

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011756.D
 Acq On : 22 Aug 2019 12:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 01:59:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	563561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	517343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	193205	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.49	113	175585	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.71	98	642914	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	241492	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209621	53.505	ug/l	99
3) Chloromethane	1.32	50	165616	48.203	ug/l	100
4) Vinyl Chloride	1.40	62	161672	47.071	ug/l	99
5) Bromomethane	1.63	94	87202	46.087	ug/l	98
6) Chloroethane	1.71	64	93735	46.677	ug/l	98
7) Trichlorofluoromethane	1.92	101	266377	48.713	ug/l	98
8) Diethyl Ether	2.18	74	87268	46.934	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	159879	47.248	ug/l	98
10) Methyl Iodide	2.50	142	189923	45.952	ug/l	99
11) Tert butyl alcohol	3.04	59	187146	224.583	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150153	45.508	ug/l	94
13) Acrolein	2.28	56	77423	240.356	ug/l	98
14) Allyl chloride	2.71	41	239084	46.361	ug/l	96
15) Acrylonitrile	3.13	53	424521	222.730	ug/l	99
16) Acetone	2.43	43	417088	227.367	ug/l	98
17) Carbon Disulfide	2.56	76	385765	46.242	ug/l	100
18) Methyl Acetate	2.76	43	227357	45.675	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	499004	47.148	ug/l	98
20) Methylene Chloride	2.85	84	165380	44.097	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	162654	45.704	ug/l	96
22) Diisopropyl ether	3.84	45	477370	47.736	ug/l	95
23) Vinyl Acetate	3.81	43	1987533	240.048	ug/l	100
24) 1,1-Dichloroethane	3.68	63	276736	46.870	ug/l	98
25) 2-Butanone	4.66	43	628769	238.797	ug/l	99
26) 2,2-Dichloropropane	4.57	77	243254	48.514	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	193204	47.340	ug/l	98
28) Bromochloromethane	5.00	49	130537	48.704	ug/l	96
29) Tetrahydrofuran	5.11	42	397924	235.756	ug/l	99
30) Chloroform	5.20	83	303526	47.383	ug/l	98
31) Cyclohexane	5.57	56	265713	51.242	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	276012	49.568	ug/l	100
36) 1,1-Dichloropropene	5.79	75	226664	51.289	ug/l	99
37) Ethyl Acetate	4.82	43	231774	49.559	ug/l	99
38) Carbon Tetrachloride	5.77	117	249020	49.720	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293374	53.571	ug/l	99
40) Benzene	6.13	78	667916	48.857	ug/l	99
41) Methacrylonitrile	5.03	41	131001	48.164	ug/l	99
42) 1,2-Dichloroethane	6.18	62	237898	47.604	ug/l	100
43) Isopropyl Acetate	6.43	43	367819	48.593	ug/l	99
44) Trichloroethene	7.21	130	207093	49.141	ug/l	100
45) 1,2-Dichloropropane	7.51	63	168735	49.105	ug/l	99
46) Dibromomethane	7.65	93	119956	47.350	ug/l	97
47) Bromodichloromethane	7.89	83	222386	48.764	ug/l	98
48) Methyl methacrylate	7.76	41	188582	50.061	ug/l	97
49) 1,4-Dioxane	7.73	88	98411	942.874	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1197431	240.078	ug/l	99
52) Toluene	8.78	92	436912	49.387	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	248534	51.913	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	274227	52.506	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	180724	49.033	ug/l	97
56) Ethyl methacrylate	9.17	69	270946	51.689	ug/l	98
57) 1,3-Dichloropropane	9.37	76	283389	47.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	736278	267.020	ug/l	100
59) 2-Hexanone	9.49	43	932896	243.691	ug/l	99
60) Dibromochloromethane	9.58	129	202497	50.814	ug/l	99
61) 1,2-Dibromoethane	9.66	107	195790	49.506	ug/l	100
64) Tetrachloroethene	9.33	164	209344	50.722	ug/l	99
65) Chlorobenzene	10.13	112	493290	48.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	189726	50.135	ug/l	99
67) Ethyl Benzene	10.25	91	839197	49.719	ug/l	99
68) m/p-Xylenes	10.35	106	669124	102.813	ug/l	98
69) o-Xylene	10.69	106	322540	50.477	ug/l	97
70) Styrene	10.71	104	553904	51.819	ug/l	98
71) Bromoform	10.85	173	167670	51.361	ug/l #	96
73) Isopropylbenzene	11.01	105	862655	50.558	ug/l	100
74) N-amyl acetate	10.89	43	328534	49.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	269256	47.676	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	308006	61.997	ug/l	83
77) Bromobenzene	11.25	156	251229	49.945	ug/l	98
78) n-propylbenzene	11.35	91	959665	52.600	ug/l	100
79) 2-Chlorotoluene	11.41	91	567295	49.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	742108	52.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	85241	51.744	ug/l	98
82) 4-Chlorotoluene	11.51	91	660866	50.511	ug/l	99
83) tert-Butylbenzene	11.77	119	736526	52.437	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	746983	51.959	ug/l	99
85) sec-Butylbenzene	11.94	105	852088	53.034	ug/l	100
86) p-Isopropyltoluene	12.06	119	822387	53.199	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	431658	49.832	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	435016	49.637	ug/l	100
89) n-Butylbenzene	12.38	91	684206	53.466	ug/l	100
90) Hexachloroethane	12.59	117	127651	53.152	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	425259	48.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60898	46.388	ug/l	98

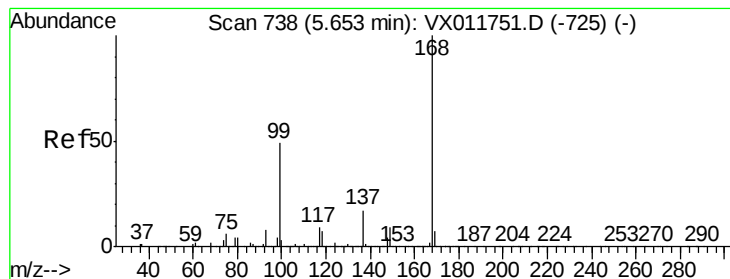
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	342197	53.247	ug/l	99
94) Hexachlorobutadiene	13.78	225	188821	53.619	ug/l	98
95) Naphthalene	13.83	128	947816	53.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338315	52.429	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

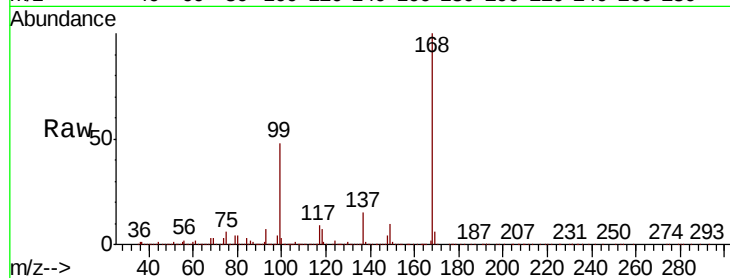
VSTDCCC050

Tgt Ion:168 Resp: 419788

Ion Ratio Lower Upper

168 100

99 47.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

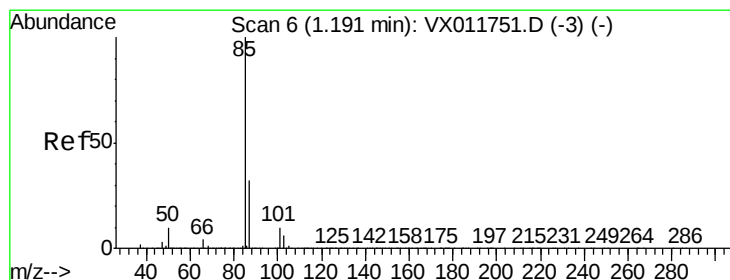
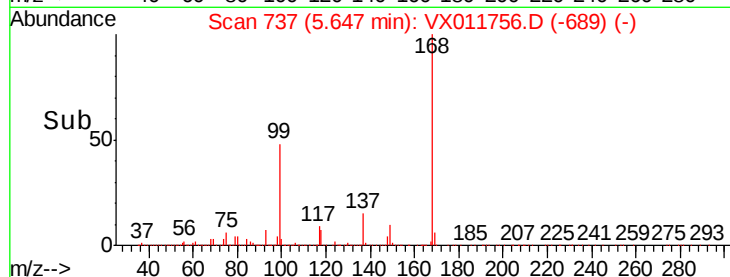
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.505 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011756.D

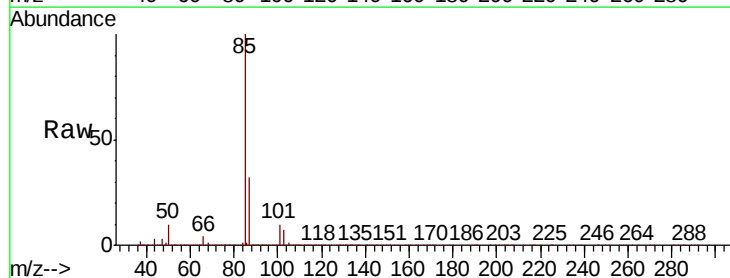
Acq: 22 Aug 2019 12:39

Tgt Ion: 85 Resp: 209621

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

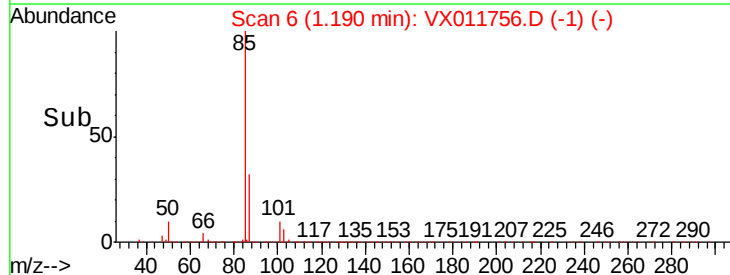
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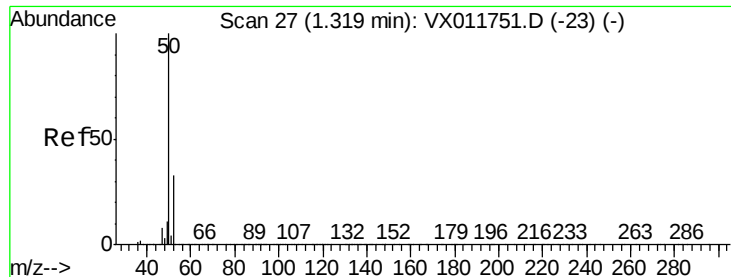
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1.15 1.20 1.25 1.30

Time-->

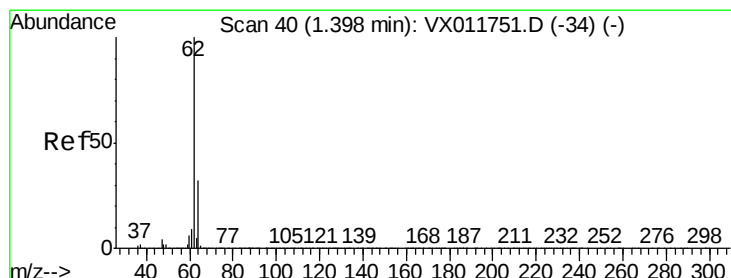
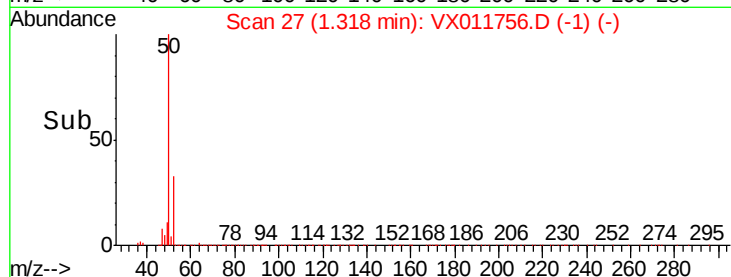
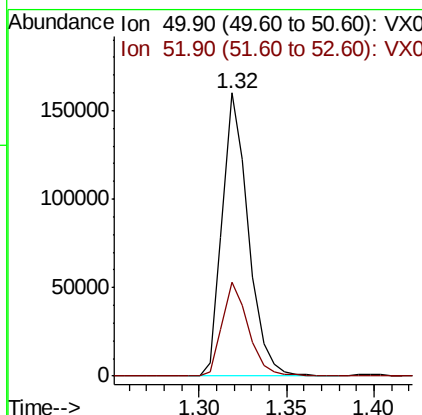
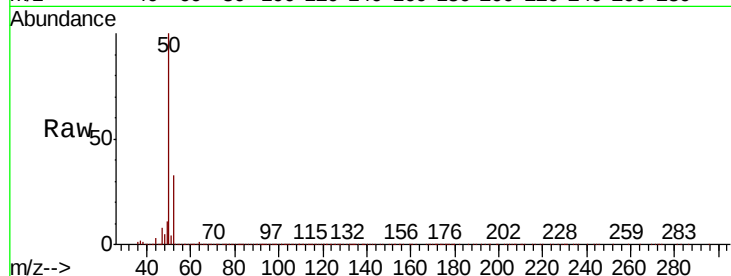




#3
Chloromethane
Concen: 48.203 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

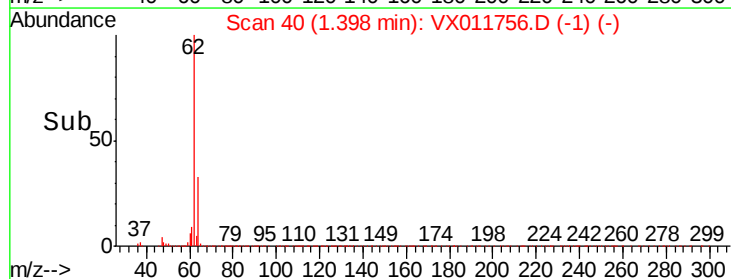
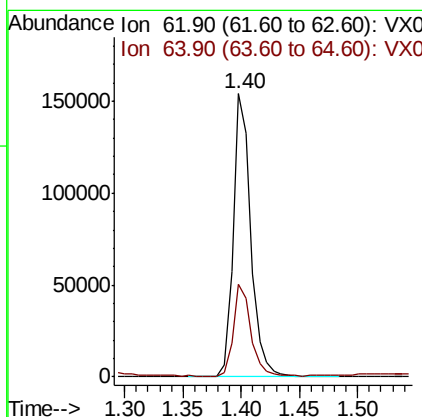
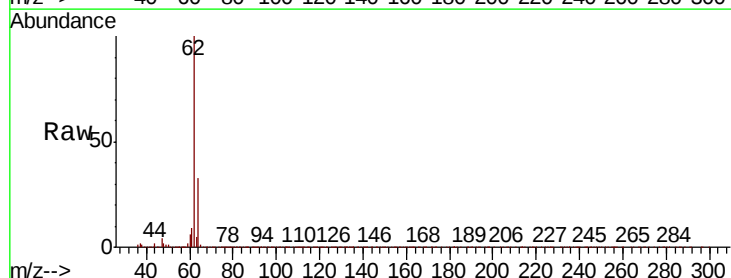
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

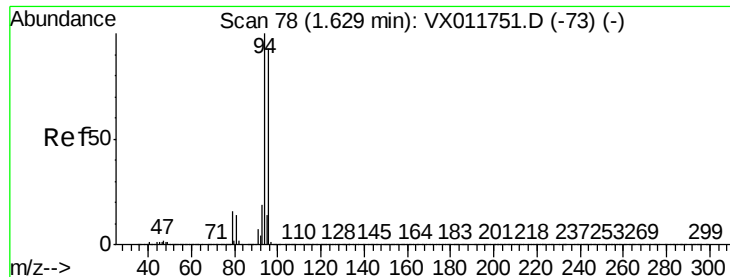
Tgt Ion: 50 Resp: 165616
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 47.071 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 62 Resp: 161672
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5

Bromomethane

Concen: 46.087 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

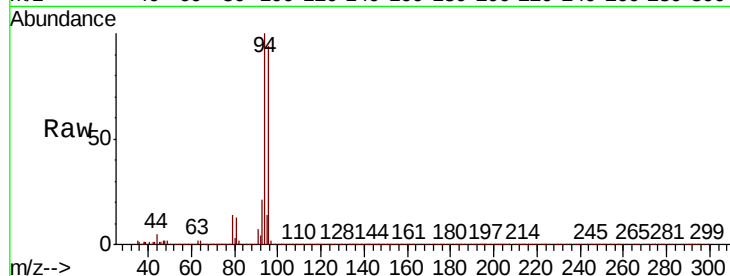
VSTDCCC050

Tgt Ion: 94 Resp: 87202

Ion Ratio Lower Upper

94 100

96 94.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

100000

80000

60000

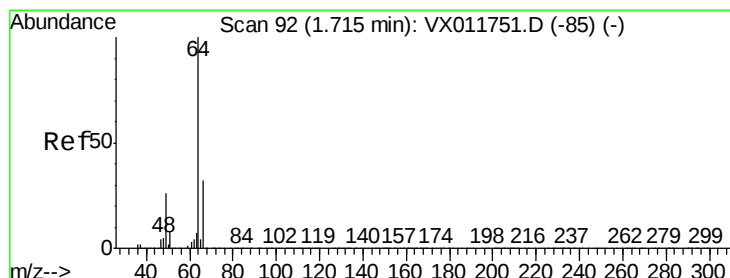
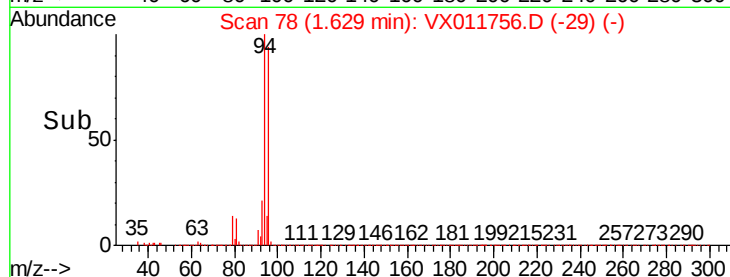
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.677 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011756.D

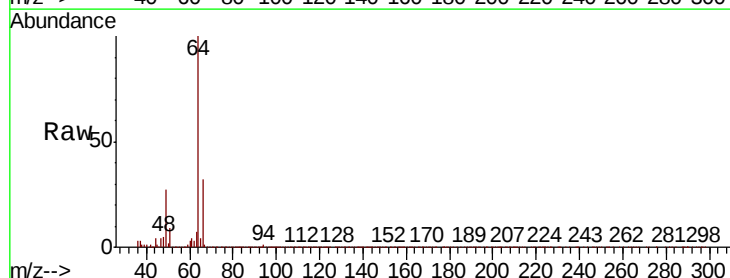
Acq: 22 Aug 2019 12:39

Tgt Ion: 64 Resp: 93735

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

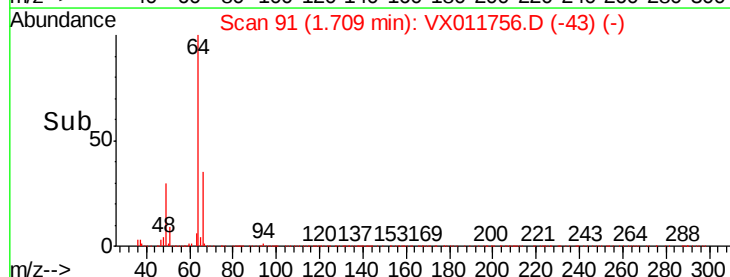
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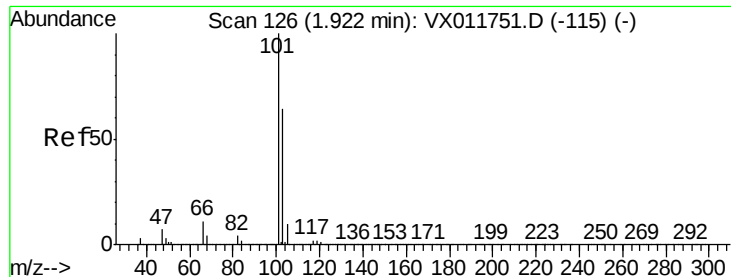
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Time-->

1.65 1.70 1.75 1.80



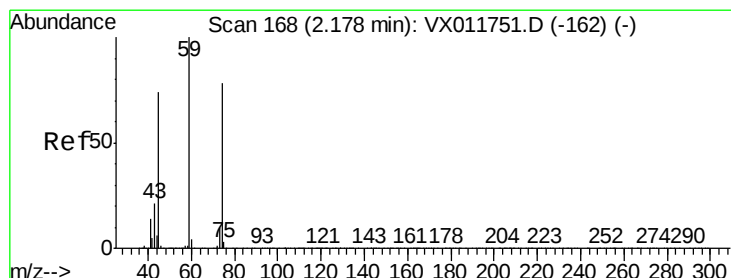
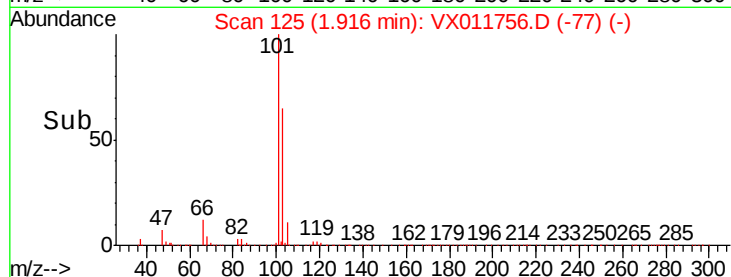
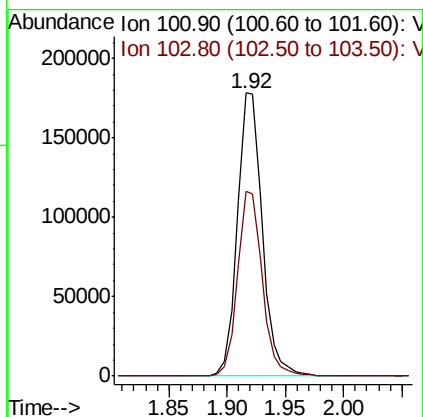
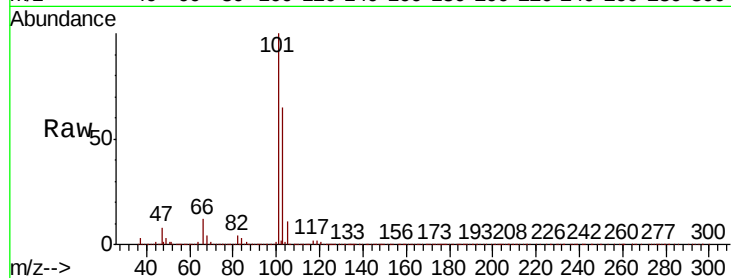


#7

Trichlorofluoromethane
 Concen: 48.713 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

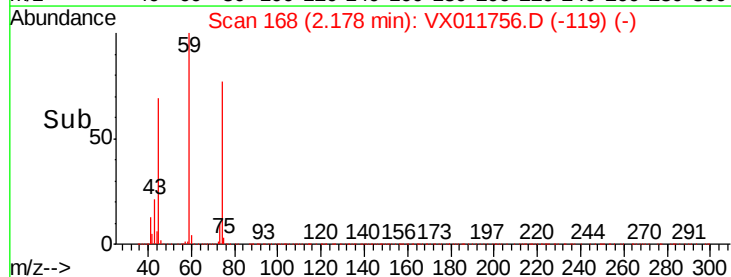
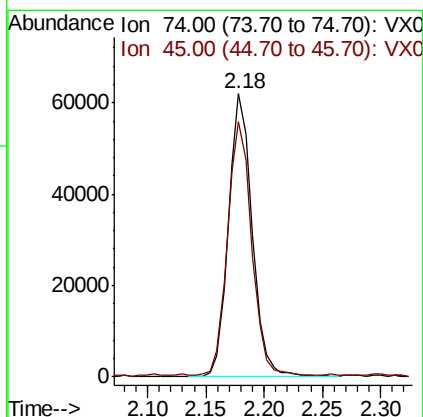
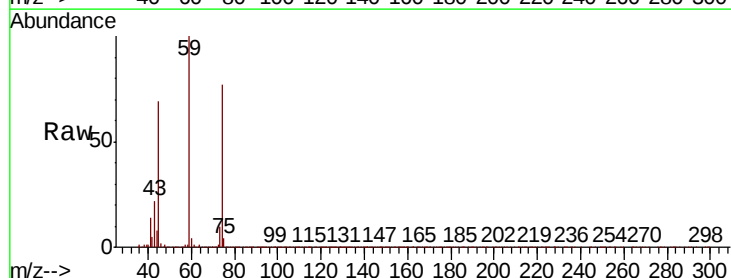
Tgt Ion: 101 Resp: 266377
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.2 76.8

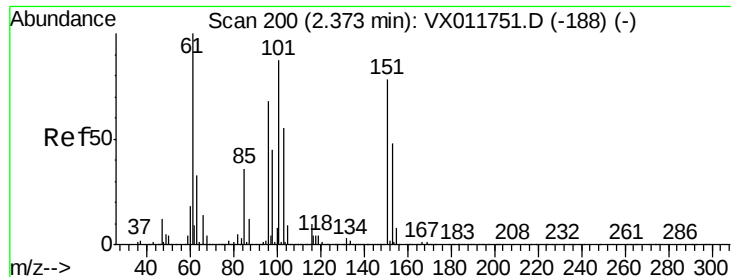


#8

Diethyl Ether
 Concen: 46.934 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion: 74 Resp: 87268
 Ion Ratio Lower Upper
 74 100
 45 91.4 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.248 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

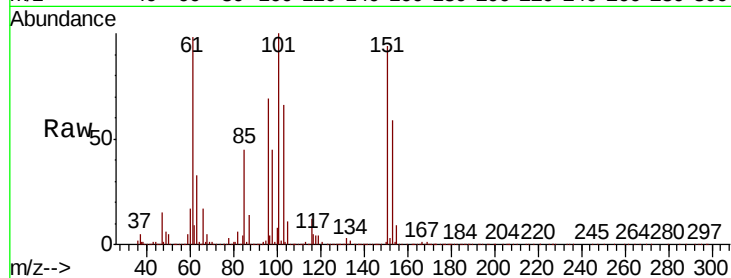
Tgt Ion:101 Resp: 159879

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

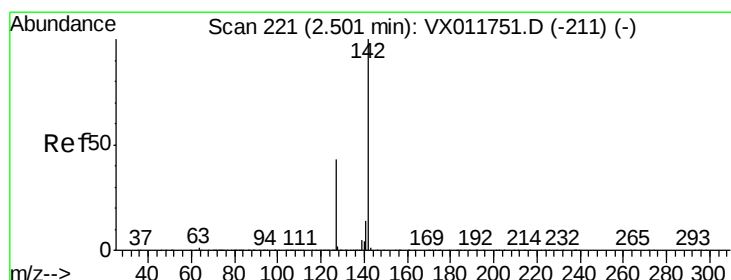
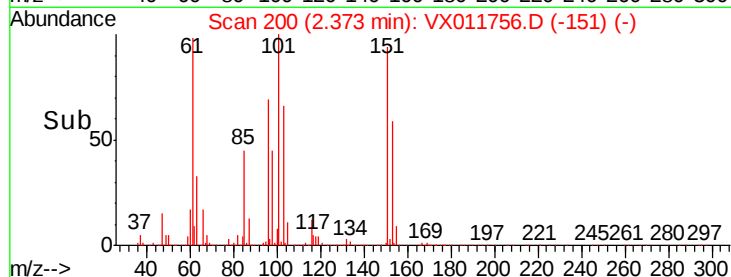
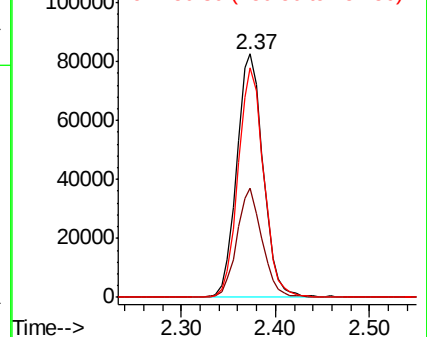
151 91.2 71.4 107.2



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: 45.952 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

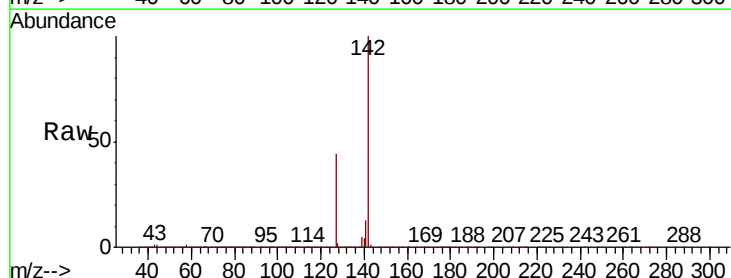
Tgt Ion:142 Resp: 189923

Ion Ratio Lower Upper

142 100

127 42.9 33.5 50.3

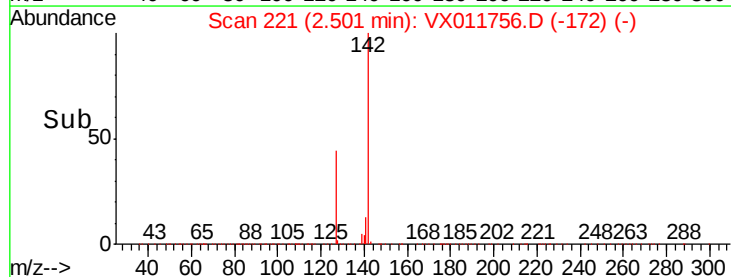
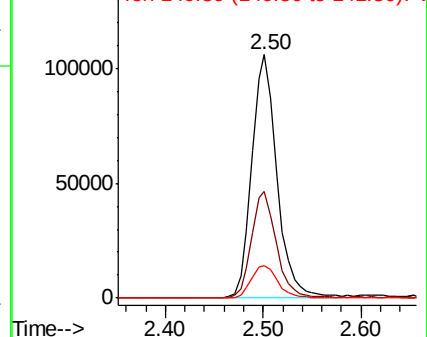
141 14.1 11.4 17.2

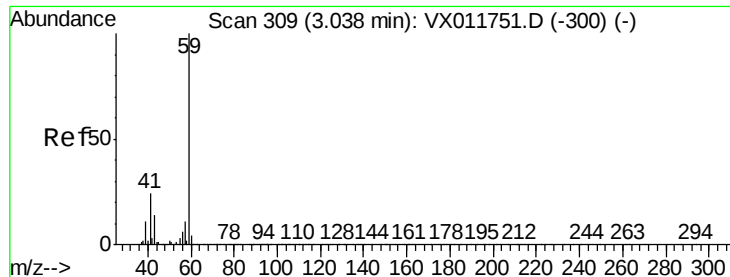


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



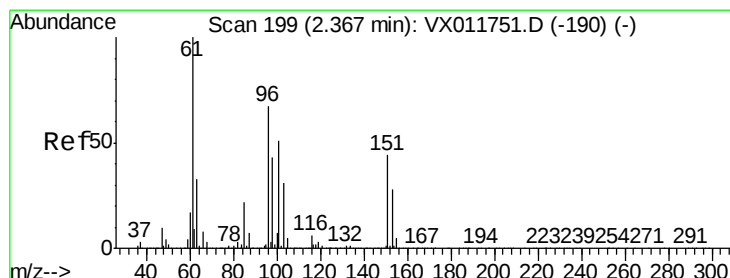
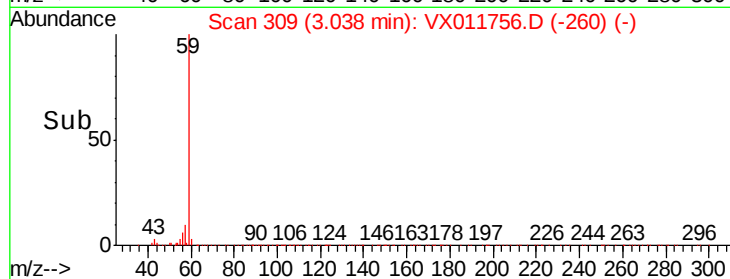
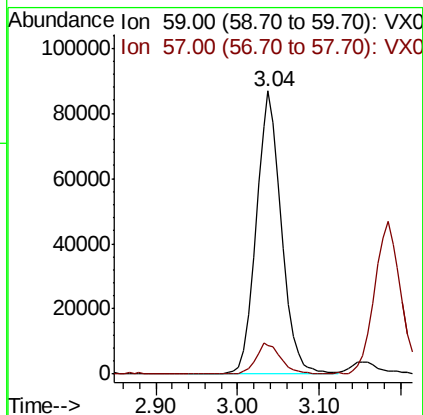
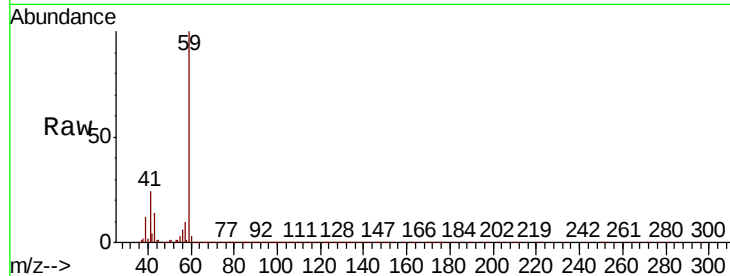


#11

Tert butyl alcohol
Concen: 224.583 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

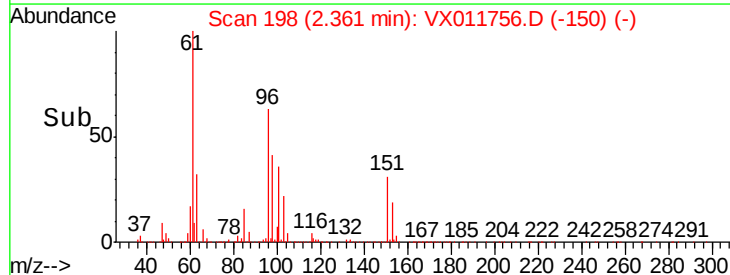
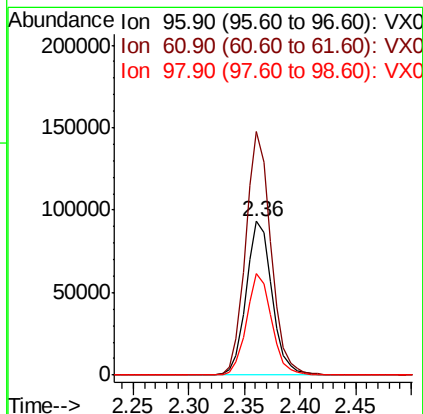
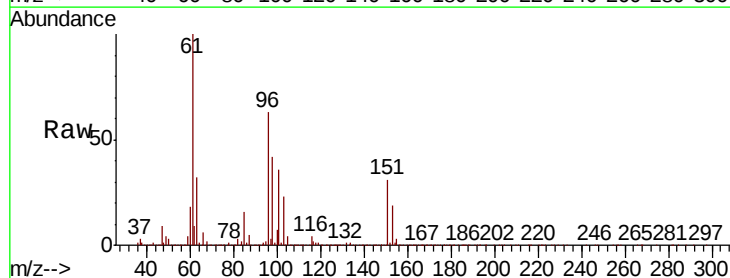
Tgt Ion: 59 Resp: 187146
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

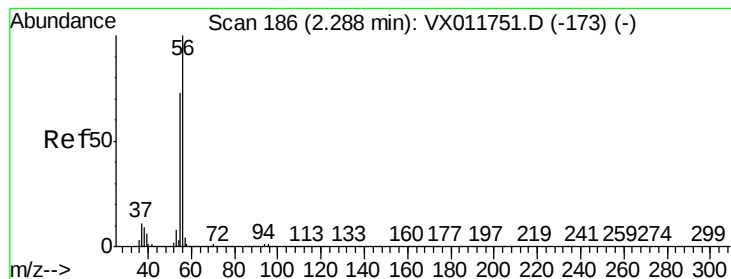


#12

1,1-Dichloroethene
Concen: 45.508 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 96 Resp: 150153
Ion Ratio Lower Upper
96 100
61 159.0 119.4 179.2
98 66.0 51.2 76.8





#13

Acrolein

Concen: 240.356 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampled :

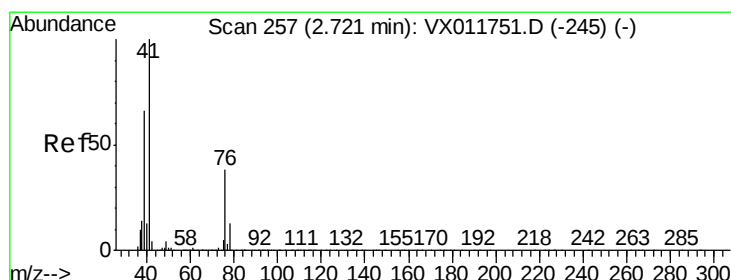
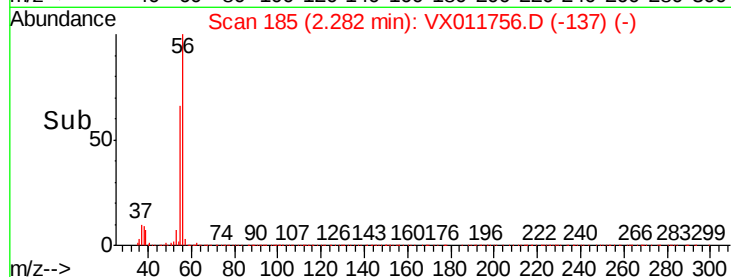
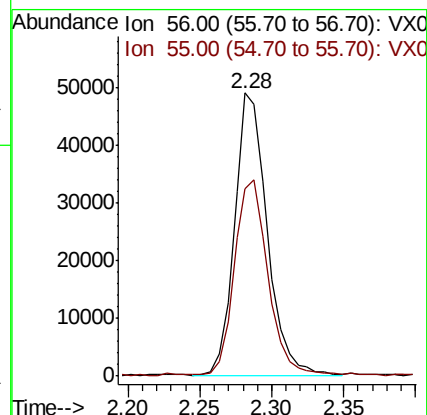
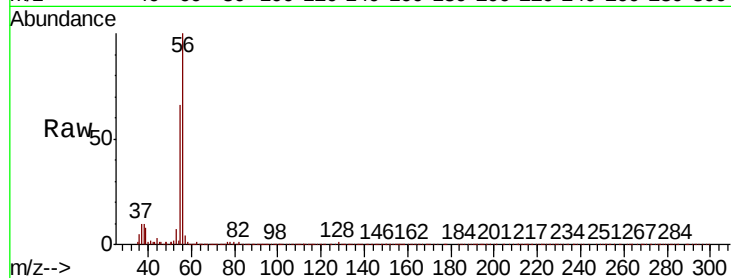
VSTDCCC050

Tgt Ion: 56 Resp: 77423

Ion Ratio Lower Upper

56 100

55 69.8 54.8 82.2



#14

Allyl chloride

Concen: 46.361 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

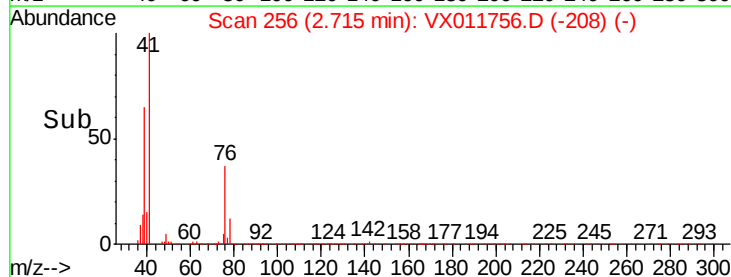
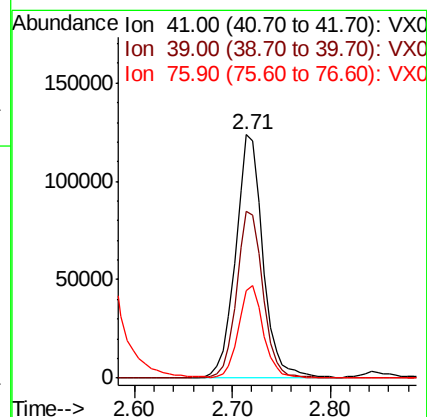
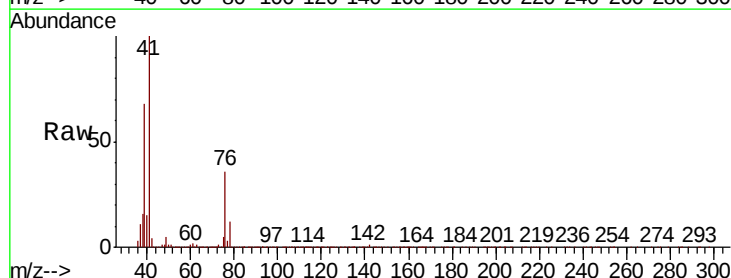
Tgt Ion: 41 Resp: 239084

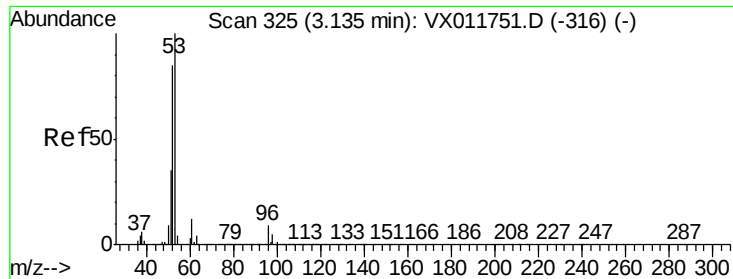
Ion Ratio Lower Upper

41 100

39 65.7 49.3 73.9

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 222.730 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

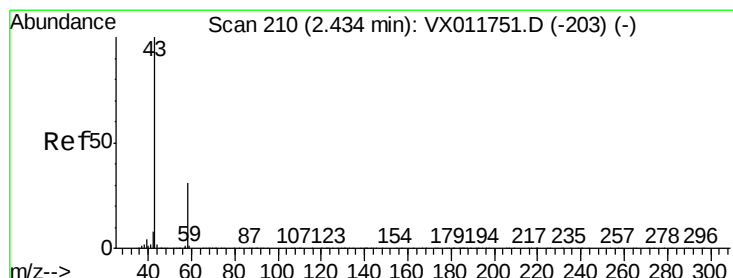
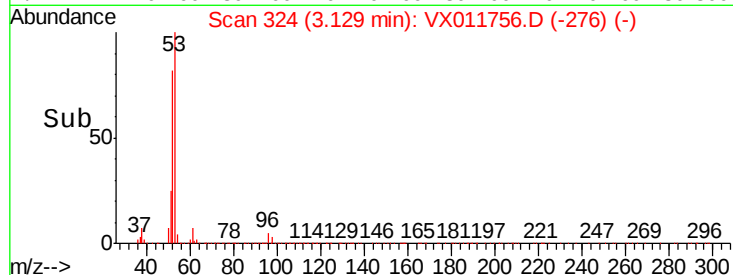
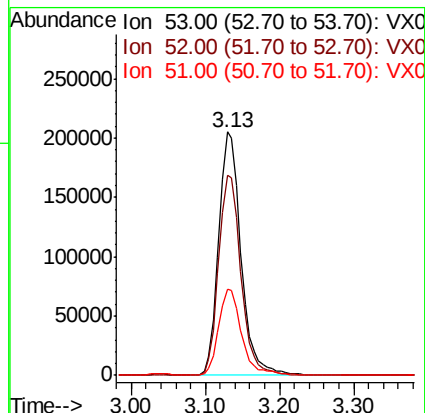
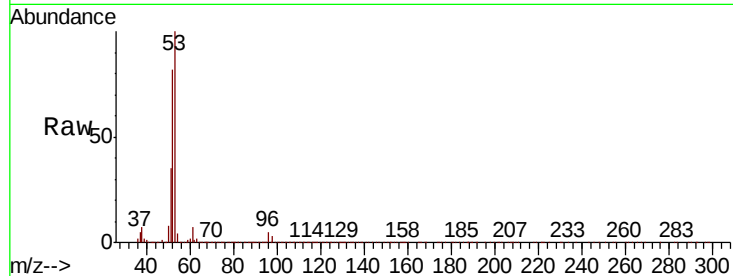
Tgt Ion: 53 Resp: 424521

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 36.4 28.6 43.0



#16

Acetone

Concen: 227.367 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011756.D

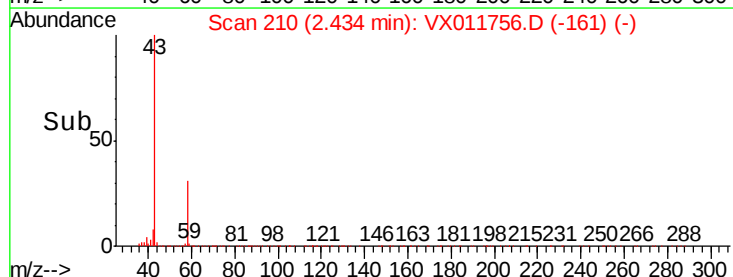
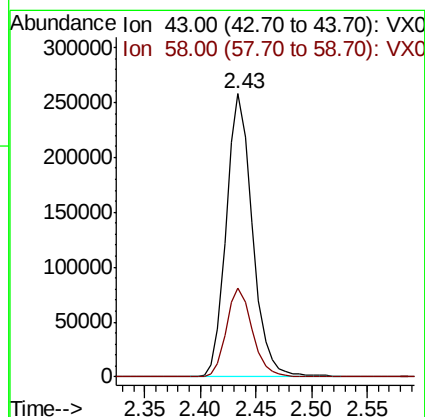
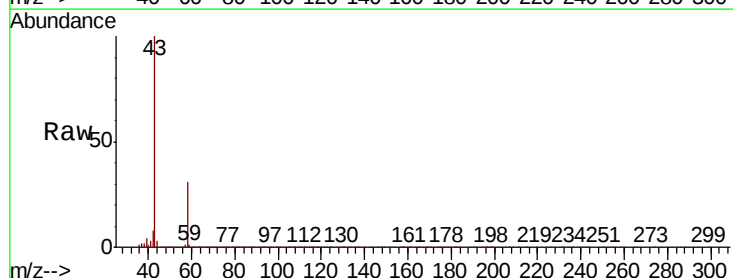
Acq: 22 Aug 2019 12:39

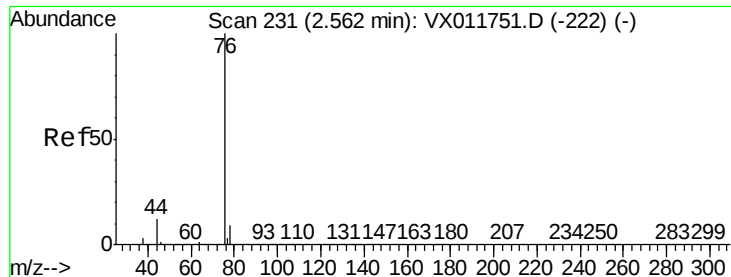
Tgt Ion: 43 Resp: 417088

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6





#17

Carbon Disulfide

Concen: 46.242 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

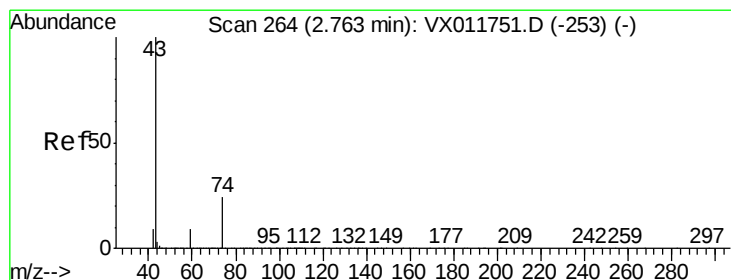
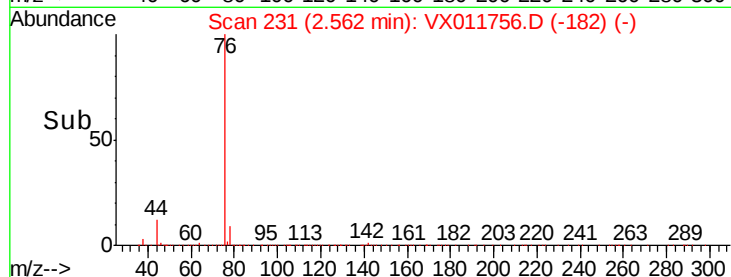
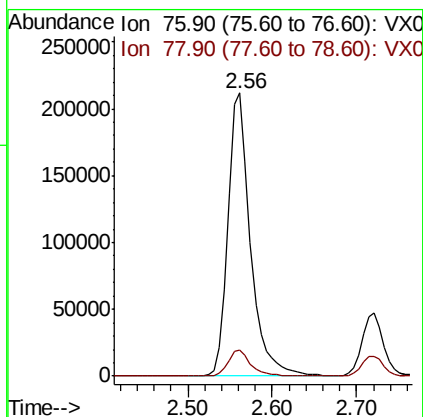
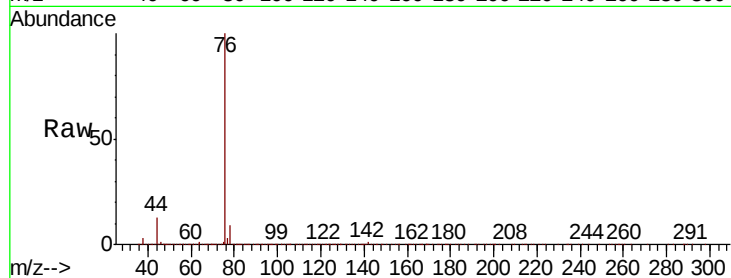
VSTDCCC050

Tgt Ion: 76 Resp: 385765

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 45.675 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011756.D

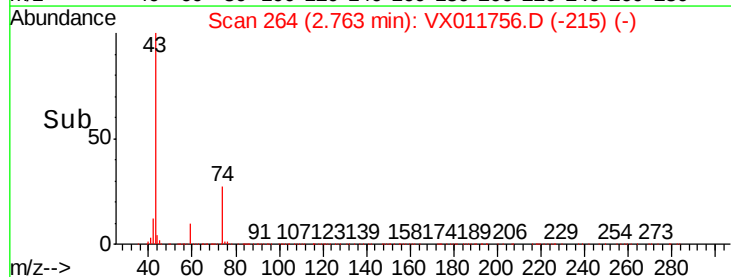
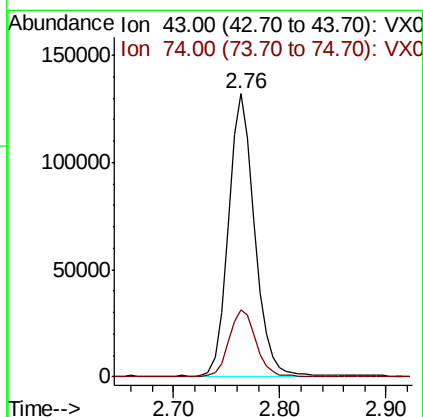
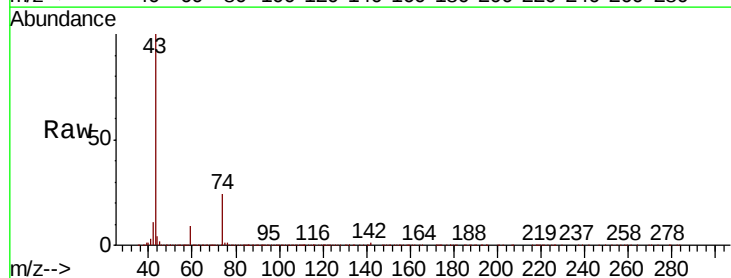
Acq: 22 Aug 2019 12:39

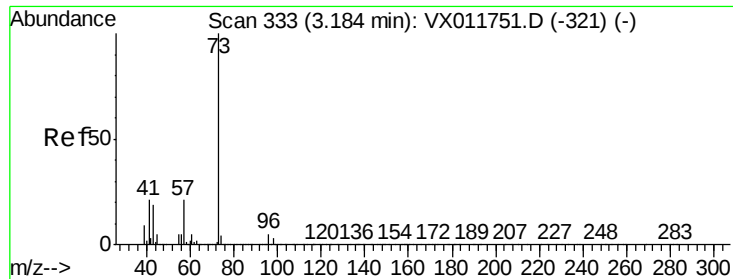
Tgt Ion: 43 Resp: 227357

Ion Ratio Lower Upper

43 100

74 24.7 19.5 29.3

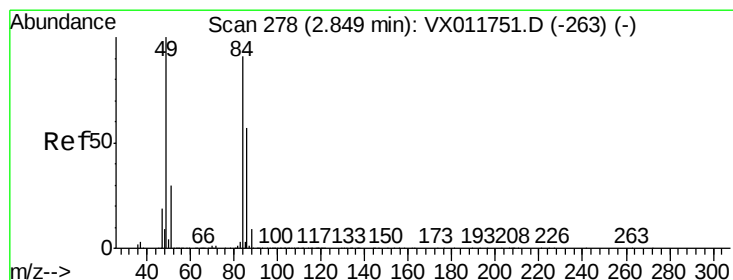
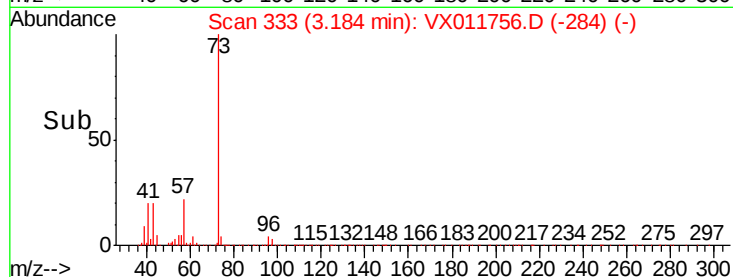
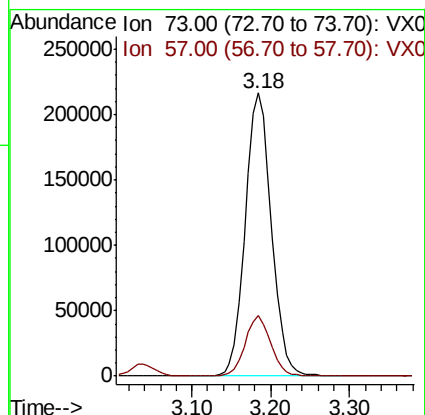
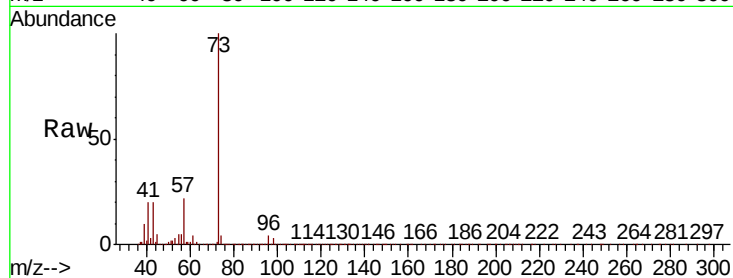




#19
Methyl tert-butyl Ether
Concen: 47.148 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

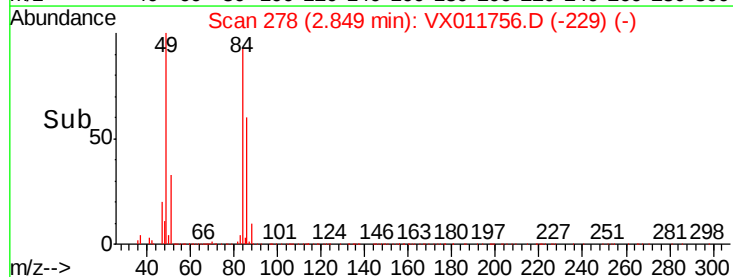
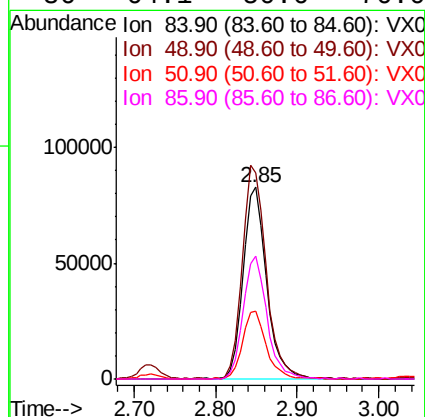
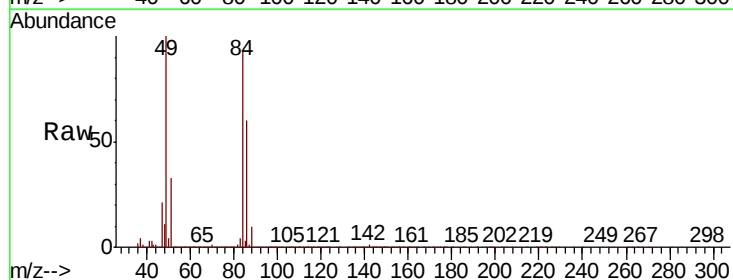
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

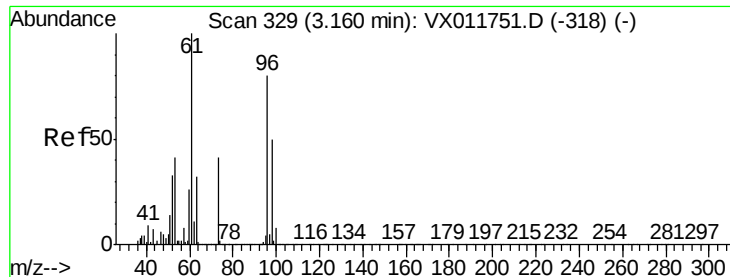
Tgt Ion: 73 Resp: 499004
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6



#20
Methylene Chloride
Concen: 44.097 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 84 Resp: 165380
Ion Ratio Lower Upper
84 100
49 107.1 88.3 132.5
51 35.2 26.2 39.2
86 64.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 45.704 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

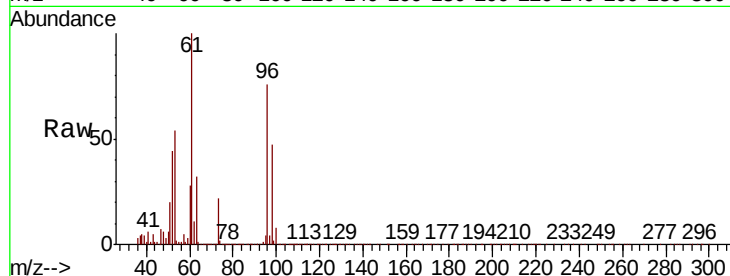
Tgt Ion: 96 Resp: 162654

Ion Ratio Lower Upper

96 100

61 132.1 99.8 149.8

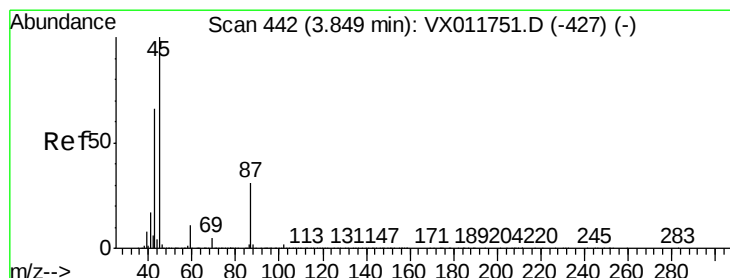
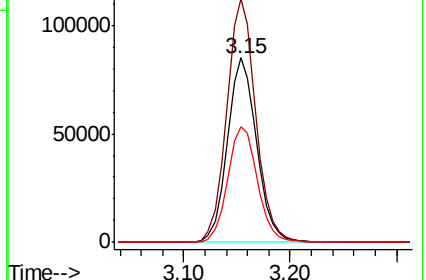
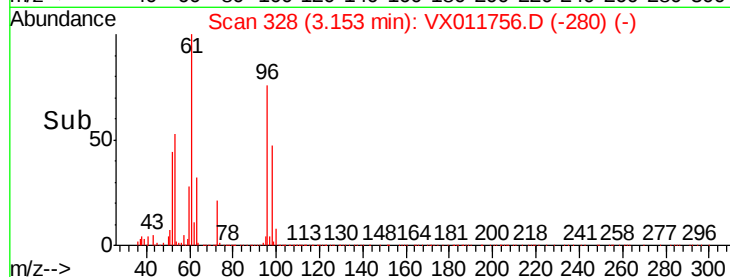
98 62.4 50.3 75.5



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: 47.736 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Tgt Ion: 45 Resp: 477370

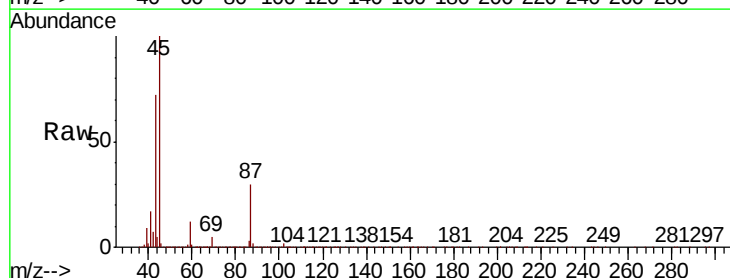
Ion Ratio Lower Upper

45 100

43 71.7 53.0 79.6

87 29.9 24.7 37.1

59 11.8 9.1 13.7

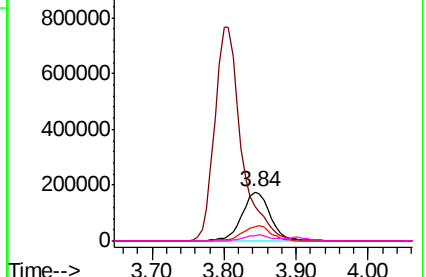
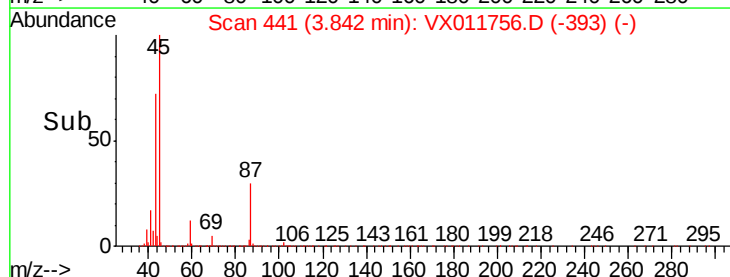


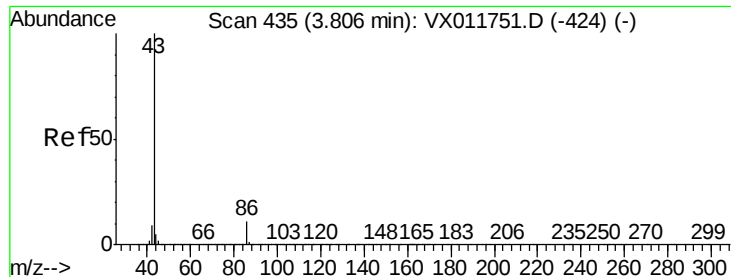
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 240.048 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

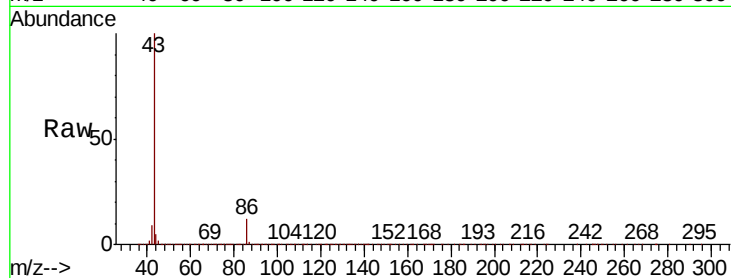
VSTDCCC050

Tgt Ion: 43 Resp: 1987533

Ion Ratio Lower Upper

43 100

86 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

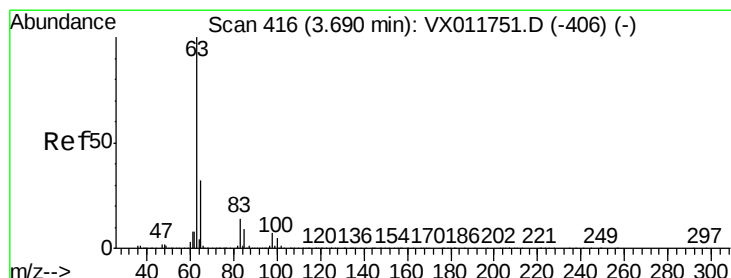
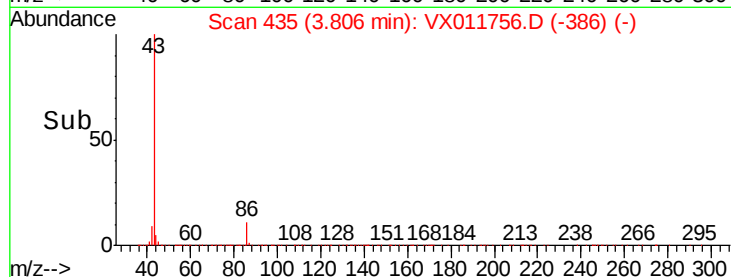
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 46.870 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

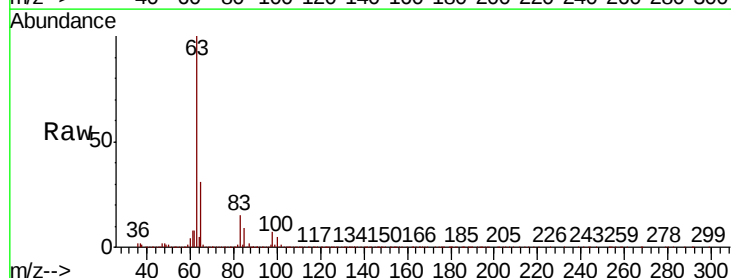
Tgt Ion: 63 Resp: 276736

Ion Ratio Lower Upper

63 100

98 6.5 3.7 11.1

100 4.5 2.3 6.9



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

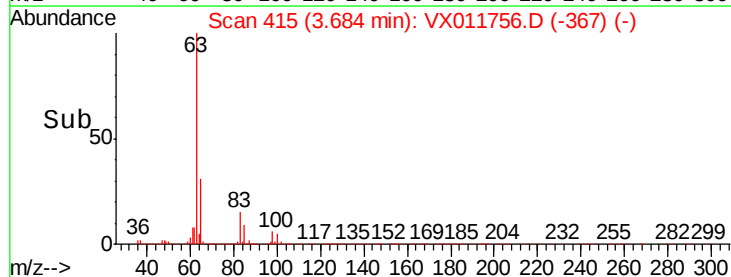
150000

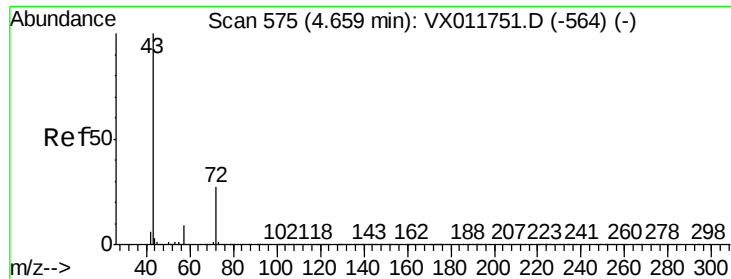
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 238.797 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

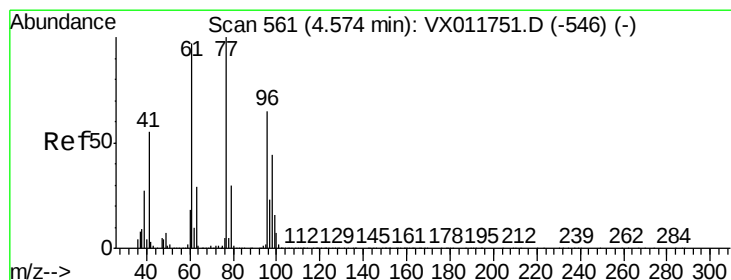
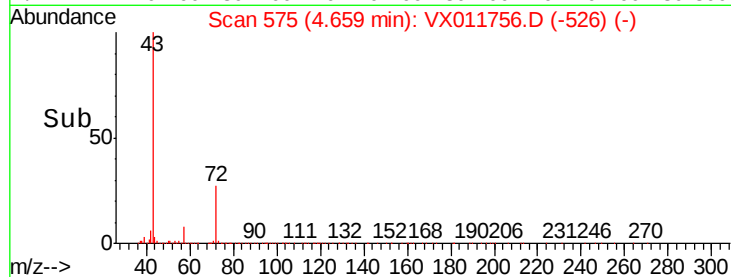
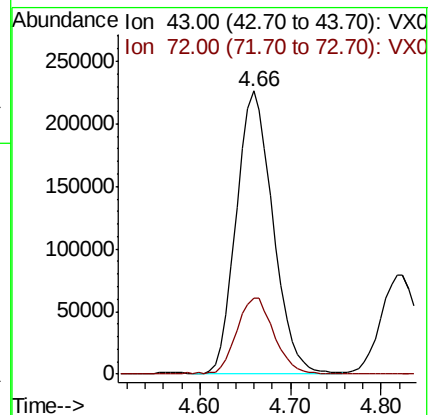
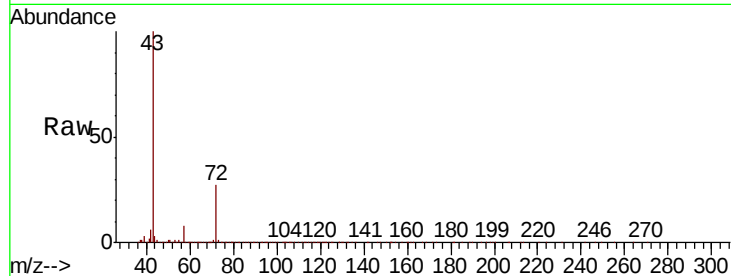
VSTDCCC050

Tgt Ion: 43 Resp: 628769

Ion Ratio Lower Upper

43 100

72 26.8 21.8 32.6



#26

2,2-Dichloropropane

Concen: 48.514 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011756.D

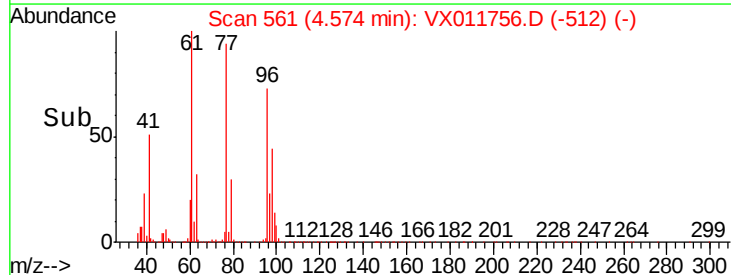
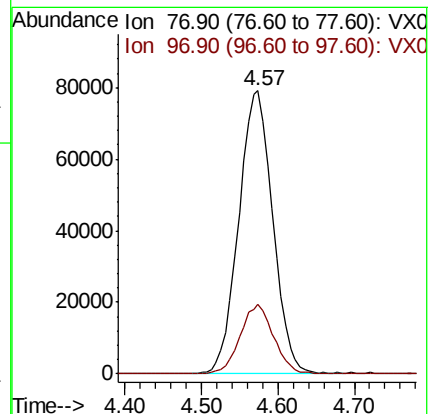
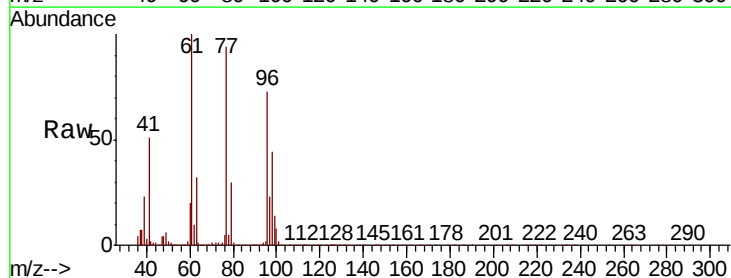
Acq: 22 Aug 2019 12:39

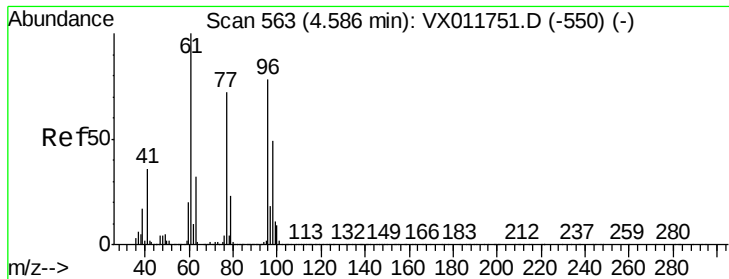
Tgt Ion: 77 Resp: 243254

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



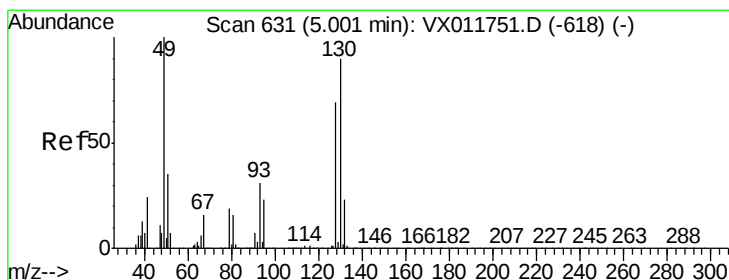
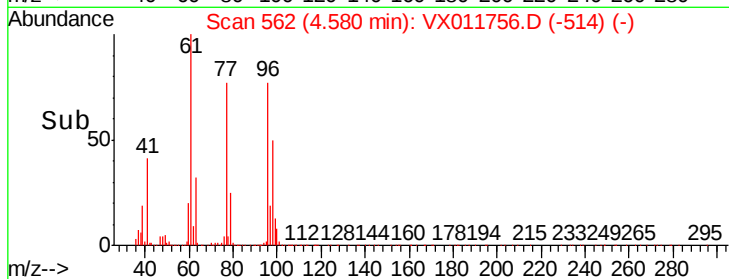
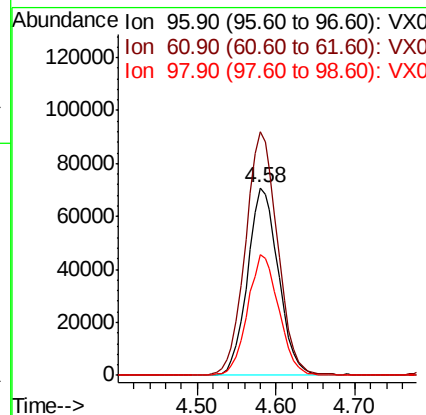
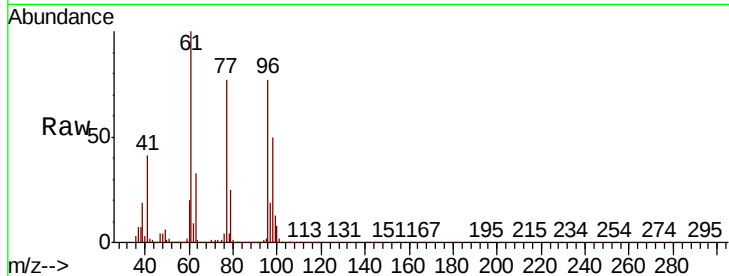


#27

cis-1,2-Dichloroethene
 Concen: 47.340 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

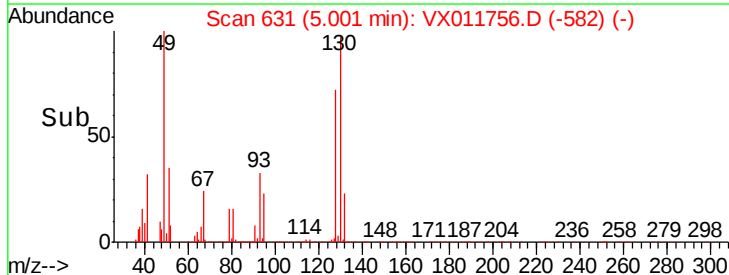
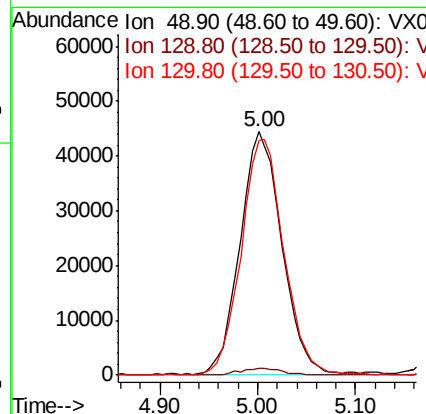
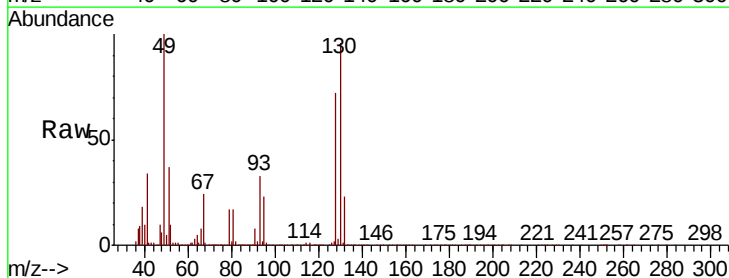
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	275.8
98	64.7	0.0	128.2

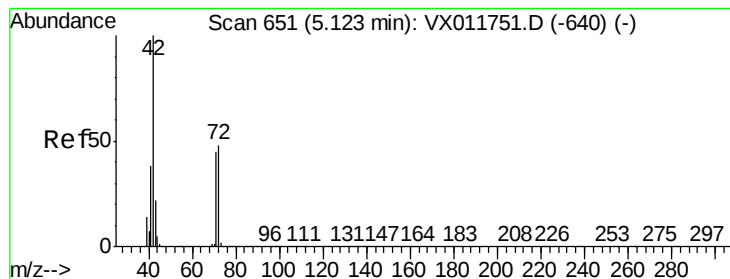


#28

Bromochloromethane
 Concen: 48.704 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.8
130	99.8	76.8	115.2





#29

Tetrahydrofuran

Concen: 235.756 ug/l

RT: 5.11 min Scan# 649

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

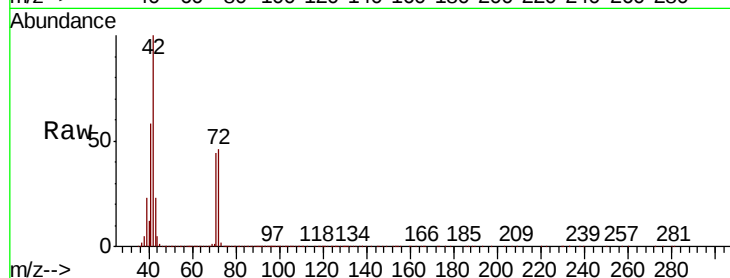
Tgt Ion: 42 Resp: 397924

Ion Ratio Lower Upper

42 100

72 46.8 37.6 56.4

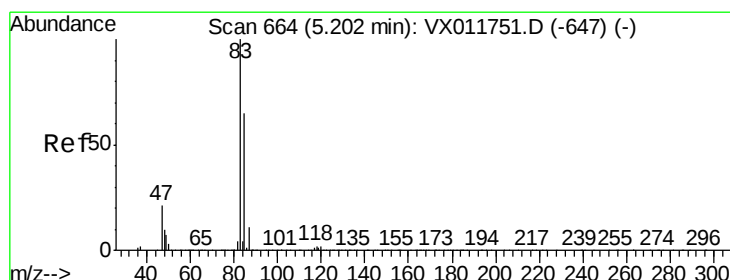
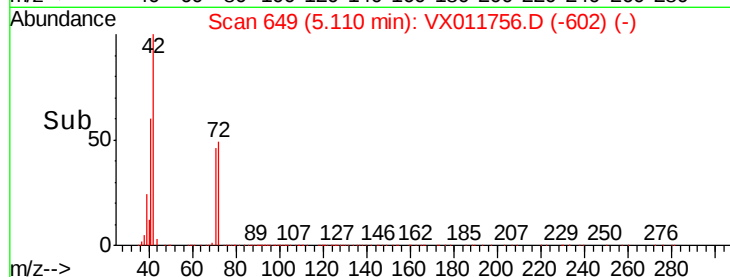
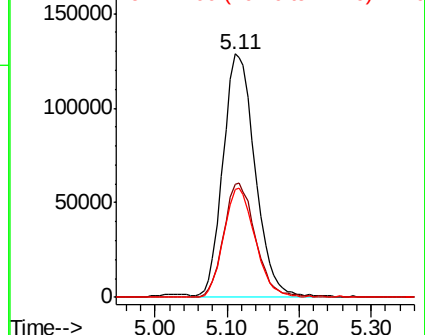
71 43.9 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.383 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011756.D

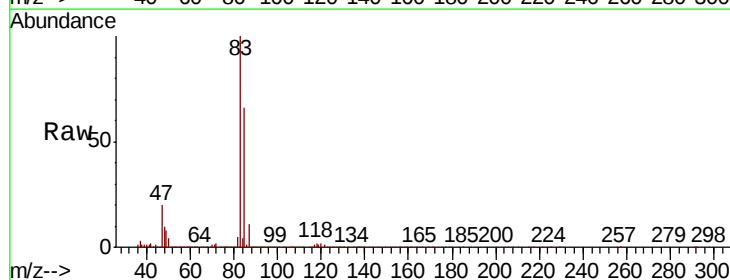
Acq: 22 Aug 2019 12:39

Tgt Ion: 83 Resp: 303526

Ion Ratio Lower Upper

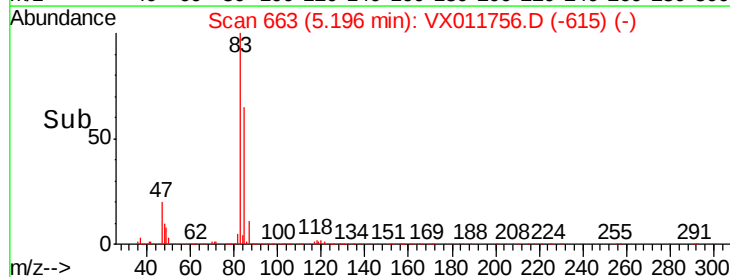
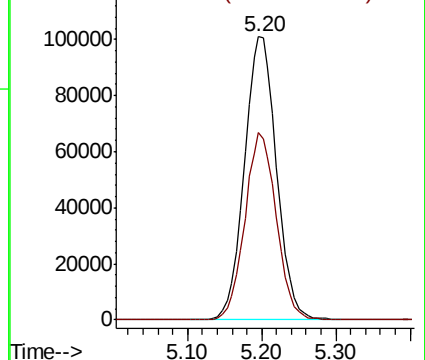
83 100

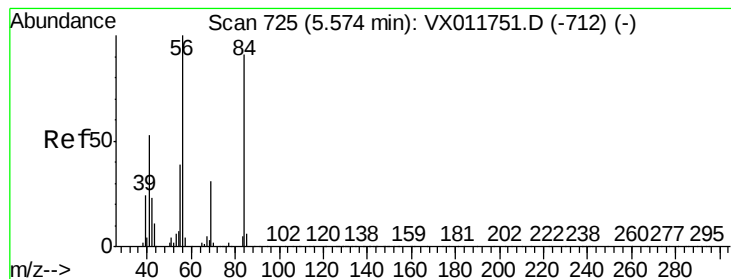
85 66.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.242 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

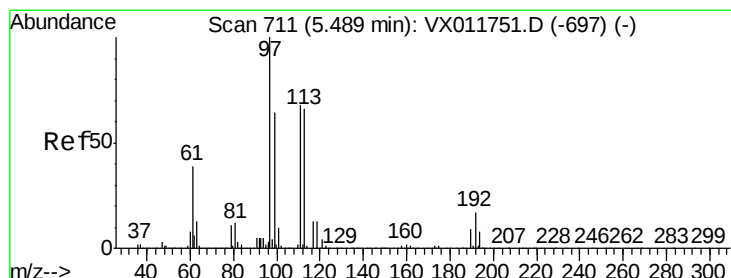
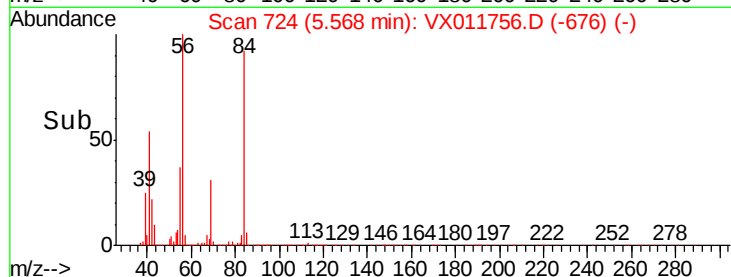
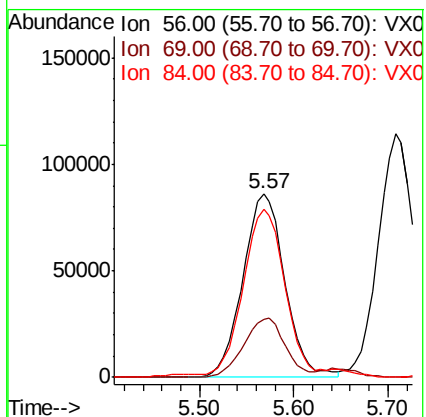
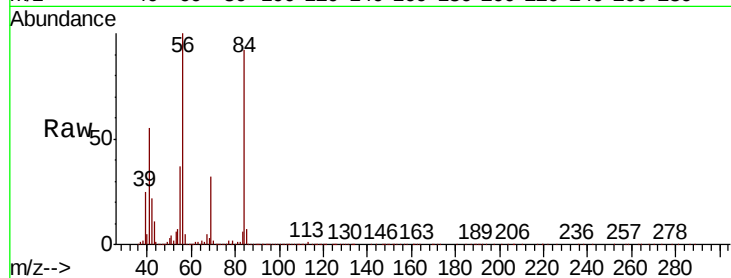
Tgt Ion: 56 Resp: 265713

Ion Ratio Lower Upper

56 100

69 31.6 24.5 36.7

84 90.0 72.7 109.1



#32

1,1,1-Trichloroethane

Concen: 49.568 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

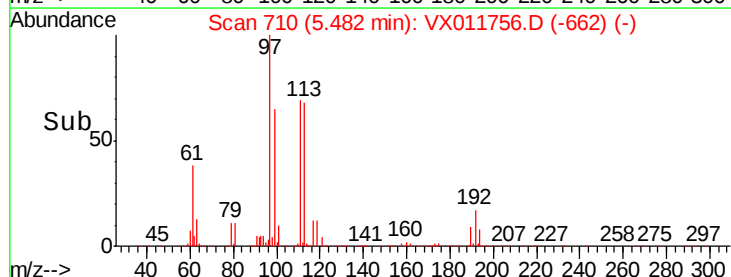
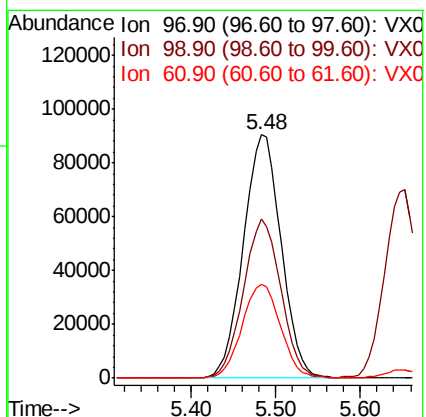
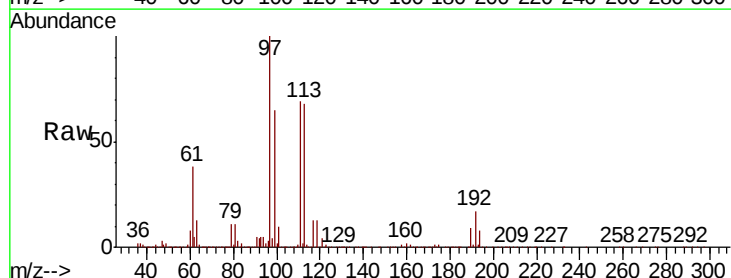
Tgt Ion: 97 Resp: 276012

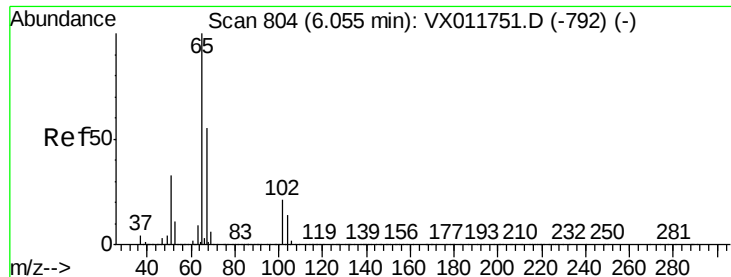
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 39.0 31.6 47.4

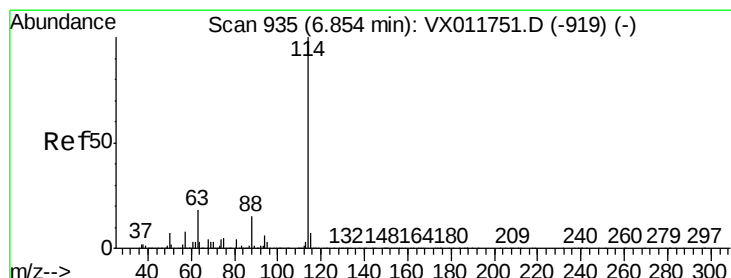
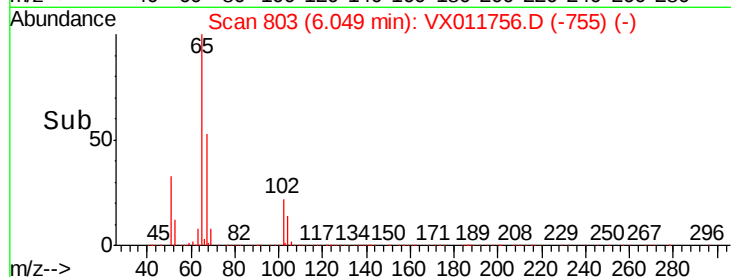
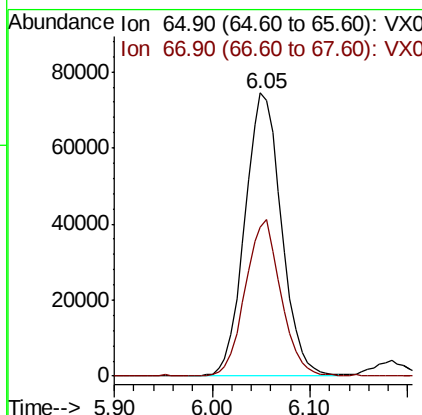
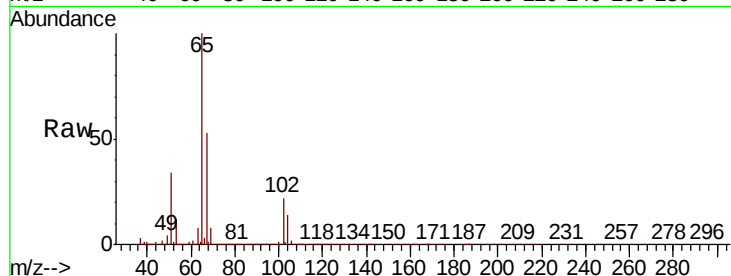




#33
 1,2-Dichloroethane-d4
 Concen: 45.815 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

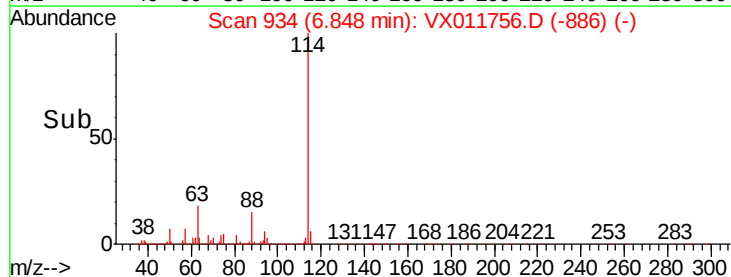
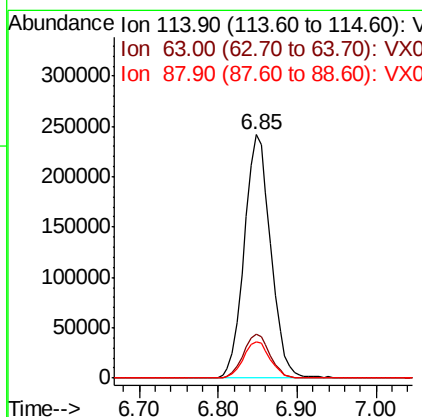
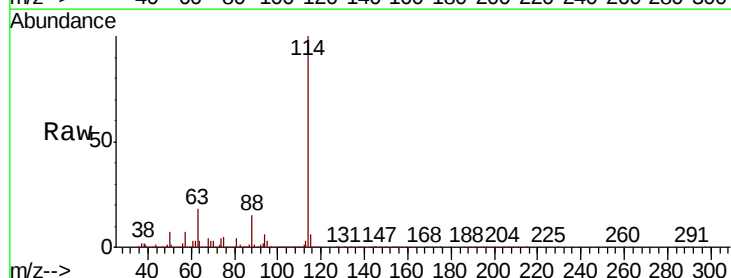
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

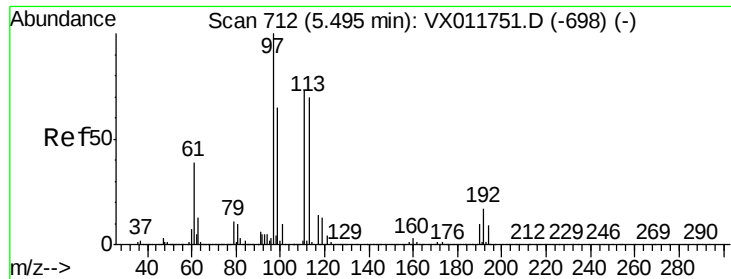
Tgt Ion: 65 Resp: 193205
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion: 114 Resp: 563561
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.6 0.0 30.2

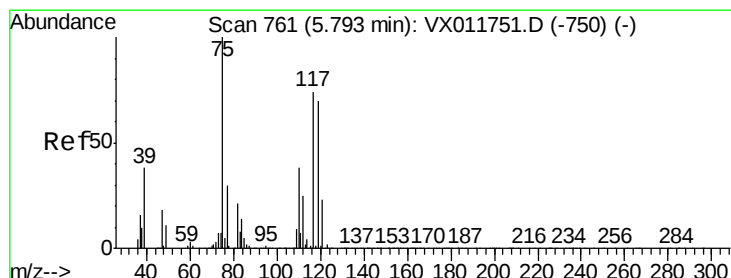
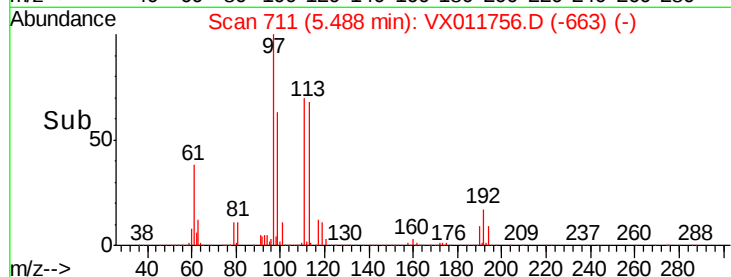
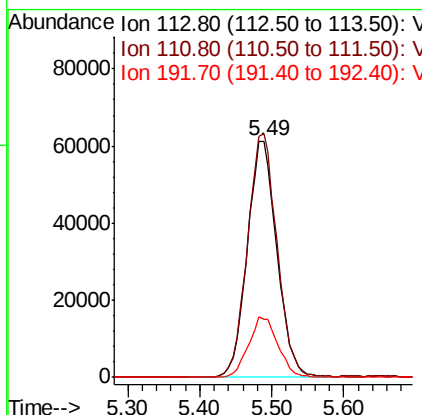
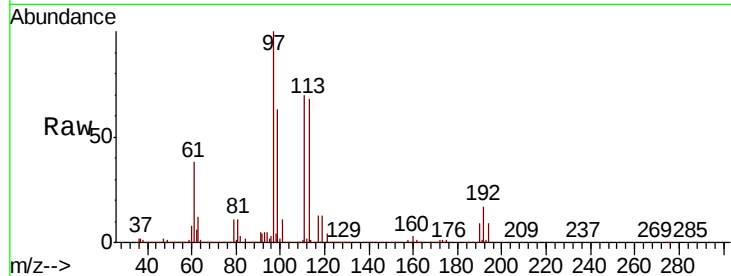




#35
 Dibromofluoromethane
 Concen: 48.182 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

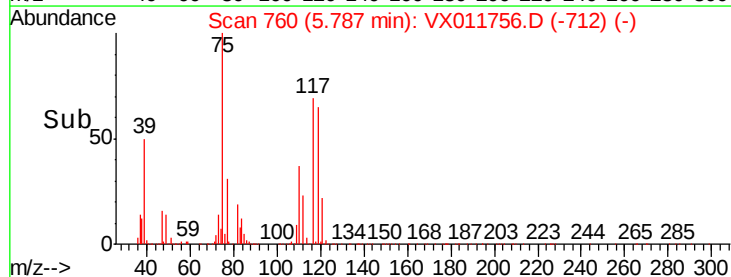
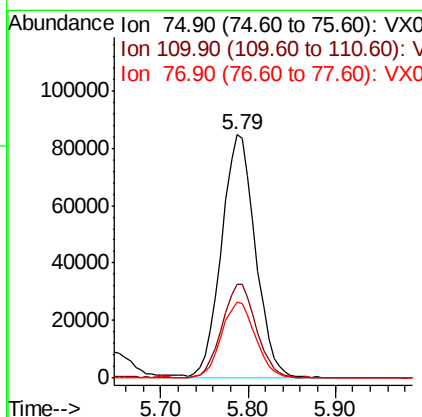
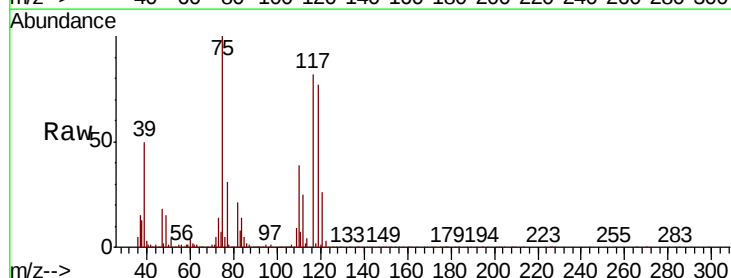
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

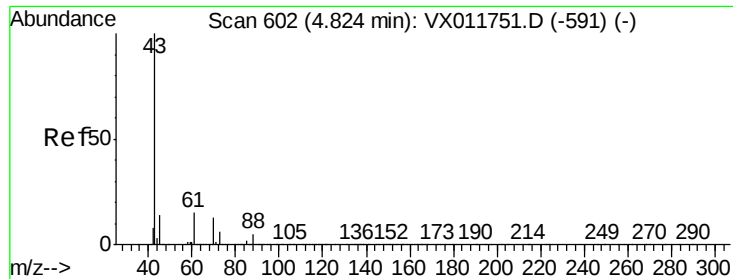
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	25.3	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 51.289 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.0	57.0
77	30.7	24.6	36.8

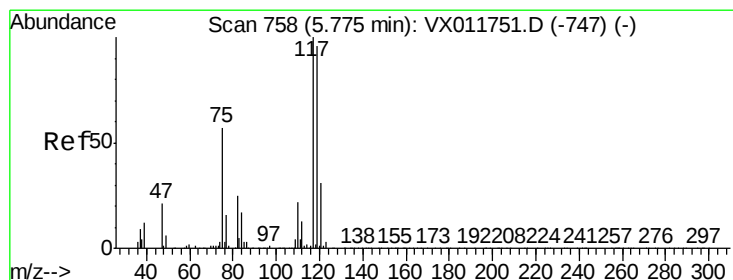
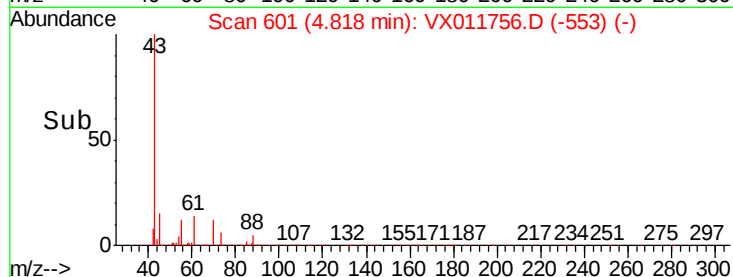
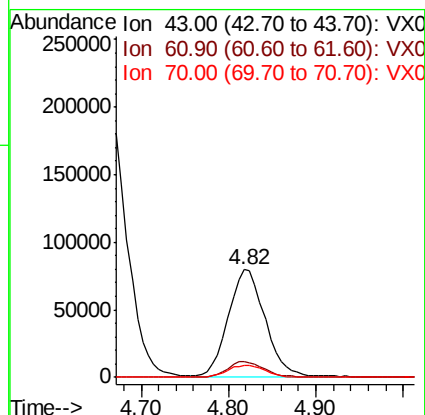
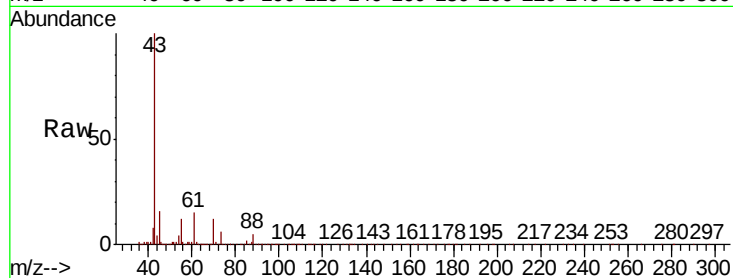




#37
Ethyl Acetate
Concen: 49.559 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

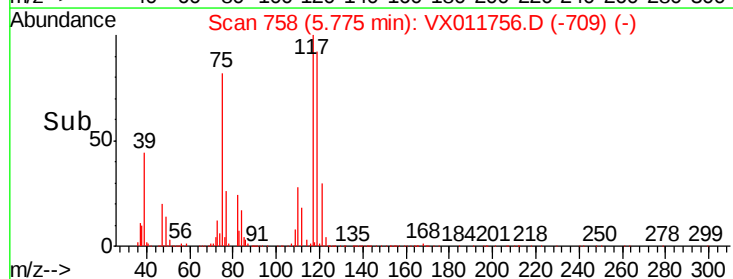
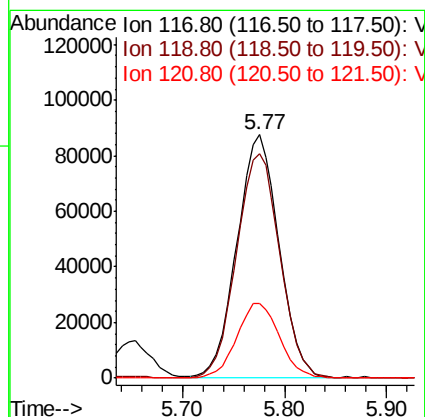
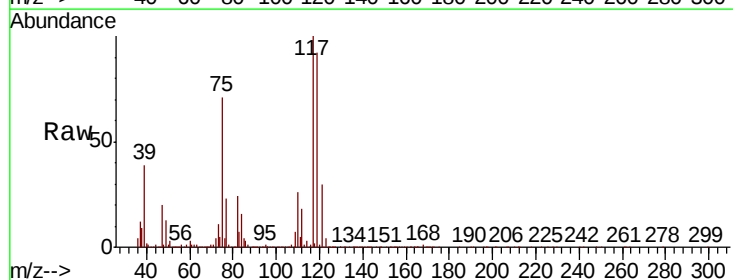
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

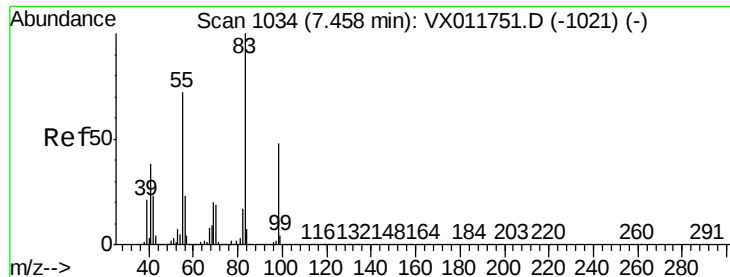
Tgt Ion: 43 Resp: 231774
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.3 9.5 14.3



#38
Carbon Tetrachloride
Concen: 49.720 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 117 Resp: 249020
Ion Ratio Lower Upper
117 100
119 92.2 76.6 114.8
121 30.4 25.2 37.8

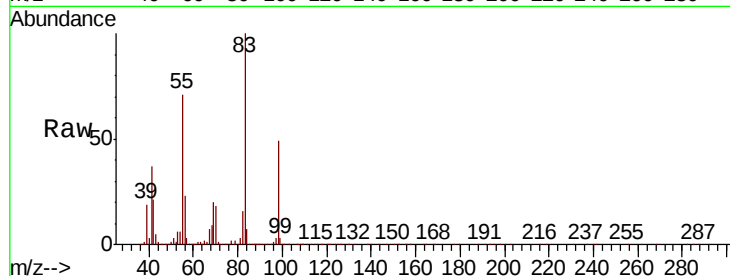




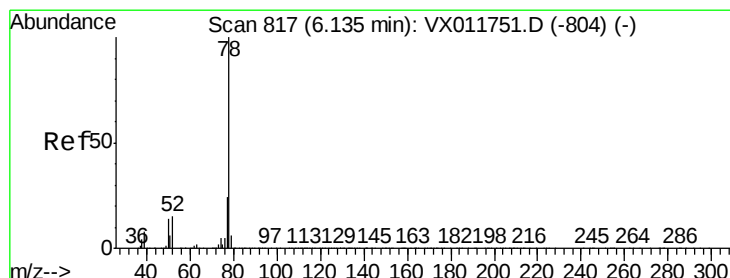
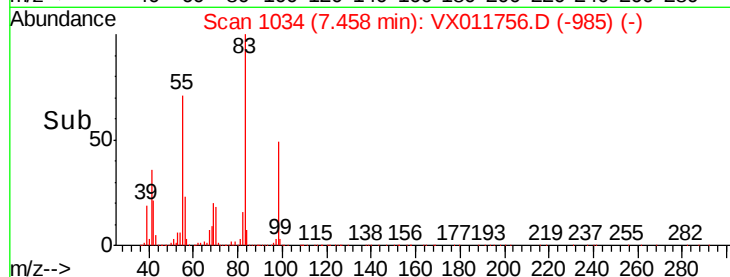
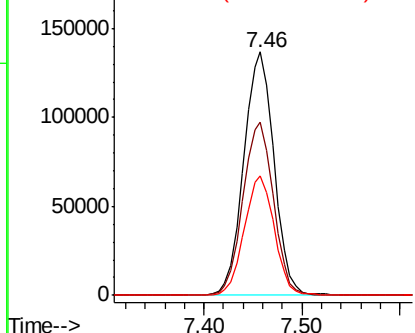
#39
Methylcyclohexane
Concen: 53.571 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 293374
Ion Ratio Lower Upper
83 100
55 71.0 57.8 86.6
98 48.9 38.6 58.0

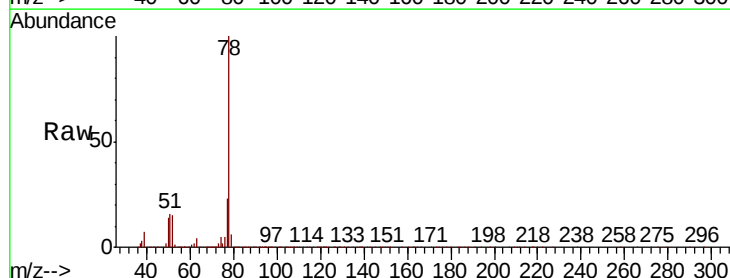


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

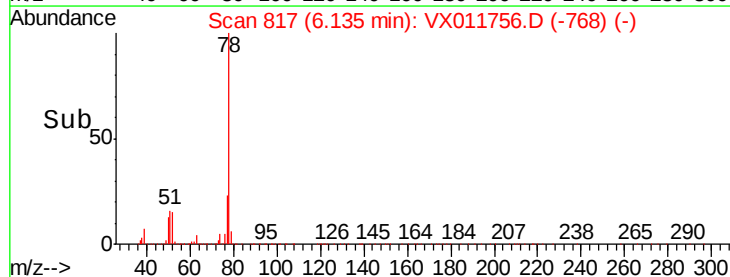
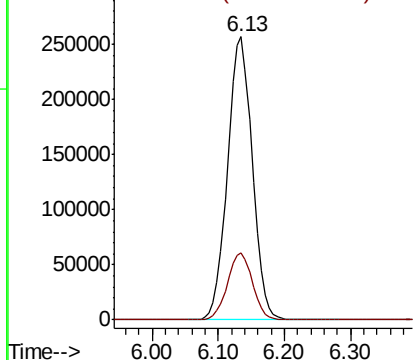


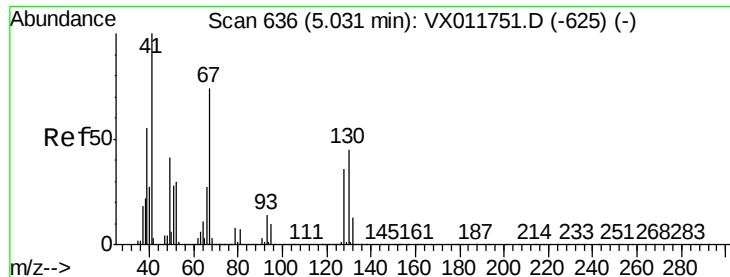
#40
Benzene
Concen: 48.857 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 78 Resp: 667916
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



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





#41

Methacrylonitrile

Concen: 48.164 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 131001

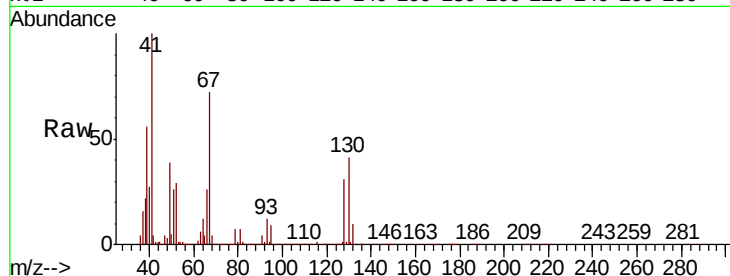
Ion Ratio Lower Upper

41 100

39 53.9 44.3 66.5

67 75.8 60.3 90.5

52 30.3 24.0 36.0

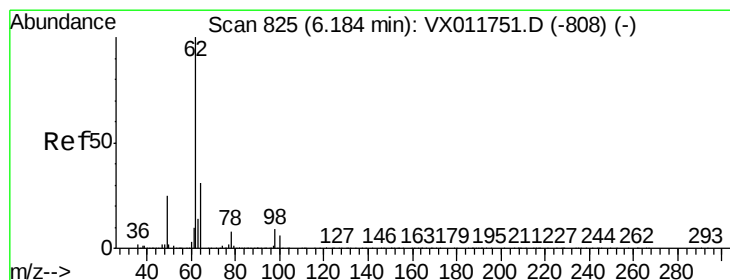
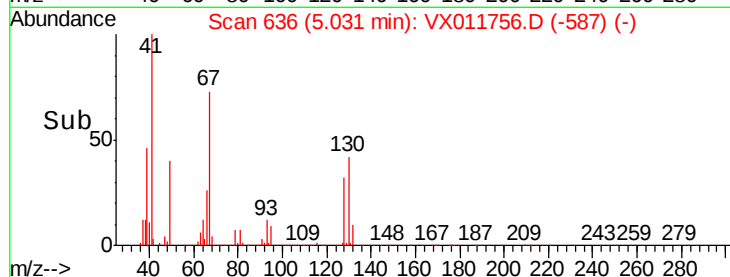
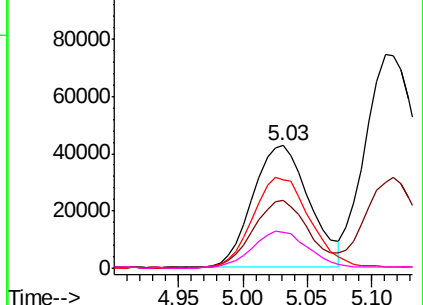


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.604 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011756.D

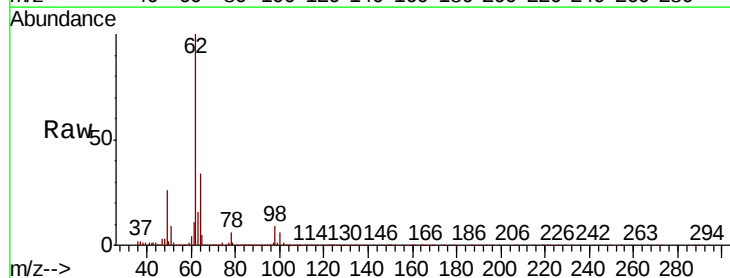
Acq: 22 Aug 2019 12:39

Tgt Ion: 62 Resp: 237898

Ion Ratio Lower Upper

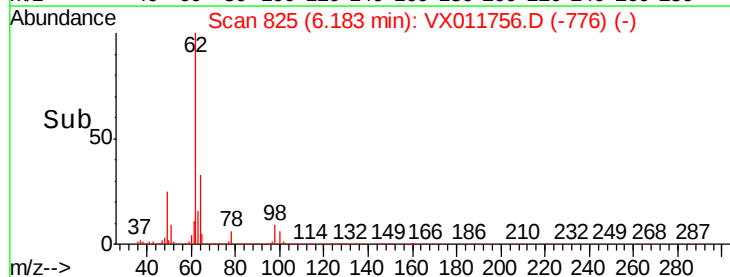
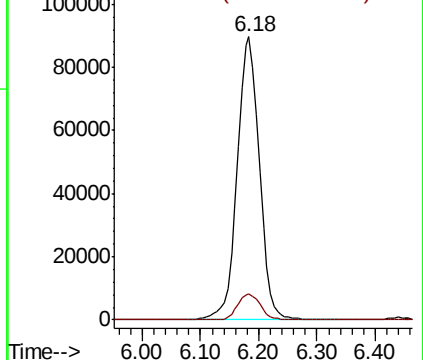
62 100

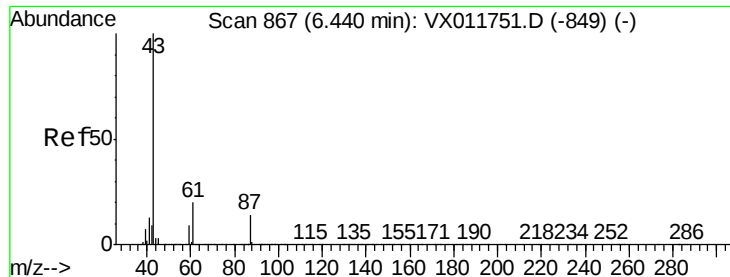
98 9.4 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.593 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

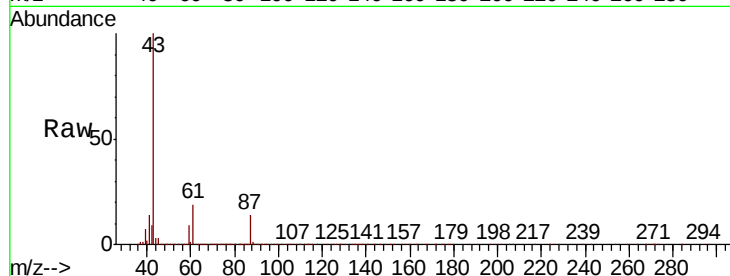
Tgt Ion: 43 Resp: 367819

Ion Ratio Lower Upper

43 100

61 20.9 16.2 24.2

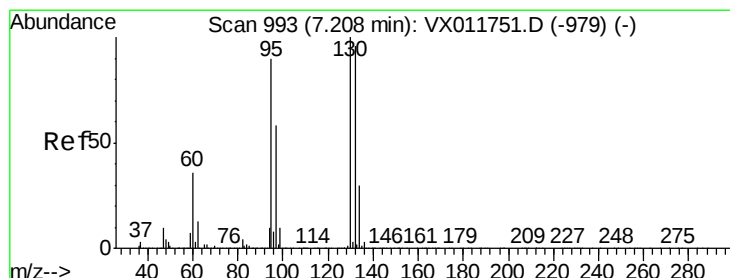
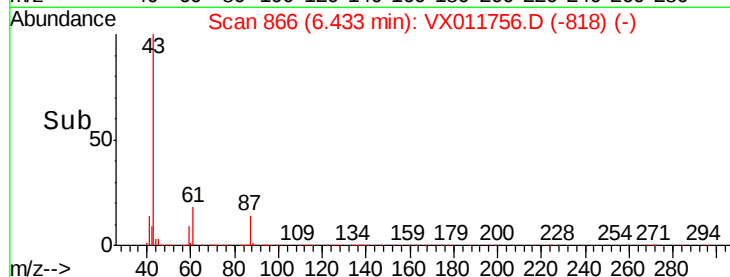
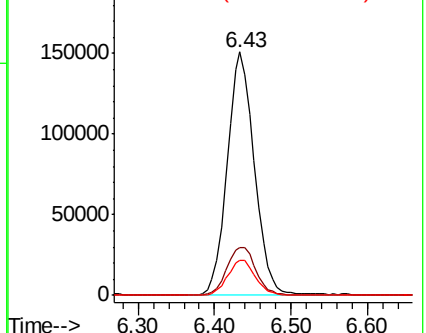
87 14.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.141 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011756.D

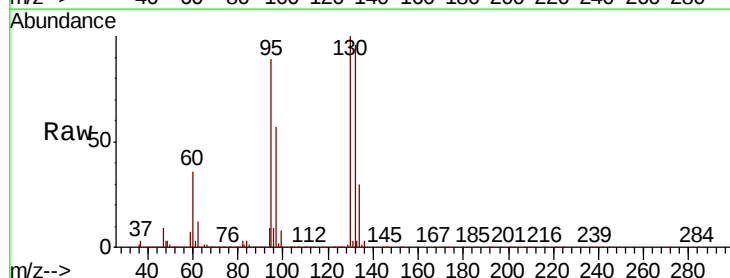
Acq: 22 Aug 2019 12:39

Tgt Ion: 130 Resp: 207093

Ion Ratio Lower Upper

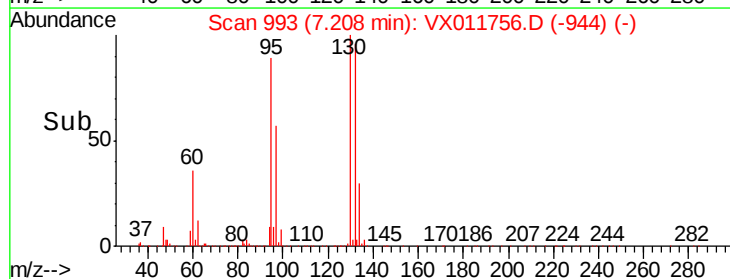
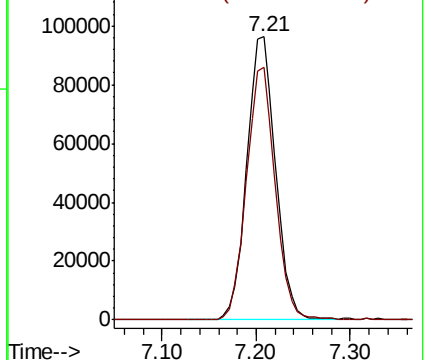
130 100

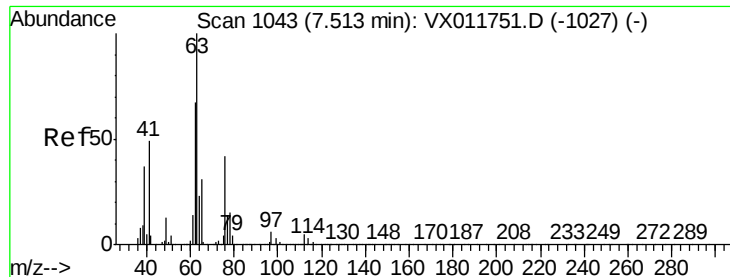
95 89.1 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

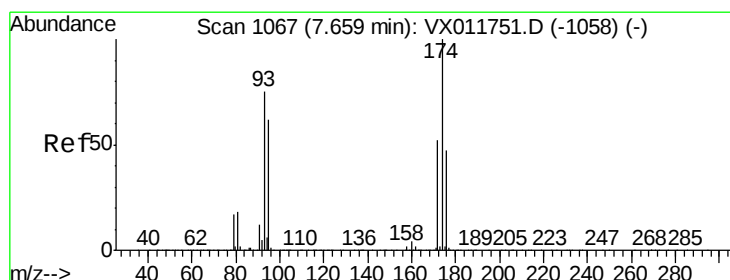
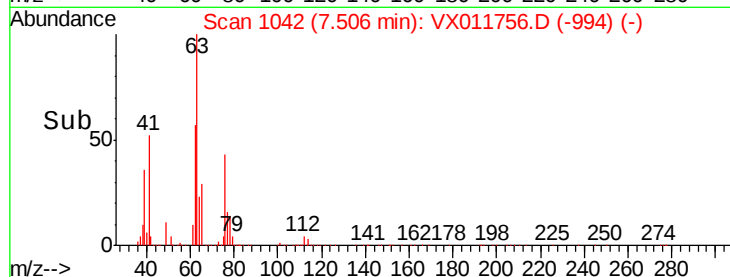
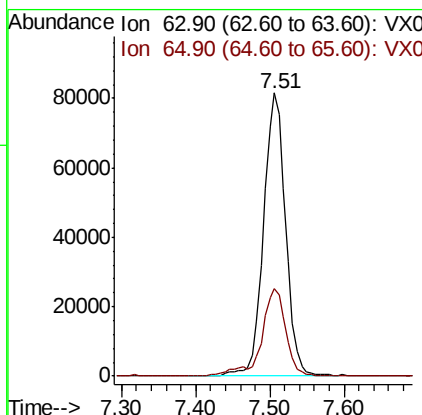
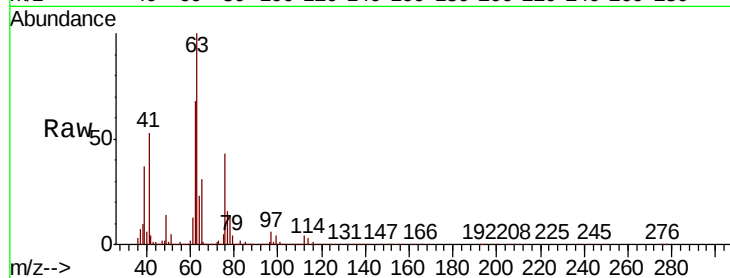




#45
 1,2-Dichloropropane
 Concen: 49.105 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

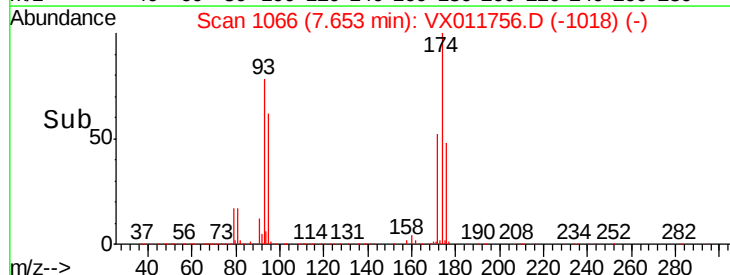
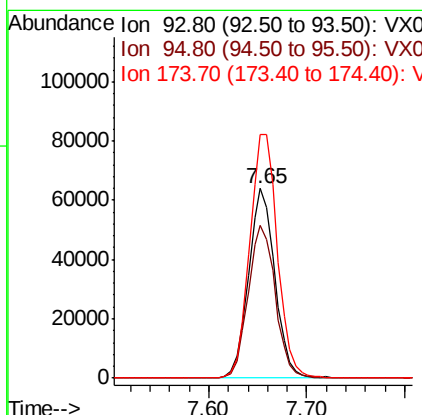
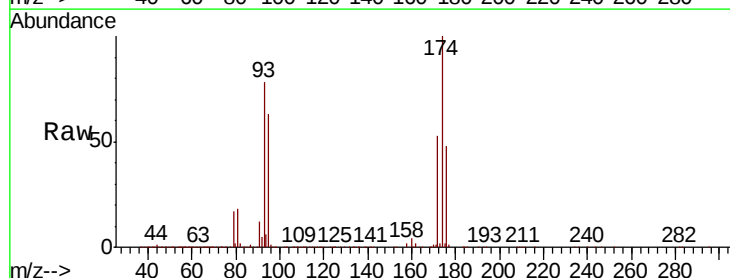
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

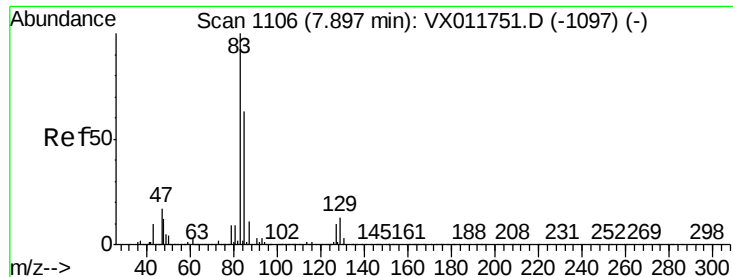
Tgt Ion: 63 Resp: 168735
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 47.350 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion: 93 Resp: 119956
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.2
 174 134.9 104.2 156.4





#47

Bromodichloromethane

Concen: 48.764 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

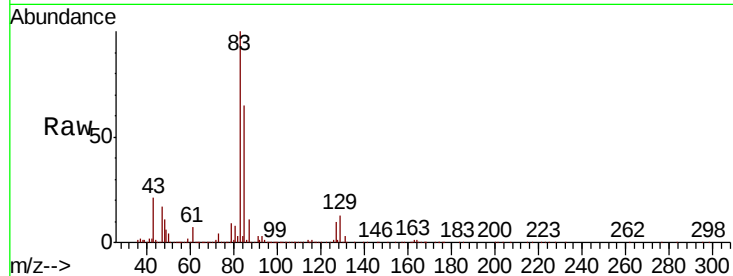
Tgt Ion: 83 Resp: 222386

Ion Ratio Lower Upper

83 100

85 64.9 50.6 76.0

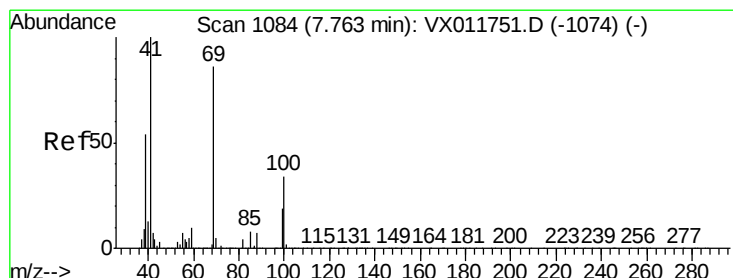
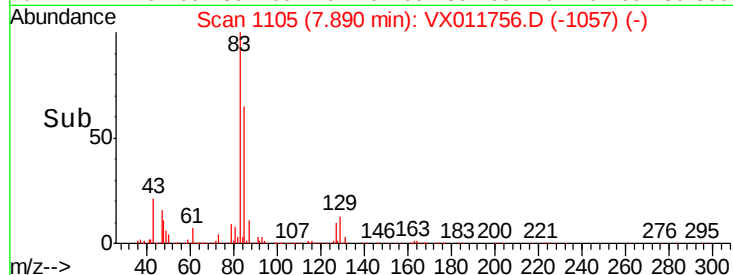
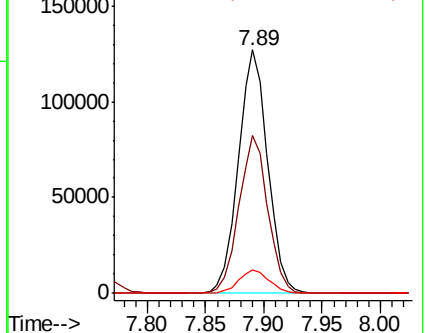
127 9.8 8.4 12.6



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: 50.061 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

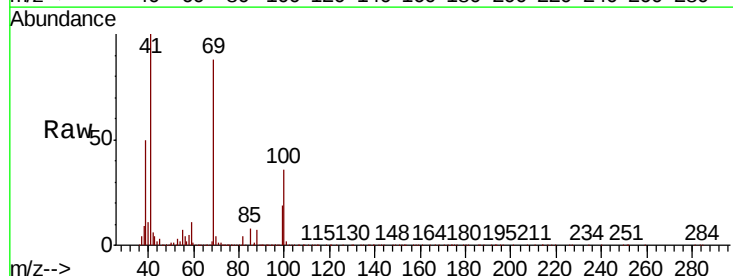
Tgt Ion: 41 Resp: 188582

Ion Ratio Lower Upper

41 100

69 84.9 69.4 104.2

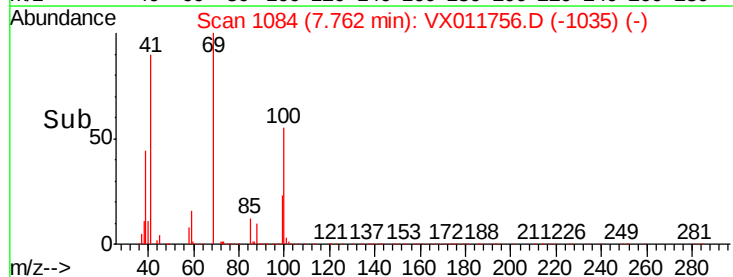
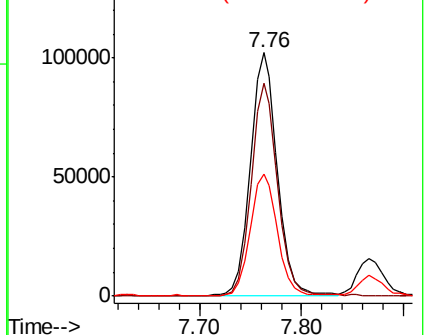
39 50.7 43.6 65.4

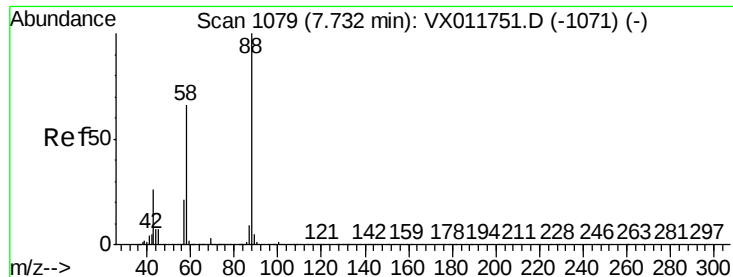


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 942.874 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

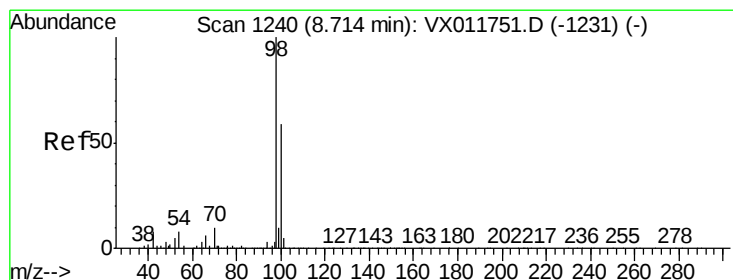
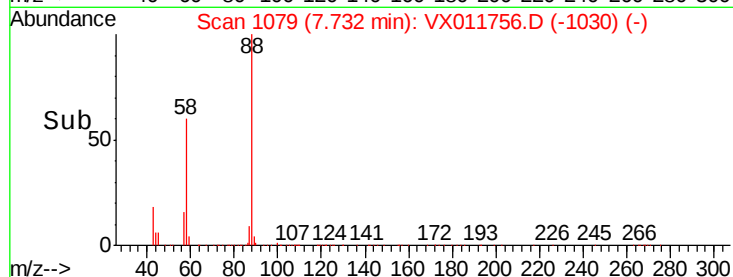
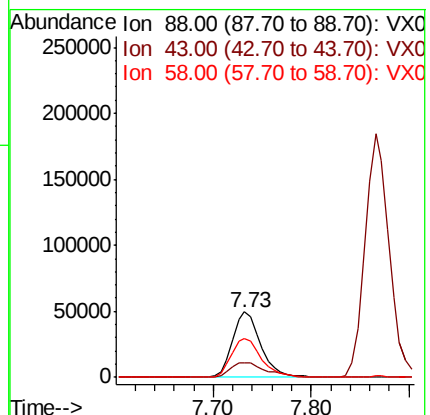
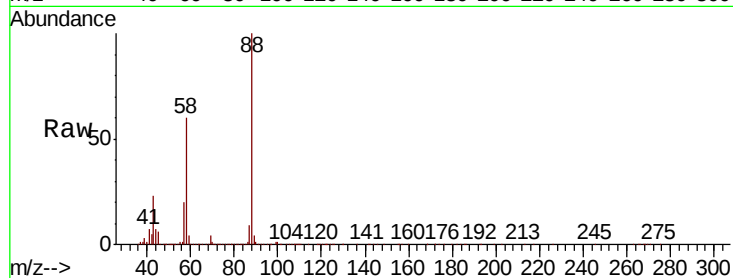
Tgt Ion: 88 Resp: 98411

Ion Ratio Lower Upper

88 100

43 28.0 24.6 37.0

58 63.8 51.4 77.2



#50

Toluene-d8

Concen: 50.579 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011756.D

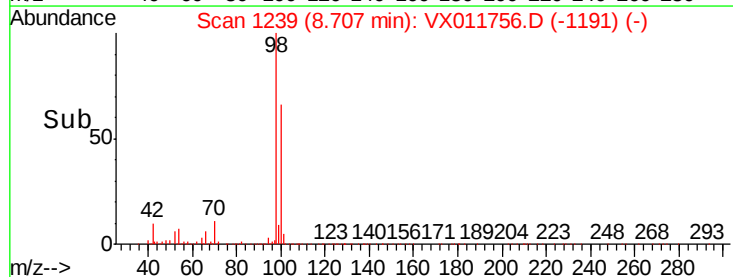
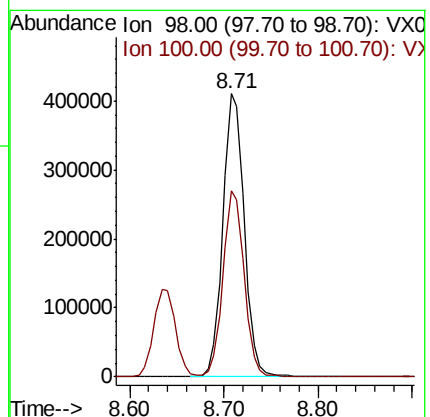
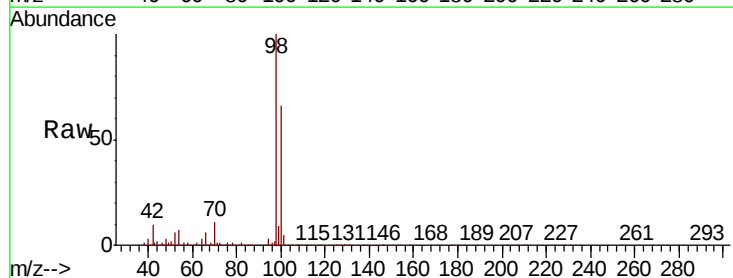
Acq: 22 Aug 2019 12:39

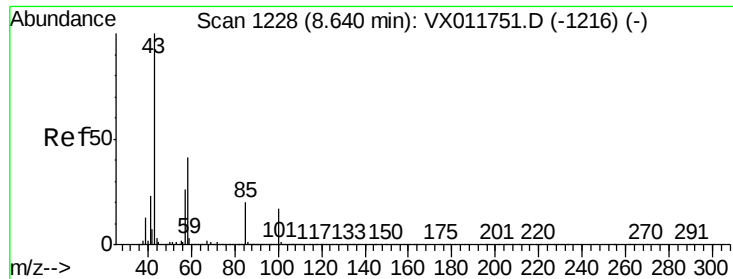
Tgt Ion: 98 Resp: 642914

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

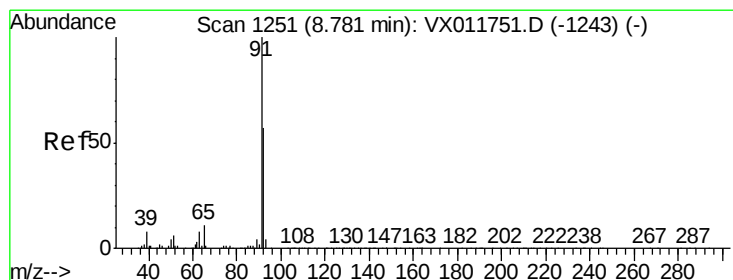
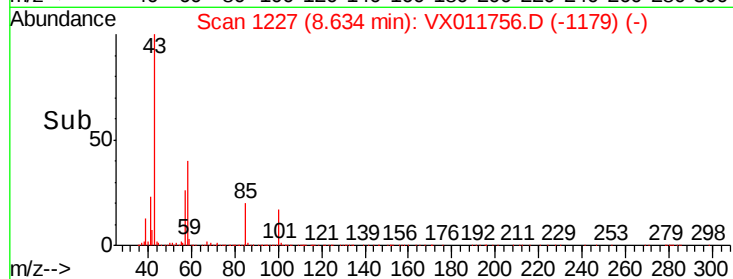
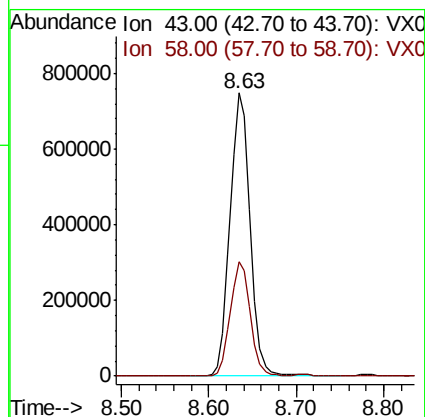
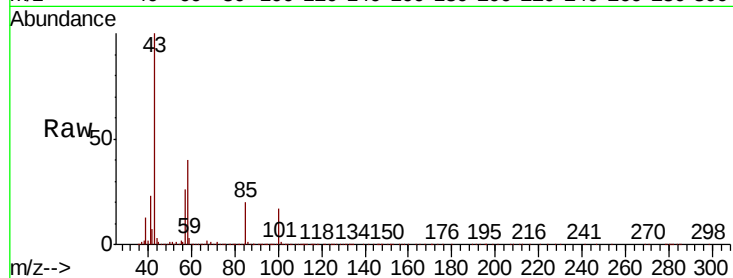




#51
4-Methyl-2-Pentanone
Concen: 240.078 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

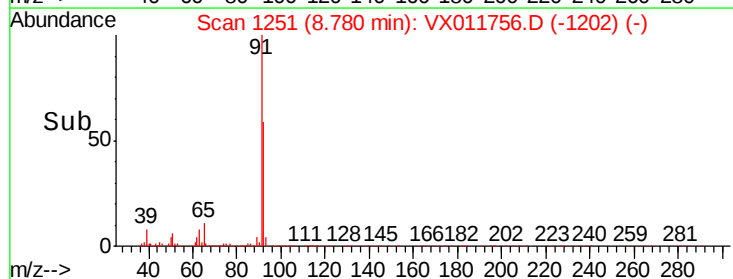
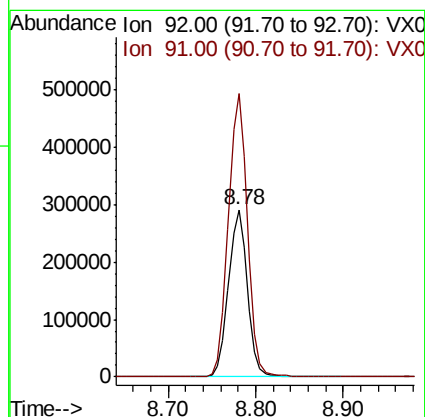
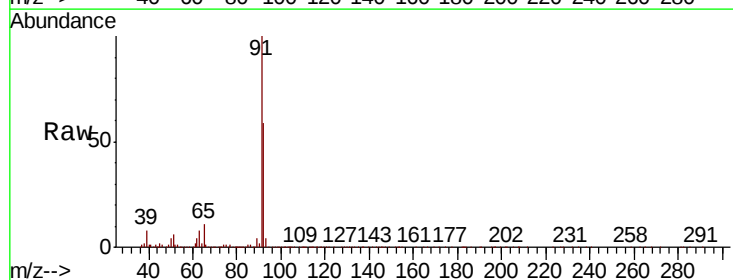
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

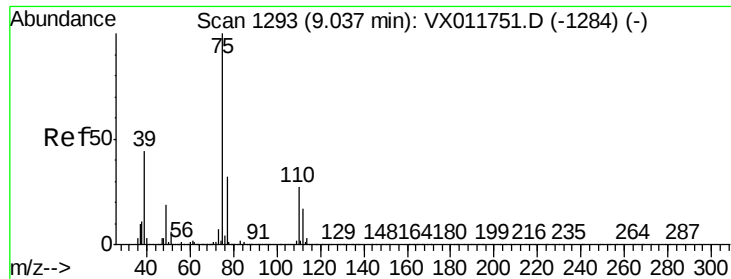
Tgt Ion: 43 Resp: 1197431
Ion Ratio Lower Upper
43 100
58 40.1 31.8 47.6



#52
Toluene
Concen: 49.387 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 92 Resp: 436912
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 51.913 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

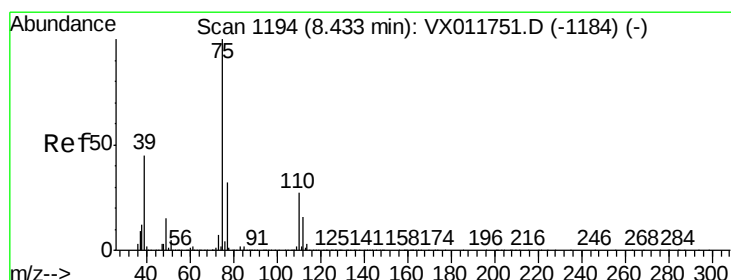
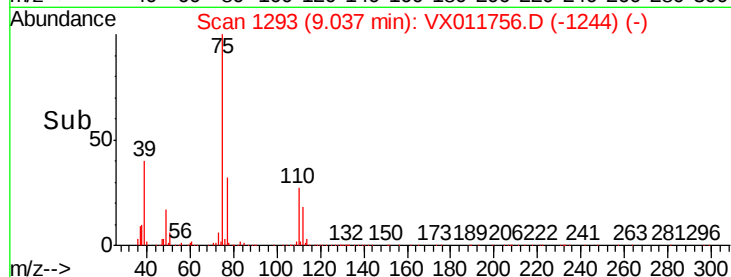
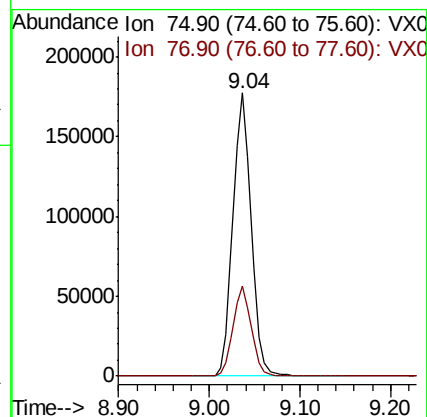
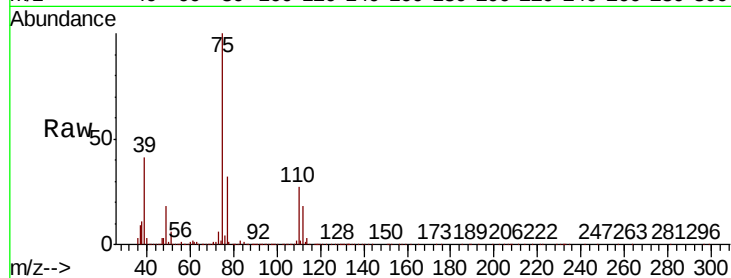
VSTDCCC050

Tgt Ion: 75 Resp: 248534

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.506 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

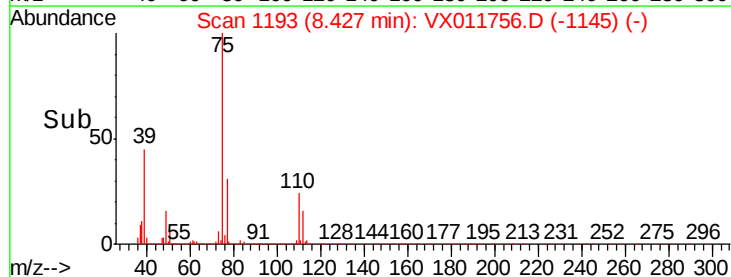
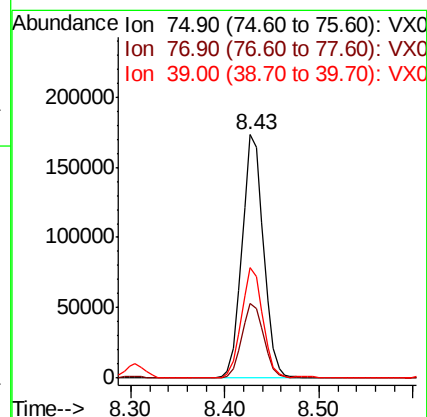
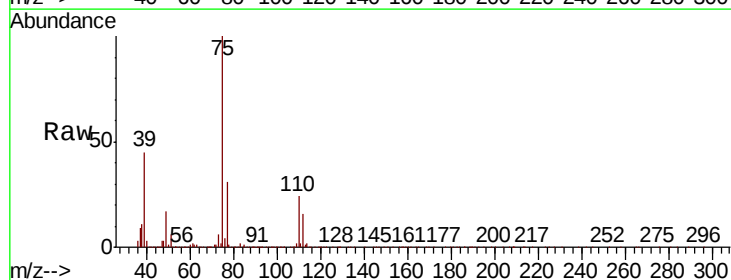
Tgt Ion: 75 Resp: 274227

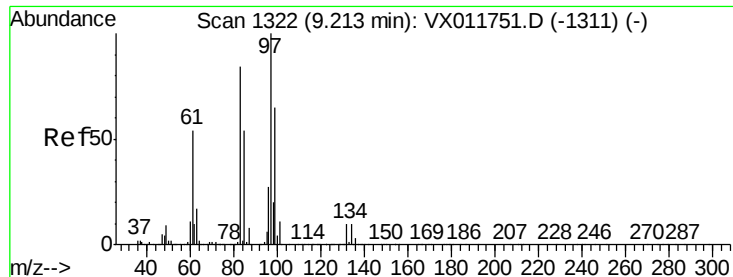
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 45.3 36.2 54.4

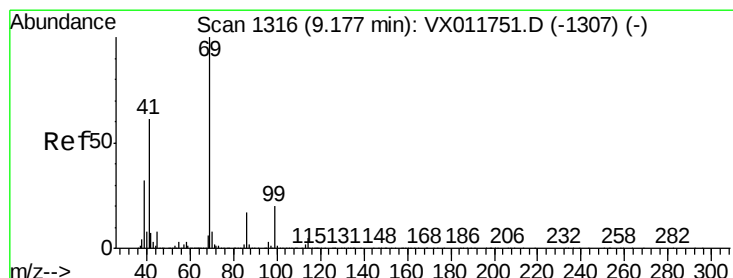
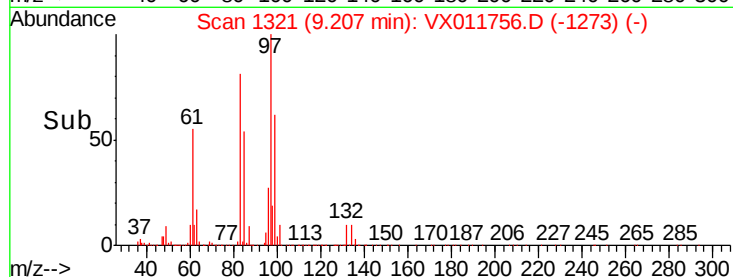
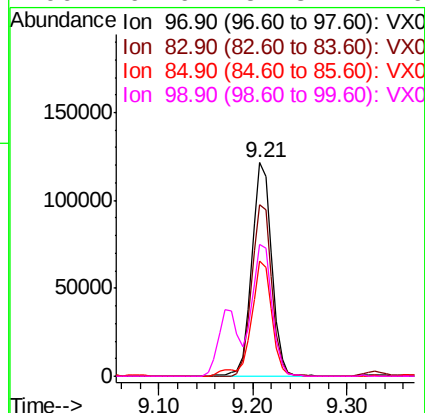
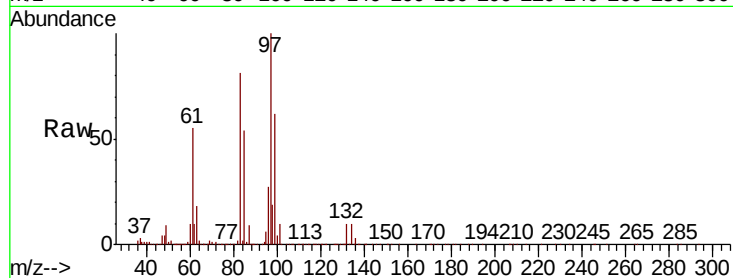




#55
 1,1,2-Trichloroethane
 Concen: 49.033 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

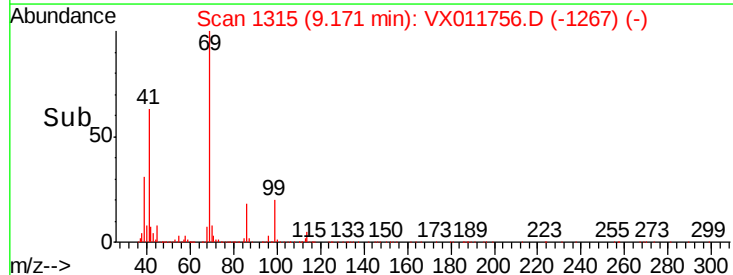
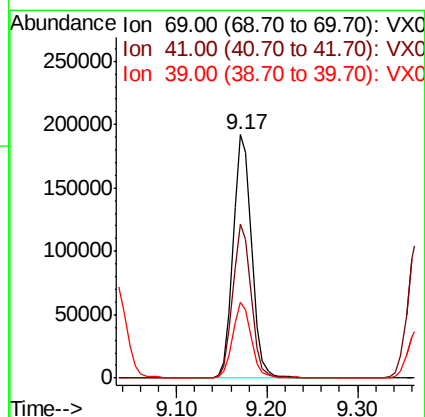
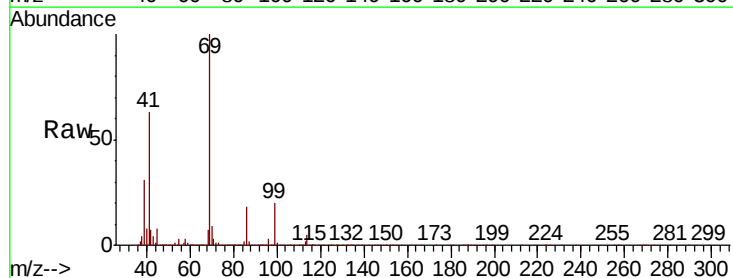
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

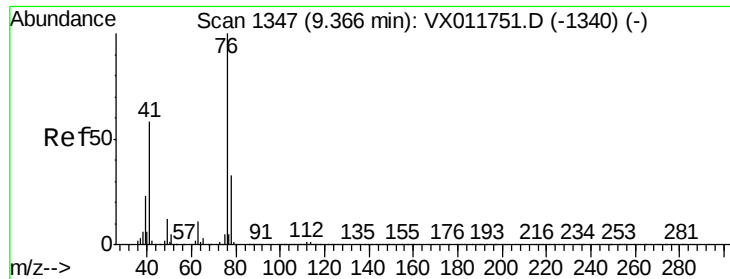
Tgt Ion:	97	Resp:	180724
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.3	100.9
85	53.9	43.4	65.2
99	61.6	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 51.689 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion:	69	Resp:	270946
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.7	76.1
39	31.2	26.4	39.6





#57

1,3-Dichloropropane

Concen: 47.617 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

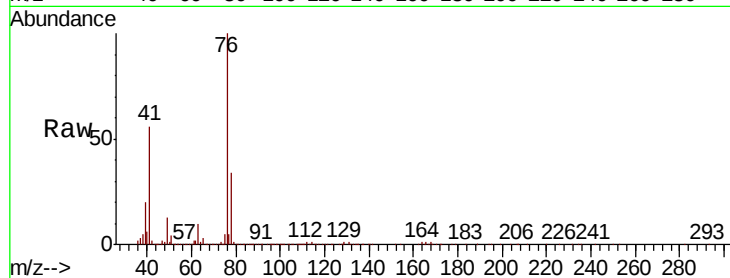
VSTDCCC050

Tgt Ion: 76 Resp: 283389

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

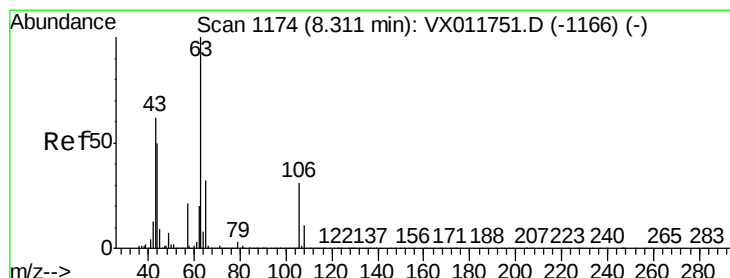
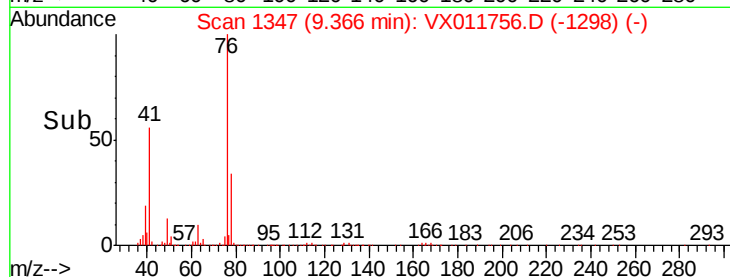
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.020 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011756.D

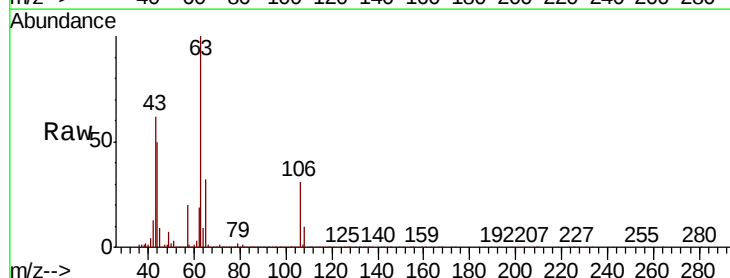
Acq: 22 Aug 2019 12:39

Tgt Ion: 63 Resp: 736278

Ion Ratio Lower Upper

63 100

106 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

500000

400000

300000

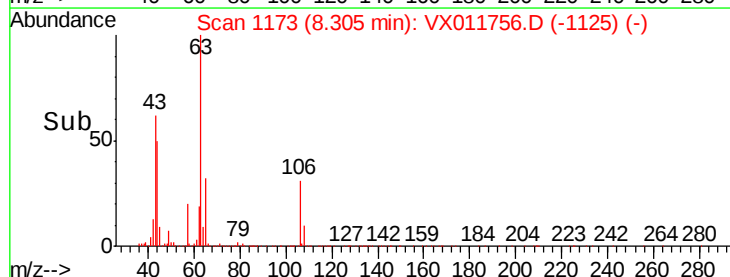
200000

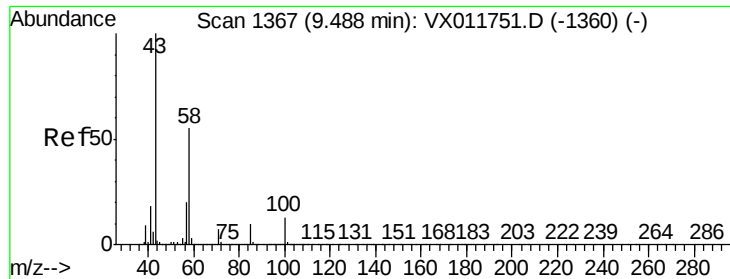
100000

0

8.20 8.30 8.40

Time-->

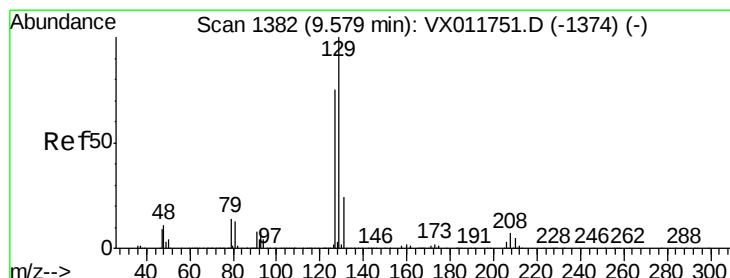
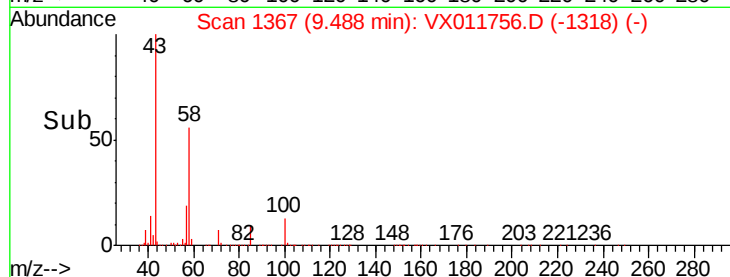
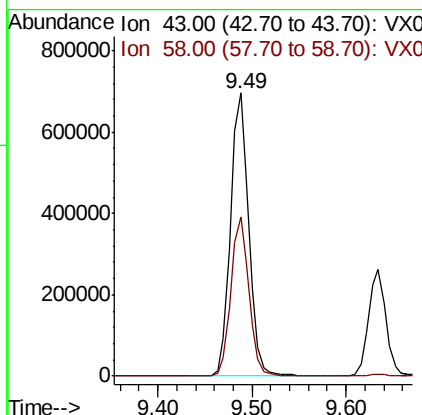
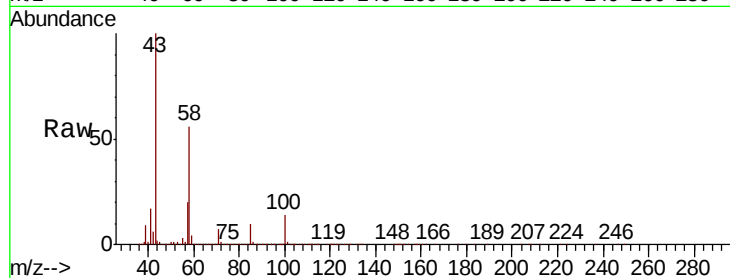




#59
2-Hexanone
Concen: 243.691 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

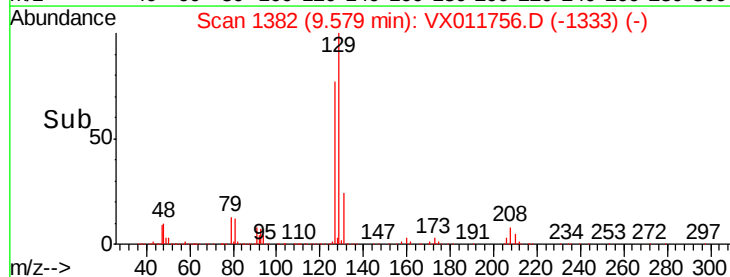
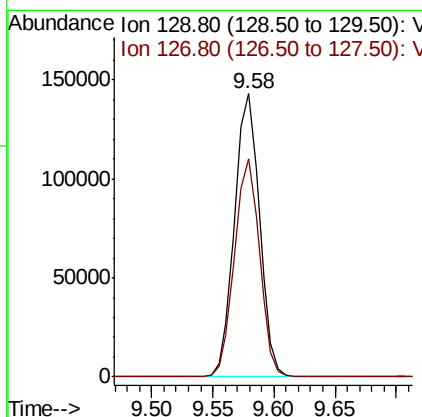
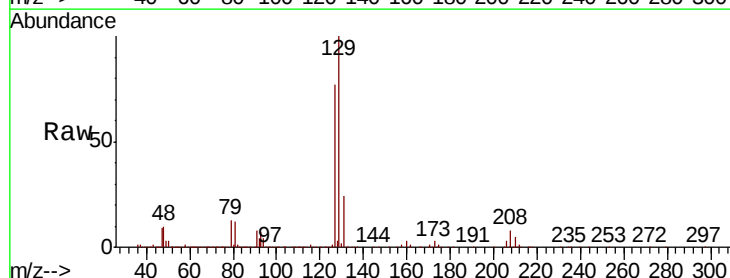
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

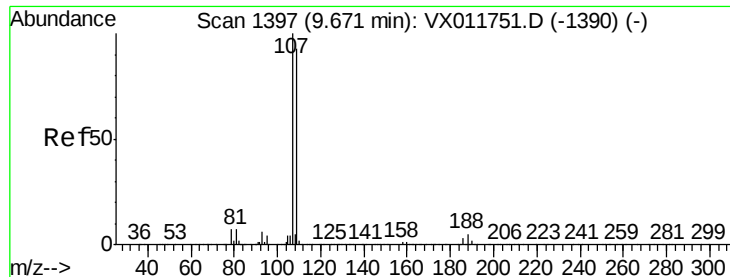
Tgt Ion: 43 Resp: 932896
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 50.814 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 129 Resp: 202497
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.506 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

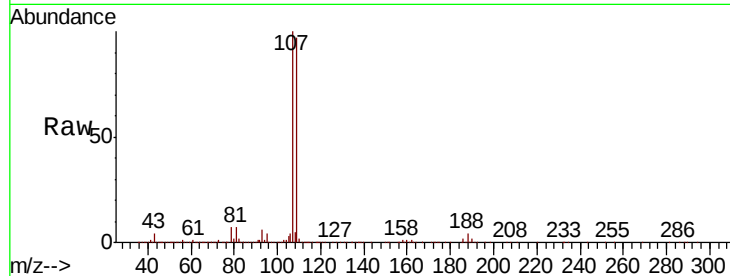
VSTDCCC050

Tgt Ion: 107 Resp: 195790

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

150000

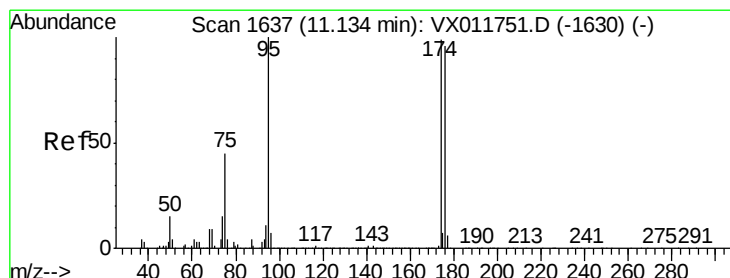
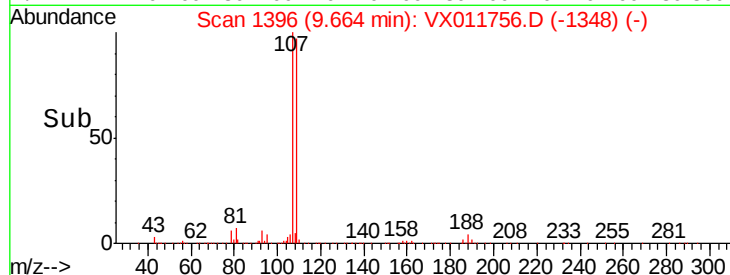
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.066 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

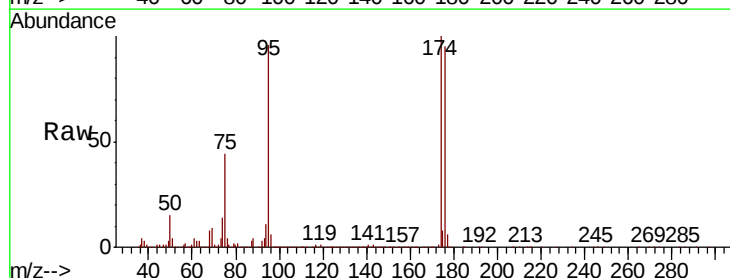
Tgt Ion: 95 Resp: 241492

Ion Ratio Lower Upper

95 100

174 102.6 0.0 197.4

176 99.8 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

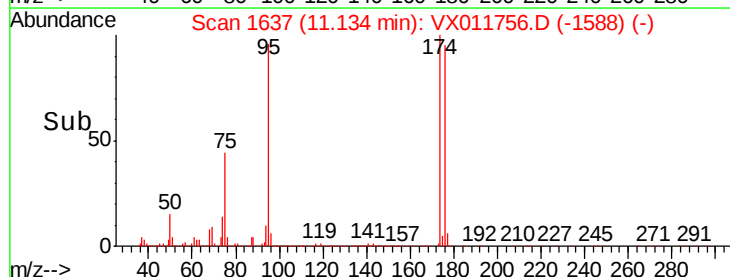
100000

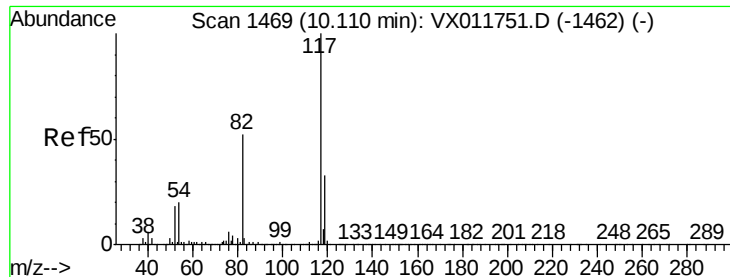
50000

0

11.10 11.20

Time-->

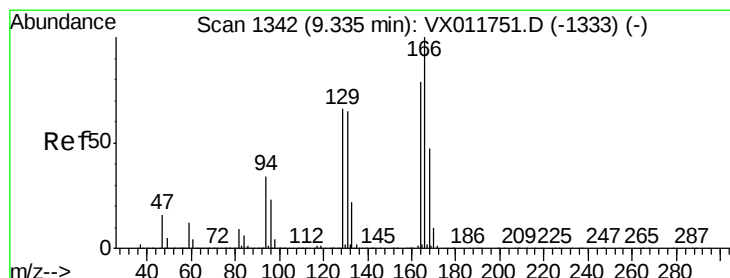
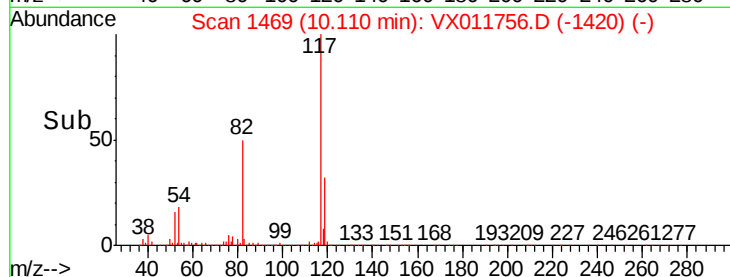
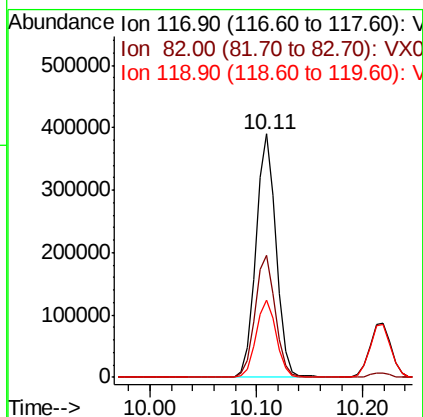
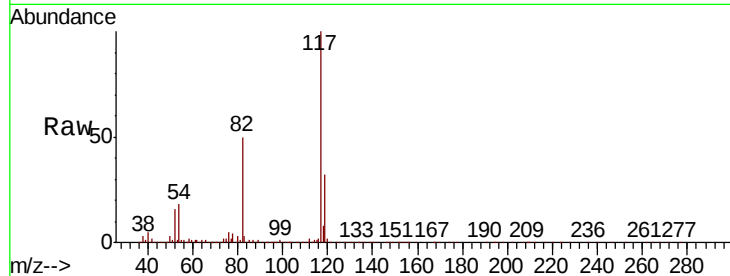




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

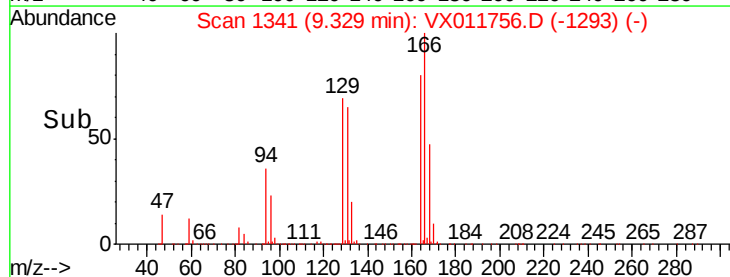
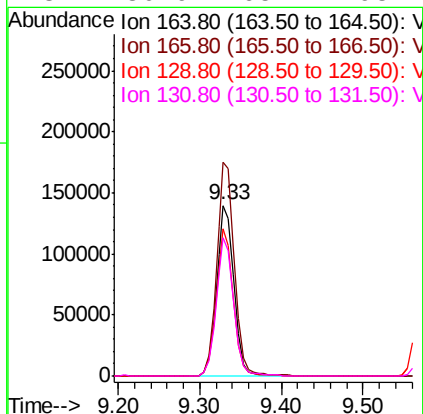
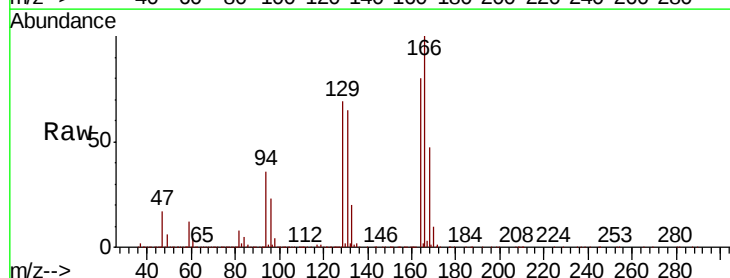
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

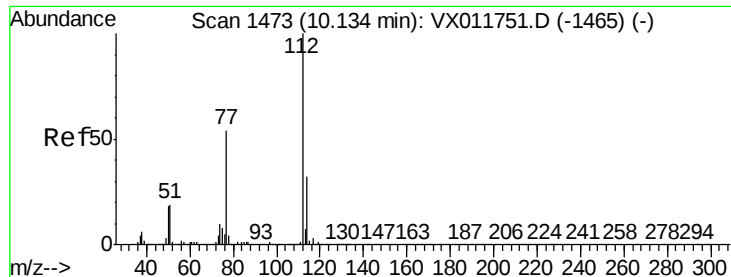
Tgt Ion:117 Resp: 517343
Ion Ratio Lower Upper
117 100
82 50.0 41.7 62.5
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 50.722 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion:164 Resp: 209344
Ion Ratio Lower Upper
164 100
166 125.0 100.7 151.1
129 85.8 66.8 100.2
131 80.9 65.4 98.2





#65

Chlorobenzene

Concen: 48.839 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

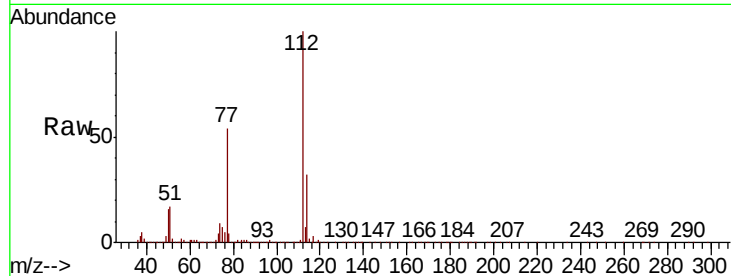
VSTDCCC050

Tgt Ion:112 Resp: 493290

Ion Ratio Lower Upper

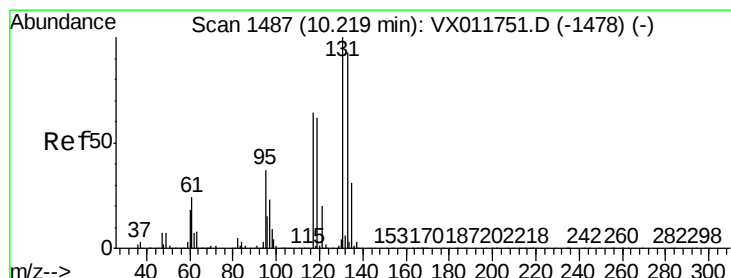
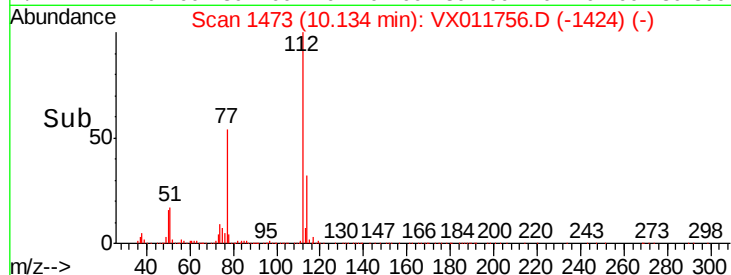
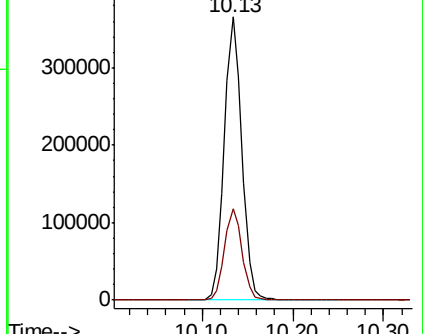
112 100

114 32.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.135 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

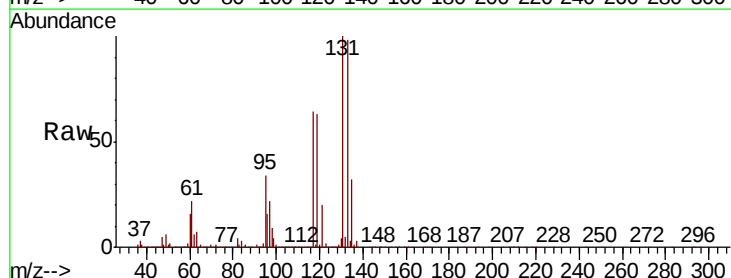
Tgt Ion:131 Resp: 189726

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.4

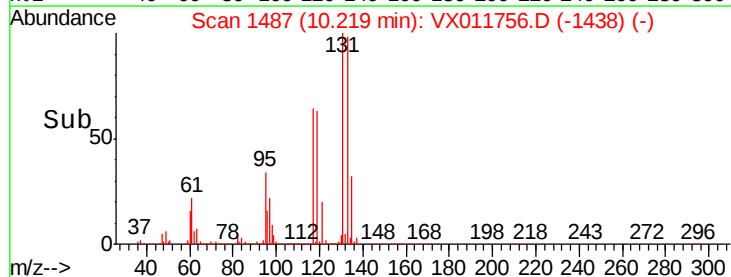
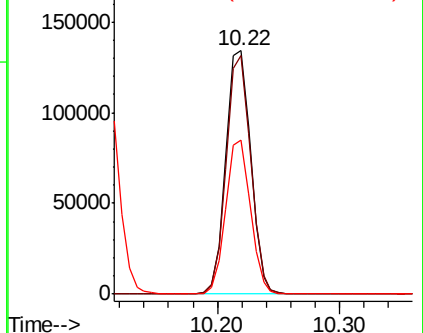
119 62.7 31.3 93.8

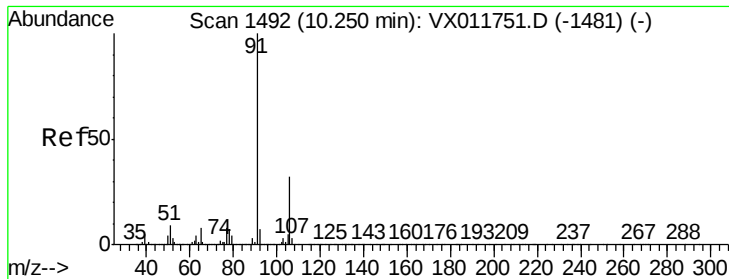


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.719 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

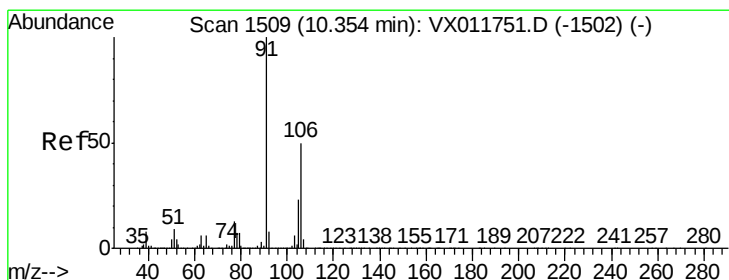
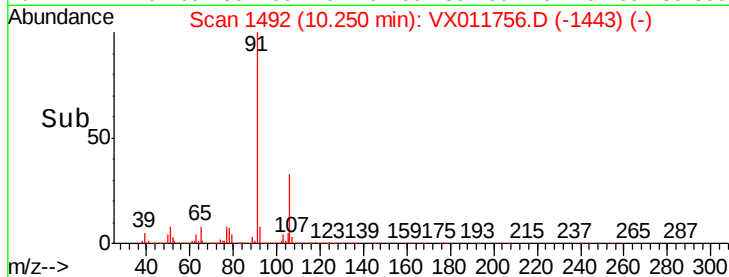
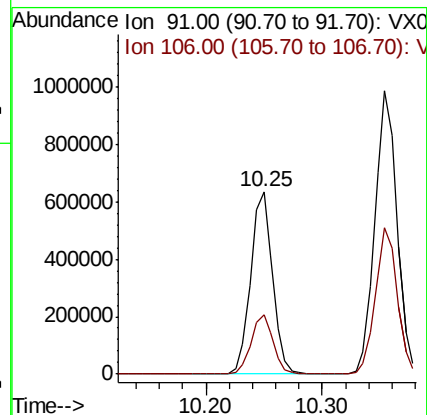
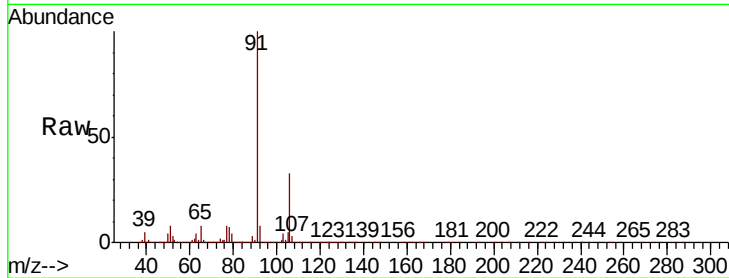
VSTDCCC050

Tgt Ion: 91 Resp: 839197

Ion Ratio Lower Upper

91 100

106 32.6 25.5 38.3



#68

m/p-Xylenes

Concen: 102.813 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011756.D

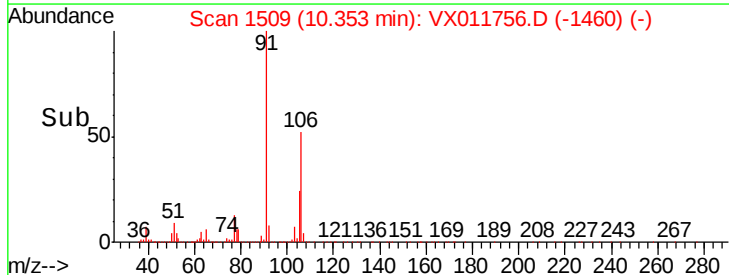
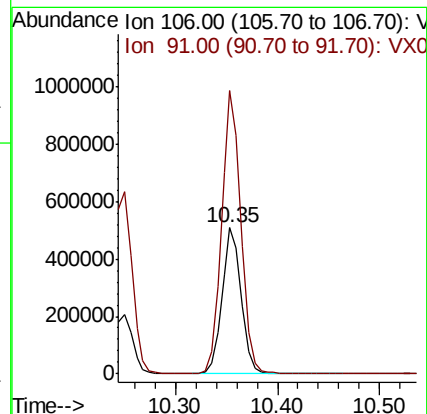
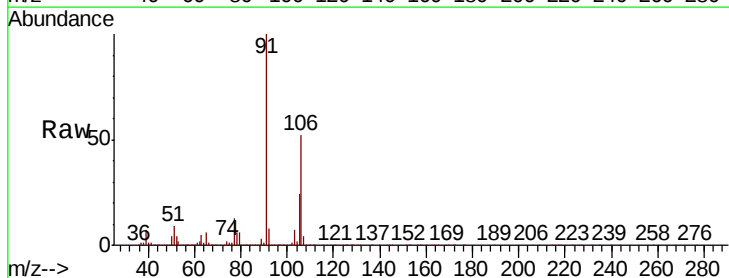
Acq: 22 Aug 2019 12:39

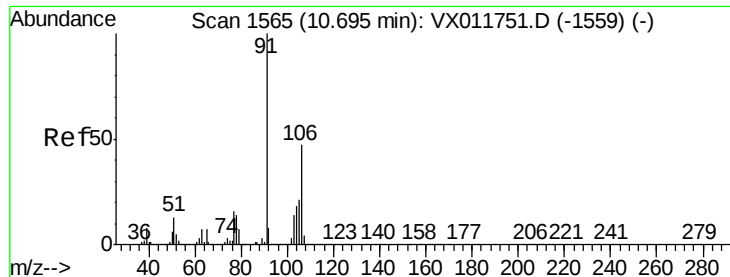
Tgt Ion: 106 Resp: 669124

Ion Ratio Lower Upper

106 100

91 194.6 158.3 237.5

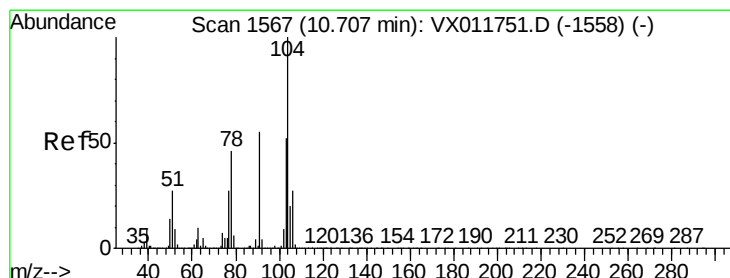
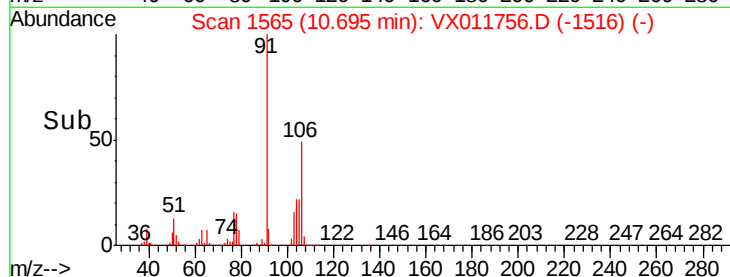
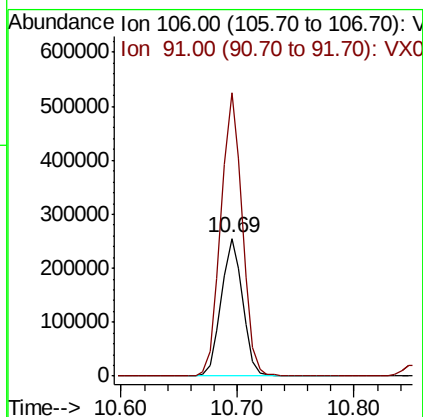
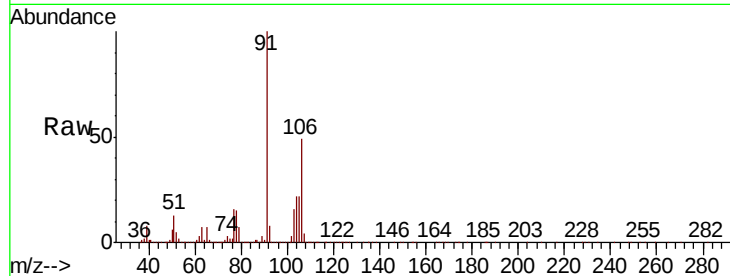




#69
o-Xylene
Concen: 50.477 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

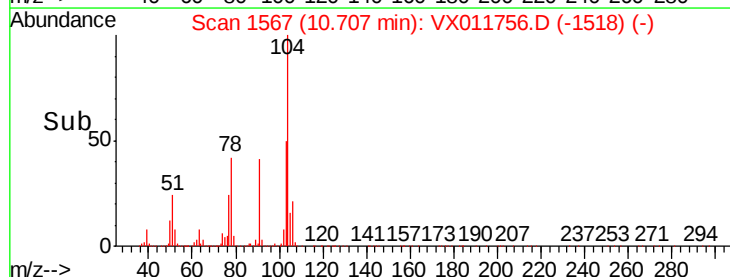
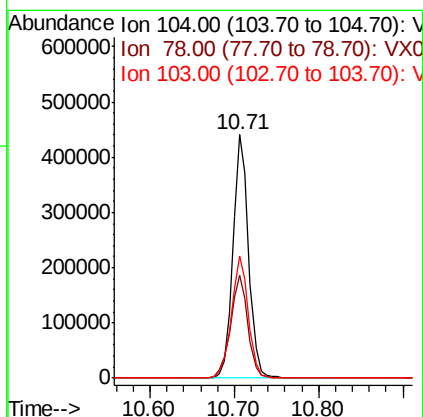
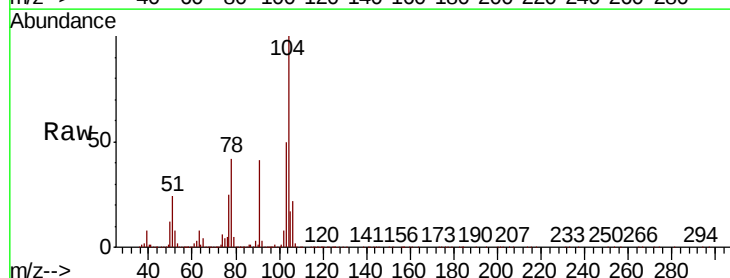
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

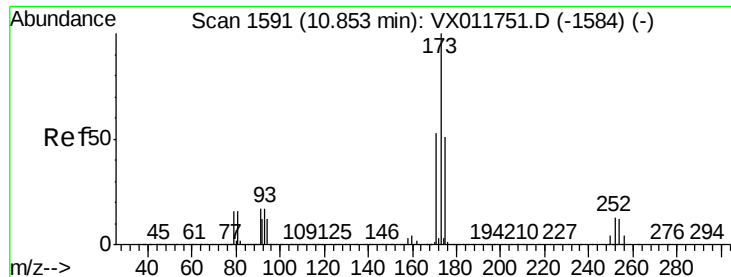
Tgt Ion:106 Resp: 322540
Ion Ratio Lower Upper
106 100
91 205.3 105.0 314.9



#70
Styrene
Concen: 51.819 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion:104 Resp: 553904
Ion Ratio Lower Upper
104 100
78 46.7 39.2 58.8
103 54.7 44.5 66.7





#71

Bromoform

Concen: 51.361 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

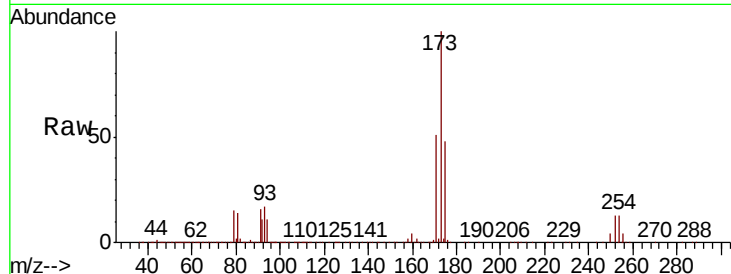
Tgt Ion:173 Resp: 167670

Ion Ratio Lower Upper

173 100

175 47.7 25.1 75.3

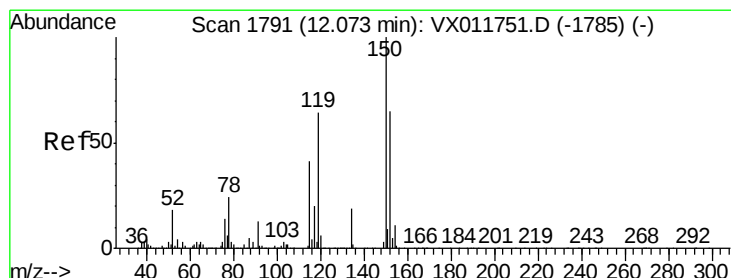
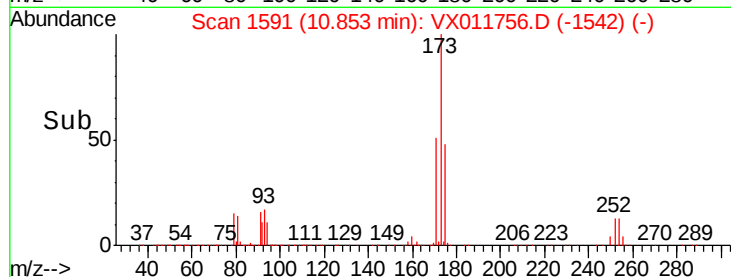
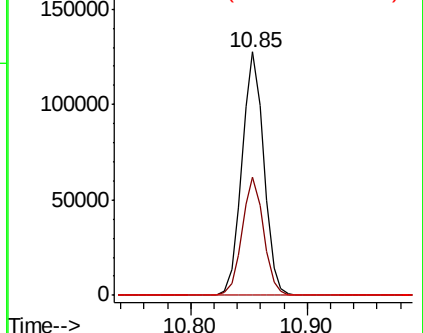
254 0.2 0.2 0.4#



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. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

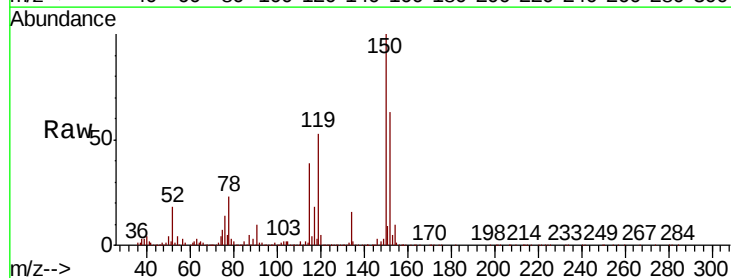
Tgt Ion:152 Resp: 283133

Ion Ratio Lower Upper

152 100

115 74.4 37.3 111.8

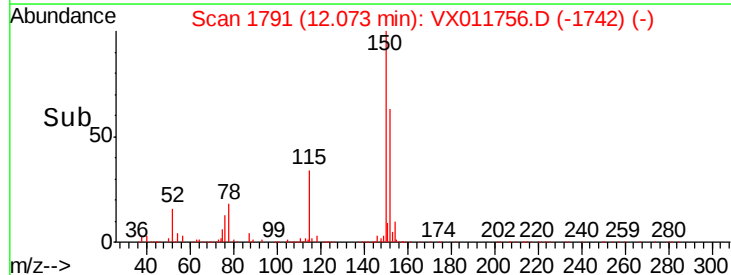
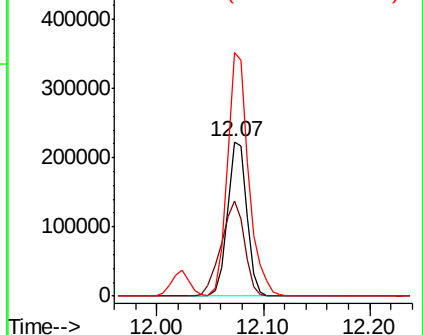
150 172.3 0.0 343.0

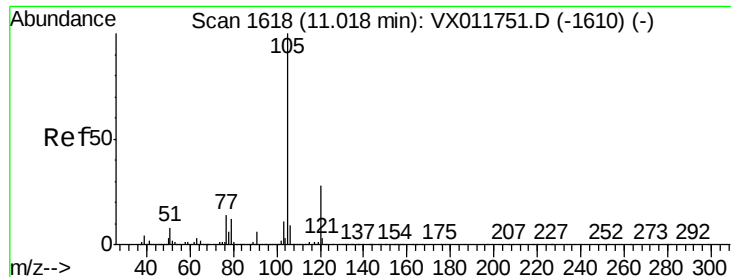


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.558 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

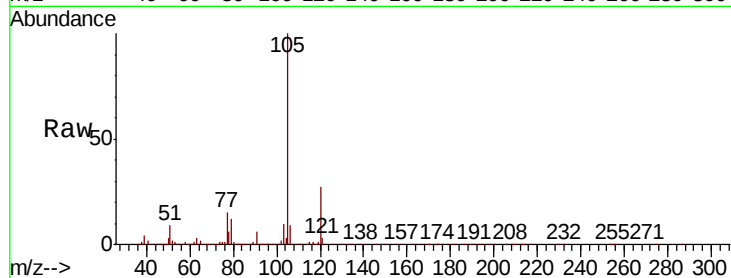
VSTDCCC050

Tgt Ion: 105 Resp: 862655

Ion Ratio Lower Upper

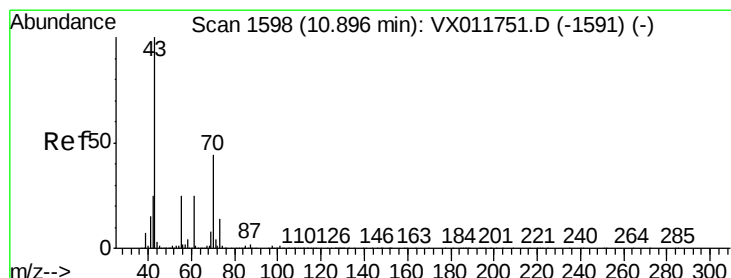
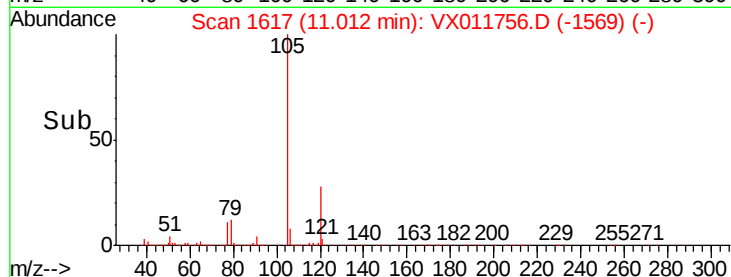
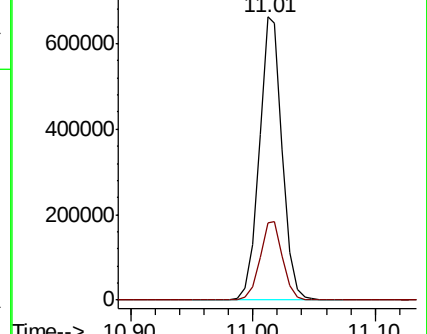
105 100

120 27.6 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.734 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Tgt Ion: 43 Resp: 328534

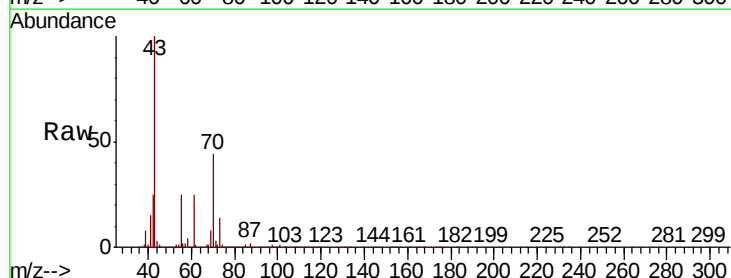
Ion Ratio Lower Upper

43 100

70 44.2 34.8 52.2

55 25.0 19.5 29.3

61 25.7 19.8 29.6

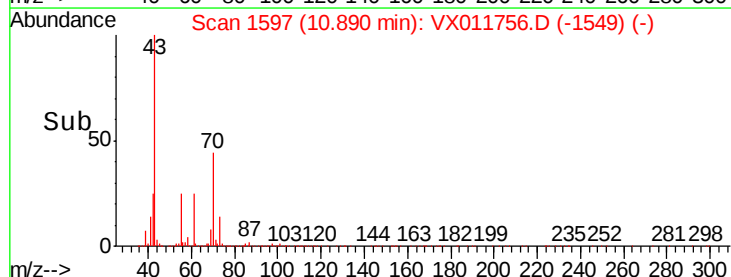
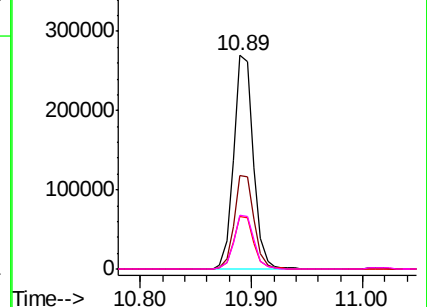


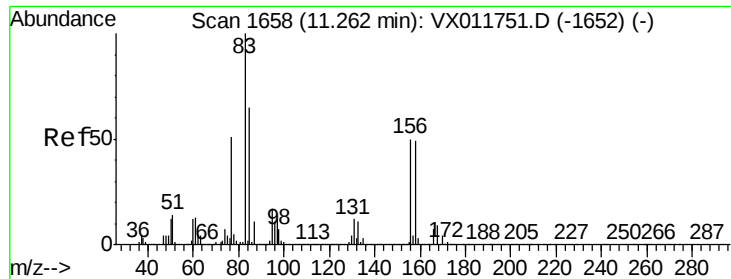
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.676 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

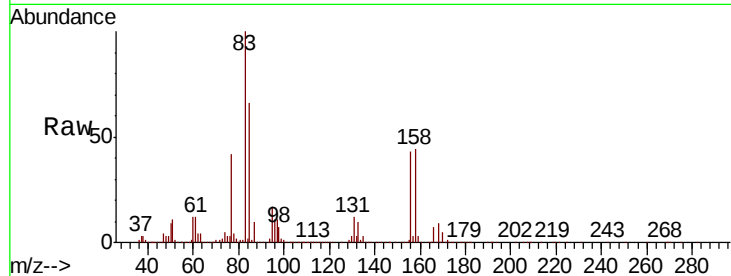
Tgt Ion: 83 Resp: 269256

Ion Ratio Lower Upper

83 100

131 12.4 6.1 18.3

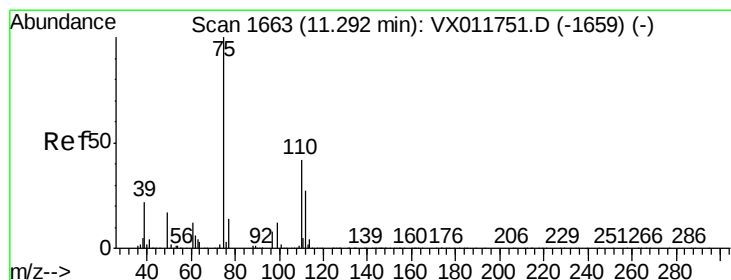
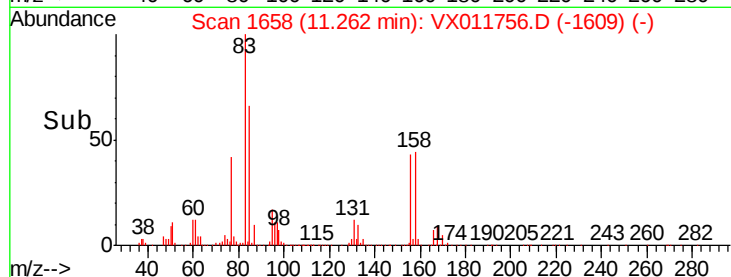
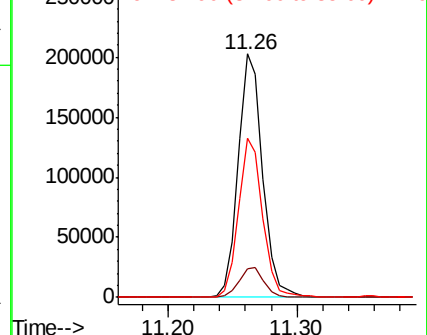
85 64.4 32.4 97.0



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: 61.997 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011756.D

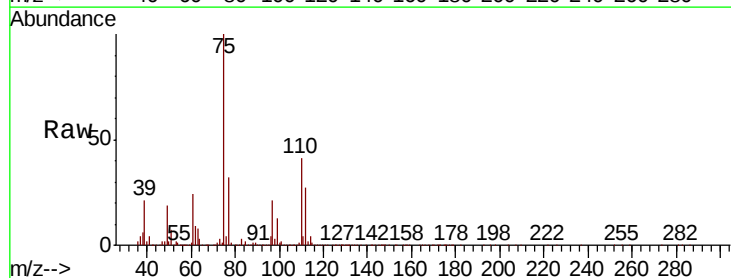
Acq: 22 Aug 2019 12:39

Tgt Ion: 75 Resp: 308006

Ion Ratio Lower Upper

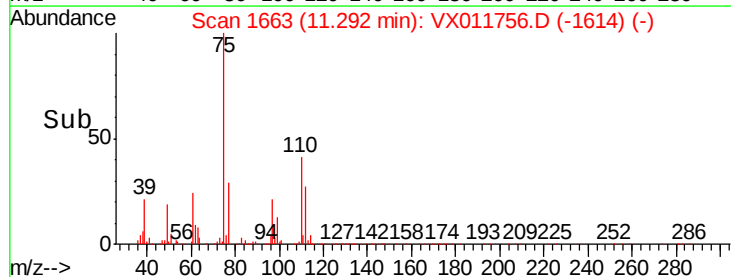
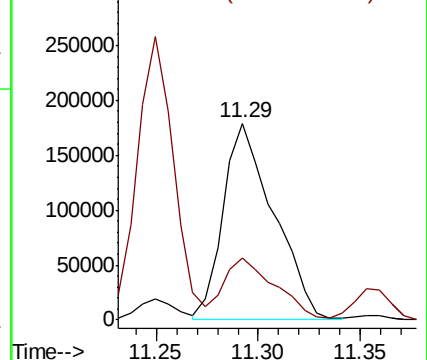
75 100

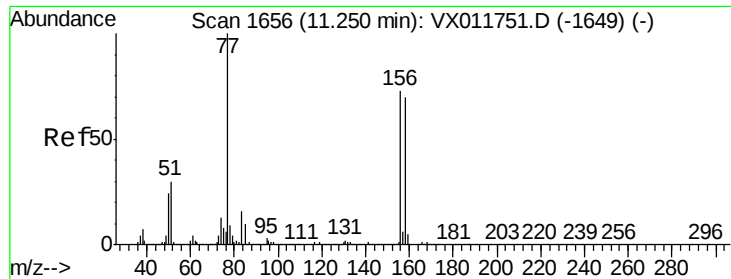
77 31.6 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.945 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

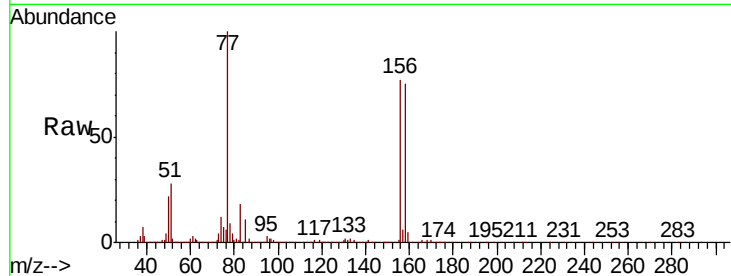
Tgt Ion:156 Resp: 251229

Ion Ratio Lower Upper

156 100

77 128.0 65.3 196.0

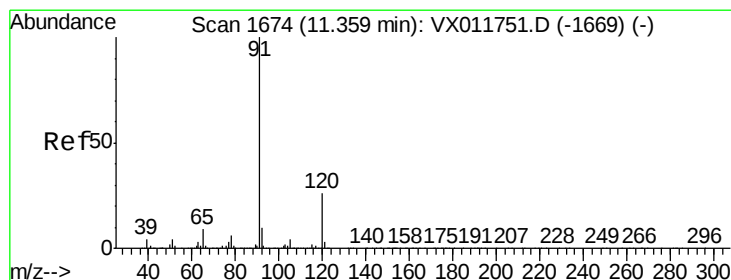
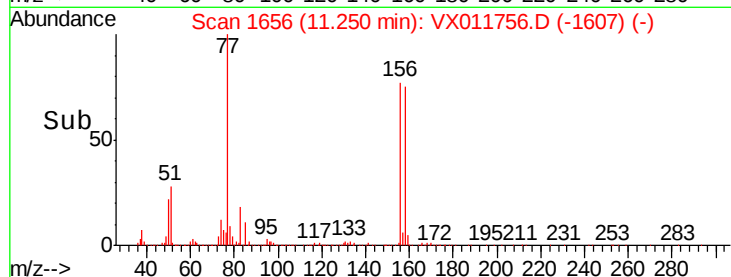
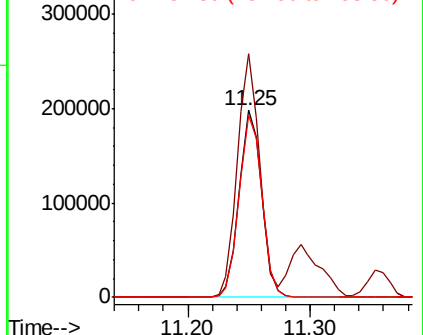
158 98.6 48.4 145.0



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: 52.600 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011756.D

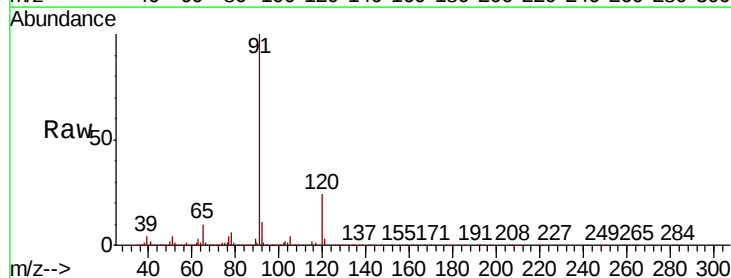
Acq: 22 Aug 2019 12:39

Tgt Ion: 91 Resp: 959665

Ion Ratio Lower Upper

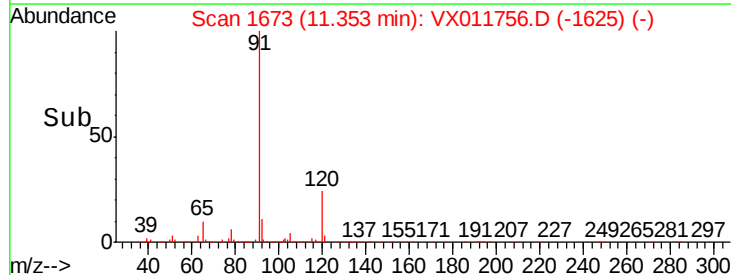
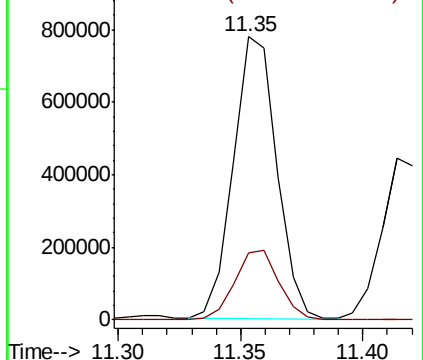
91 100

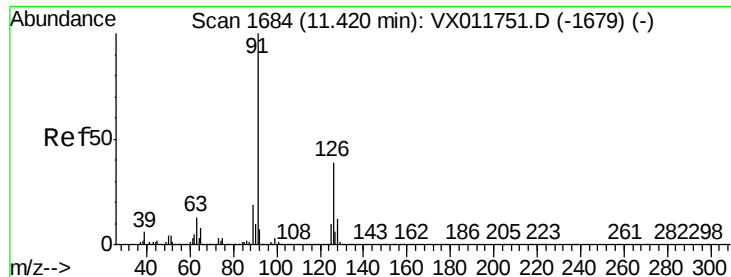
120 25.4 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.979 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

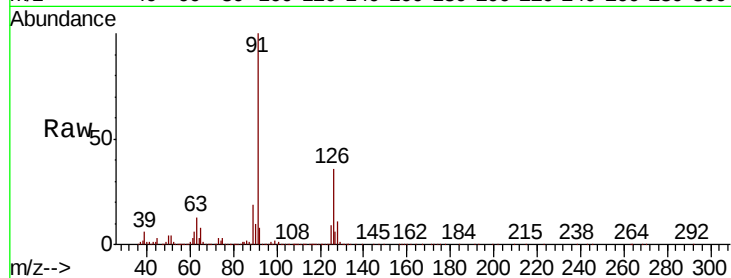
VSTDCCC050

Tgt Ion: 91 Resp: 567295

Ion Ratio Lower Upper

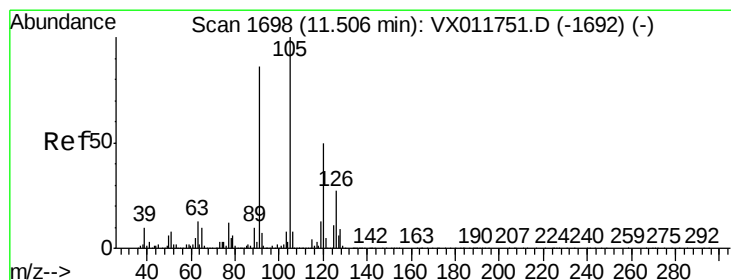
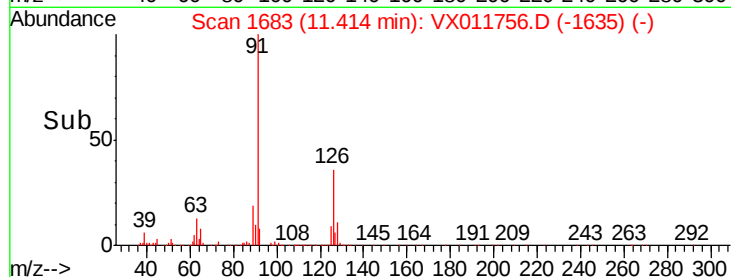
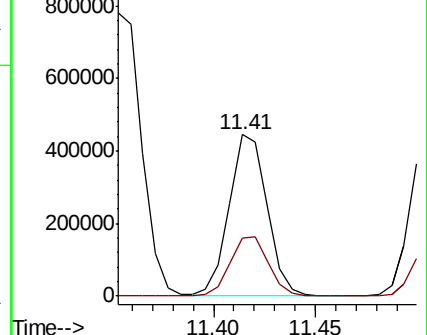
91 100

126 37.8 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.128 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011756.D

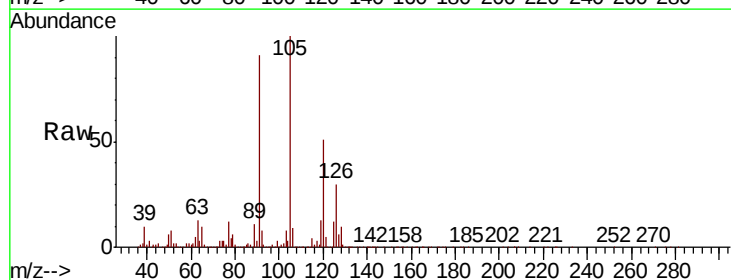
Acq: 22 Aug 2019 12:39

Tgt Ion: 105 Resp: 742108

Ion Ratio Lower Upper

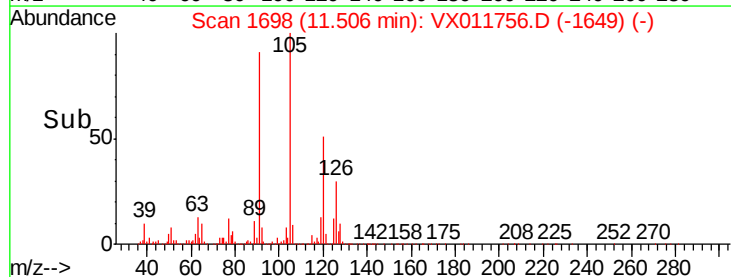
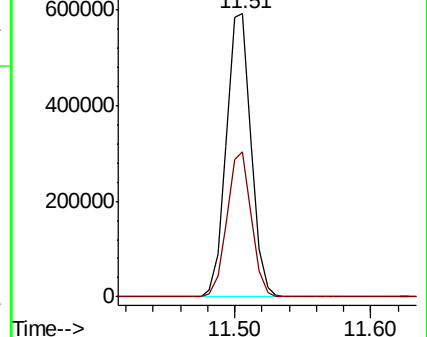
105 100

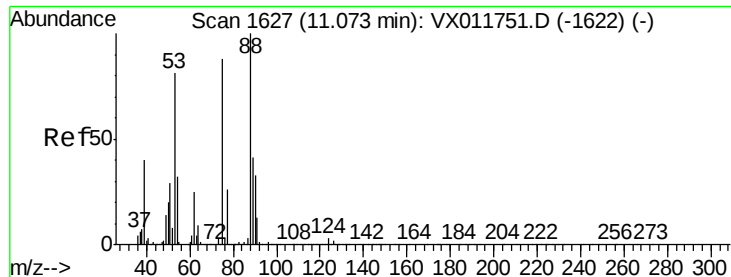
120 50.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

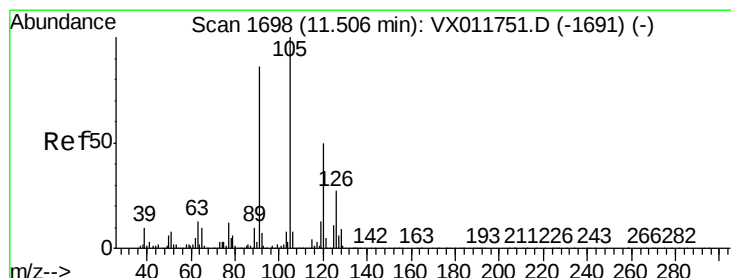
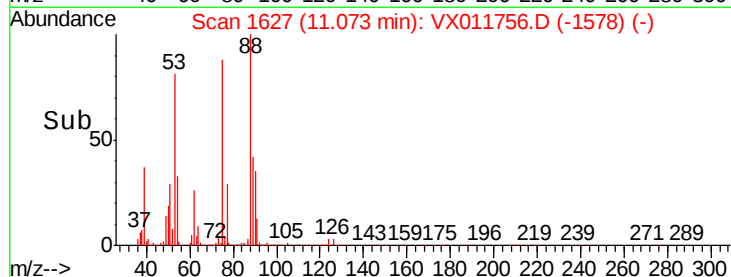
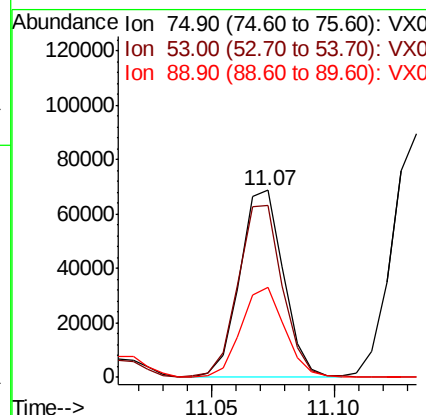
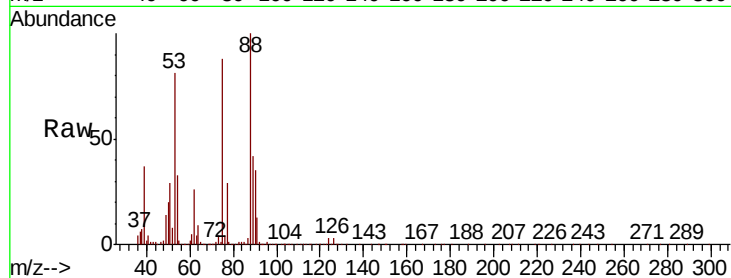




#81
trans-1,4-Dichloro-2-butene
Concen: 51.744 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

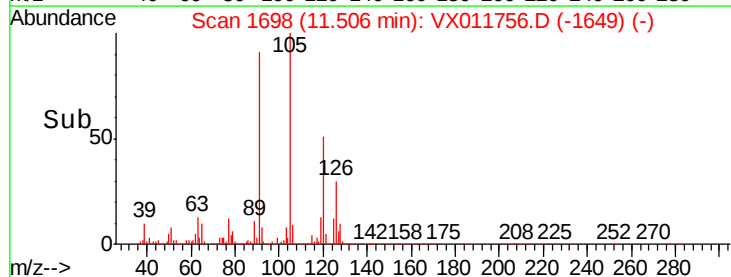
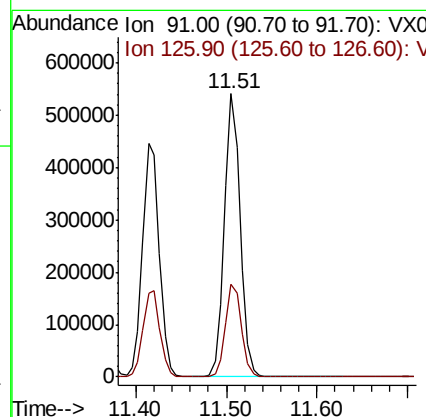
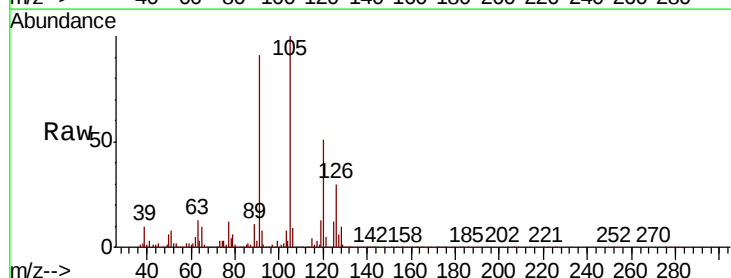
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

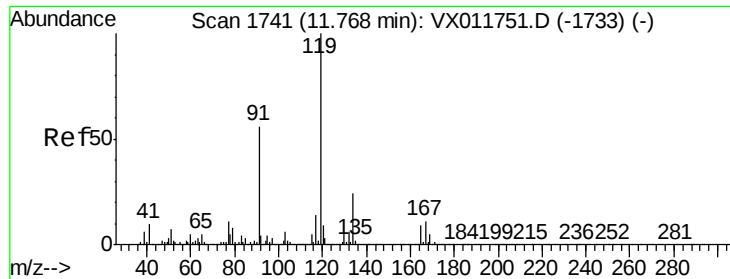
Tgt Ion: 75 Resp: 85241
Ion Ratio Lower Upper
75 100
53 93.5 77.1 115.7
89 48.7 38.5 57.7



#82
4-Chlorotoluene
Concen: 50.511 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 91 Resp: 660866
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

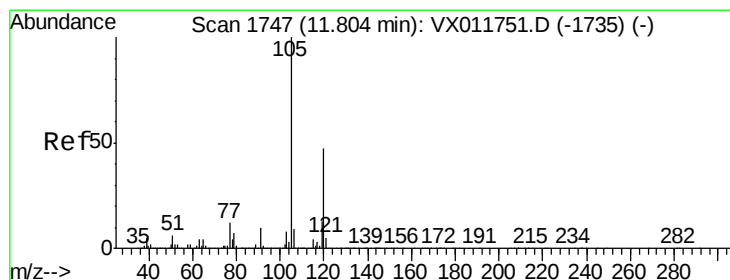
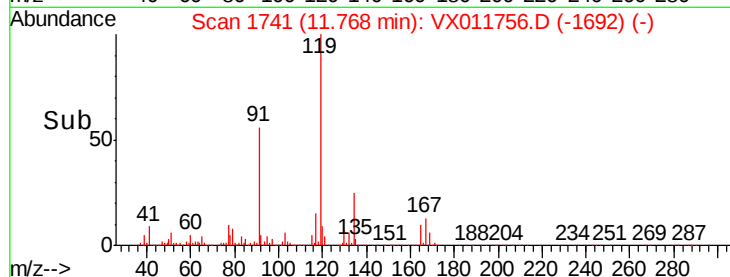
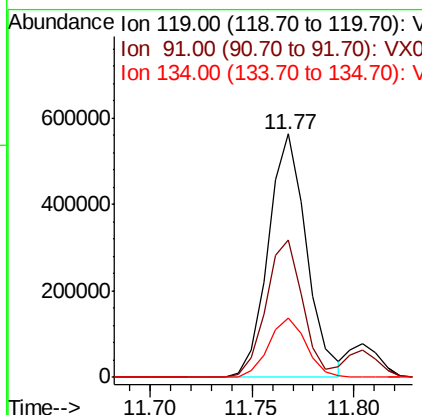
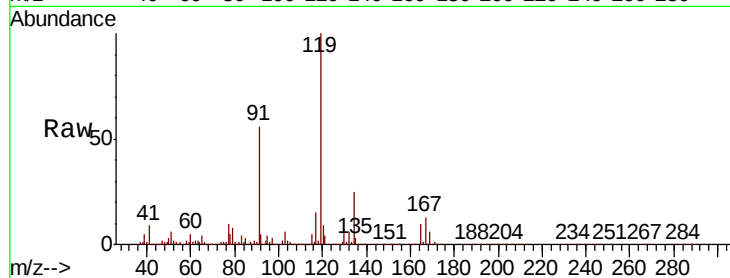




#83
 tert-Butylbenzene
 Concen: 52.437 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

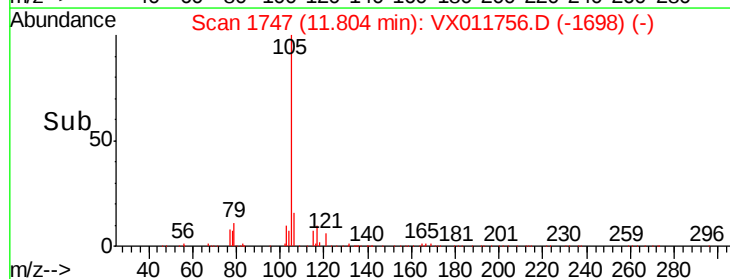
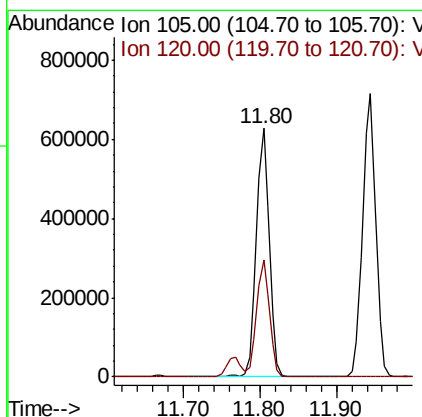
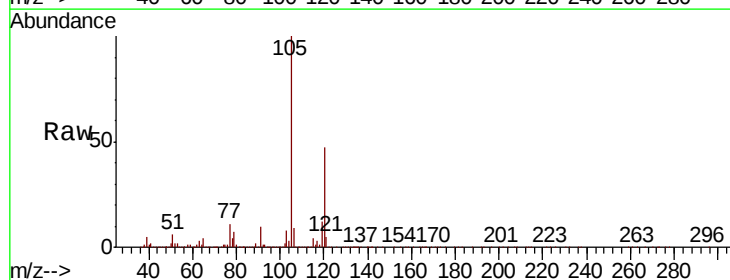
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

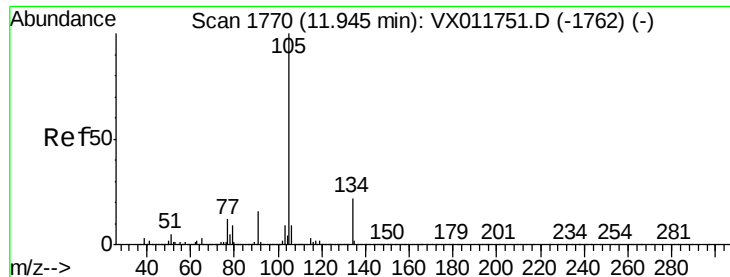
Tgt Ion:119 Resp: 736526
 Ion Ratio Lower Upper
 119 100
 91 53.9 27.7 83.1
 134 23.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.959 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion:105 Resp: 746983
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.7 71.1





#85

sec-Butylbenzene

Concen: 53.034 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

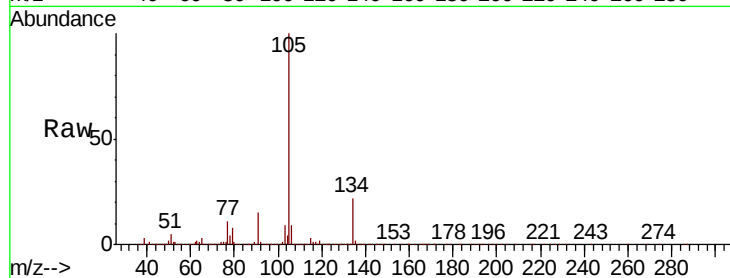
VSTDCCC050

Tgt Ion:105 Resp: 852088

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

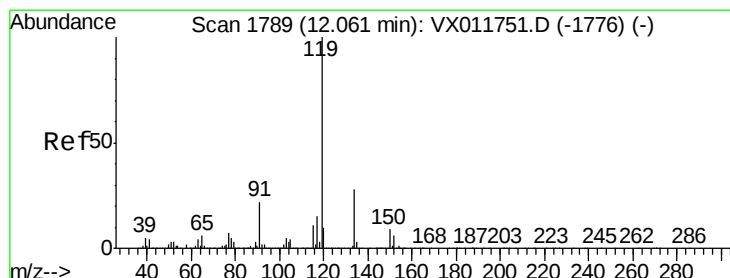
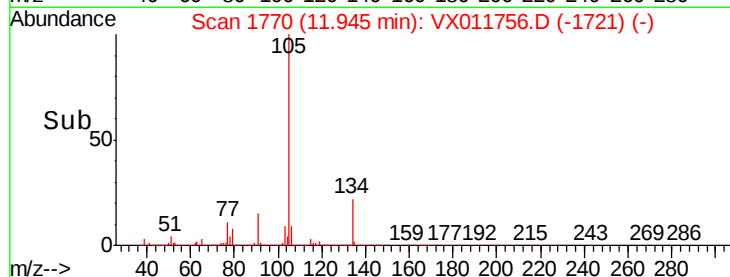
200000

0

11.94

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 53.199 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

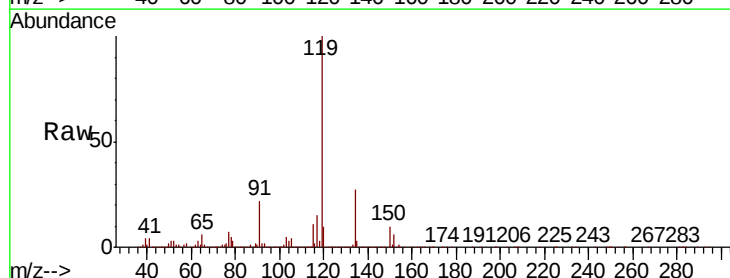
Tgt Ion:119 Resp: 822387

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 21.9 11.1 33.3



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

1000000

800000

600000

400000

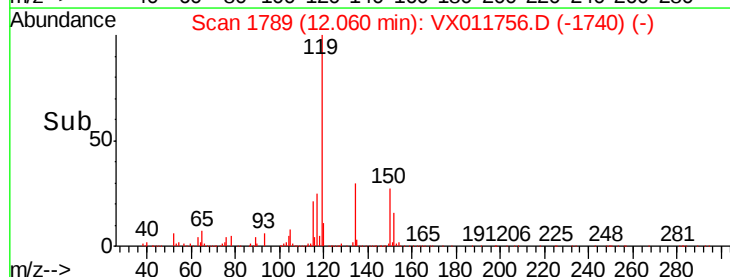
200000

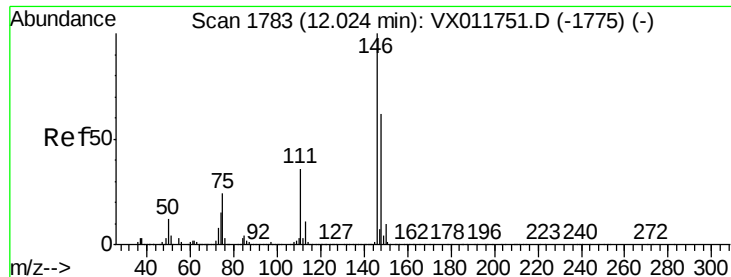
0

12.06

12.00 12.10

Time-->

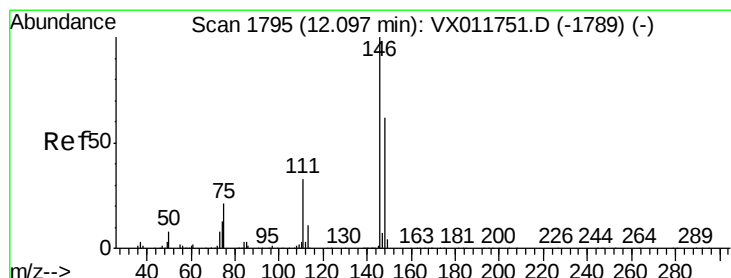
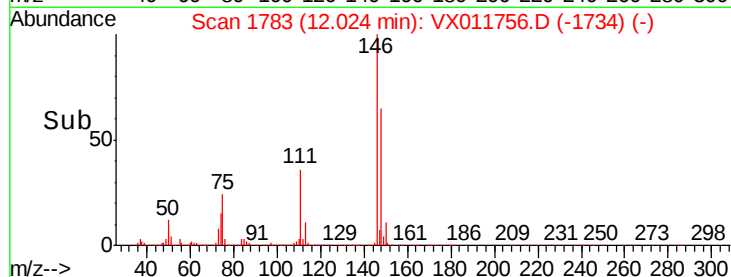
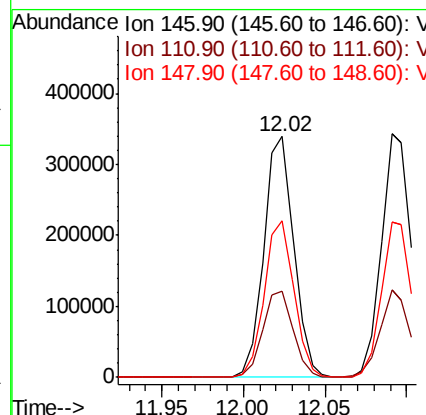
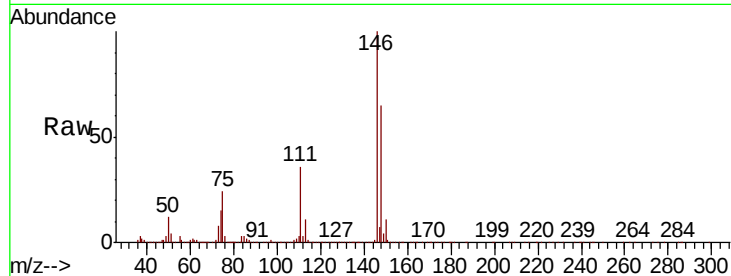




#87
 1,3-Dichlorobenzene
 Concen: 49.832 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

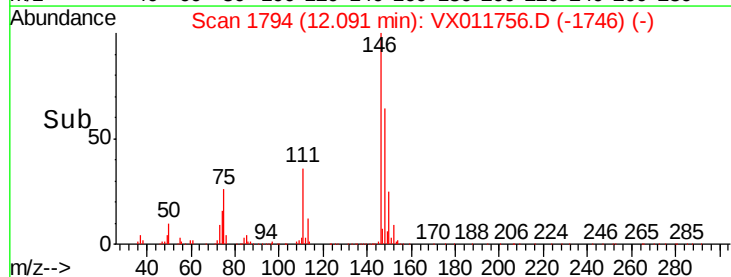
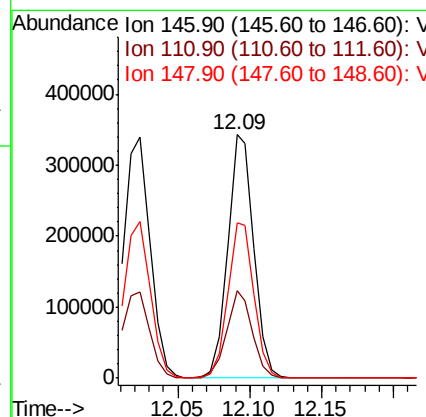
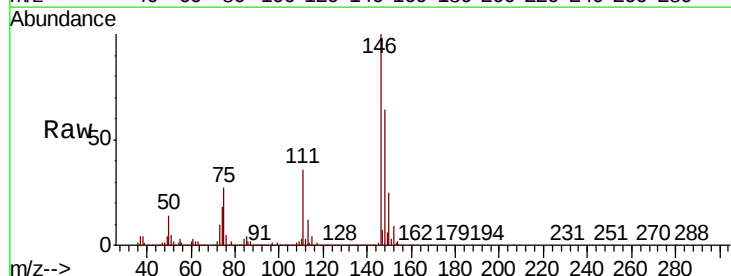
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

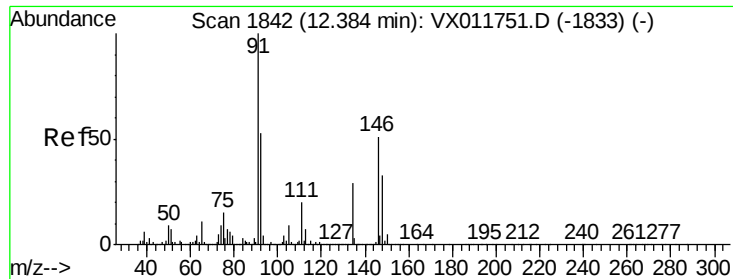
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.4
148	64.6	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.637 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.8	53.4
148	64.2	31.9	95.7

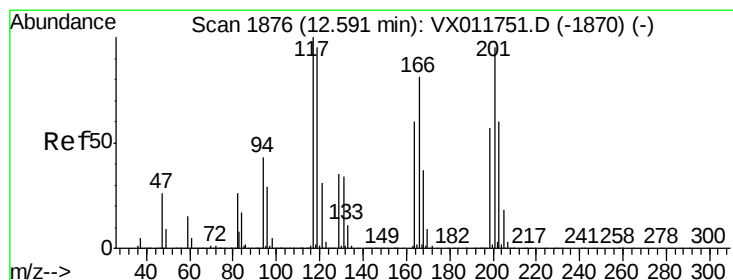
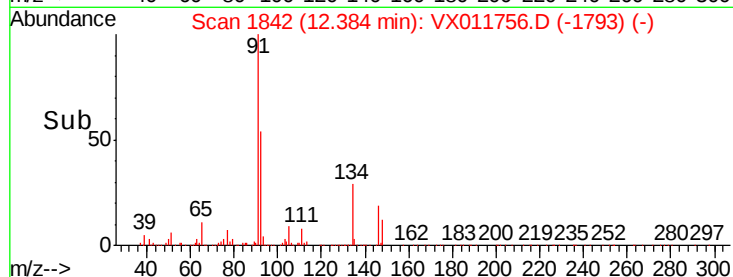
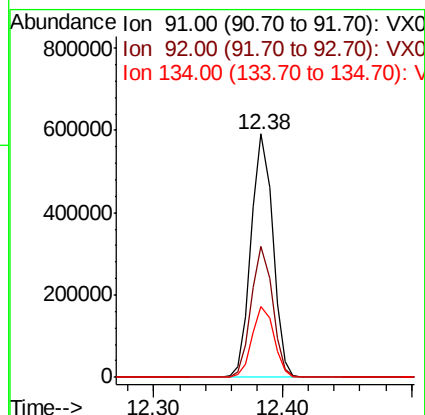
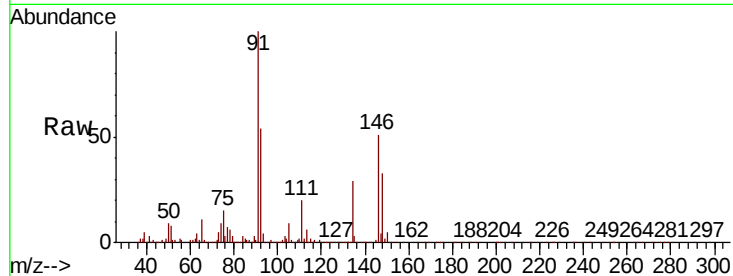




#89
n-Butylbenzene
Concen: 53.466 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

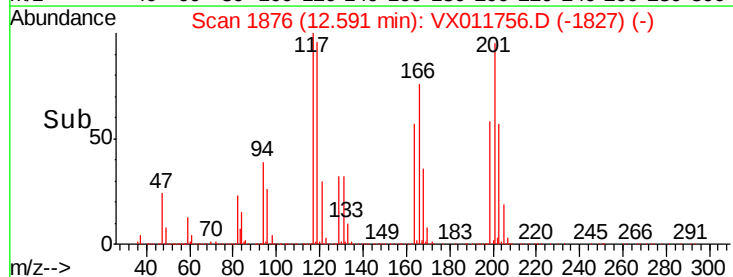
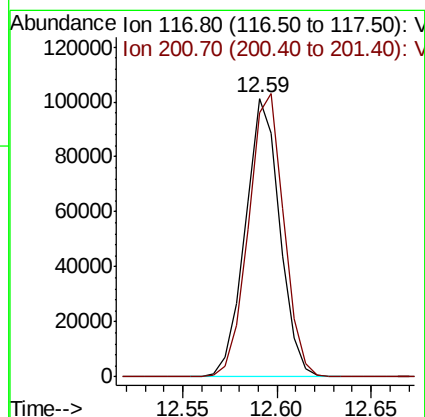
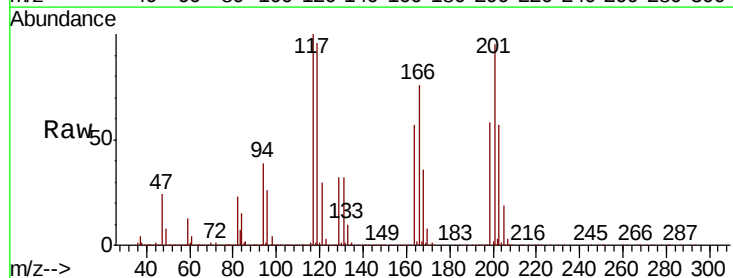
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

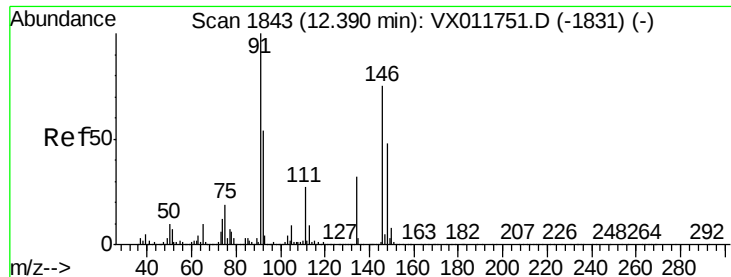
Tgt Ion: 91 Resp: 684206
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 29.4 14.6 43.8



#90
Hexachloroethane
Concen: 53.152 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011756.D
Acq: 22 Aug 2019 12:39

Tgt Ion: 117 Resp: 127651
Ion Ratio Lower Upper
117 100
201 104.4 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 48.674 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

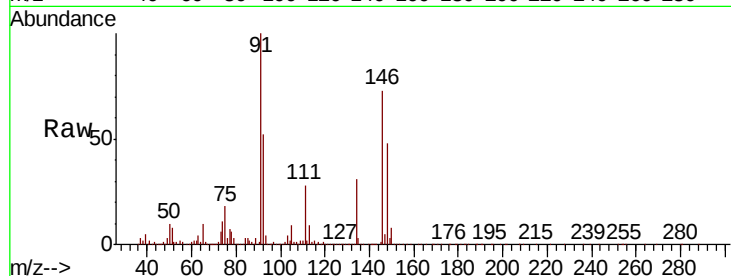
Tgt Ion:146 Resp: 425259

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

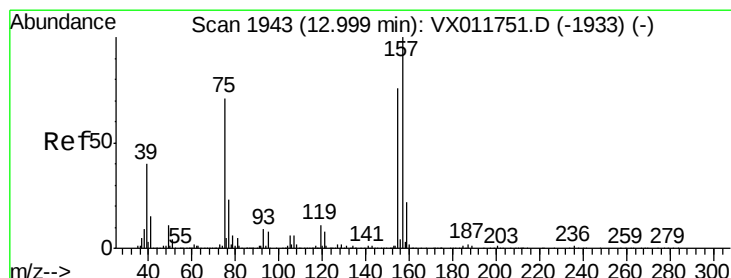
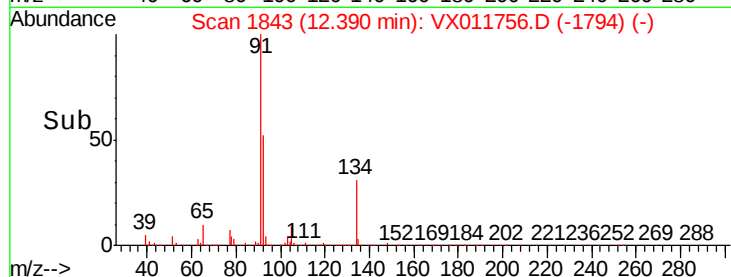
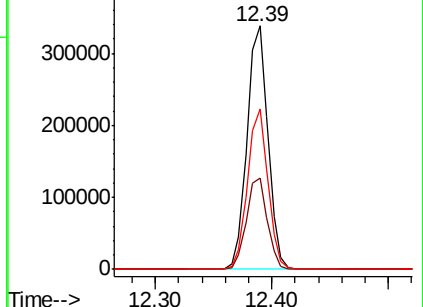
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.388 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

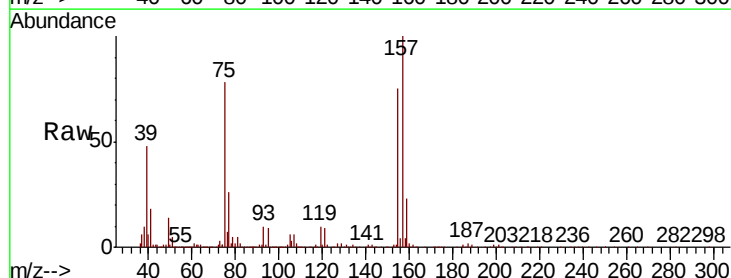
Tgt Ion: 75 Resp: 60898

Ion Ratio Lower Upper

75 100

155 105.9 52.6 157.9

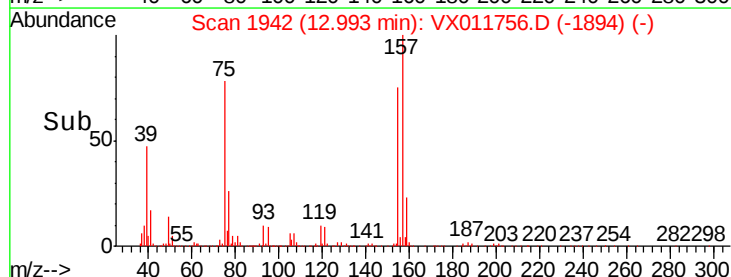
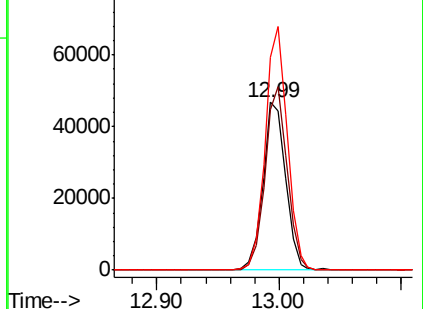
157 140.4 68.3 204.9

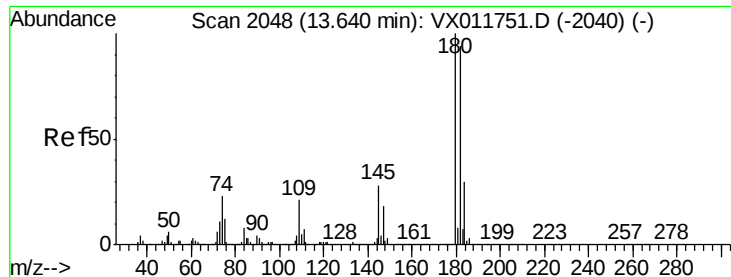


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

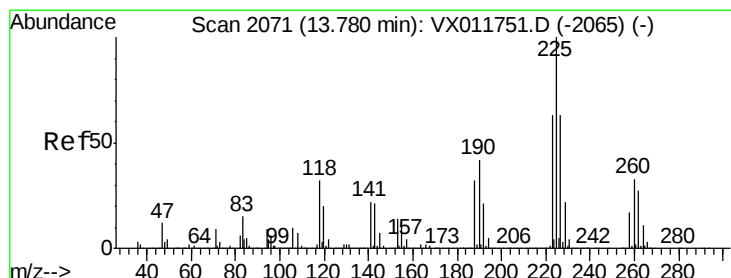
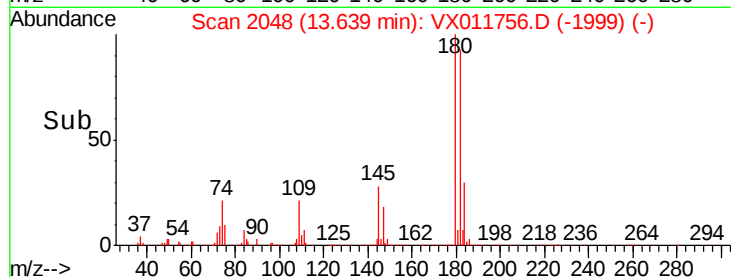
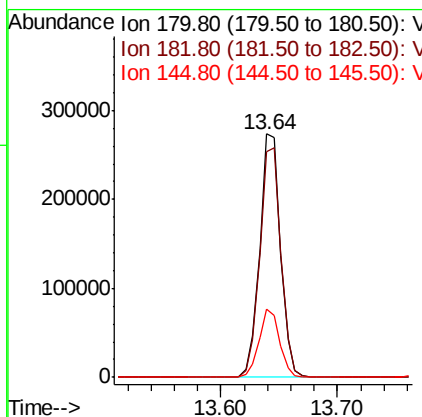
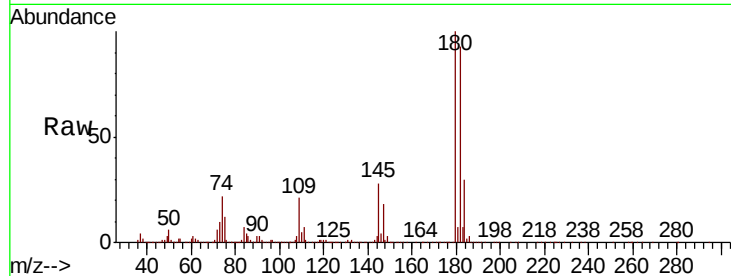




#93
 1,2,4-Trichlorobenzene
 Concen: 53.247 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

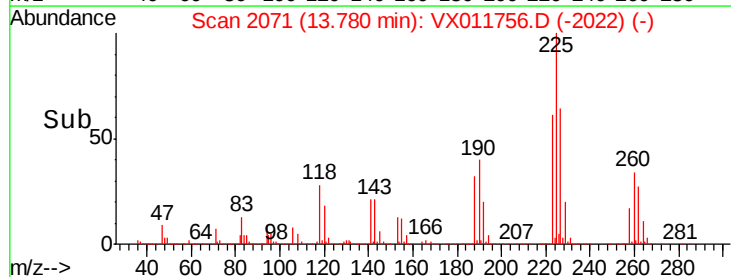
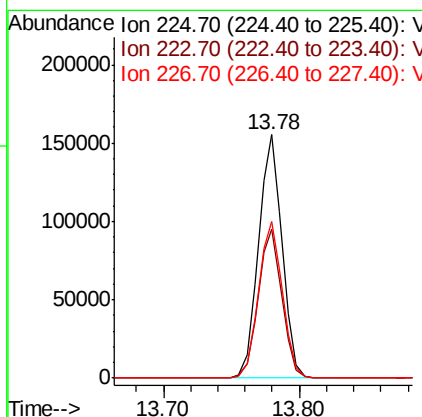
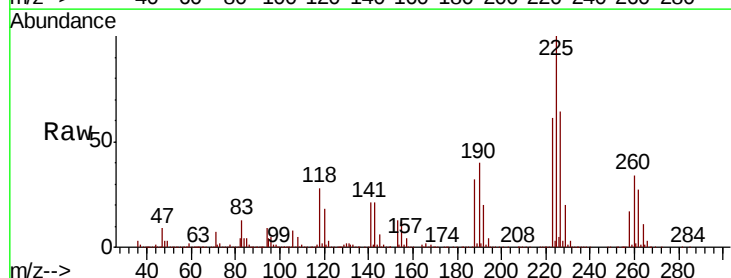
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

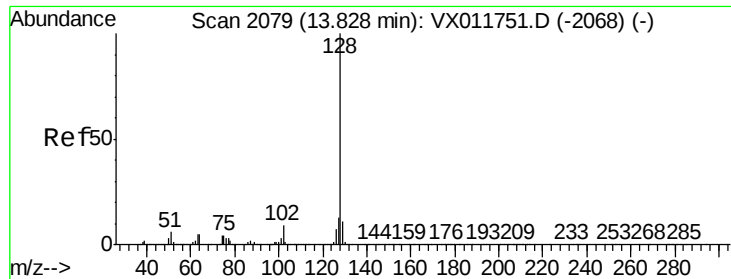
Tgt Ion:180 Resp: 342197
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.4
 145 27.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 53.619 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011756.D
 Acq: 22 Aug 2019 12:39

Tgt Ion:225 Resp: 188821
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.0 93.0
 227 65.2 31.8 95.3





#95

Naphthalene

Concen: 53.549 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

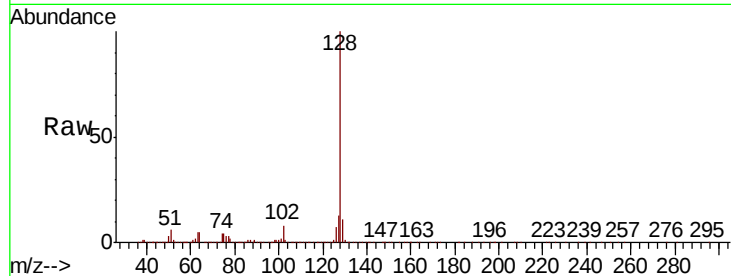
Tgt Ion:128 Resp: 947816

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

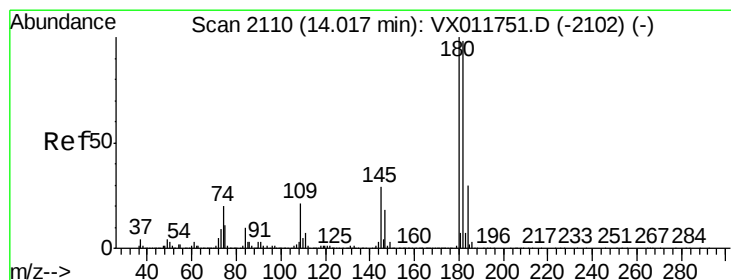
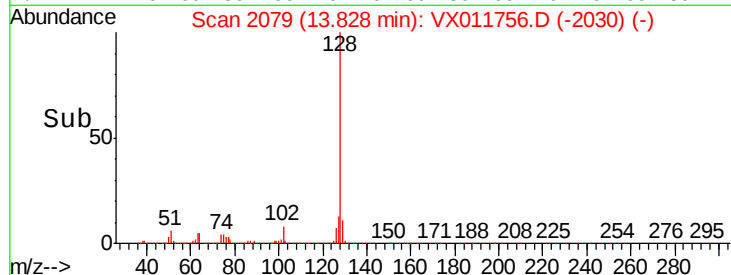
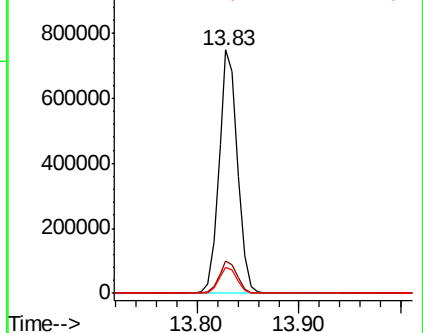
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.429 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011756.D

Acq: 22 Aug 2019 12:39

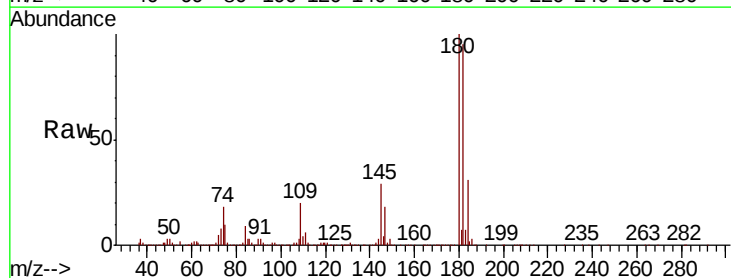
Tgt Ion:180 Resp: 338315

Ion Ratio Lower Upper

180 100

182 96.8 48.5 145.5

145 29.3 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

