

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
 Data File : VX011396.D
 Acq On : 08 Aug 2019 18:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 04:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	88301	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.49	113	76845	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	8.71	98	286694	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	110741	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	58289	44.491 ug/l	98
3) Chloromethane	1.32	50	63395	43.090 ug/l	100
4) Vinyl Chloride	1.40	62	70217	43.389 ug/l	100
5) Bromomethane	1.63	94	44249	38.338 ug/l	96
6) Chloroethane	1.71	64	47349	47.107 ug/l	97
7) Trichlorofluoromethane	1.92	101	129571	45.029 ug/l	99
8) Diethyl Ether	2.18	74	45095	43.889 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71532	45.944 ug/l	97
10) Methyl Iodide	2.50	142	92657	47.204 ug/l	98
11) Tert butyl alcohol	3.04	59	88701	260.393 ug/l	99
12) 1,1-Dichloroethene	2.36	96	69680	45.148 ug/l	91
13) Acrolein	2.29	56	45361	214.215 ug/l	99
14) Allyl chloride	2.72	41	108196	52.586 ug/l	97
15) Acrylonitrile	3.14	53	214189	263.493 ug/l	99
16) Acetone	2.43	43	190892	234.770 ug/l	98
17) Carbon Disulfide	2.56	76	160732	44.380 ug/l	100
18) Methyl Acetate	2.76	43	98177	52.836 ug/l	100
19) Methyl tert-butyl Ether	3.18	73	237387	52.194 ug/l	99
20) Methylene Chloride	2.85	84	81507	45.772 ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	76743	47.007 ug/l	92
22) Diisopropyl ether	3.85	45	230955	51.073 ug/l	99
23) Vinyl Acetate	3.81	43	1023111	272.784 ug/l	99
24) 1,1-Dichloroethane	3.69	63	132714	49.771 ug/l	98
25) 2-Butanone	4.67	43	300421	259.737 ug/l	96
26) 2,2-Dichloropropane	4.57	77	106457	51.359 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	89096	47.379 ug/l	96
28) Bromochloromethane	5.01	49	61554	50.636 ug/l	95
29) Tetrahydrofuran	5.12	42	187684	264.645 ug/l	99
30) Chloroform	5.20	83	149201	51.483 ug/l	99
31) Cyclohexane	5.57	56	102938	46.792 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	127684	51.431 ug/l	98
36) 1,1-Dichloropropene	5.79	75	102413	45.989 ug/l	99
37) Ethyl Acetate	4.82	43	113345	50.742 ug/l	98
38) Carbon Tetrachloride	5.77	117	112989	50.432 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
 Data File : VX011396.D
 Acq On : 08 Aug 2019 18:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 04:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116657	44.194	ug/l	98
40) Benzene	6.13	78	316301	47.598	ug/l	98
41) Methacrylonitrile	5.04	41	61377	50.312	ug/l	98
42) 1,2-Dichloroethane	6.19	62	116341	51.774	ug/l	98
43) Isopropyl Acetate	6.44	43	180417	50.519	ug/l	100
44) Trichloroethene	7.21	130	92177	45.826	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82239	47.785	ug/l	100
46) Dibromomethane	7.66	93	60212	47.925	ug/l	97
47) Bromodichloromethane	7.89	83	111198	52.276	ug/l	99
48) Methyl methacrylate	7.76	41	89096	53.011	ug/l	98
49) 1,4-Dioxane	7.73	88	44014	903.319	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	618692	268.440	ug/l	99
52) Toluene	8.78	92	210033	47.804	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119087	48.182	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129437	52.092	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91700	50.762	ug/l	99
56) Ethyl methacrylate	9.18	69	134878	52.393	ug/l	97
57) 1,3-Dichloropropane	9.37	76	140974	49.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	319912	252.739	ug/l	100
59) 2-Hexanone	9.49	43	476154	266.724	ug/l	98
60) Dibromochloromethane	9.58	129	96969	52.430	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96853	49.624	ug/l	99
64) Tetrachloroethene	9.34	164	91541	45.093	ug/l	96
65) Chlorobenzene	10.13	112	243358	47.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90190	51.399	ug/l	99
67) Ethyl Benzene	10.25	91	420789	49.021	ug/l	99
68) m/p-Xylenes	10.35	106	324539	97.747	ug/l	98
69) o-Xylene	10.69	106	157200	48.188	ug/l	98
70) Styrene	10.71	104	270383	50.091	ug/l	98
71) Bromoform	10.85	173	73755	47.179	ug/l #	99
73) Isopropylbenzene	11.02	105	427209	48.324	ug/l	99
74) N-amyl acetate	10.90	43	169226	52.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	141577	48.055	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157627	66.961	ug/l	84
77) Bromobenzene	11.26	156	114287	46.620	ug/l	95
78) n-propylbenzene	11.36	91	486358	49.470	ug/l	98
79) 2-Chlorotoluene	11.42	91	283951	48.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	364889	49.306	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42391	48.260	ug/l	99
82) 4-Chlorotoluene	11.51	91	335810	49.173	ug/l	98
83) tert-Butylbenzene	11.77	119	357935	49.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	366825	49.785	ug/l	99
85) sec-Butylbenzene	11.94	105	421109	48.290	ug/l	100
86) p-Isopropyltoluene	12.06	119	395891	49.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207591	47.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207936	46.555	ug/l	99
89) n-Butylbenzene	12.38	91	335994	48.612	ug/l	99
90) Hexachloroethane	12.59	117	61191	51.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205013	47.106	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30839	54.029	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011396.D
Acq On : 08 Aug 2019 18:17
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

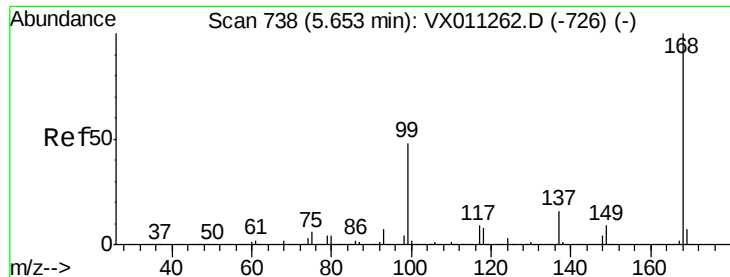
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 09 04:26:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139028	48.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	68770	46.962	ug/l	99
95) Naphthalene	13.83	128	439054	52.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141677	48.283	ug/l	99

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

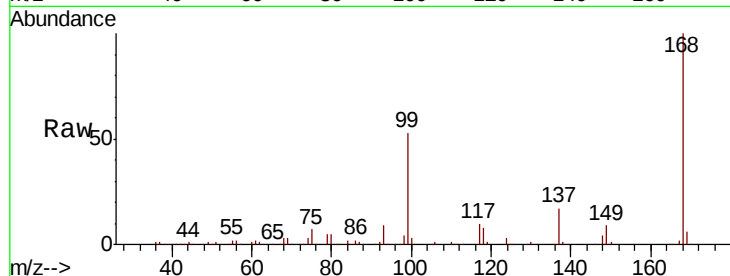
VSTDCCC050EC

Tgt Ion:168 Resp: 169630

Ion Ratio Lower Upper

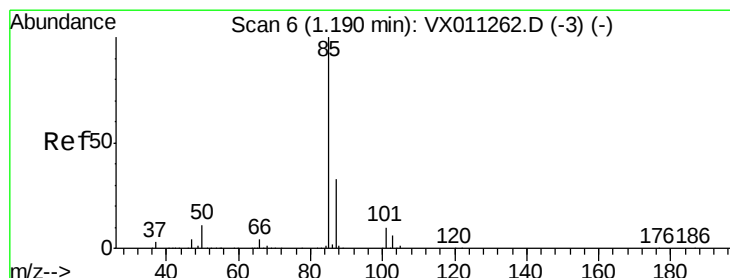
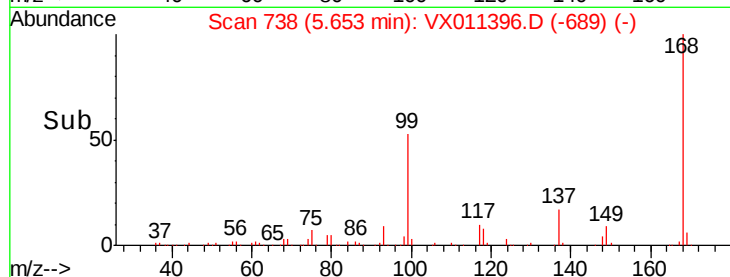
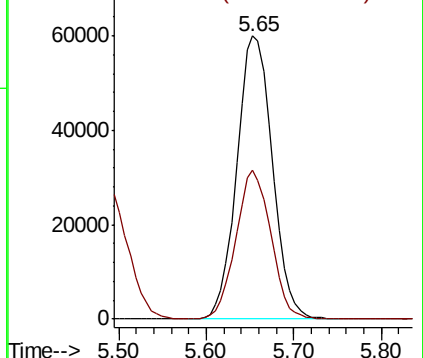
168 100

99 52.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.491 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011396.D

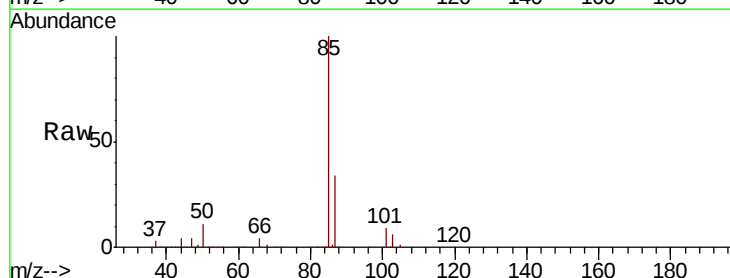
Acq: 08 Aug 2019 18:17

Tgt Ion: 85 Resp: 58289

Ion Ratio Lower Upper

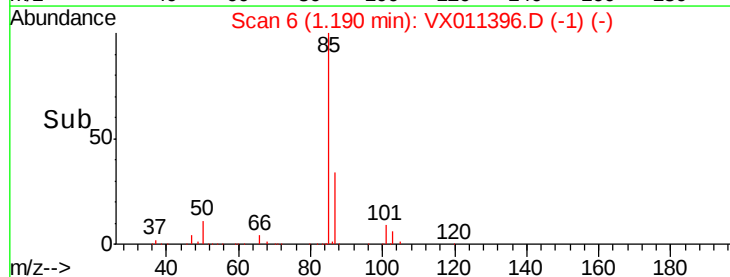
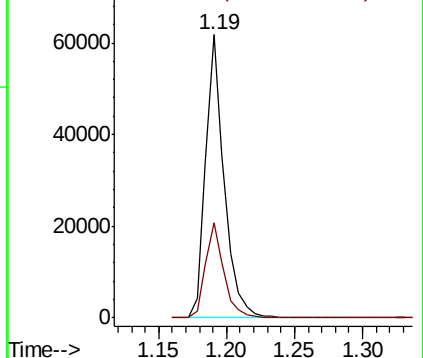
85 100

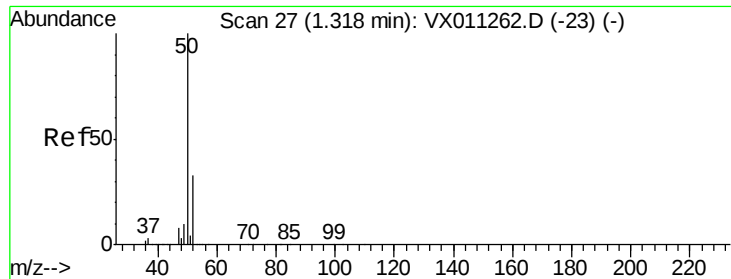
87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.090 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

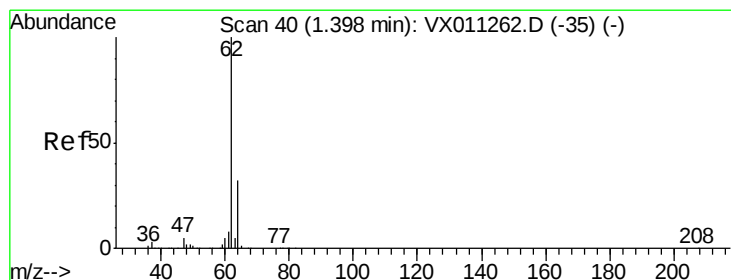
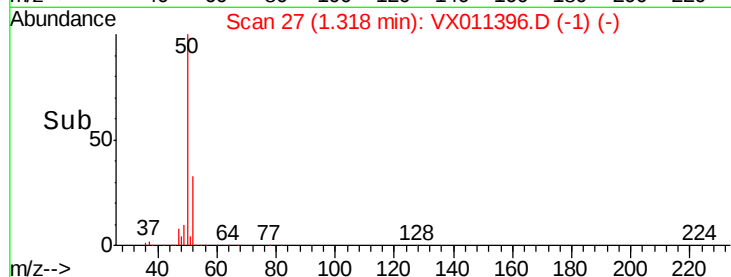
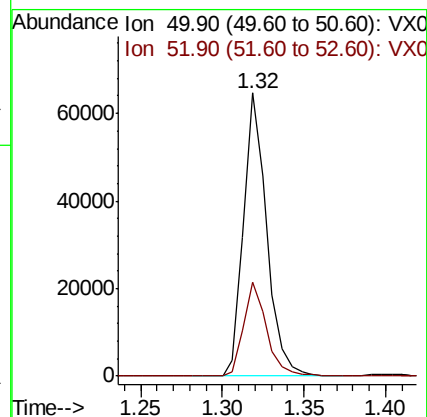
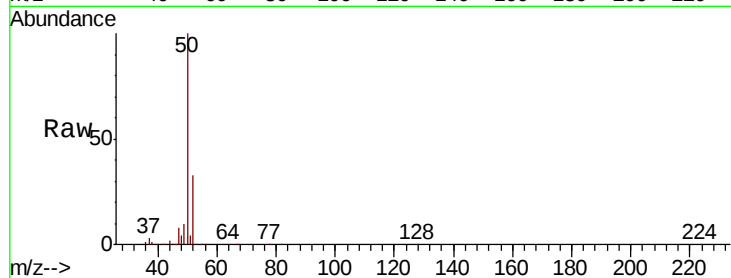
VSTDCCC050EC

Tgt Ion: 50 Resp: 63395

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



#4

Vinyl Chloride

Concen: 43.389 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011396.D

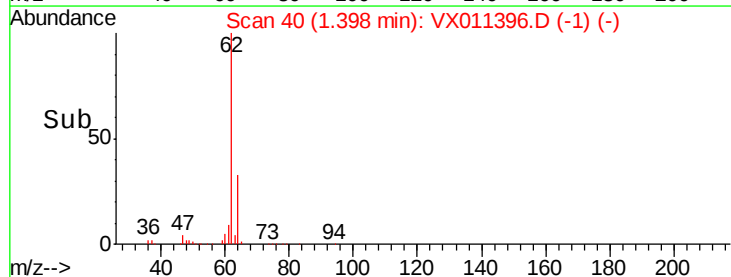
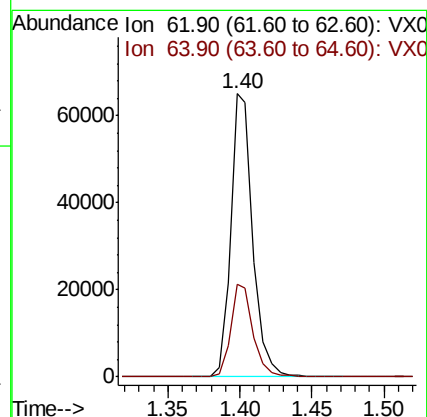
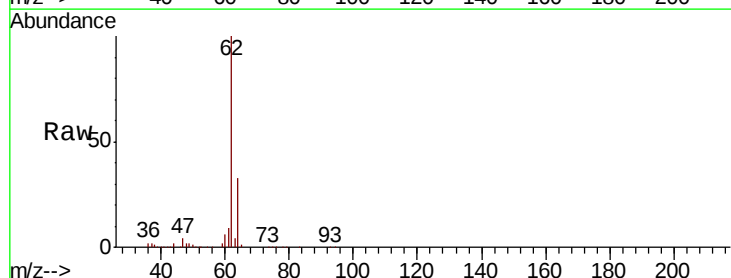
Acq: 08 Aug 2019 18:17

Tgt Ion: 62 Resp: 70217

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 38.338 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

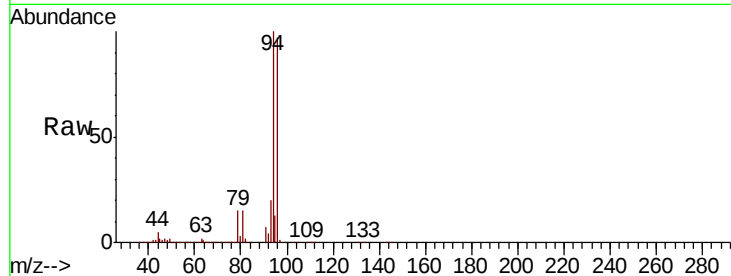
VSTDCCC050EC

Tgt Ion: 94 Resp: 44249

Ion Ratio Lower Upper

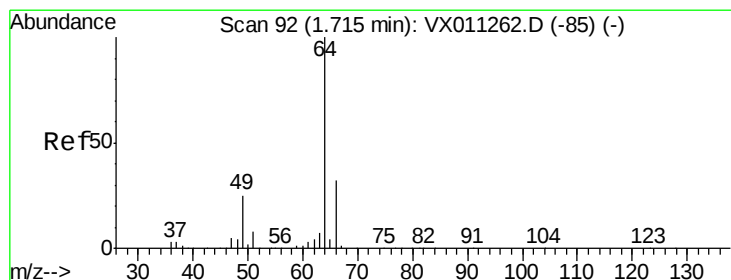
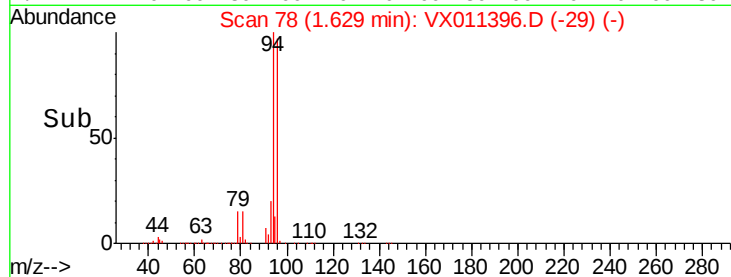
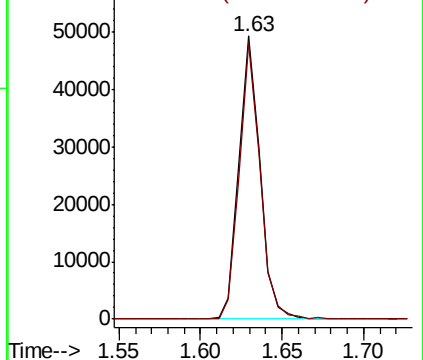
94 100

96 97.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.107 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011396.D

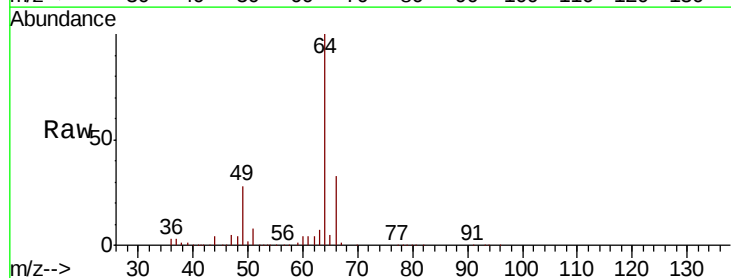
Acq: 08 Aug 2019 18:17

Tgt Ion: 64 Resp: 47349

Ion Ratio Lower Upper

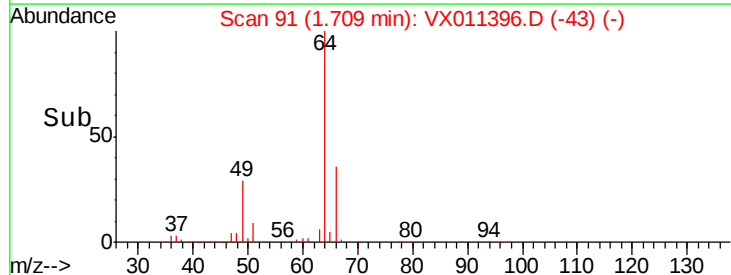
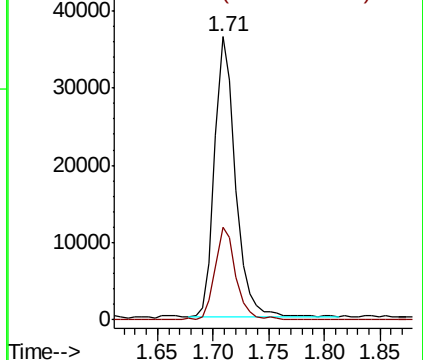
64 100

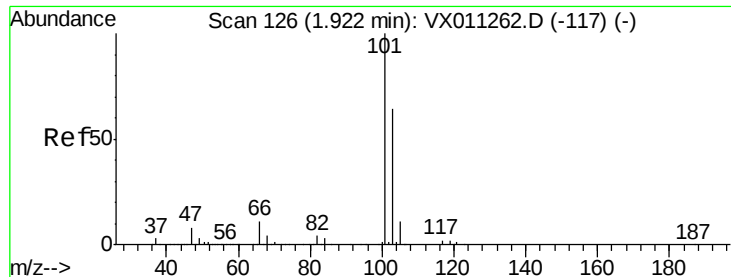
66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



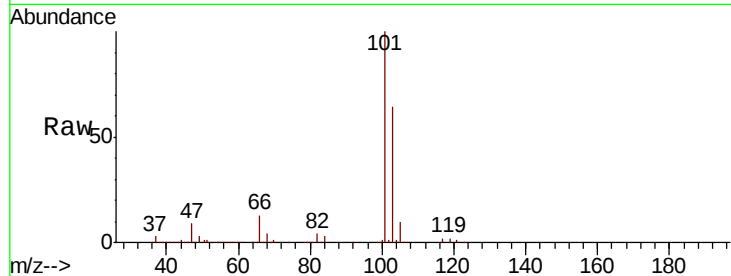


#7

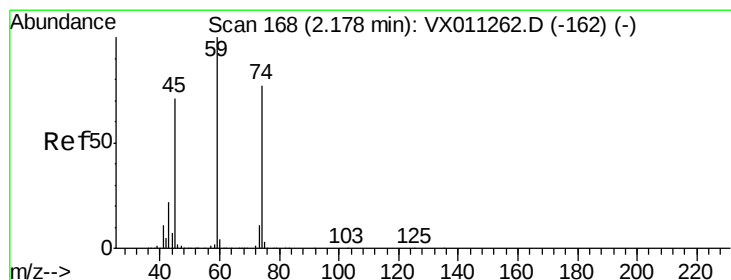
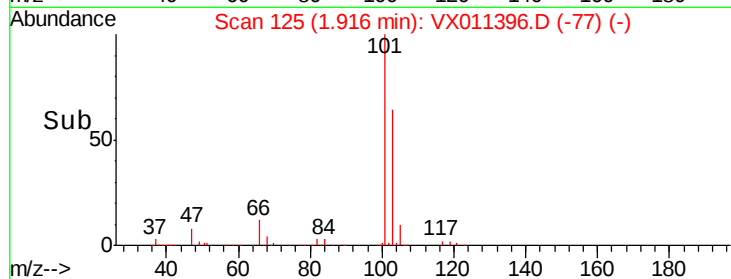
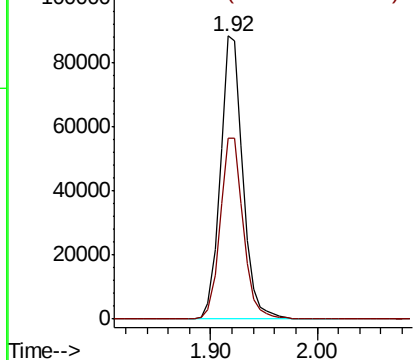
Trichlorofluoromethane
 Concen: 45.029 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 129571
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3



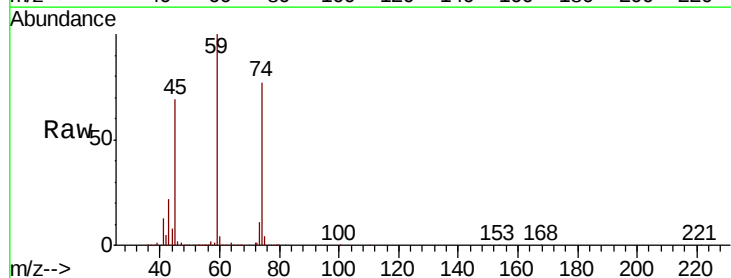
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



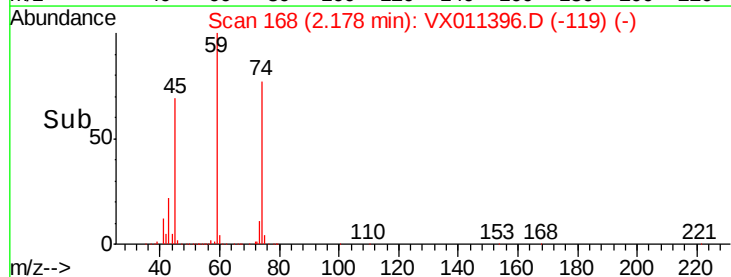
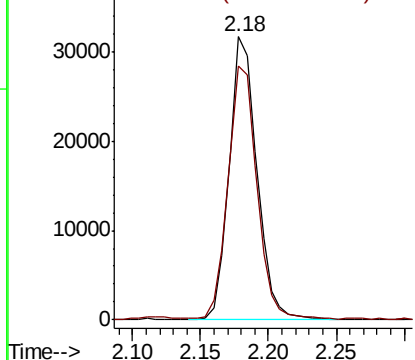
#8

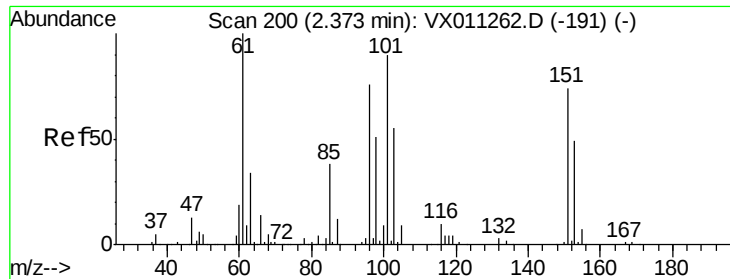
Diethyl Ether
 Concen: 43.889 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 74 Resp: 45095
 Ion Ratio Lower Upper
 74 100
 45 92.6 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.944 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

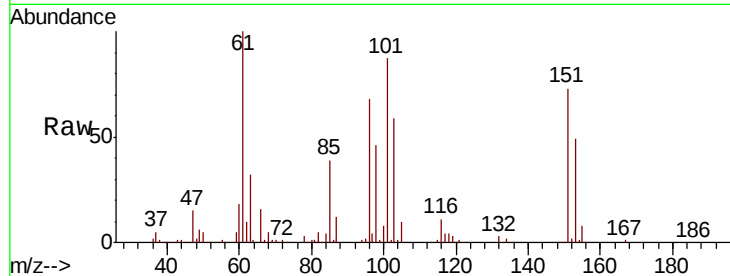
Tgt Ion:101 Resp: 71532

Ion Ratio Lower Upper

101 100

85 44.2 33.8 50.6

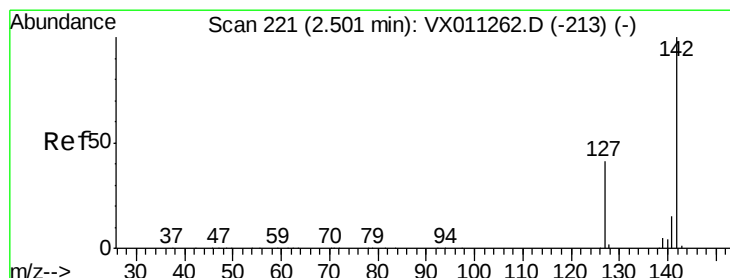
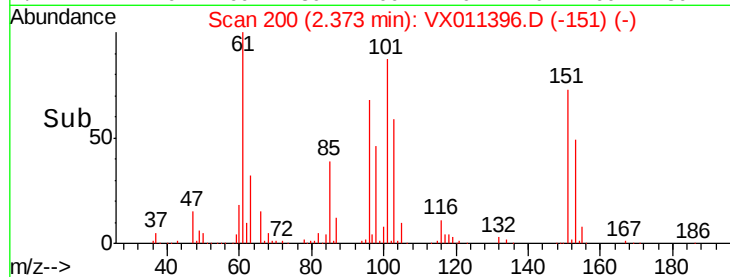
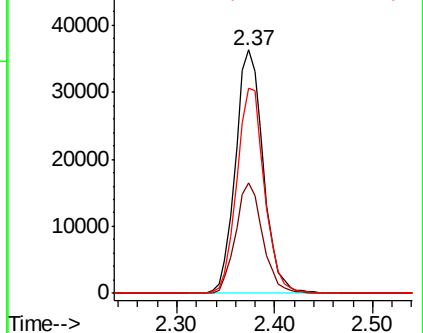
151 84.2 69.5 104.3



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: 47.204 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

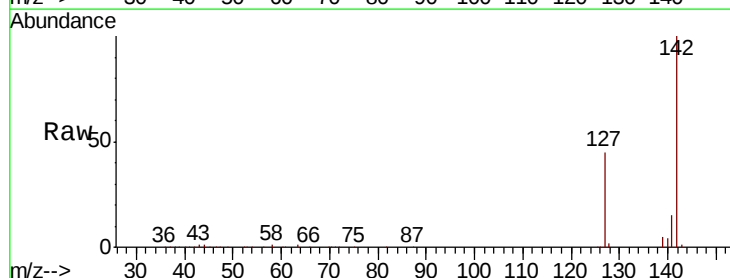
Tgt Ion:142 Resp: 92657

Ion Ratio Lower Upper

142 100

127 44.2 33.8 50.8

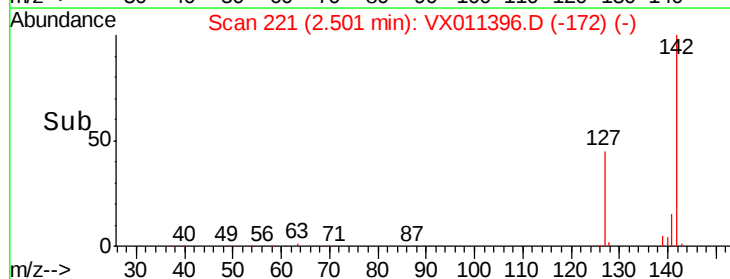
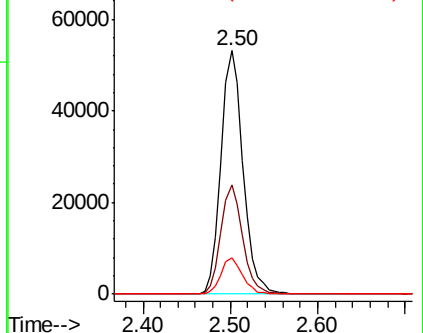
141 14.5 11.4 17.2

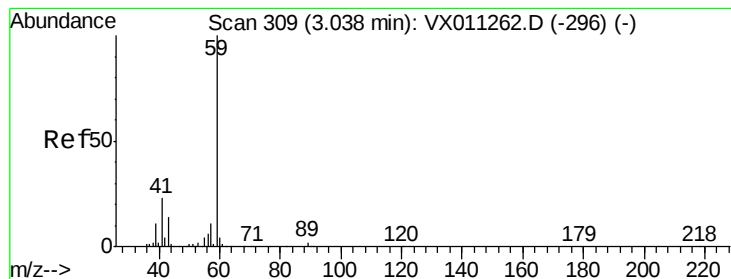


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



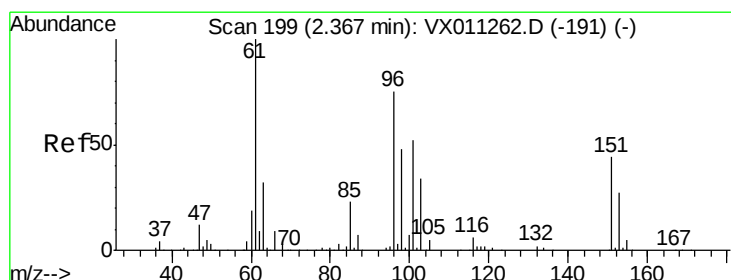
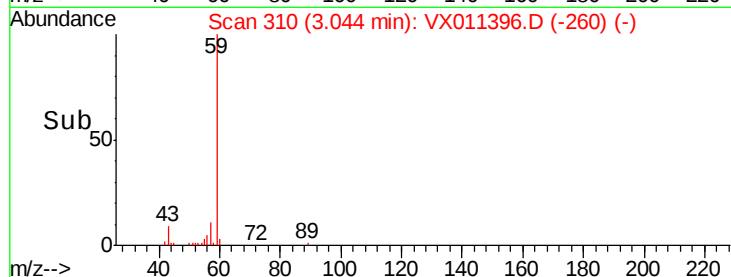
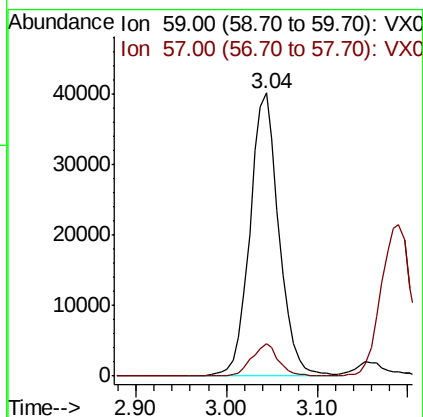
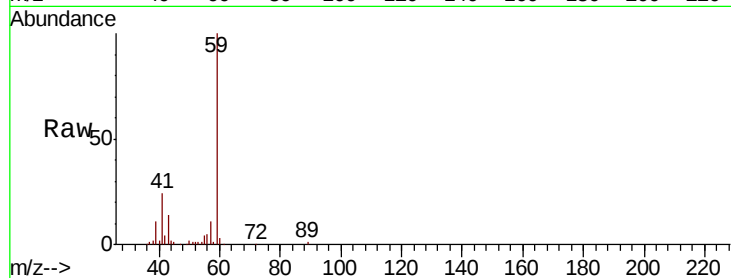


#11

Tert butyl alcohol
 Concen: 260.393 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

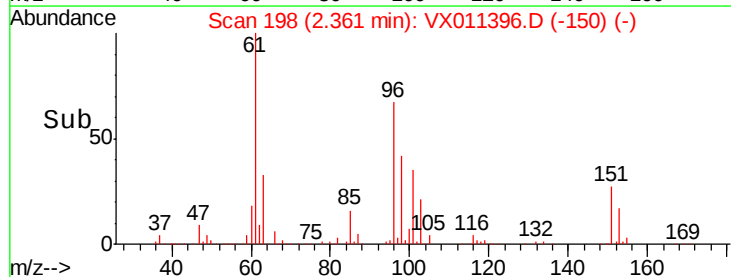
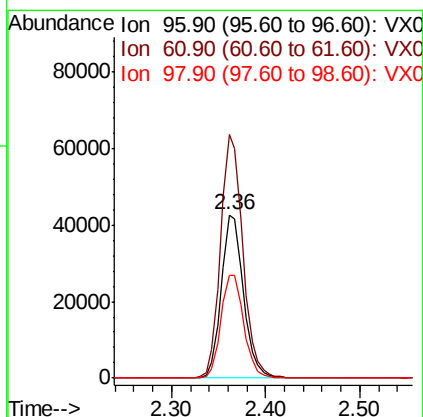
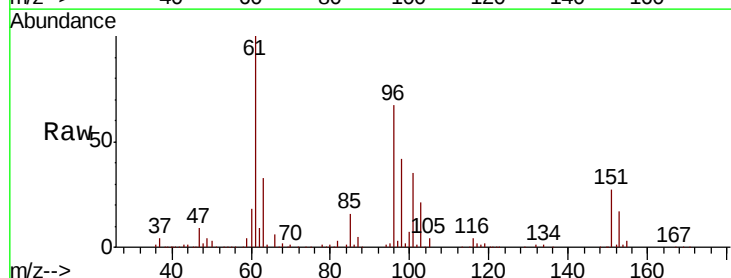
Tgt Ion: 59 Resp: 88701
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

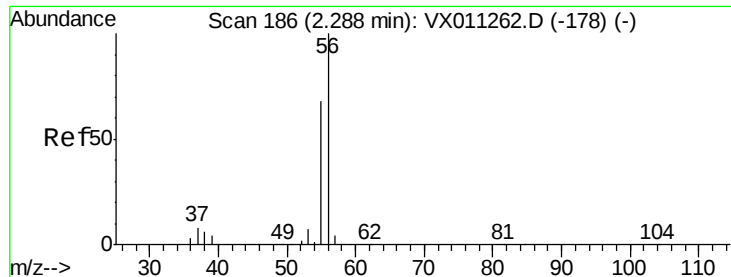


#12

1,1-Dichloroethene
 Concen: 45.148 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 96 Resp: 69680
 Ion Ratio Lower Upper
 96 100
 61 149.0 106.2 159.2
 98 63.0 50.6 75.8

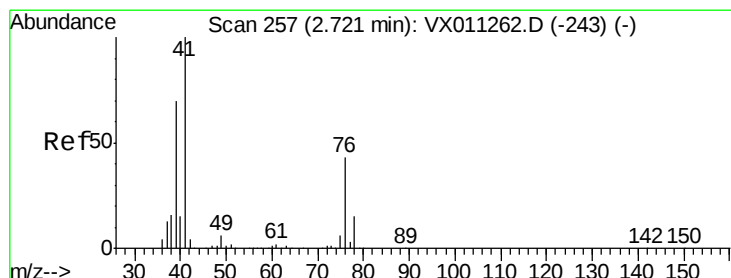
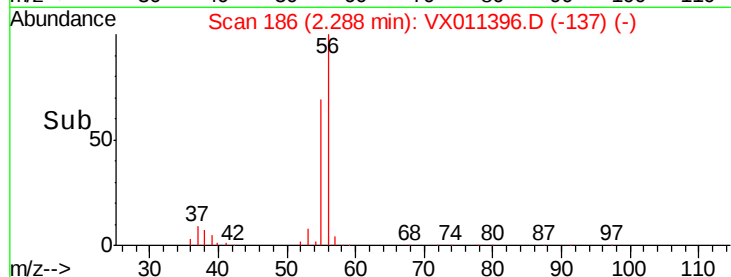
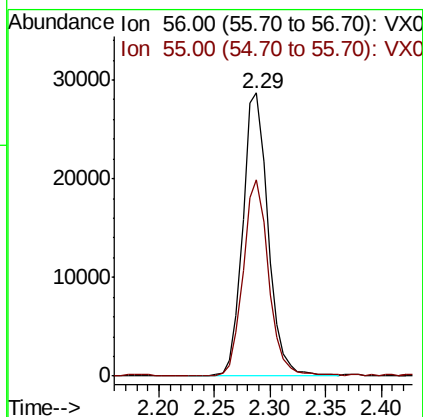
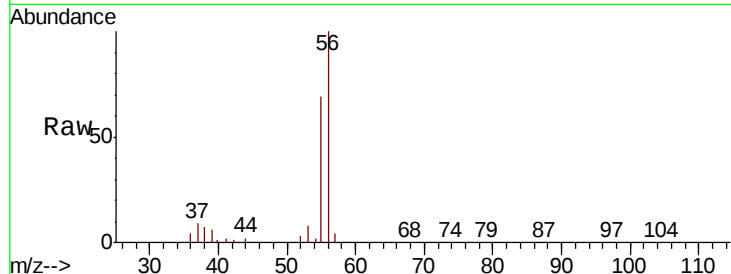




#13
 Acrolein
 Concen: 214.215 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

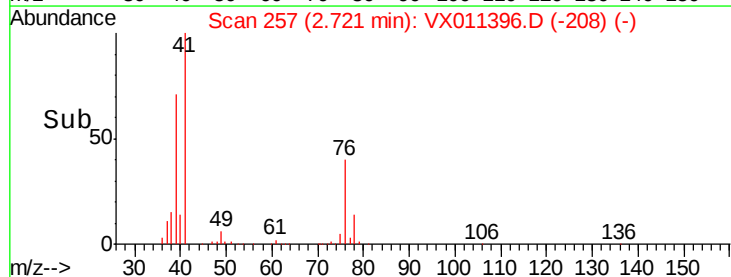
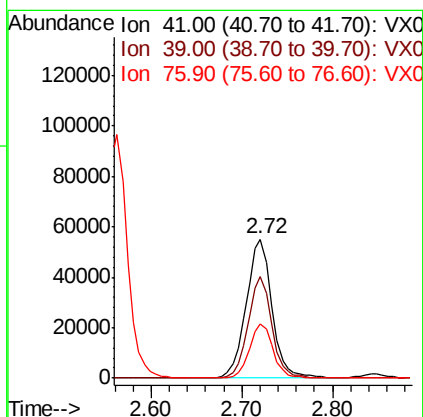
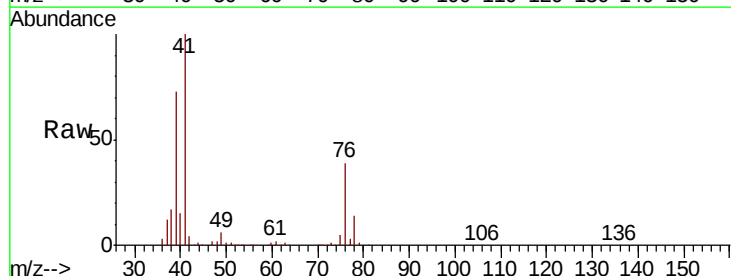
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 56 Resp: 45361
 Ion Ratio Lower Upper
 56 100
 55 69.1 56.0 84.0



#14
 Allyl chloride
 Concen: 52.586 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 41 Resp: 108196
 Ion Ratio Lower Upper
 41 100
 39 66.9 52.8 79.2
 76 35.4 31.1 46.7





#15

Acrylonitrile

Concen: 263.493 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

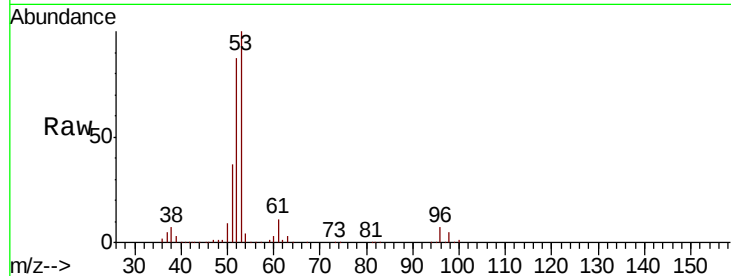
Tgt Ion: 53 Resp: 214189

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

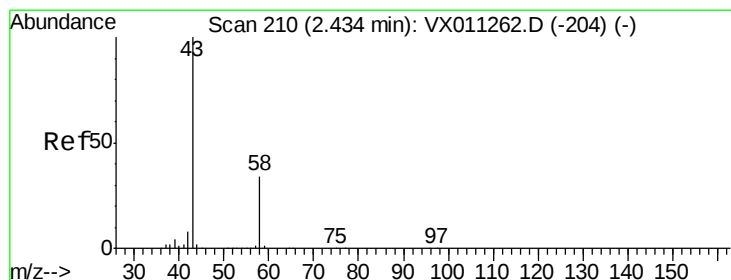
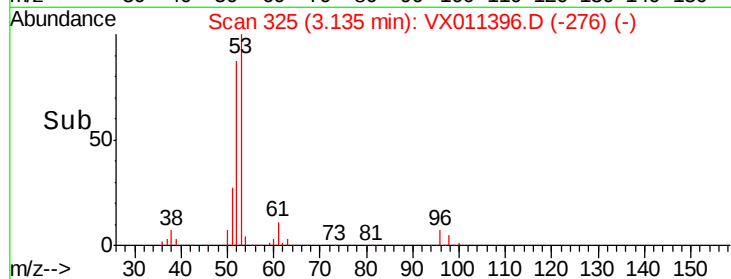
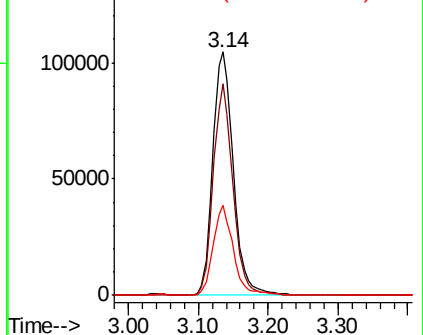
51 36.2 27.9 41.9



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: 234.770 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011396.D

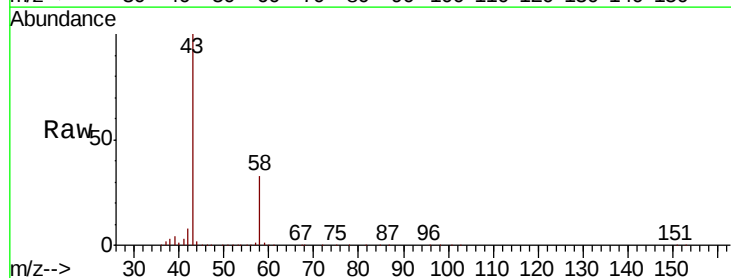
Acq: 08 Aug 2019 18:17

Tgt Ion: 43 Resp: 190892

Ion Ratio Lower Upper

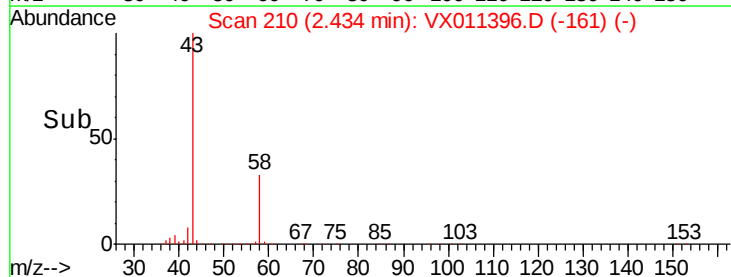
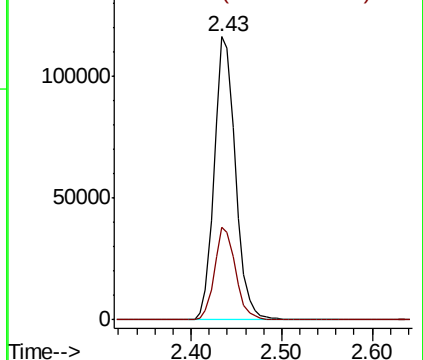
43 100

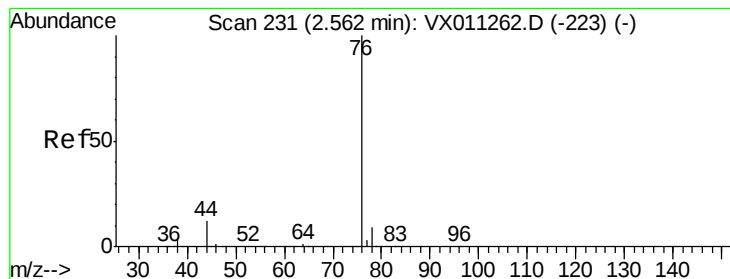
58 32.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.380 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

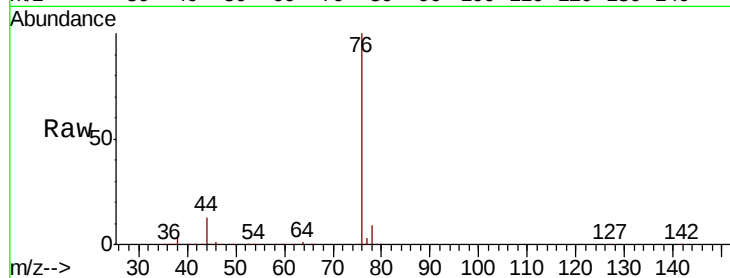
VSTDCCC050EC

Tgt Ion: 76 Resp: 160732

Ion Ratio Lower Upper

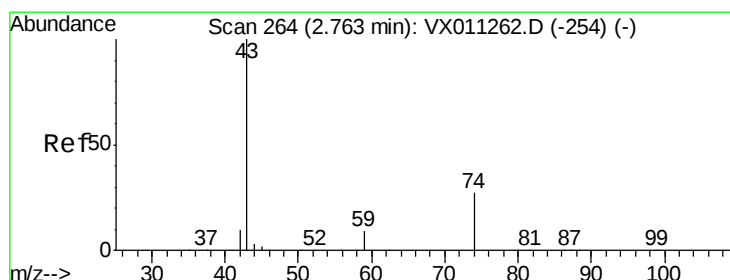
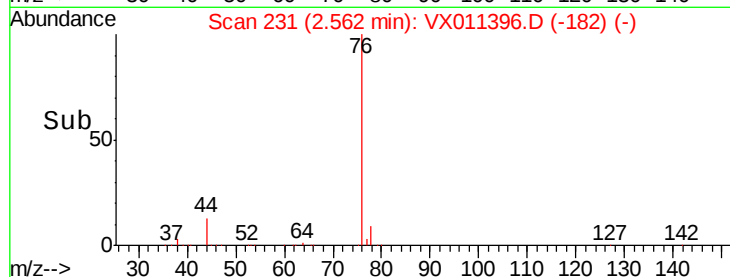
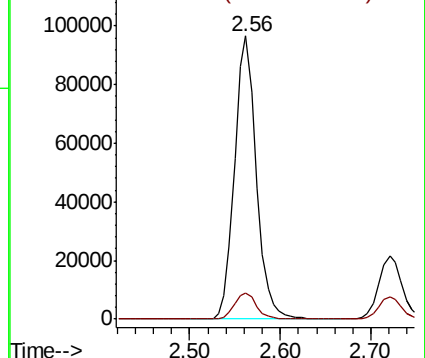
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.836 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011396.D

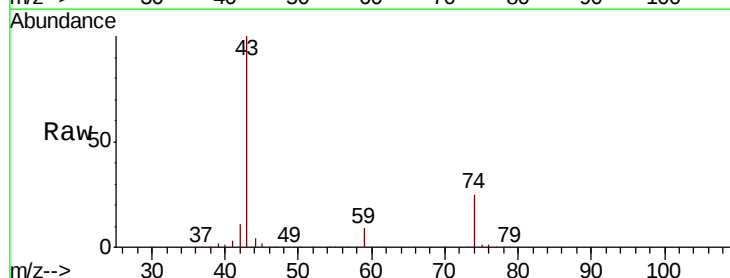
Acq: 08 Aug 2019 18:17

Tgt Ion: 43 Resp: 98177

Ion Ratio Lower Upper

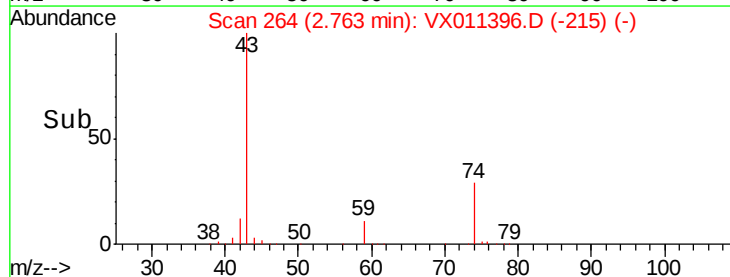
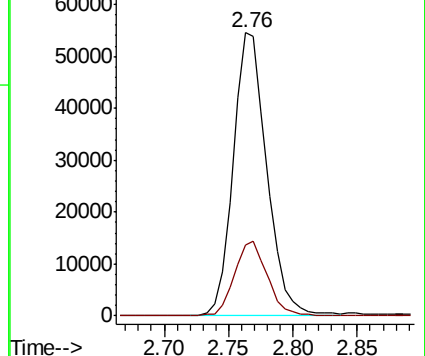
43 100

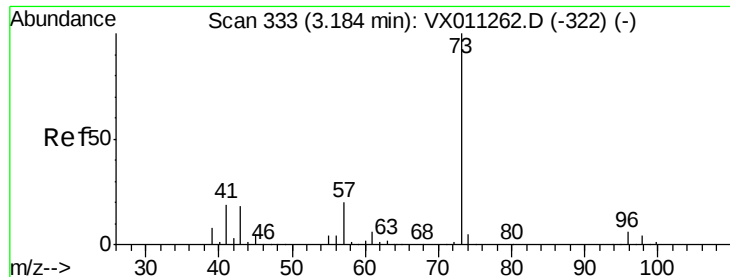
74 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



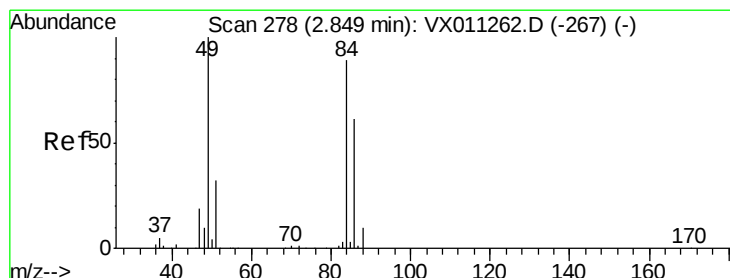
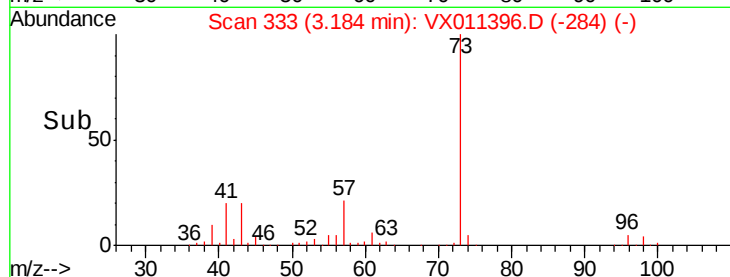
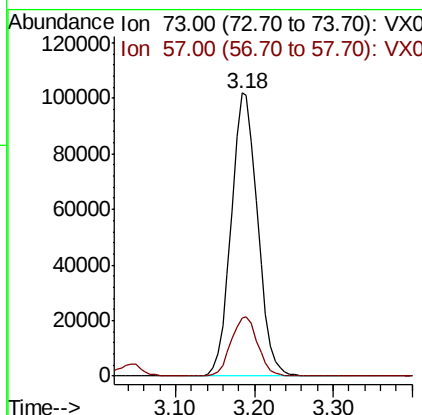
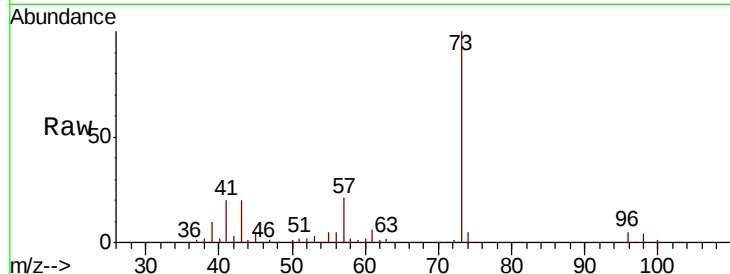


#19

Methyl tert-butyl Ether
 Concen: 52.194 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

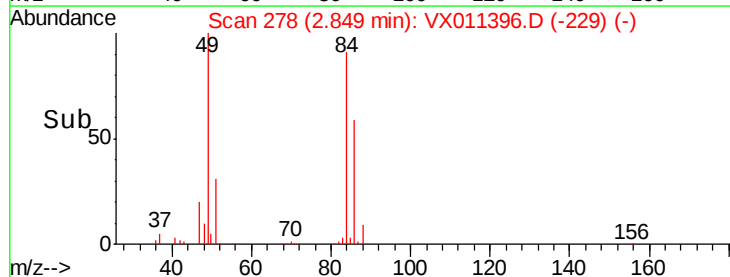
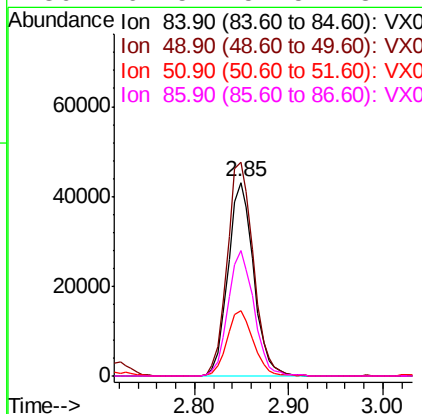
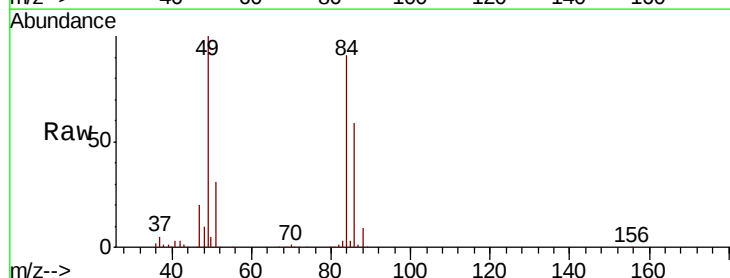
Tgt Ion: 73 Resp: 237387
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.2 24.2

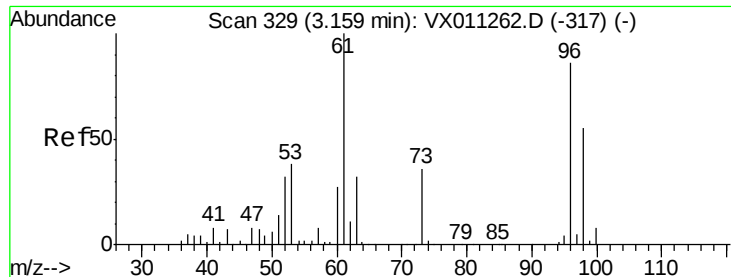


#20

Methylene Chloride
 Concen: 45.772 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 84 Resp: 81507
 Ion Ratio Lower Upper
 84 100
 49 110.0 89.3 133.9
 51 33.8 28.3 42.5
 86 64.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.007 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

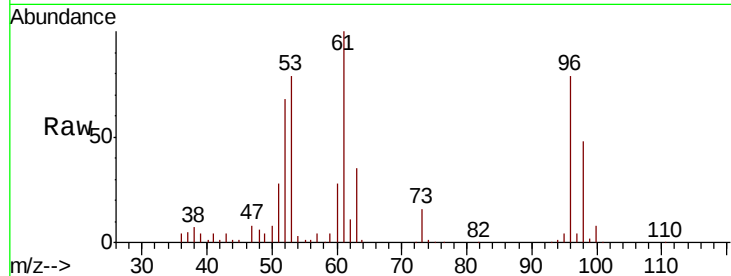
Tgt Ion: 96 Resp: 76743

Ion Ratio Lower Upper

96 100

61 127.0 92.8 139.2

98 61.6 51.2 76.8

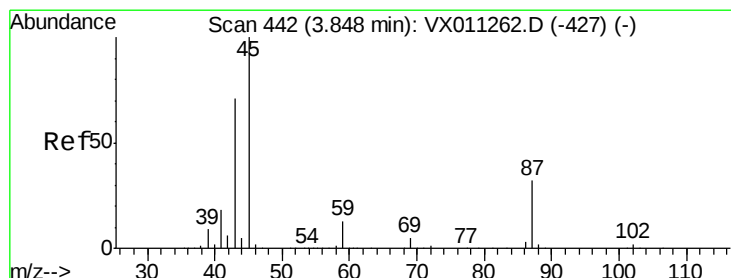
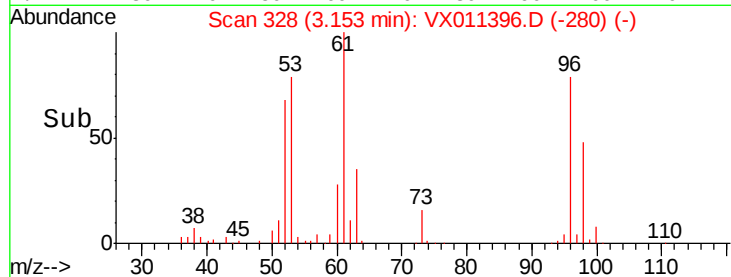
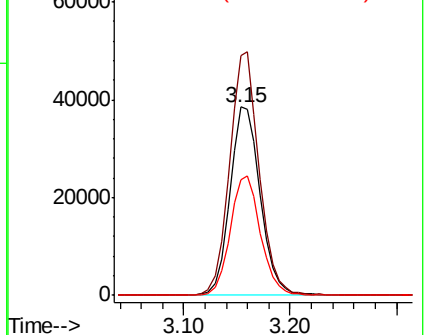


Abundance

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: 51.073 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion: 45 Resp: 230955

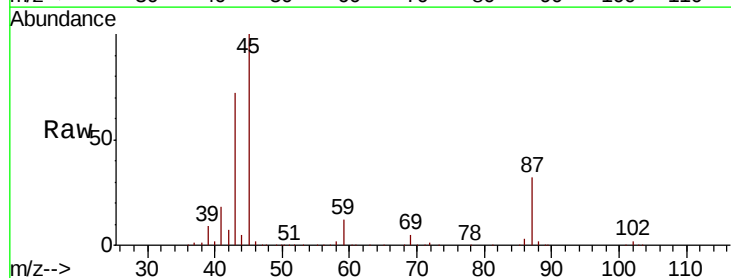
Ion Ratio Lower Upper

45 100

43 71.7 56.8 85.2

87 31.6 25.8 38.6

59 11.9 10.3 15.5



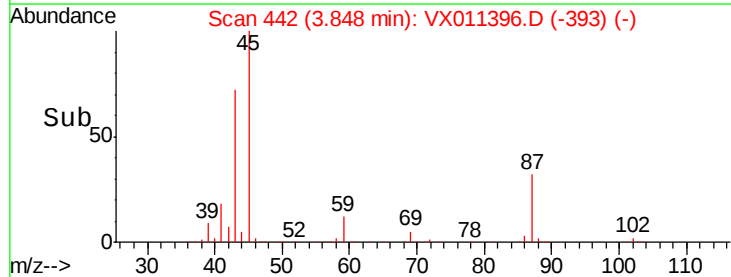
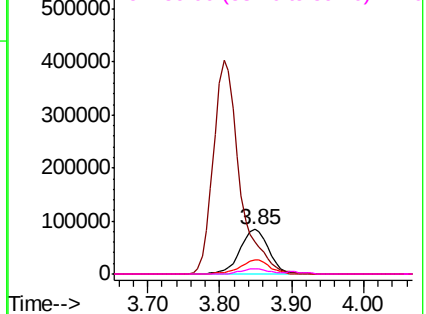
Abundance

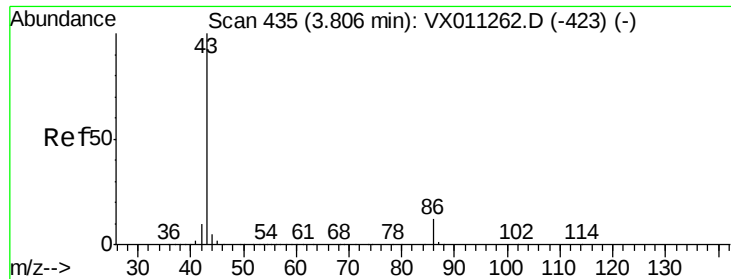
Ion 45.00 (44.70 to 45.70): VX0

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: 272.784 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

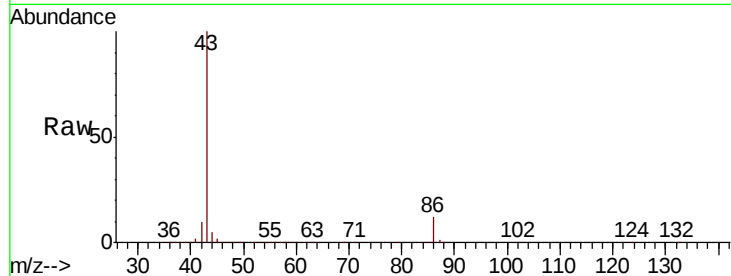
VSTDCCC050EC

Tgt Ion: 43 Resp: 1023111

Ion Ratio Lower Upper

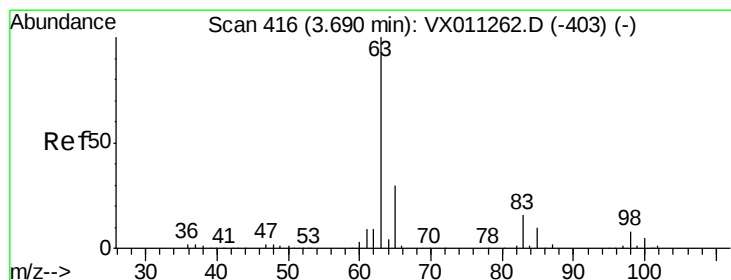
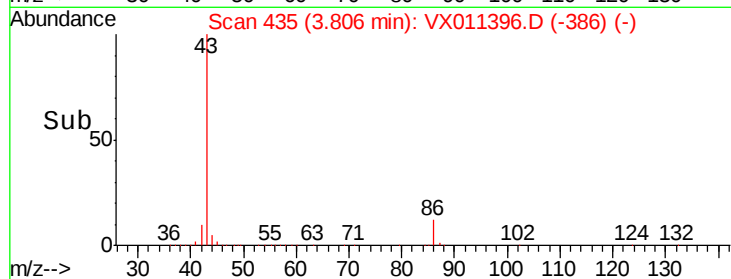
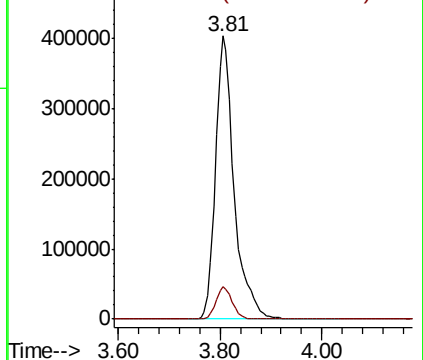
43 100

86 11.7 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.771 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

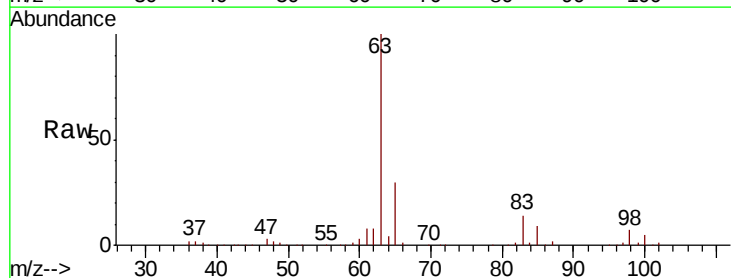
Tgt Ion: 63 Resp: 132714

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

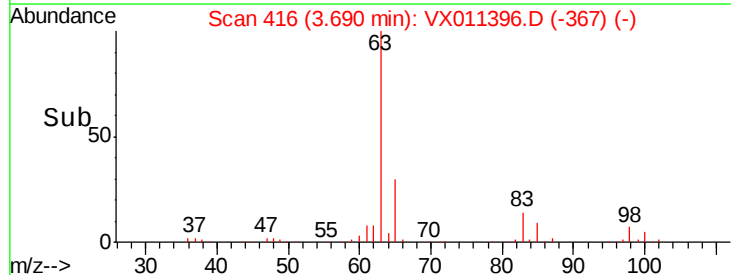
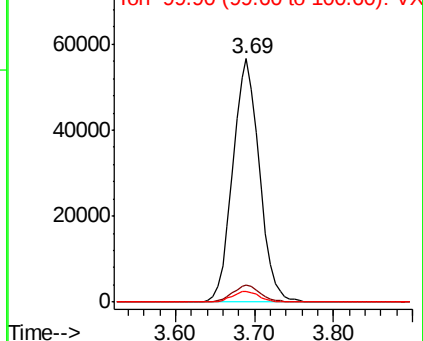
100 4.6 2.7 8.1

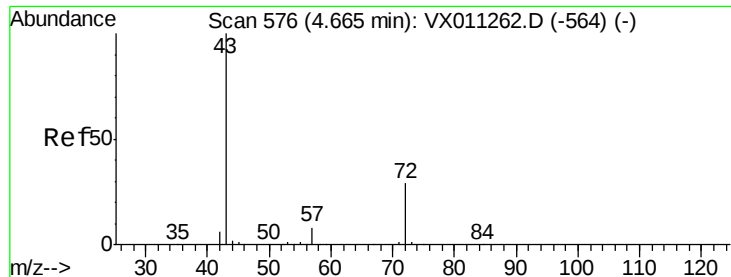


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.737 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

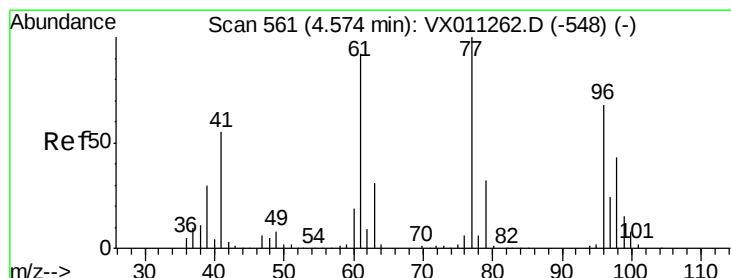
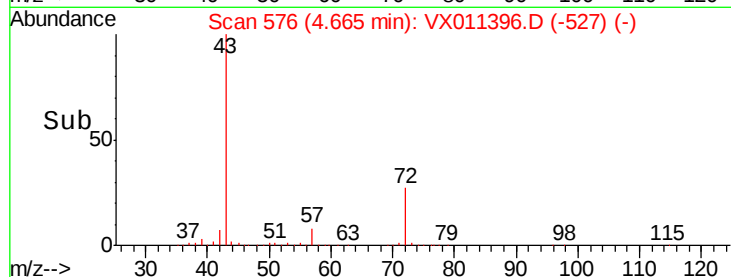
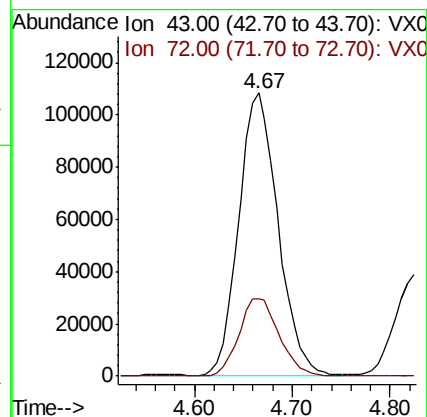
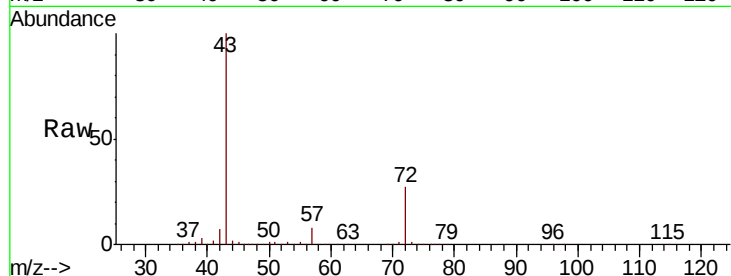
VSTDCCC050EC

Tgt Ion: 43 Resp: 300421

Ion Ratio Lower Upper

43 100

72 26.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 51.359 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011396.D

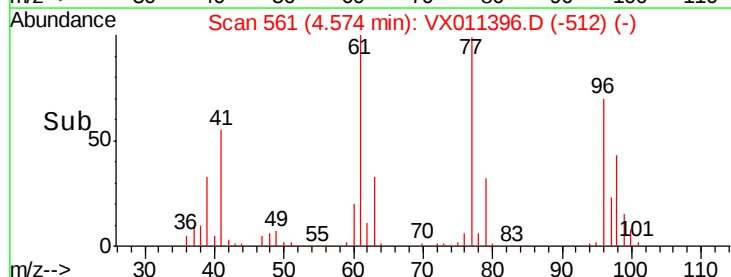
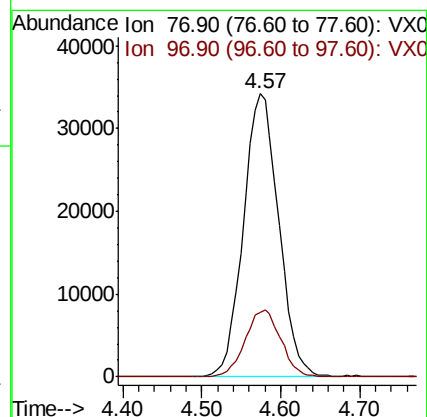
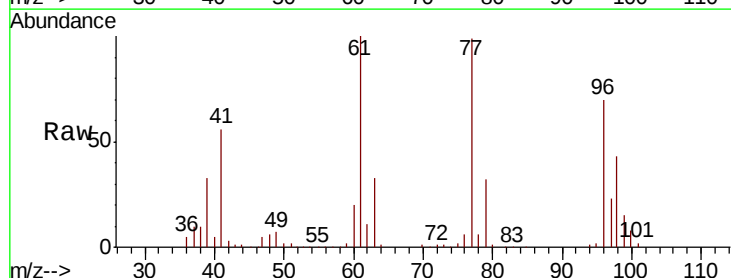
Acq: 08 Aug 2019 18:17

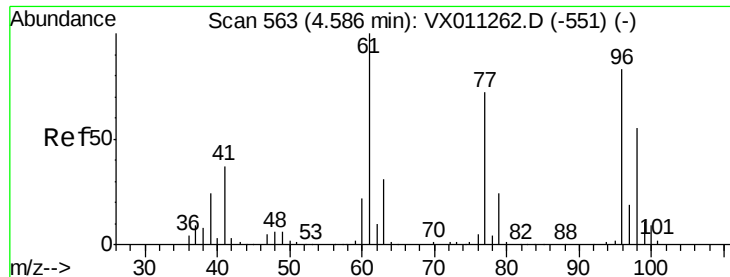
Tgt Ion: 77 Resp: 106457

Ion Ratio Lower Upper

77 100

97 23.9 12.8 38.4



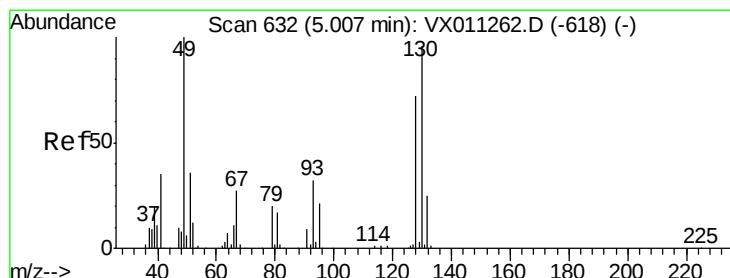
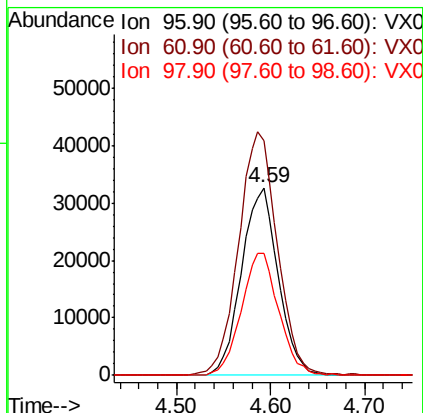
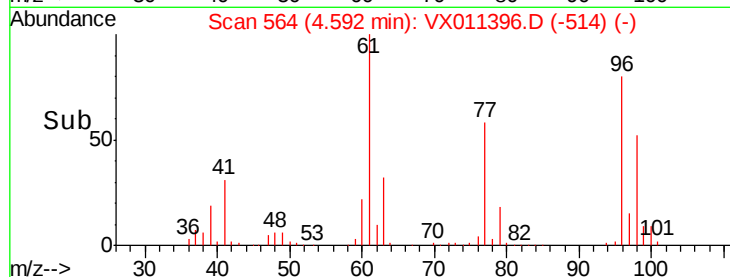
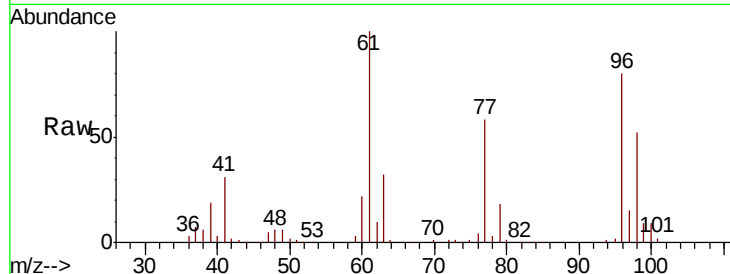


#27

cis-1,2-Dichloroethene
Concen: 47.379 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

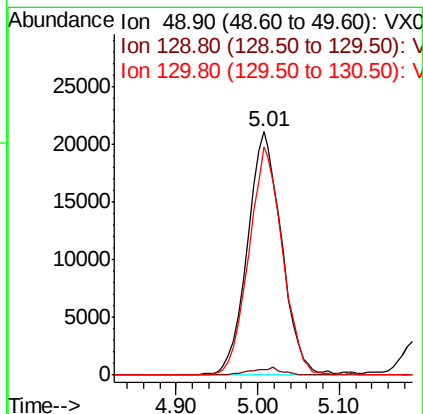
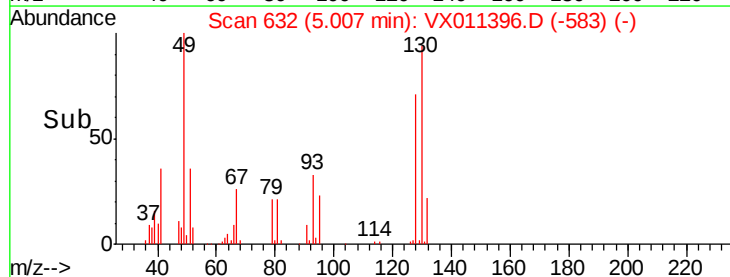
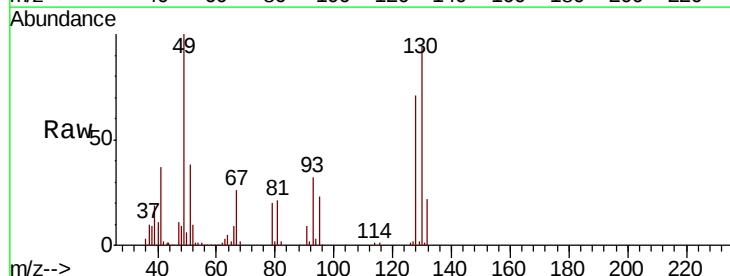
Tgt Ion: 96 Resp: 89096
Ion Ratio Lower Upper
96 100
61 136.8 0.0 260.2
98 66.4 0.0 133.2

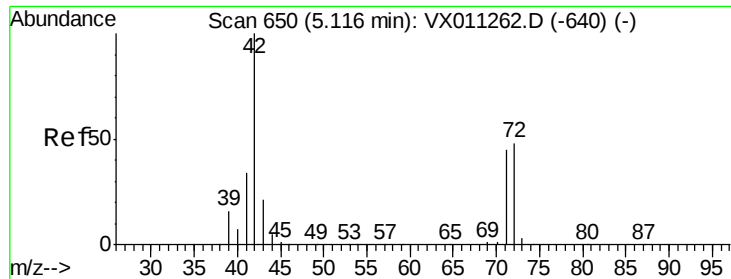


#28

Bromochloromethane
Concen: 50.636 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 49 Resp: 61554
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.8
130 92.1 77.9 116.9

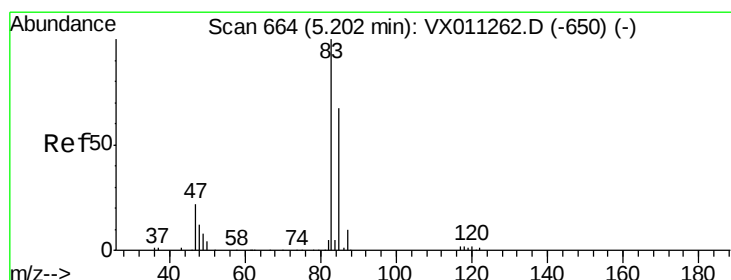
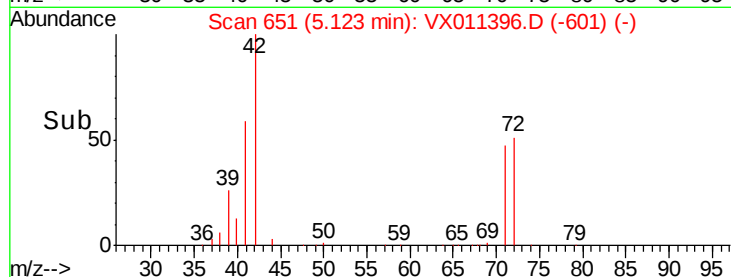
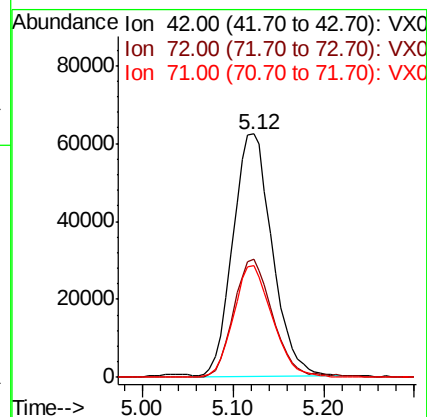
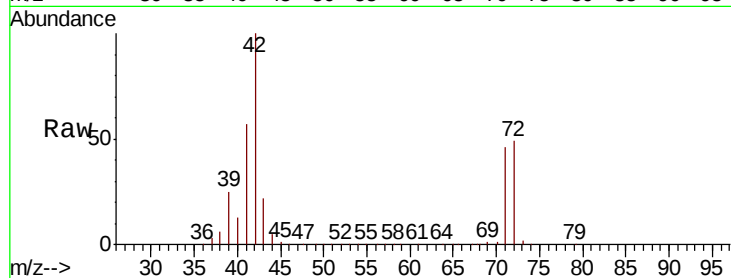




#29
Tetrahydrofuran
Concen: 264.645 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

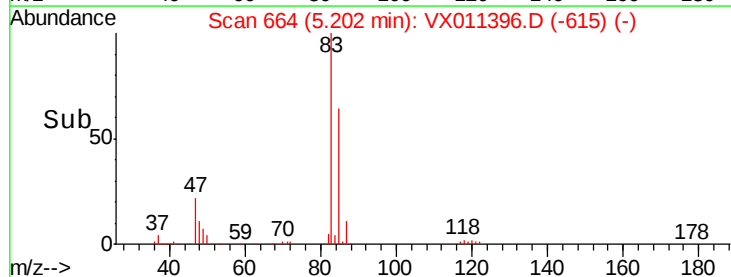
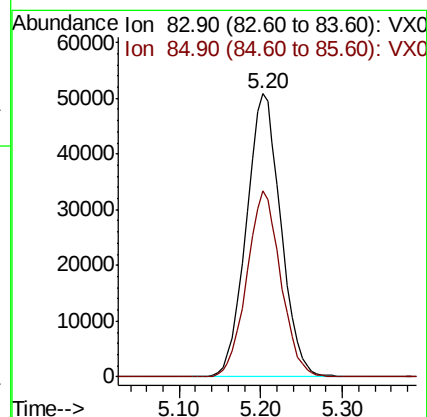
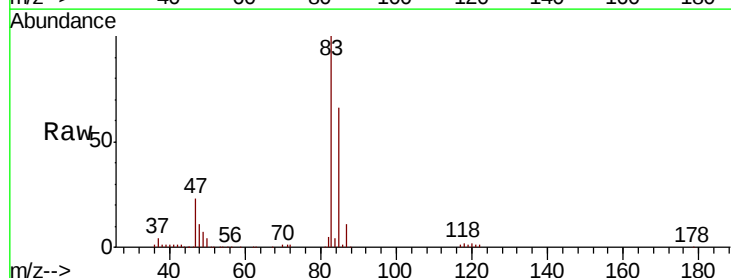
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

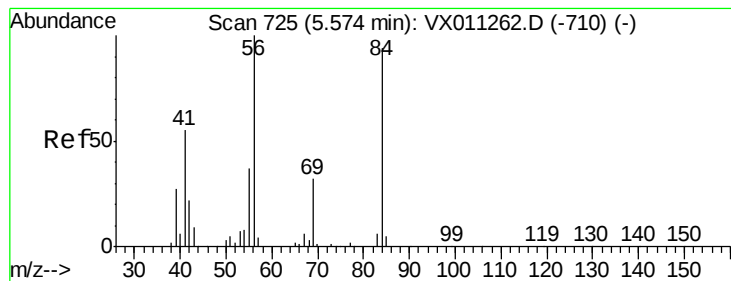
Tgt Ion: 42 Resp: 187684
Ion Ratio Lower Upper
42 100
72 48.8 39.9 59.9
71 45.6 36.9 55.3



#30
Chloroform
Concen: 51.483 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 83 Resp: 149201
Ion Ratio Lower Upper
83 100
85 65.6 53.4 80.0





#31

Cyclohexane

Concen: 46.792 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

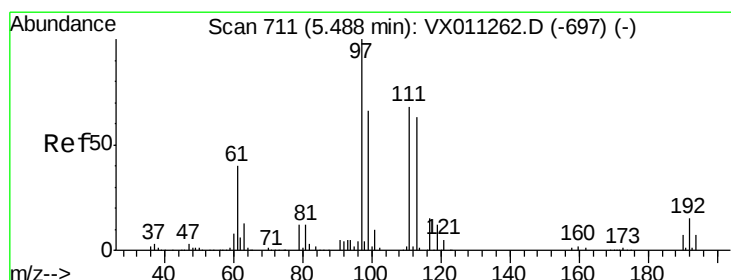
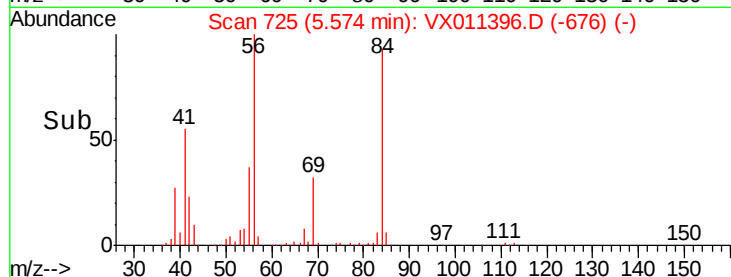
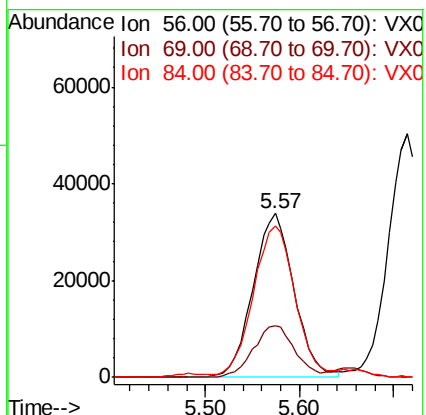
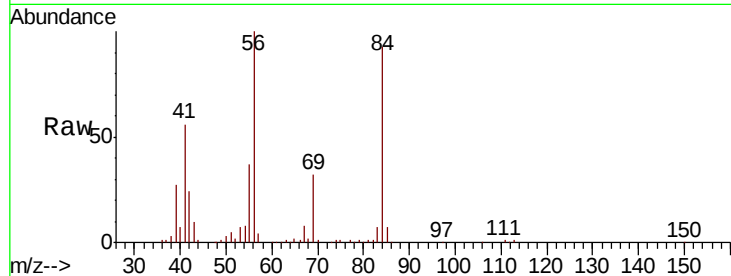
Tgt Ion: 56 Resp: 102938

Ion Ratio Lower Upper

56 100

69 31.5 25.5 38.3

84 90.1 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 51.431 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

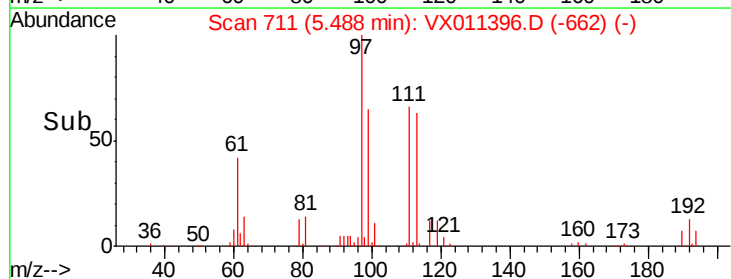
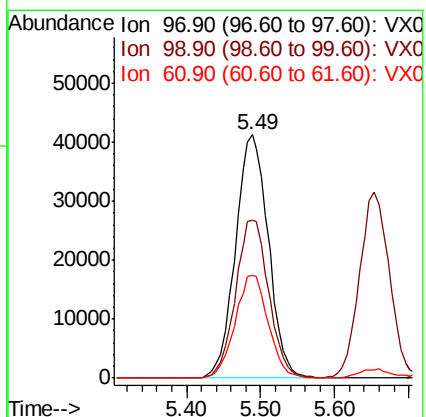
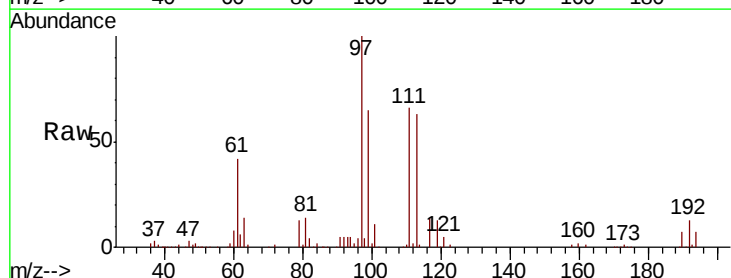
Tgt Ion: 97 Resp: 127684

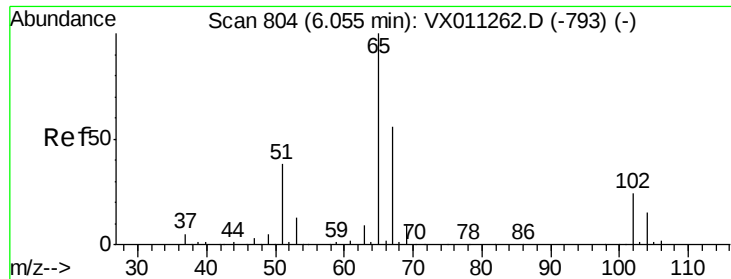
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 42.6 32.3 48.5

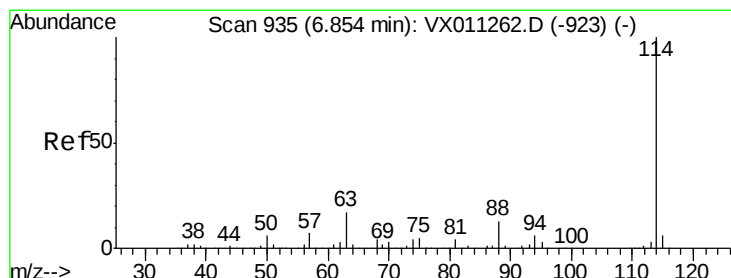
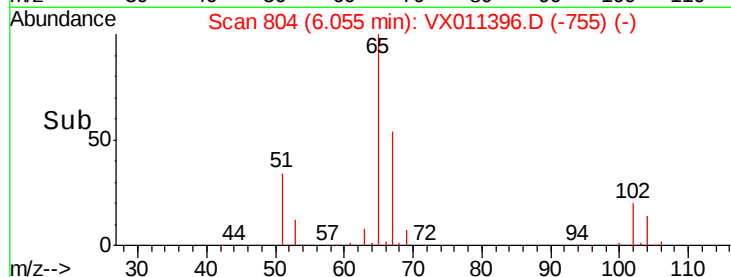
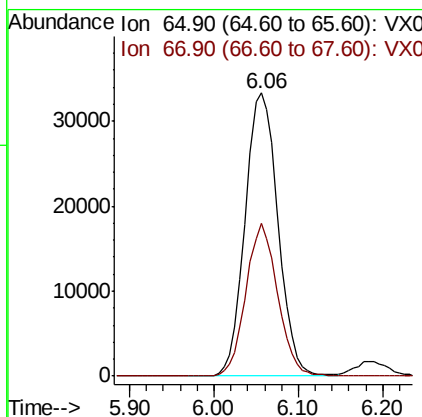
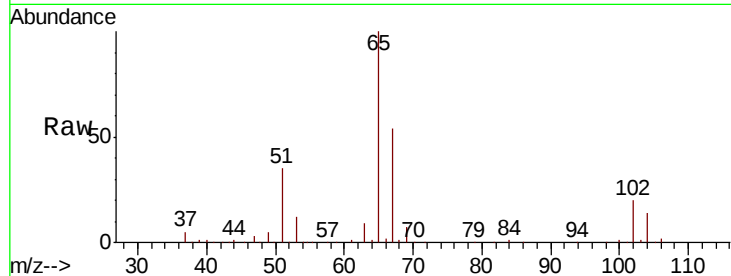




#33
 1,2-Dichloroethane-d4
 Concen: 51.690 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

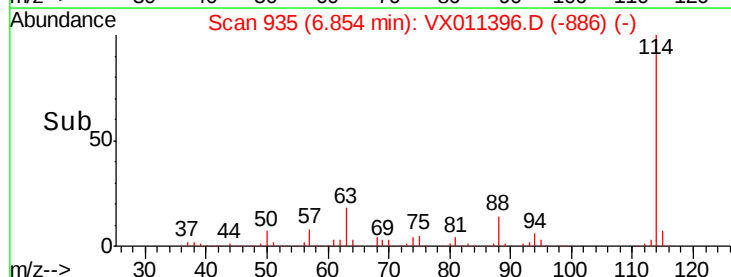
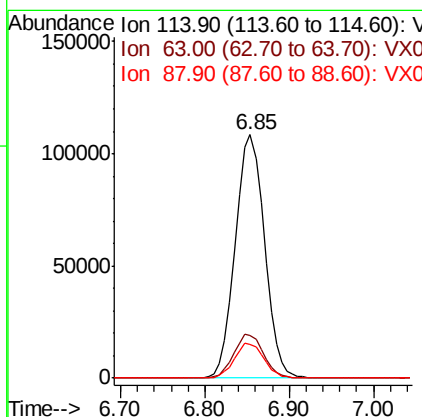
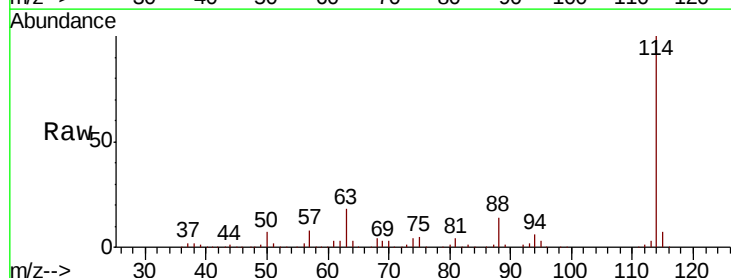
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

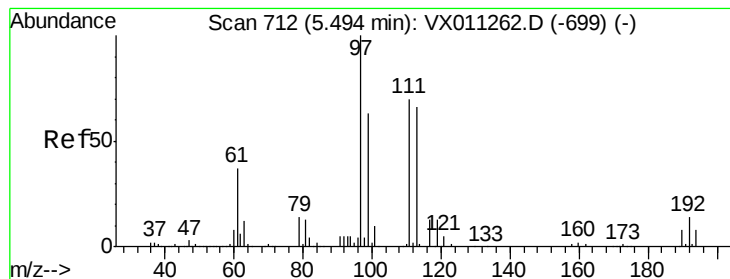
Tgt Ion: 65 Resp: 88301
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 114 Resp: 255061
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 14.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.147 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

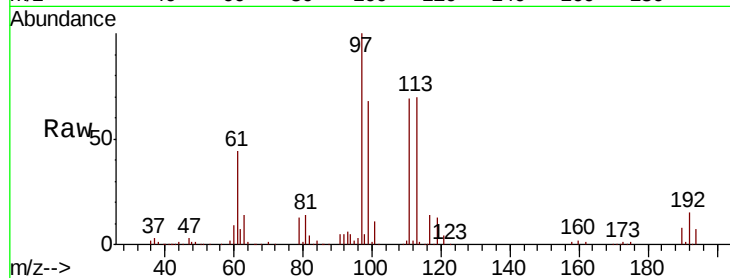
Tgt Ion:113 Resp: 76845

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

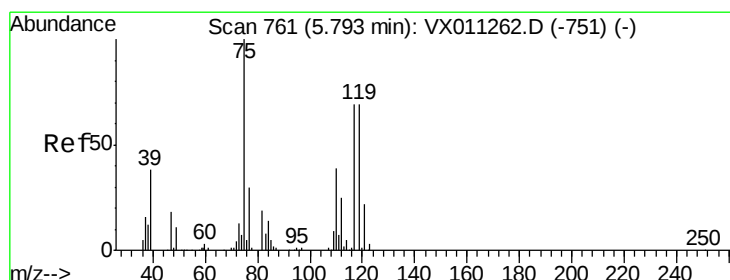
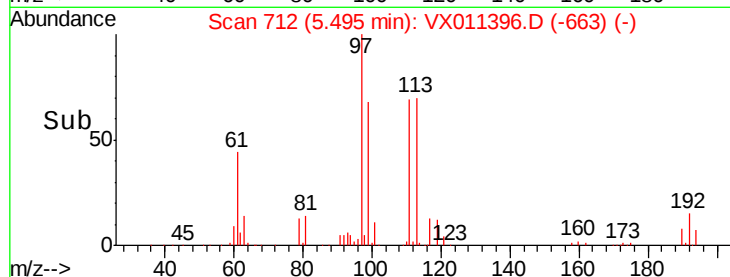
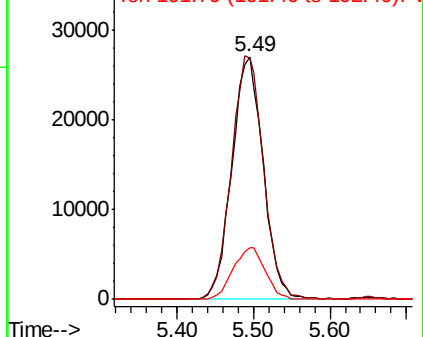
192 21.9 17.8 26.8



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: 45.989 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

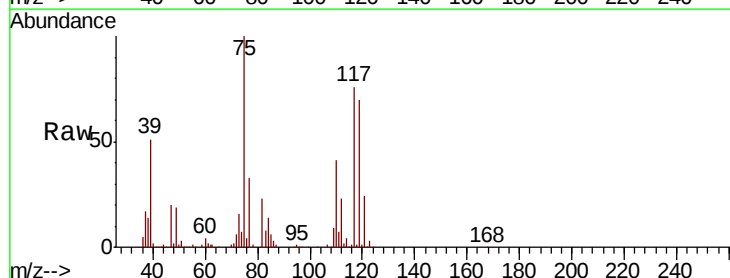
Tgt Ion: 75 Resp: 102413

Ion Ratio Lower Upper

75 100

110 39.0 20.0 59.9

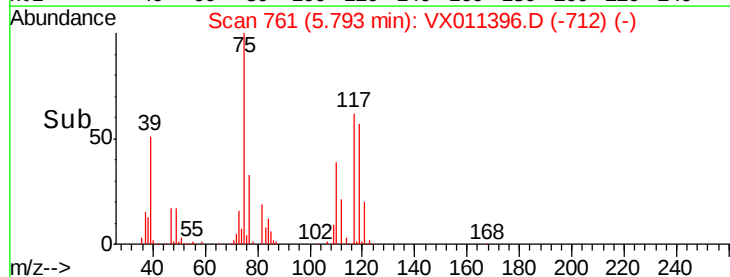
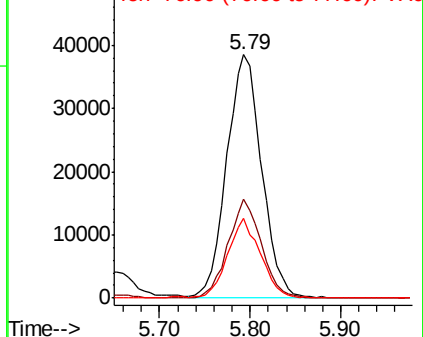
77 30.5 24.8 37.2

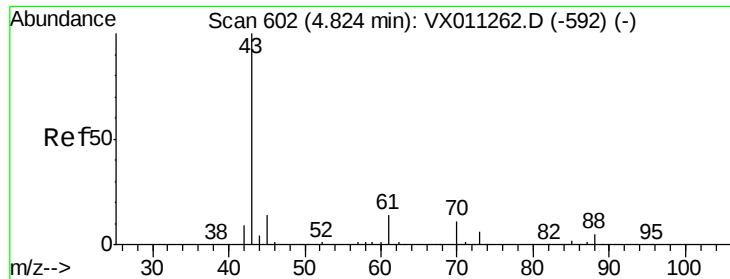


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

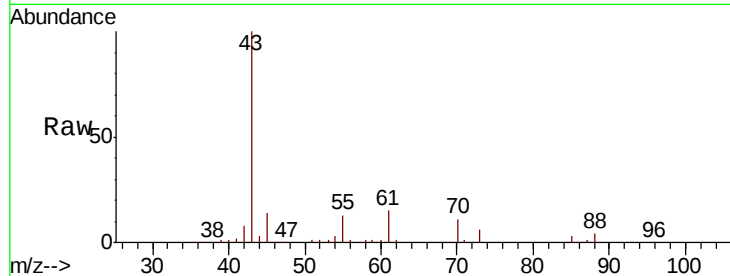




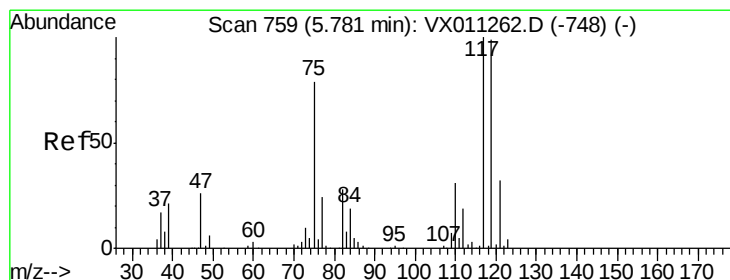
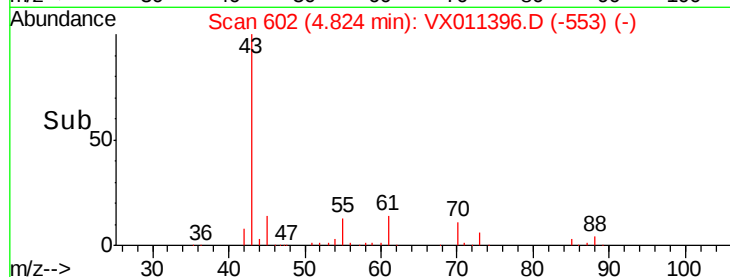
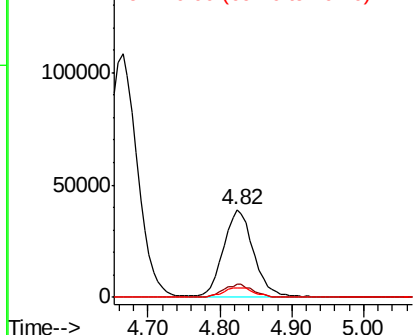
#37
Ethyl Acetate
Concen: 50.742 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 113345
Ion Ratio Lower Upper
43 100
61 14.4 12.6 18.8
70 11.6 9.1 13.7

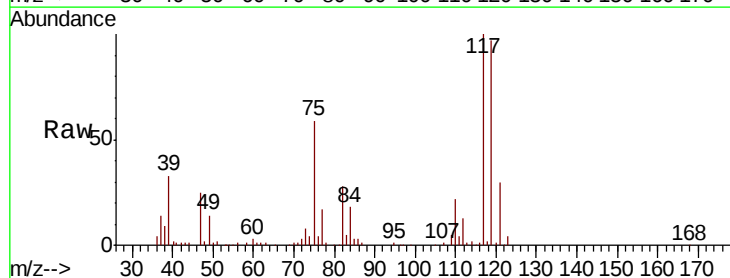


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

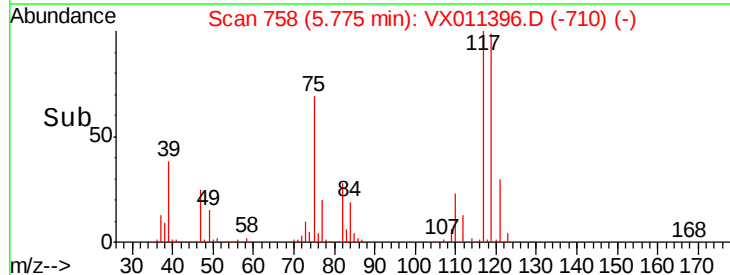
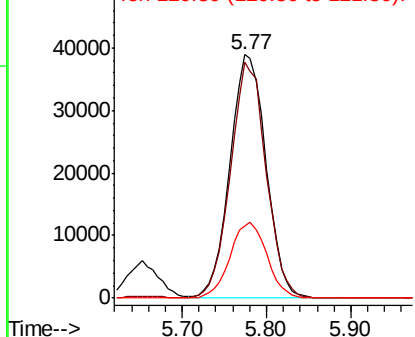


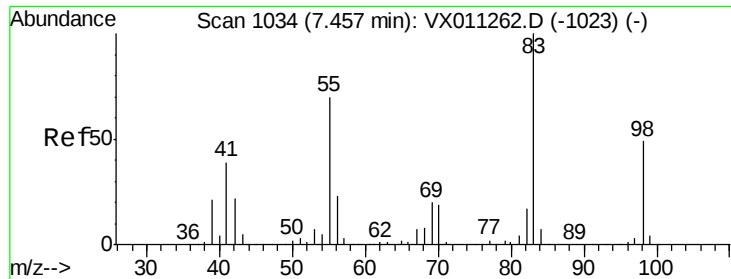
#38
Carbon Tetrachloride
Concen: 50.432 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 117 Resp: 112989
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.4
121 29.8 25.9 38.9



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

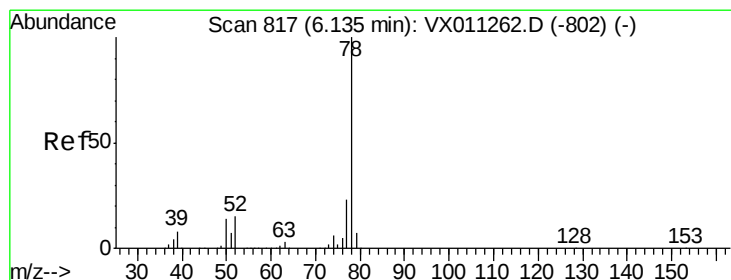
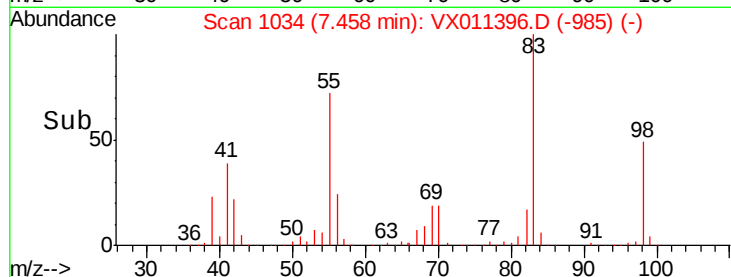
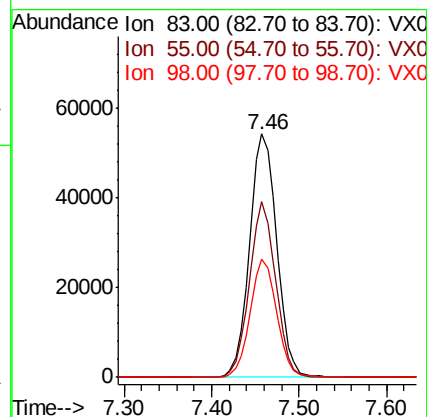
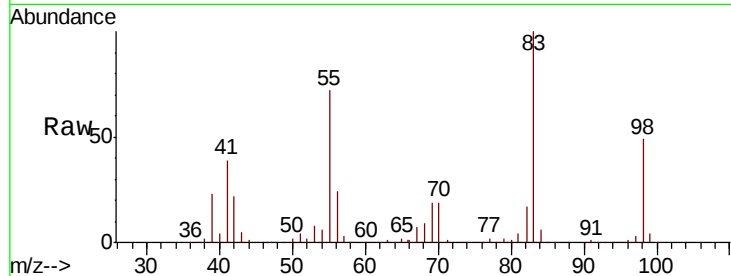




#39
Methylcyclohexane
Concen: 44.194 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

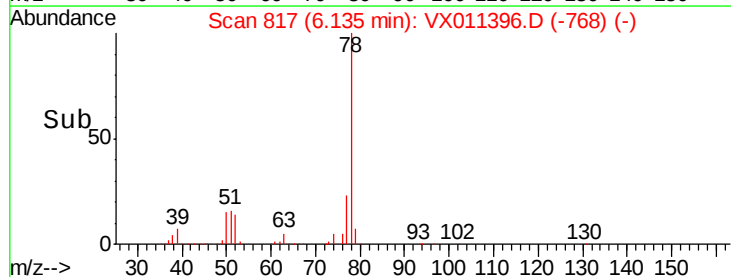
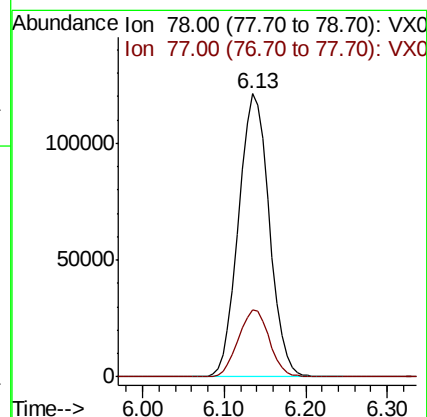
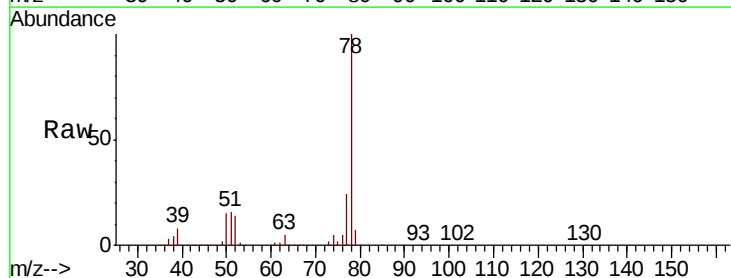
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

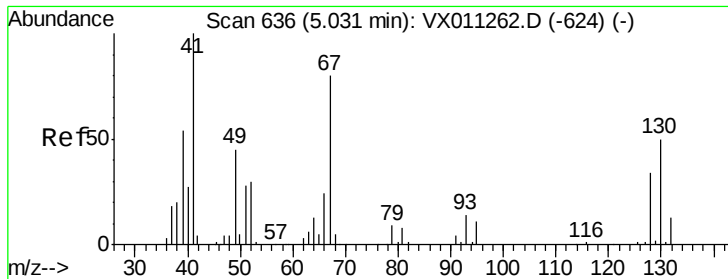
Tgt Ion: 83 Resp: 116657
Ion Ratio Lower Upper
83 100
55 72.2 56.1 84.1
98 48.8 39.0 58.4



#40
Benzene
Concen: 47.598 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 78 Resp: 316301
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.2

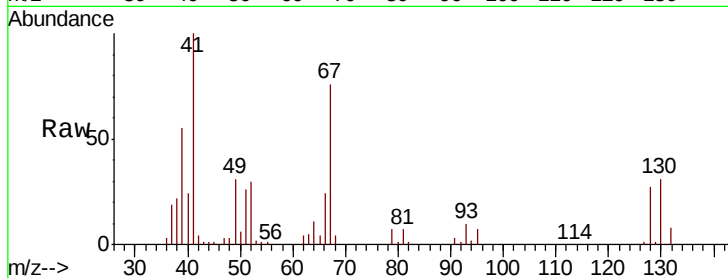




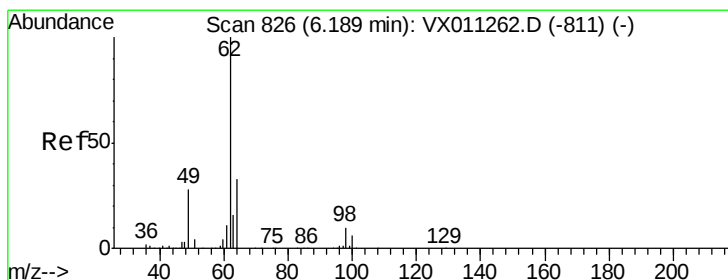
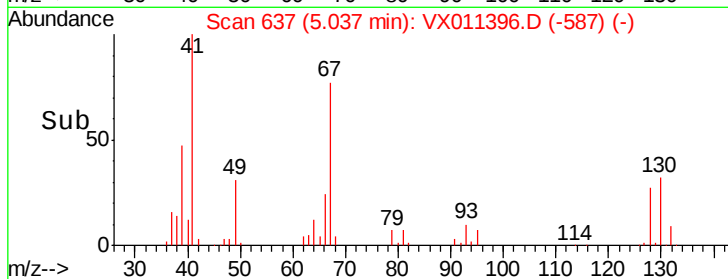
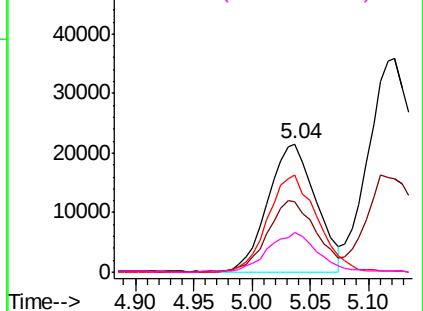
#41
Methacrylonitrile
Concen: 50.312 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	61377
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.0	64.6
67	79.0	65.1	97.7
52	30.8	24.8	37.2

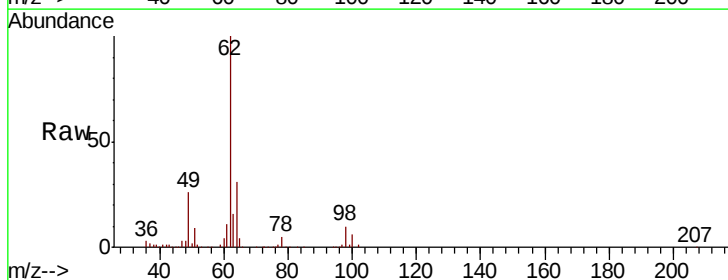


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

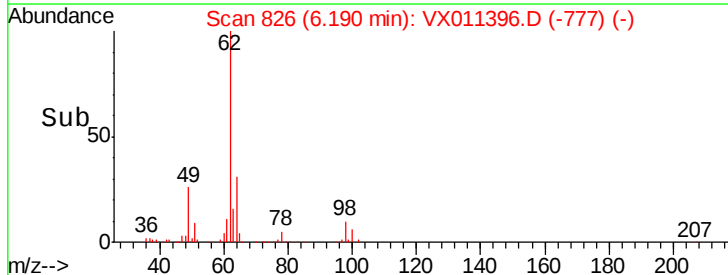
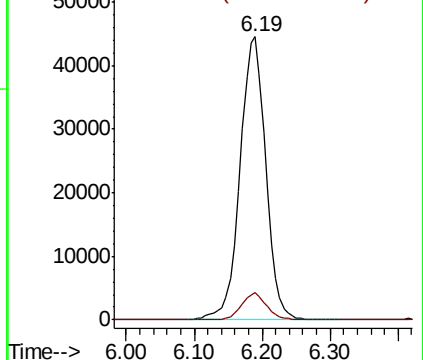


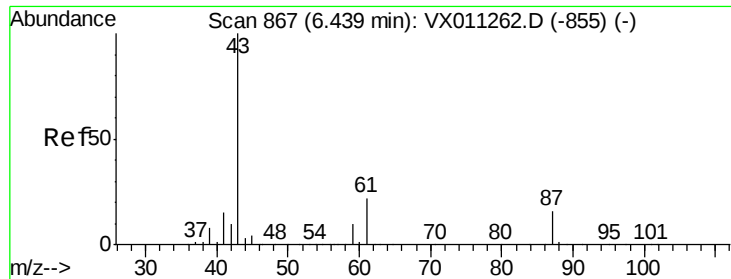
#42
1,2-Dichloroethane
Concen: 51.774 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:	62	Resp:	116341
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.519 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

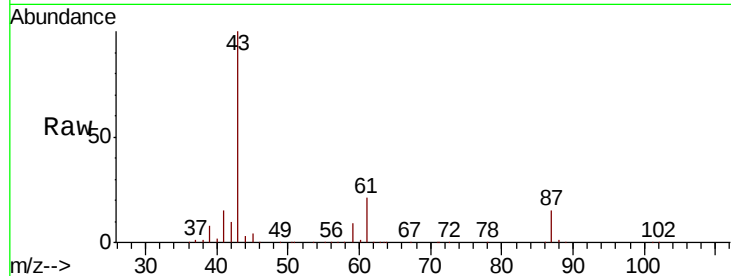
Tgt Ion: 43 Resp: 180417

Ion Ratio Lower Upper

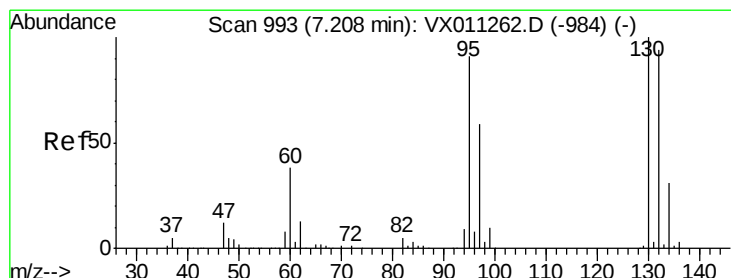
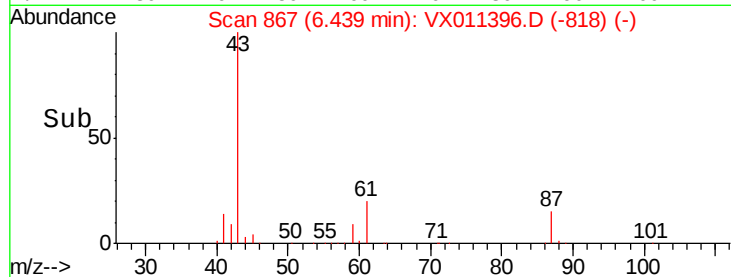
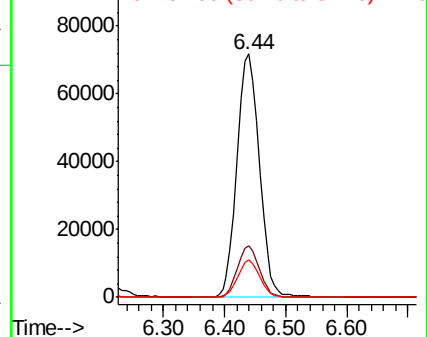
43 100

61 20.7 16.5 24.7

87 14.9 12.1 18.1



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: 45.826 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011396.D

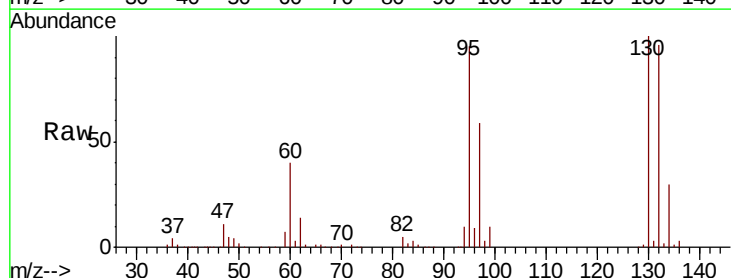
Acq: 08 Aug 2019 18:17

Tgt Ion: 130 Resp: 92177

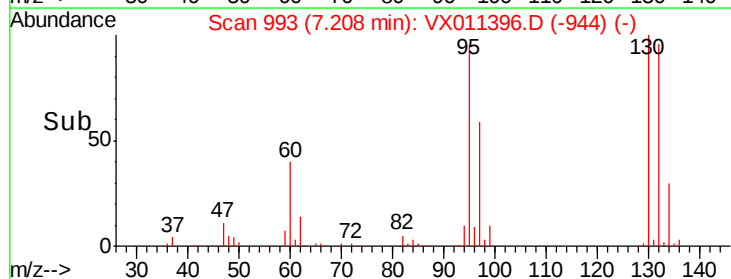
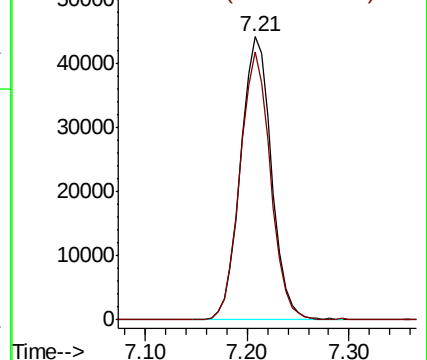
Ion Ratio Lower Upper

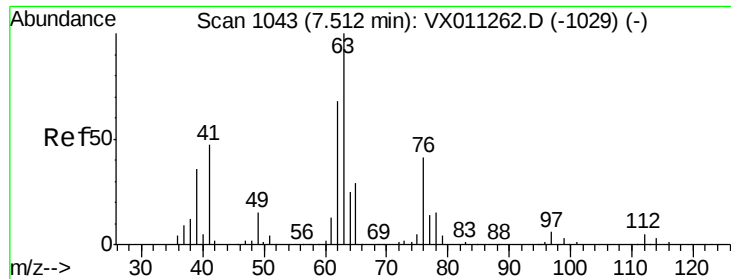
130 100

95 94.8 0.0 182.6



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

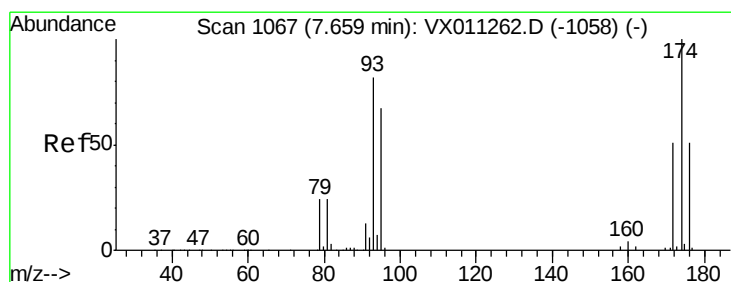
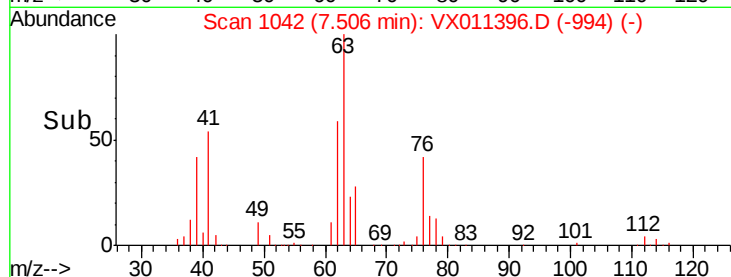
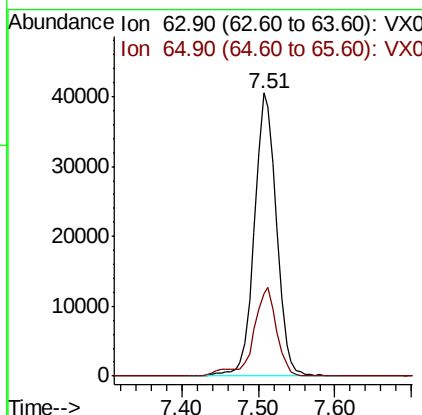
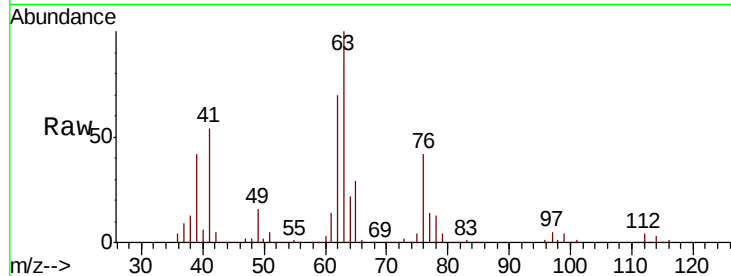




#45
 1,2-Dichloropropane
 Concen: 47.785 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

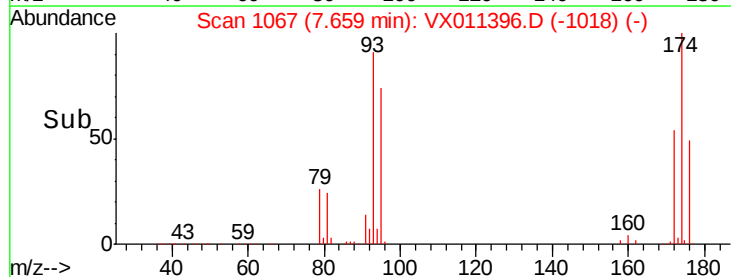
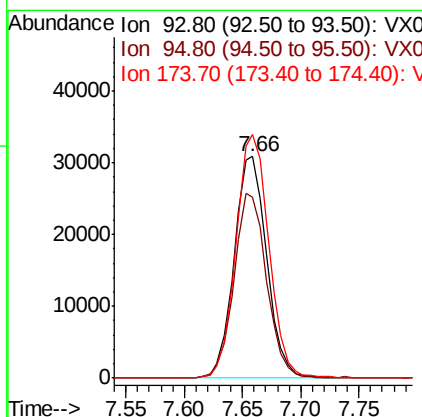
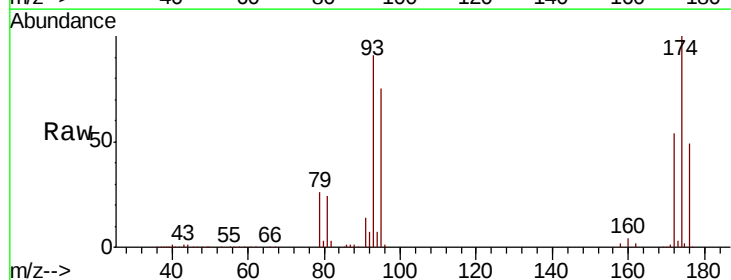
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

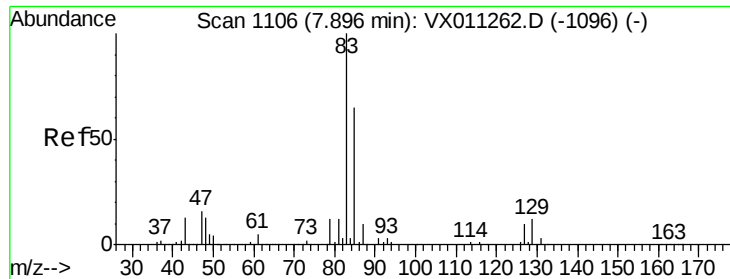
Tgt Ion: 63 Resp: 82239
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.3 34.9



#46
 Dibromomethane
 Concen: 47.925 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 93 Resp: 60212
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 111.6 93.4 140.2





#47

Bromodichloromethane

Concen: 52.276 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

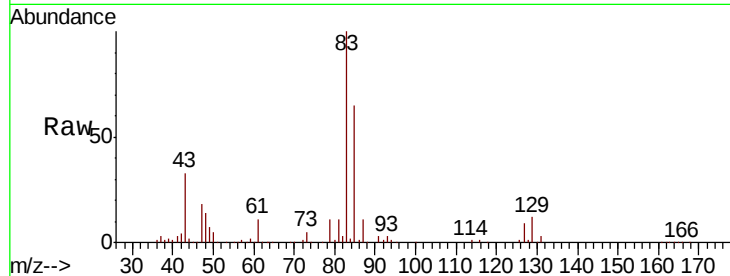
Tgt Ion: 83 Resp: 111198

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

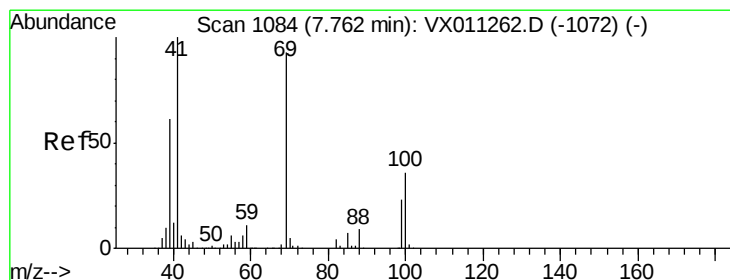
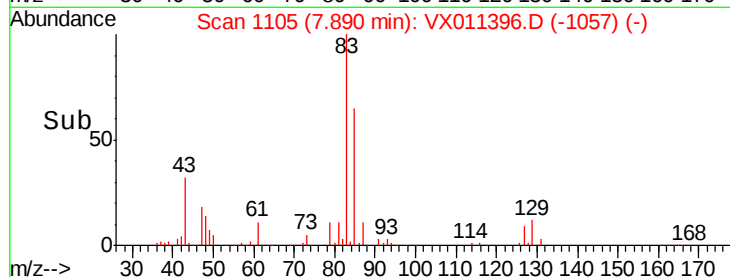
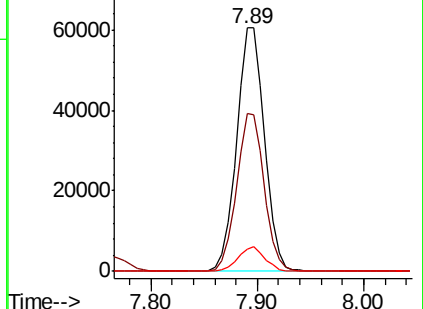
127 9.2 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.011 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

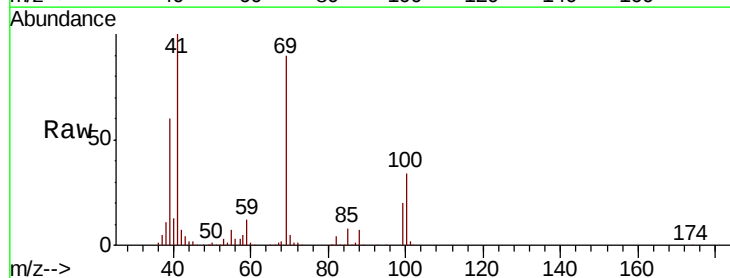
Tgt Ion: 41 Resp: 89096

Ion Ratio Lower Upper

41 100

69 89.9 74.5 111.7

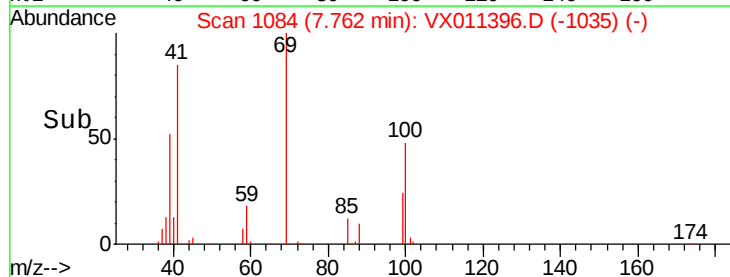
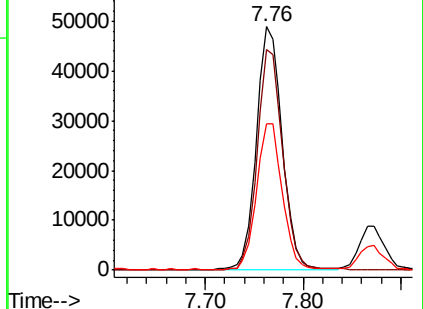
39 59.8 48.6 72.8

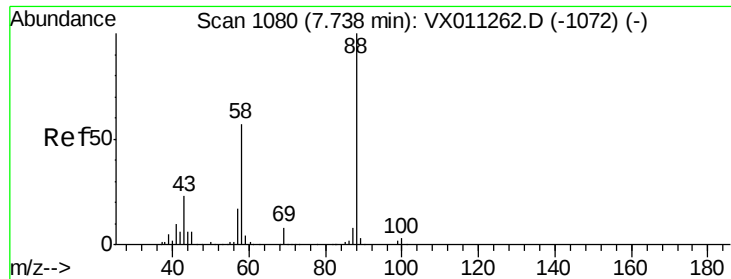


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

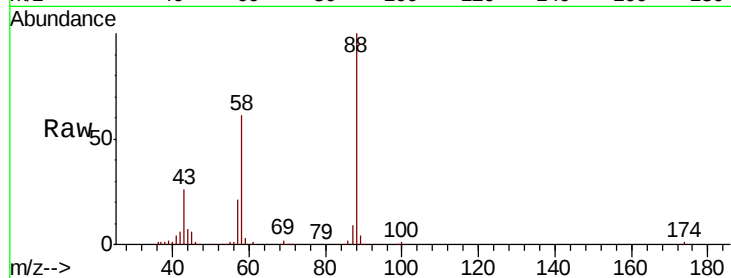




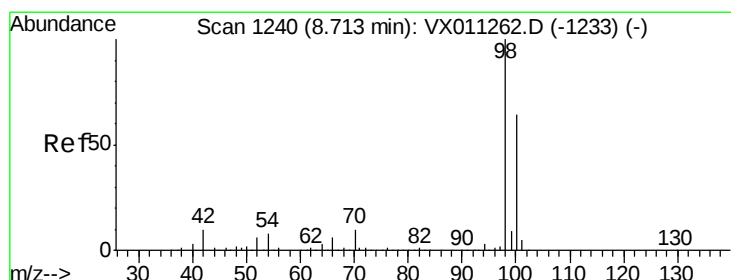
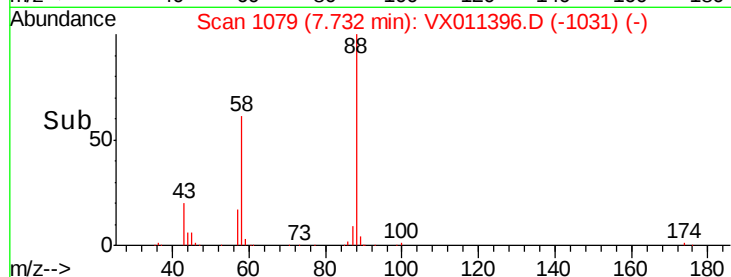
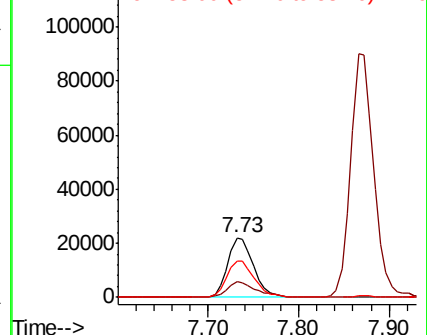
#49
1,4-Dioxane
Concen: 903.319 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 44014
Ion Ratio Lower Upper
88 100
43 29.0 22.2 33.2
58 65.6 47.8 71.8

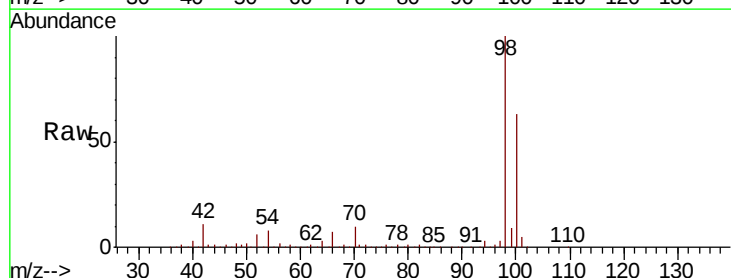


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

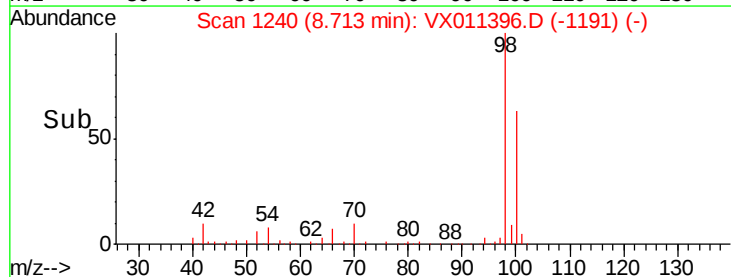
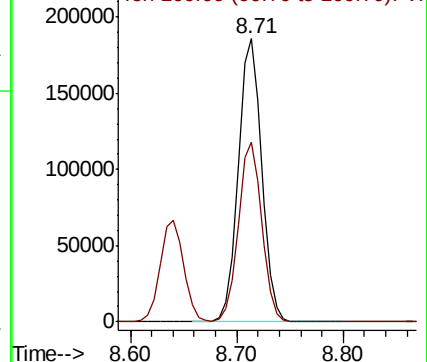


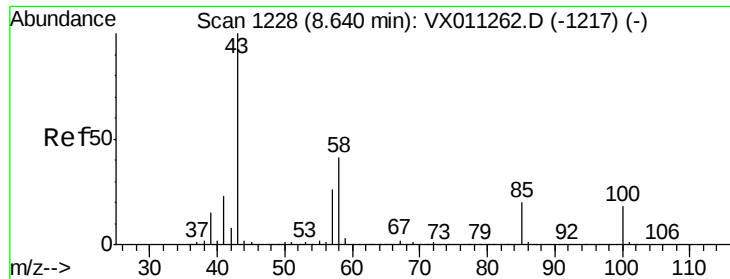
#50
Toluene-d8
Concen: 45.610 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 98 Resp: 286694
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

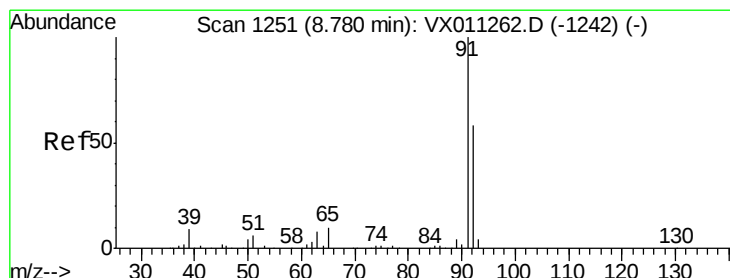
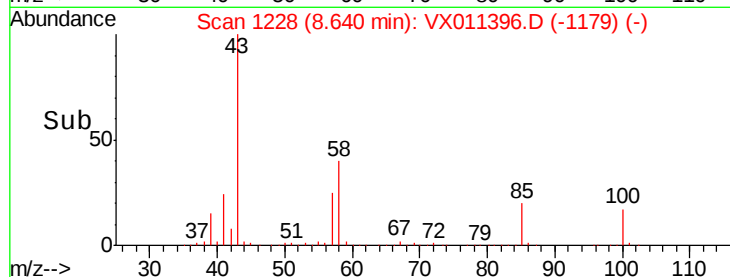
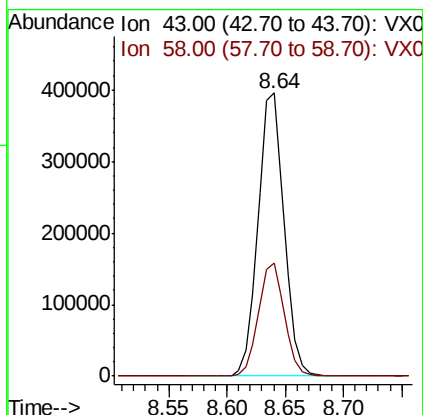
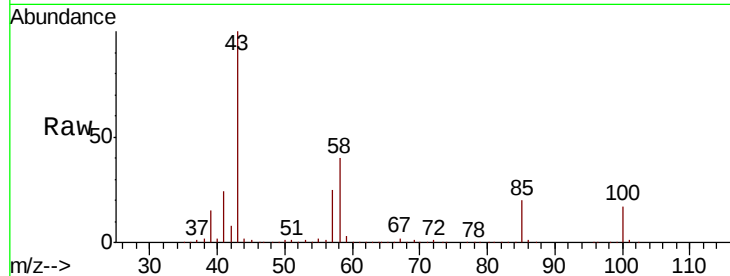




#51
 4-Methyl-2-Pentanone
 Concen: 268.440 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

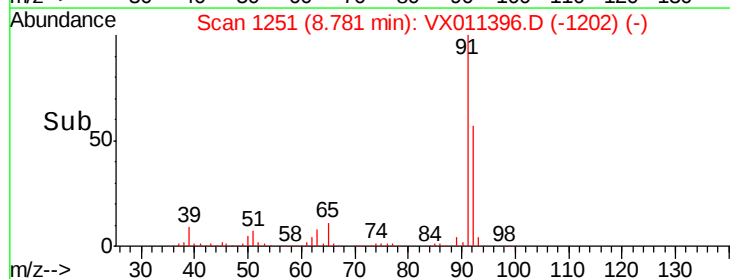
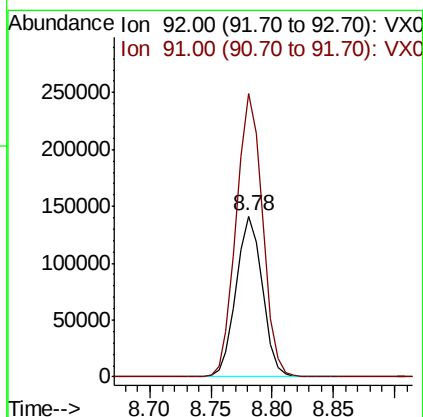
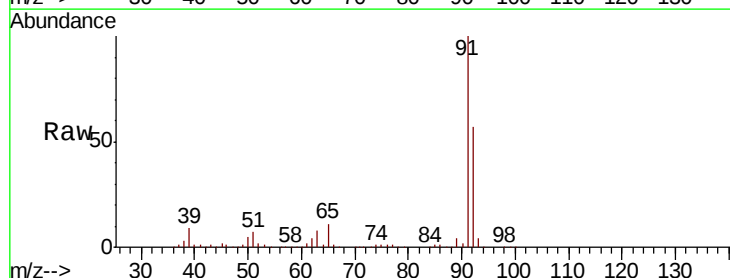
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 618692
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.3 48.5



#52
 Toluene
 Concen: 47.804 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 92 Resp: 210033
 Ion Ratio Lower Upper
 92 100
 91 176.9 139.4 209.0

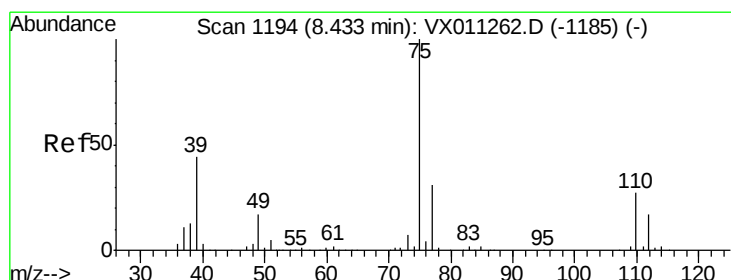
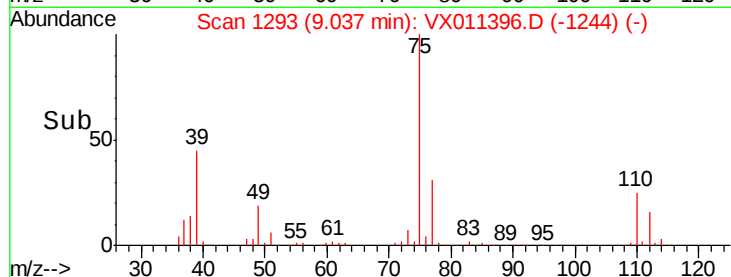
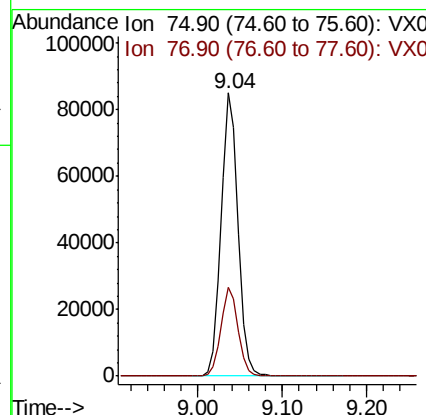
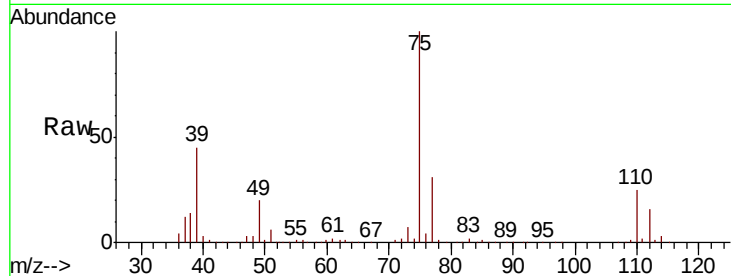




#53
t-1,3-Dichloropropene
Concen: 48.182 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

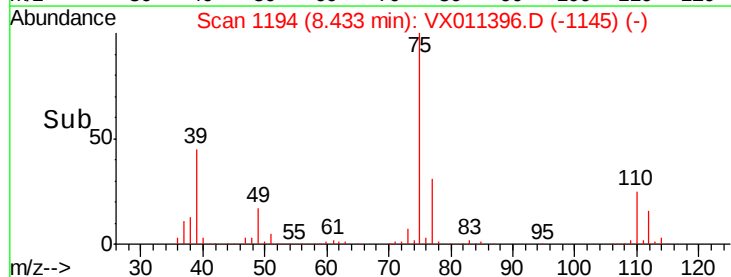
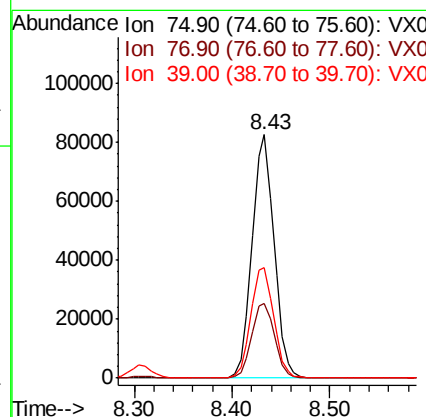
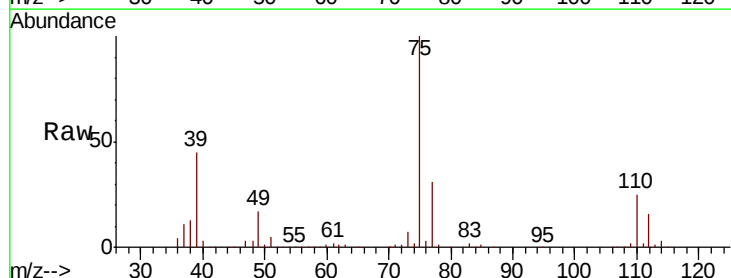
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

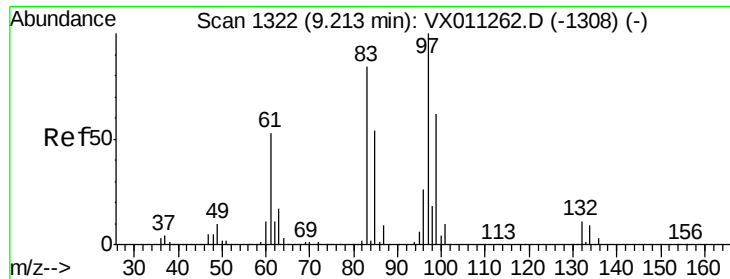
Tgt Ion: 75 Resp: 119087
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.092 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 75 Resp: 129437
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 45.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 50.762 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 91700

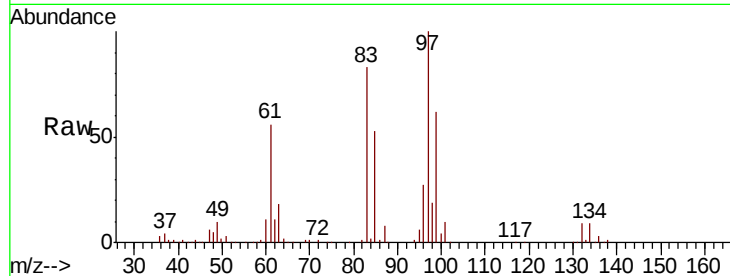
Ion Ratio Lower Upper

97 100

83 83.0 67.6 101.4

85 52.5 43.4 65.0

99 61.6 49.6 74.4



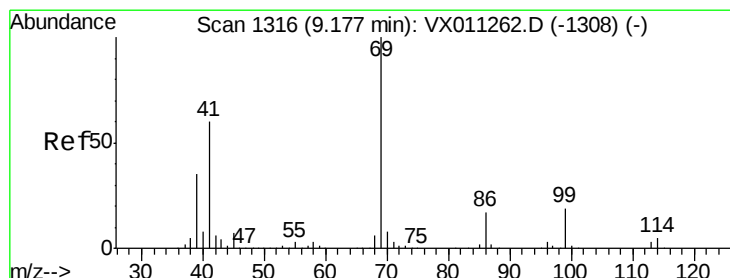
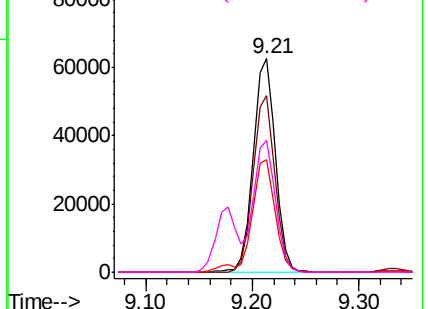
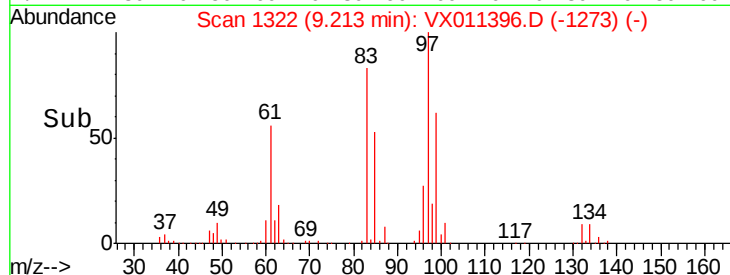
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.393 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

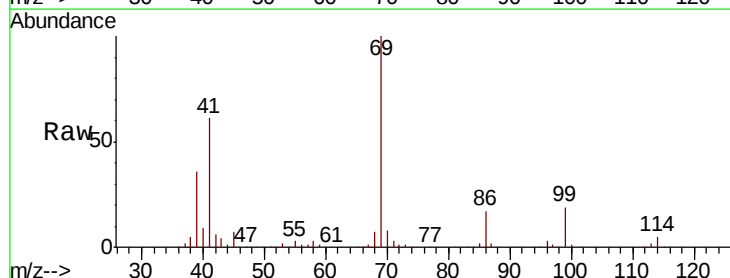
Tgt Ion: 69 Resp: 134878

Ion Ratio Lower Upper

69 100

41 63.5 48.6 73.0

39 37.7 29.4 44.2

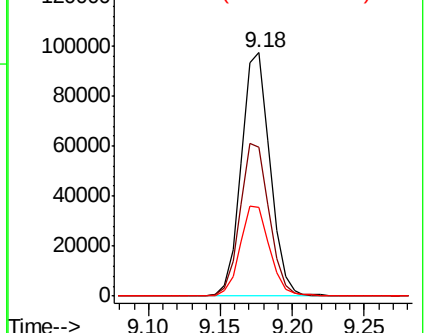
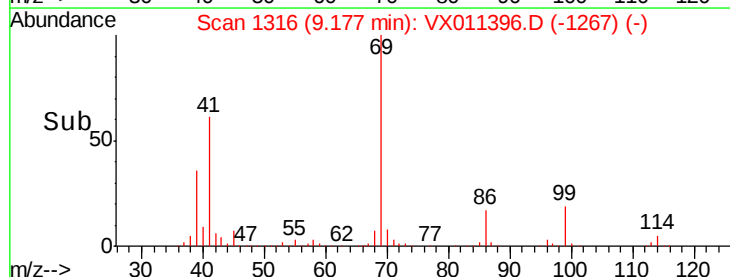


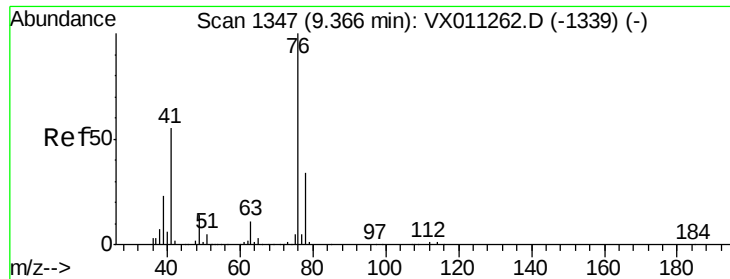
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

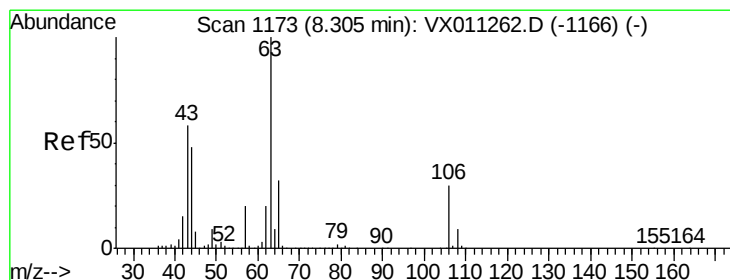
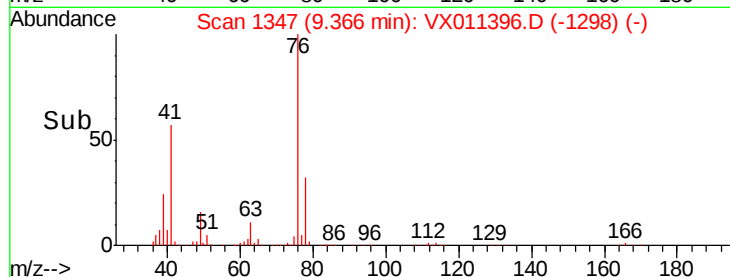
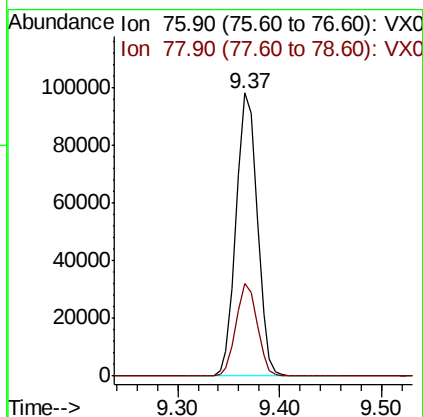
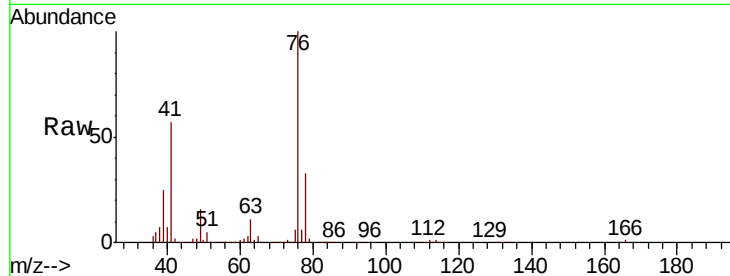




#57
 1,3-Dichloropropane
 Concen: 49.344 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

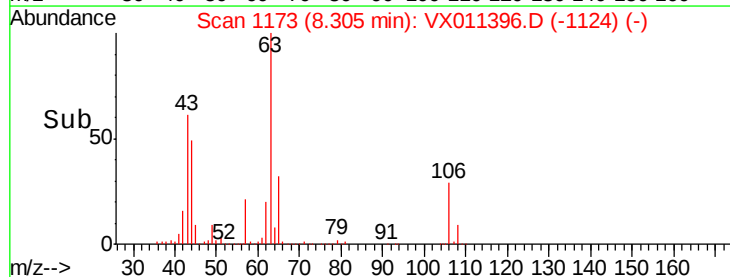
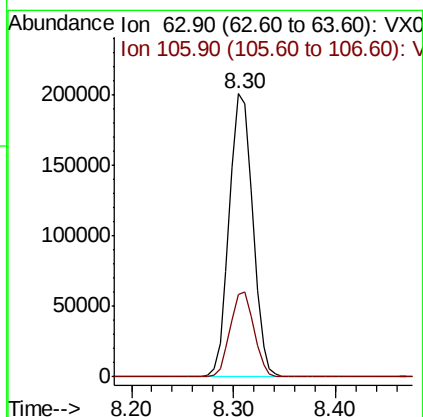
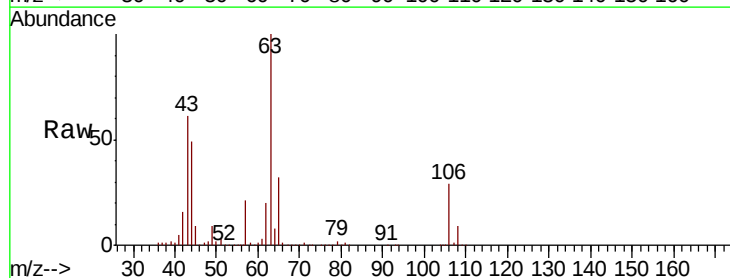
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

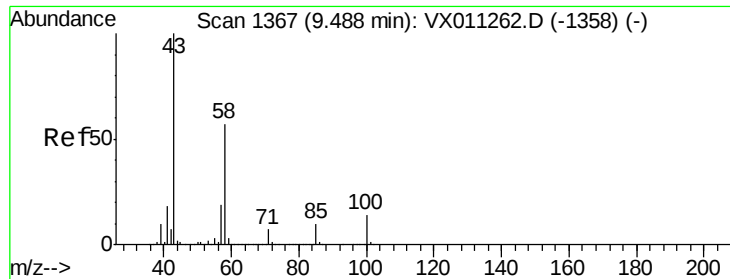
Tgt Ion: 76 Resp: 140974
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.739 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 63 Resp: 319912
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.4 36.6

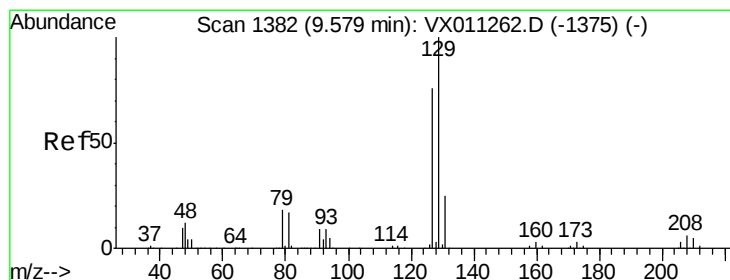
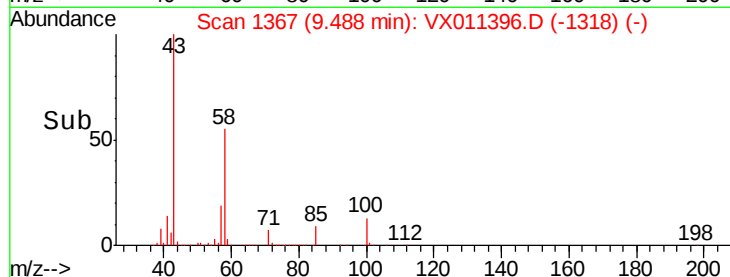
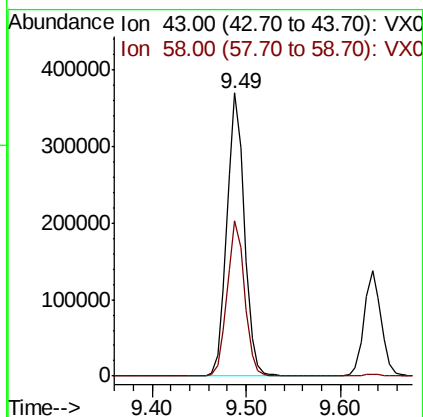
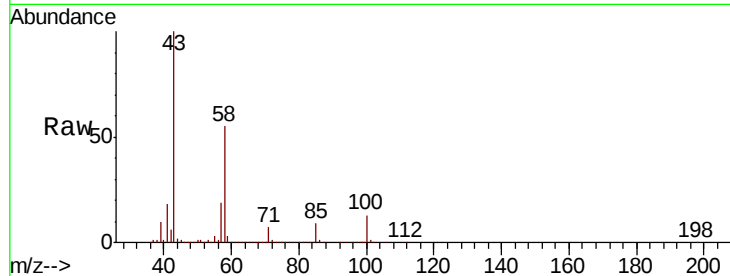




#59
2-Hexanone
Concen: 266.724 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

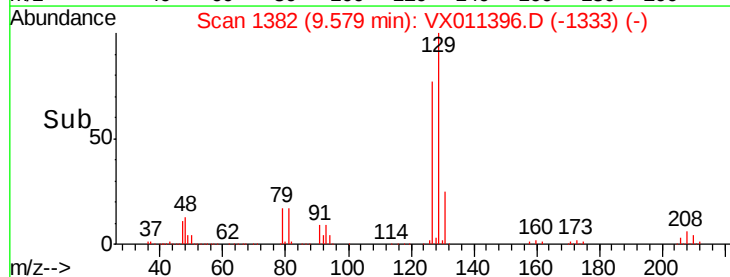
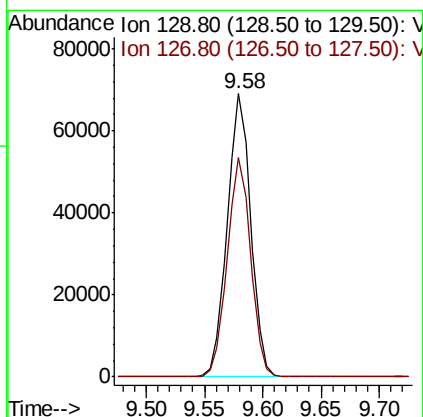
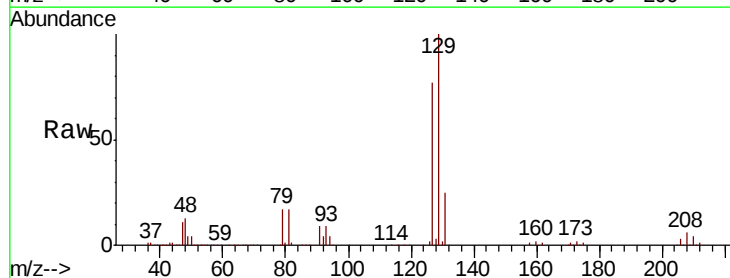
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

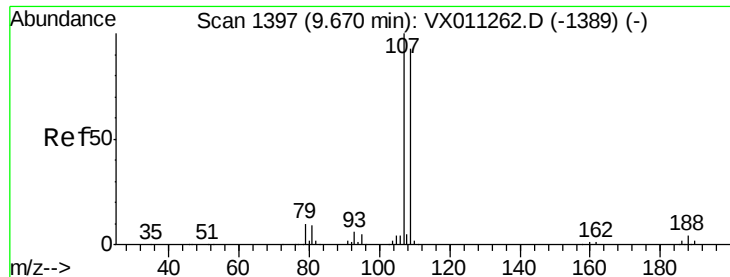
Tgt Ion: 43 Resp: 476154
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6



#60
Dibromochloromethane
Concen: 52.430 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 129 Resp: 96969
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

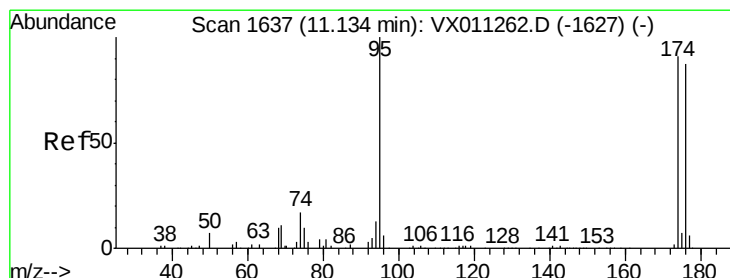
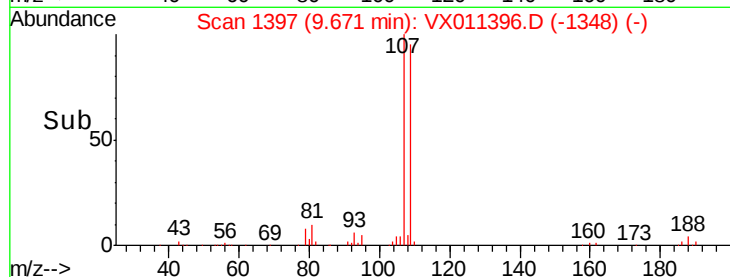
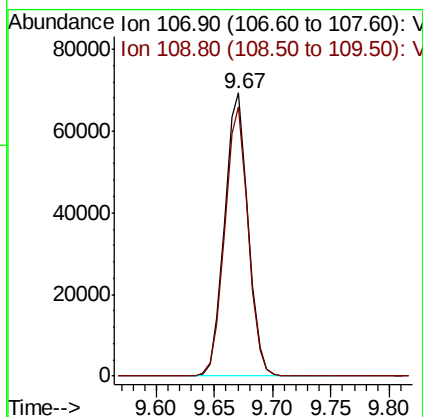
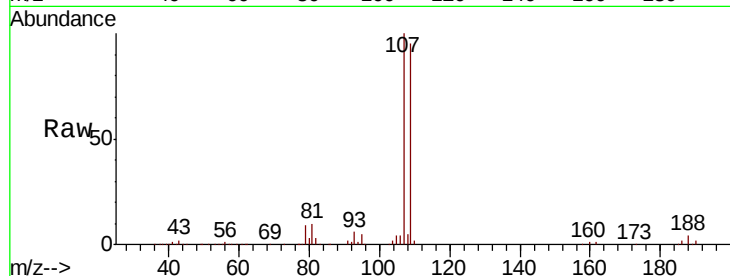




#61
 1,2-Dibromoethane
 Concen: 49.624 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

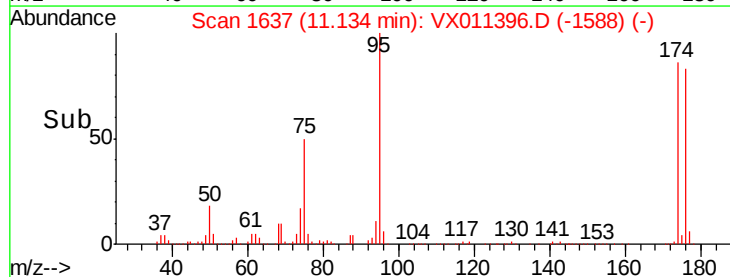
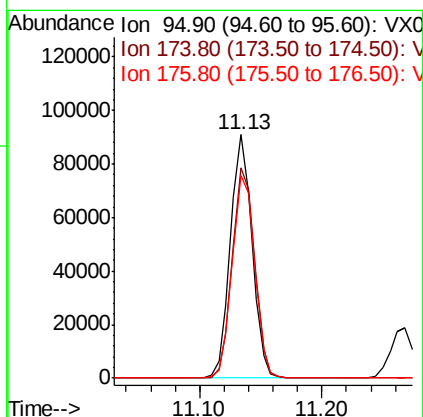
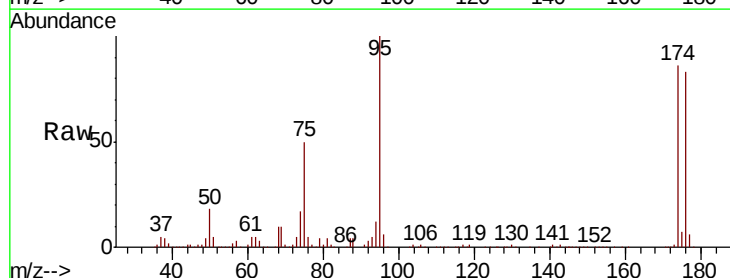
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

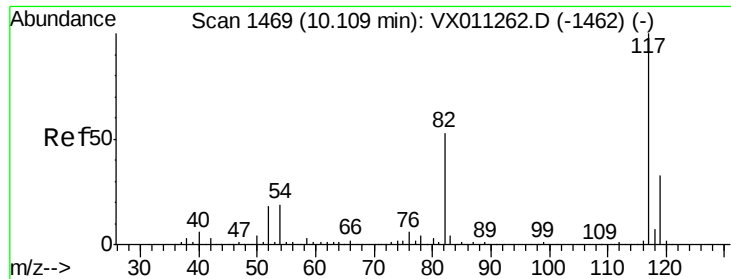
Tgt Ion: 107 Resp: 96853
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 49.346 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 95 Resp: 110741
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 191.2
 176 86.6 0.0 184.8

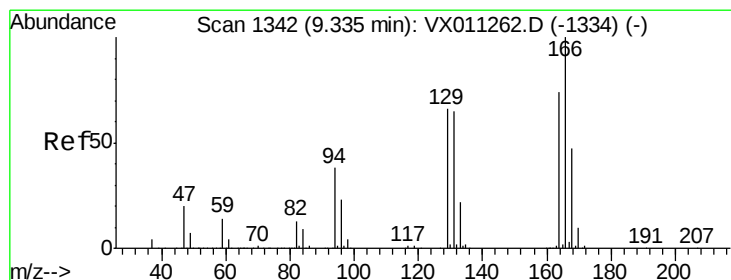
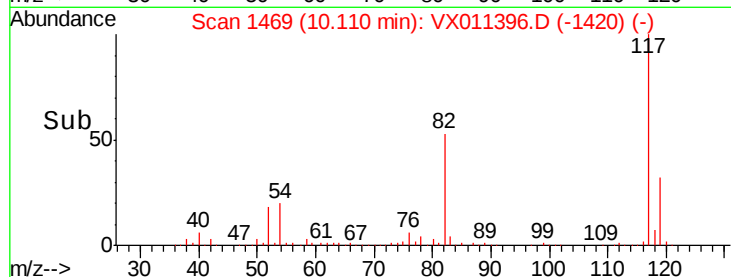
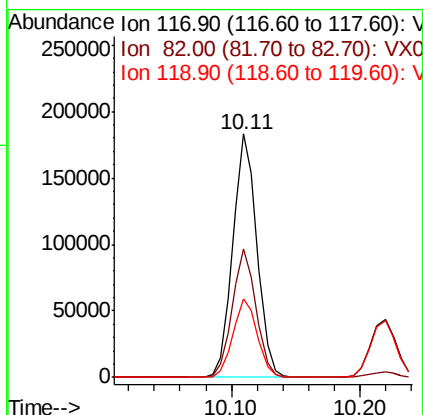
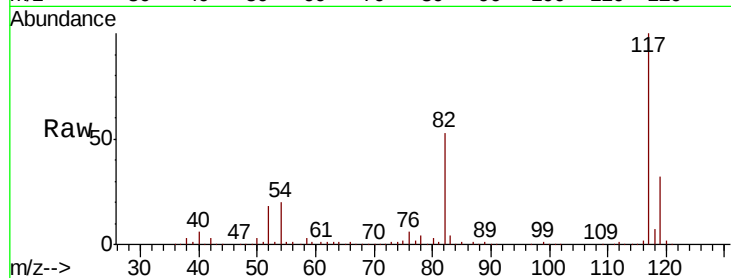




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

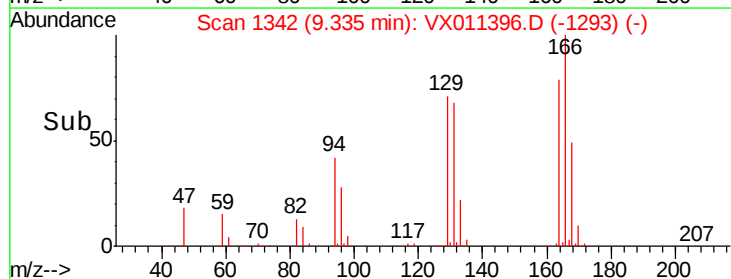
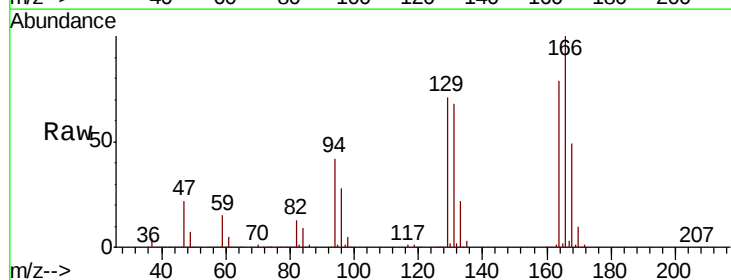
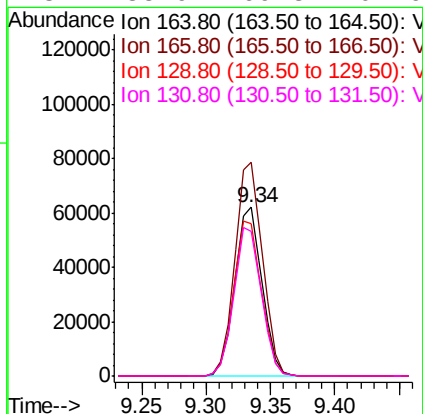
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

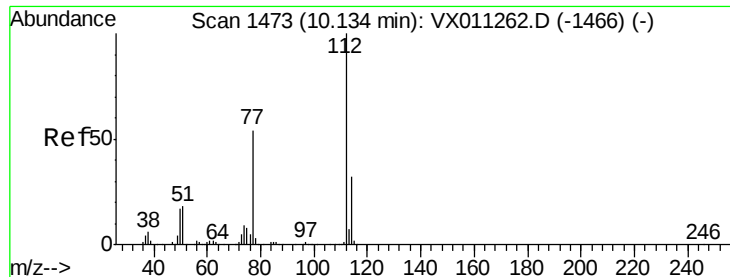
Tgt Ion:117 Resp: 239045
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 45.093 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:164 Resp: 91541
Ion Ratio Lower Upper
164 100
166 126.5 107.5 161.3
129 90.3 71.0 106.4
131 85.9 69.8 104.6

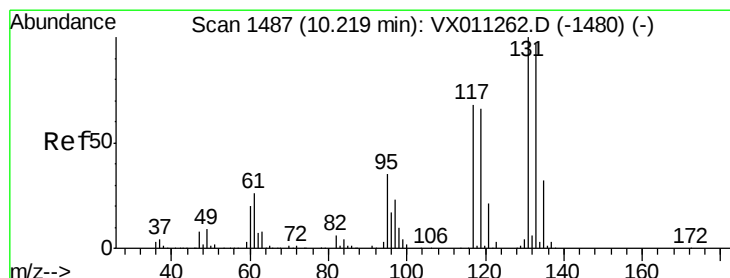
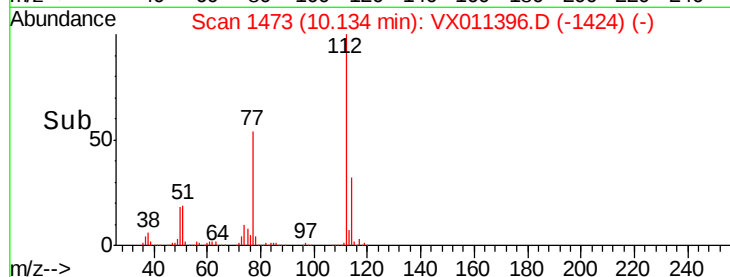
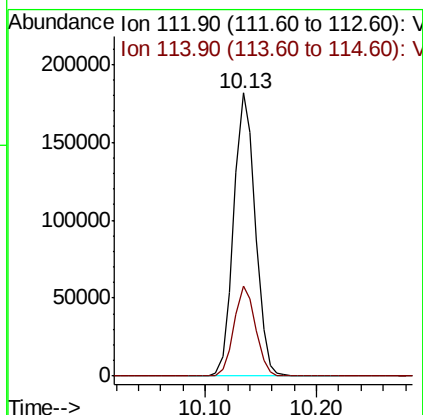
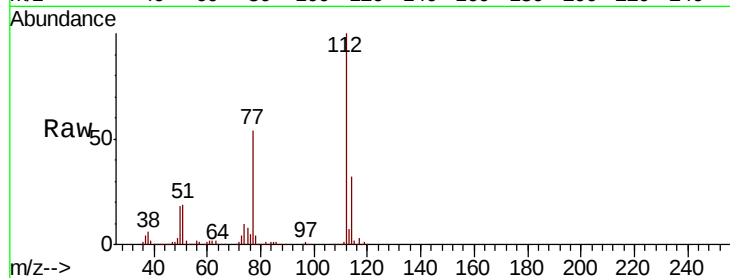




#65
Chlorobenzene
Concen: 47.480 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

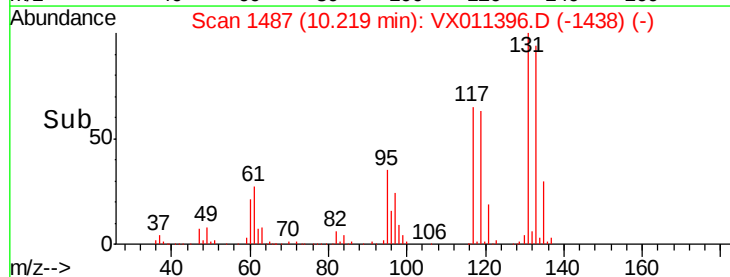
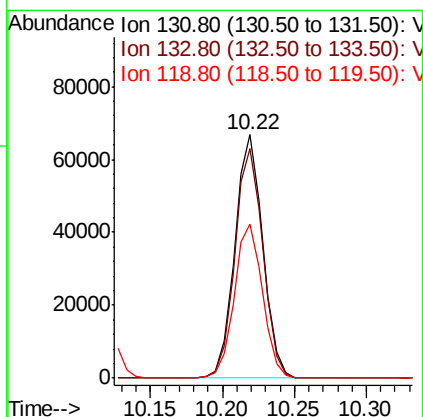
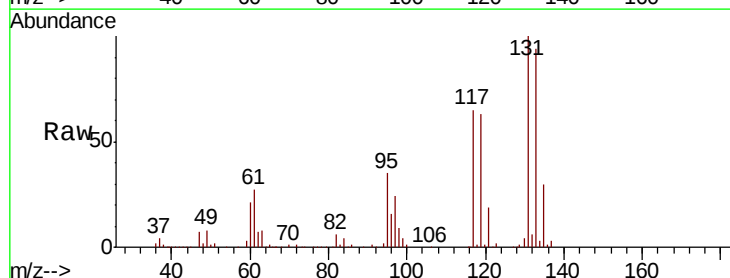
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

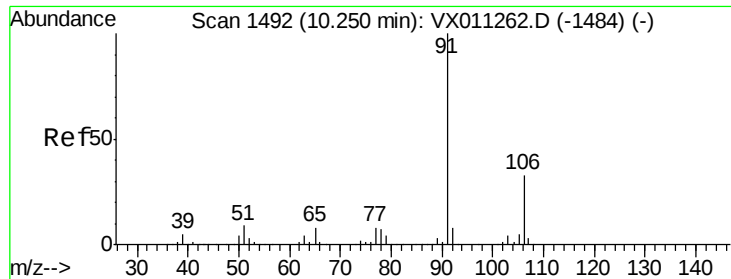
Tgt Ion:112 Resp: 243358
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.399 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:131 Resp: 90190
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 64.2 32.8 98.3

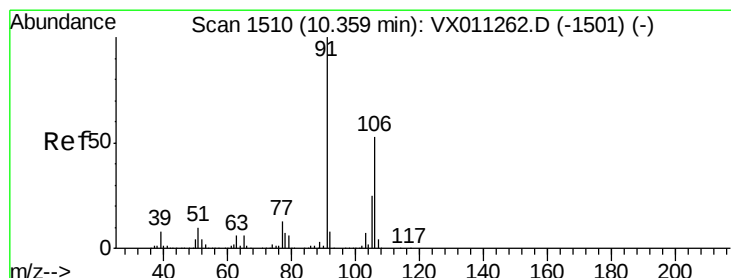
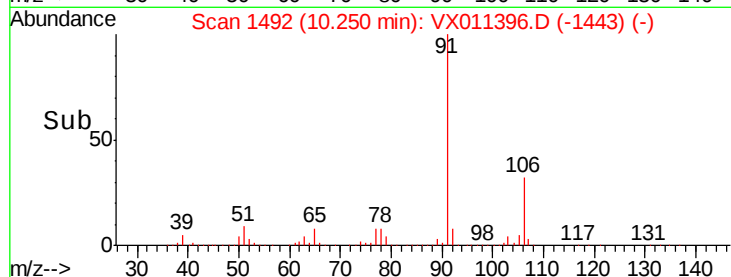
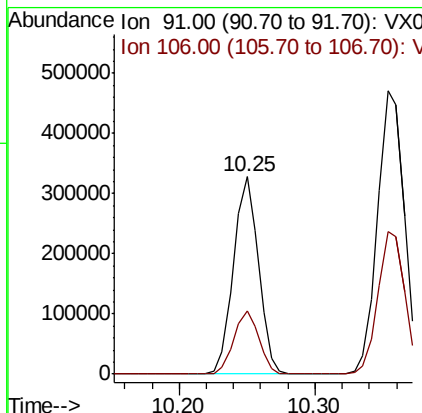
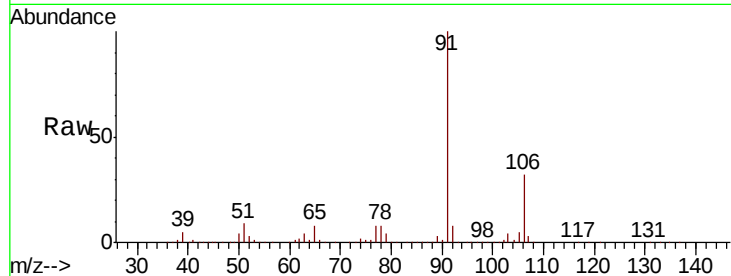




#67
Ethyl Benzene
Concen: 49.021 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

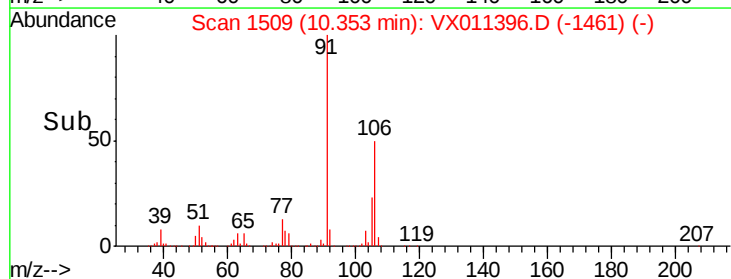
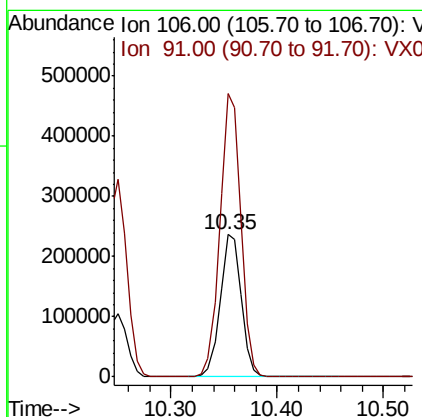
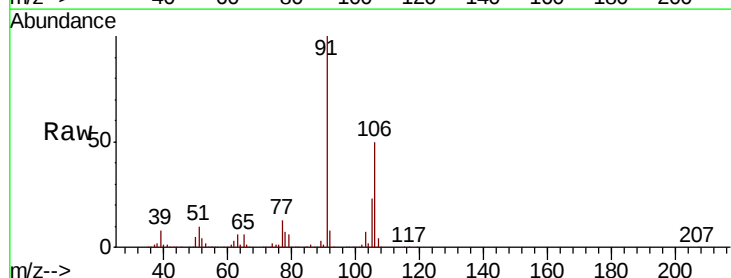
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

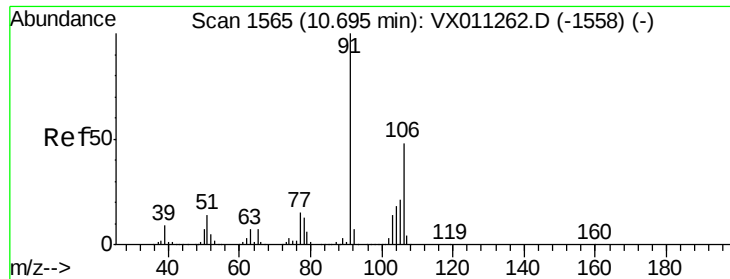
Tgt Ion: 91 Resp: 420789
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4



#68
m/p-Xylenes
Concen: 97.747 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 106 Resp: 324539
Ion Ratio Lower Upper
106 100
91 198.4 155.9 233.9

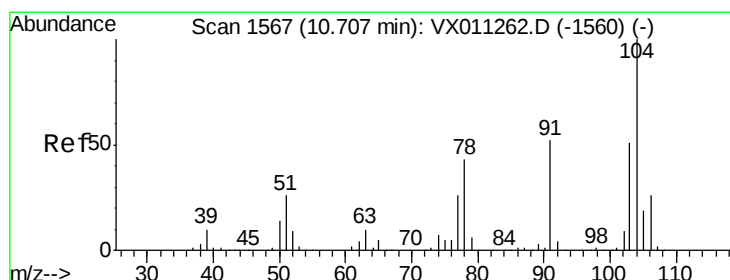
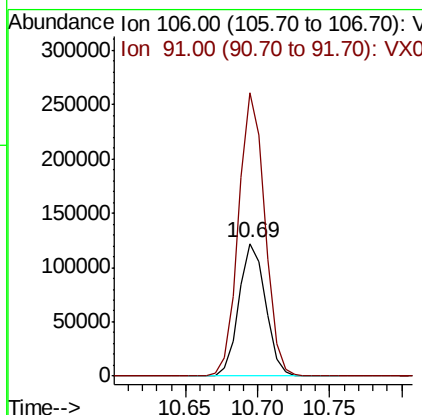
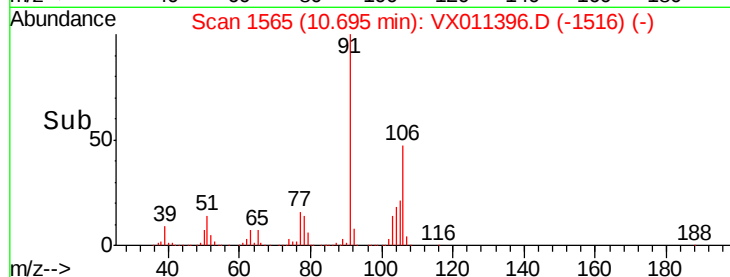
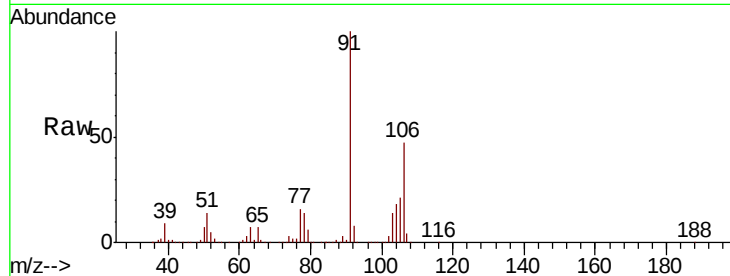




#69
o-Xylene
Concen: 48.188 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

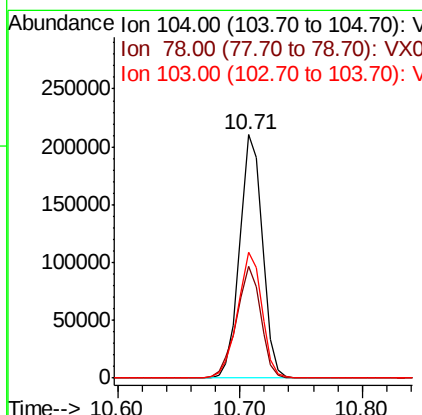
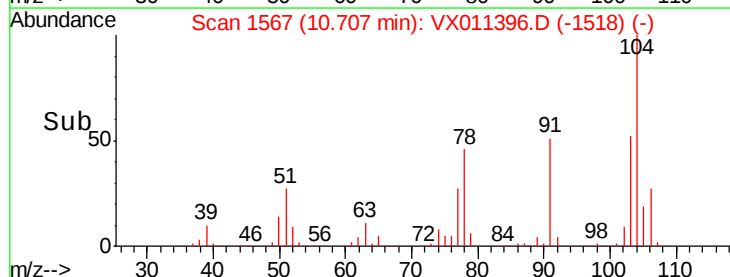
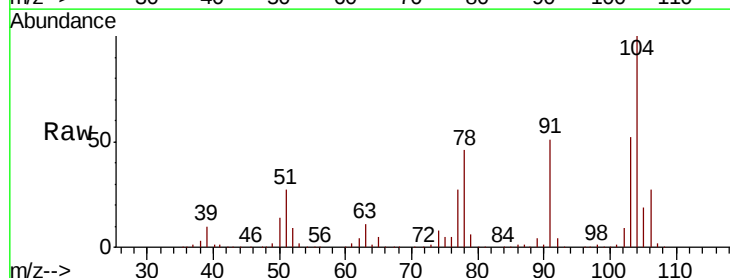
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

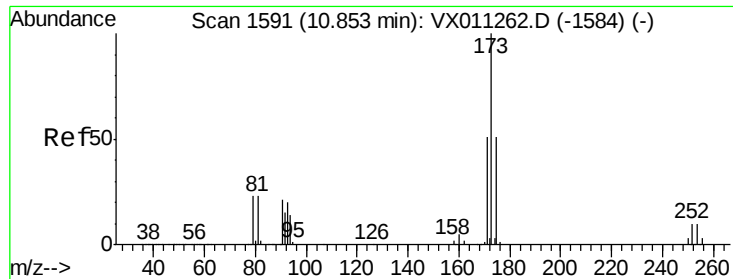
Tgt Ion:106 Resp: 157200
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.3



#70
Styrene
Concen: 50.091 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:104 Resp: 270383
Ion Ratio Lower Upper
104 100
78 49.2 36.9 55.3
103 55.4 44.4 66.6





#71

Bromoform

Concen: 47.179 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

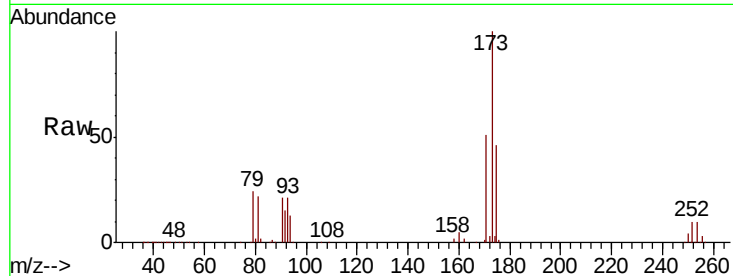
Tgt Ion:173 Resp: 73755

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

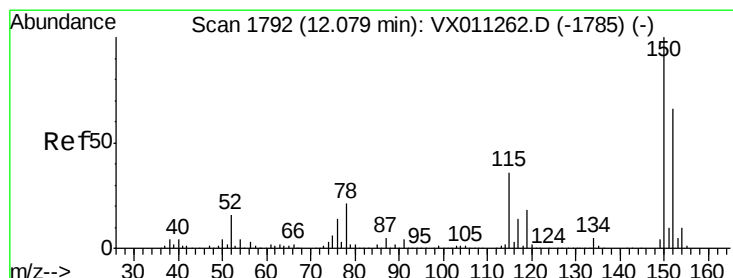
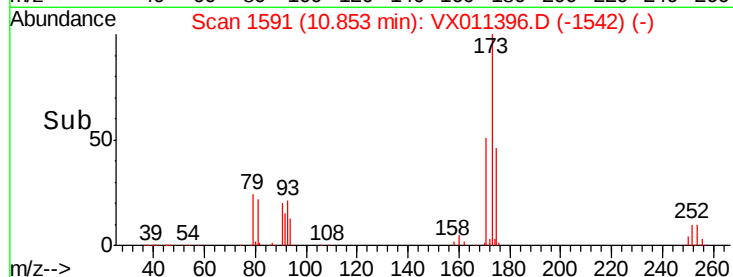
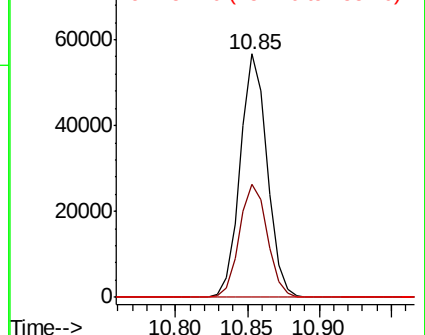
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

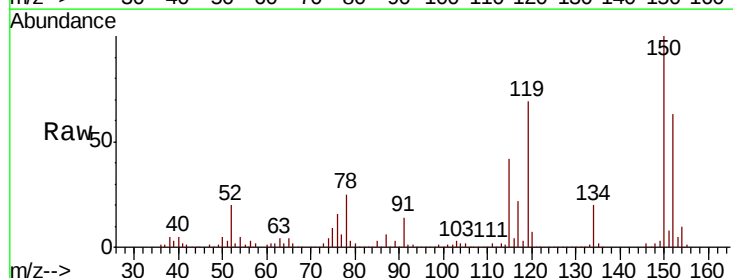
Tgt Ion:152 Resp: 129262

Ion Ratio Lower Upper

152 100

115 80.3 40.0 119.9

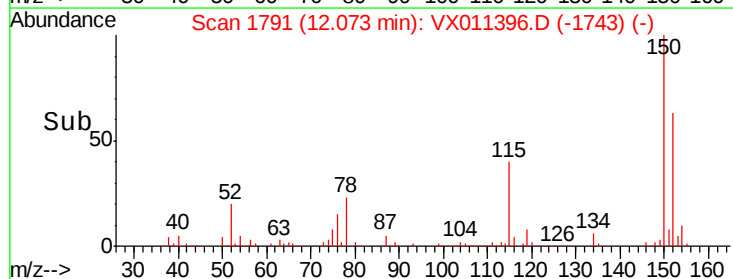
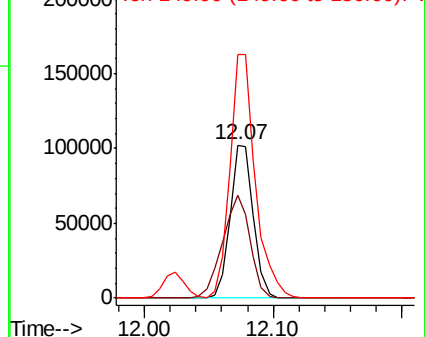
150 174.1 0.0 350.4

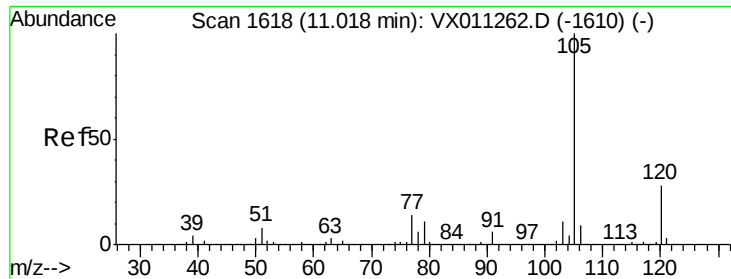


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.324 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

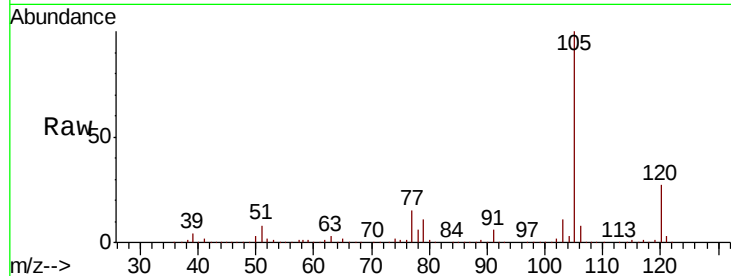
VSTDCCC050EC

Tgt Ion: 105 Resp: 427209

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

200000

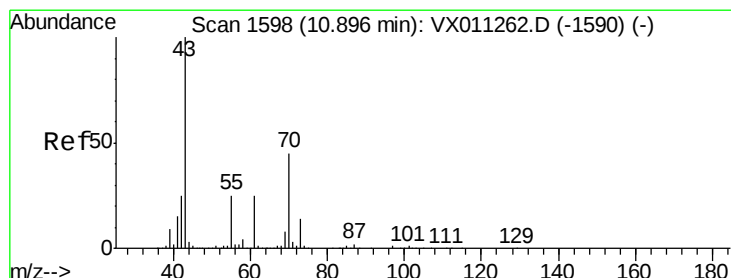
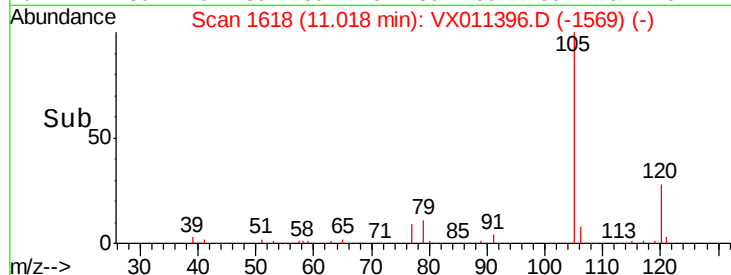
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 52.976 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Tgt Ion: 43 Resp: 169226

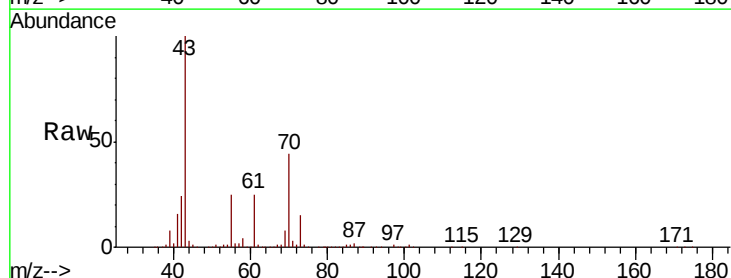
Ion Ratio Lower Upper

43 100

70 43.6 35.9 53.9

55 24.9 19.8 29.6

61 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

200000

150000

100000

50000

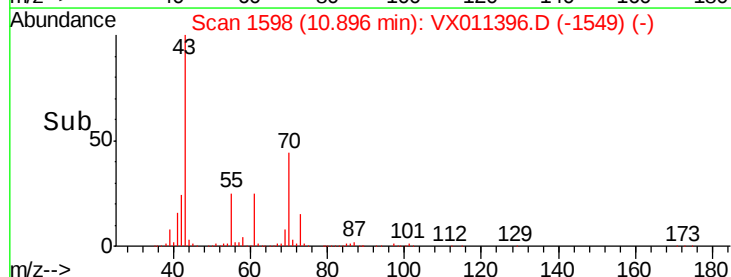
0

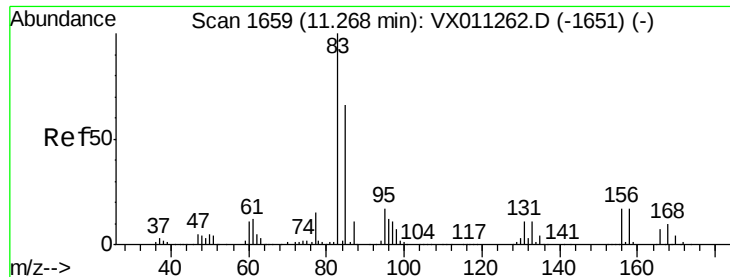
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.055 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

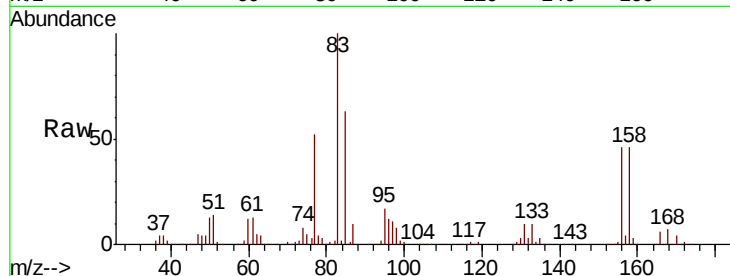
Tgt Ion: 83 Resp: 141577

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

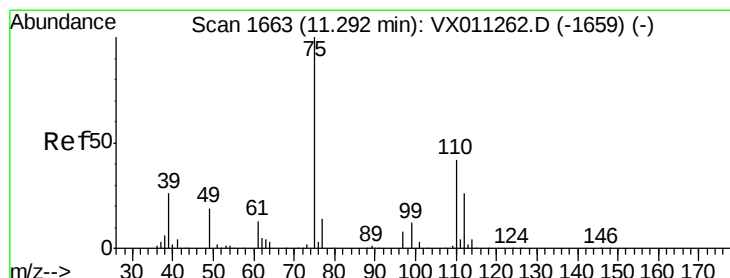
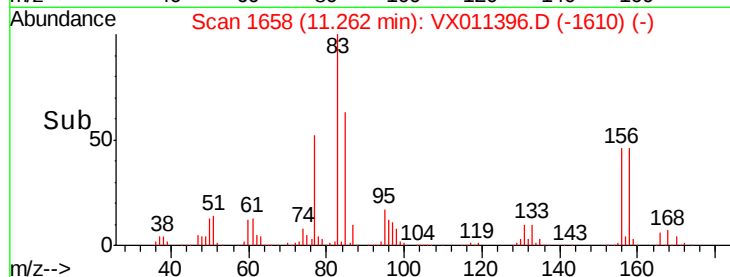
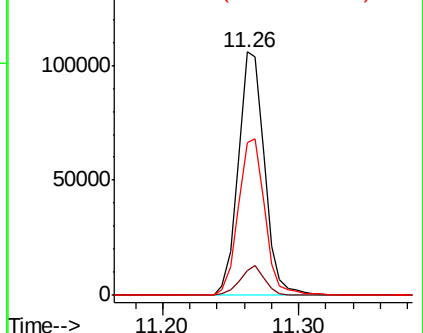
85 65.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.961 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011396.D

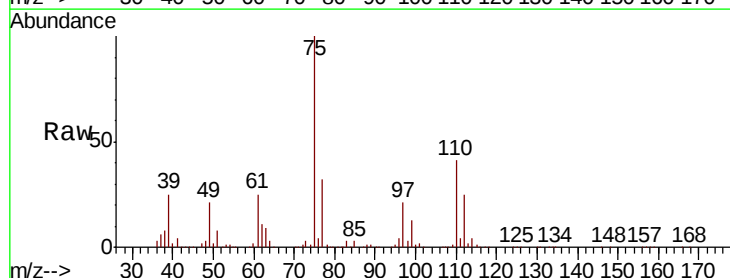
Acq: 08 Aug 2019 18:17

Tgt Ion: 75 Resp: 157627

Ion Ratio Lower Upper

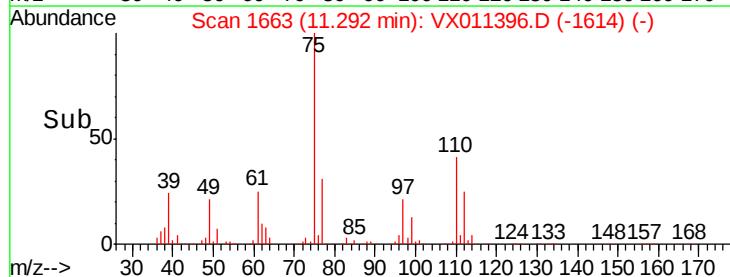
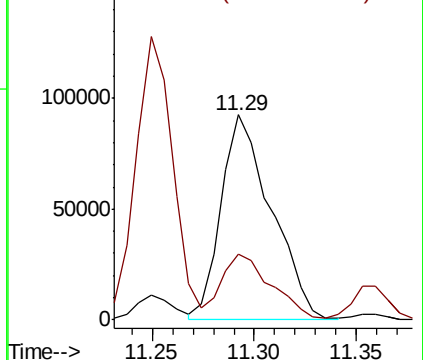
75 100

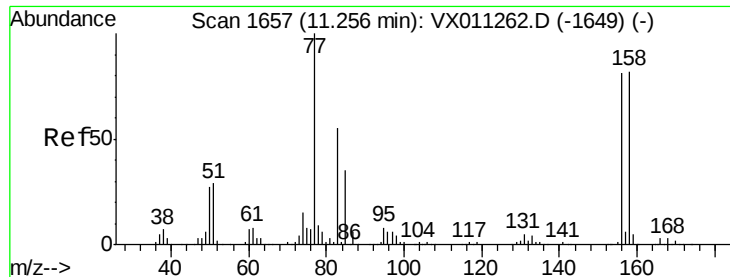
77 32.0 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.620 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

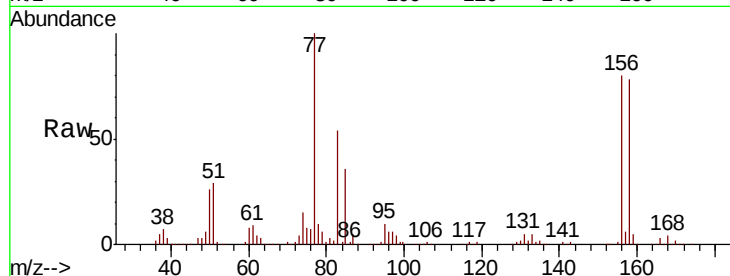
Tgt Ion:156 Resp: 114287

Ion Ratio Lower Upper

156 100

77 140.7 66.2 198.6

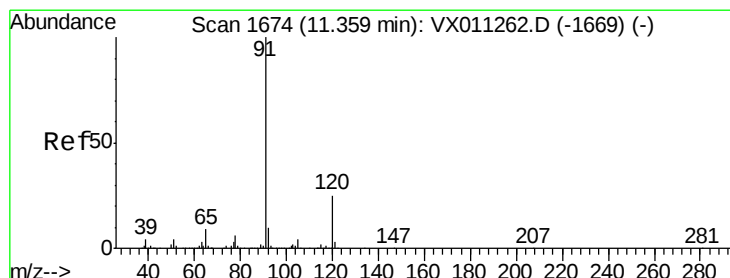
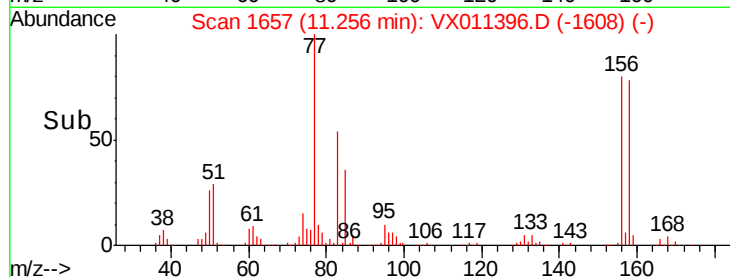
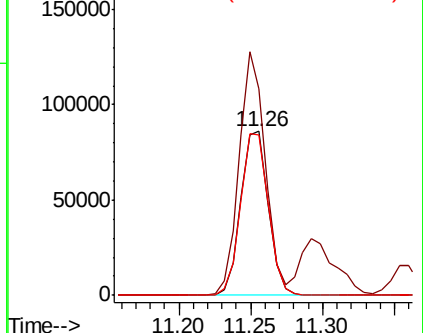
158 99.4 49.1 147.3



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: 49.470 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011396.D

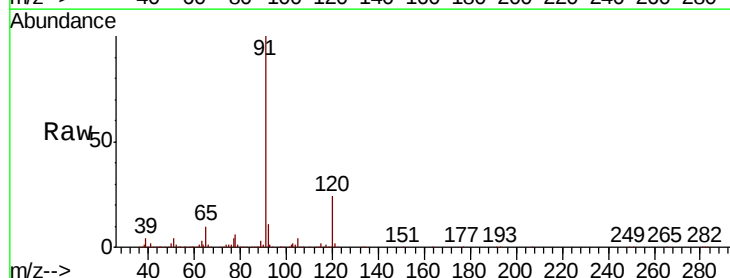
Acq: 08 Aug 2019 18:17

Tgt Ion: 91 Resp: 486358

Ion Ratio Lower Upper

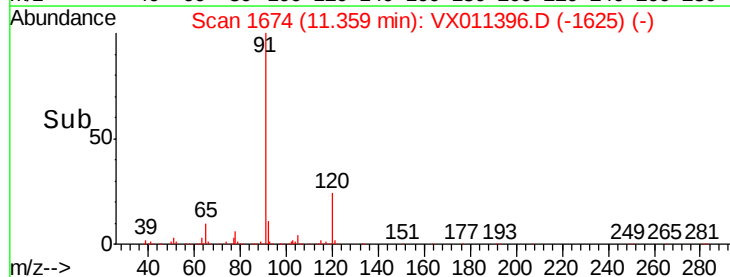
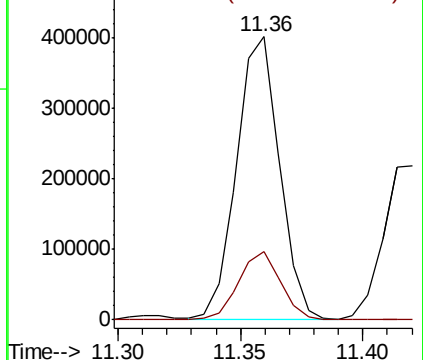
91 100

120 23.9 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.458 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

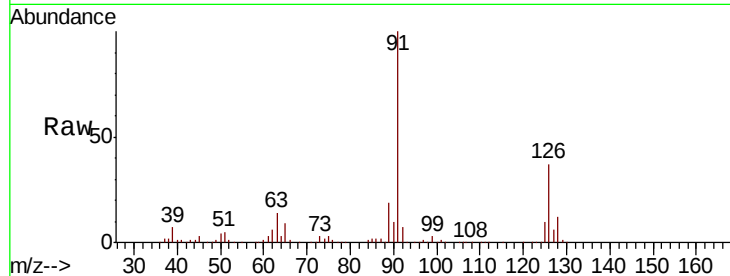
VSTDCCC050EC

Tgt Ion: 91 Resp: 283951

Ion Ratio Lower Upper

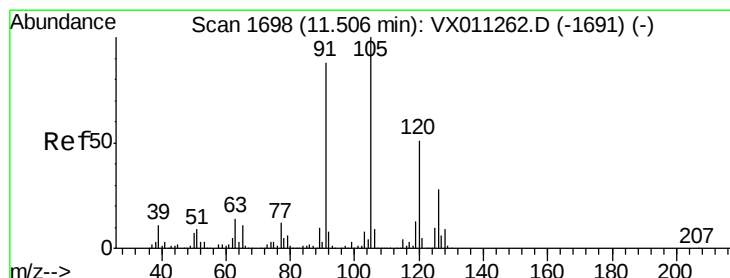
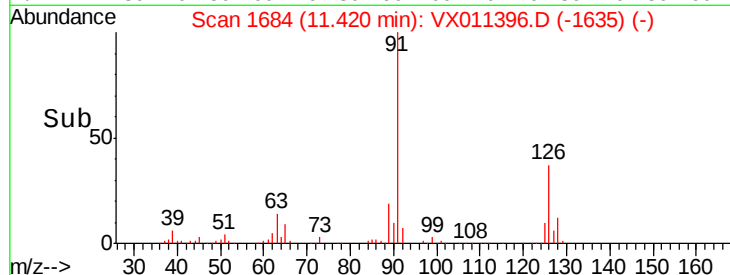
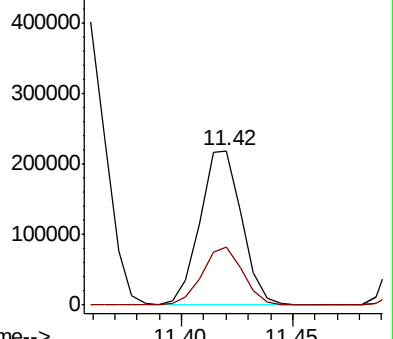
91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX011396.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011396.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.306 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011396.D

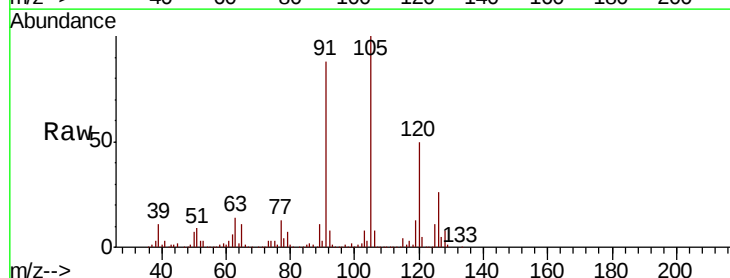
Acq: 08 Aug 2019 18:17

Tgt Ion: 105 Resp: 364889

Ion Ratio Lower Upper

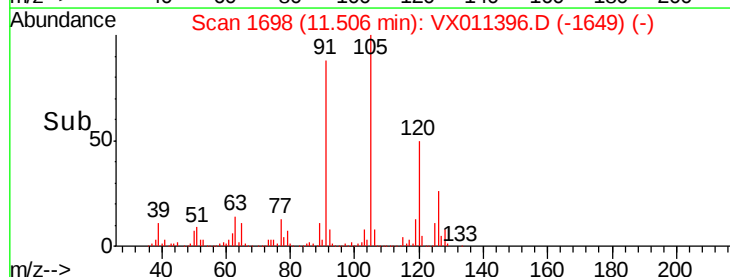
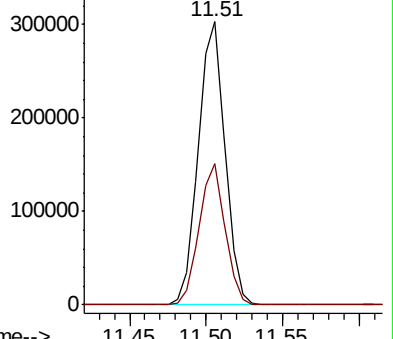
105 100

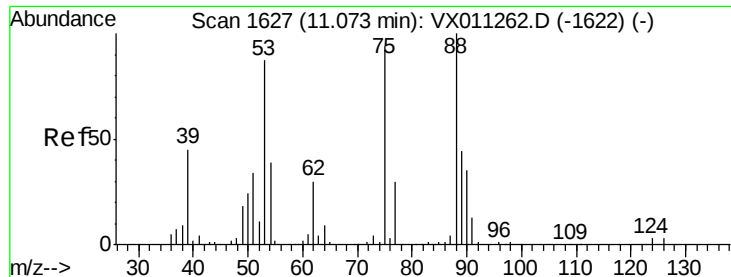
120 48.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011396.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011396.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.260 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

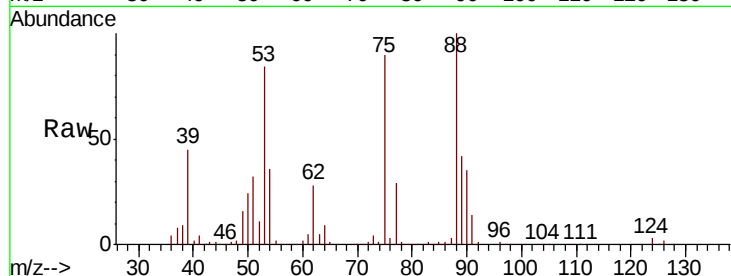
Tgt Ion: 75 Resp: 42391

Ion Ratio Lower Upper

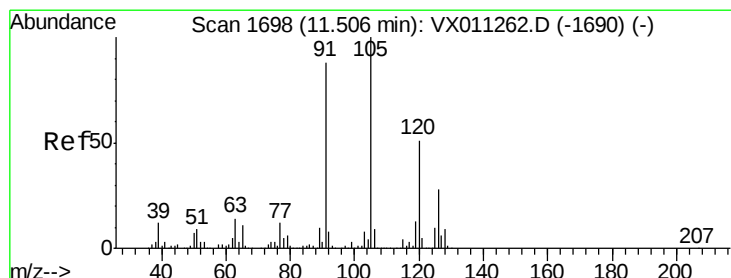
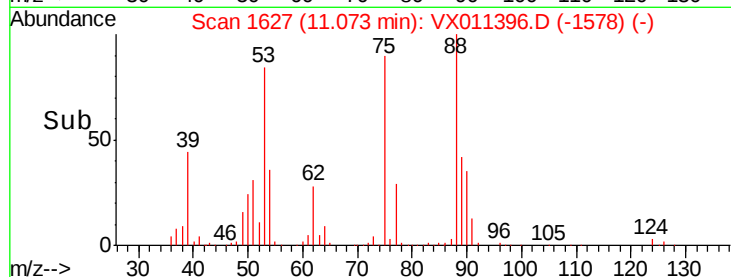
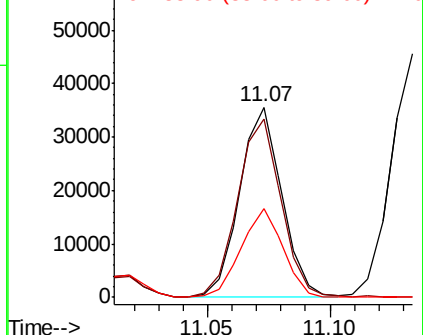
75 100

53 96.7 78.2 117.4

89 46.9 37.9 56.9



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: 49.173 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011396.D

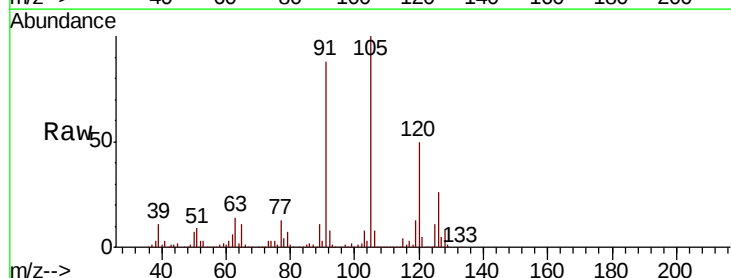
Acq: 08 Aug 2019 18:17

Tgt Ion: 91 Resp: 335810

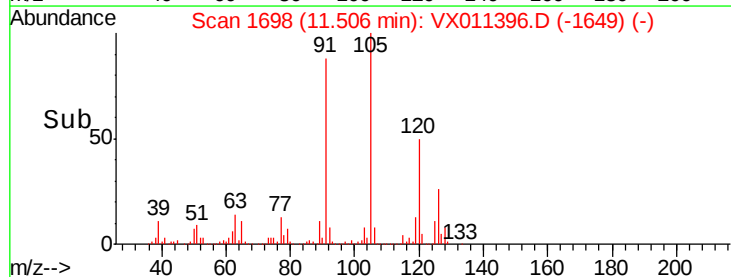
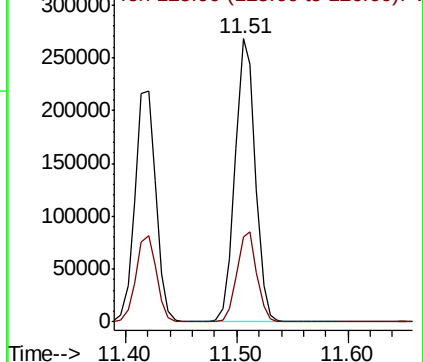
Ion Ratio Lower Upper

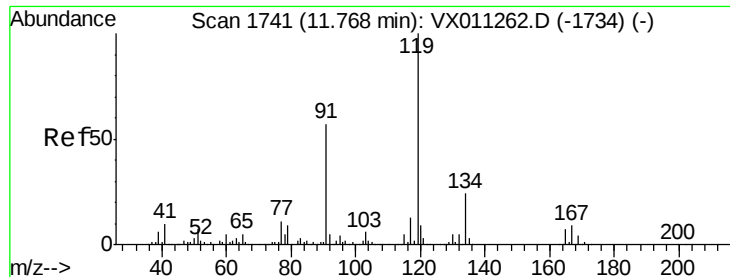
91 100

126 31.5 16.4 49.2



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

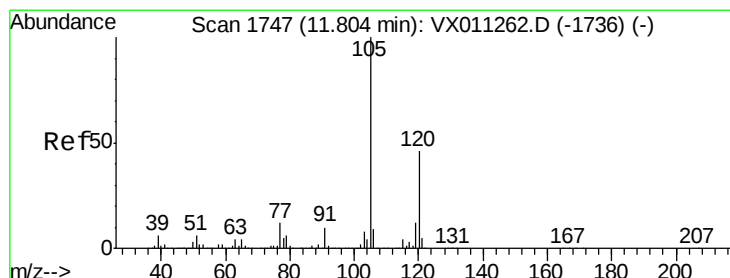
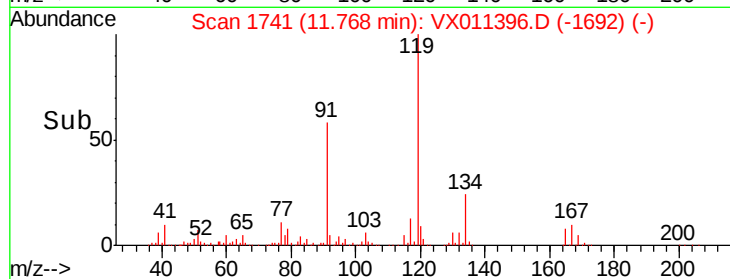
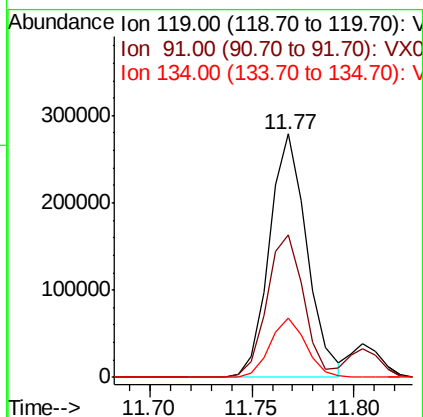
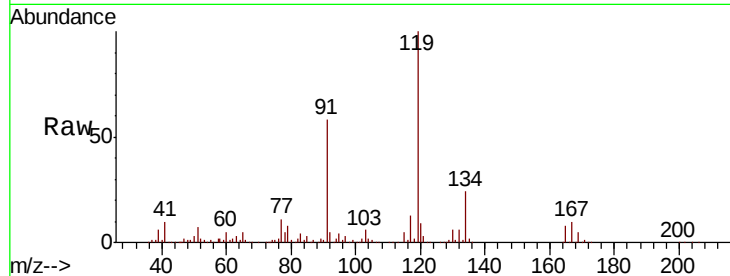




#83
tert-Butylbenzene
Concen: 49.314 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

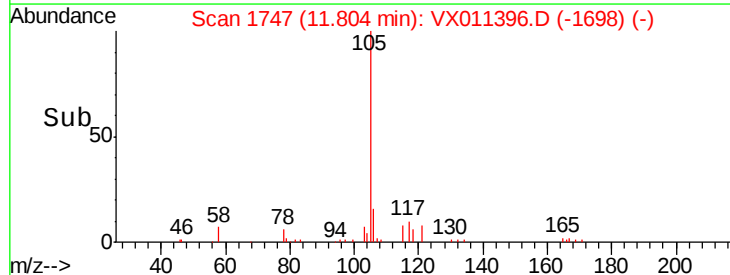
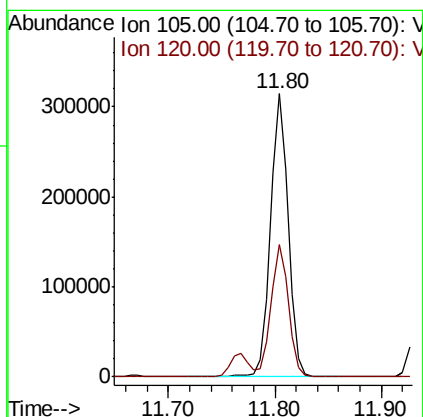
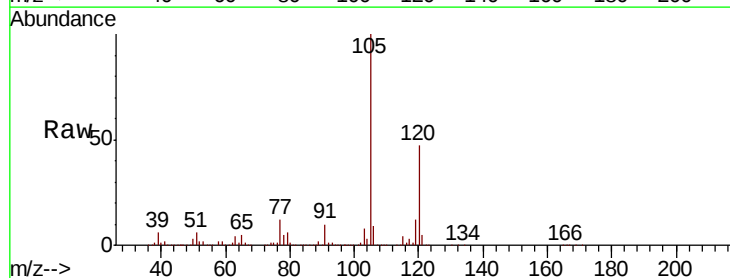
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

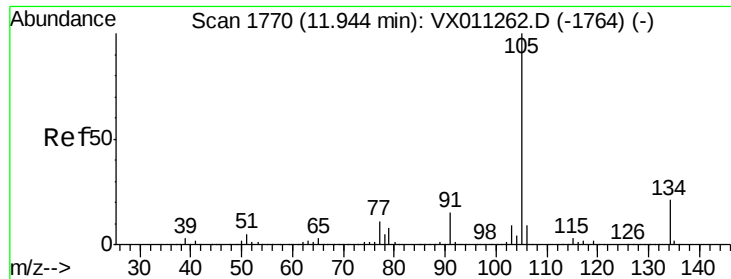
Tgt Ion:119 Resp: 357935
Ion Ratio Lower Upper
119 100
91 58.1 28.0 84.0
134 23.3 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 49.785 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:105 Resp: 366825
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

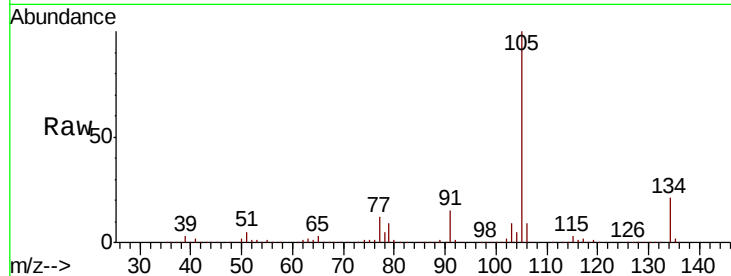
VSTDCCC050EC

Tgt Ion:105 Resp: 421109

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

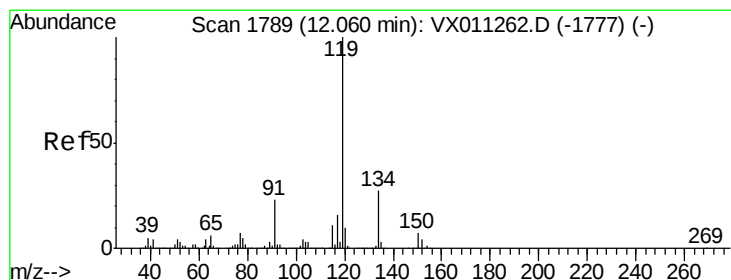
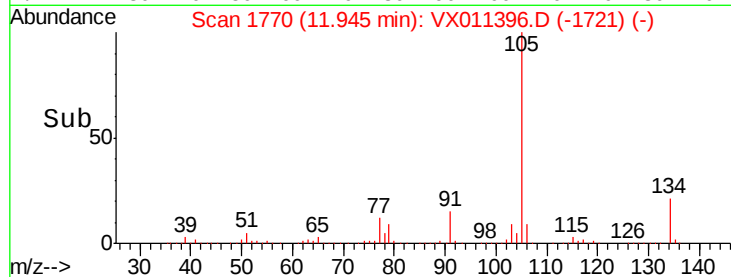
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.347 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011396.D

Acq: 08 Aug 2019 18:17

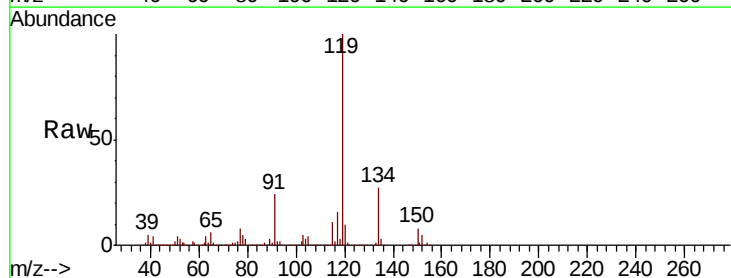
Tgt Ion:119 Resp: 395891

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

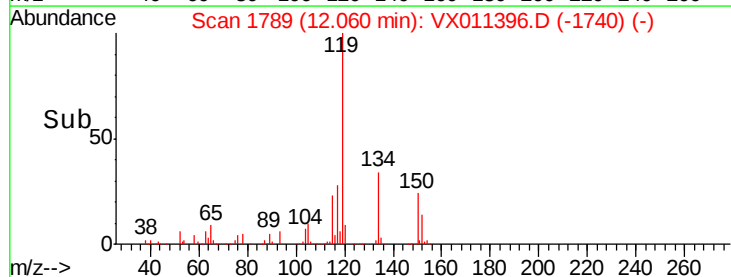
300000

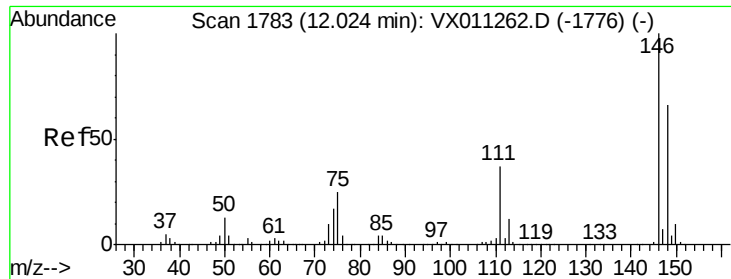
200000

100000

0

Time-->

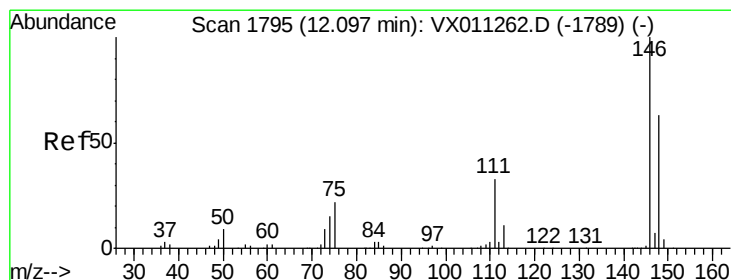
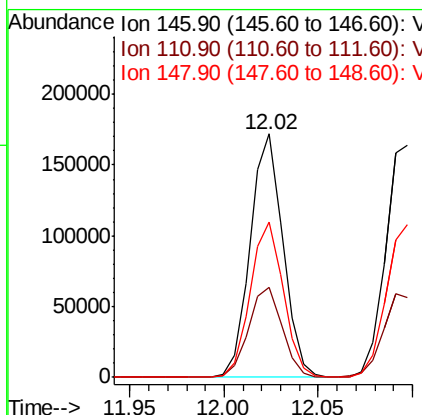
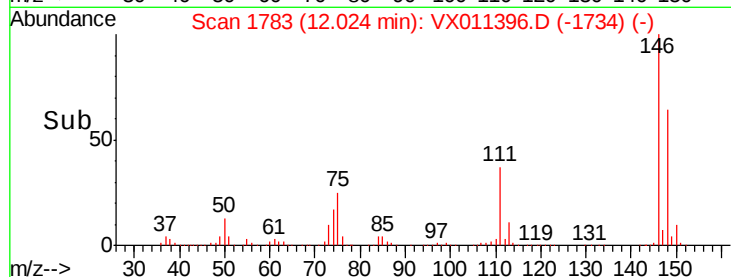
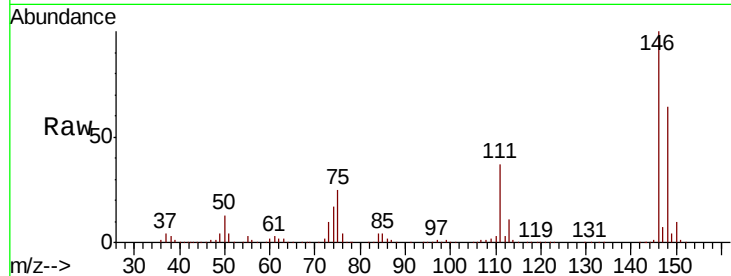




#87
 1,3-Dichlorobenzene
 Concen: 47.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

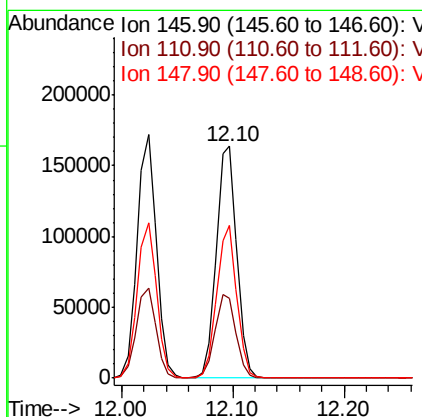
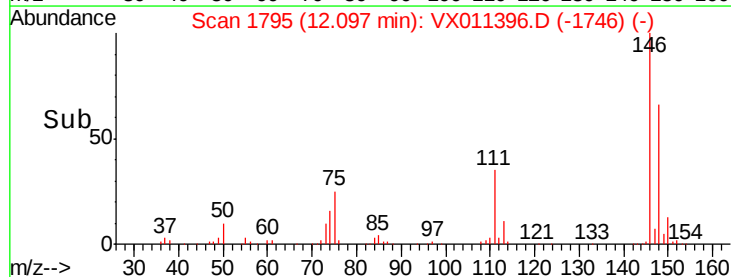
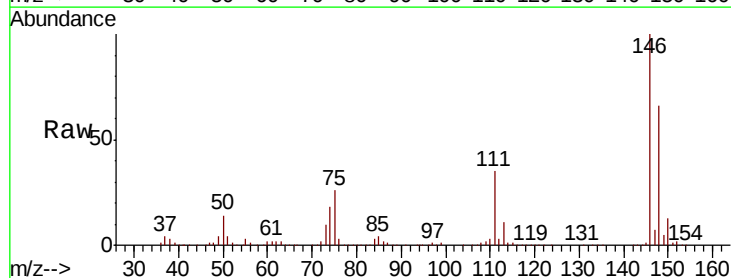
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 207591
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 46.555 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion:146 Resp: 207936
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.8 53.4
 148 64.2 31.8 95.3

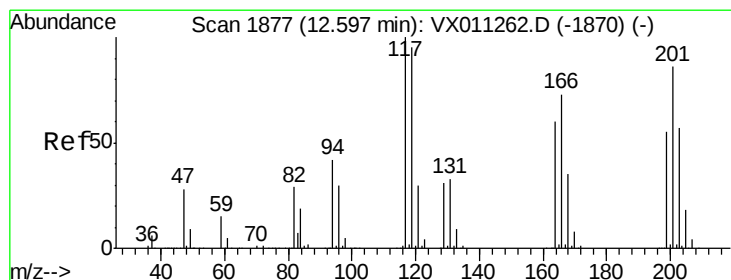
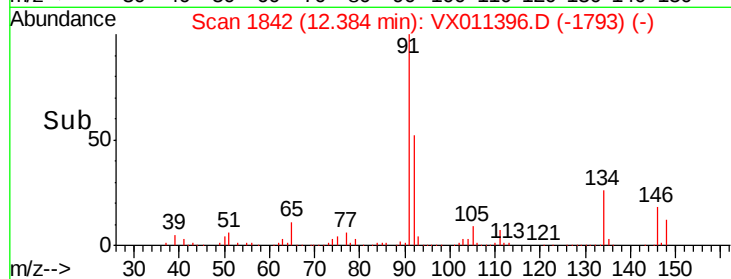
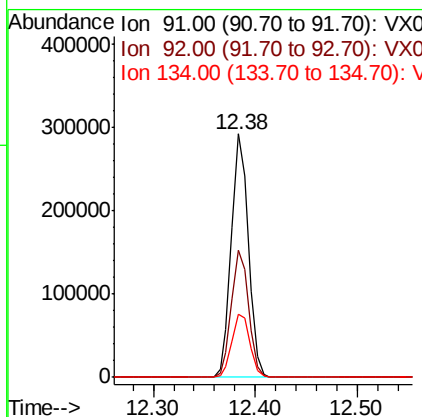
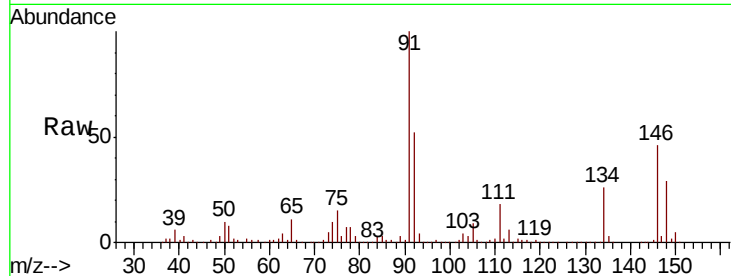




#89
n-Butylbenzene
Concen: 48.612 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

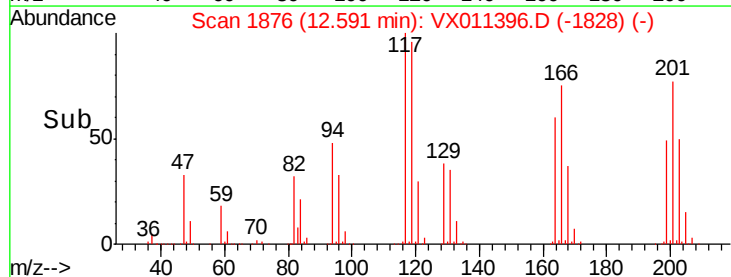
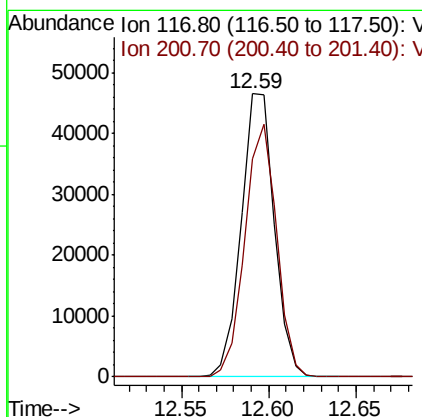
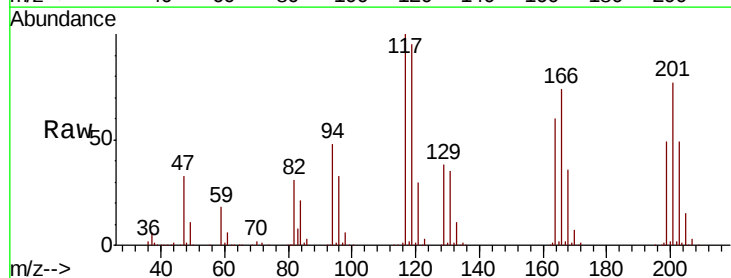
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 335994
Ion Ratio Lower Upper
91 100
92 52.6 25.8 77.3
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 51.591 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion: 117 Resp: 61191
Ion Ratio Lower Upper
117 100
201 85.7 41.8 125.4

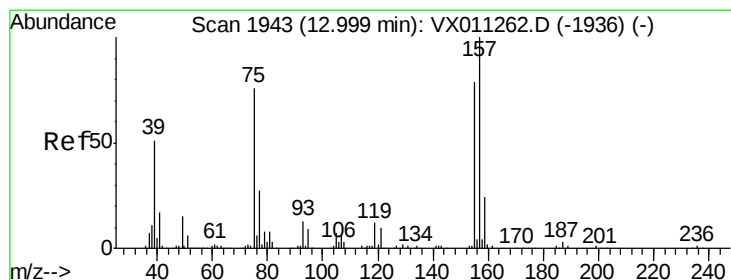
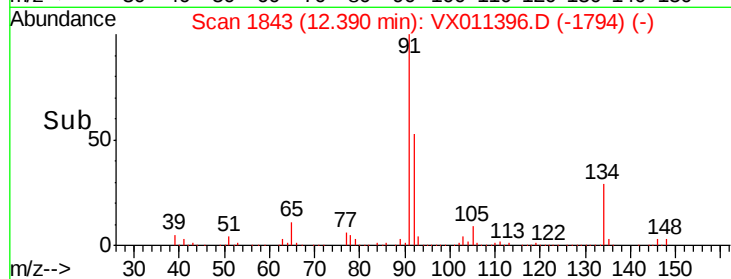
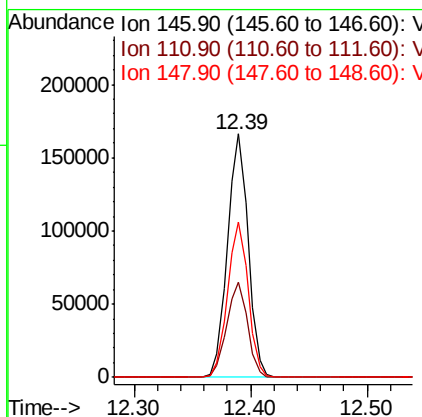
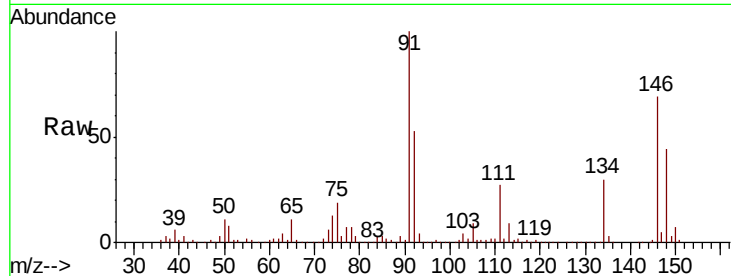




#91
 1,2-Dichlorobenzene
 Concen: 47.106 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

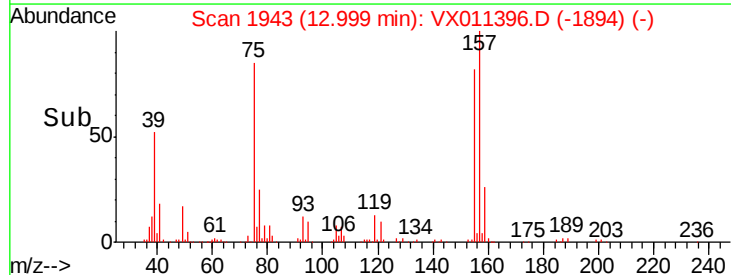
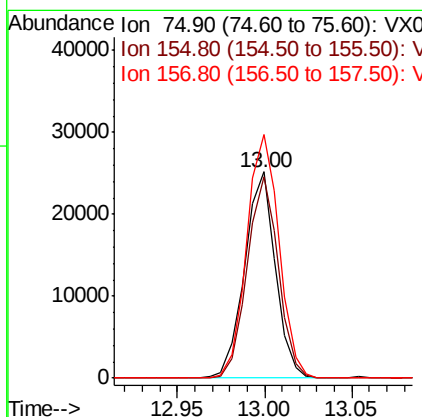
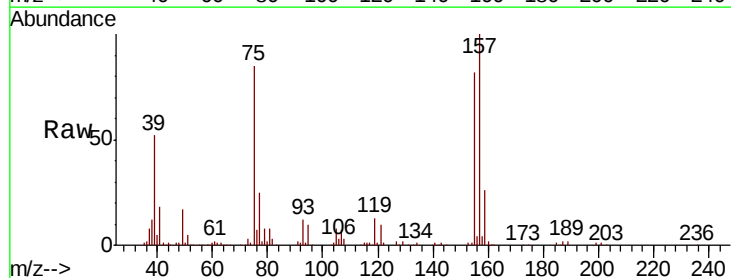
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 205013
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.1
 148 63.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.029 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion: 75 Resp: 30839
 Ion Ratio Lower Upper
 75 100
 155 98.2 51.9 155.8
 157 123.8 64.3 192.7

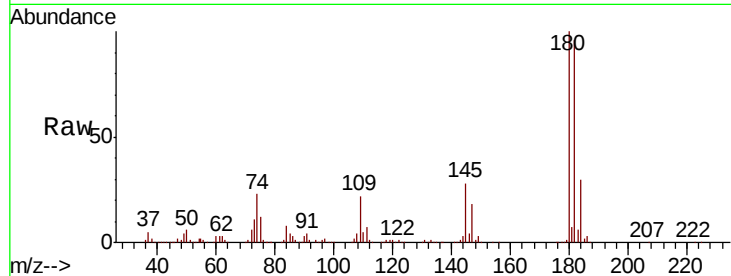




#93
 1,2,4-Trichlorobenzene
 Concen: 48.168 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	29.1	14.8	44.3

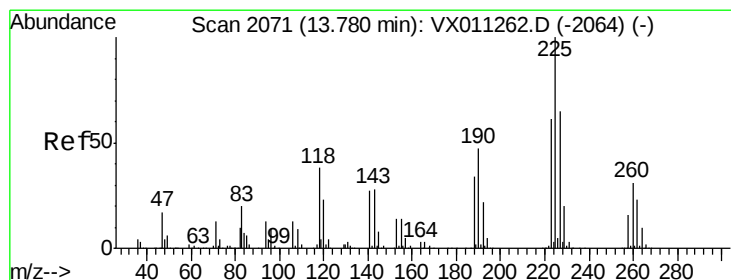
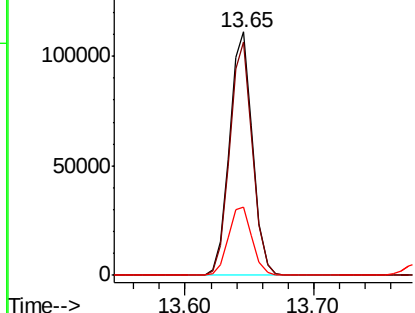
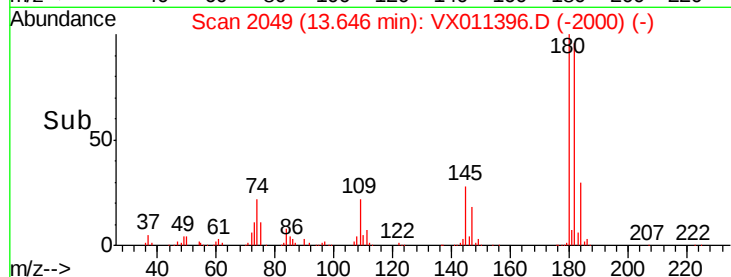


Abundance

Ion 179.80 (179.50 to 180.50): V

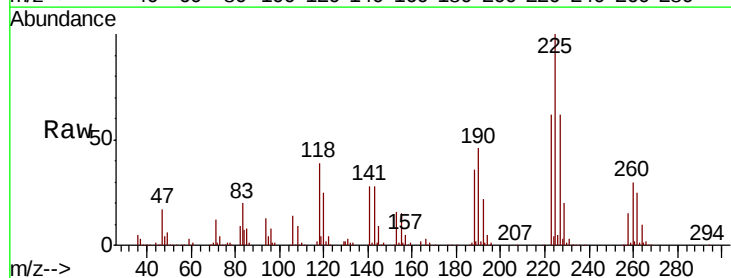
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.962 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011396.D
 Acq: 08 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.0	93.0
227	63.8	32.2	96.6

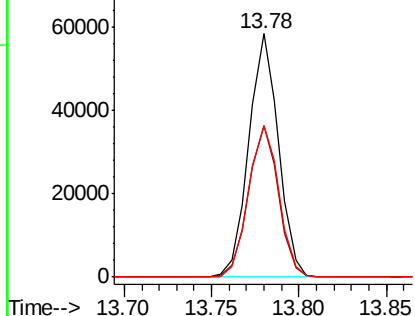
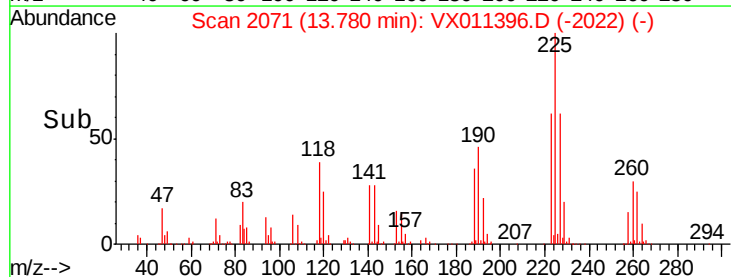


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

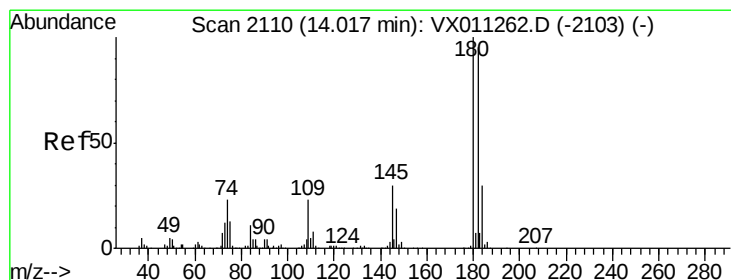
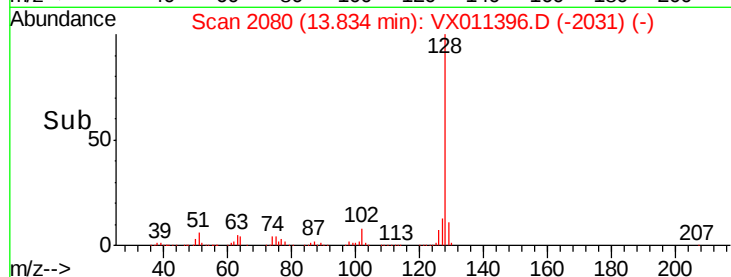
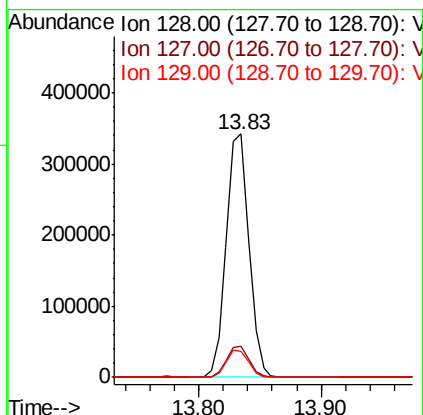
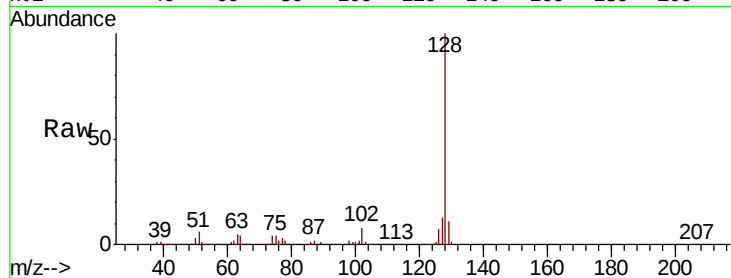




#95
Naphthalene
Concen: 52.017 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 439054
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.283 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011396.D
Acq: 08 Aug 2019 18:17

Tgt Ion:180 Resp: 141677
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 31.0 15.2 45.6

