styrene	10.71	104	538189	54.00	ug/l	97
71) Bromoform	10.86	173	152659	53.58	ug/l	98
73) Isopropylbenzene	11.02	105	959867	53.27	ug/l	100
74) N-amyl acetate	10.90	43	369280	53.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	310060	49.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	355240	63.67	ug/l	86
77) Bromobenzene	11.26	156	256982	50.84	ug/l	99
78) n-propylbenzene	11.36	91	1104381	53.29	ug/l	100
79) 2-Chlorotoluene	11.42	91	651864	51.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	808142	54.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86856	50.51	ug/l	99
82) 4-Chlorotoluene	11.51	91	766186	51.04	ug/l	100
83) tert-Butylbenzene	11.77	119	808831	53.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	827463	54.02	ug/l	99
85) sec-Butylbenzene	11.94	105	945658	53.05	ug/l	100
86) p-Isopropyltoluene	12.07	119	864308	54.11	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	472545	49.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	482791	48.12	ug/l	100
89) n-Butylbenzene	12.39	91	684594	52.70	ug/l	99
90) Hexachloroethane	12.60	117	116134	52.02	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	439516	50.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57298	51.59	ug/l	92

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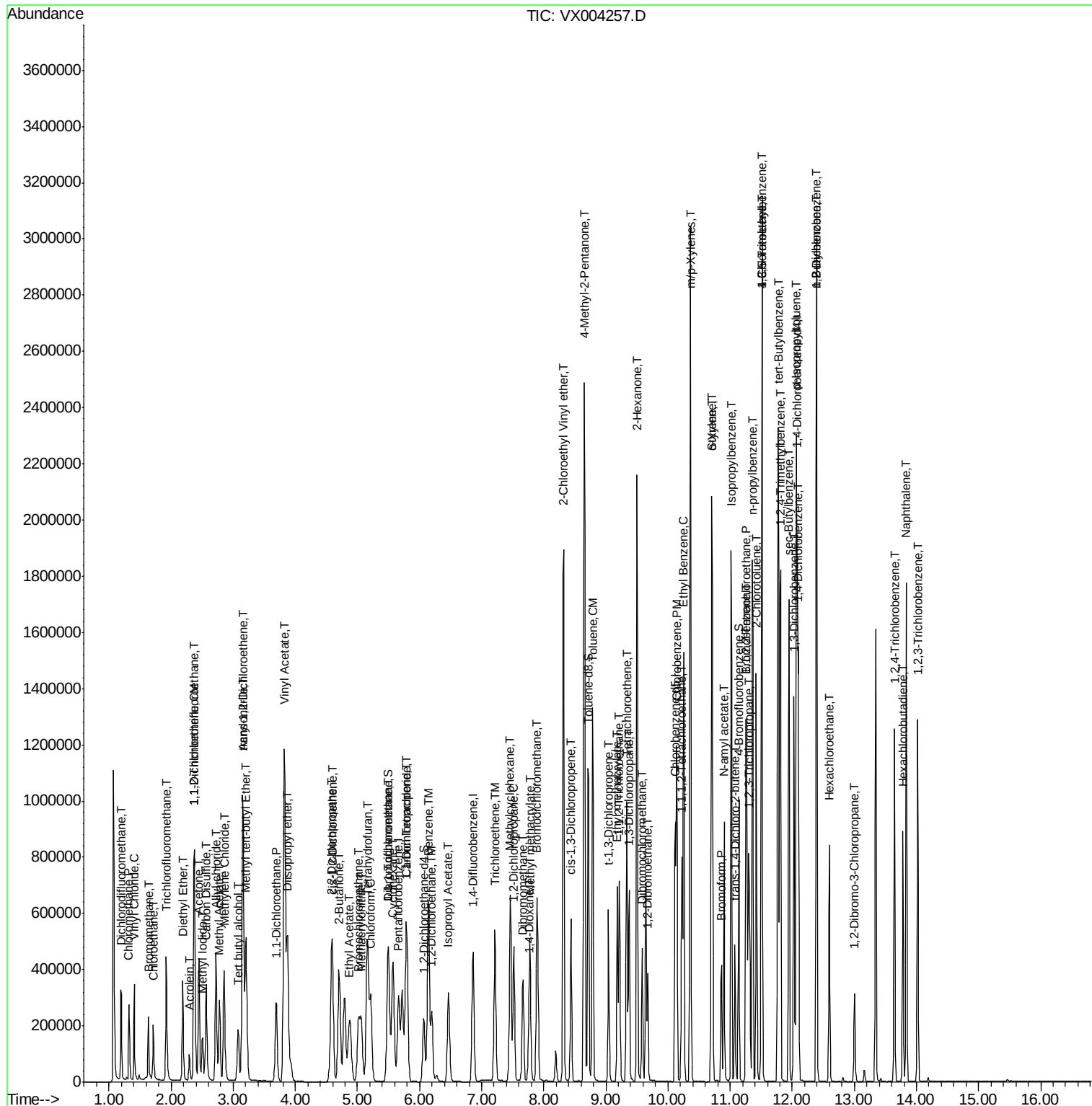
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

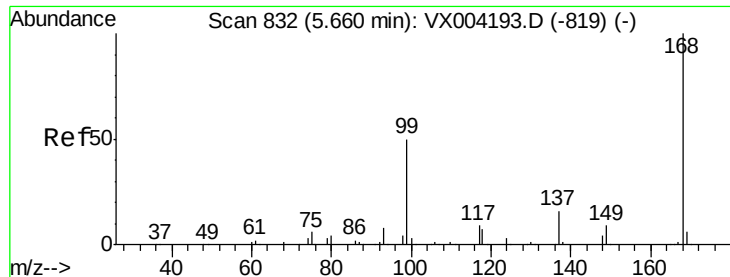
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318418	50.32	ug/l	97
94) Hexachlorobutadiene	13.79	225	141541	48.07	ug/l	94
95) Naphthalene	13.83	128	1023971	57.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	351370	52.45	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

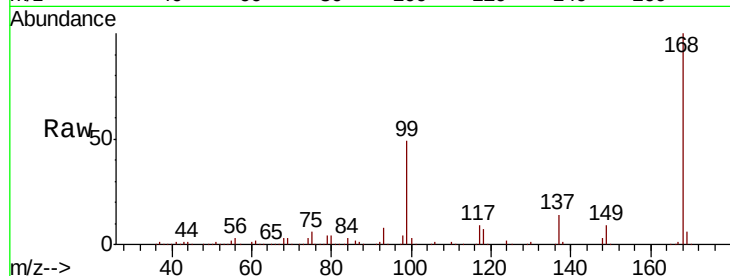
VSTDCCC050EC

Tot Ion:168 Resp: 319411

Ion Ratio Lower Upper

168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

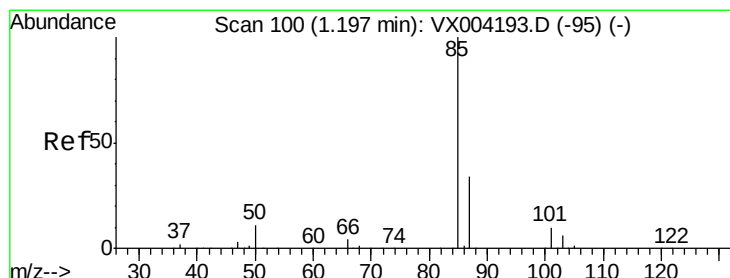
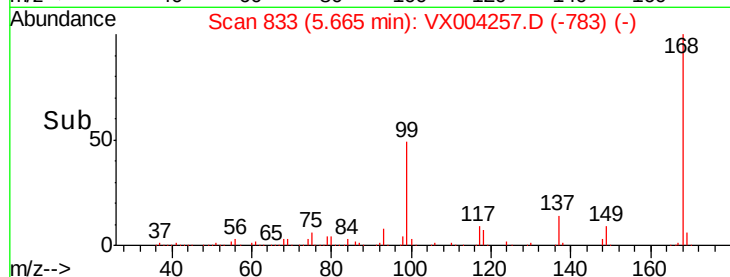
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.52 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004257.D

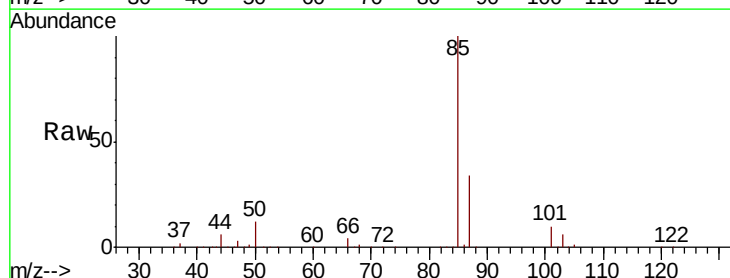
Acq: 24 Aug 2018 19:48

Tgt Ion: 85 Resp: 190598

Ion Ratio Lower Upper

85 100

87 33.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

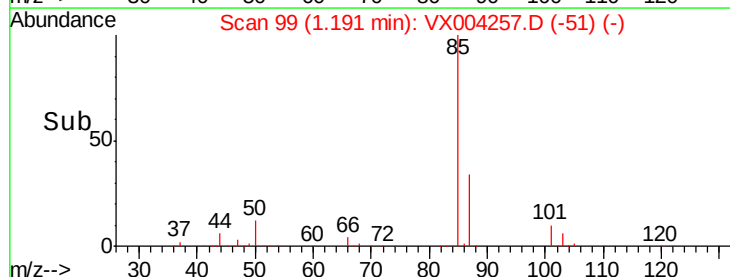
150000

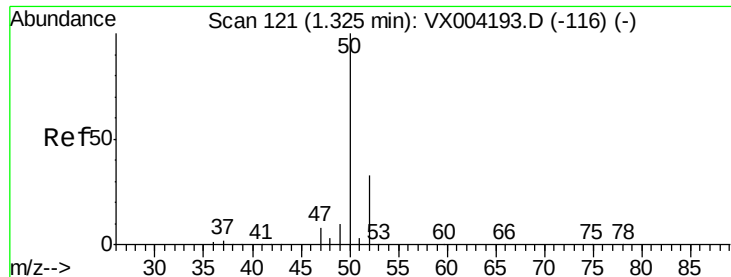
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.78 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

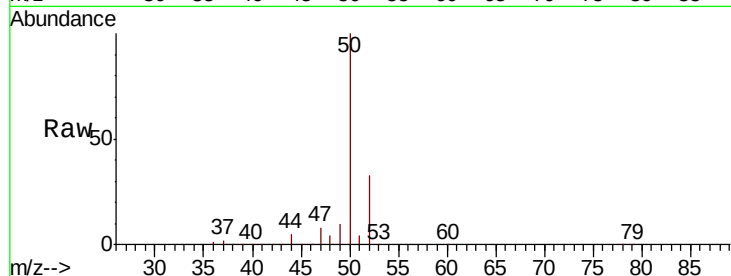
VSTDCCC050EC

Tot Ion: 50 Resp: 191196

Ion Ratio Lower Upper

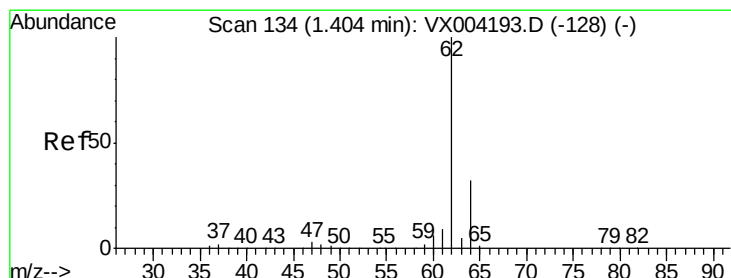
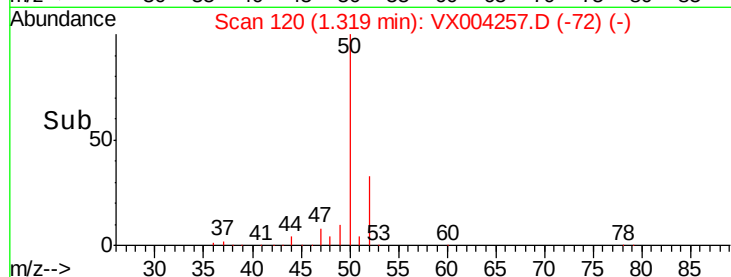
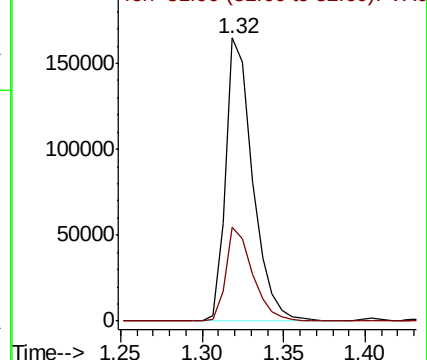
50 100

52 33.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004257.D

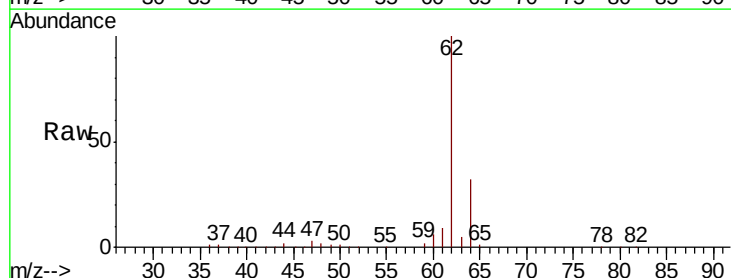
Acq: 24 Aug 2018 19:48

Tgt Ion: 62 Resp: 208921

Ion Ratio Lower Upper

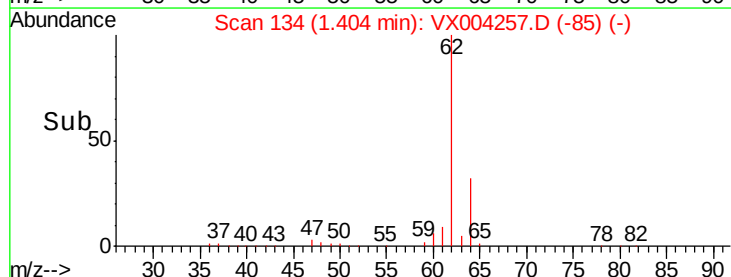
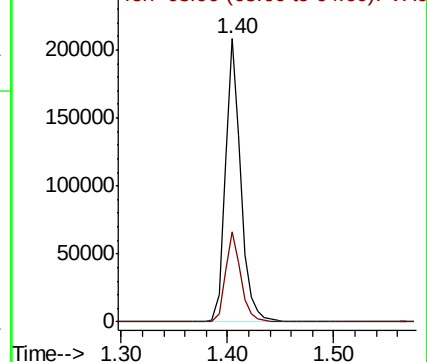
62 100

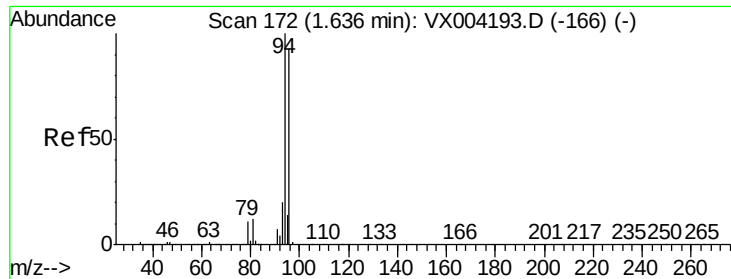
64 31.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

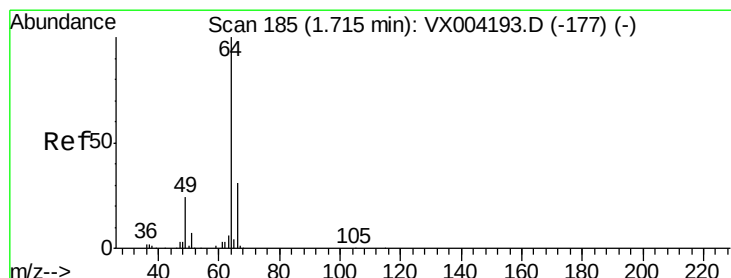
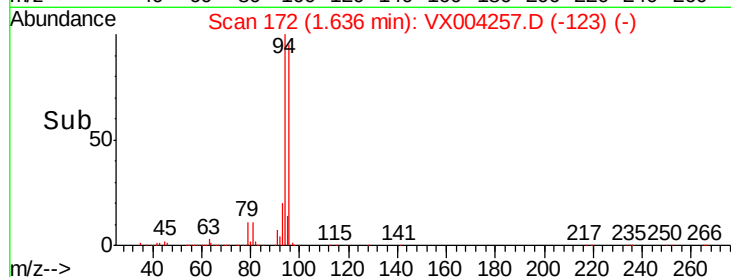
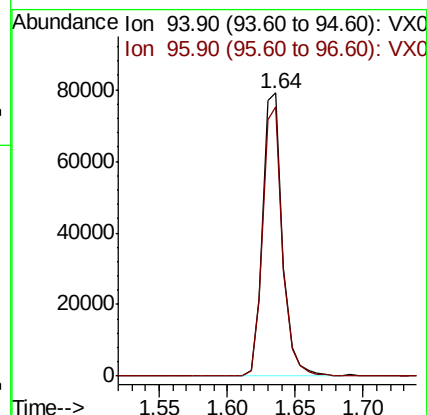
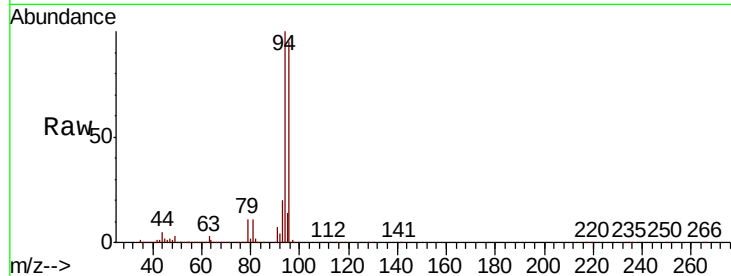
VSTDCCC050EC

Tot Ion: 94 Resp: 81644

Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7



#6

Chloroethane

Concen: 45.66 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004257.D

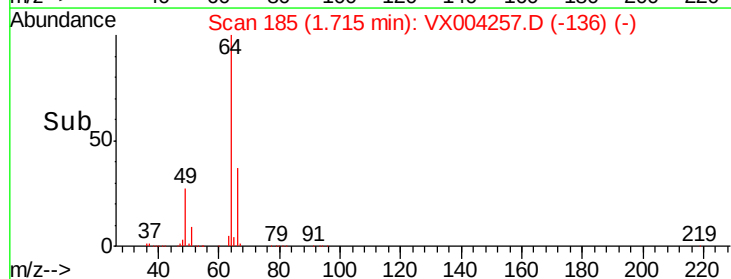
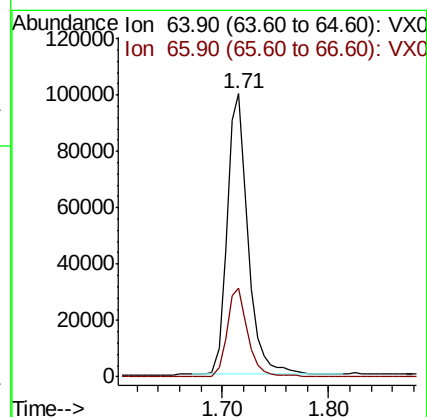
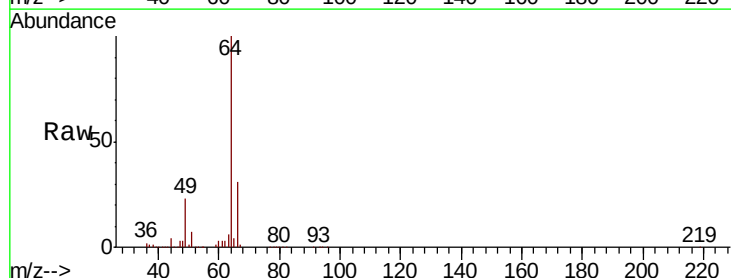
Acq: 24 Aug 2018 19:48

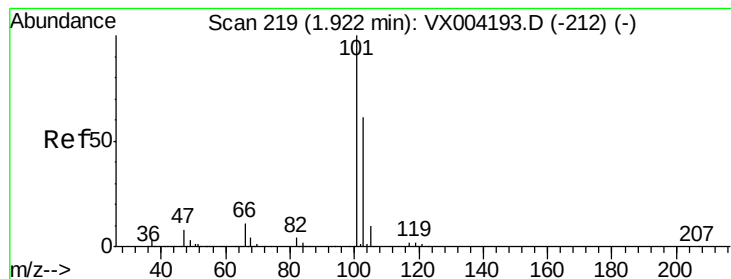
Tgt Ion: 64 Resp: 136049

Ion Ratio Lower Upper

64 100

66 31.4 24.6 36.8



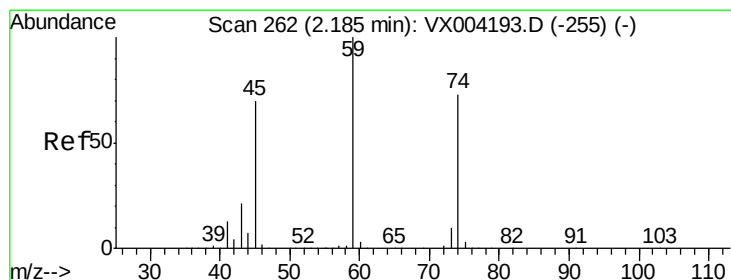
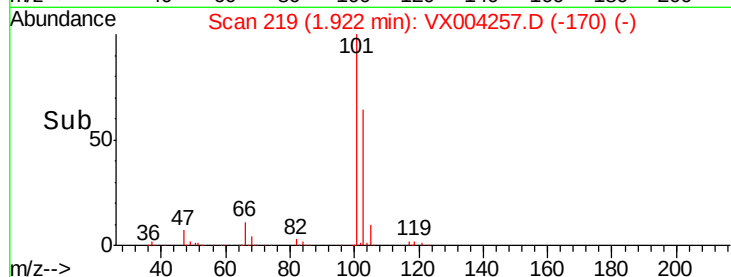
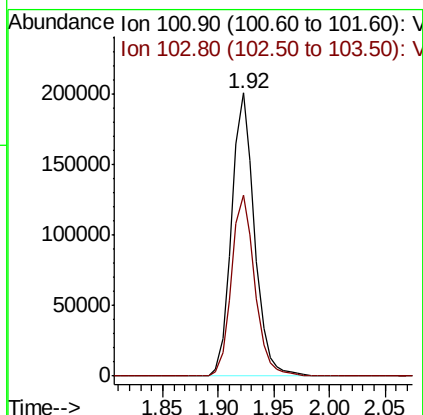
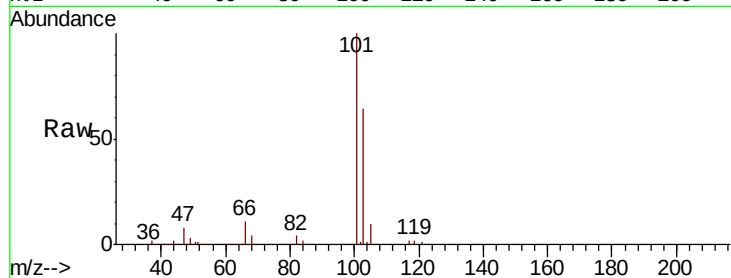


#7

Trichlorofluoromethane
 Concen: 49.85 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

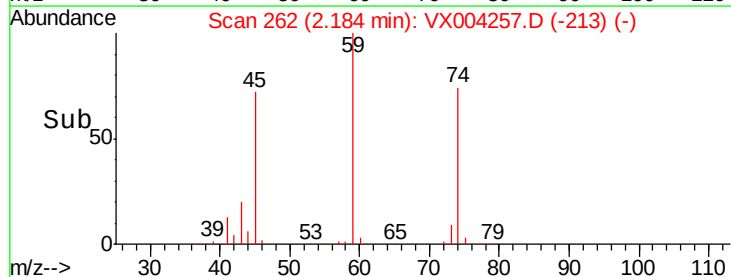
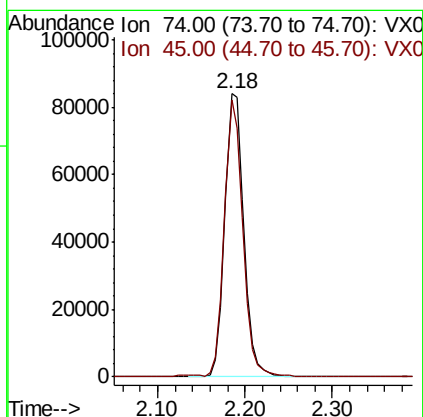
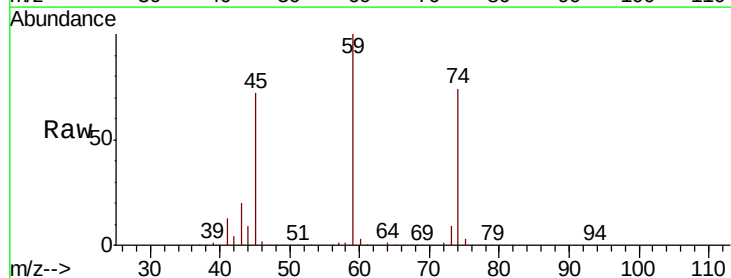
Tot Ion:101 Resp: 285878
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.9 73.3

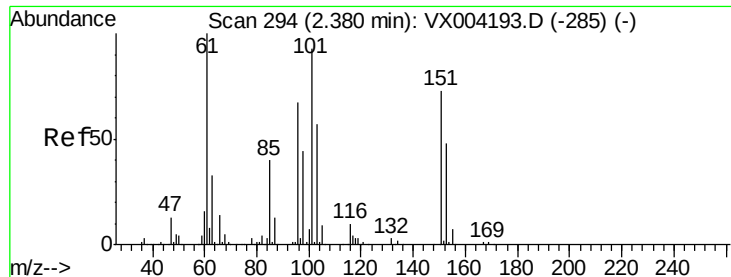


#8

Diethyl Ether
 Concen: 51.25 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion: 74 Resp: 125869
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.77 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

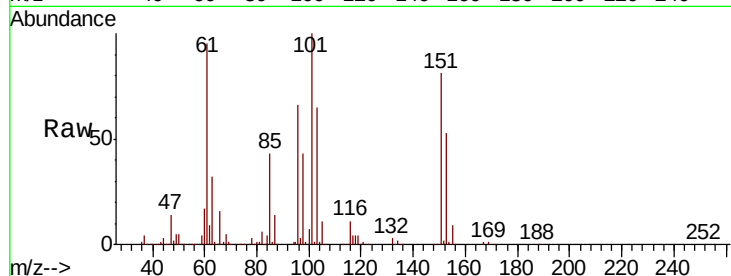
Tot Ion:101 Resp: 175197

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

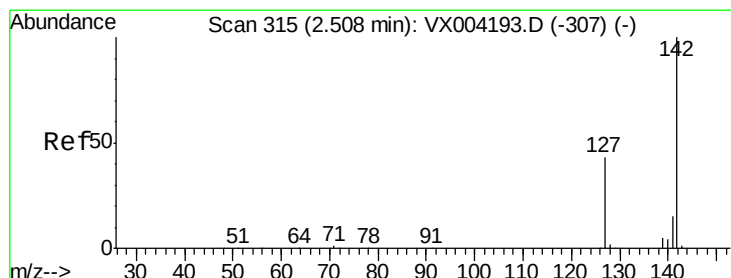
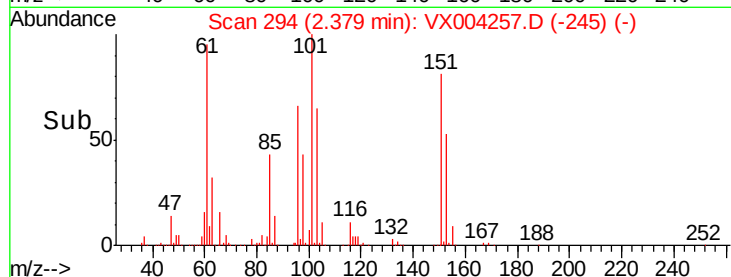
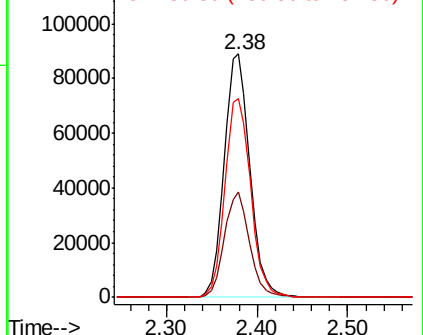
151 81.8 65.0 97.6



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: 39.64 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

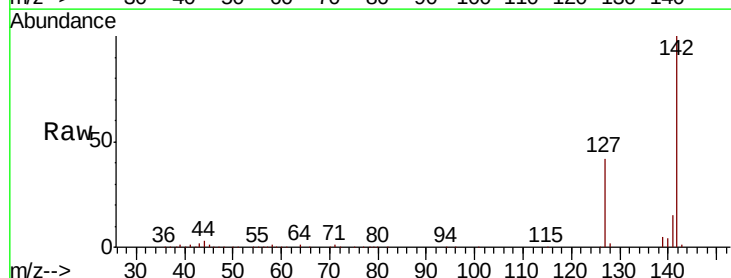
Tgt Ion:142 Resp: 156779

Ion Ratio Lower Upper

142 100

127 41.4 33.8 50.6

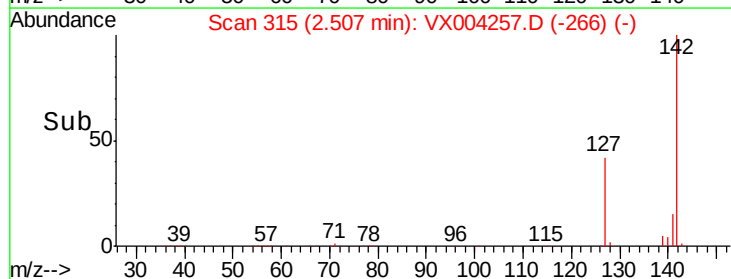
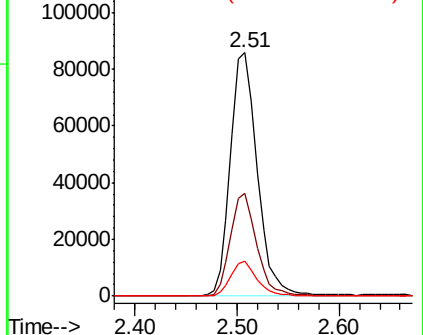
141 13.9 11.4 17.0

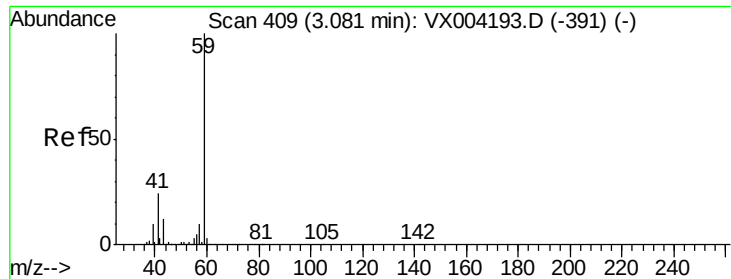


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



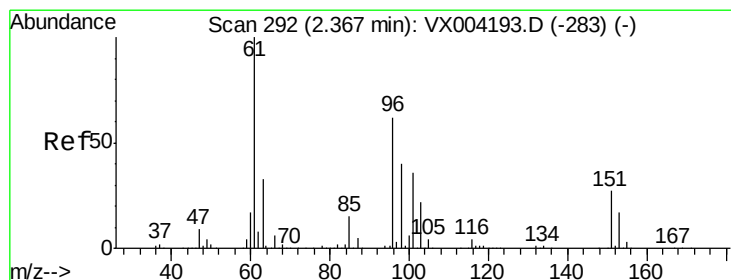
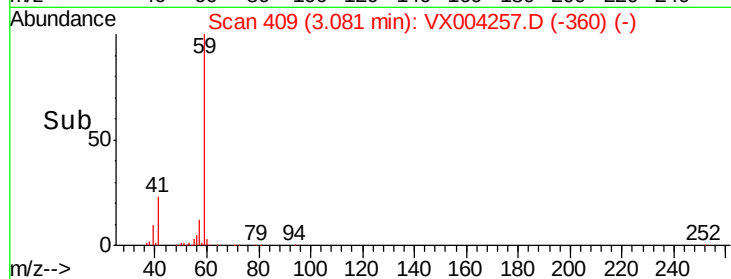
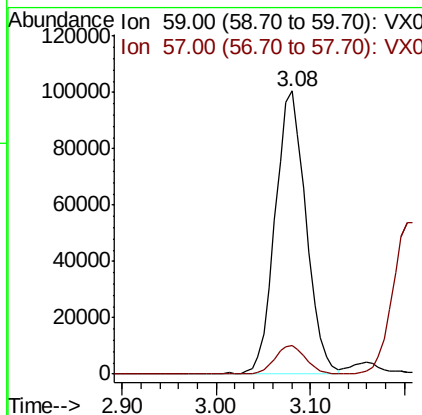
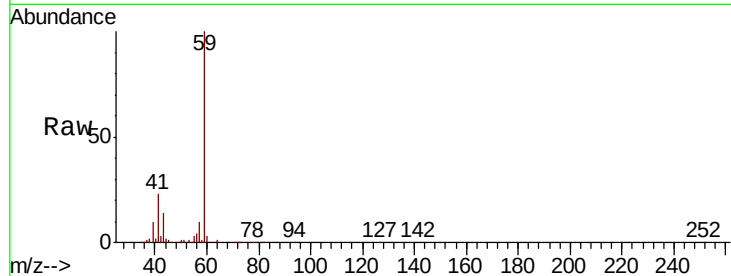


#11

Tert butyl alcohol
 Concen: 258.12 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

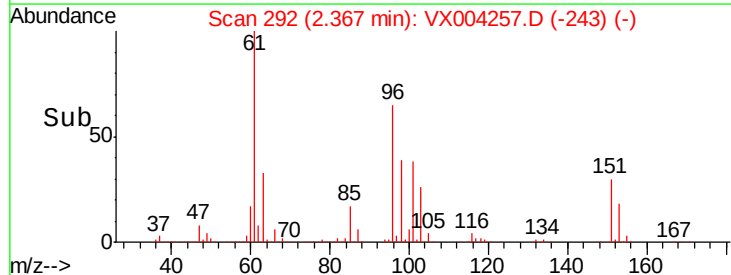
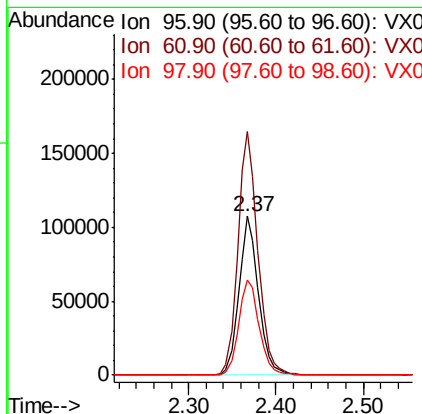
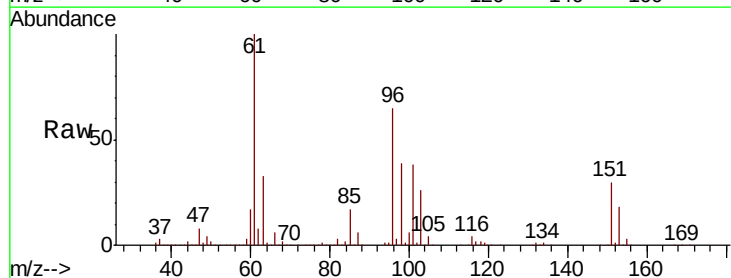
Tot Ion: 59 Resp: 229064
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

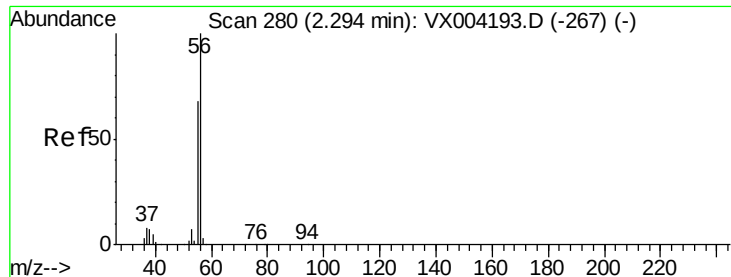


#12

1,1-Dichloroethene
 Concen: 49.30 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion: 96 Resp: 166825
 Ion Ratio Lower Upper
 96 100
 61 153.5 128.8 193.2
 98 60.0 52.2 78.2





#13

Acrolein

Concen: 315.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

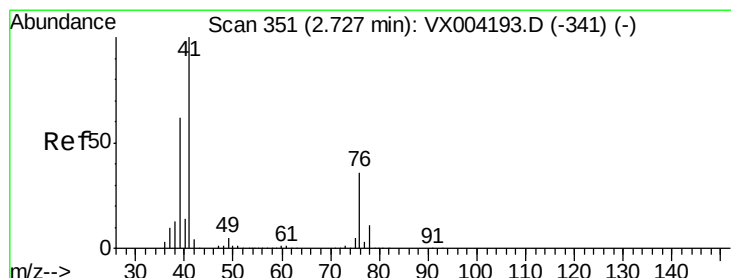
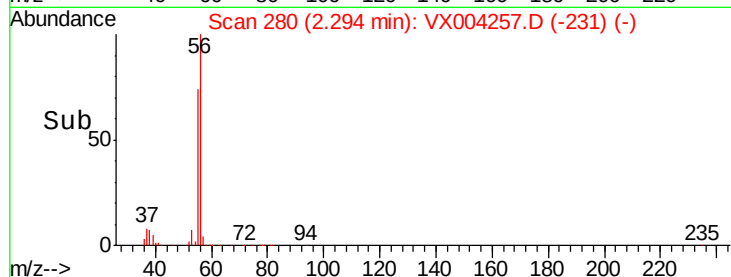
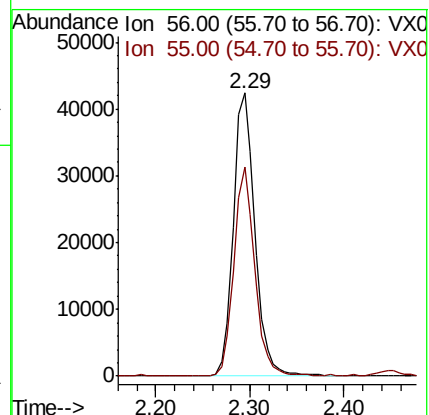
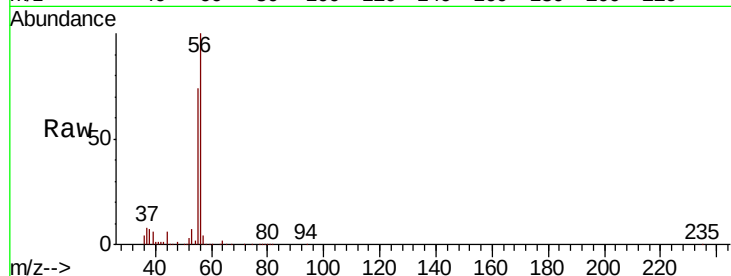
VSTDCCC050EC

Tot Ion: 56 Resp: 67446

Ion Ratio Lower Upper

56 100

55 72.0 54.7 82.1



#14

Allyl chloride

Concen: 49.29 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

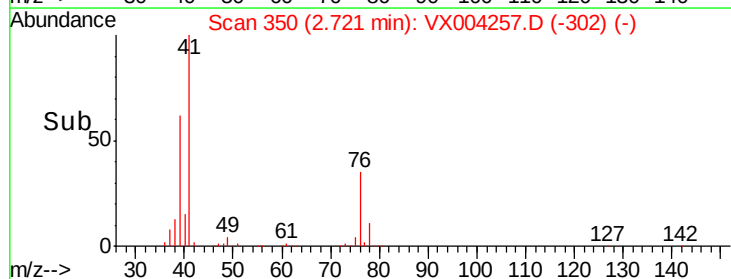
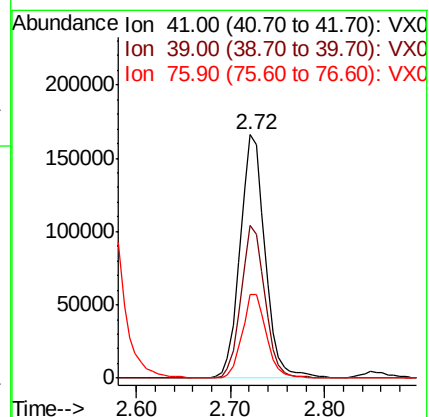
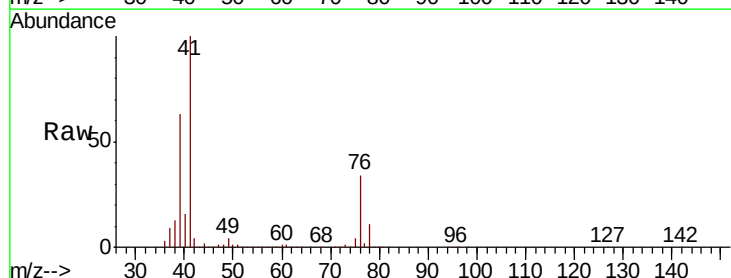
Tgt Ion: 41 Resp: 306423

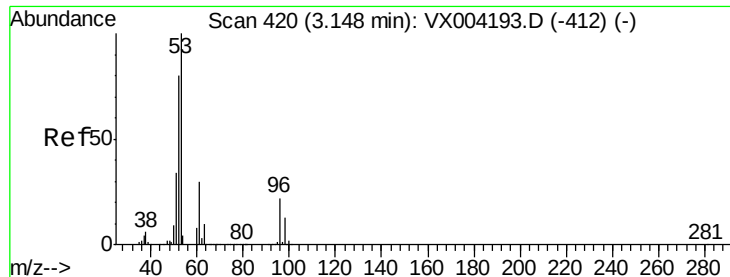
Ion Ratio Lower Upper

41 100

39 60.0 48.9 73.3

76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 246.78 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

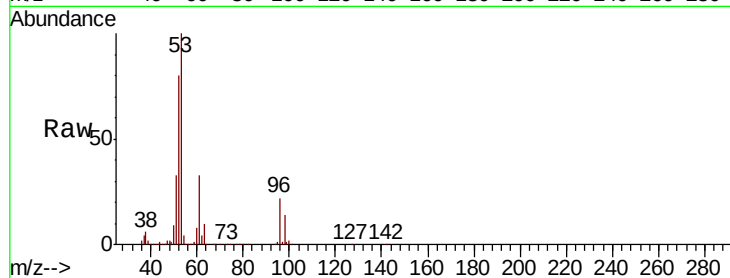
Tot Ion: 53 Resp: 542361

Ion Ratio Lower Upper

53 100

52 80.7 65.2 97.8

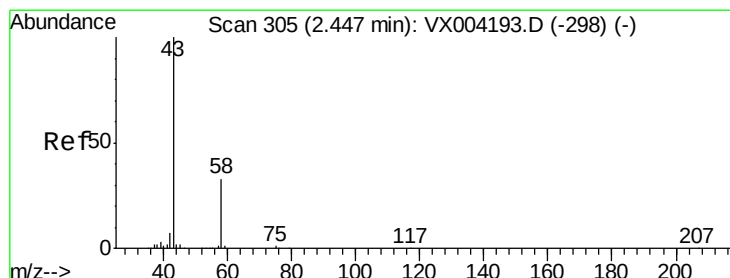
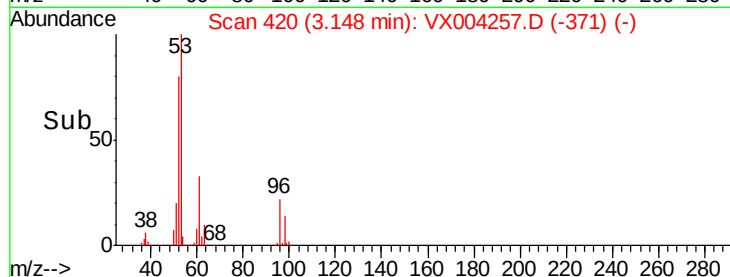
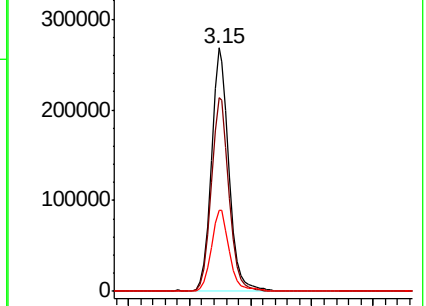
51 34.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 258.67 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004257.D

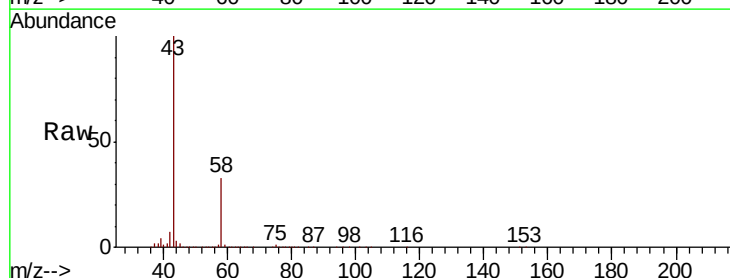
Acq: 24 Aug 2018 19:48

Tgt Ion: 43 Resp: 439124

Ion Ratio Lower Upper

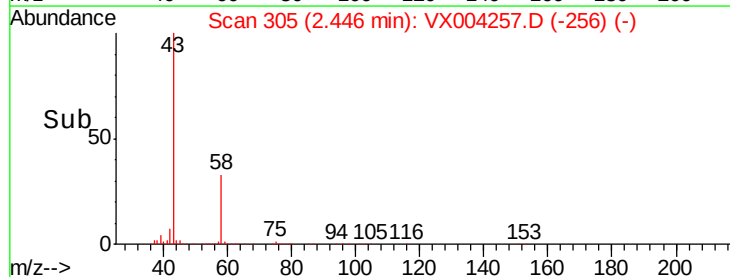
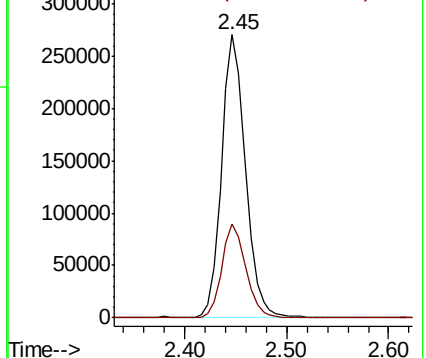
43 100

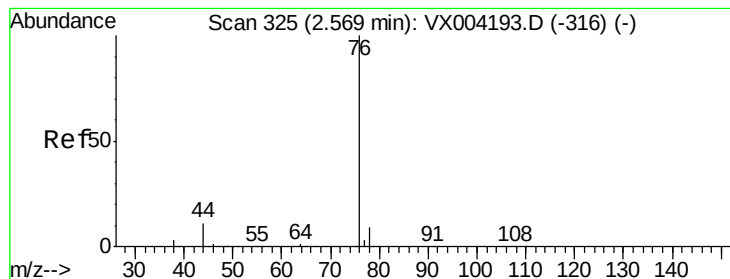
58 33.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.63 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

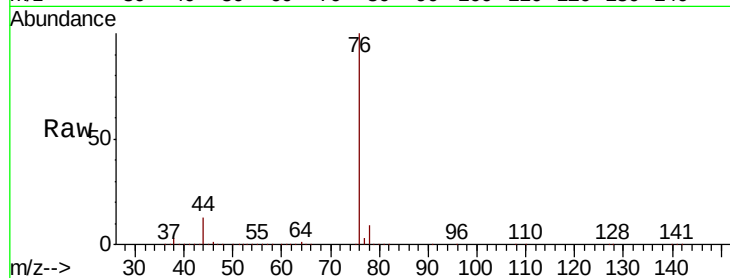
VSTDCCC050EC

Tot Ion: 76 Resp: 456799

Ion Ratio Lower Upper

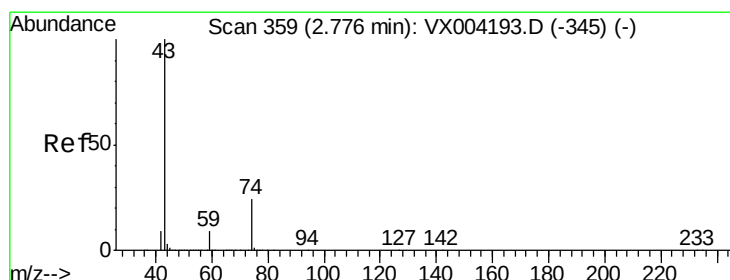
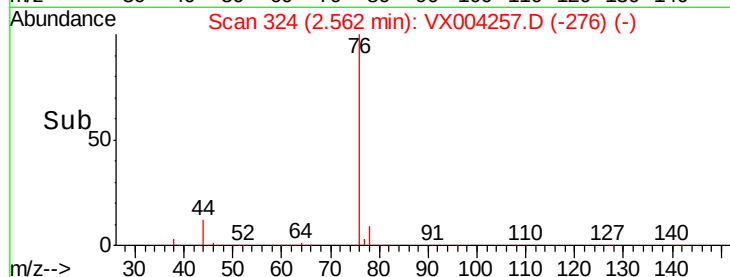
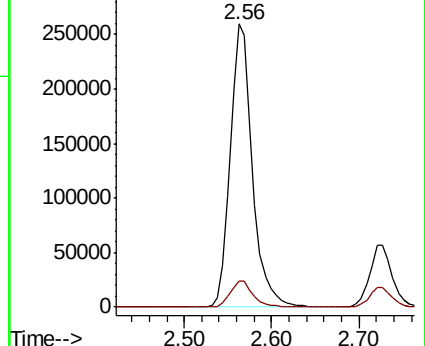
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.90 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004257.D

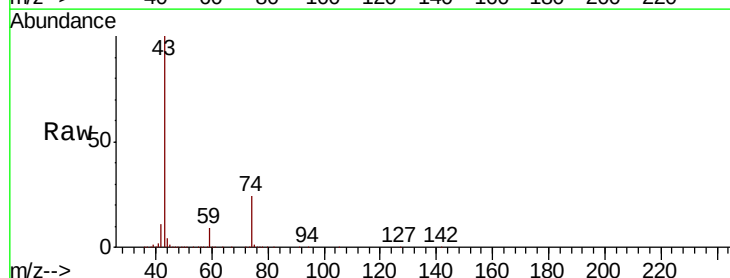
Acq: 24 Aug 2018 19:48

Tgt Ion: 43 Resp: 339183

Ion Ratio Lower Upper

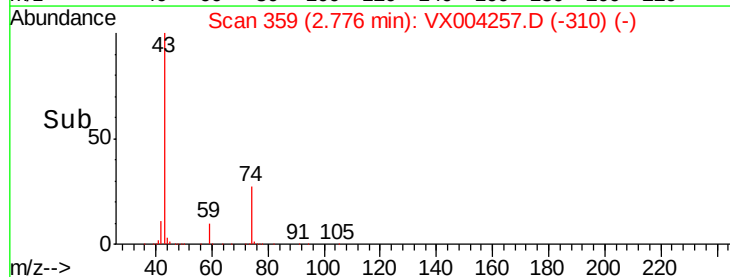
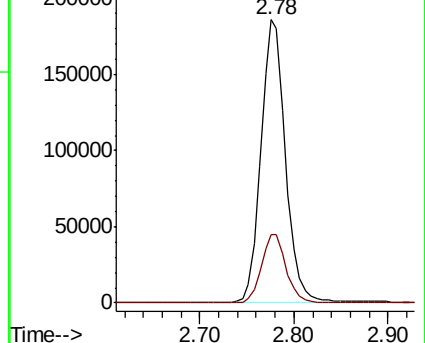
43 100

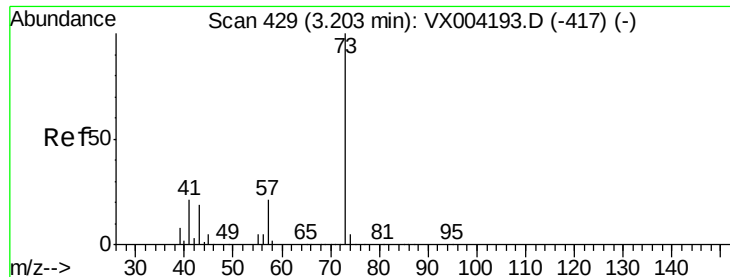
74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

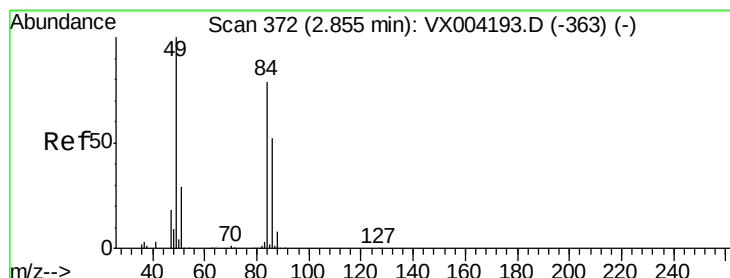
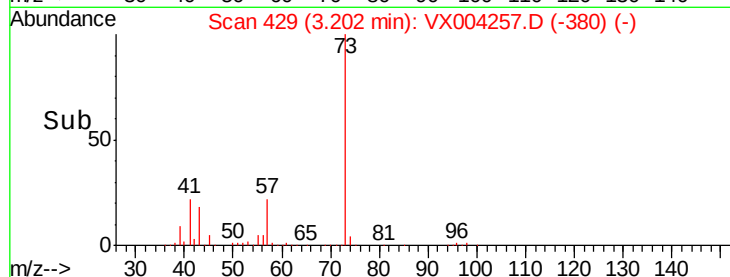
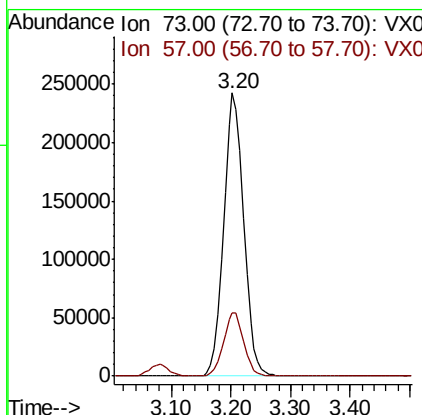
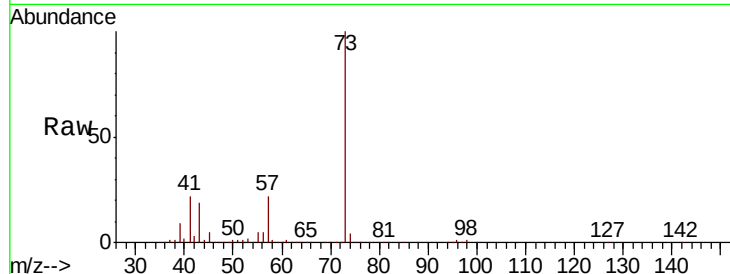




#19
Methyl tert-butyl Ether
Concen: 50.73 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

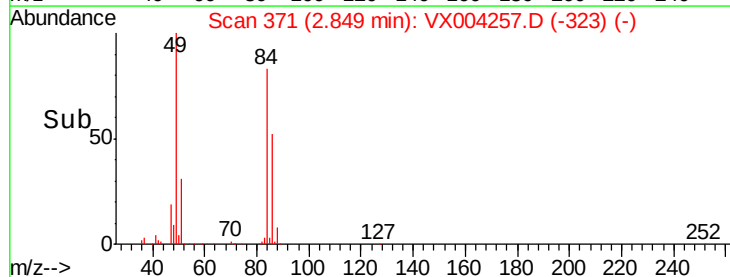
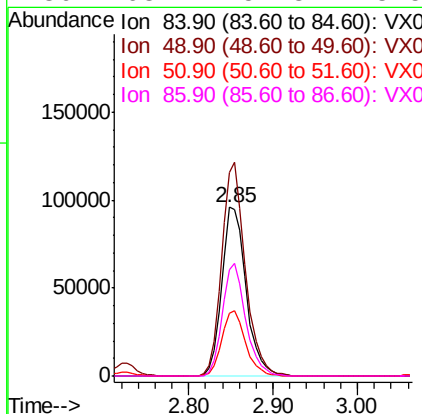
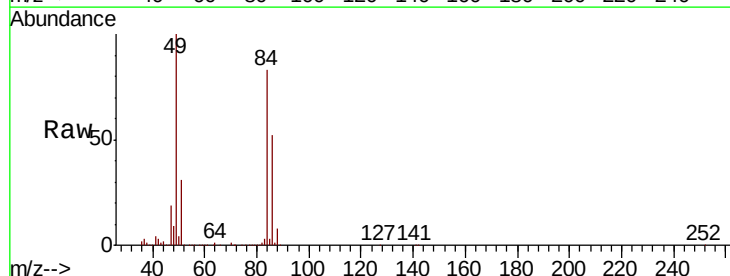
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

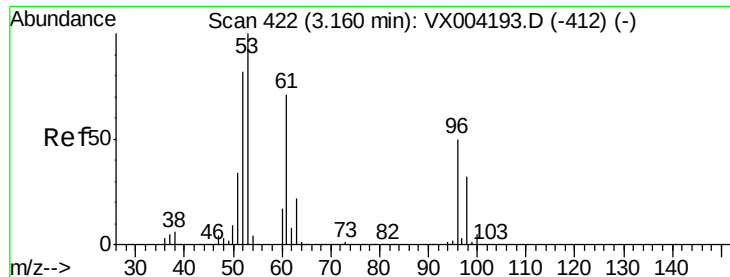
Tot Ion: 73 Resp: 565689
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 47.62 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 84 Resp: 190845
Ion Ratio Lower Upper
84 100
49 121.0 101.2 151.8
51 37.4 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.72 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

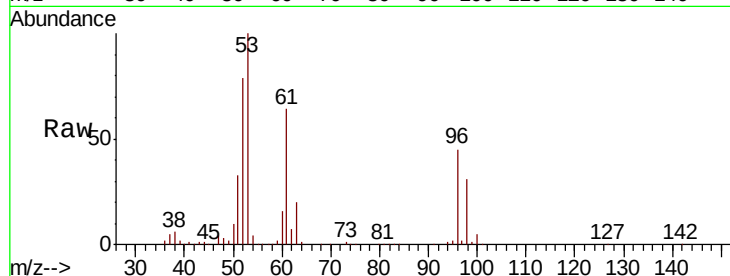
Tot Ion: 96 Resp: 178727

Ion Ratio Lower Upper

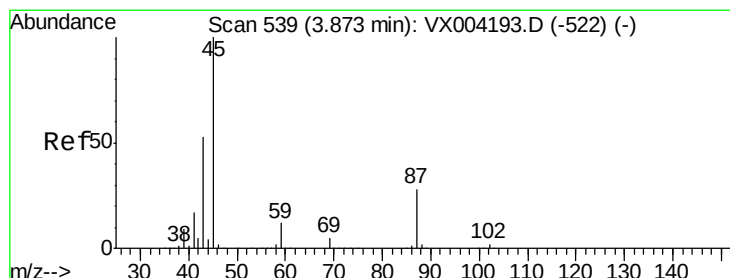
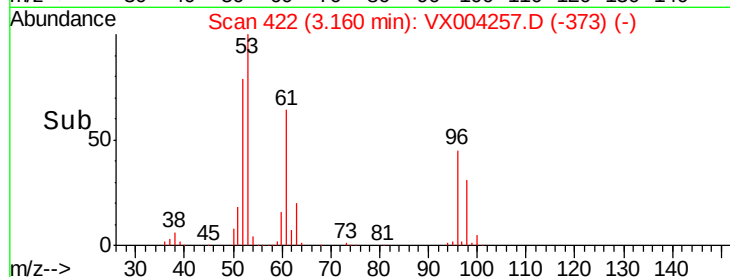
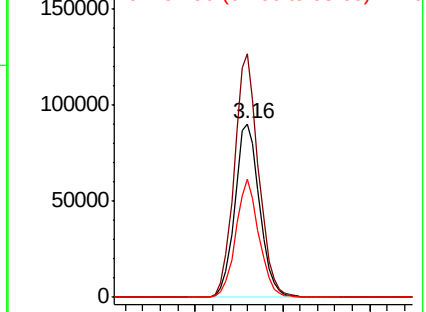
96 100

61 139.9 113.8 170.6

98 67.9 51.8 77.8



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: 49.75 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Tgt Ion: 45 Resp: 577447

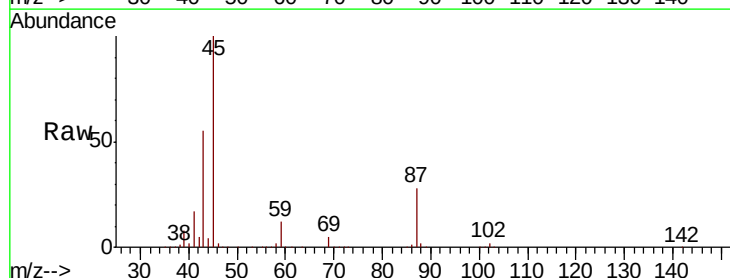
Ion Ratio Lower Upper

45 100

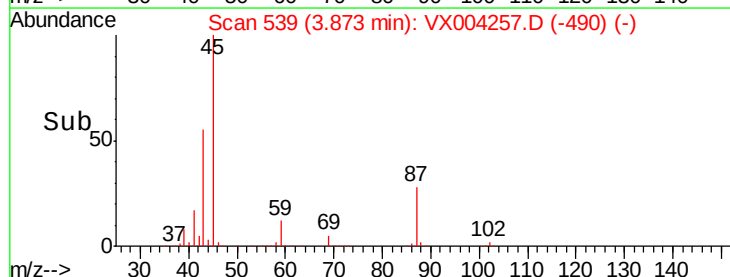
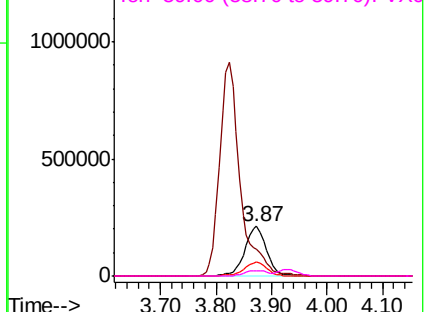
43 54.8 42.8 64.2

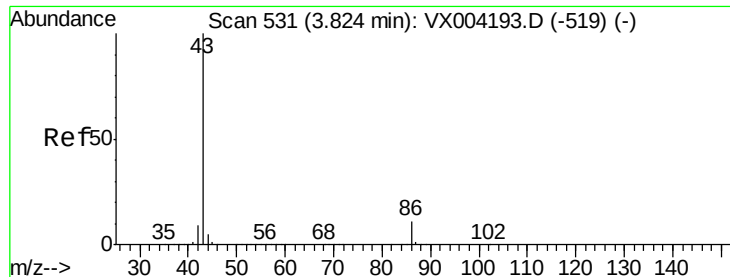
87 28.2 22.6 34.0

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.28 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

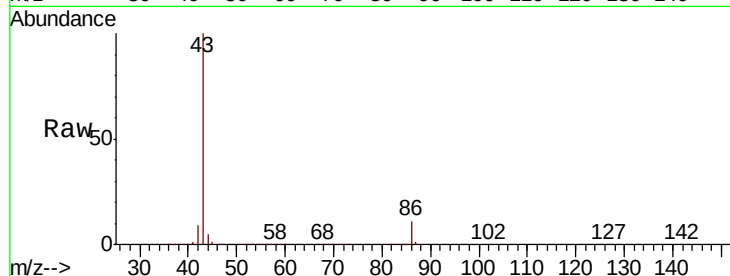
VSTDCCC050EC

Tot Ion: 43 Resp: 2354656

Ion Ratio Lower Upper

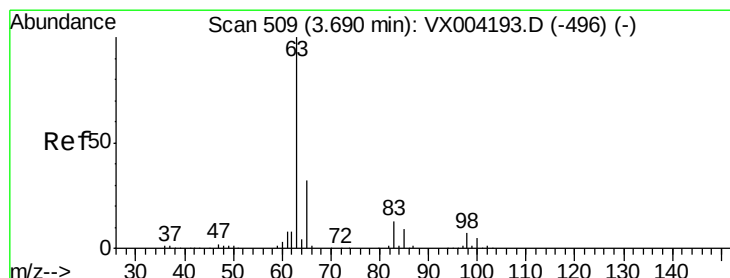
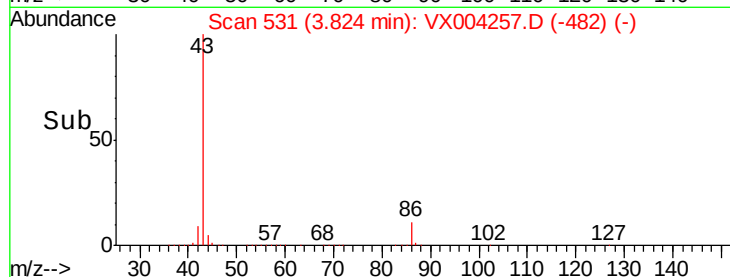
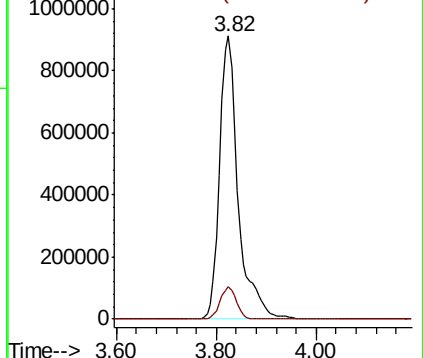
43 100

86 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.93 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

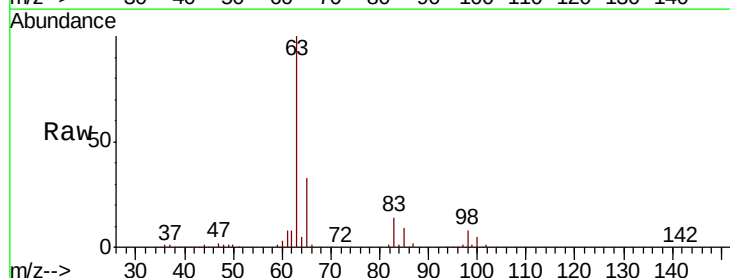
Tgt Ion: 63 Resp: 330973

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

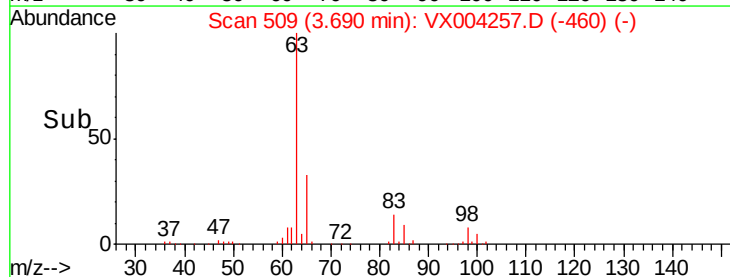
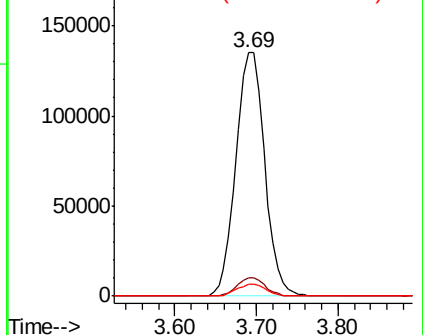
100 4.7 2.4 7.1

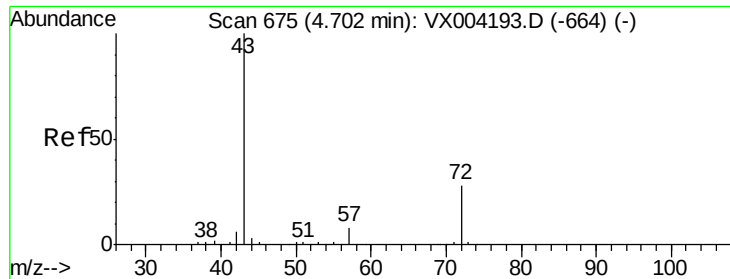


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.79 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

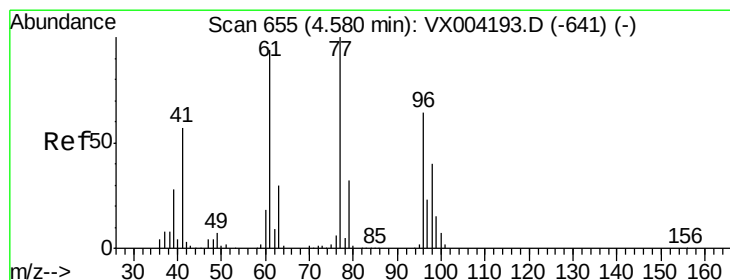
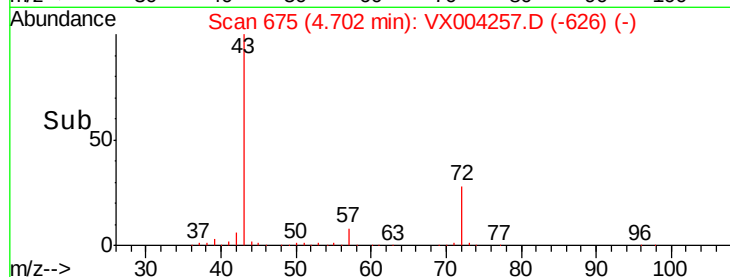
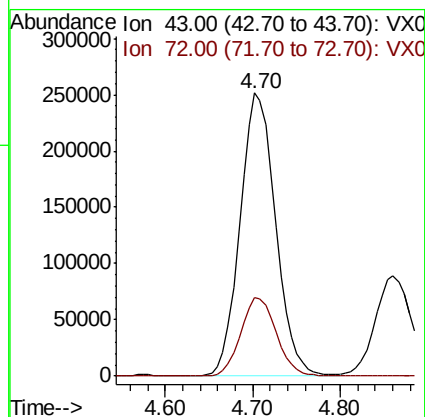
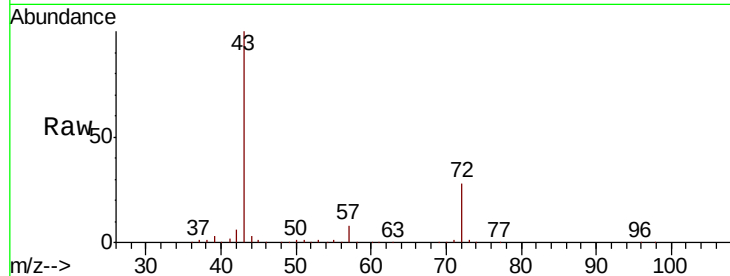
VSTDCCC050EC

Tot Ion: 43 Resp: 710598

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 42.15 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004257.D

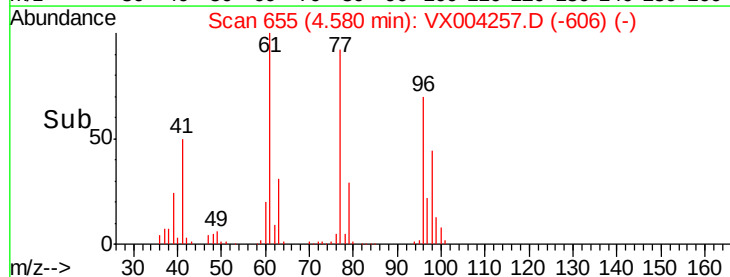
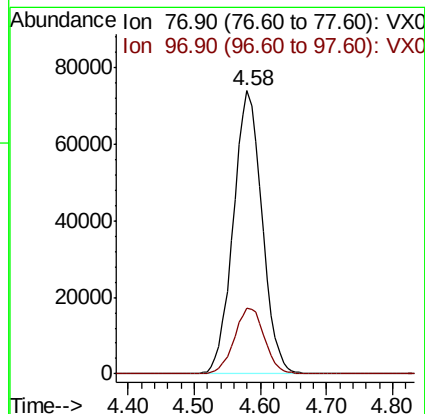
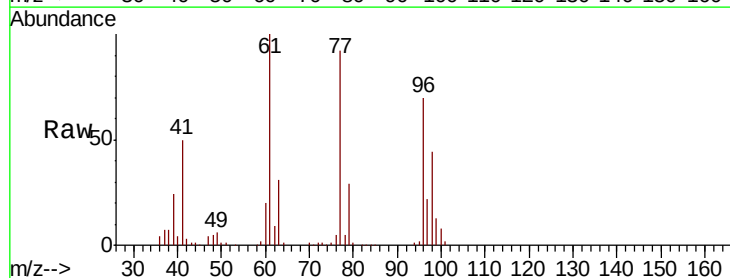
Acq: 24 Aug 2018 19:48

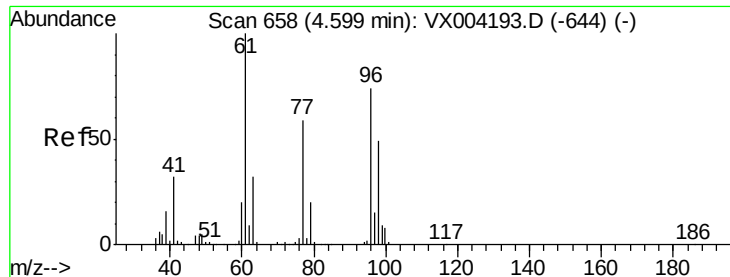
Tgt Ion: 77 Resp: 223617

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.09 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

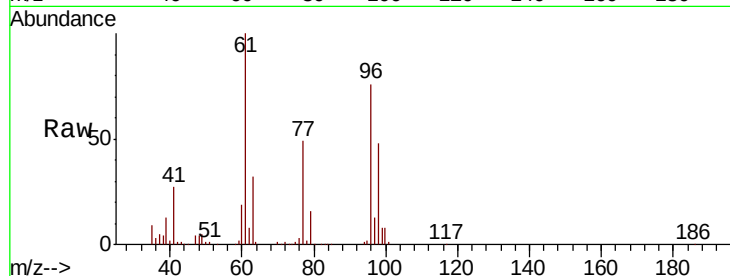
Tot Ion: 96 Resp: 212800

Ion Ratio Lower Upper

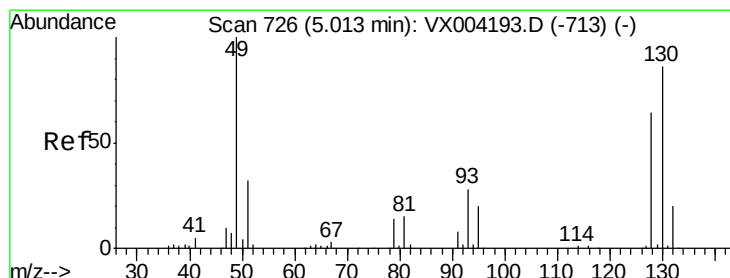
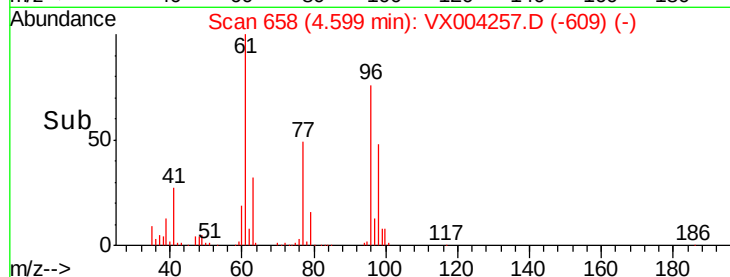
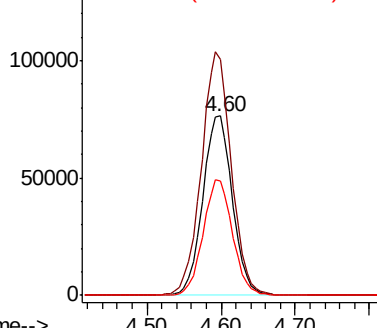
96 100

61 137.0 0.0 282.6

98 64.0 0.0 130.2



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



#28

Bromochloromethane

Concen: 50.13 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

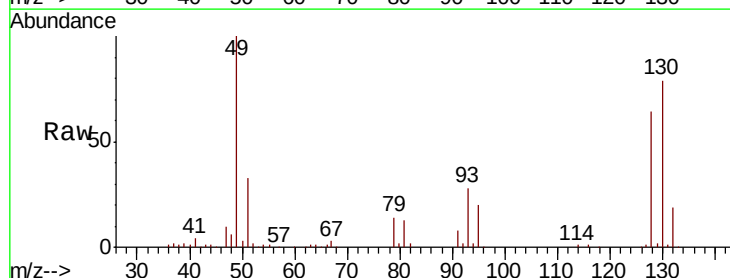
Tgt Ion: 49 Resp: 150145

Ion Ratio Lower Upper

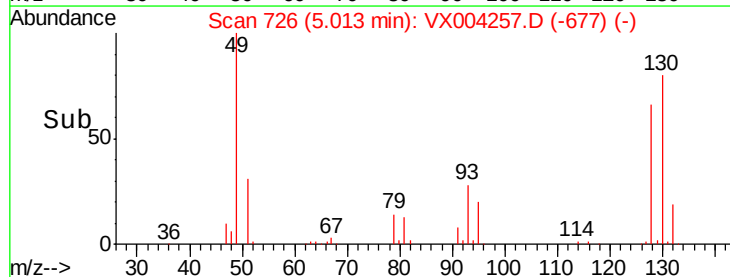
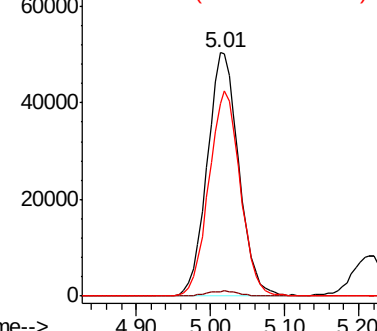
49 100

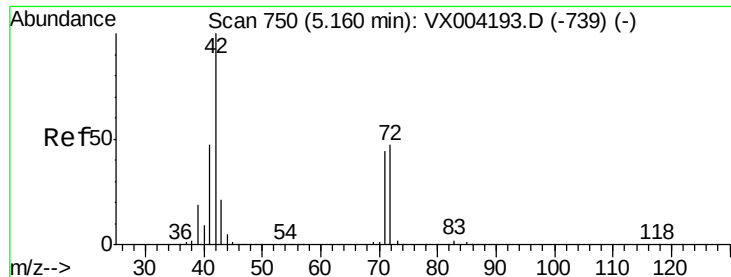
129 2.1 0.0 4.2

130 83.5 67.5 101.3



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

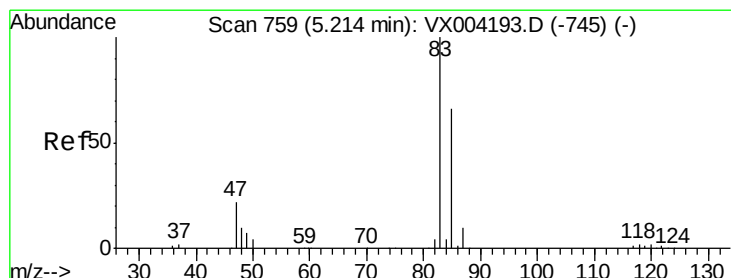
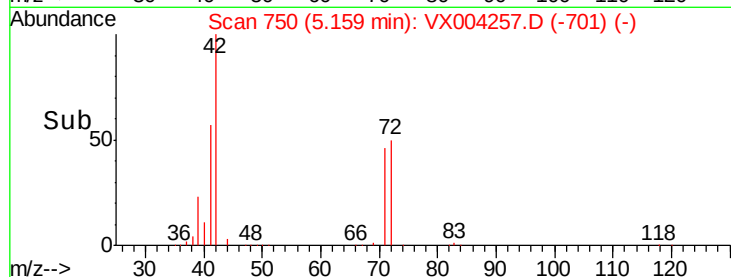
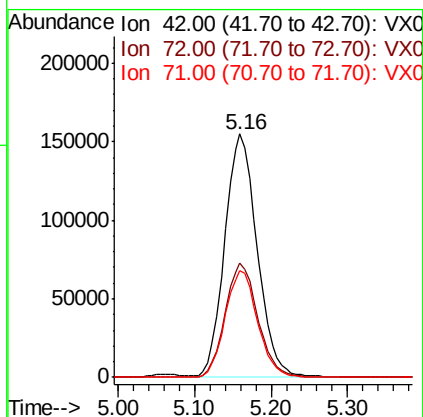
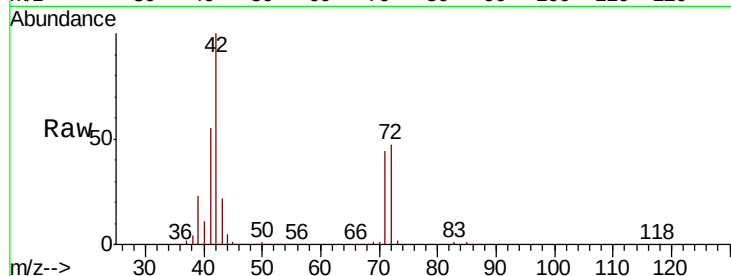




#29
Tetrahydrofuran
Concen: 252.26 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

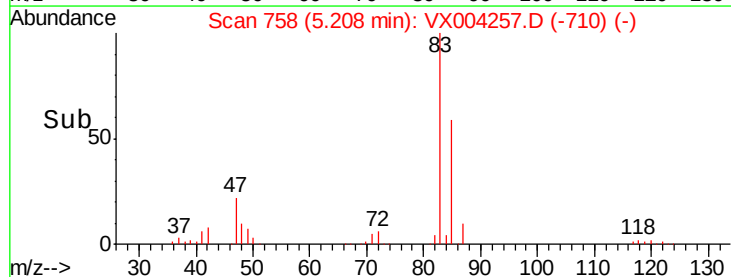
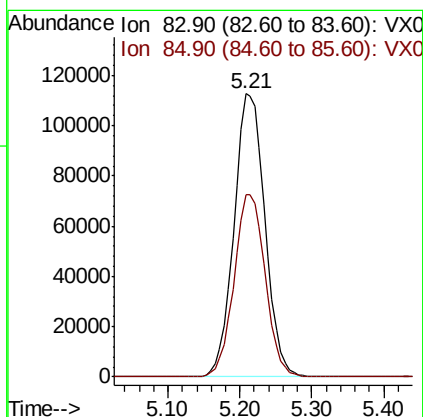
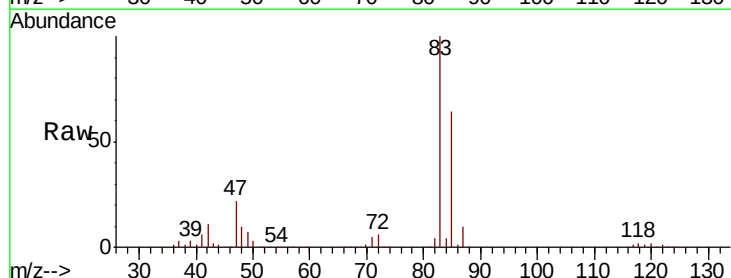
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

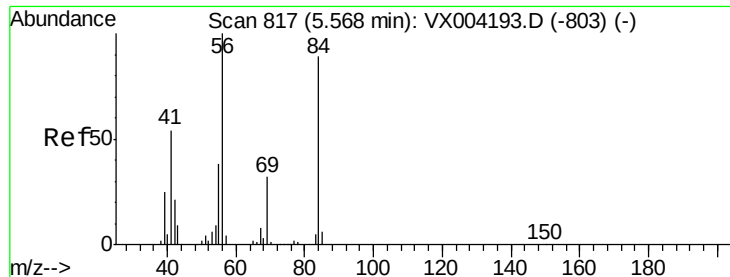
Tot Ion: 42 Resp: 451212
Ion Ratio Lower Upper
42 100
72 47.6 37.4 56.0
71 44.0 34.5 51.7



#30
Chloroform
Concen: 49.46 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 83 Resp: 335429
Ion Ratio Lower Upper
83 100
85 64.4 52.6 79.0





#31

Cyclohexane

Concen: 50.42 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

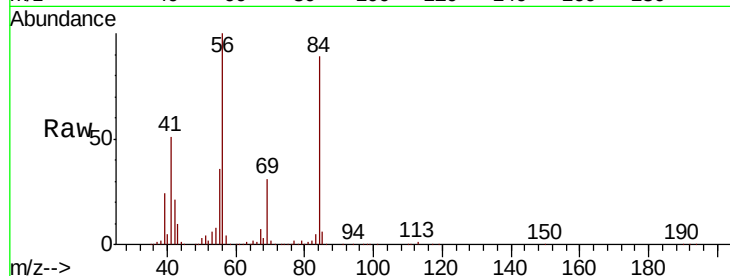
Tot Ion: 56 Resp: 294307

Ion Ratio Lower Upper

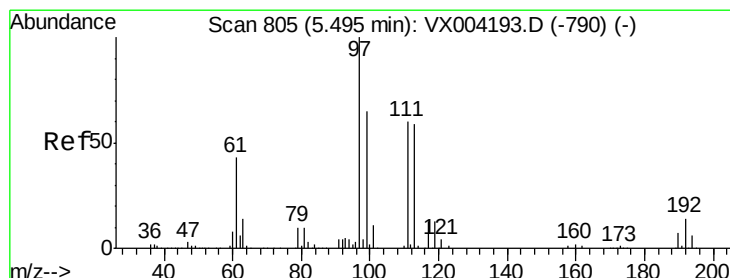
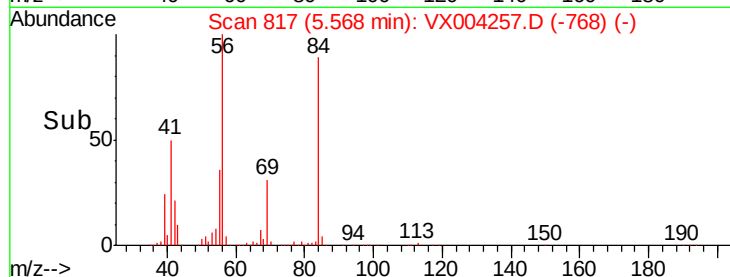
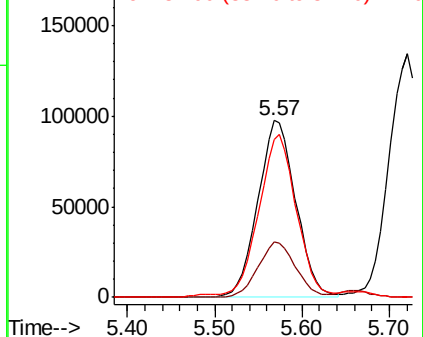
56 100

69 31.5 25.4 38.2

84 88.6 71.4 107.2



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: 50.20 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

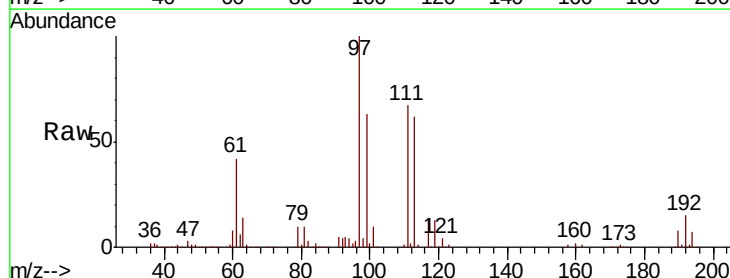
Tgt Ion: 97 Resp: 283898

Ion Ratio Lower Upper

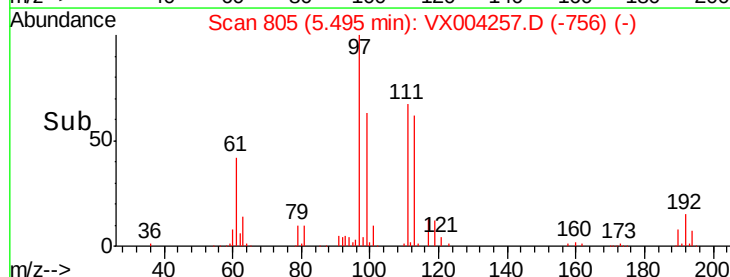
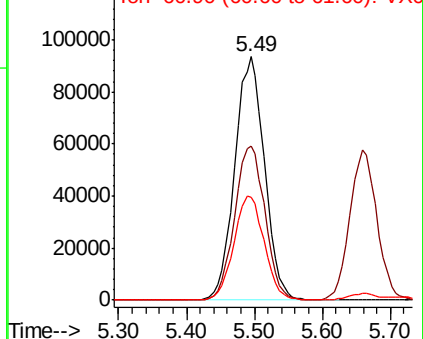
97 100

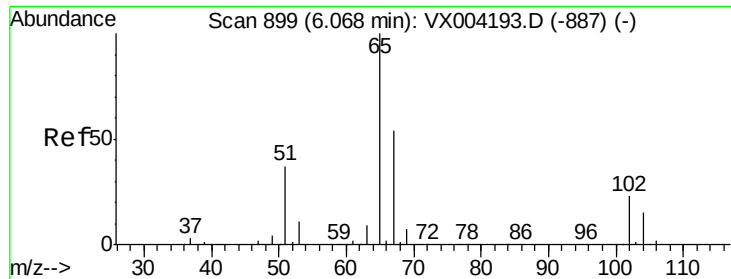
99 64.7 52.0 78.0

61 43.7 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

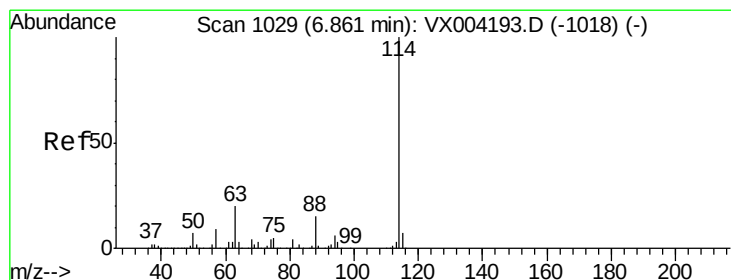
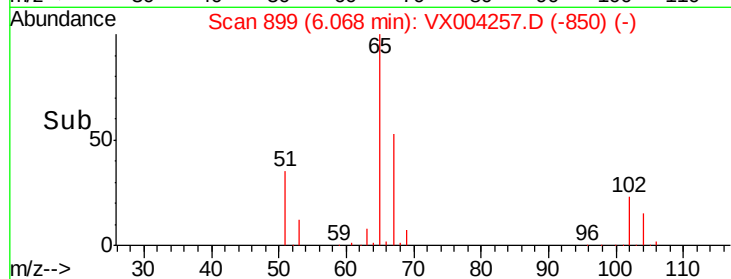
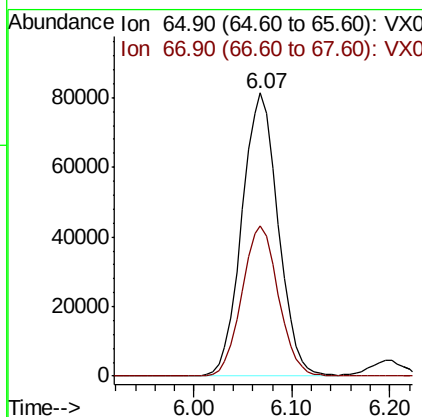
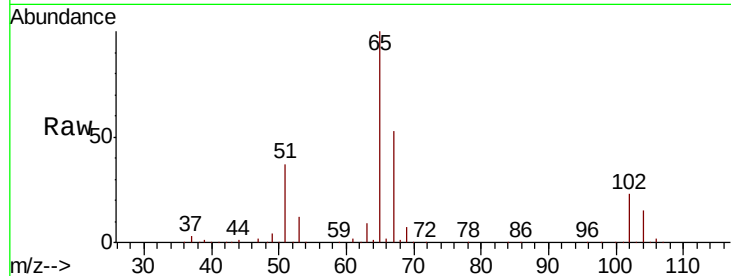




#33
 1,2-Dichloroethane-d4
 Concen: 50.29 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

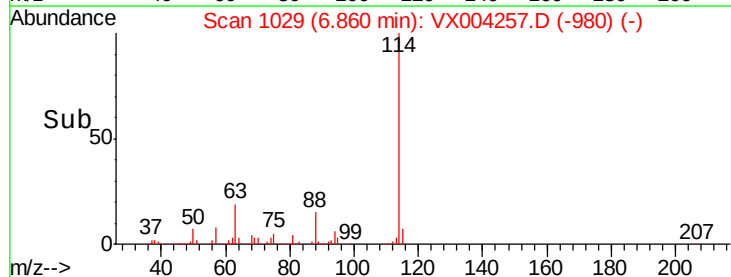
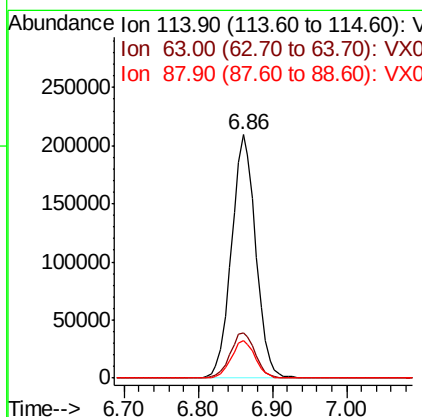
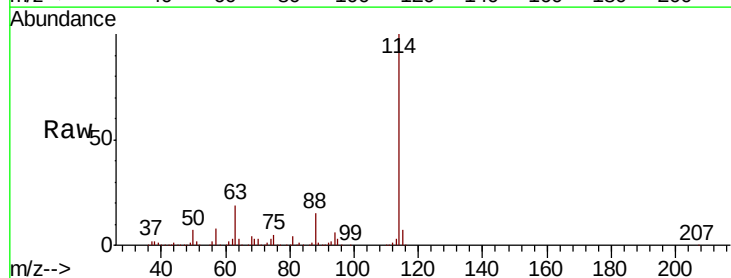
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

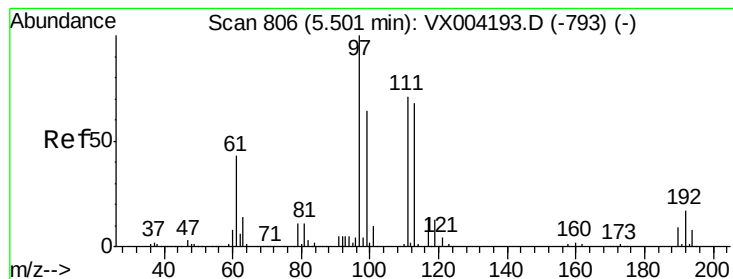
Tot Ion: 65 Resp: 209368
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion: 114 Resp: 476244
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.51 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

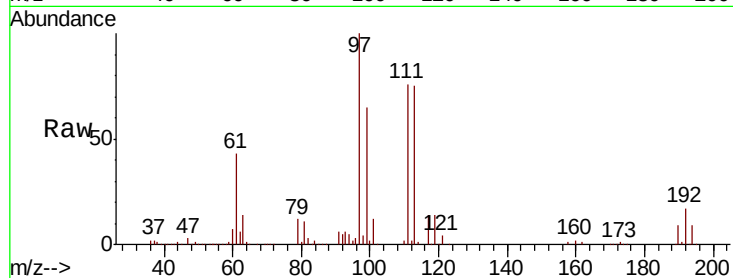
Tot Ion:113 Resp: 178959

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

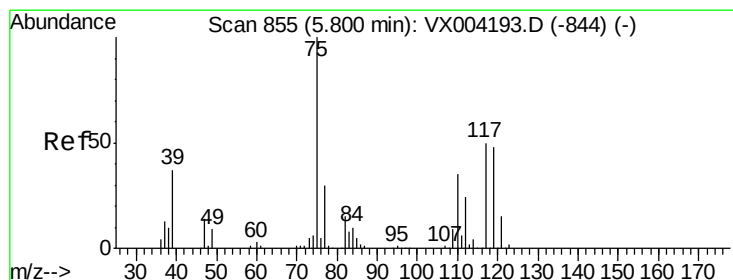
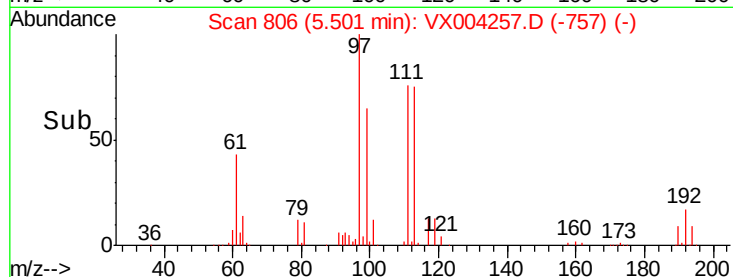
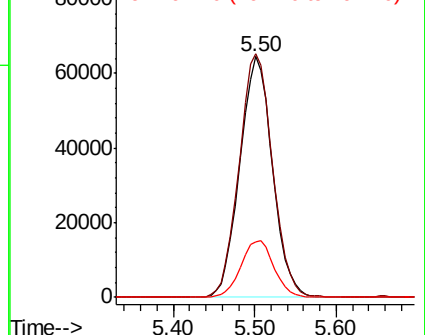
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.73 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

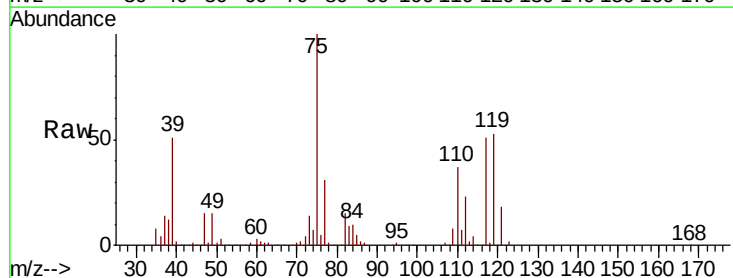
Tgt Ion: 75 Resp: 255535

Ion Ratio Lower Upper

75 100

110 36.4 18.0 54.0

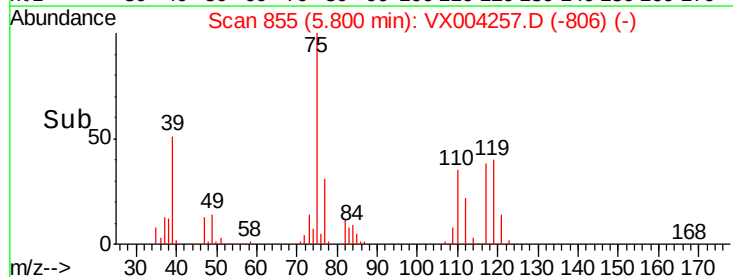
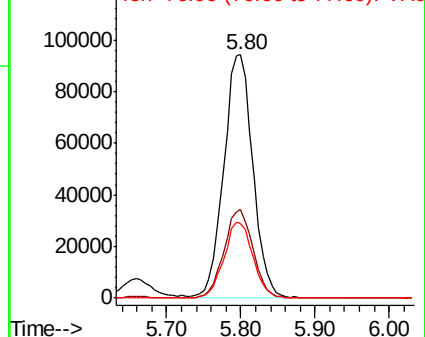
77 31.3 24.6 36.8

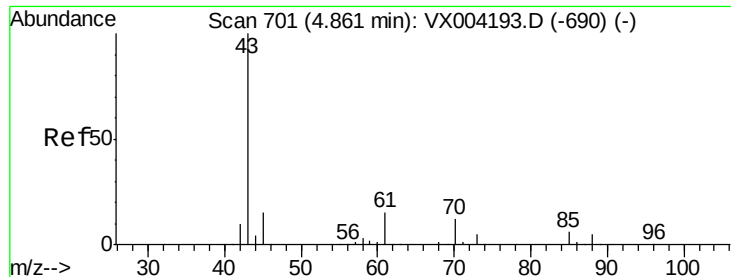


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.37 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

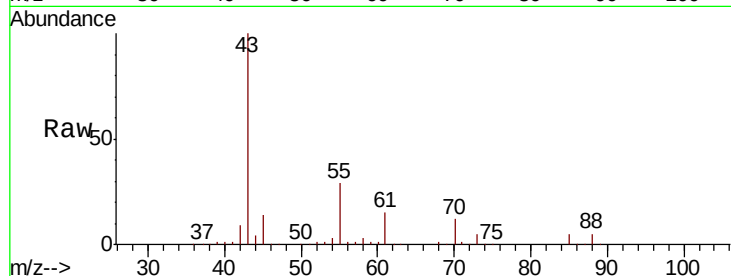
Tot Ion: 43 Resp: 259991

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

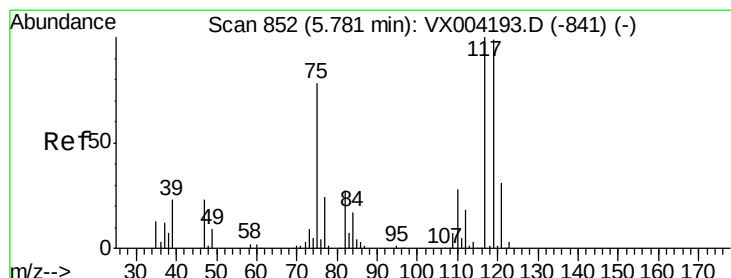
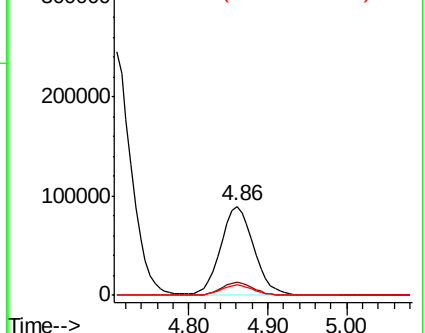
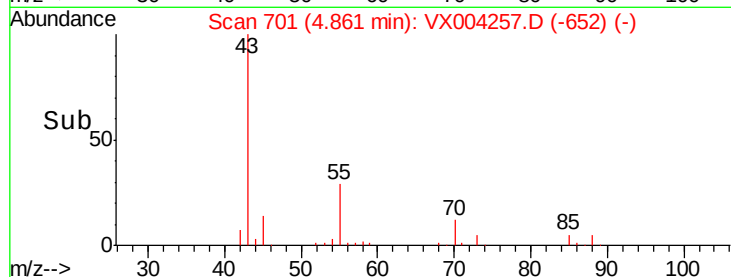
70 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.06 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

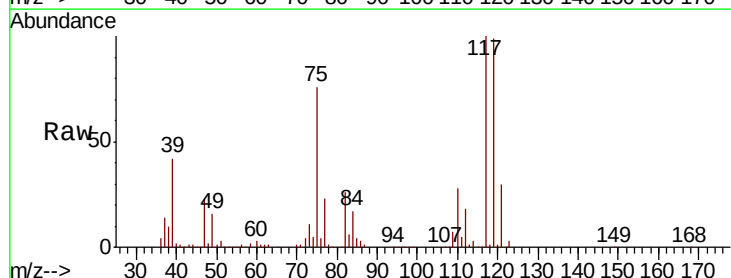
Tgt Ion: 117 Resp: 247102

Ion Ratio Lower Upper

117 100

119 98.4 78.8 118.2

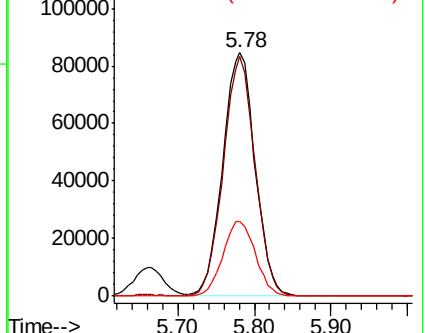
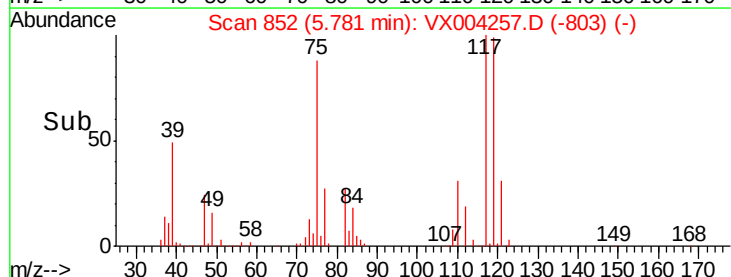
121 30.5 24.9 37.3

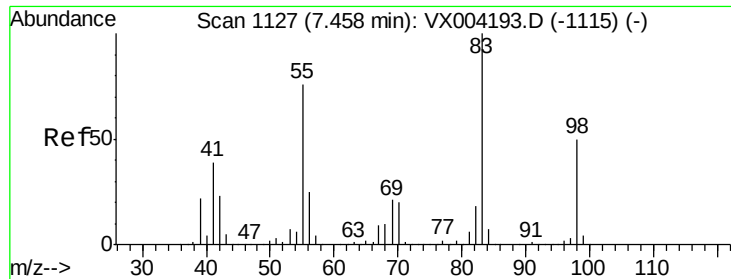


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

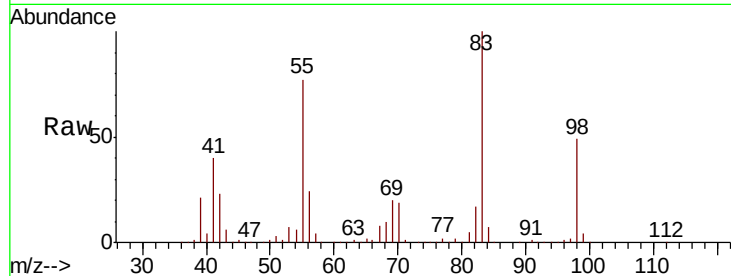




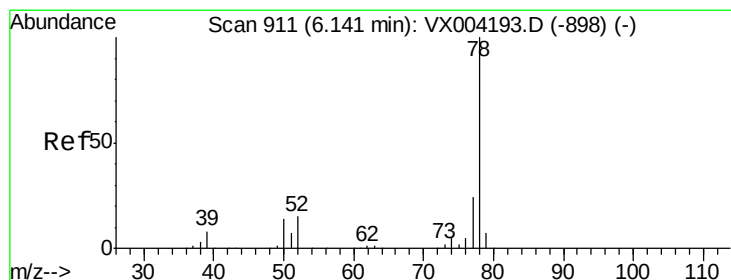
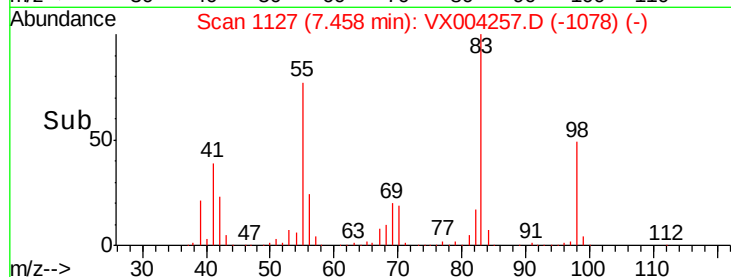
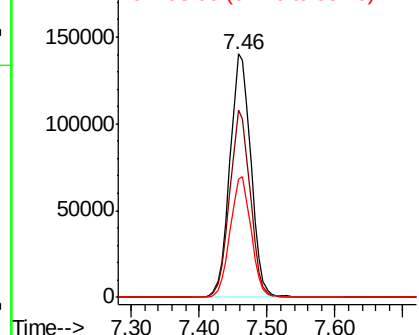
#39
Methylvlcyclohexane
Concen: 49.23 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 300953
Ion Ratio Lower Upper
83 100
55 77.1 61.0 91.4
98 48.5 39.6 59.4

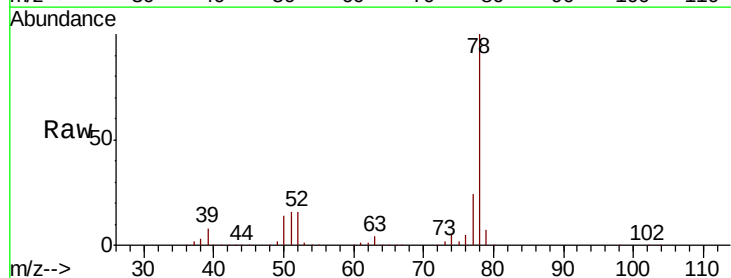


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

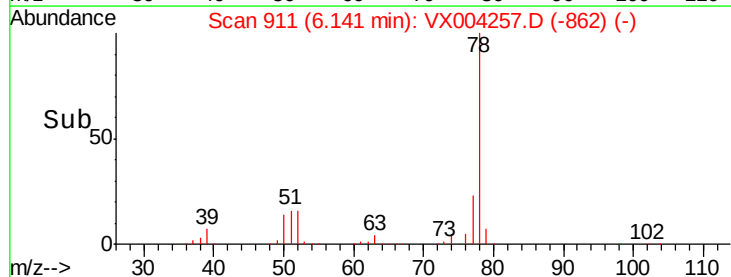
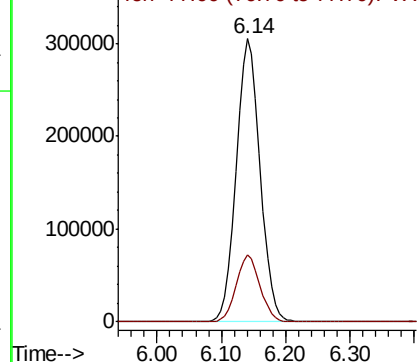


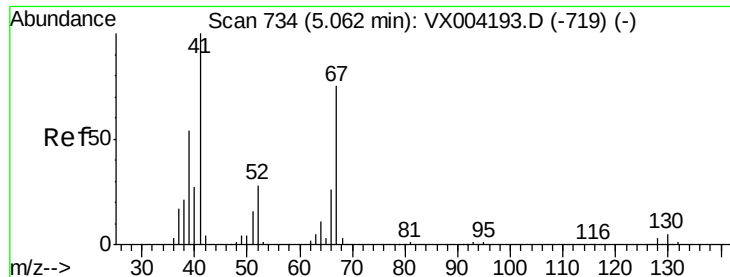
#40
Benzene
Concen: 49.32 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 78 Resp: 789097
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

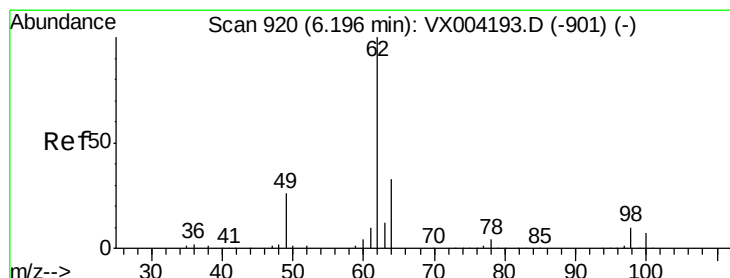
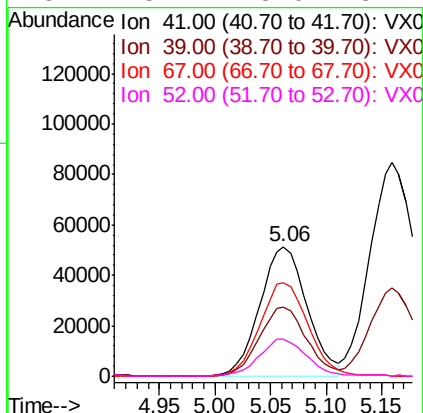
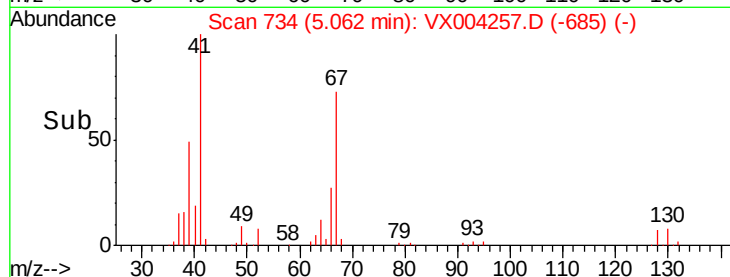
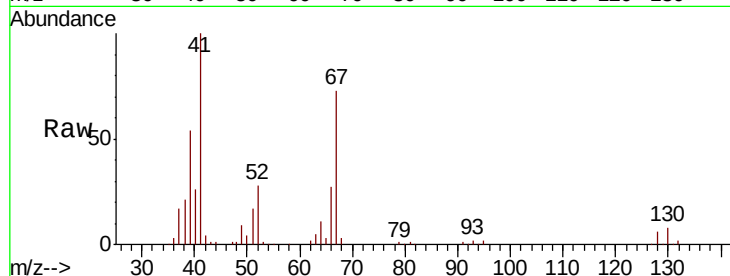




#41
Methacrylonitrile
Concen: 49.58 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

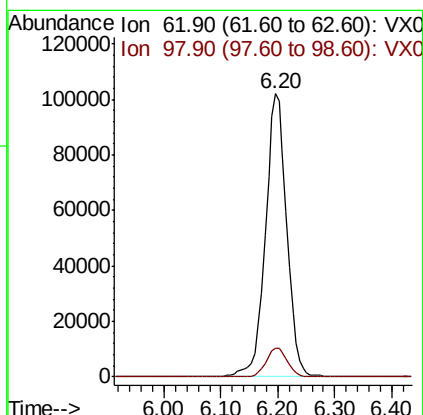
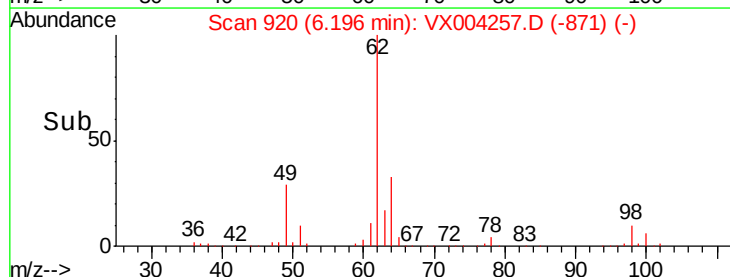
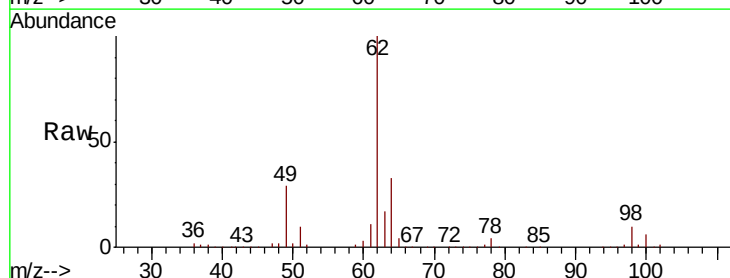
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

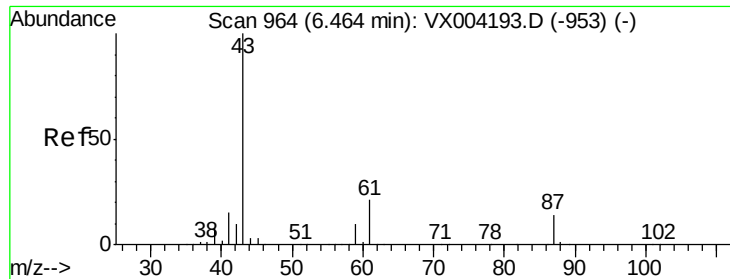
Tot Ion:	41	Resp:	151331
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.4	63.6
67	74.4	59.2	88.8
52	28.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 48.41 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:	62	Resp:	264187
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.42 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

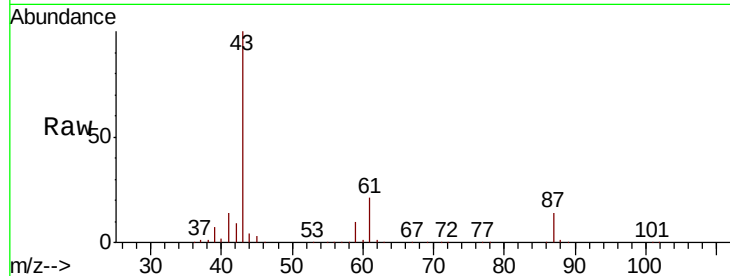
Tot Ion: 43 Resp: 416066

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

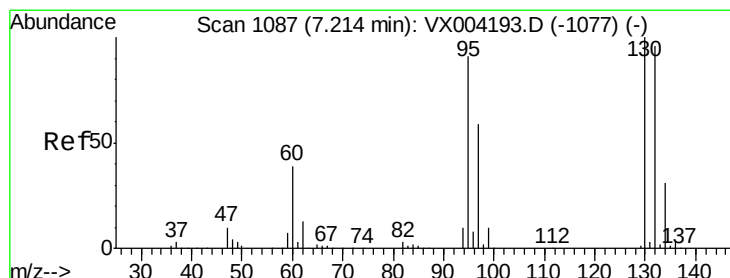
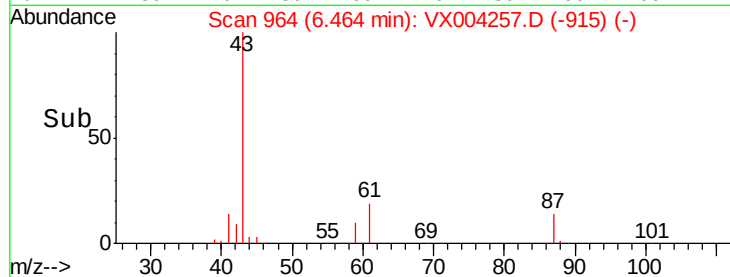
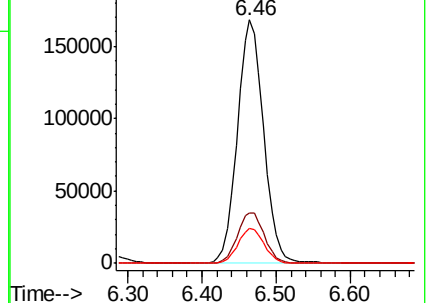
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.94 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004257.D

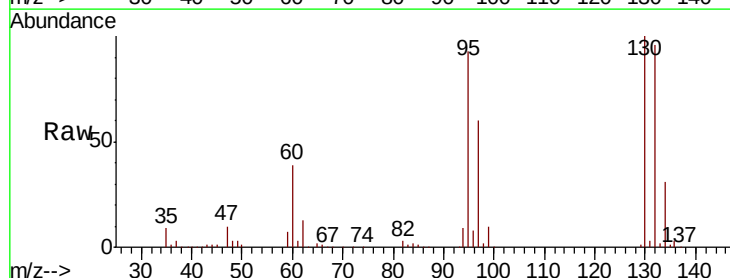
Acq: 24 Aug 2018 19:48

Tgt Ion:130 Resp: 212300

Ion Ratio Lower Upper

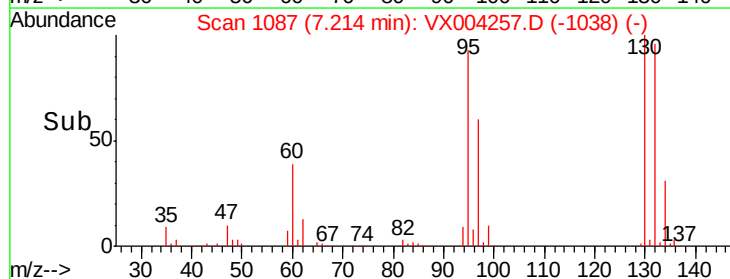
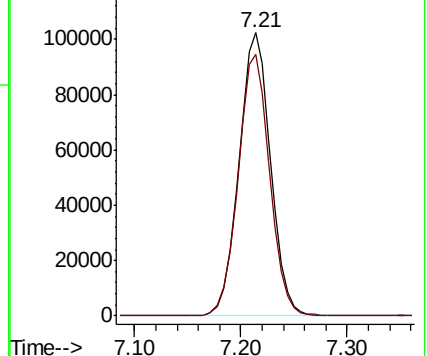
130 100

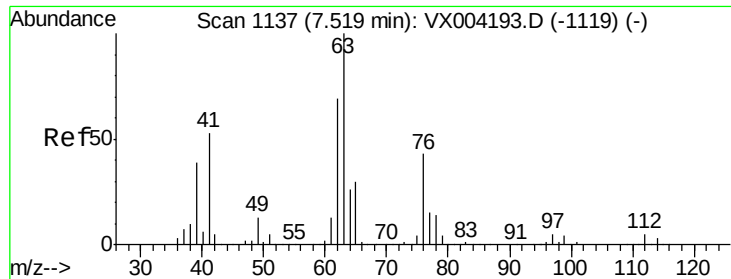
95 92.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

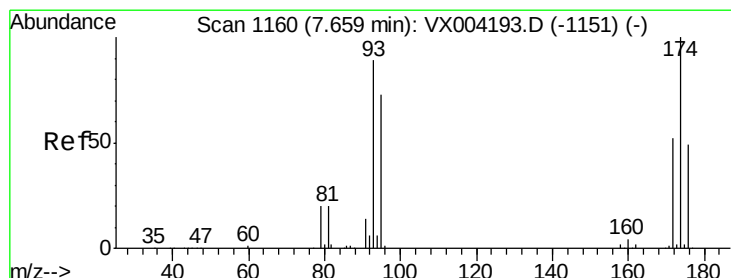
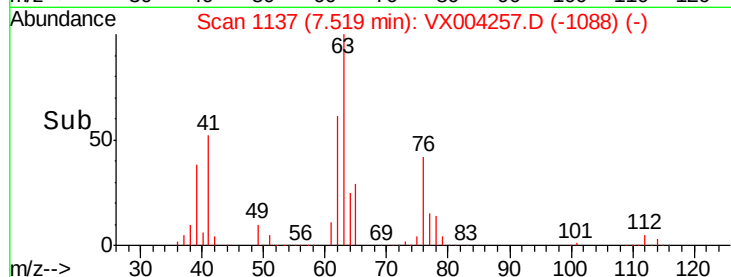
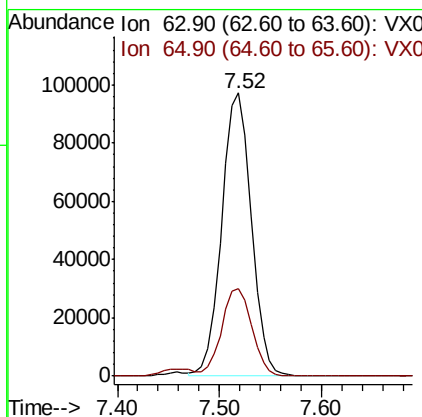
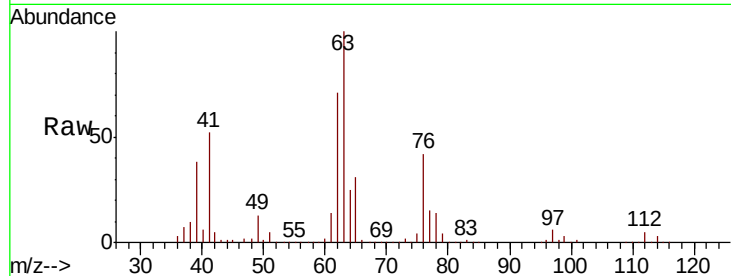




#45
 1,2-Dichloropropane
 Concen: 48.85 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

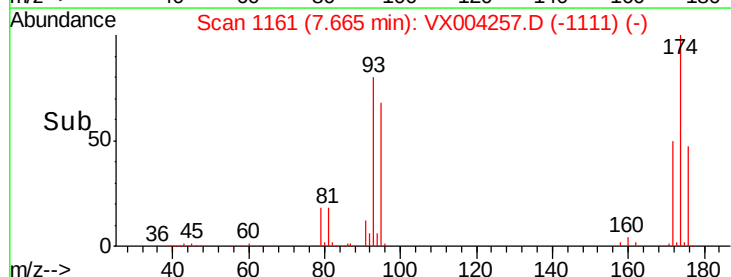
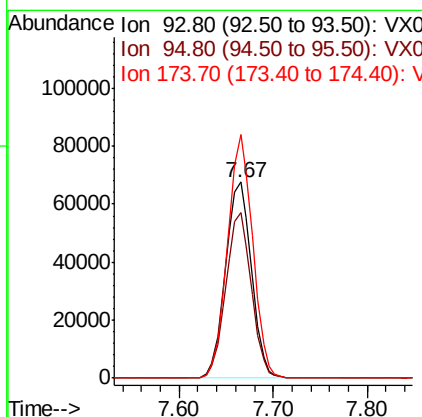
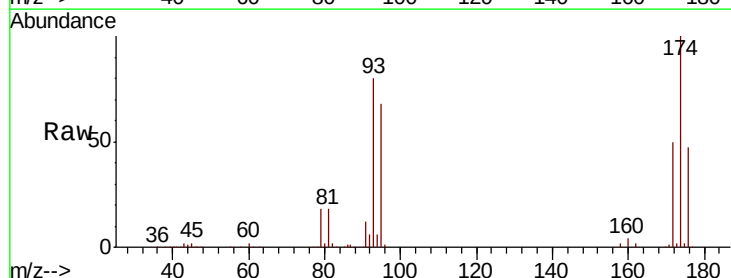
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

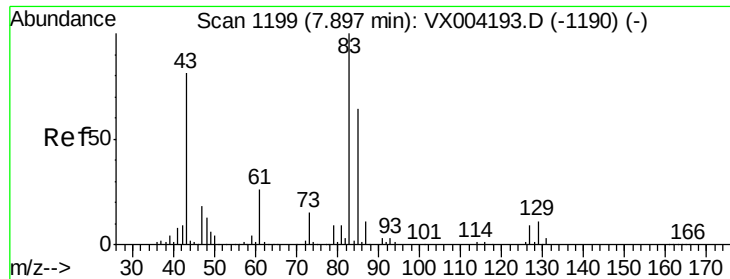
Tot Ion: 63 Resp: 195608
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 48.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion: 93 Resp: 129666
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 120.1 94.2 141.4





#47

Bromodichloromethane

Concen: 50.88 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

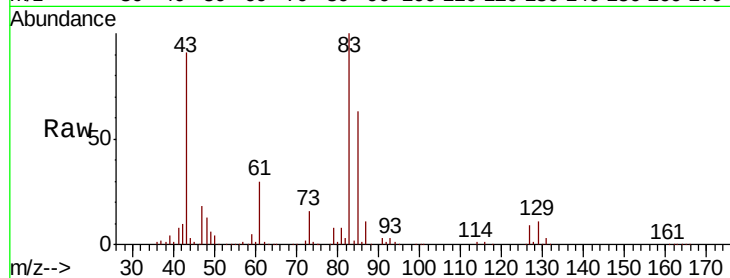
Tot Ion: 83 Resp: 252417

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

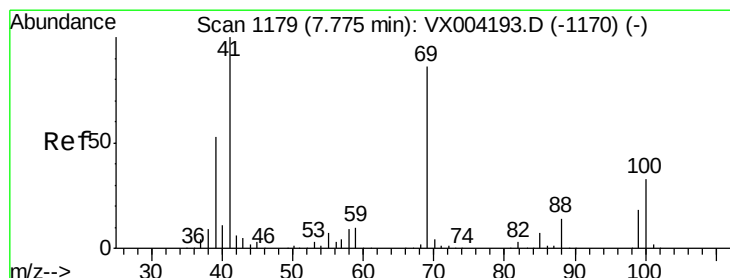
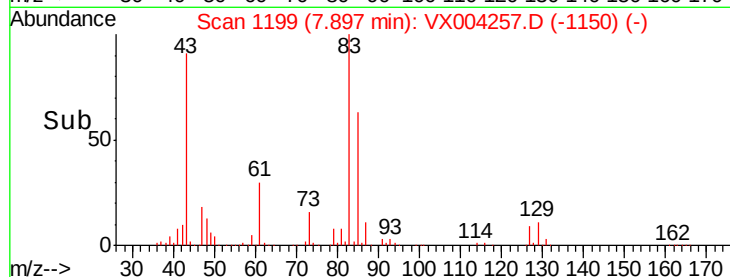
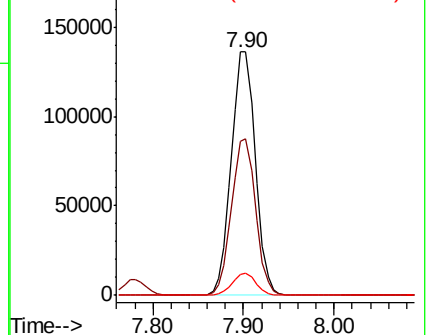
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.28 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

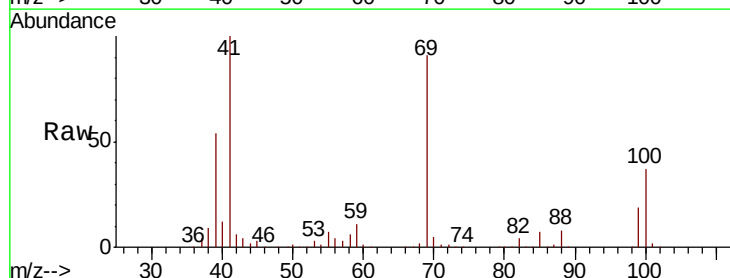
Tgt Ion: 41 Resp: 222029

Ion Ratio Lower Upper

41 100

69 89.2 70.2 105.4

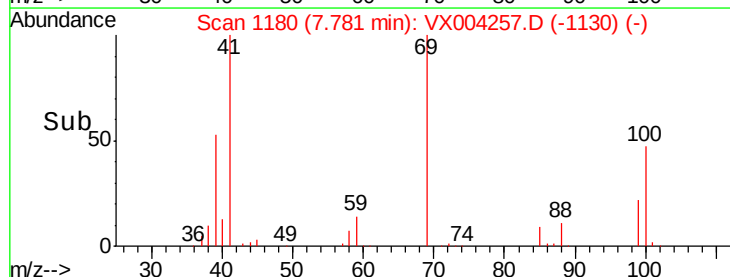
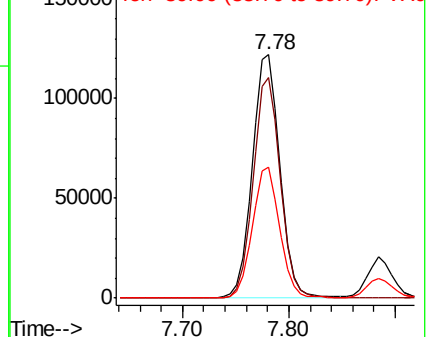
39 53.3 42.7 64.1

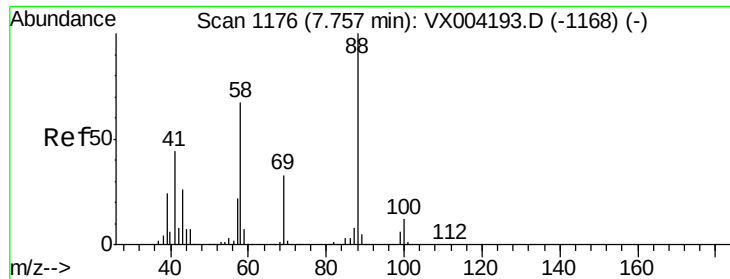


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

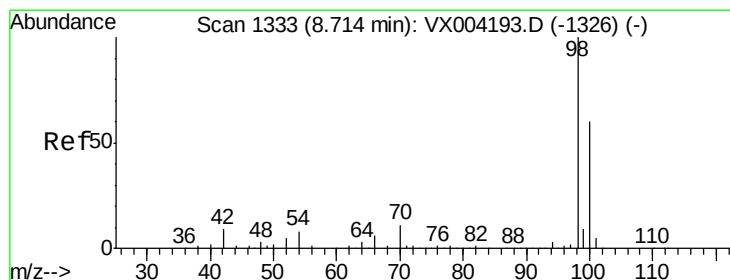
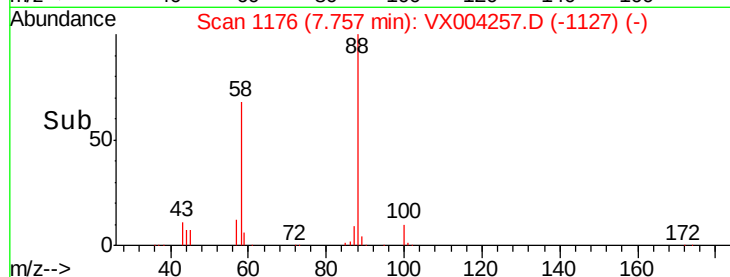
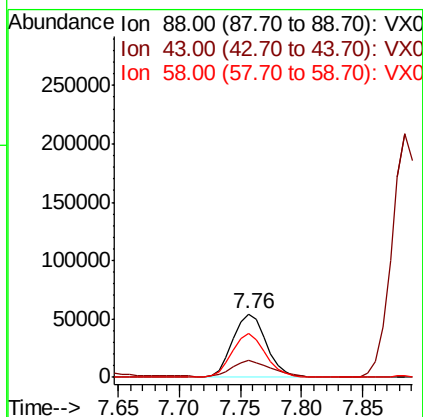
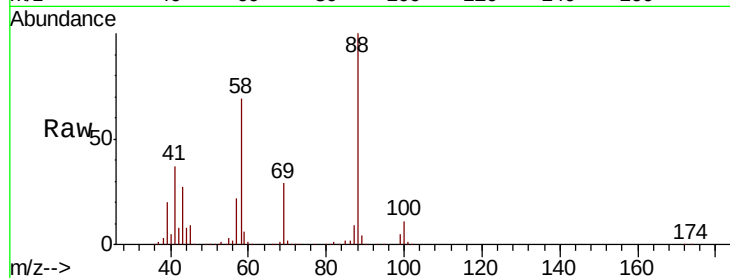




#49
1,4-Dioxane
Concen: 1050.54 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

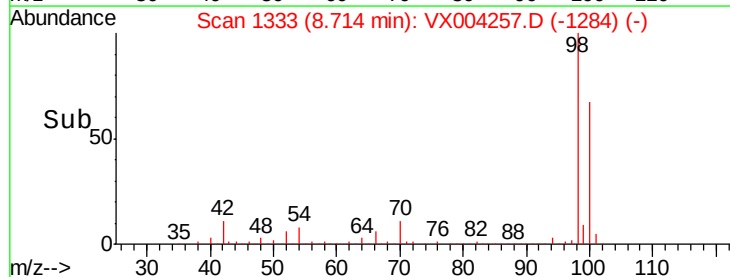
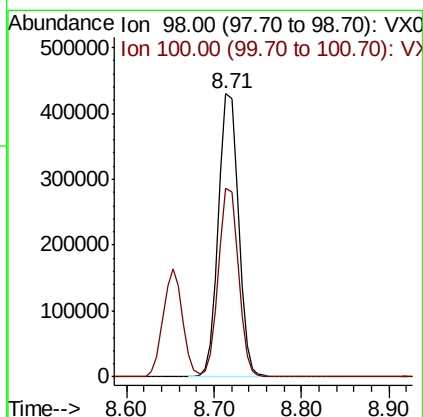
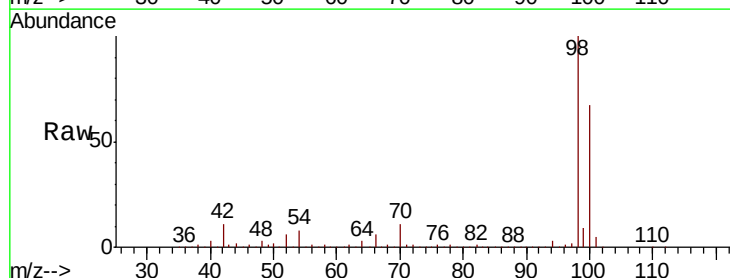
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

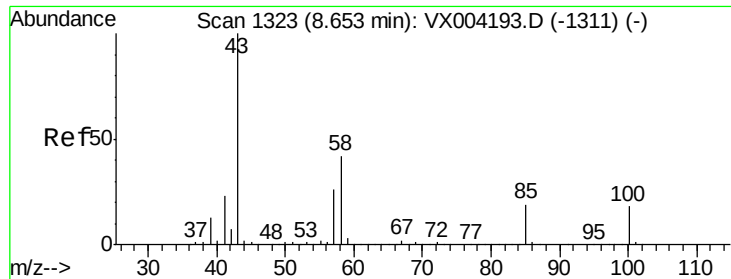
Tot Ion: 88 Resp: 103265
Ion Ratio Lower Upper
88 100
43 30.0 24.7 37.1
58 69.1 55.3 82.9



#50
Toluene-d8
Concen: 51.05 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 98 Resp: 682687
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 239.32 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

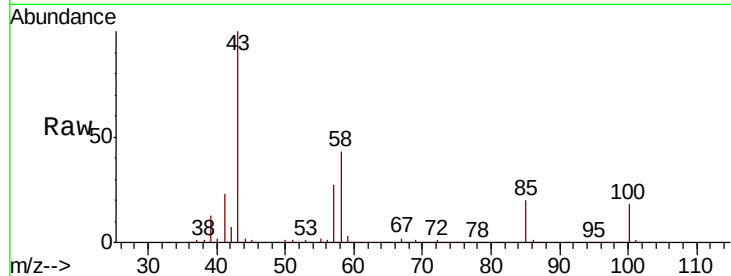
VSTDCCC050EC

Tot Ion: 43 Resp: 1406906

Ion Ratio Lower Upper

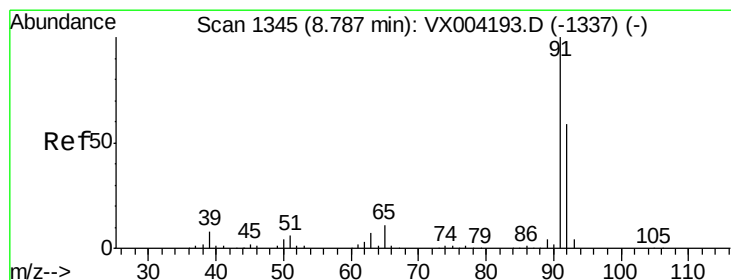
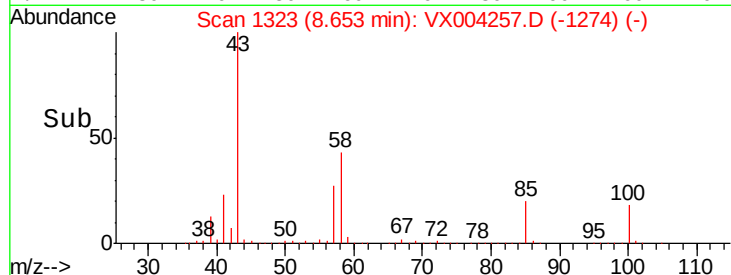
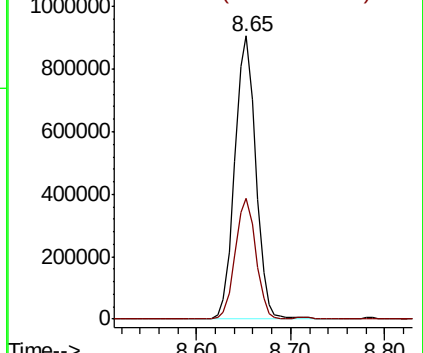
43 100

58 42.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004257.D

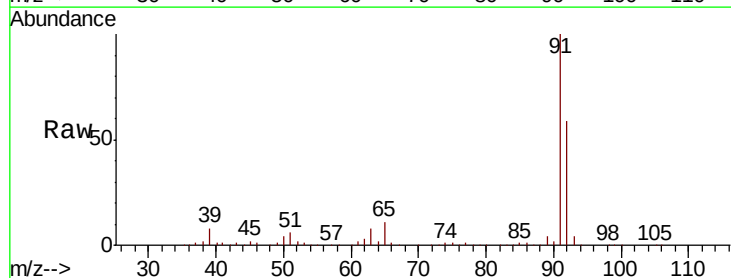
Acq: 24 Aug 2018 19:48

Tgt Ion: 92 Resp: 499821

Ion Ratio Lower Upper

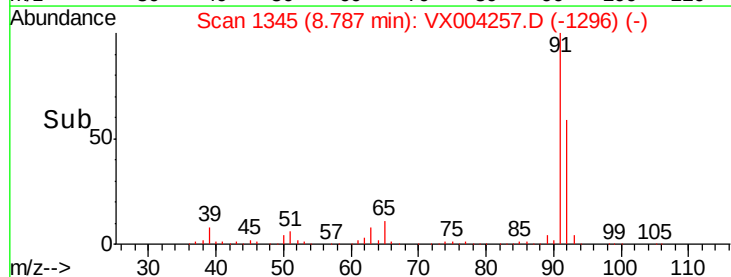
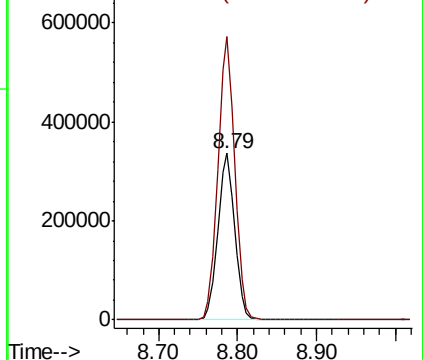
92 100

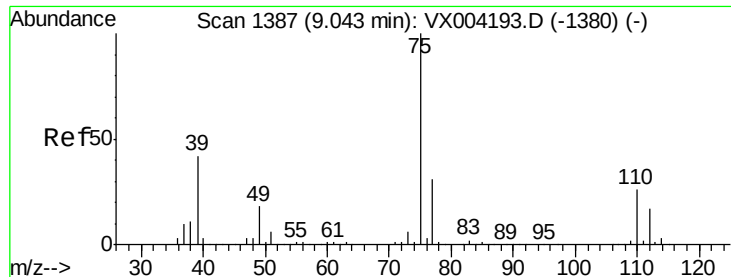
91 170.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.25 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

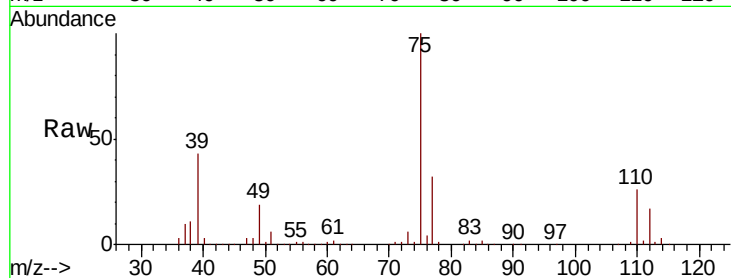
VSTDCCC050EC

Tot Ion: 75 Resp: 275314

Ion Ratio Lower Upper

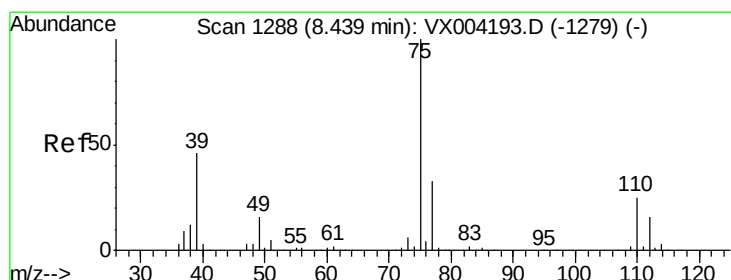
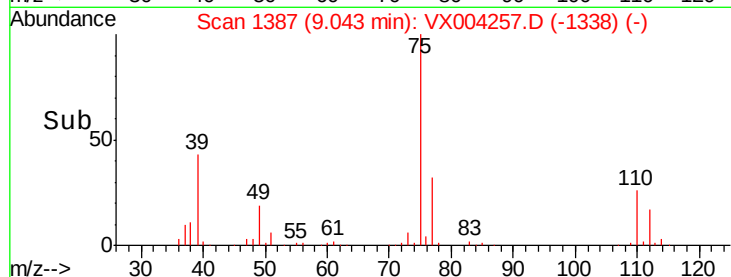
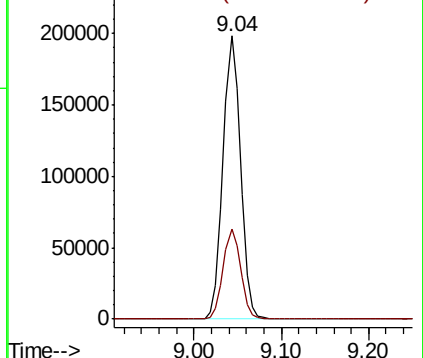
75 100

77 32.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.80 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

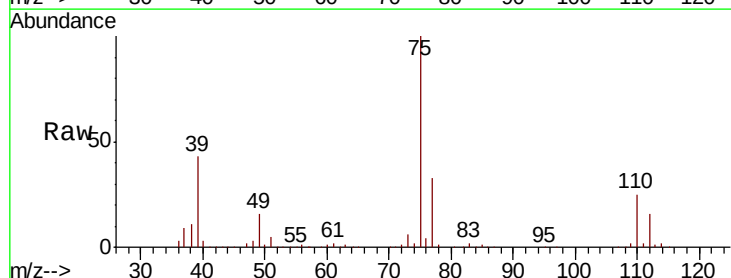
Tgt Ion: 75 Resp: 303196

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

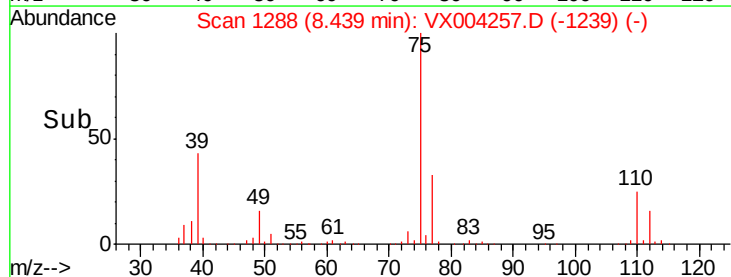
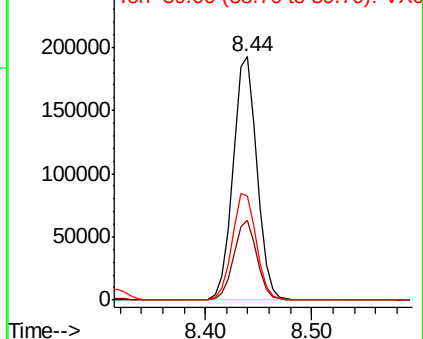
39 42.8 36.4 54.6

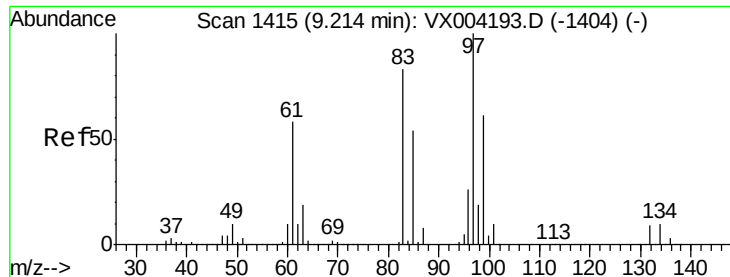


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

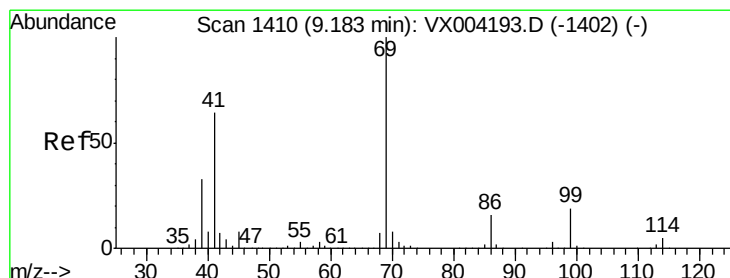
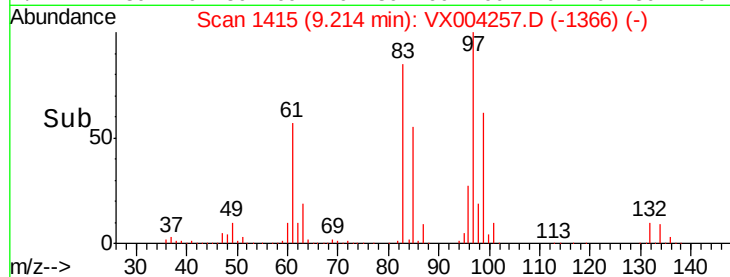
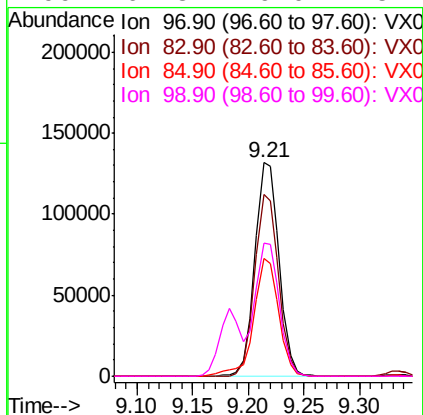
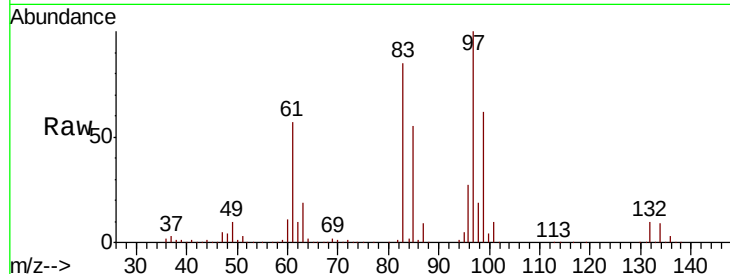




#55
1,1,2-Trichloroethane
Concen: 49.69 ug/l
RT: 9.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

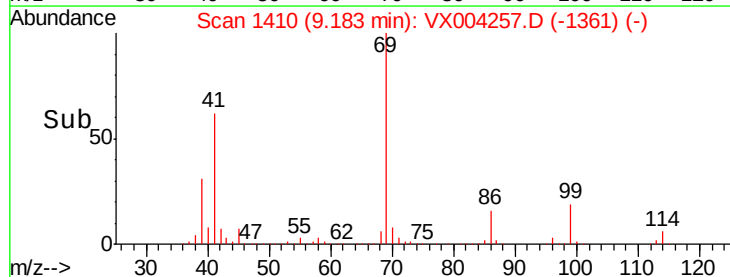
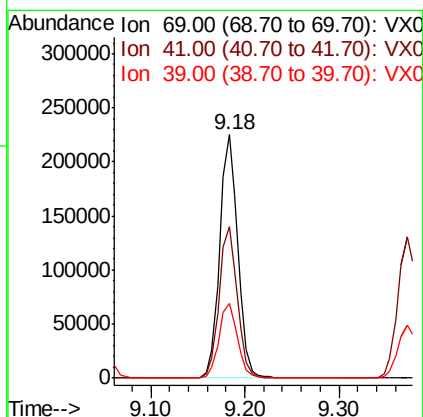
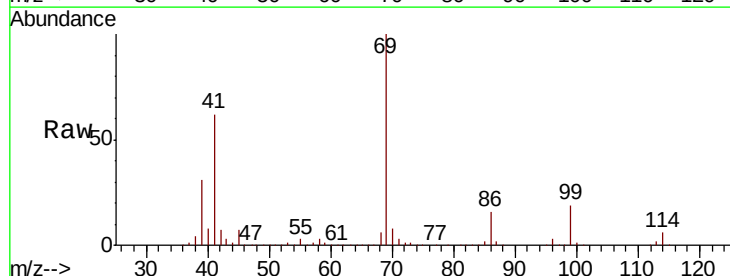
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

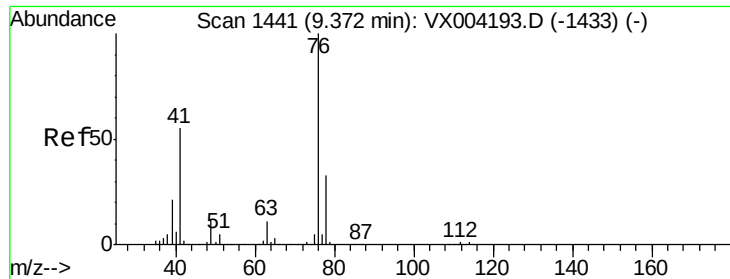
Tot Ion:	97	Resp:	200892
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	55.2	43.3	64.9
99	62.3	49.0	73.4



#56
Ethyl methacrylate
Concen: 54.52 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:	69	Resp:	300034
Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.0	76.4
39	31.2	26.1	39.1

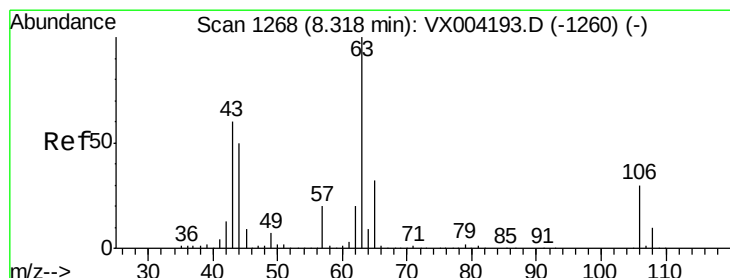
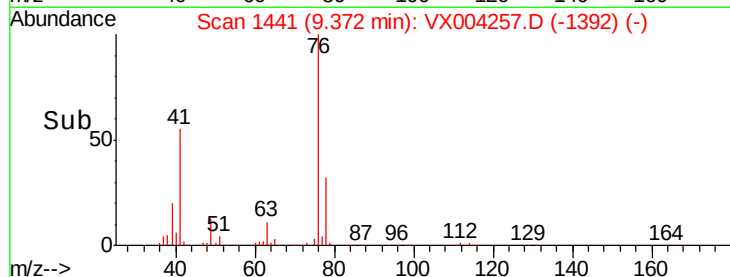
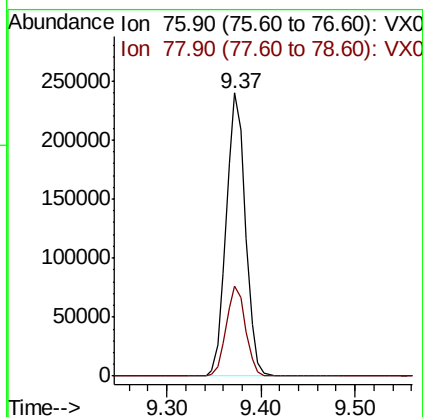
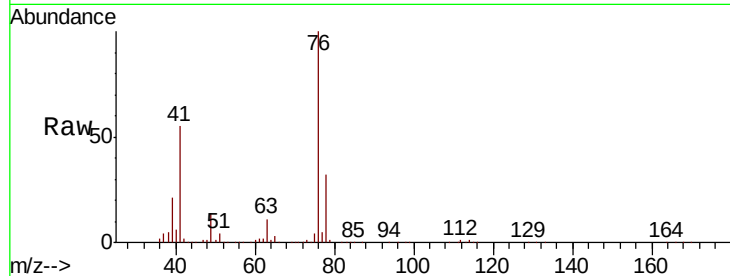




#57
 1,3-Dichloropropane
 Concen: 49.87 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

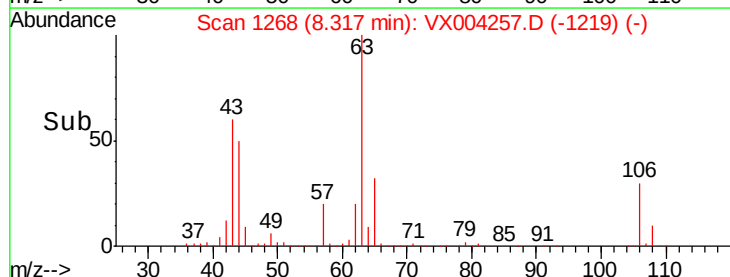
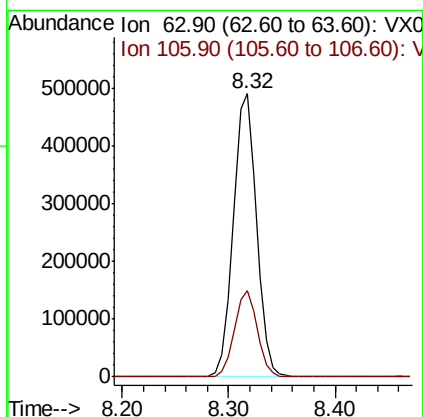
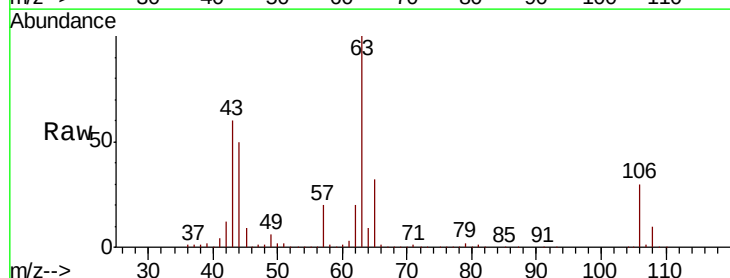
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

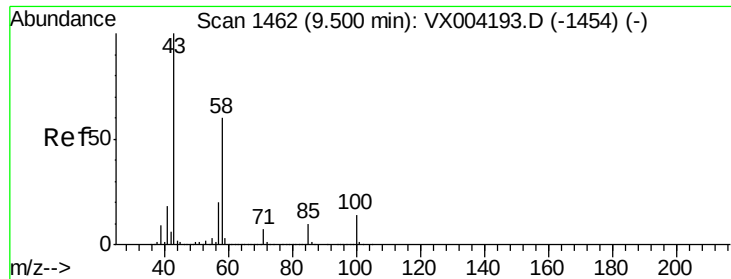
Tot Ion: 76 Resp: 339810
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.35 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion: 63 Resp: 751045
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.9 35.9

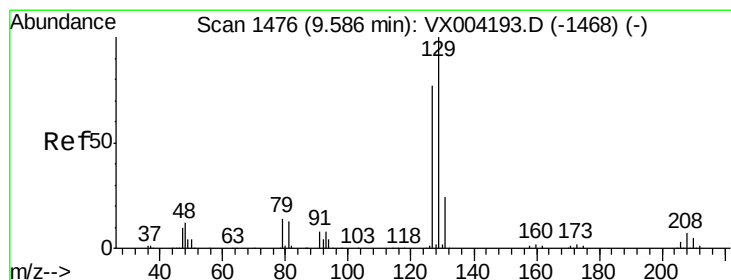
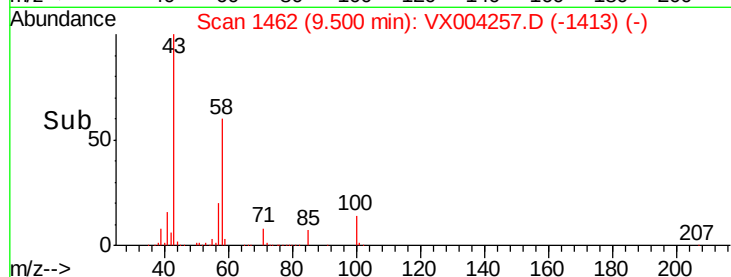
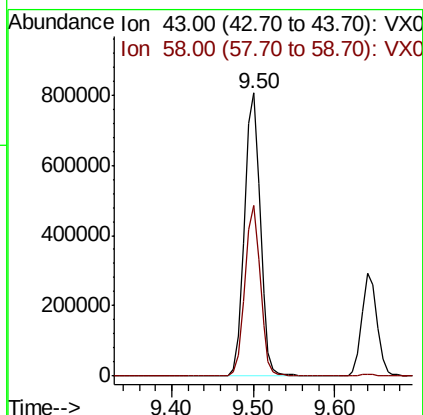
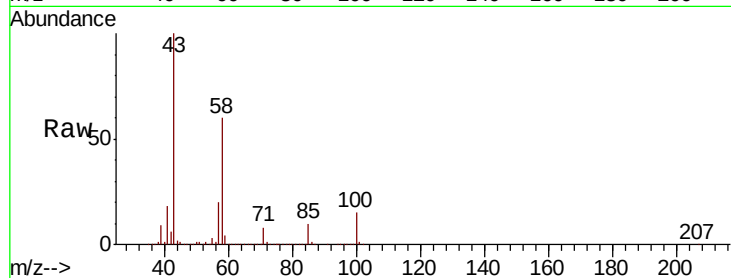




#59
2-Hexanone
Concen: 240.32 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

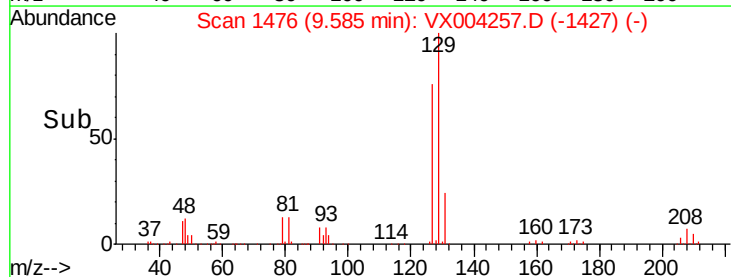
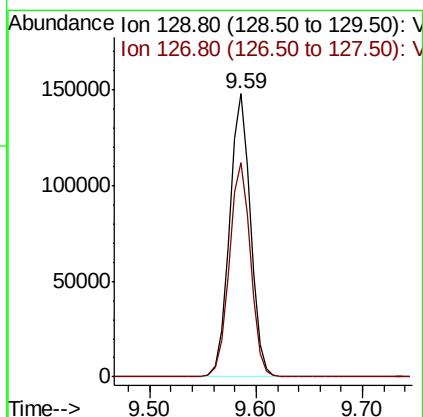
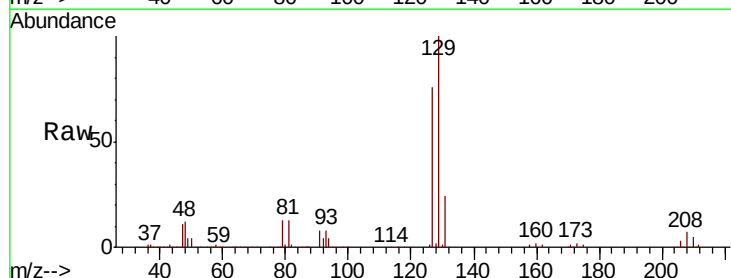
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

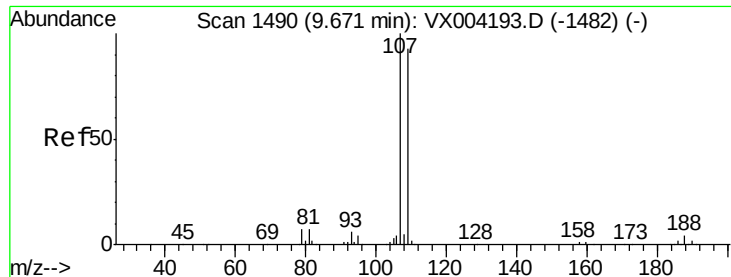
Tot Ion: 43 Resp: 1077826
Ion Ratio Lower Upper
43 100
58 59.1 29.0 87.0



#60
Dibromochloromethane
Concen: 51.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 129 Resp: 204506
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.44 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

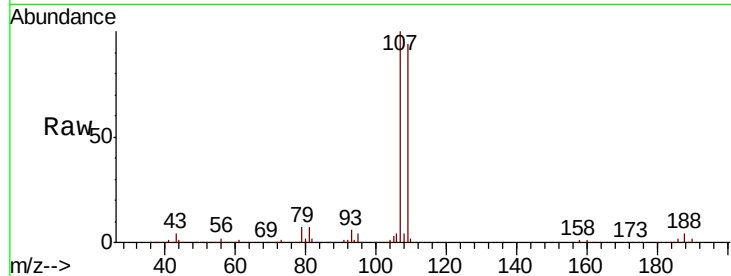
VSTDCCC050EC

Tot Ion:107 Resp: 211010

Ion Ratio Lower Upper

107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

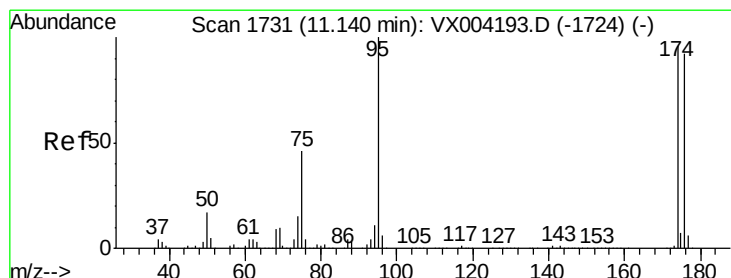
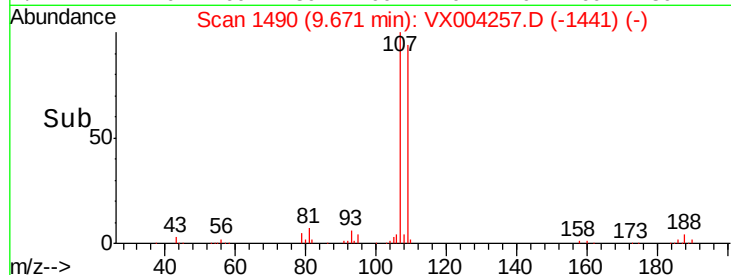
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

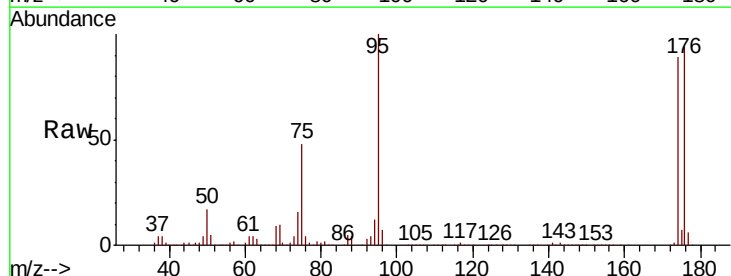
Tgt Ion: 95 Resp: 257073

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

176 90.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

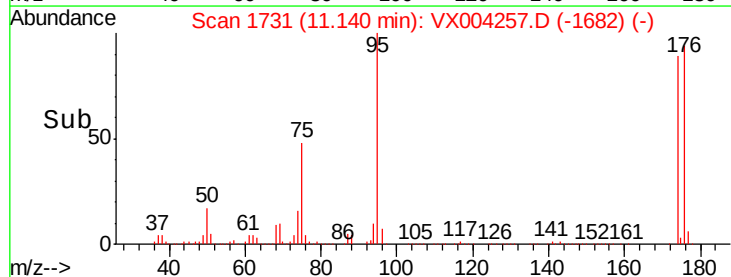
100000

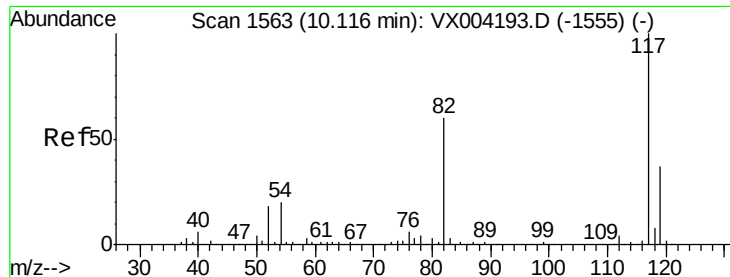
50000

0

11.10 11.20

Time-->

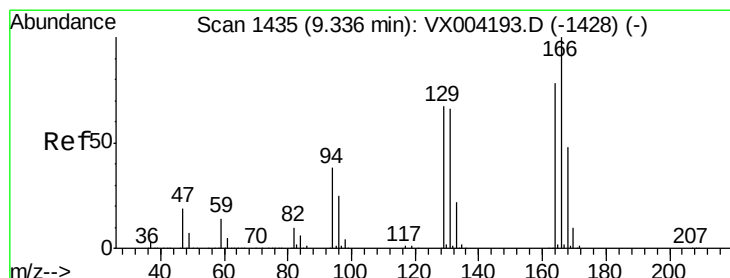
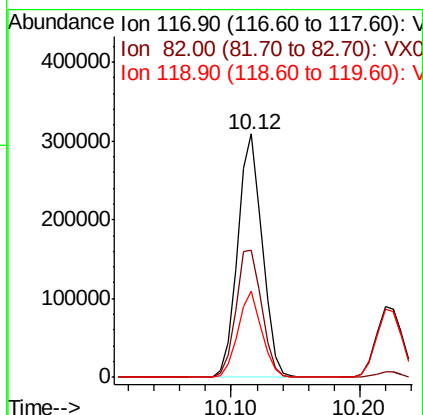
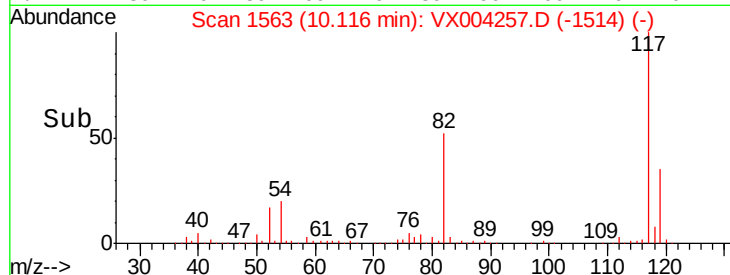
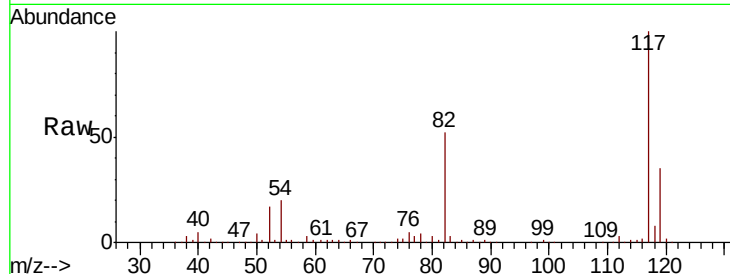




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

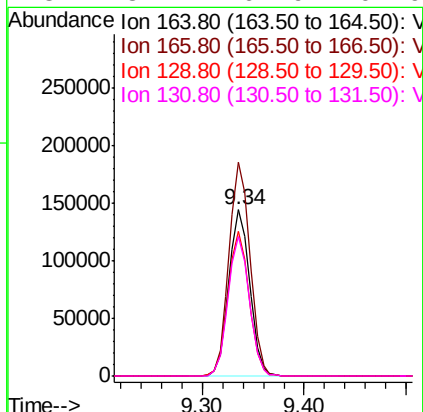
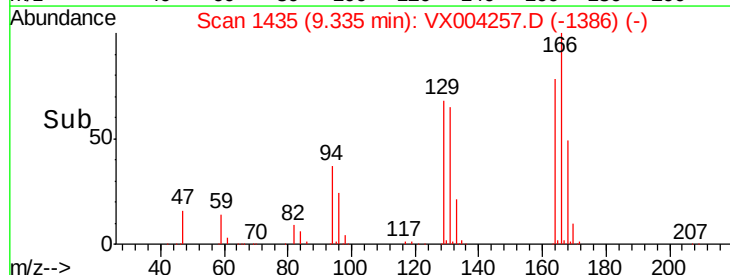
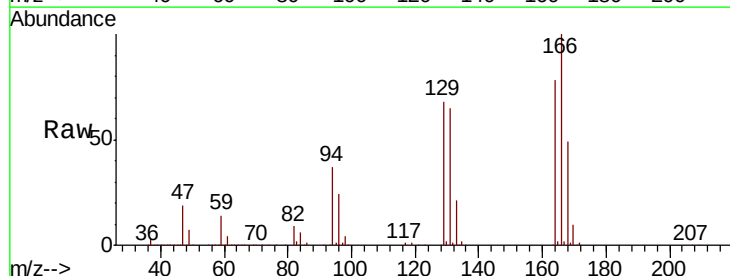
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

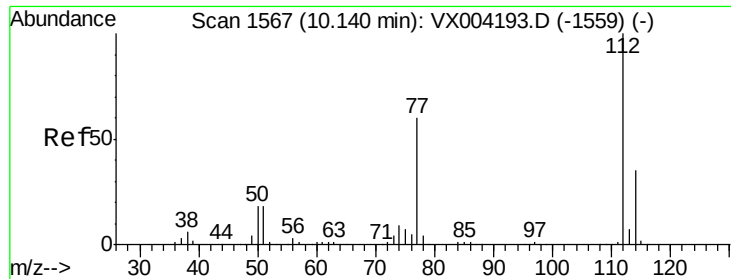
Tot Ion:117 Resp: 408289
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 35.4 29.3 43.9



#64
Tetrachloroethene
Concen: 50.59 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:164 Resp: 204040
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 86.8 69.4 104.0
131 84.2 67.9 101.9

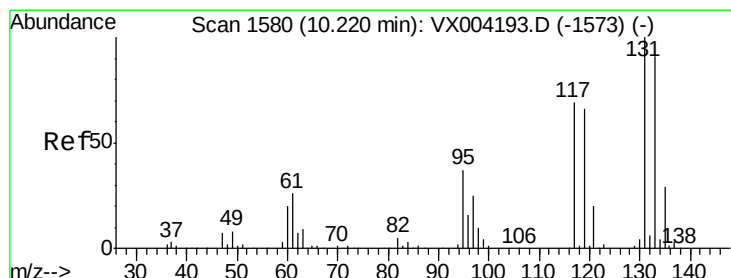
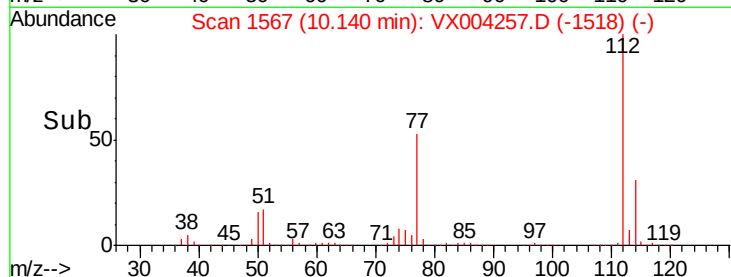
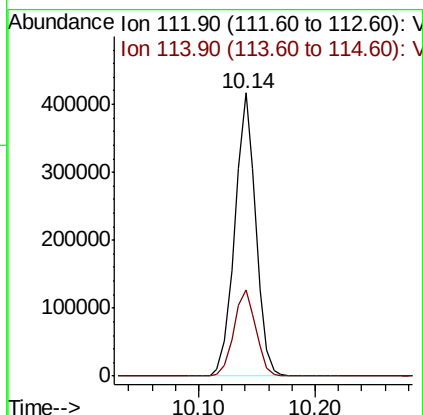
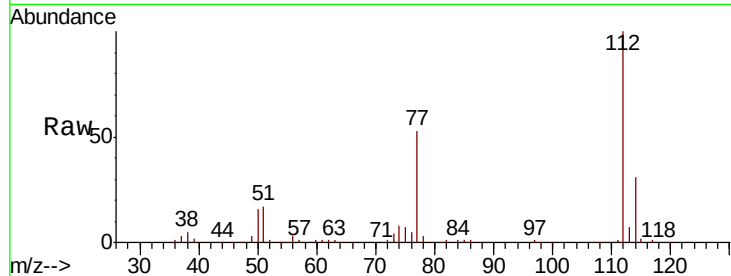




#65
Chlorobenzene
Concen: 50.91 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

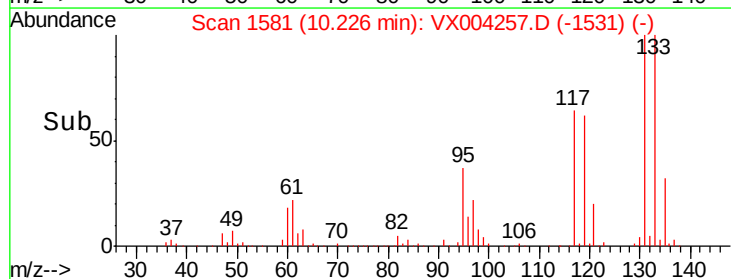
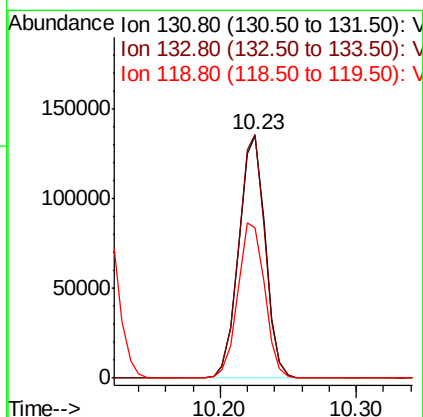
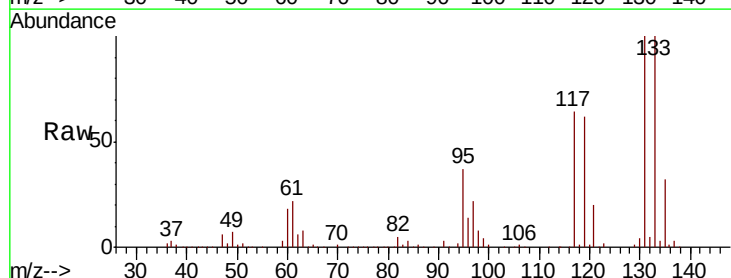
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

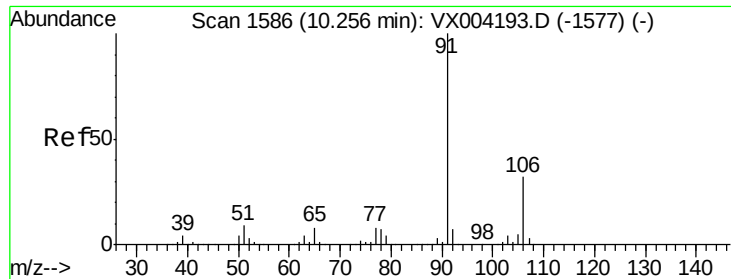
Tot Ion:112 Resp: 521724
Ion Ratio Lower Upper
112 100
114 30.5 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.68 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:131 Resp: 182639
Ion Ratio Lower Upper
131 100
133 99.5 48.1 144.4
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 54.43 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

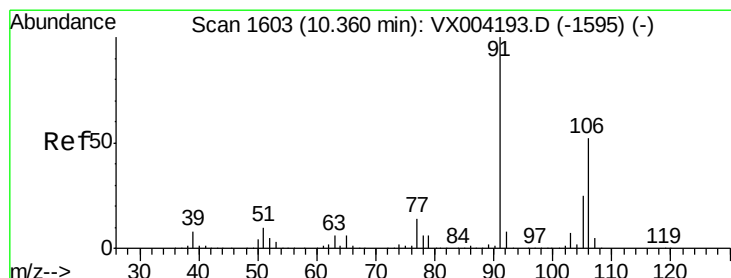
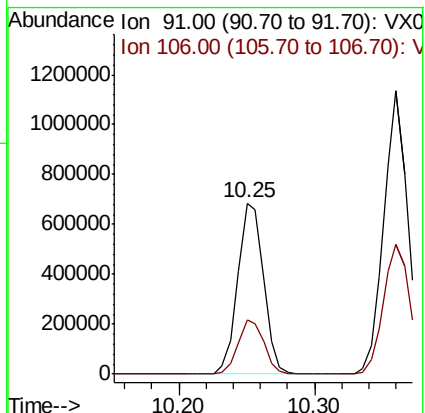
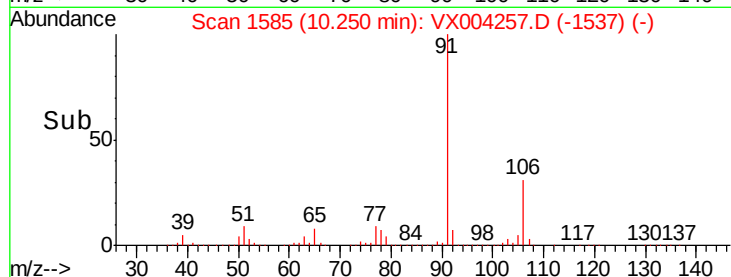
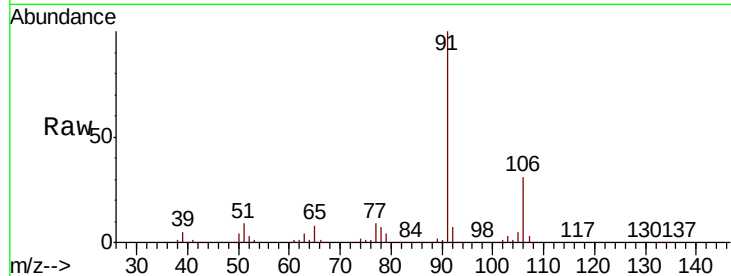
VSTDCCC050EC

Tot Ion: 91 Resp: 905841

Ion Ratio Lower Upper

91 100

106 31.5 25.9 38.9



#68

m/p-Xylenes

Concen: 107.43 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004257.D

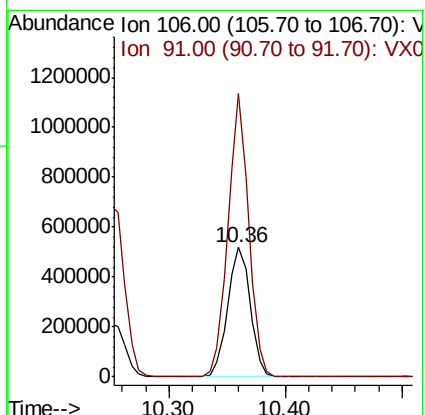
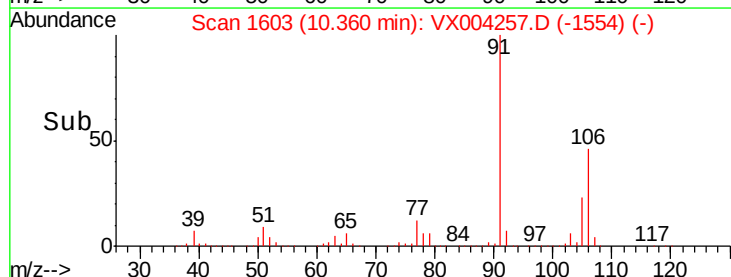
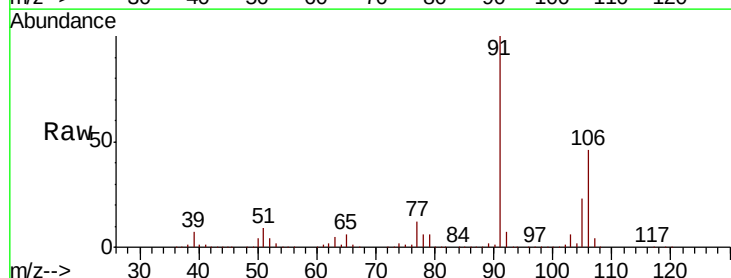
Acq: 24 Aug 2018 19:48

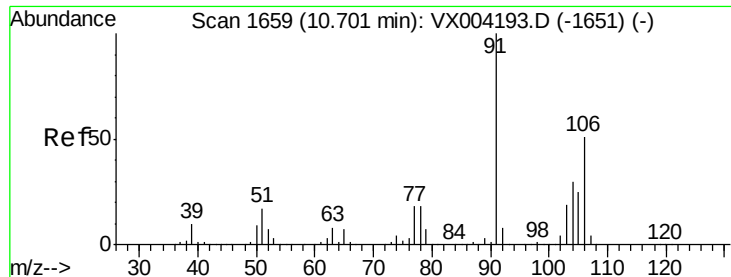
Tgt Ion: 106 Resp: 699030

Ion Ratio Lower Upper

106 100

91 200.1 157.1 235.7

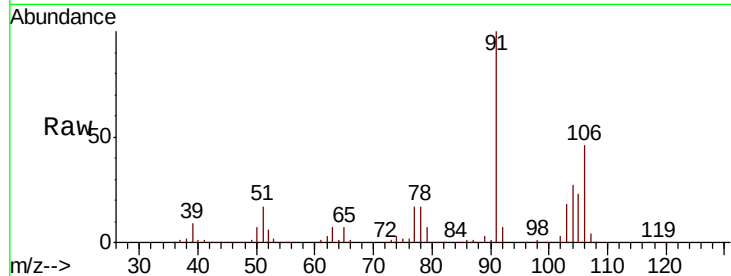




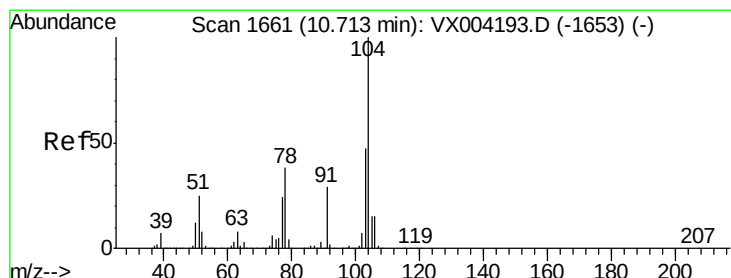
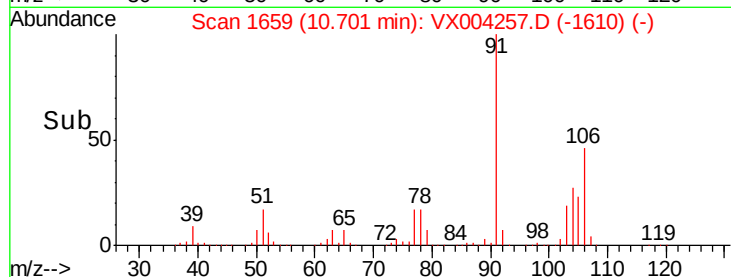
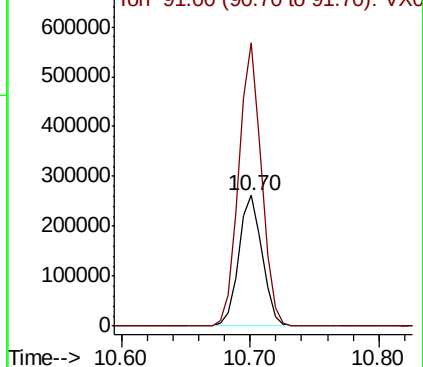
#69
o-Xylene
Concen: 53.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 328629
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1

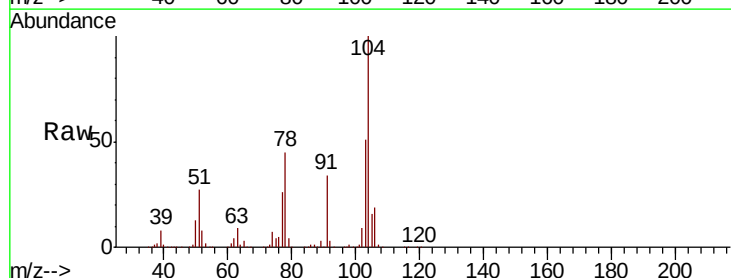


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

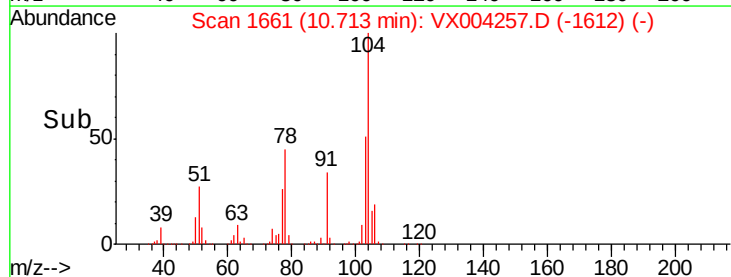
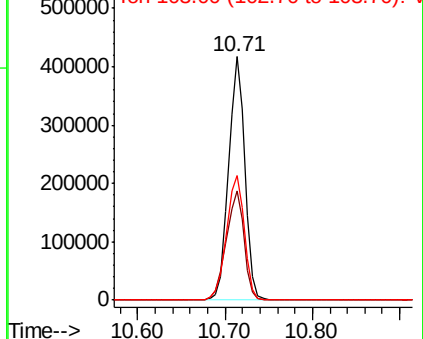


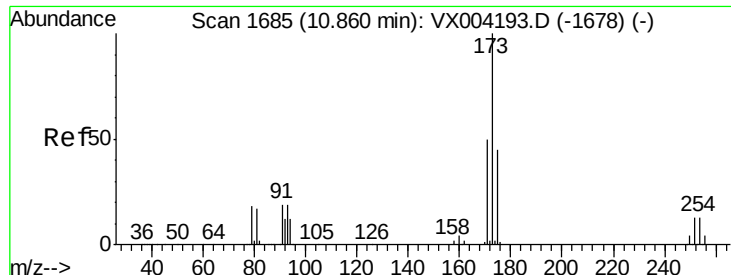
#70
Styrene
Concen: 54.00 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:104 Resp: 538189
Ion Ratio Lower Upper
104 100
78 49.0 37.4 56.0
103 56.2 43.8 65.6



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

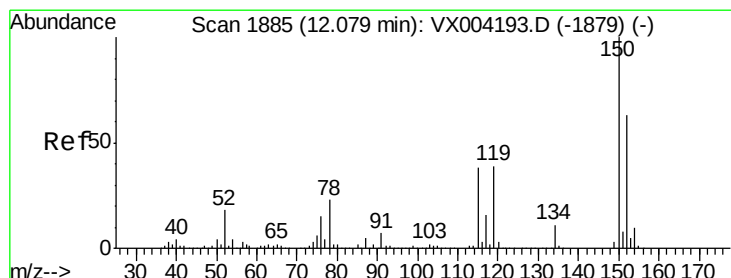
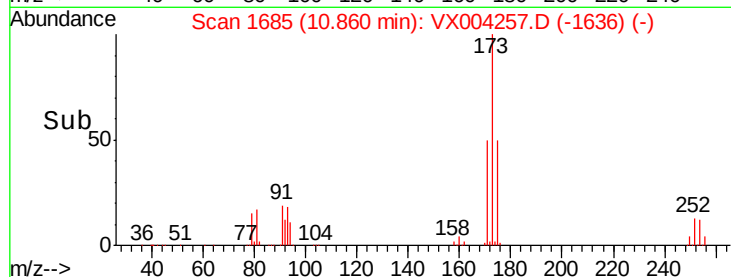
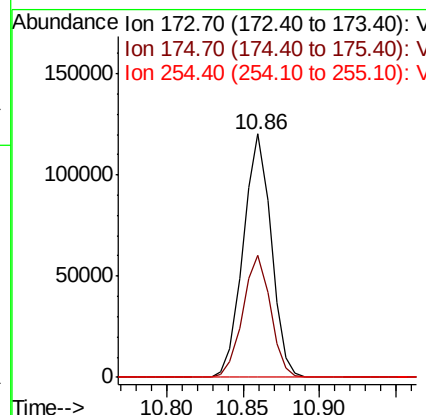
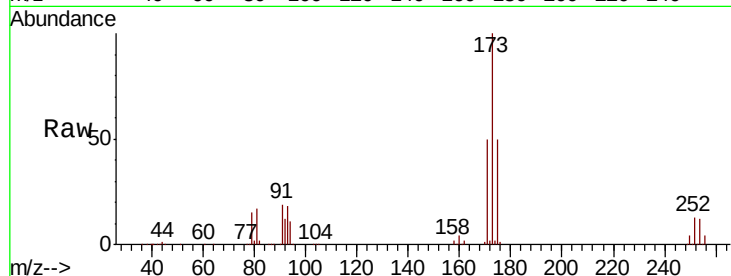




#71
Bromoform
Concen: 53.58 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

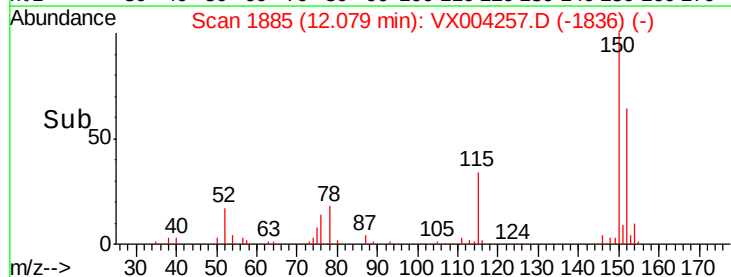
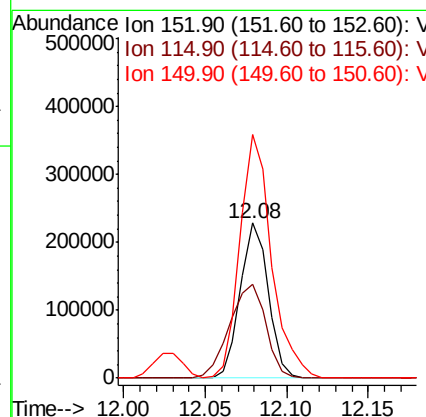
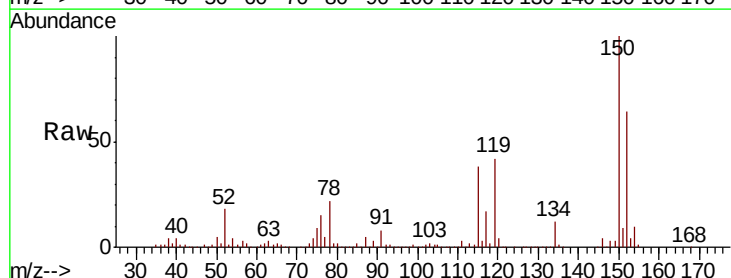
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

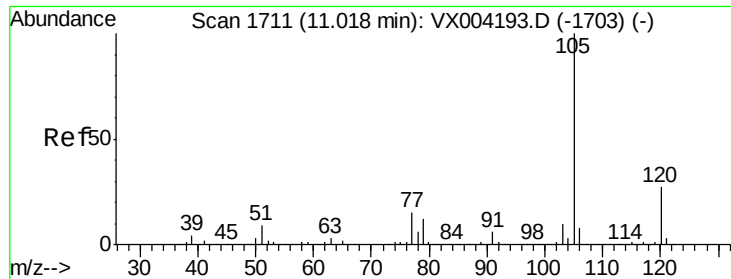
Tot Ion:173 Resp: 152659
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion:152 Resp: 274348
Ion Ratio Lower Upper
152 100
115 77.9 39.0 117.0
150 176.3 0.0 351.0

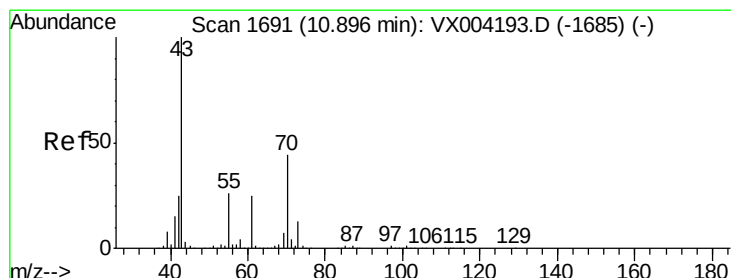
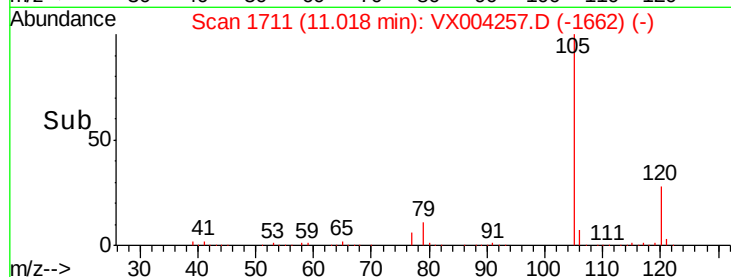
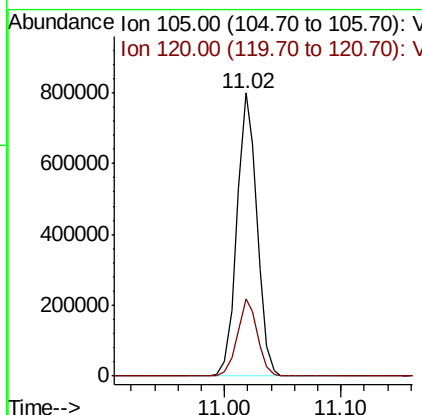
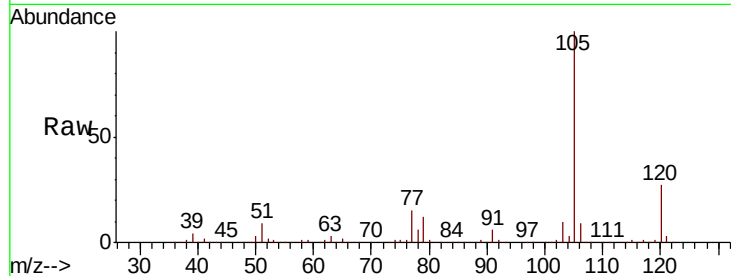




#73
Isopropylbenzene
Concen: 53.27 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

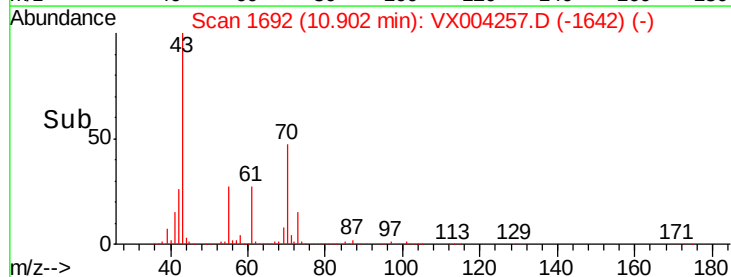
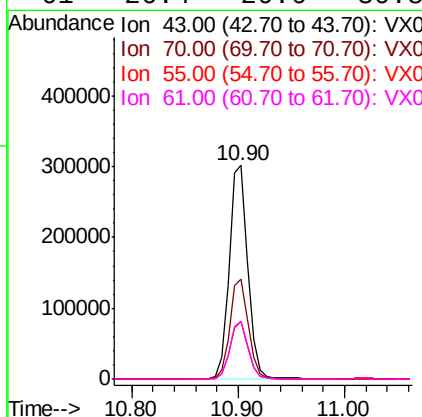
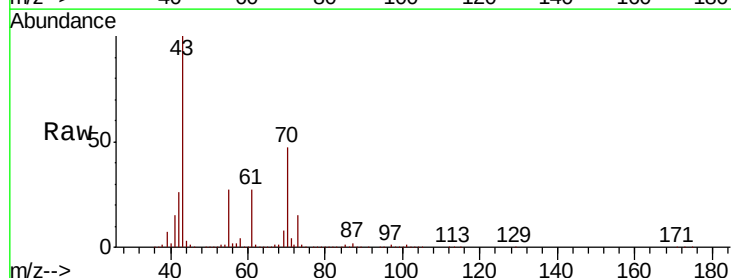
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

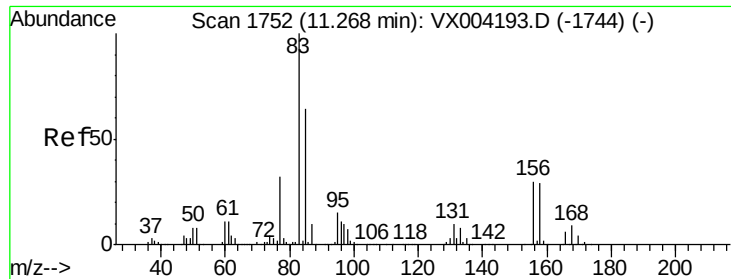
Tot Ion:105 Resp: 959867
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 53.23 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VX004257.D
Acq: 24 Aug 2018 19:48

Tgt Ion: 43 Resp: 369280
Ion Ratio Lower Upper
43 100
70 46.8 37.4 56.0
55 26.7 21.8 32.8
61 26.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.17 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

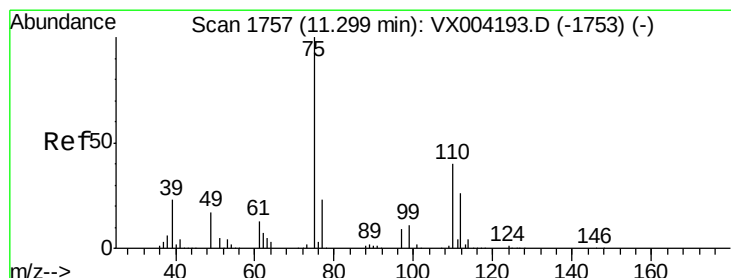
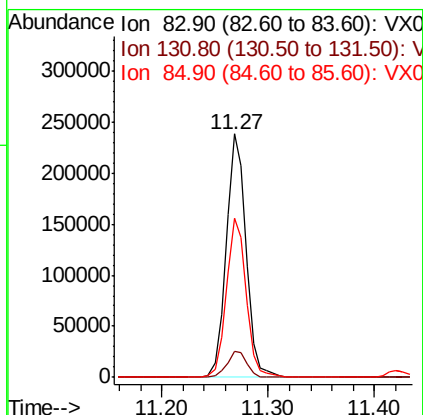
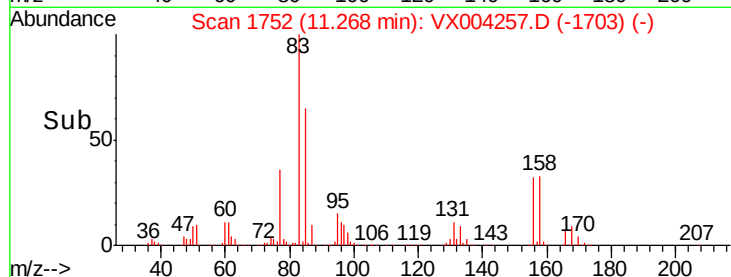
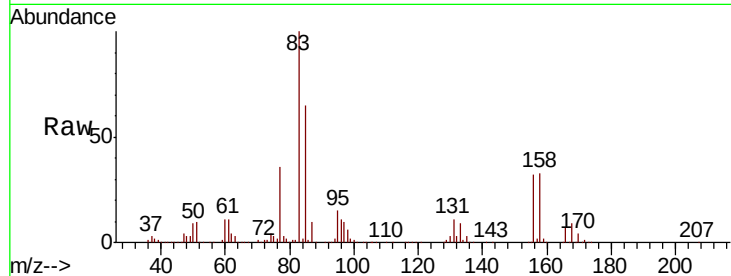
Tot Ion: 83 Resp: 310060

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 63.67 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004257.D

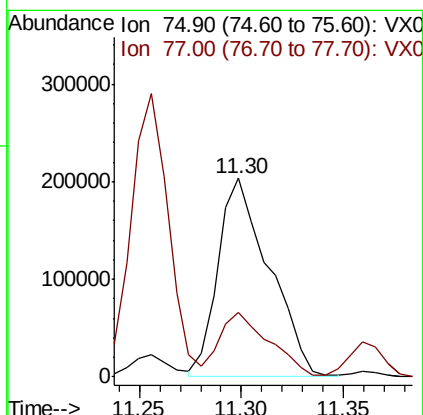
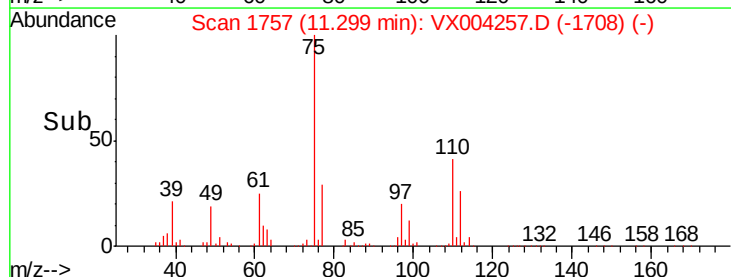
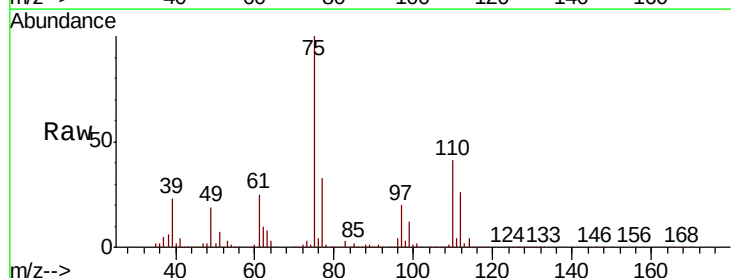
Acq: 24 Aug 2018 19:48

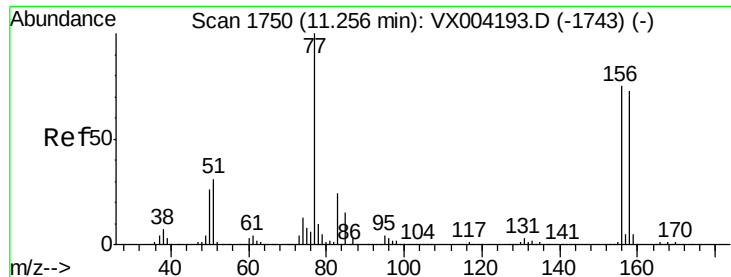
Tgt Ion: 75 Resp: 355240

Ion Ratio Lower Upper

75 100

77 31.6 20.2 60.6





#77

Bromobenzene

Concen: 50.84 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

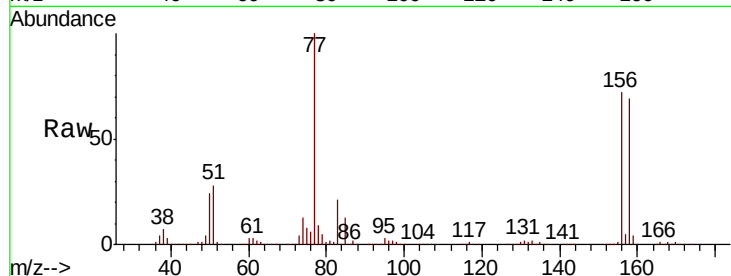
Tot Ion:156 Resp: 256982

Ion Ratio Lower Upper

156 100

77 144.0 71.5 214.3

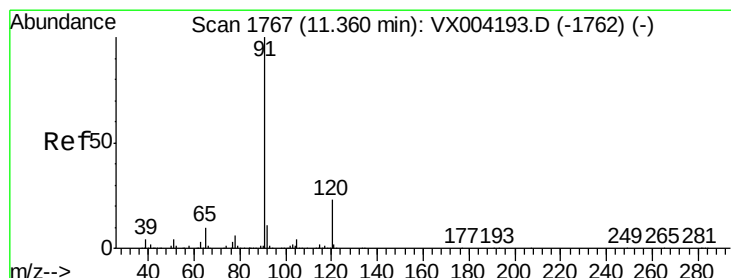
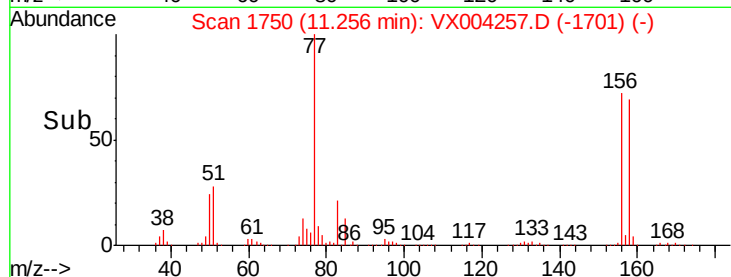
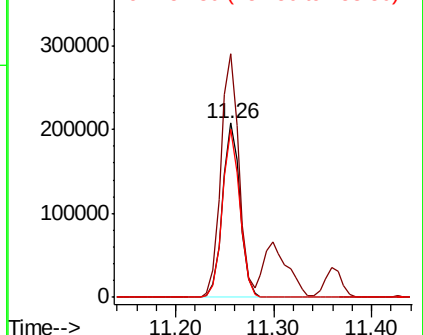
158 96.2 48.9 146.8



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: 53.29 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004257.D

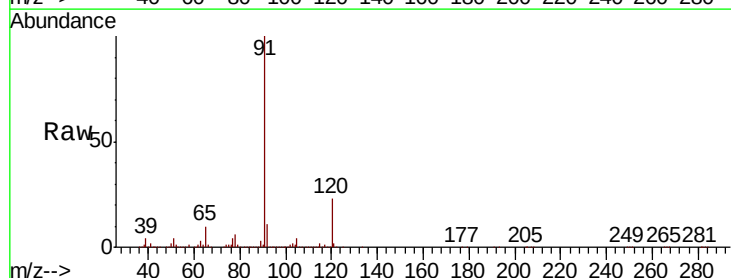
Acq: 24 Aug 2018 19:48

Tgt Ion: 91 Resp: 1104381

Ion Ratio Lower Upper

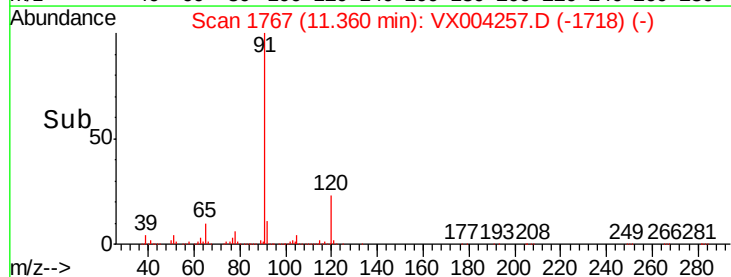
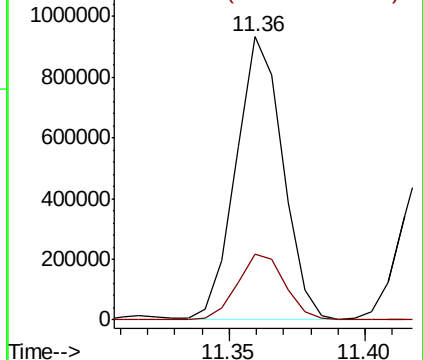
91 100

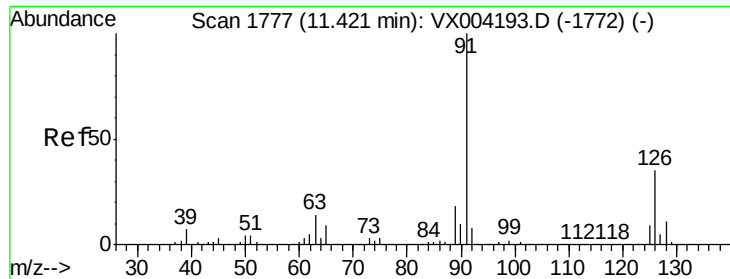
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

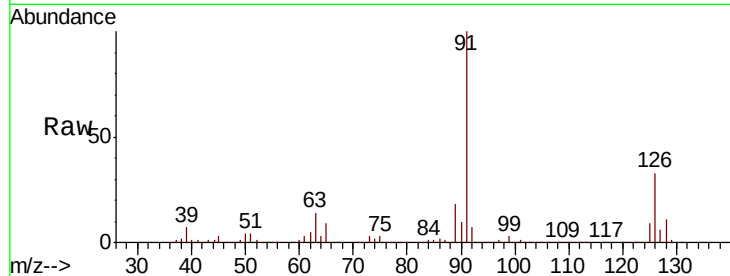




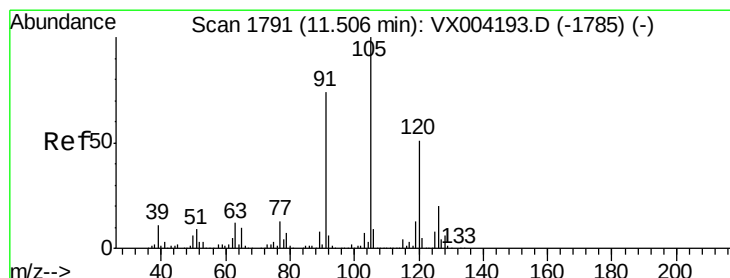
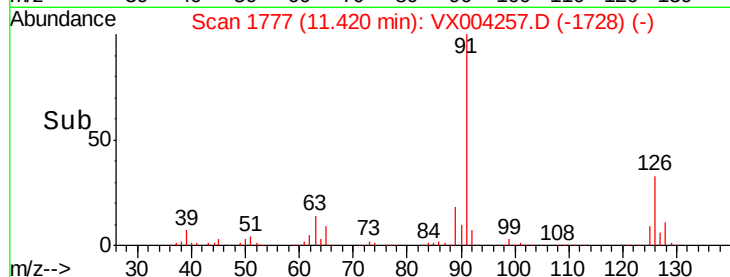
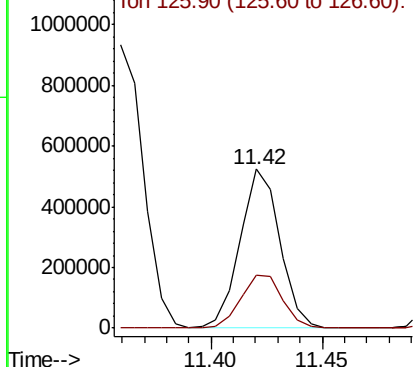
#79
 2-Chlorotoluene
 Concen: 51.10 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 651864
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7

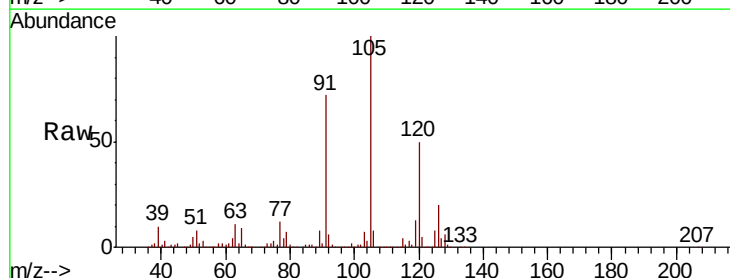


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

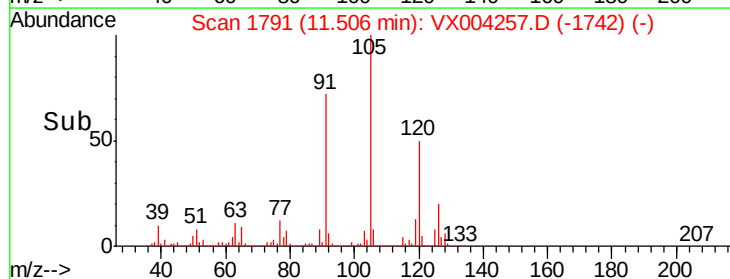
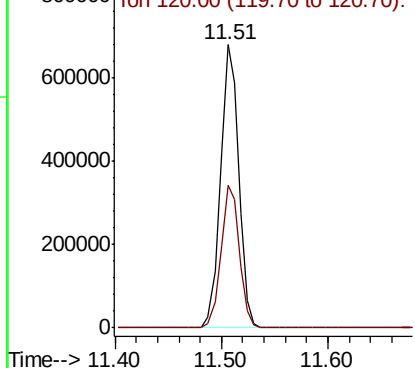


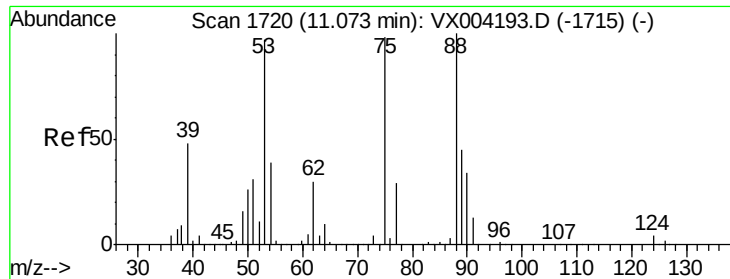
#80
 1,3,5-Trimethylbenzene
 Concen: 54.16 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion:105 Resp: 808142
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.6 76.8



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: 50.51 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

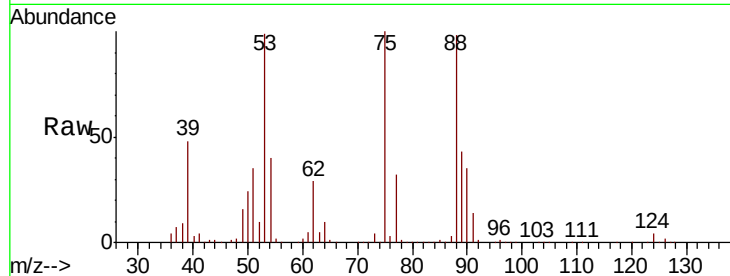
Tot Ion: 75 Resp: 86856

Ion Ratio Lower Upper

75 100

53 99.1 80.1 120.1

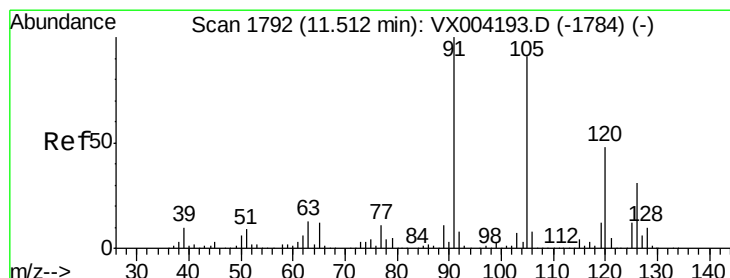
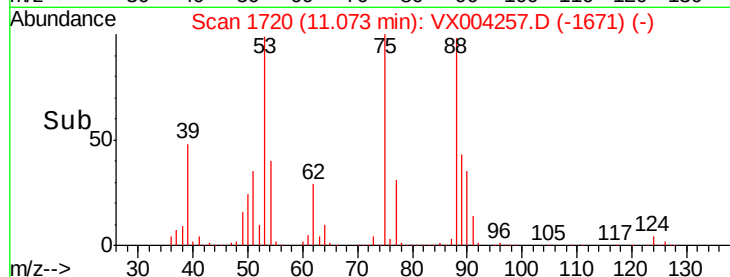
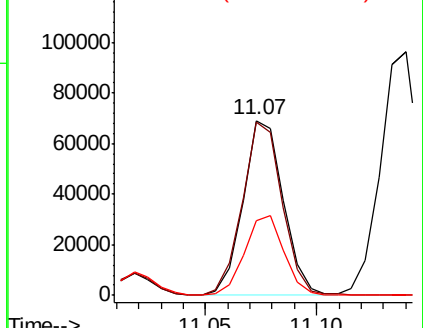
89 45.0 37.2 55.8



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: 51.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004257.D

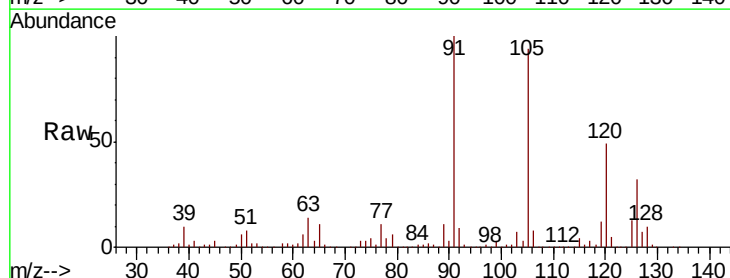
Acq: 24 Aug 2018 19:48

Tgt Ion: 91 Resp: 766186

Ion Ratio Lower Upper

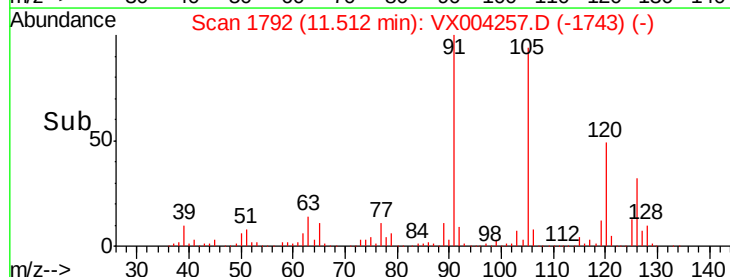
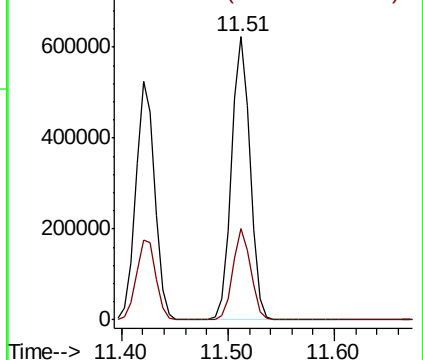
91 100

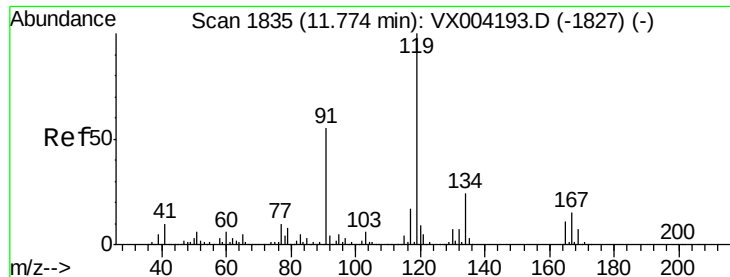
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

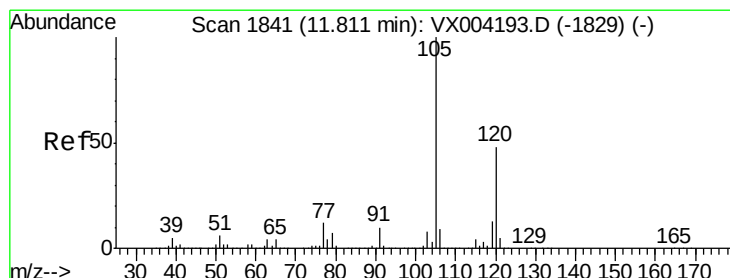
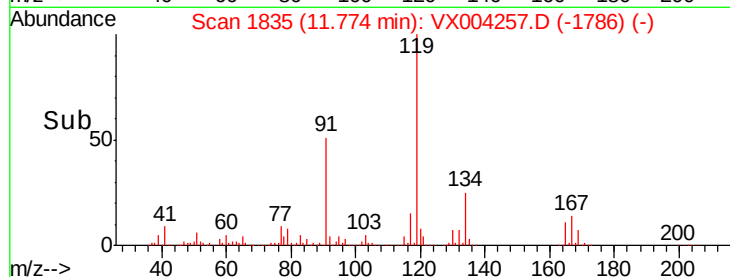
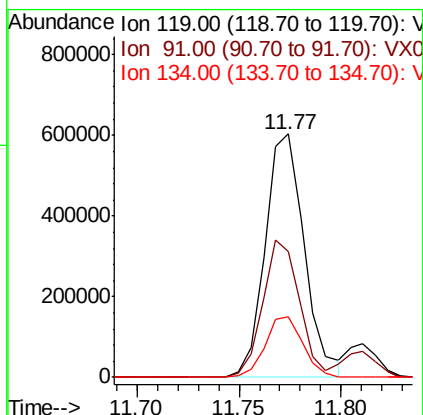
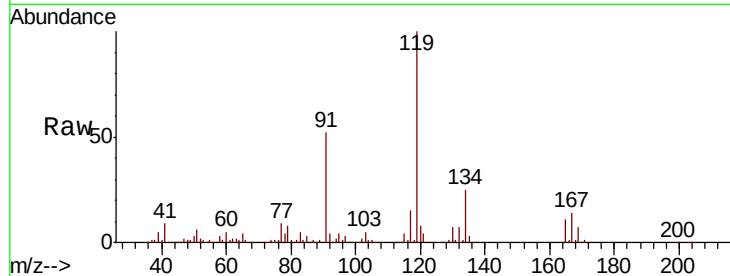




#83
 tert-Butylbenzene
 Concen: 53.87 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

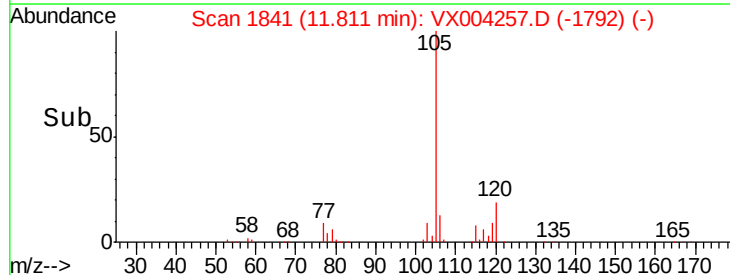
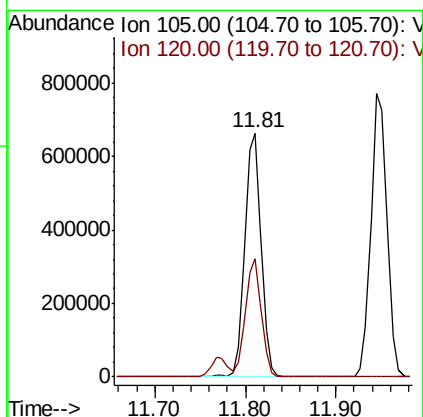
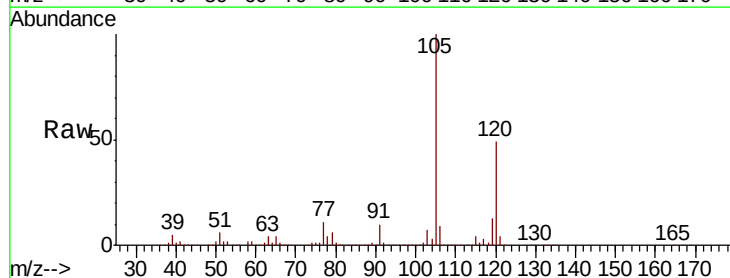
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

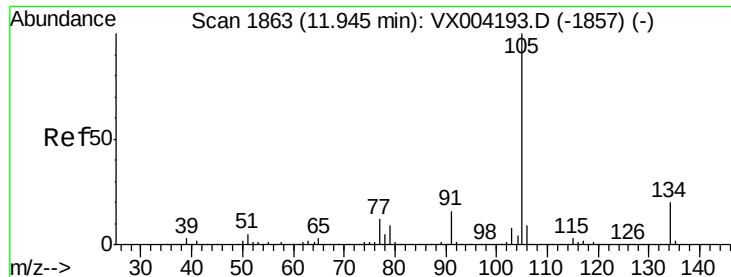
Tot Ion:119 Resp: 808831
 Ion Ratio Lower Upper
 119 100
 91 52.8 27.0 81.0
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion:105 Resp: 827463
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6

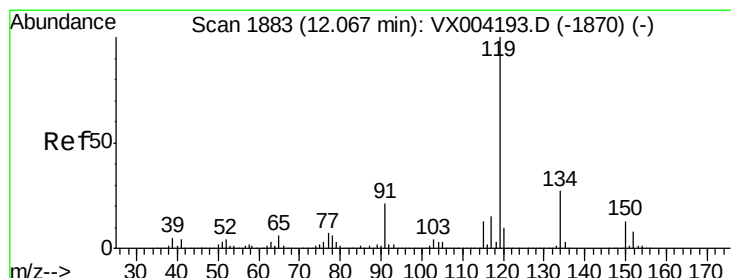
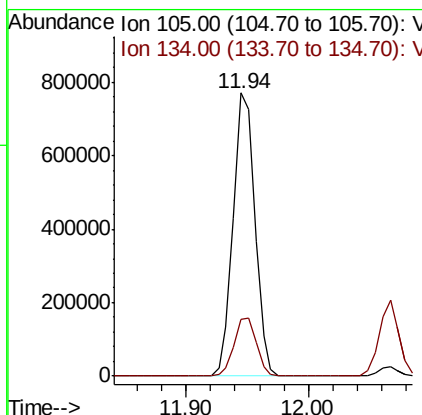
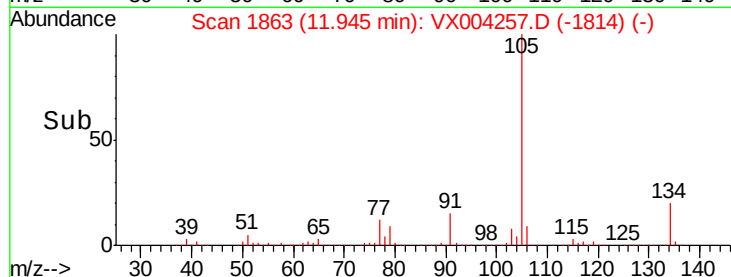
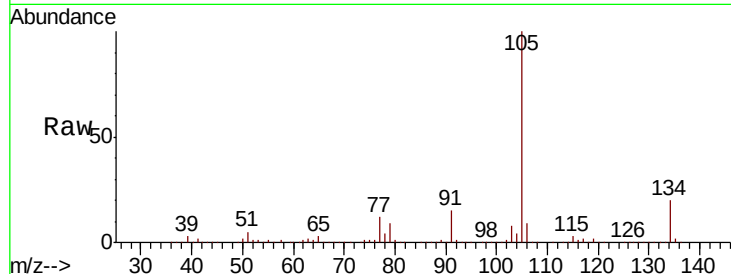




#85
 sec-Butylbenzene
 Concen: 53.05 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

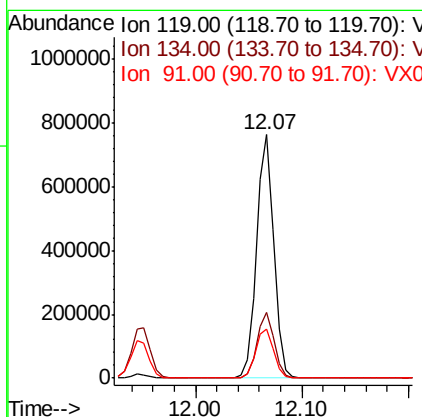
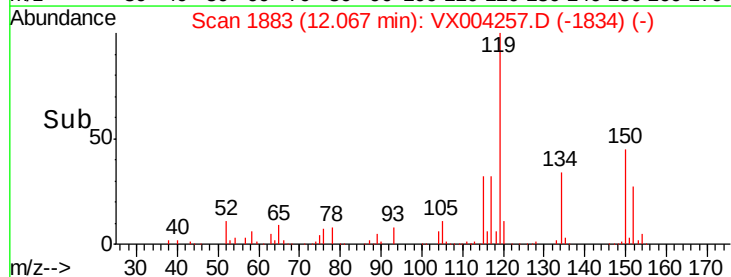
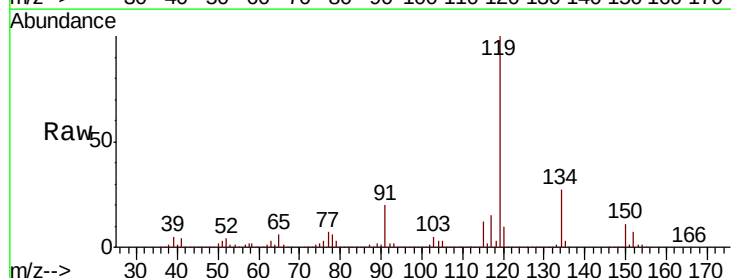
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

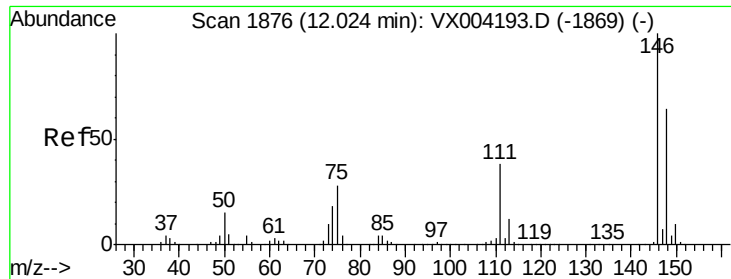
Tot Ion:105 Resp: 945658
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 54.11 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion:119 Resp: 864308
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 21.2 10.9 32.7

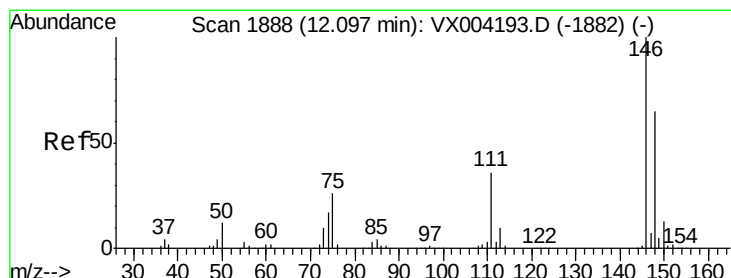
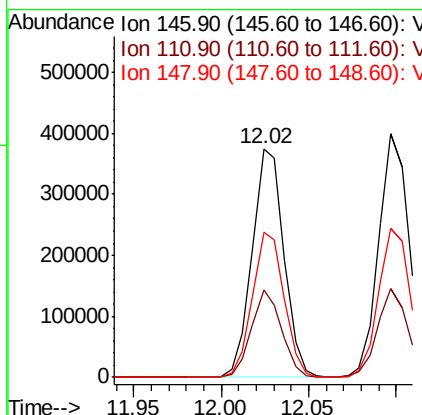
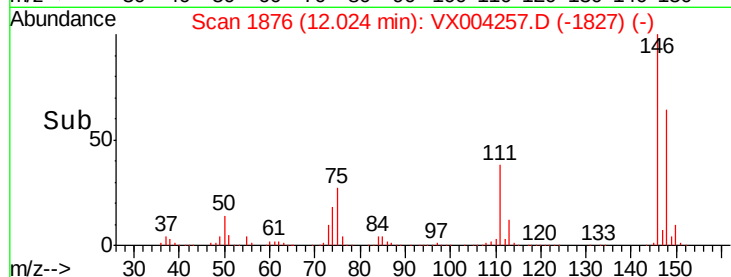
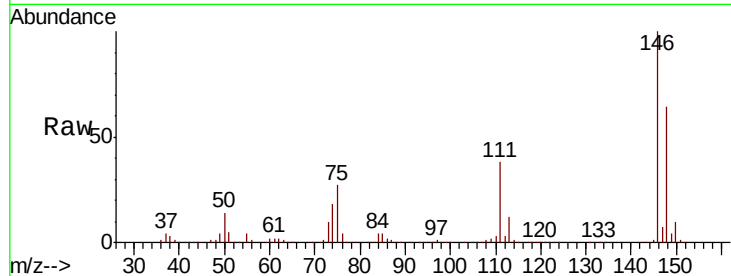




#87
 1,3-Dichlorobenzene
 Concen: 49.66 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

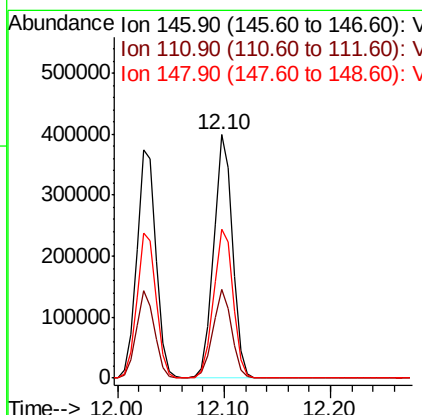
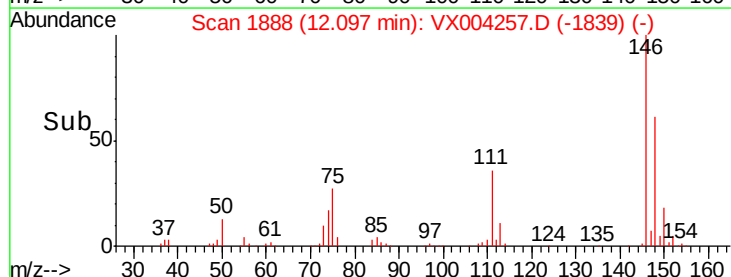
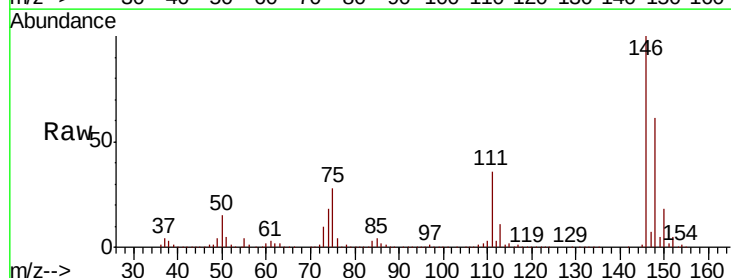
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

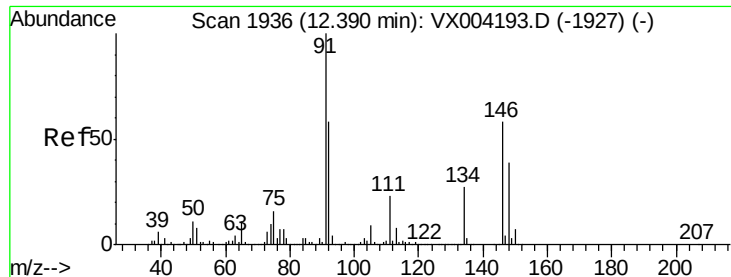
Tot Ion:146 Resp: 472545
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.7 56.1
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.12 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion:146 Resp: 482791
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 52.70 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

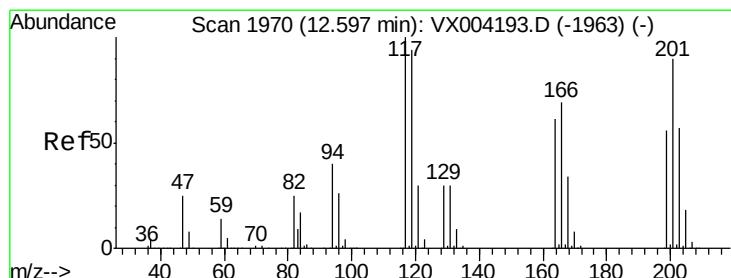
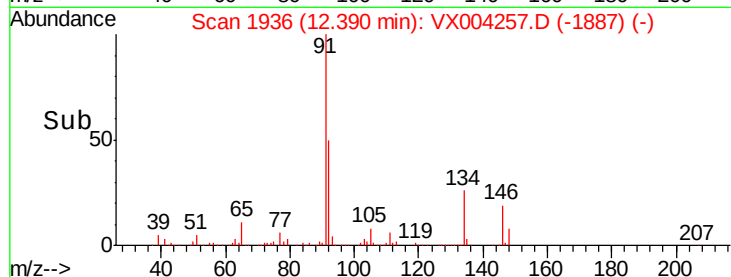
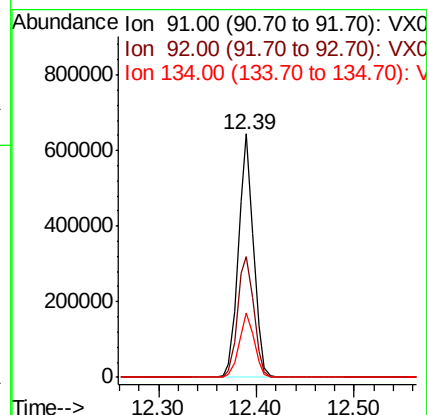
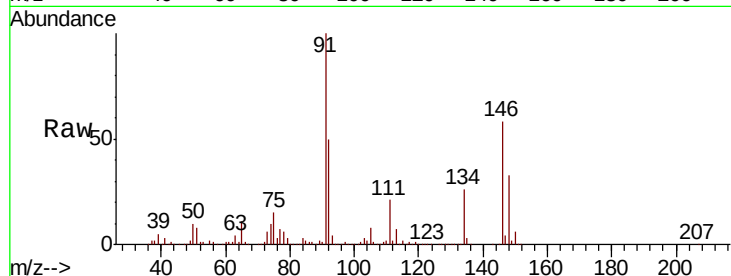
Tot Ion: 91 Resp: 684594

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.9

134 26.7 13.6 40.7



#90

Hexachloroethane

Concen: 52.02 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004257.D

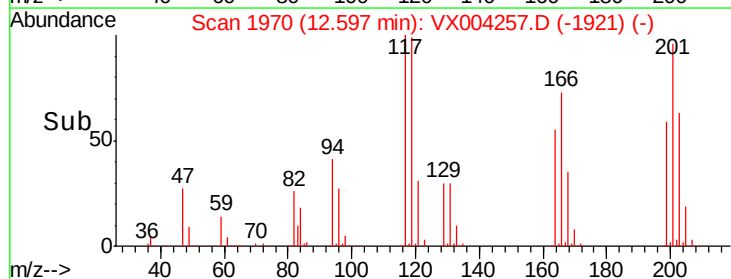
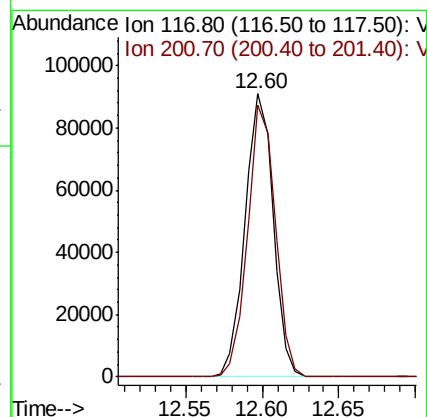
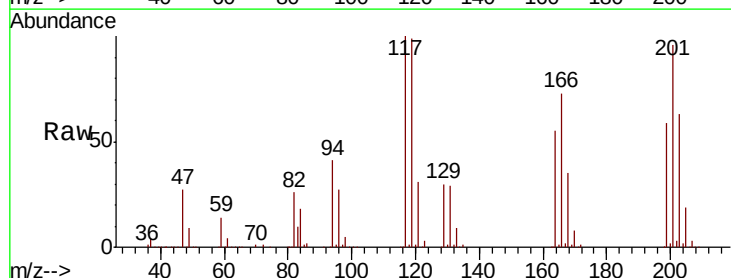
Acq: 24 Aug 2018 19:48

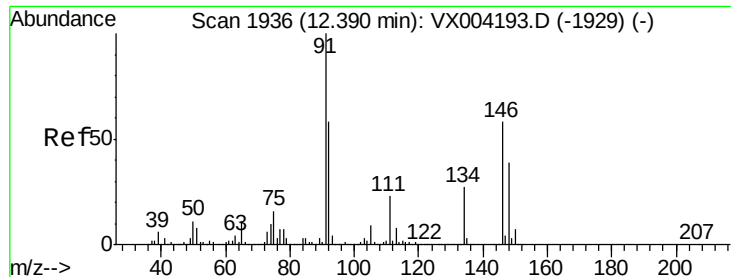
Tgt Ion: 117 Resp: 116134

Ion Ratio Lower Upper

117 100

201 94.5 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 50.53 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

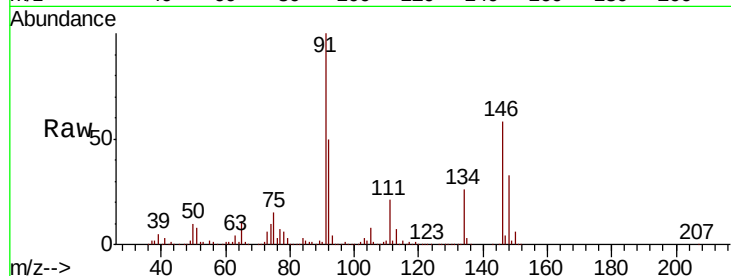
Tot Ion:146 Resp: 439516

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

148 63.9 32.8 98.3

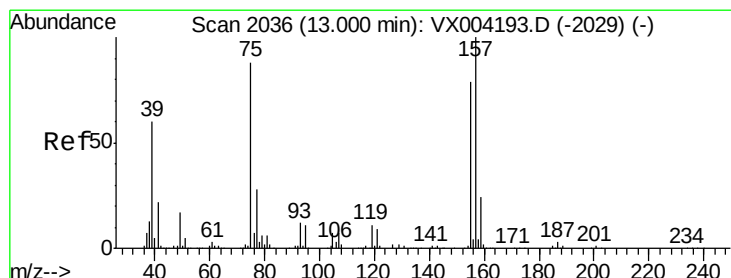
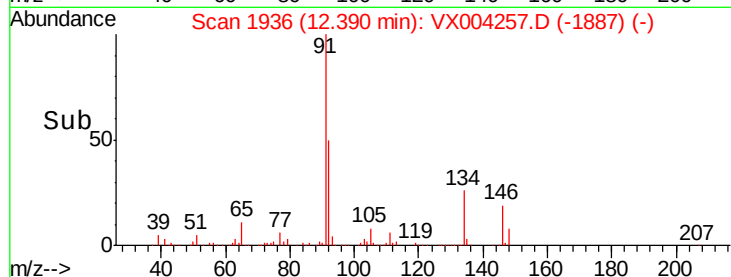
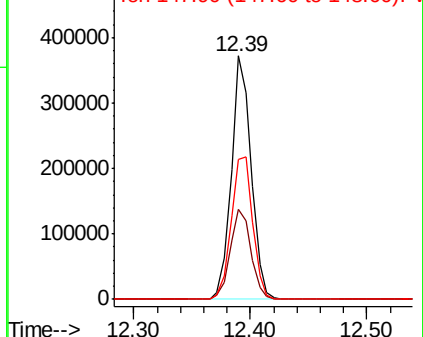


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.59 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

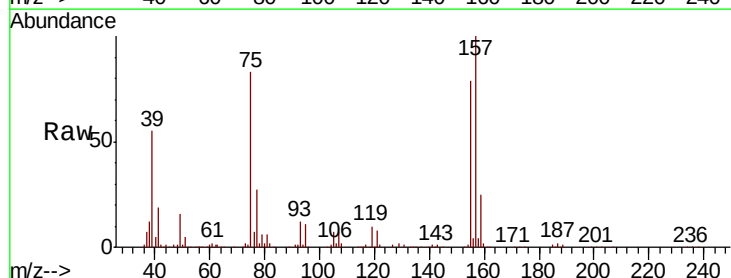
Tgt Ion: 75 Resp: 57298

Ion Ratio Lower Upper

75 100

155 104.4 48.0 144.2

157 130.3 61.4 184.1

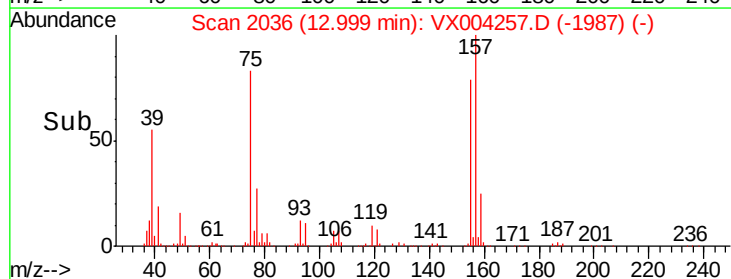
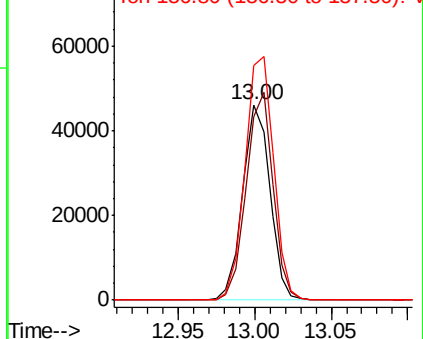


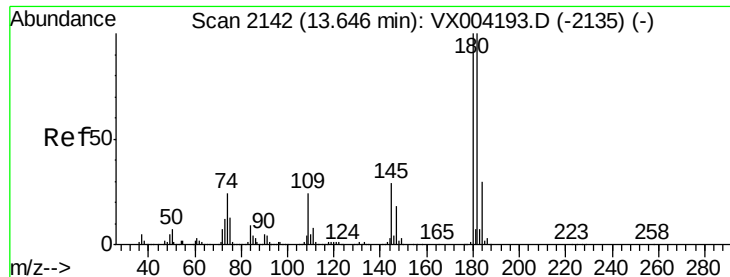
Abundance

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

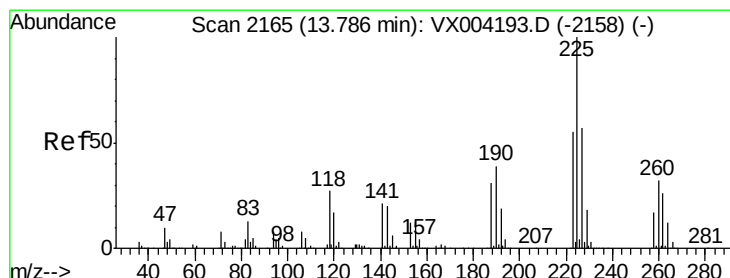
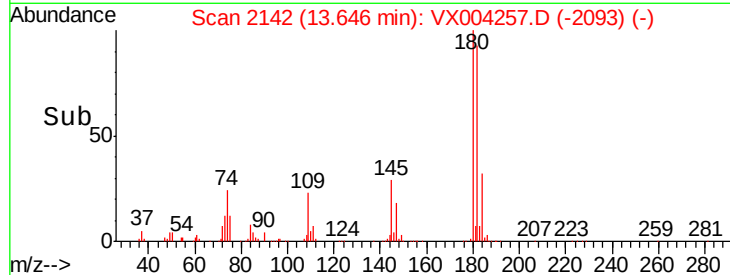
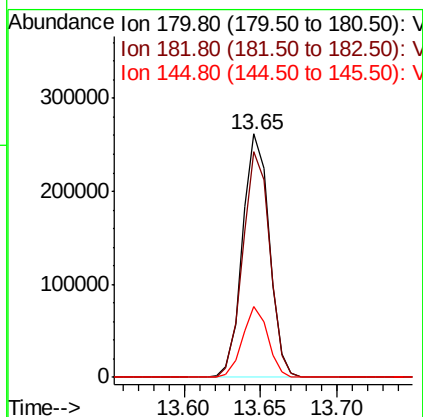
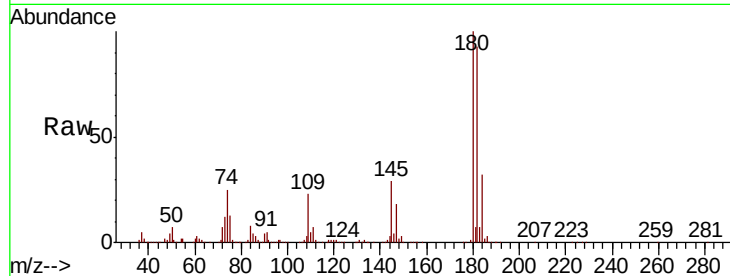




#93
 1,2,4-Trichlorobenzene
 Concen: 50.32 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

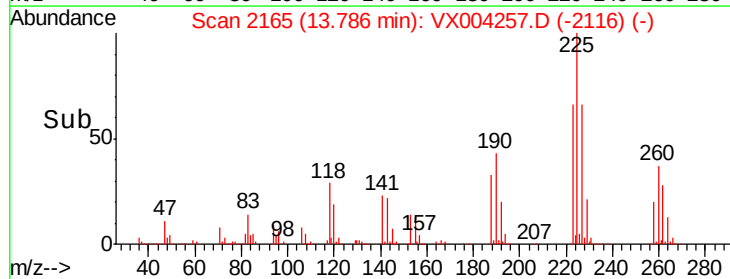
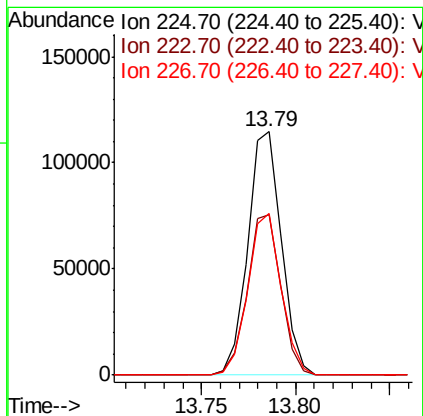
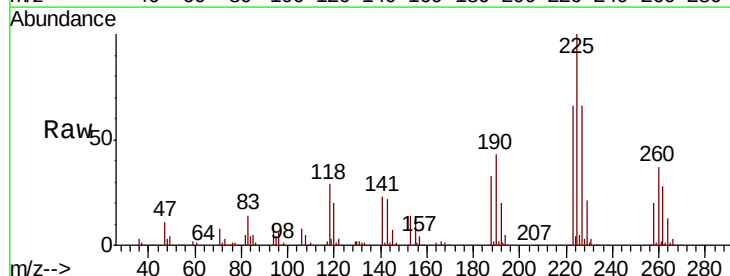
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

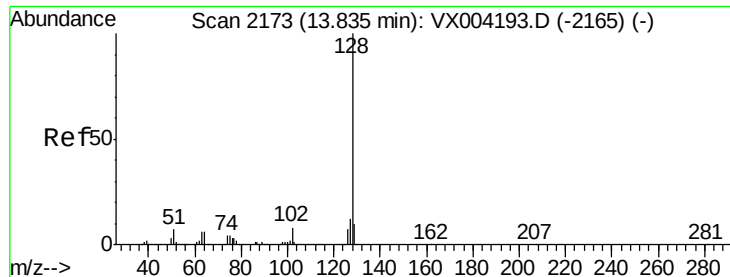
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.4	145.0
145	27.7	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 48.07 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004257.D
 Acq: 24 Aug 2018 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	30.1	90.5
227	65.9	30.8	92.4





#95

Naphthalene

Concen: 57.21 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

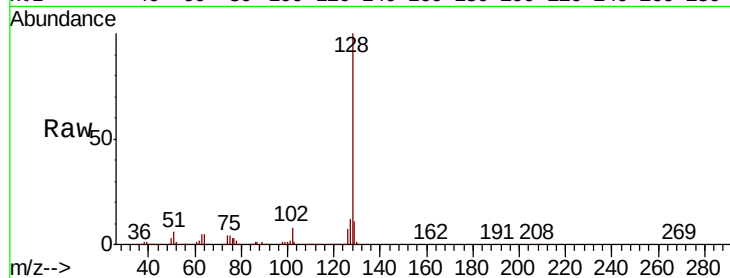
Tot Ion:128 Resp: 1023971

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.6 12.8

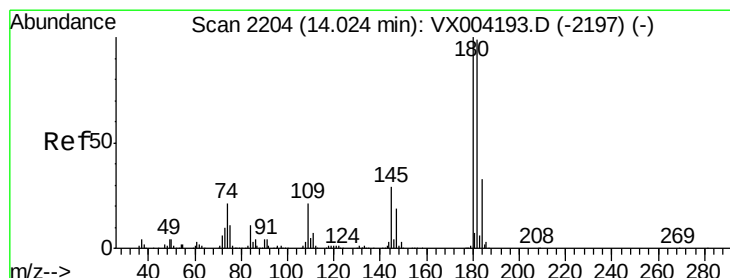
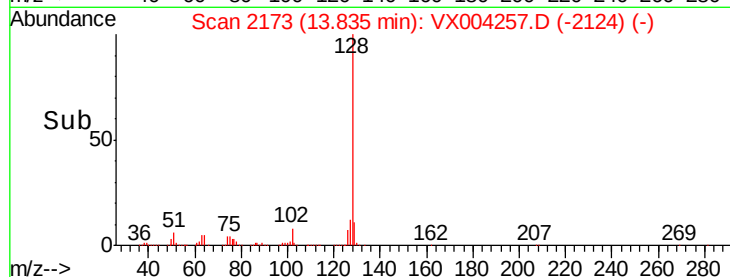
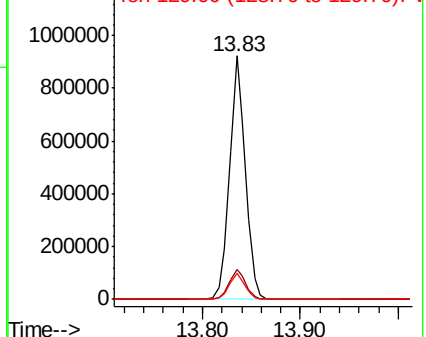


Abundance

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: 52.45 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004257.D

Acq: 24 Aug 2018 19:48

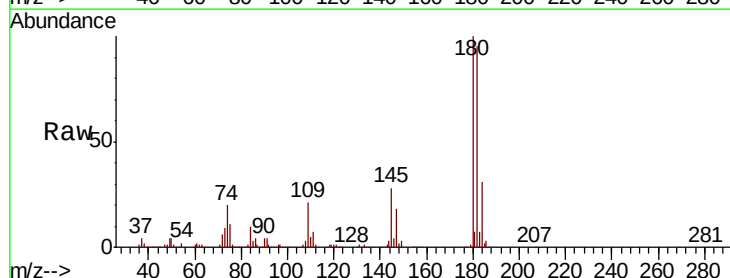
Tgt Ion:180 Resp: 351370

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 28.7 14.9 44.9



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

