

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011751.D
 Acq On : 22 Aug 2019 10:06
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 23 01:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	397923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	543715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	476516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278392	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	196351	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.49	113	176572	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	647325	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
62) 4-Bromofluorobenzene	11.13	95	242026	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	204786	52.870	ug/l	100
3) Chloromethane	1.32	50	166990	42.026	ug/l	100
4) Vinyl Chloride	1.40	62	160343	44.682	ug/l	100
5) Bromomethane	1.63	94	85858	51.585	ug/l	100
6) Chloroethane	1.71	64	104699	58.580	ug/l	100
7) Trichlorofluoromethane	1.92	101	261849	51.225	ug/l	100
8) Diethyl Ether	2.18	74	84858	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	162590	46.718	ug/l	100
10) Methyl Iodide	2.50	142	214878	44.544	ug/l	100
11) Tert butyl alcohol	3.04	59	202144	228.501	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153257	45.720	ug/l	100
13) Acrolein	2.29	56	68105	225.381	ug/l	100
14) Allyl chloride	2.72	41	260297	46.796	ug/l	100
15) Acrylonitrile	3.14	53	474041	232.955	ug/l	100
16) Acetone	2.43	43	443050	240.012	ug/l	100
17) Carbon Disulfide	2.56	76	405379	50.528	ug/l	100
18) Methyl Acetate	2.76	43	254417	45.313	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	515621	47.320	ug/l	100
20) Methylene Chloride	2.85	84	177748	45.941	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	173131	48.401	ug/l	100
22) Diisopropyl ether	3.85	45	488208	44.553	ug/l	100
23) Vinyl Acetate	3.81	43	2079918	237.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	286669	45.766	ug/l	100
25) 2-Butanone	4.66	43	633577	223.178	ug/l	100
26) 2,2-Dichloropropane	4.57	77	240340	50.212	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	192105	46.417	ug/l	100
28) Bromochloromethane	5.00	49	132042	47.790	ug/l	100
29) Tetrahydrofuran	5.12	42	422855	226.719	ug/l	100
30) Chloroform	5.20	83	303707	45.907	ug/l	100
31) Cyclohexane	5.57	56	259917	48.144	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	279313	48.870	ug/l	100
36) 1,1-Dichloropropene	5.79	75	213441	46.657	ug/l	100
37) Ethyl Acetate	4.82	43	240003	45.869	ug/l	100
38) Carbon Tetrachloride	5.78	117	241811	47.825	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279237	48.966	ug/l	100
40) Benzene	6.13	78	648257	45.682	ug/l	100
41) Methacrylonitrile	5.03	41	129903	45.371	ug/l	100
42) 1,2-Dichloroethane	6.18	62	242926	48.966	ug/l	100
43) Isopropyl Acetate	6.44	43	377416	46.096	ug/l	100
44) Trichloroethene	7.21	130	203129	47.810	ug/l	100
45) 1,2-Dichloropropane	7.51	63	167533	47.314	ug/l	100
46) Dibromomethane	7.66	93	121278	46.733	ug/l	100
47) Bromodichloromethane	7.90	83	229977	48.428	ug/l	100
48) Methyl methacrylate	7.76	41	192413	47.501	ug/l	100
49) 1,4-Dioxane	7.73	88	99836	923.827	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1237826	232.026	ug/l	100
52) Toluene	8.78	92	434551	47.744	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	249064	50.563	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	269234	50.055	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	178616	46.277	ug/l	100
56) Ethyl methacrylate	9.18	69	277269	49.485	ug/l	100
57) 1,3-Dichloropropane	9.37	76	274823	45.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	723874	256.520	ug/l	100
59) 2-Hexanone	9.49	43	977922	237.366	ug/l	100
60) Dibromochloromethane	9.58	129	203959	50.834	ug/l	100
61) 1,2-Dibromoethane	9.67	107	197710	47.920	ug/l	100
64) Tetrachloroethene	9.34	164	203838	51.755	ug/l	100
65) Chlorobenzene	10.13	112	463670	46.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	182750	48.712	ug/l	100
67) Ethyl Benzene	10.25	91	827927	49.128	ug/l	100
68) m/p-Xylenes	10.35	106	651865	100.702	ug/l	100
69) o-Xylene	10.69	106	314234	49.518	ug/l	100
70) Styrene	10.71	104	531067	49.973	ug/l	100
71) Bromoform	10.85	173	162528	51.045	ug/l	100
73) Isopropylbenzene	11.02	105	852527	47.746	ug/l	100
74) N-amyl acetate	10.90	43	331356	44.239	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	268623	44.219	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	317461	61.187	ug/l	84
77) Bromobenzene	11.25	156	242055	45.820	ug/l	100
78) n-propylbenzene	11.36	91	941840	48.928	ug/l	100
79) 2-Chlorotoluene	11.42	91	567458	48.064	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	730563	48.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	86447	49.444	ug/l	100
82) 4-Chlorotoluene	11.51	91	657435	47.949	ug/l	100
83) tert-Butylbenzene	11.77	119	725421	47.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	736217	48.954	ug/l	100
85) sec-Butylbenzene	11.94	105	800151	46.769	ug/l	100
86) p-Isopropyltoluene	12.06	119	796099	49.196	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	430737	47.224	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	429869	46.522	ug/l	100
89) n-Butylbenzene	12.38	91	659850	49.530	ug/l	100
90) Hexachloroethane	12.59	117	124586	48.701	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	427902	46.783	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64998	46.361	ug/l	100

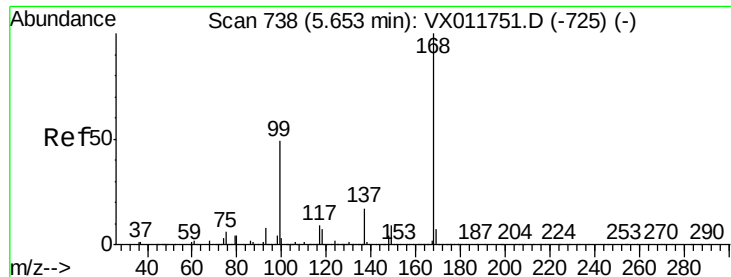
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	328333	48.176	ug/l	100
94) Hexachlorobutadiene	13.78	225	162699	44.376	ug/l	100
95) Naphthalene	13.83	128	911040	47.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327284	47.719	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

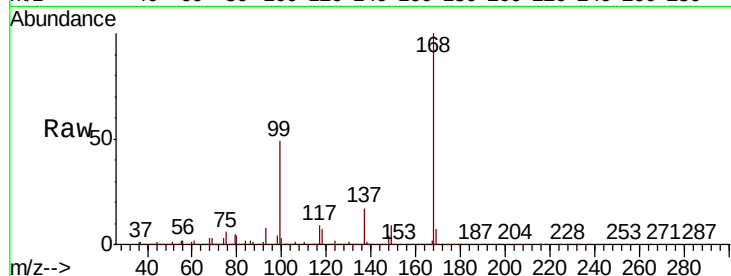
VSTDICCC050

Tgt Ion:168 Resp: 397923

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

100000

50000

0

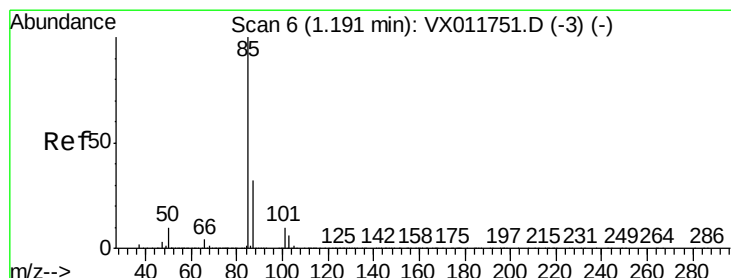
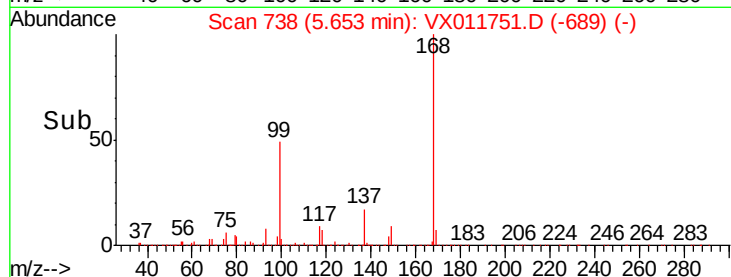
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.870 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011751.D

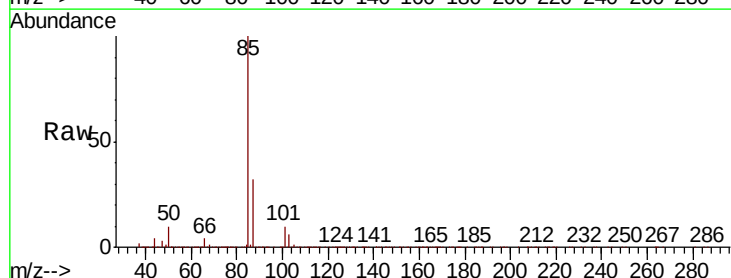
Acq: 22 Aug 2019 10:06

Tgt Ion: 85 Resp: 204786

Ion Ratio Lower Upper

85 100

87 32.1 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

100000

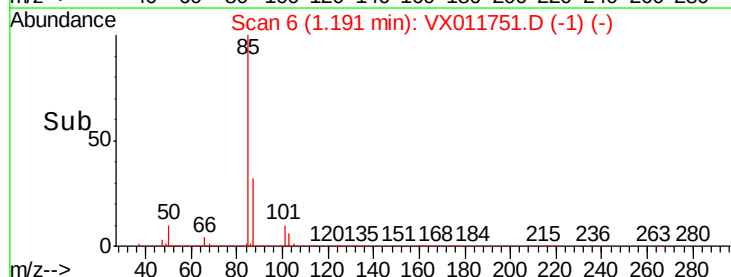
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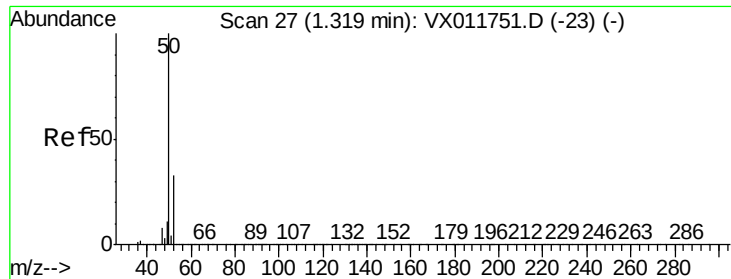
0

1.20

1.30

Time-->





#3

Chloromethane

Concen: 42.026 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

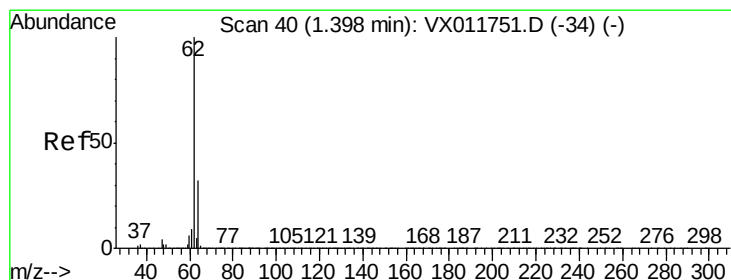
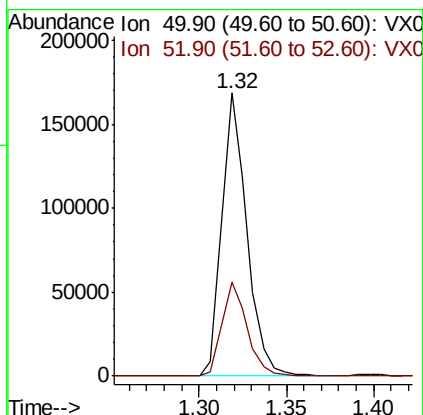
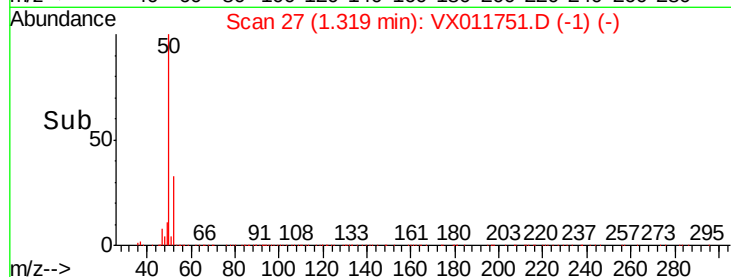
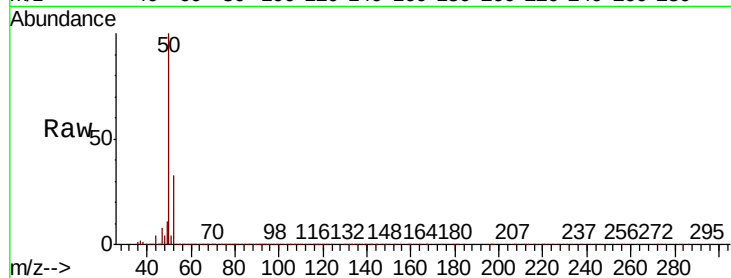
VSTDICCC050

Tgt Ion: 50 Resp: 166990

Ion Ratio Lower Upper

50 100

52 33.2 26.6 39.8



#4

Vinyl Chloride

Concen: 44.682 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011751.D

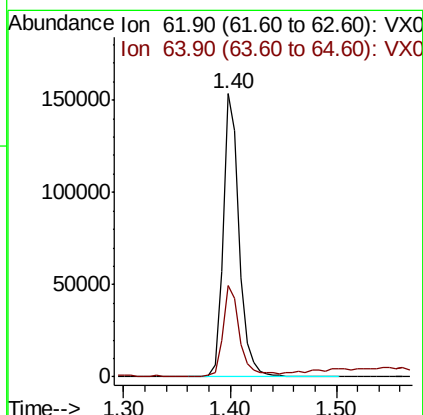
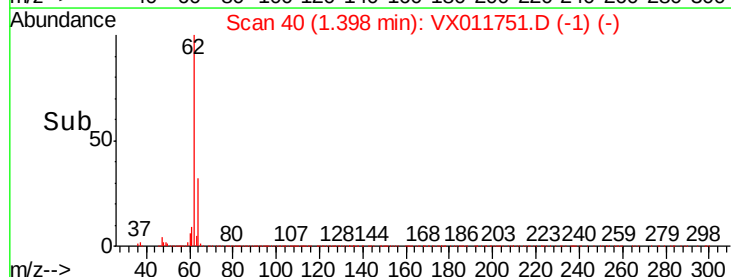
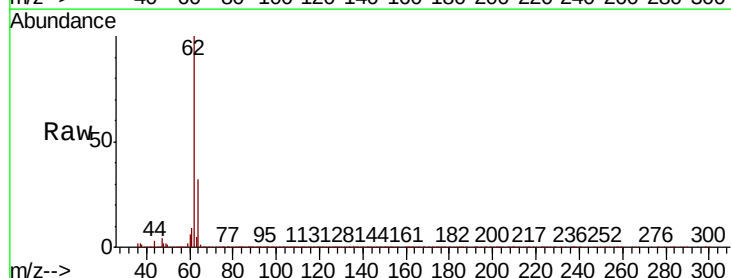
Acq: 22 Aug 2019 10:06

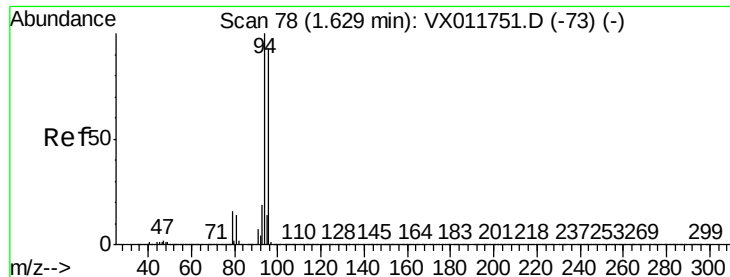
Tgt Ion: 62 Resp: 160343

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 51.585 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

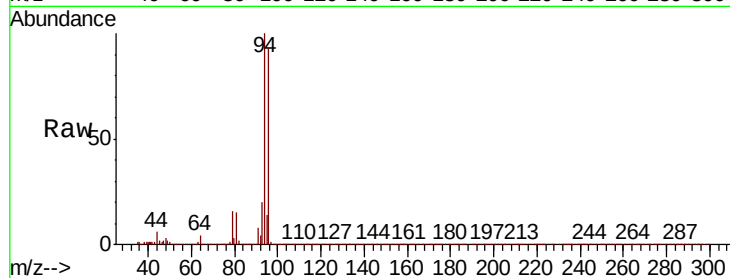
VSTDICCC050

Tgt Ion: 94 Resp: 85858

Ion Ratio Lower Upper

94 100

96 92.6 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

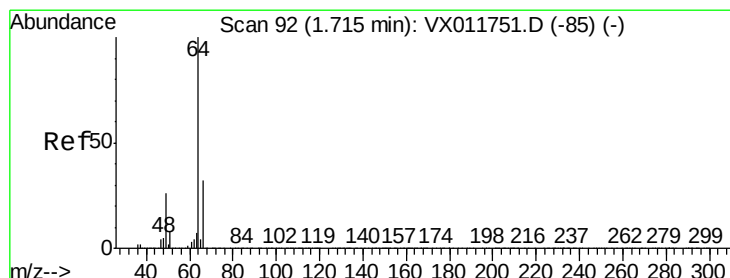
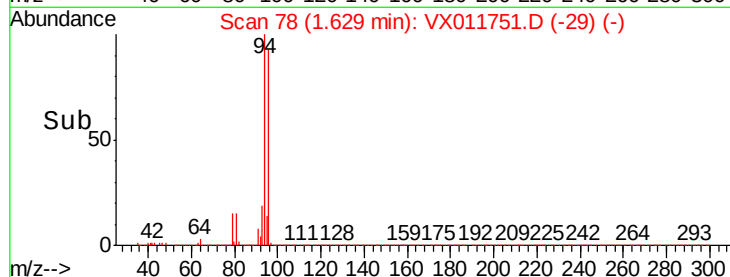
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 58.580 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011751.D

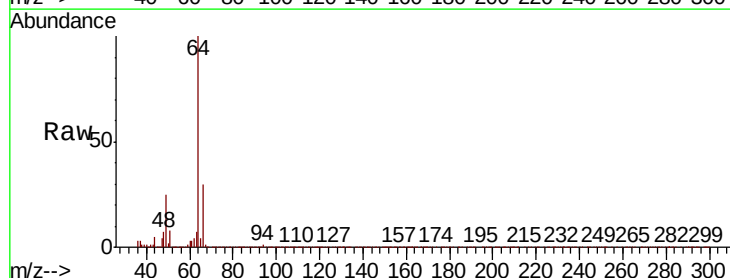
Acq: 22 Aug 2019 10:06

Tgt Ion: 64 Resp: 104699

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

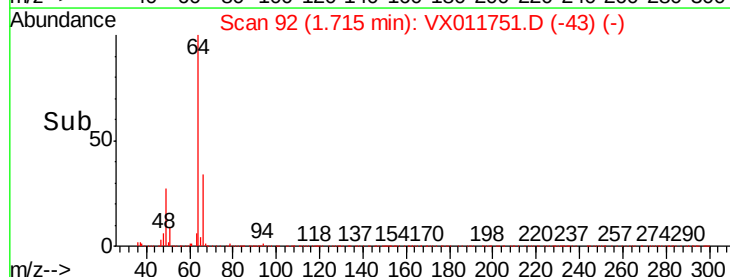
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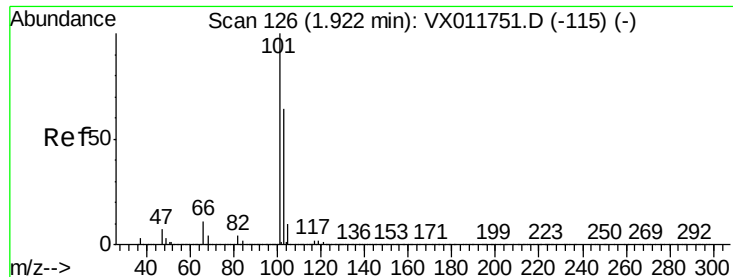
40000

20000

0

Time-->





#7

Trichlorofluoromethane

Concen: 51.225 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

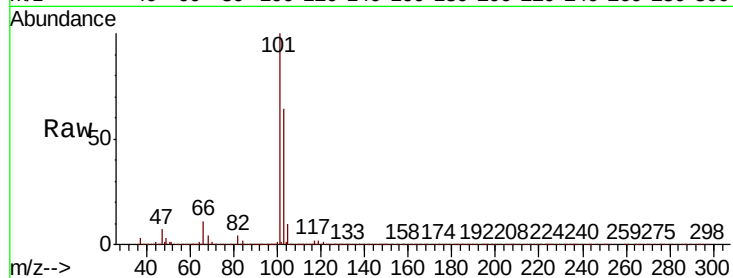
VSTDICCC050

Tgt Ion:101 Resp: 261849

Ion Ratio Lower Upper

101 100

103 64.0 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

200000

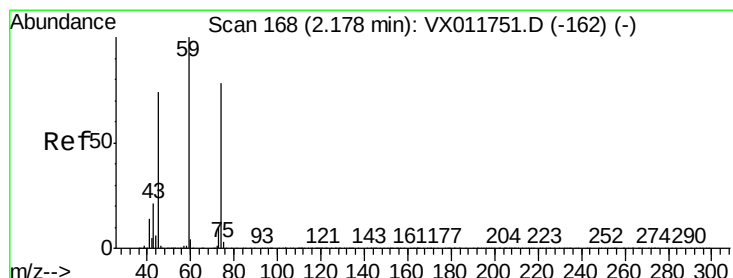
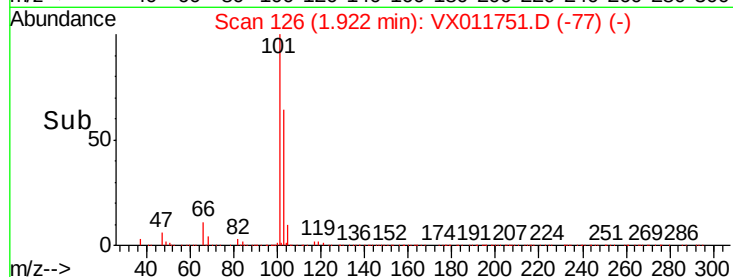
150000

100000

50000

0

Time--> 1.80 1.90 2.00



#8

Diethyl Ether

Concen: 48.831 ug/l

RT: 2.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VX011751.D

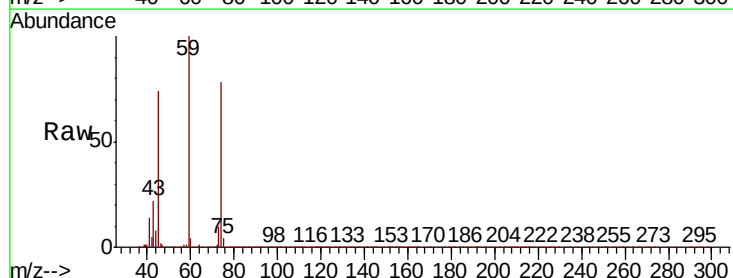
Acq: 22 Aug 2019 10:06

Tgt Ion: 74 Resp: 84858

Ion Ratio Lower Upper

74 100

45 93.3 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

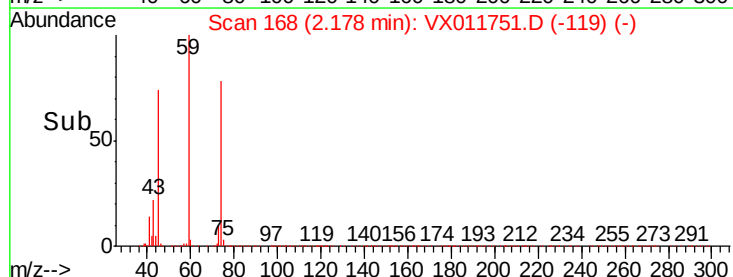
60000

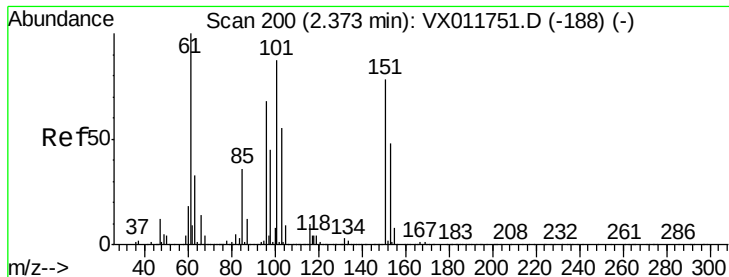
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.718 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

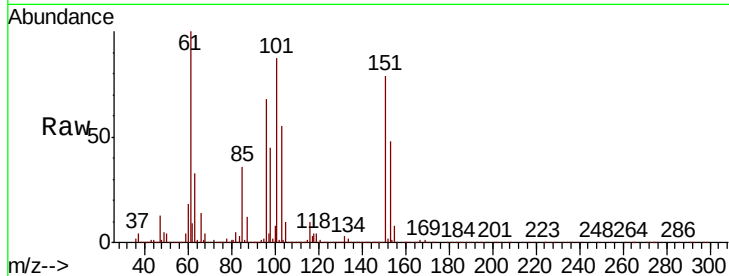
Tgt Ion:101 Resp: 162590

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

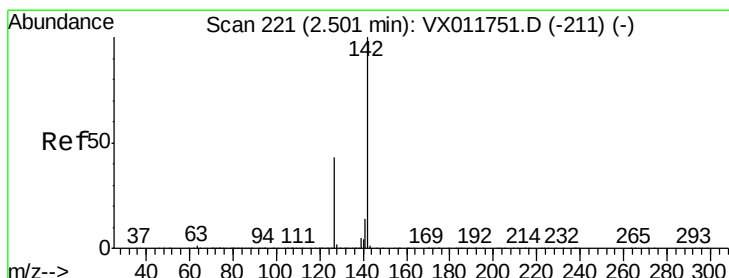
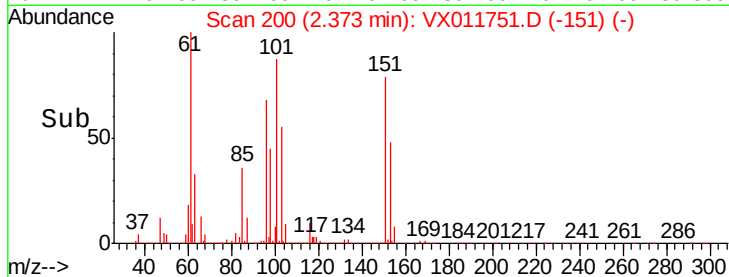
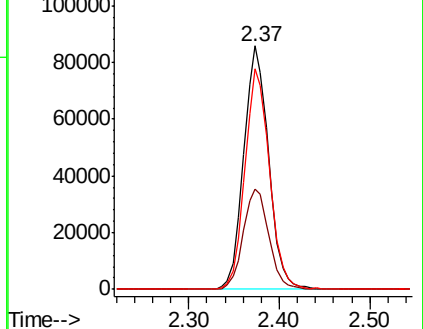
151 89.3 71.4 107.2



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: 44.544 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

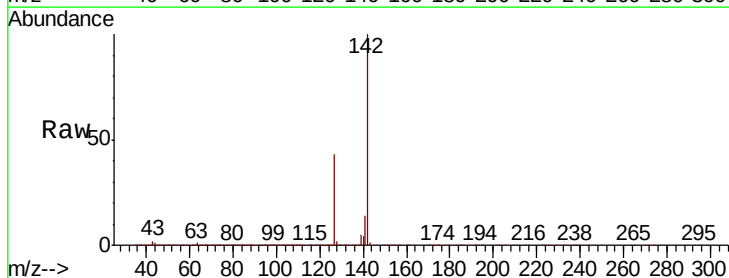
Tgt Ion:142 Resp: 214878

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

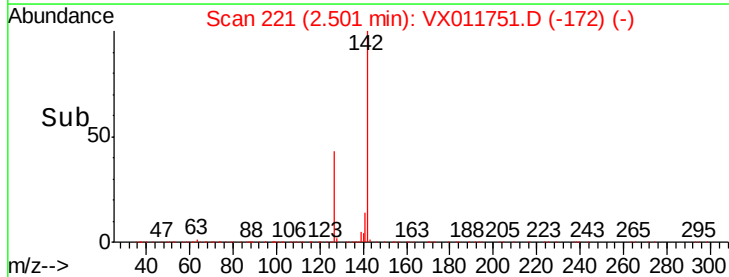
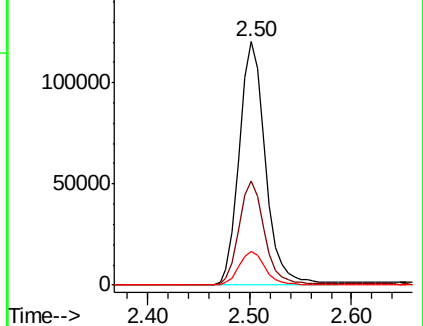
141 14.3 11.4 17.2

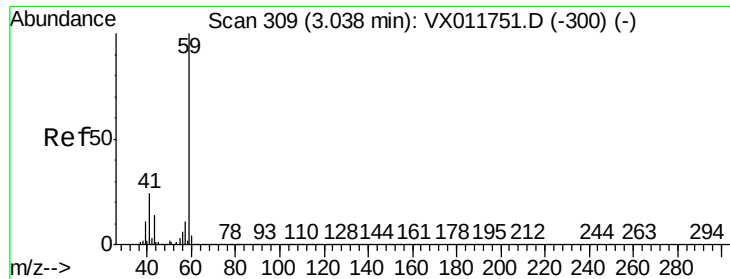


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

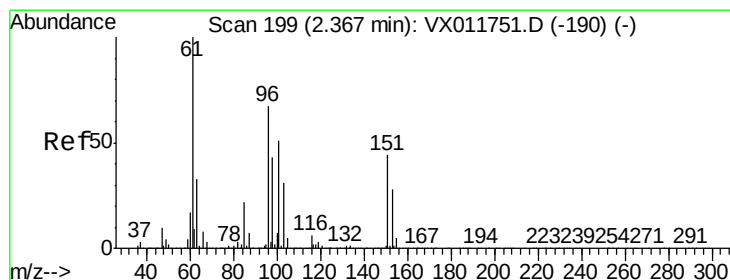
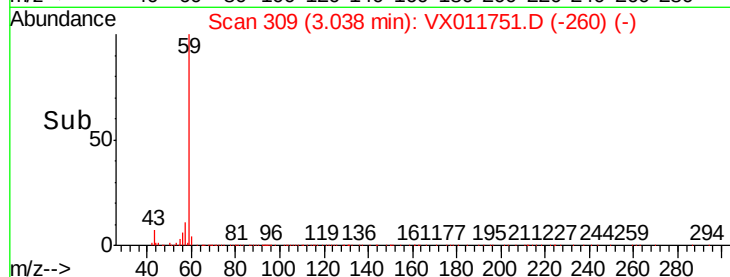
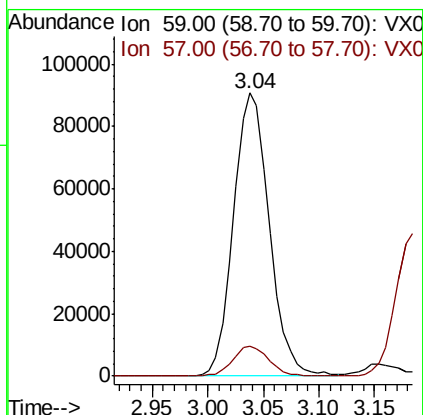
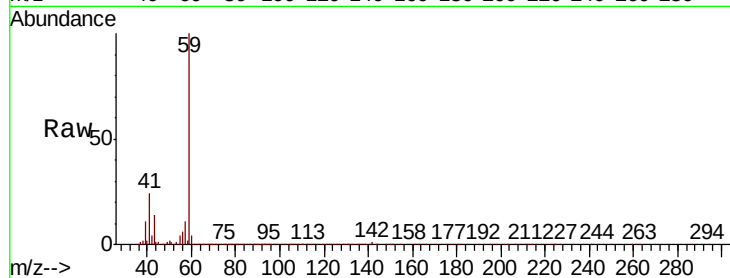




#11
Tert butyl alcohol
Concen: 228.501 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

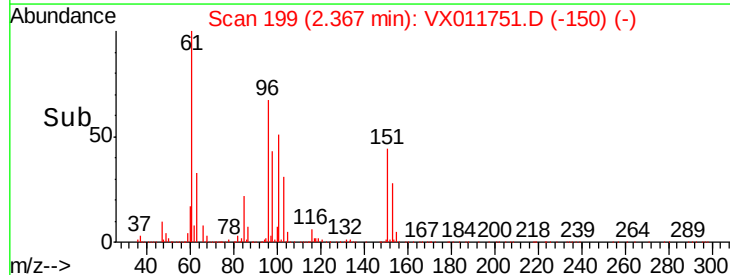
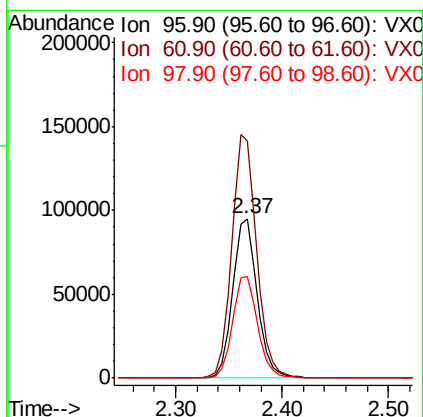
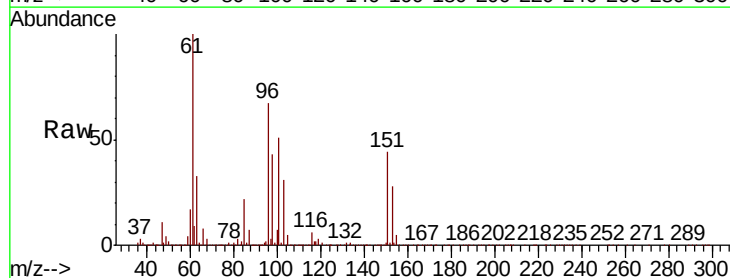
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

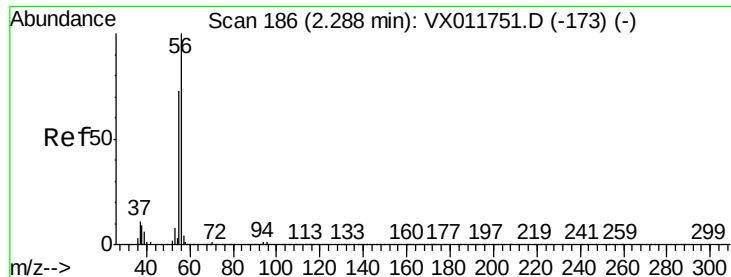
Tgt Ion: 59 Resp: 202144
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 45.720 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 96 Resp: 153257
Ion Ratio Lower Upper
96 100
61 149.3 119.4 179.2
98 64.0 51.2 76.8





#13

Acrolein

Concen: 225.381 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

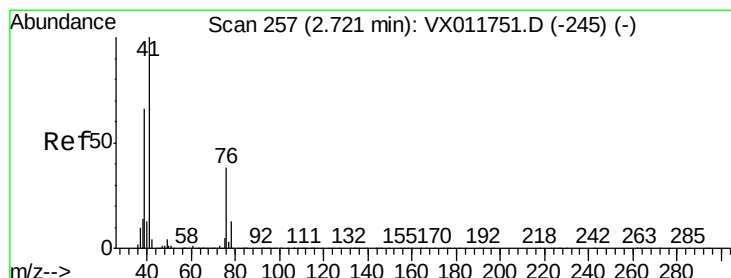
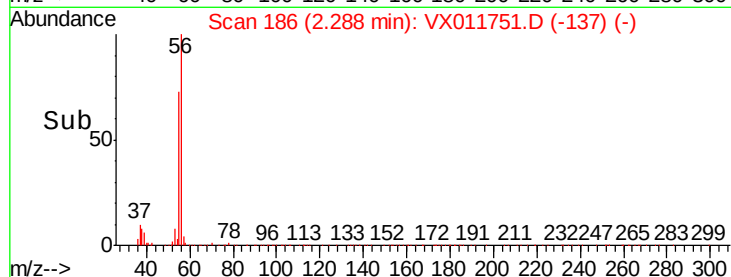
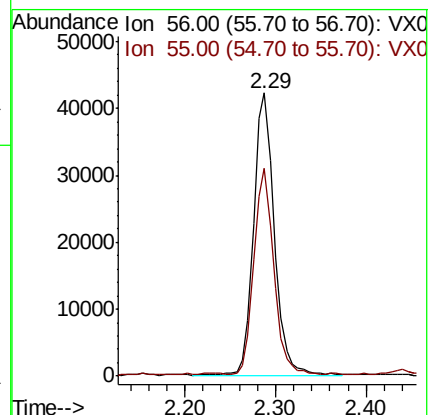
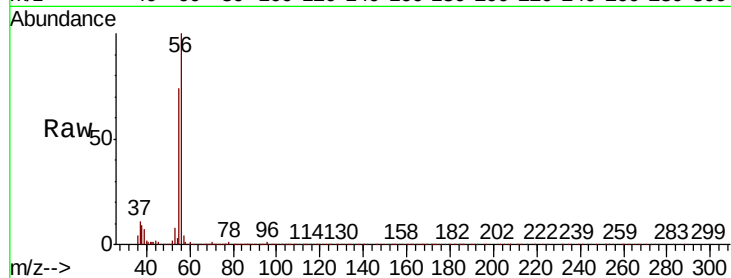
VSTDICCC050

Tgt Ion: 56 Resp: 68105

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2



#14

Allyl chloride

Concen: 46.796 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

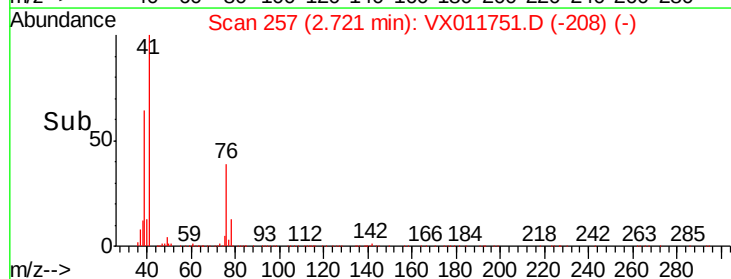
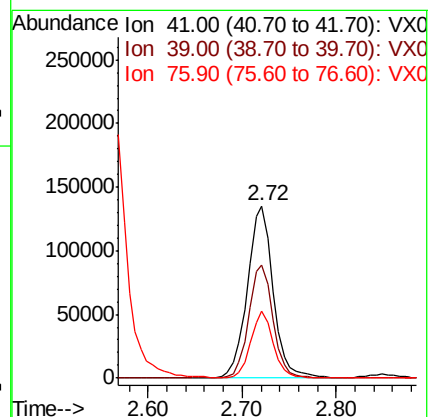
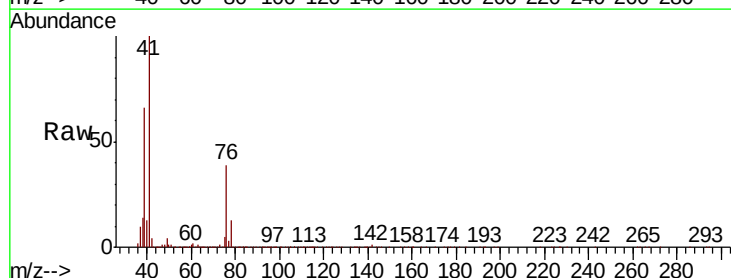
Tgt Ion: 41 Resp: 260297

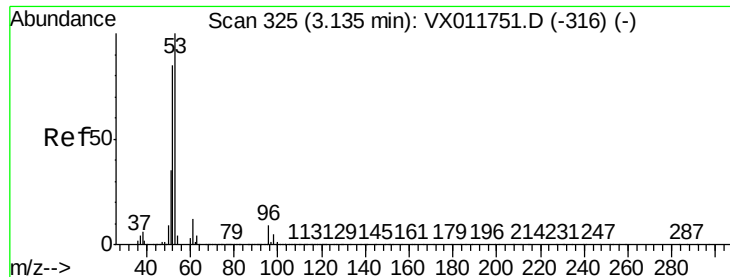
Ion Ratio Lower Upper

41 100

39 61.6 49.3 73.9

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 232.955 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

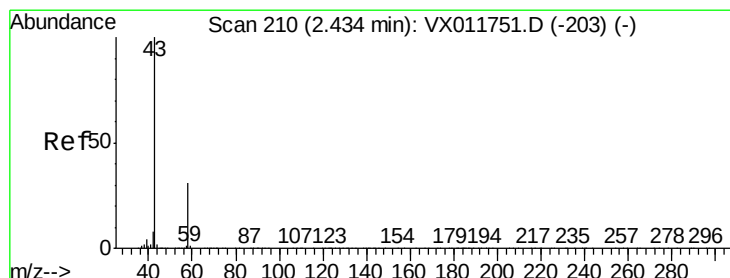
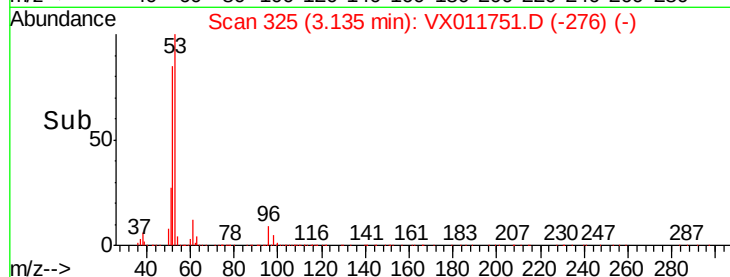
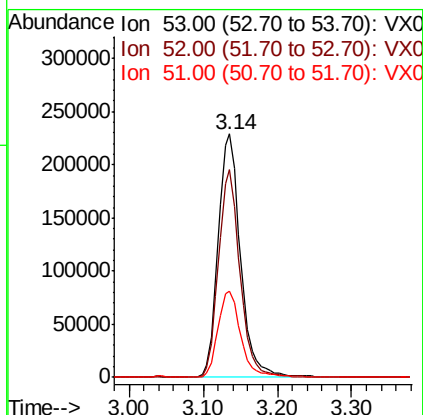
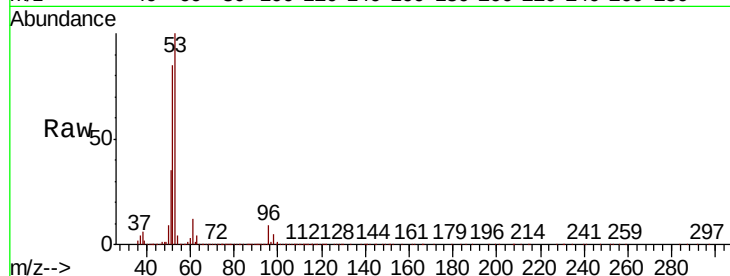
Tgt Ion: 53 Resp: 474041

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 35.8 28.6 43.0



#16

Acetone

Concen: 240.012 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011751.D

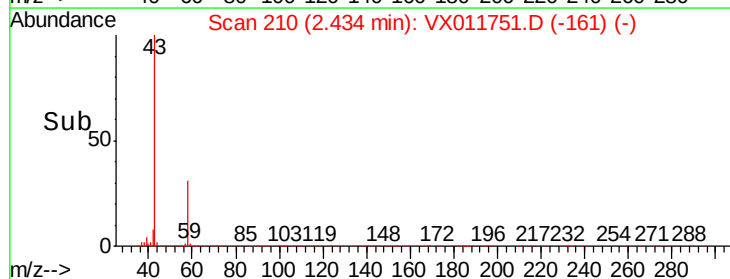
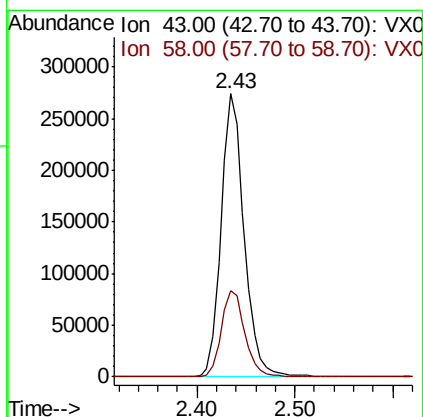
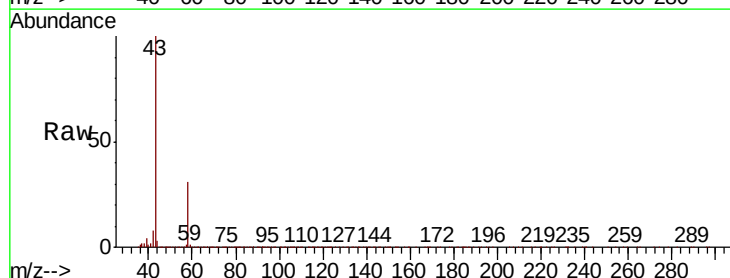
Acq: 22 Aug 2019 10:06

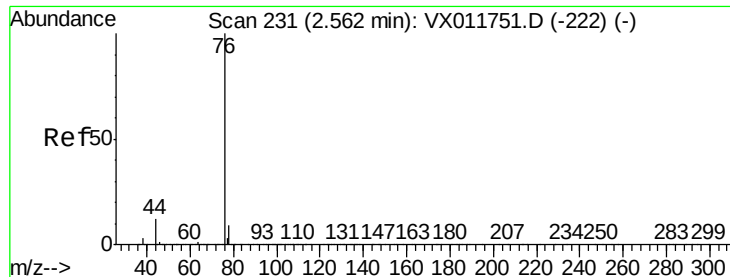
Tgt Ion: 43 Resp: 443050

Ion Ratio Lower Upper

43 100

58 30.5 24.4 36.6





#17

Carbon Disulfide

Concen: 50.528 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

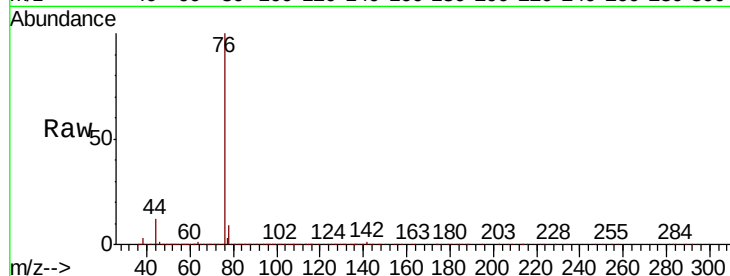
VSTDICCC050

Tgt Ion: 76 Resp: 405379

Ion Ratio Lower Upper

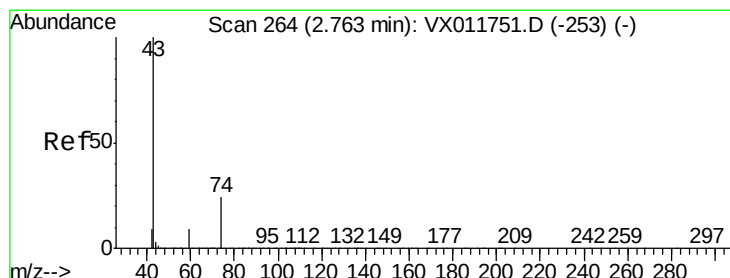
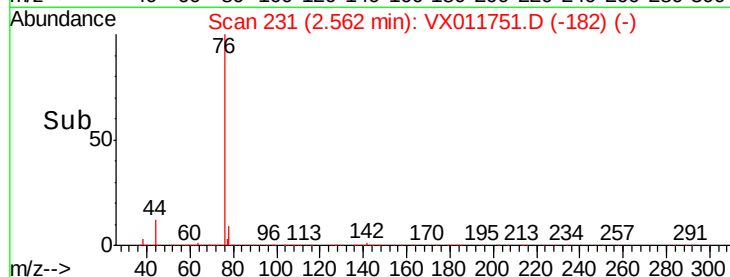
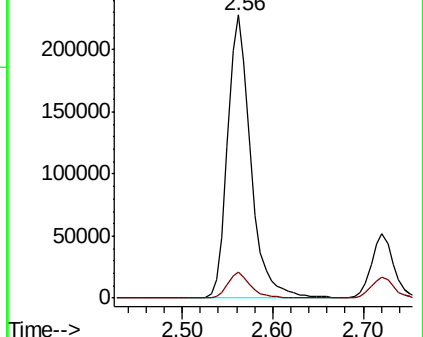
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.313 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011751.D

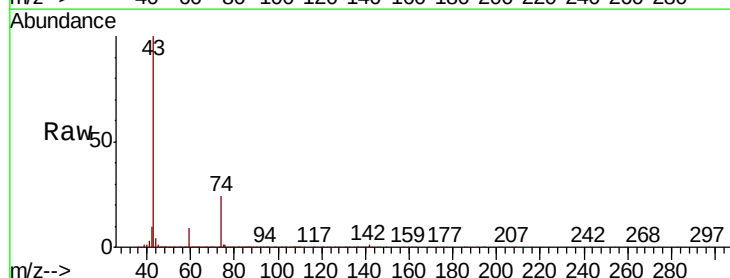
Acq: 22 Aug 2019 10:06

Tgt Ion: 43 Resp: 254417

Ion Ratio Lower Upper

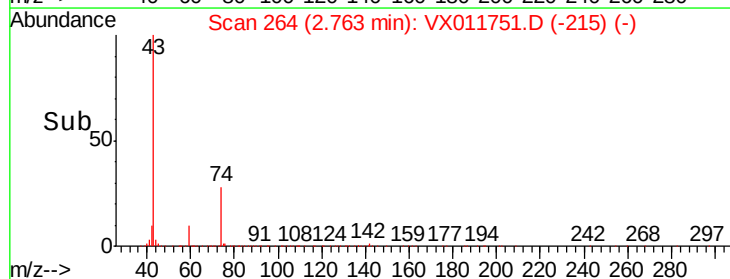
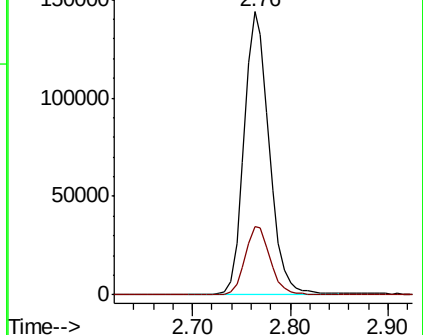
43 100

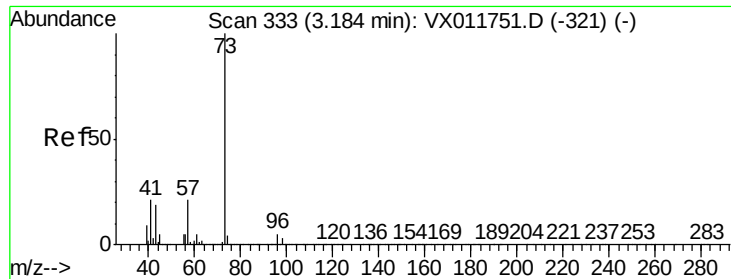
74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

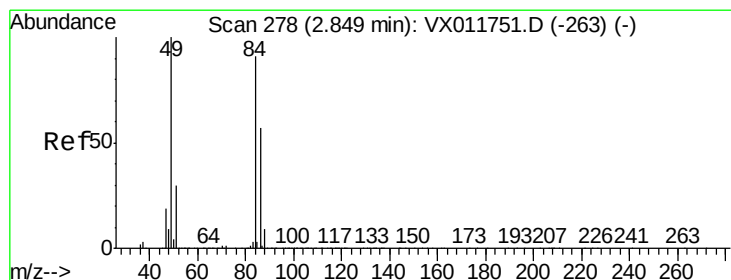
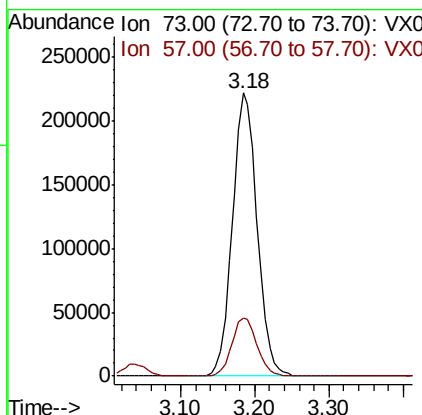
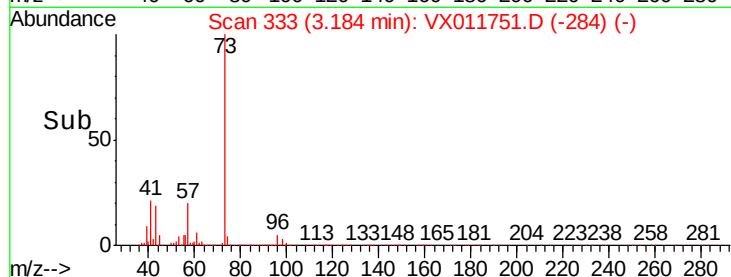
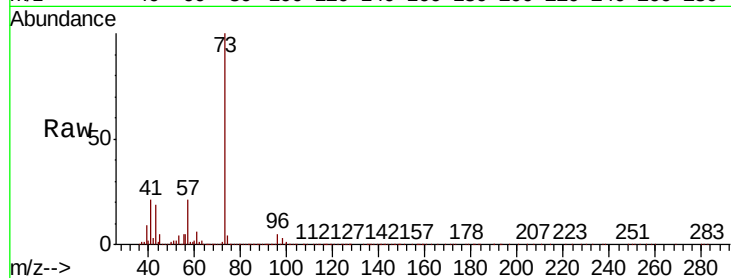




#19
Methyl tert-butyl Ether
Concen: 47.320 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

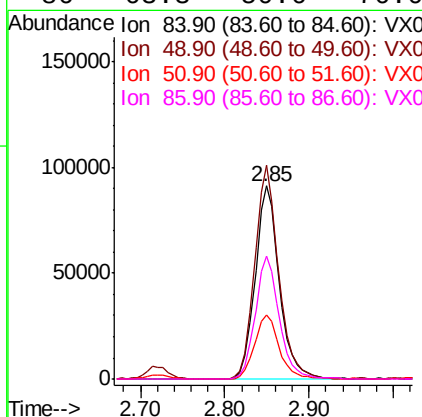
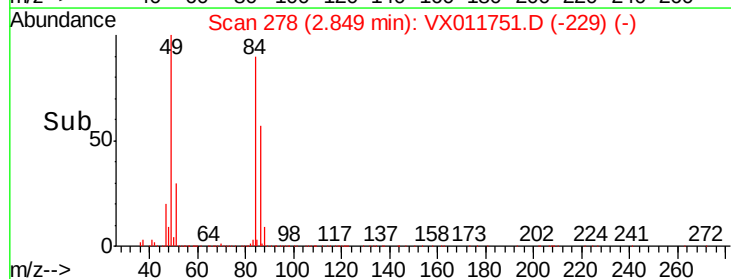
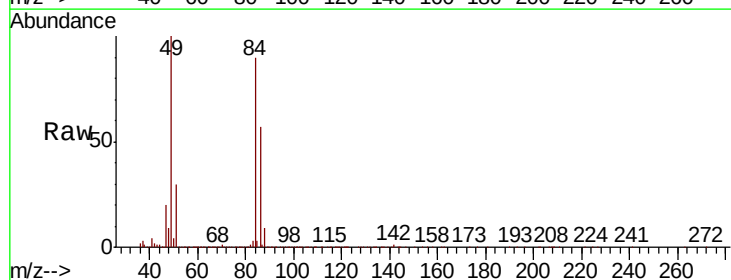
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

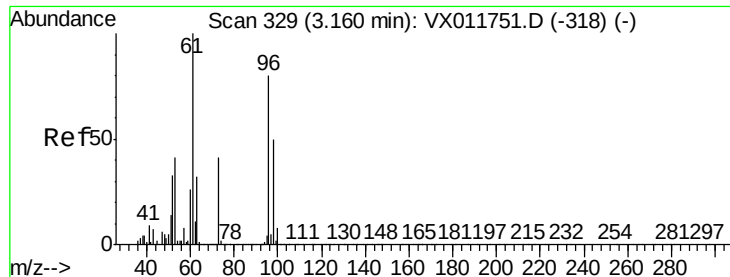
Tgt Ion: 73 Resp: 515621
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 45.941 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 84 Resp: 177748
Ion Ratio Lower Upper
84 100
49 110.4 88.3 132.5
51 32.7 26.2 39.2
86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.401 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

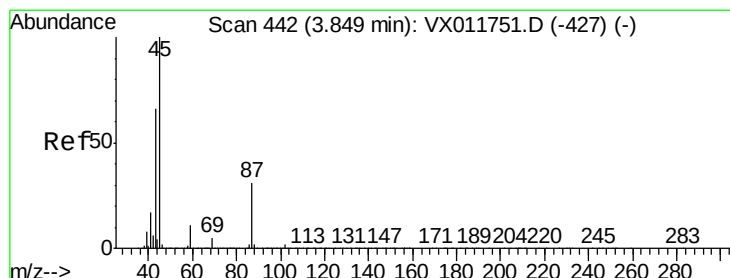
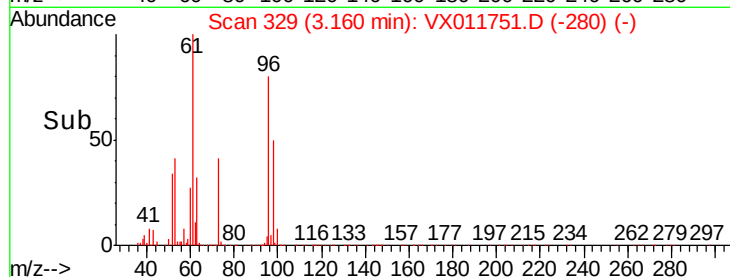
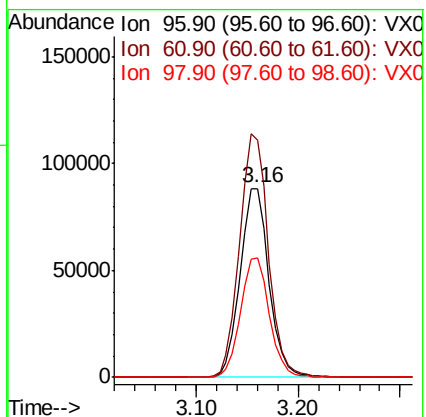
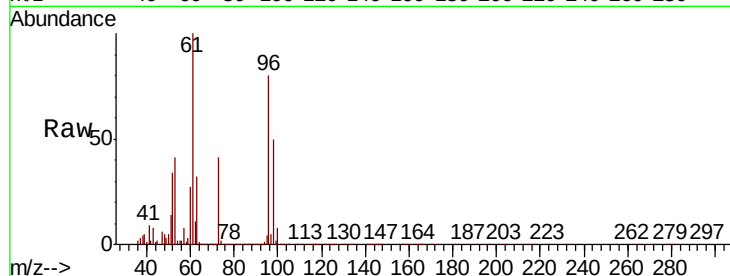
Tgt Ion: 96 Resp: 173131

Ion Ratio Lower Upper

96 100

61 124.8 99.8 149.8

98 62.9 50.3 75.5



#22

Diisopropyl ether

Concen: 44.553 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Tgt Ion: 45 Resp: 488208

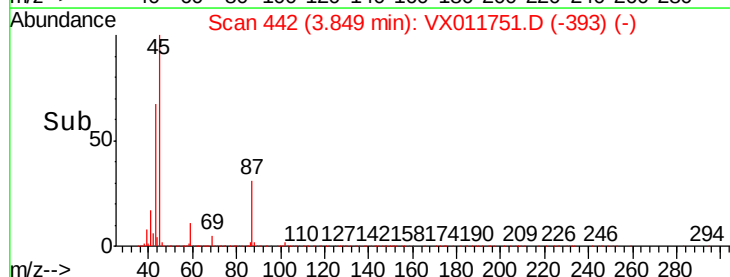
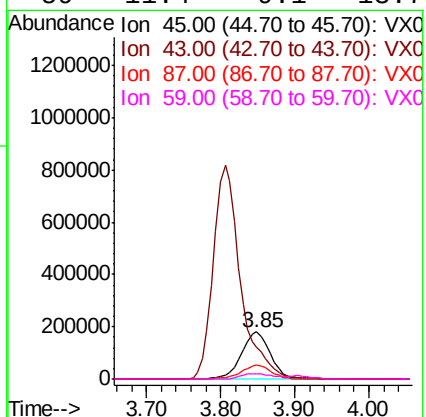
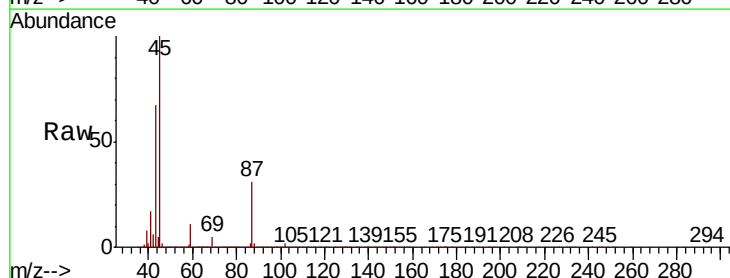
Ion Ratio Lower Upper

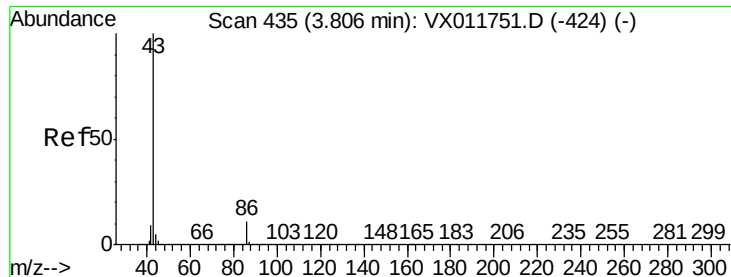
45 100

43 66.3 53.0 79.6

87 30.9 24.7 37.1

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 237.874 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

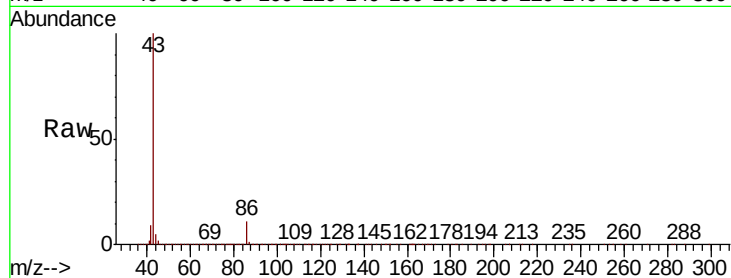
VSTDICCC050

Tgt Ion: 43 Resp: 2079918

Ion Ratio Lower Upper

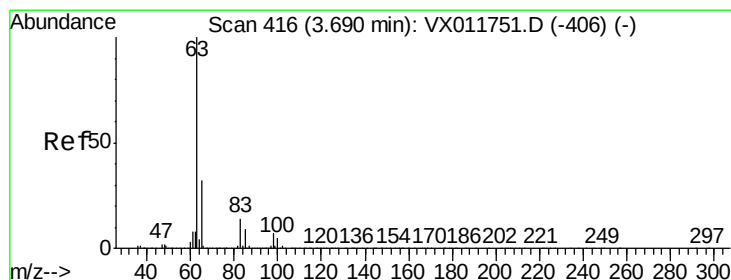
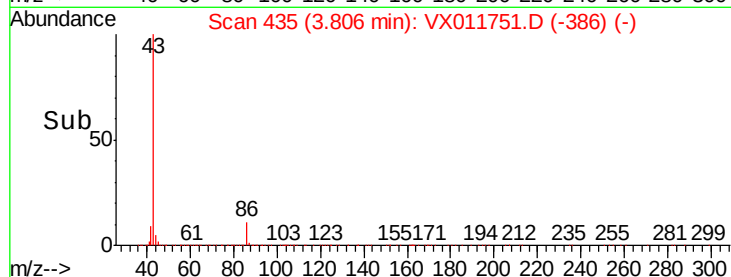
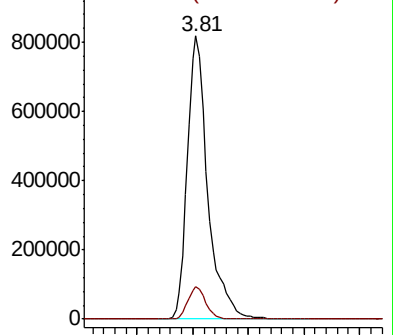
43 100

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



#24

1,1-Dichloroethane

Concen: 45.766 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

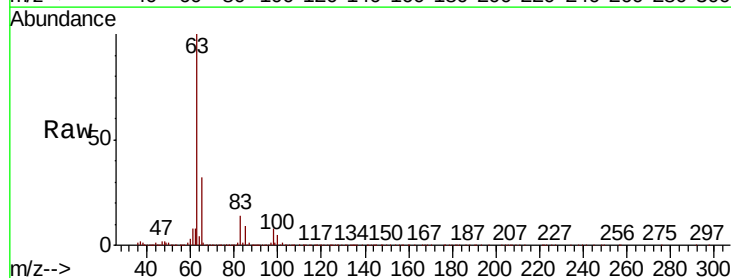
Tgt Ion: 63 Resp: 286669

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

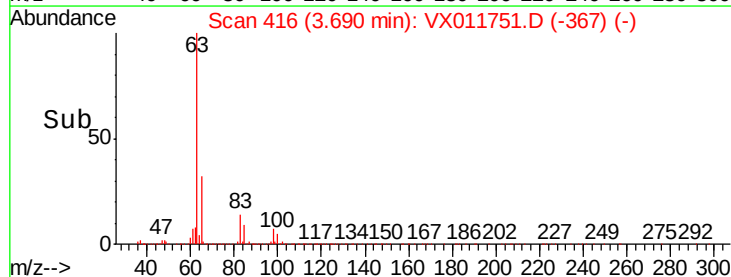
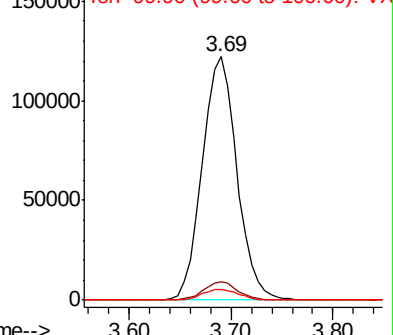
100 4.6 2.3 6.9

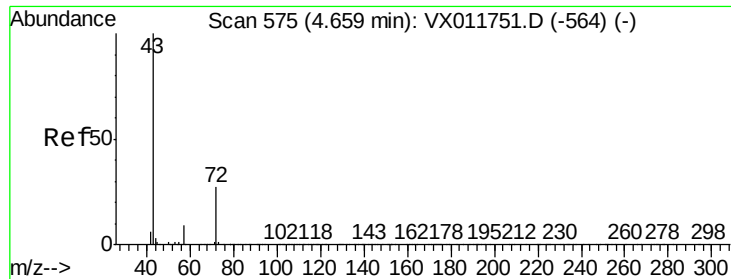


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.178 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

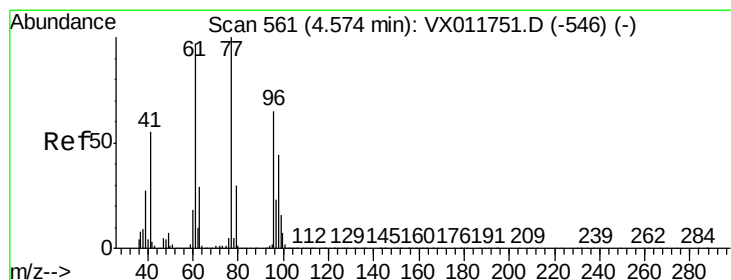
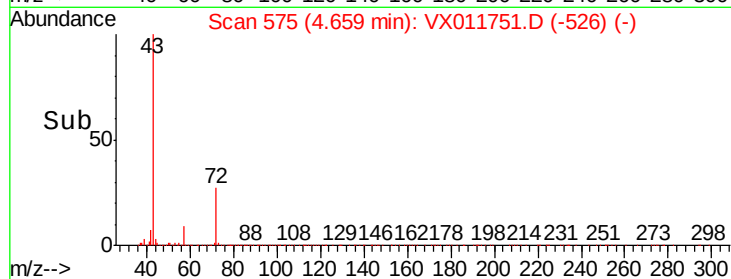
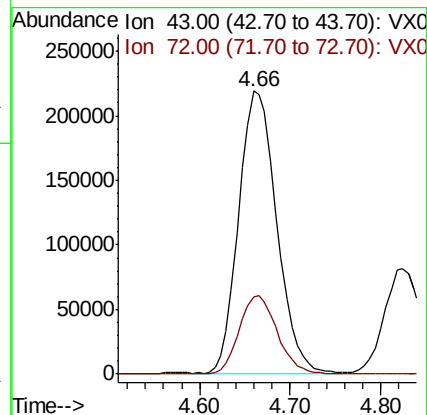
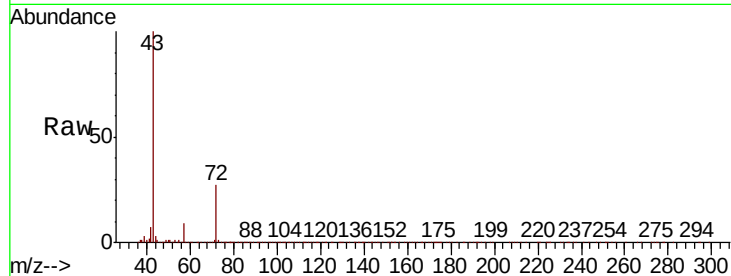
VSTDICCC050

Tgt Ion: 43 Resp: 633577

Ion Ratio Lower Upper

43 100

72 27.2 21.8 32.6



#26

2,2-Dichloropropane

Concen: 50.212 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011751.D

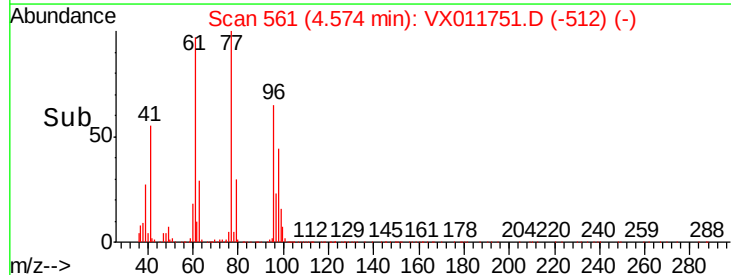
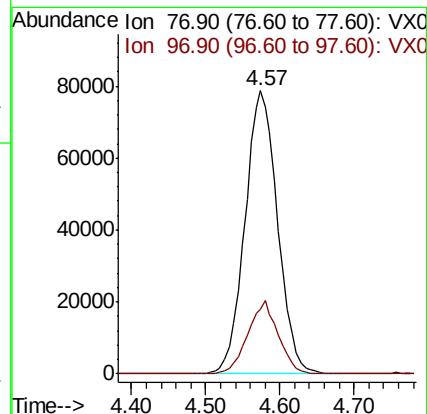
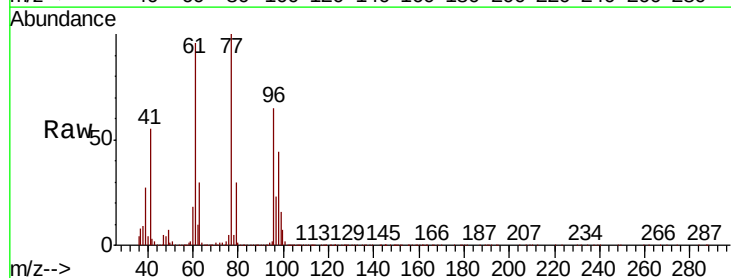
Acq: 22 Aug 2019 10:06

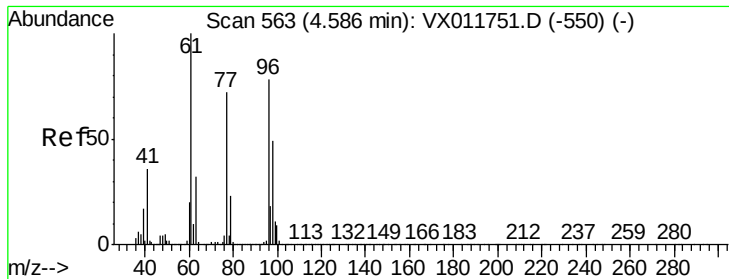
Tgt Ion: 77 Resp: 240340

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6



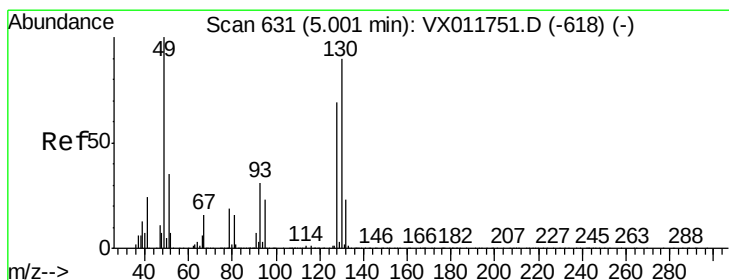
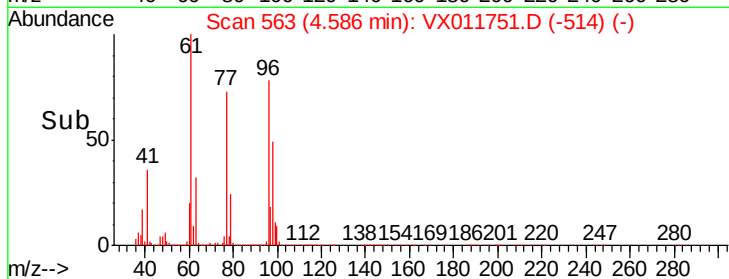
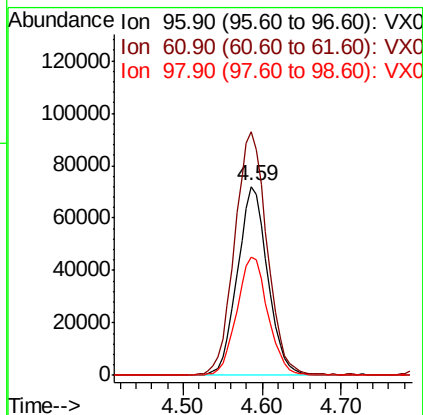
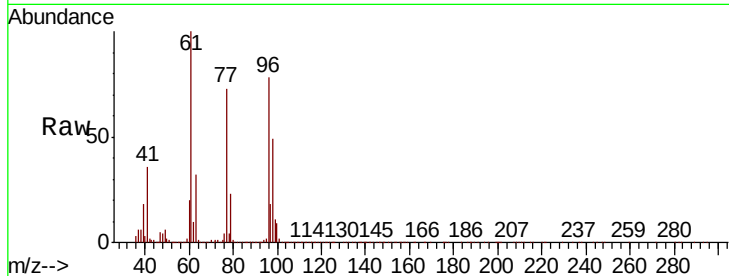


#27

cis-1,2-Dichloroethene
 Concen: 46.417 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

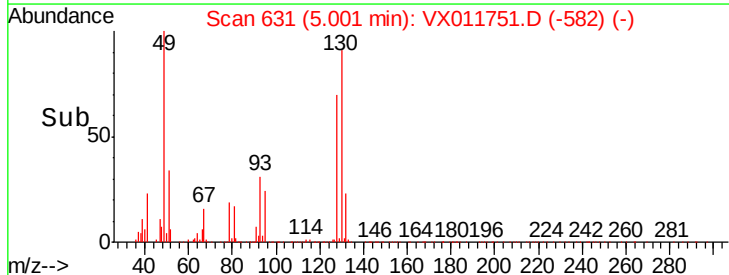
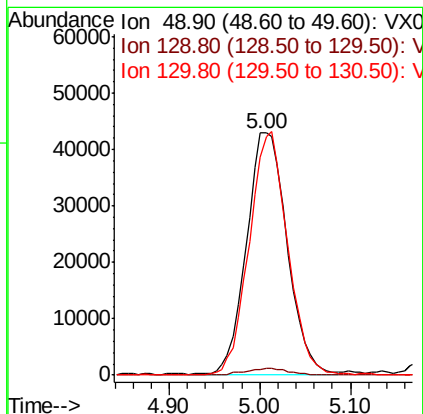
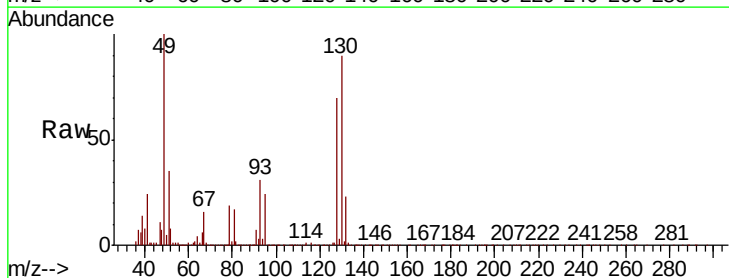
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	275.8
98	64.1	0.0	128.2

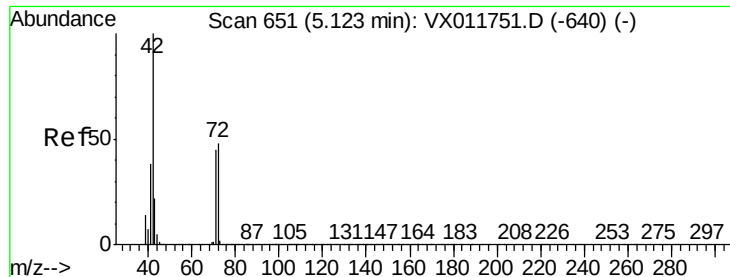


#28

Bromochloromethane
 Concen: 47.790 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.8
130	96.0	76.8	115.2

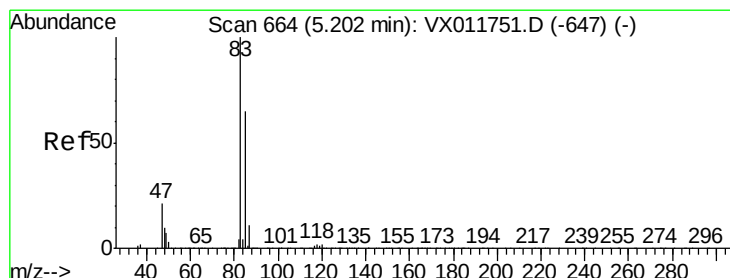
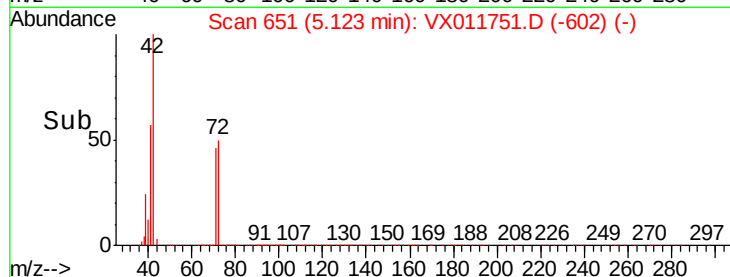
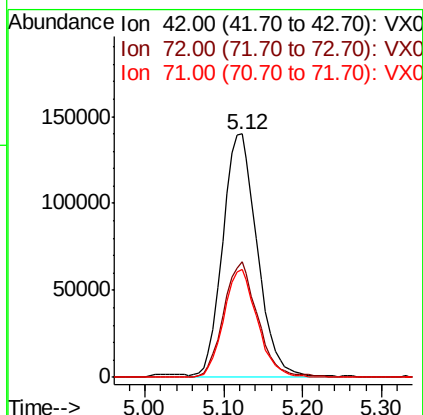
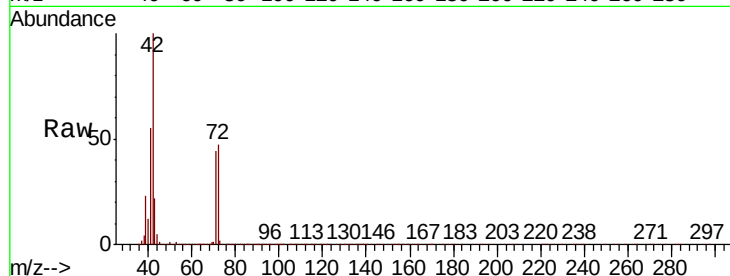




#29
Tetrahydrofuran
Concen: 226.719 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

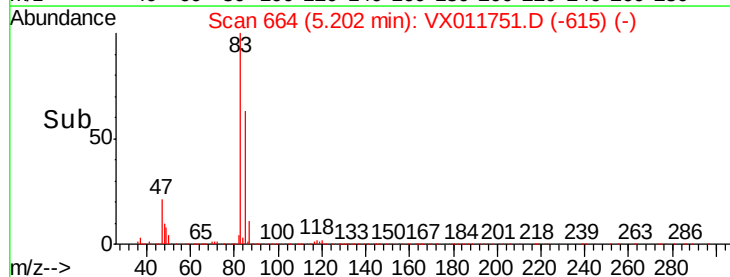
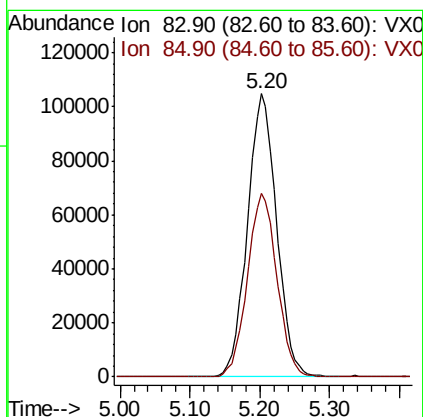
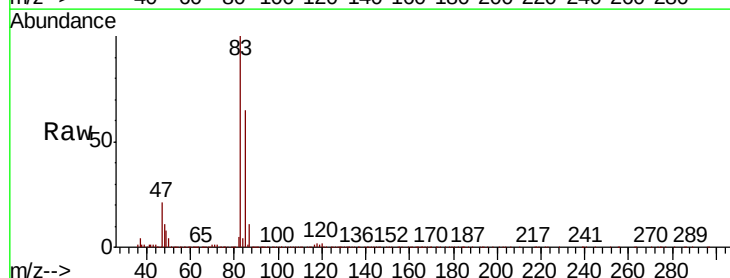
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

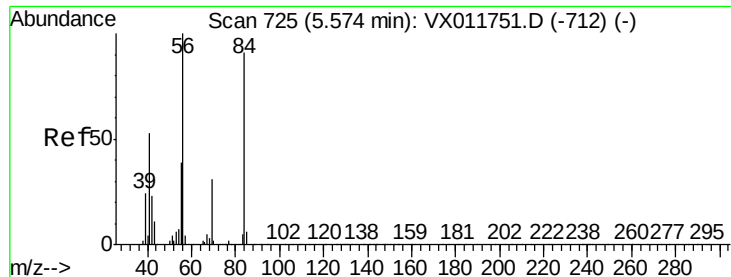
Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	43.2	34.6	51.8



#30
Chloroform
Concen: 45.907 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8

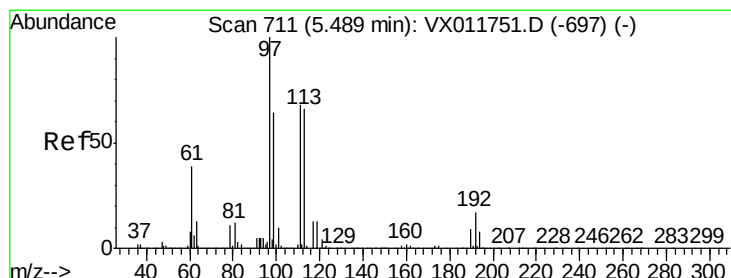
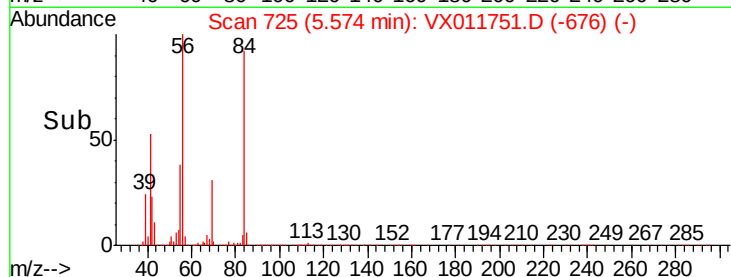
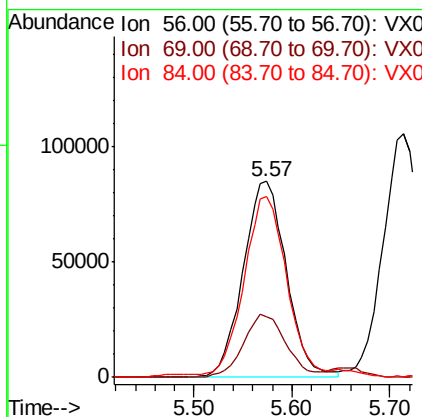
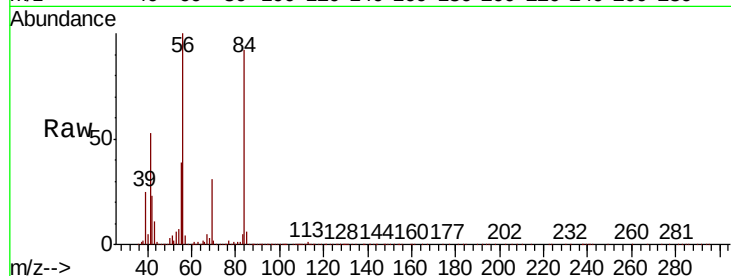




#31
Cyclohexane
Concen: 48.144 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

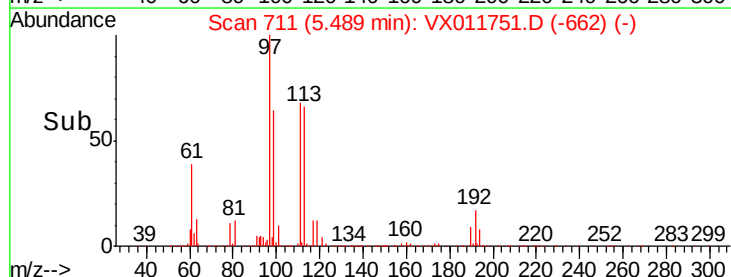
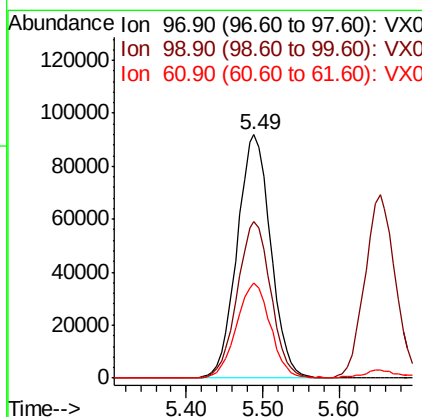
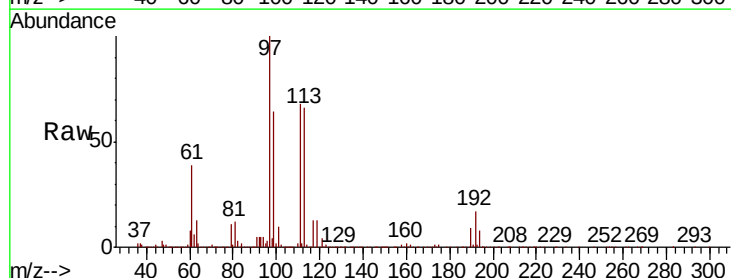
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

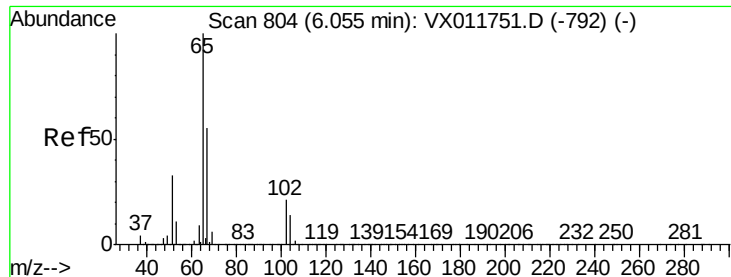
Tgt Ion: 56 Resp: 259917
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 90.9 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 48.870 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 97 Resp: 279313
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 39.5 31.6 47.4

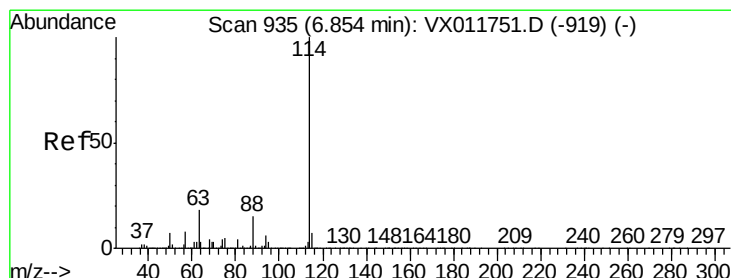
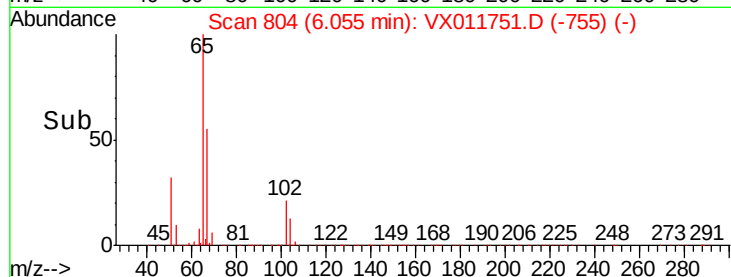
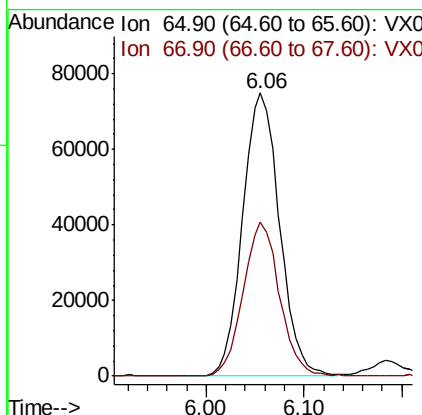
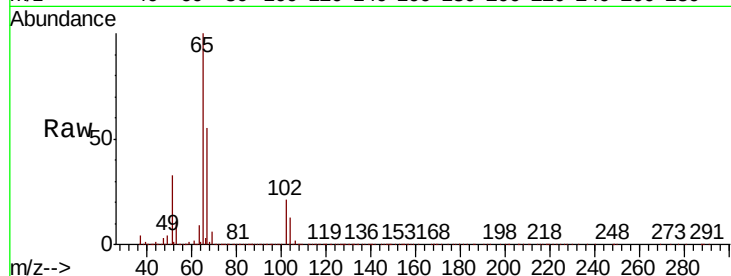




#33
 1,2-Dichloroethane-d4
 Concen: 51.757 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

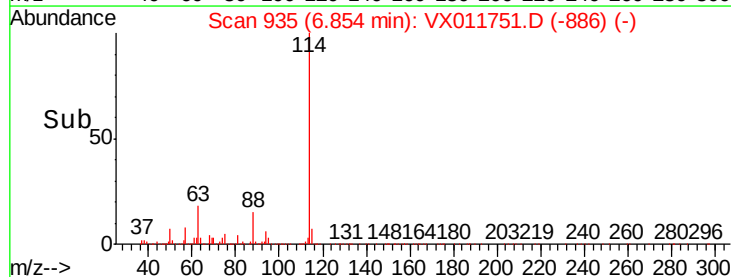
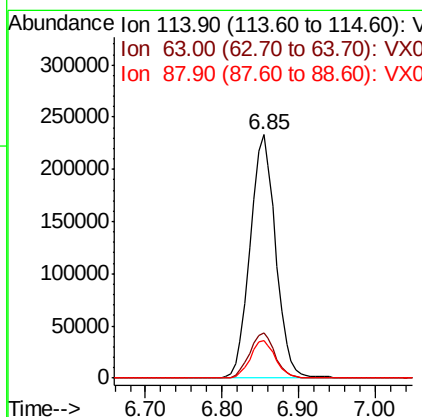
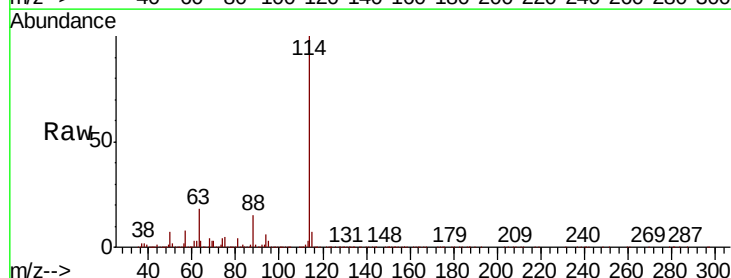
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

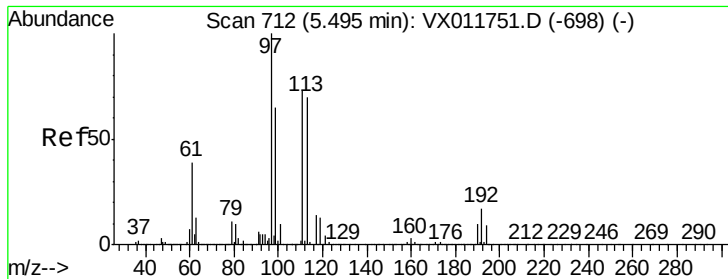
Tgt Ion: 65 Resp: 196351
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 114 Resp: 543715
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.009 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

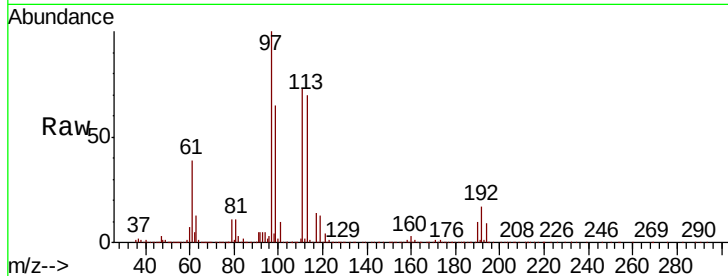
Tgt Ion:113 Resp: 176572

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

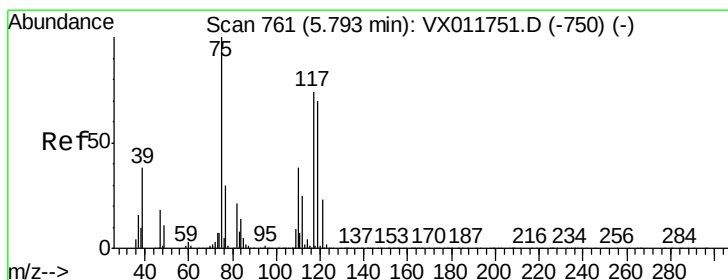
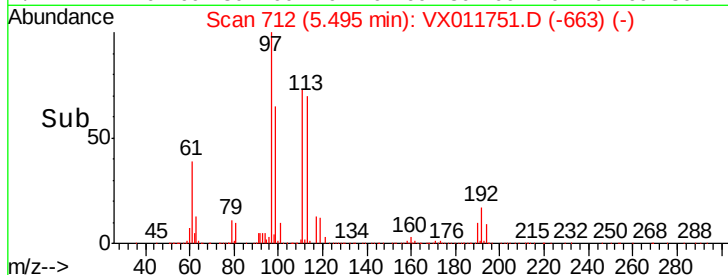
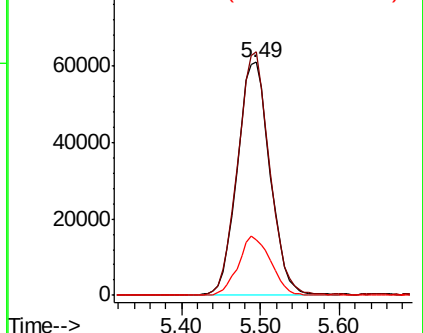
192 24.9 19.9 29.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.657 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

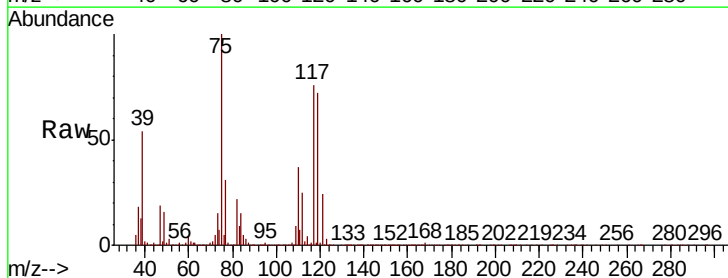
Tgt Ion: 75 Resp: 213441

Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

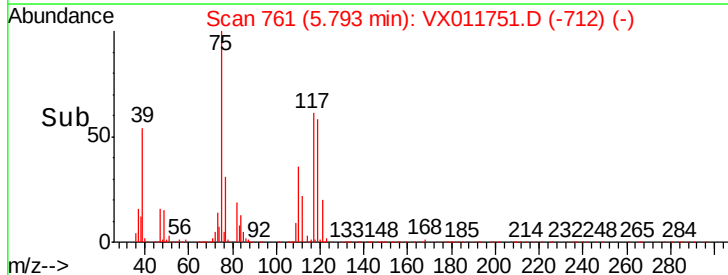
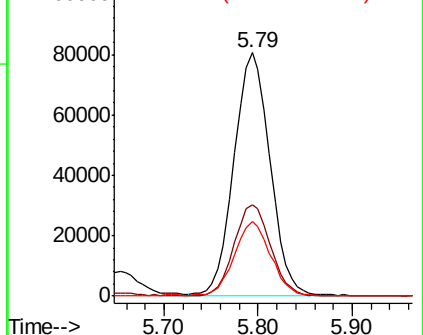
77 30.7 24.6 36.8

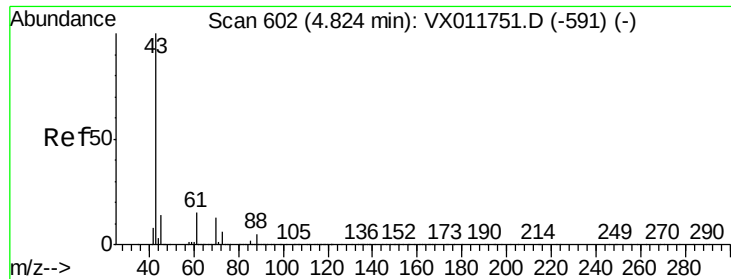


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

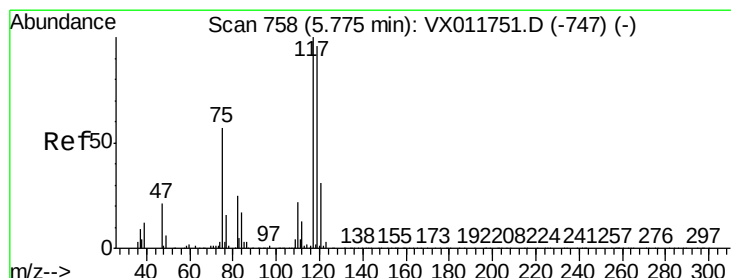
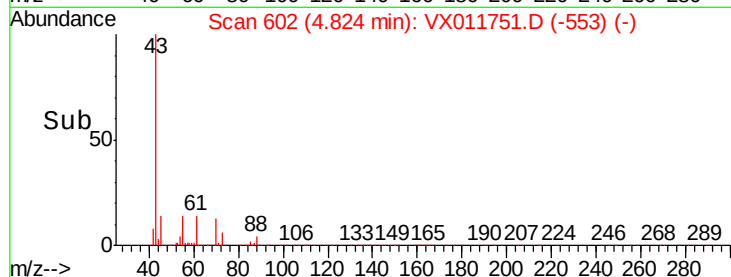
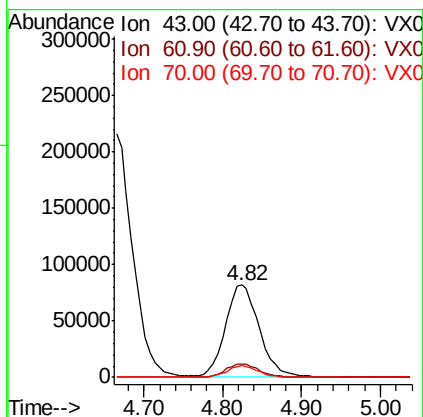
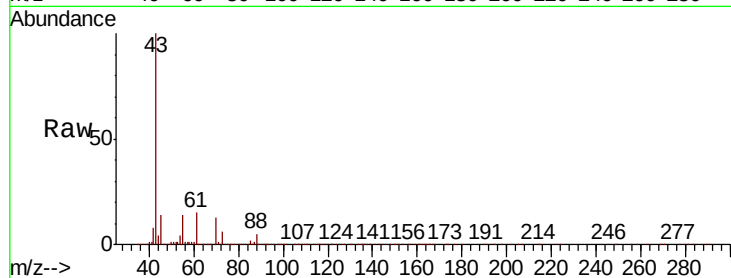




#37
Ethyl Acetate
Concen: 45.869 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

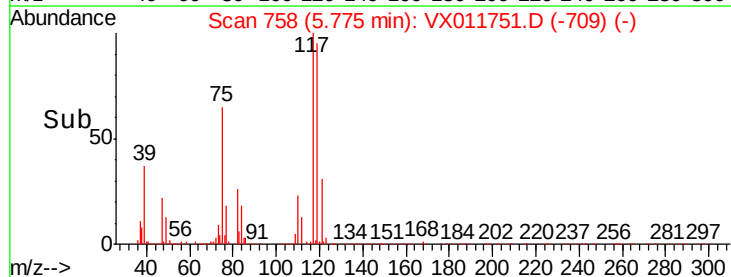
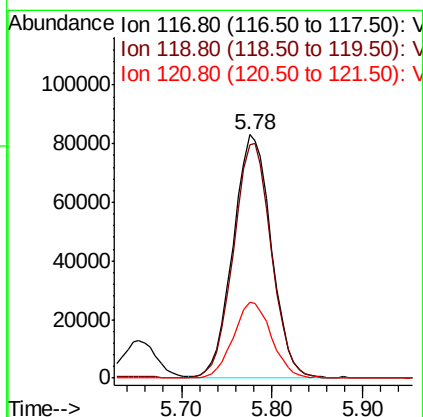
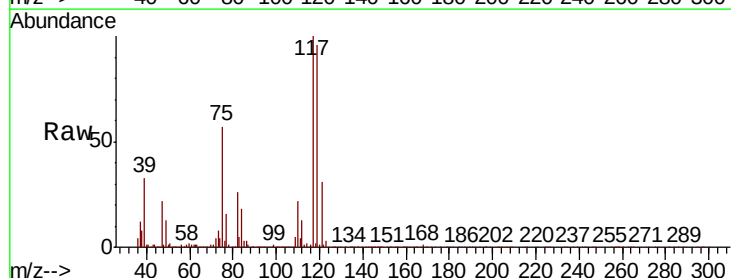
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

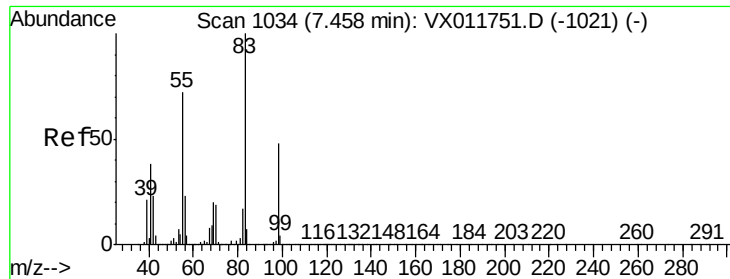
Tgt Ion: 43 Resp: 240003
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.9 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.825 ug/l
RT: 5.78 min Scan# 758
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 117 Resp: 241811
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 31.5 25.2 37.8

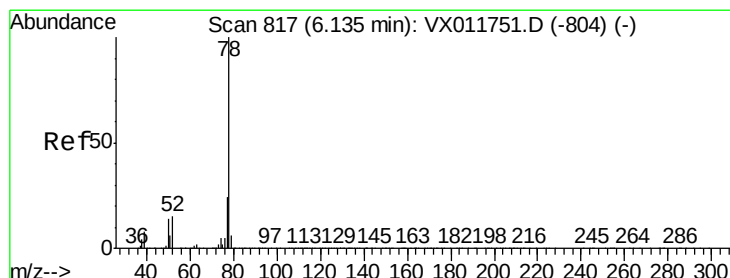
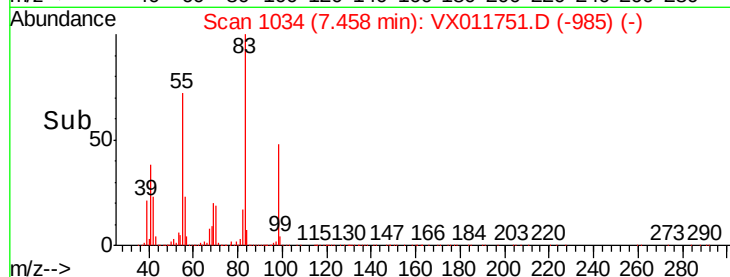
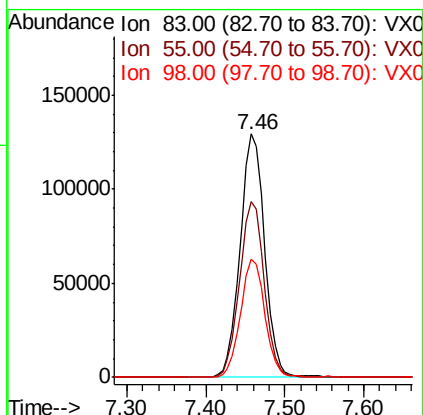
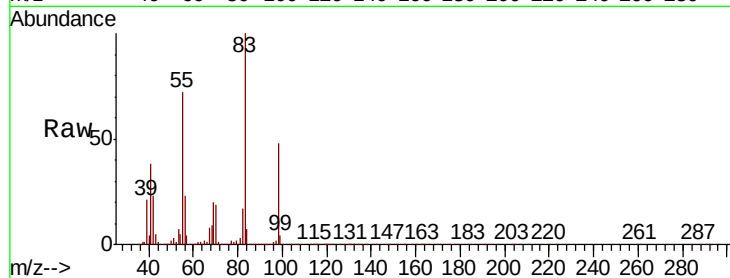




#39
Methylcyclohexane
Concen: 48.966 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

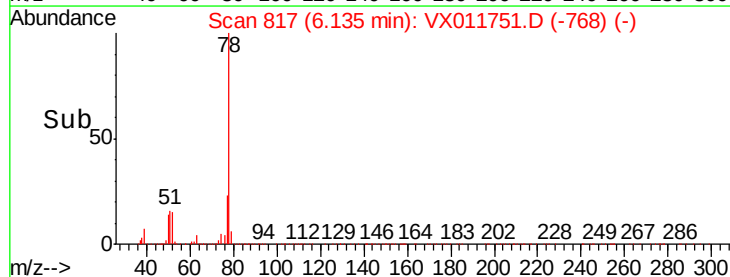
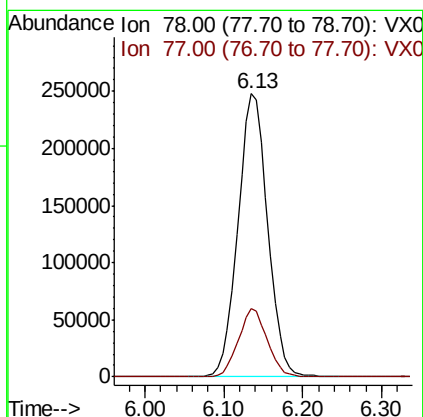
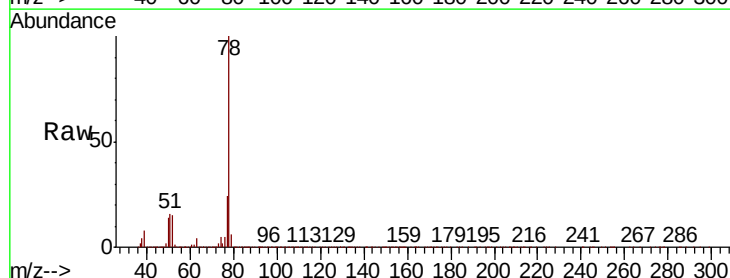
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

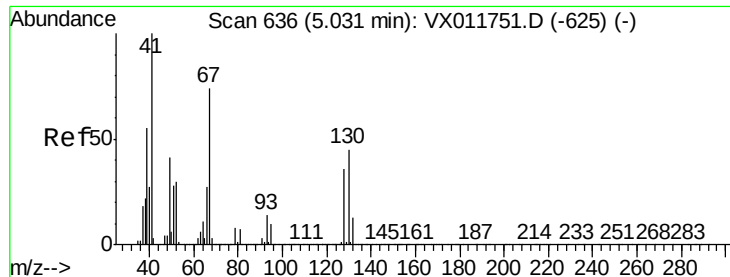
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.8	86.6
98	48.3	38.6	58.0



#40
Benzene
Concen: 45.682 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

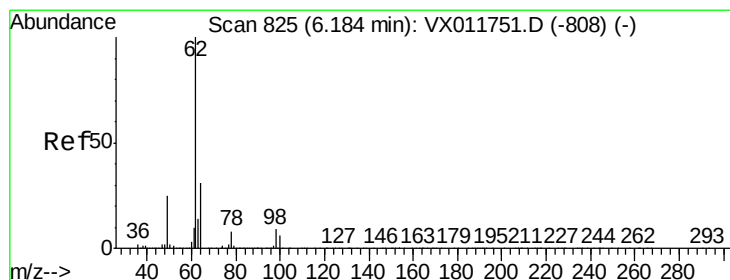
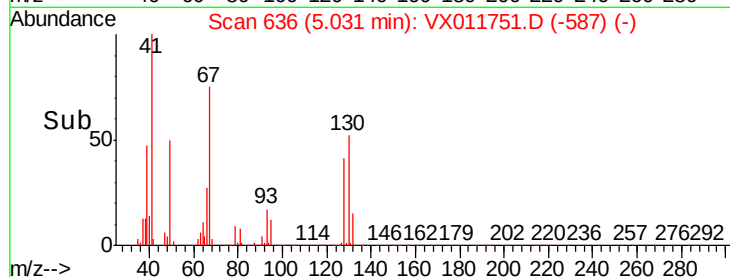
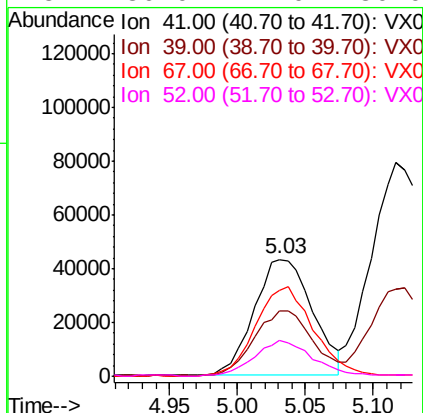
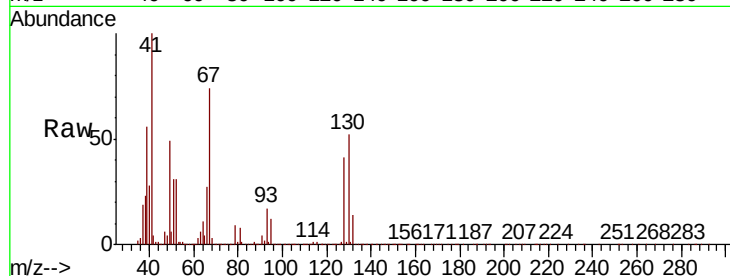




#41
Methacrylonitrile
Concen: 45.371 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

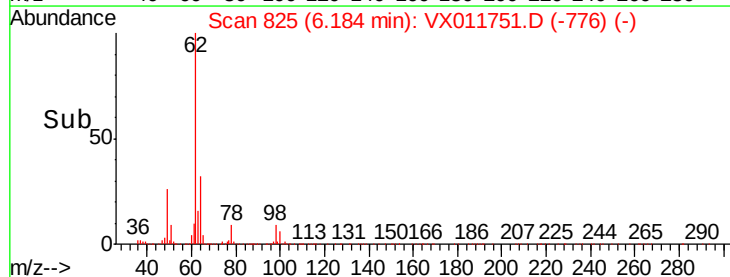
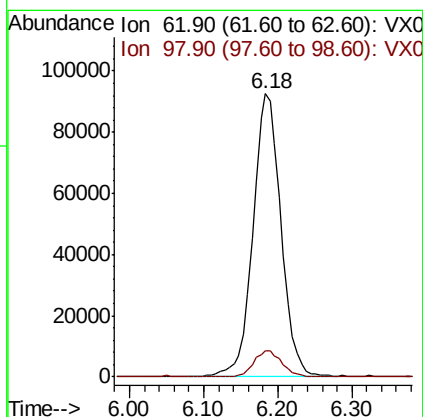
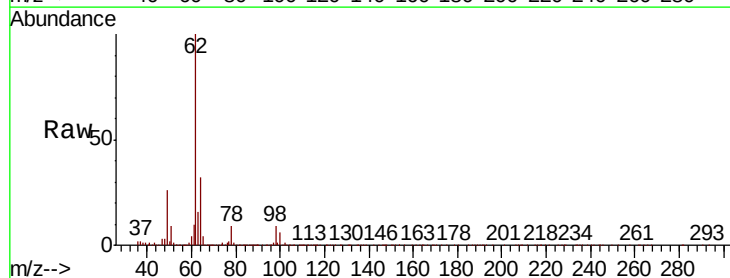
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

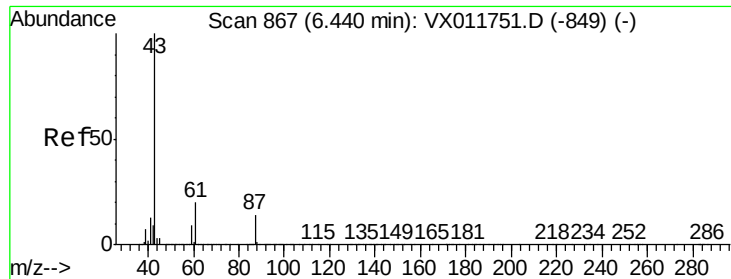
Tgt Ion:	41	Resp:	129903
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.3	66.5
67	75.4	60.3	90.5
52	30.0	24.0	36.0



#42
1,2-Dichloroethane
Concen: 48.966 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion:	62	Resp:	242926
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 46.096 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

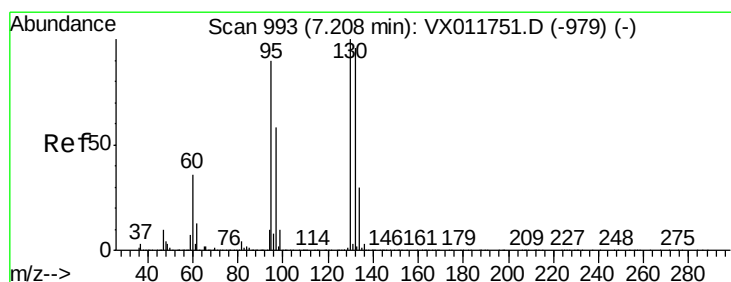
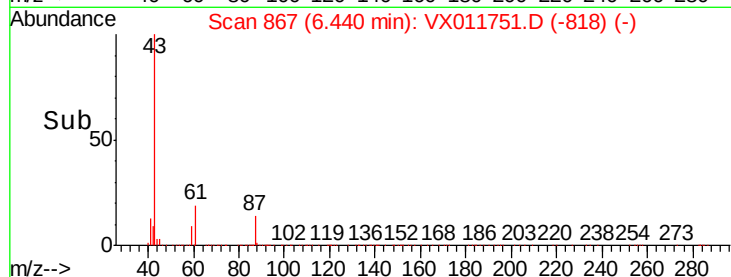
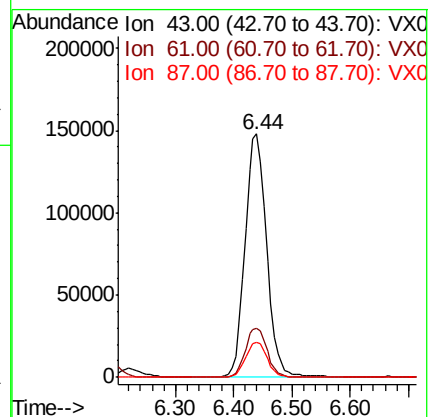
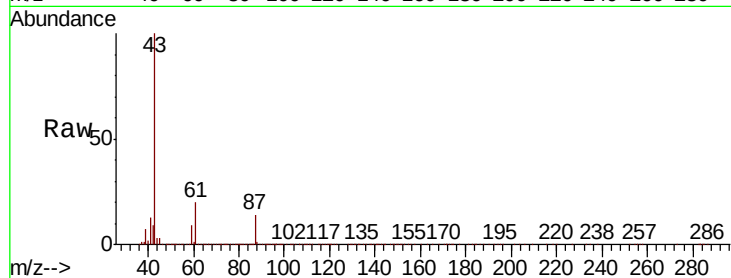
Tgt Ion: 43 Resp: 377416

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.2

87 14.5 11.6 17.4



#44

Trichloroethene

Concen: 47.810 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011751.D

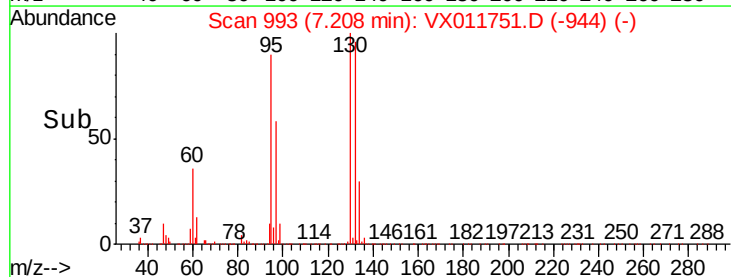
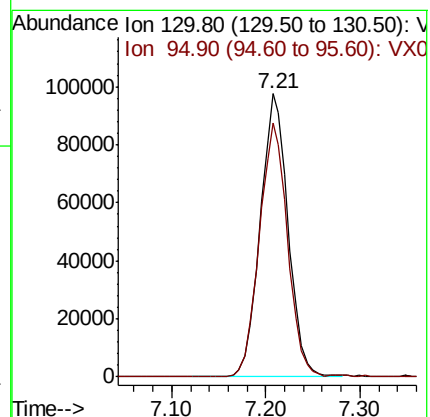
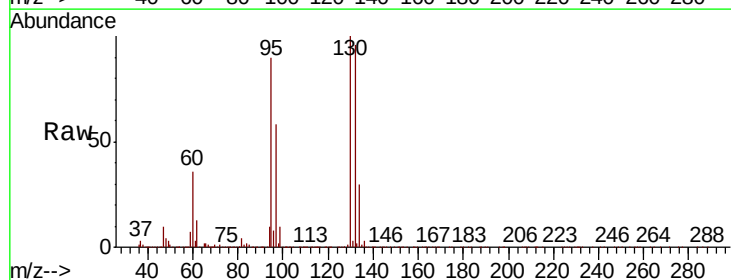
Acq: 22 Aug 2019 10:06

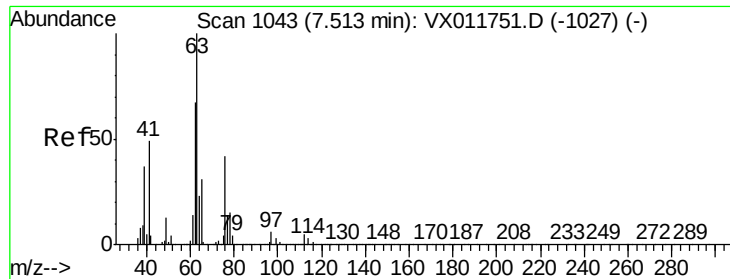
Tgt Ion: 130 Resp: 203129

Ion Ratio Lower Upper

130 100

95 89.5 0.0 179.0

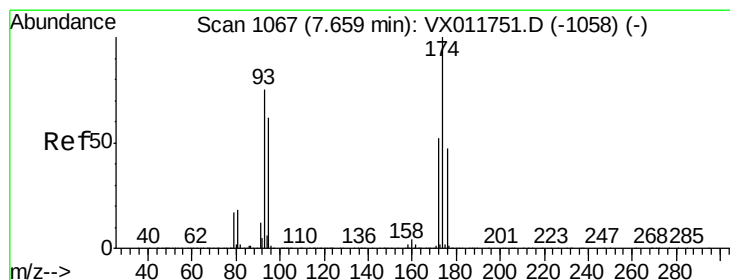
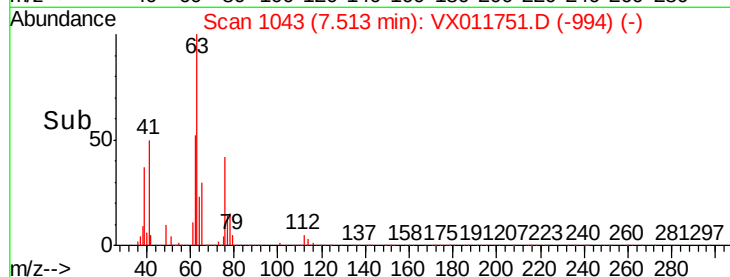
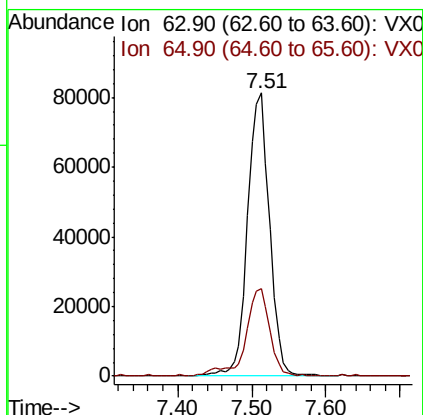
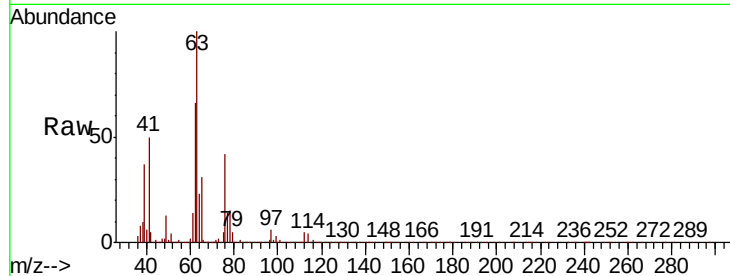




#45
 1,2-Dichloropropane
 Concen: 47.314 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

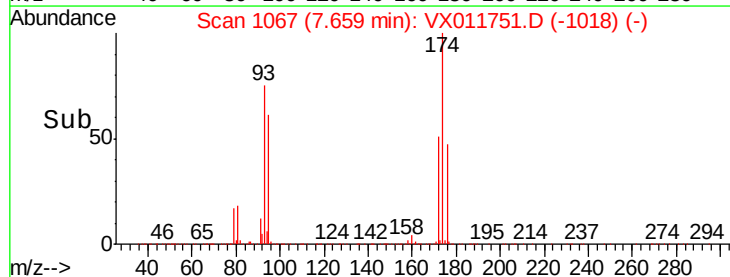
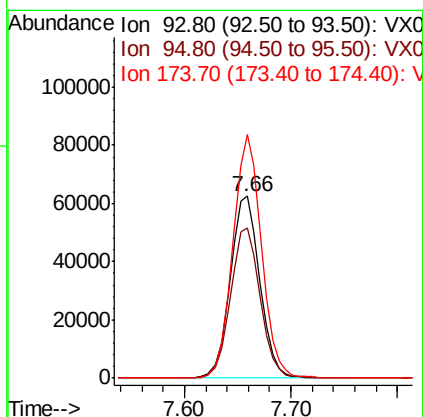
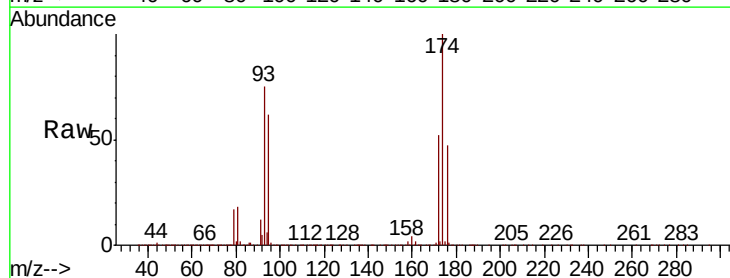
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

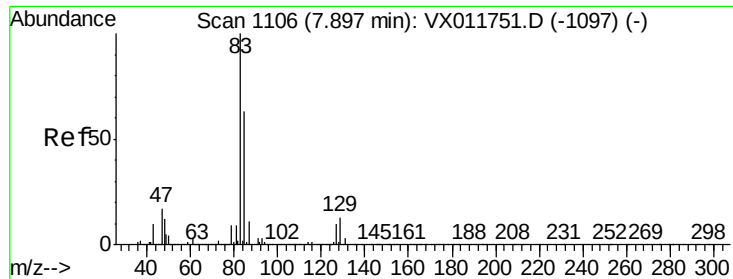
Tgt Ion: 63 Resp: 167533
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 46.733 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 93 Resp: 121278
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.2
 174 130.3 104.2 156.4

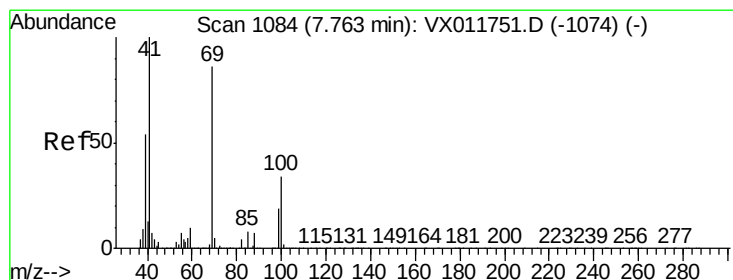
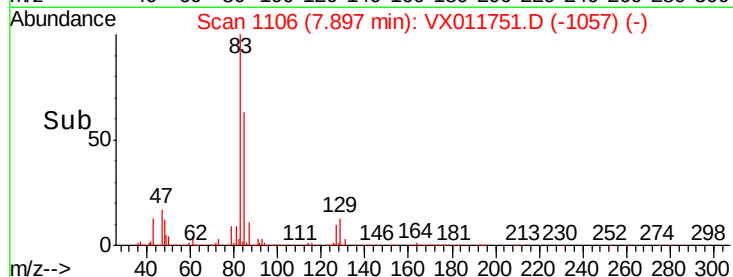
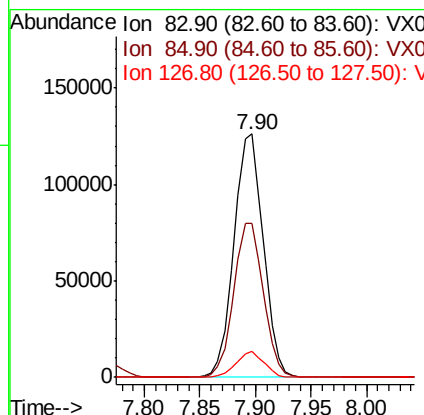
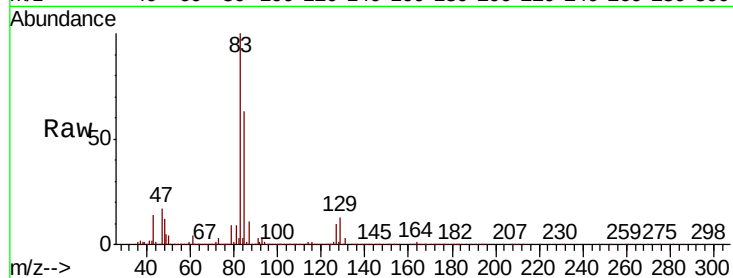




#47
Bromodichloromethane
Concen: 48.428 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

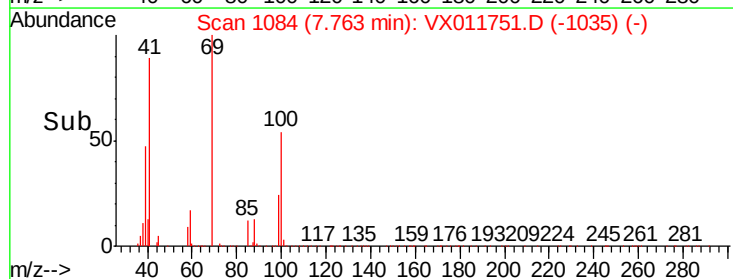
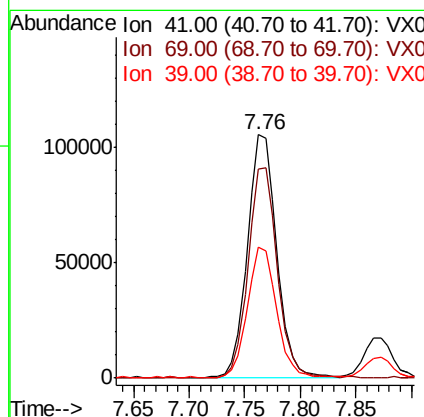
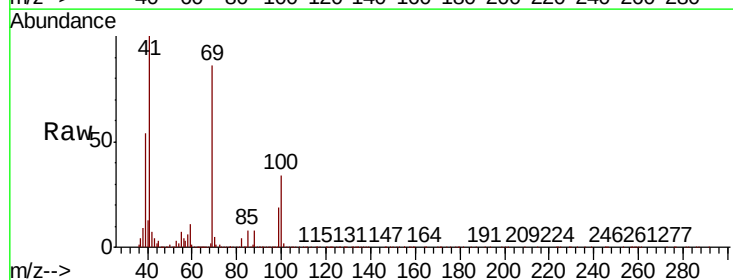
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

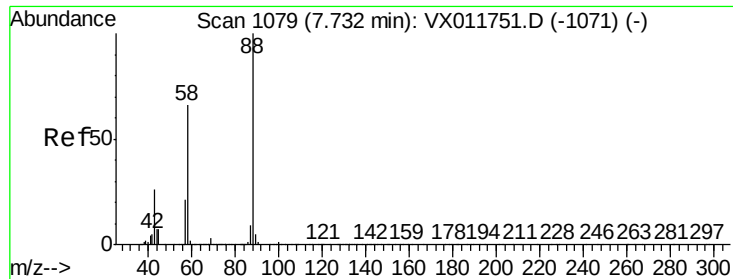
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0
127	10.5	8.4	12.6



#48
Methyl methacrylate
Concen: 47.501 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.8	69.4	104.2
39	54.5	43.6	65.4





#49

1,4-Dioxane

Concen: 923.827 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

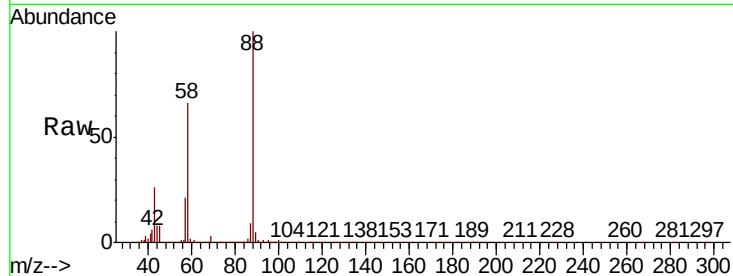
Tgt Ion: 88 Resp: 99836

Ion Ratio Lower Upper

88 100

43 30.8 24.6 37.0

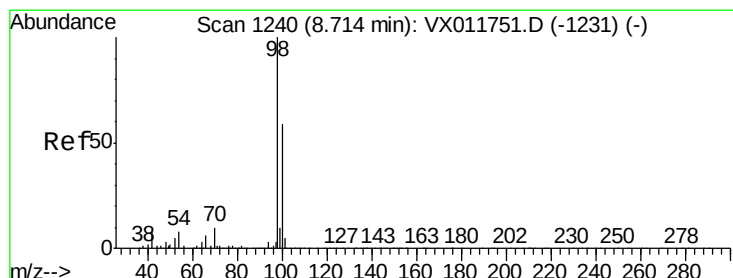
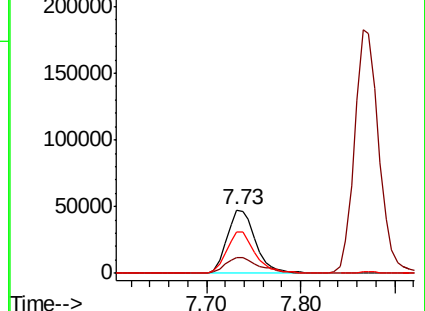
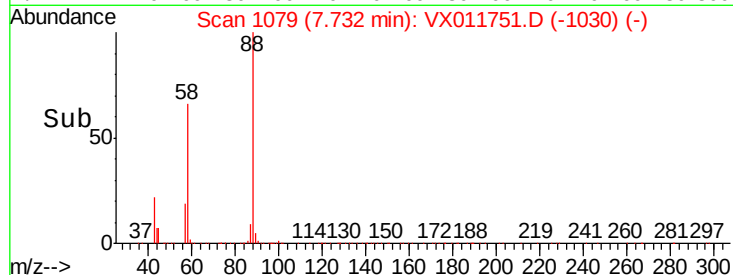
58 64.3 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 56.008 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011751.D

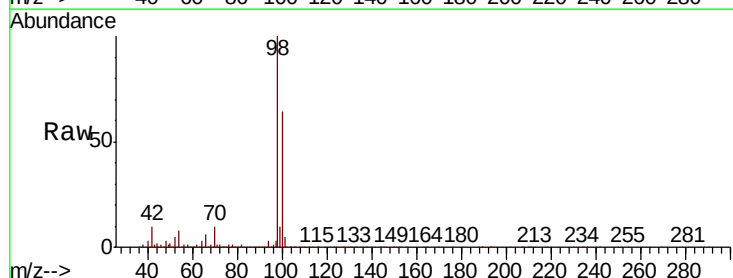
Acq: 22 Aug 2019 10:06

Tgt Ion: 98 Resp: 647325

Ion Ratio Lower Upper

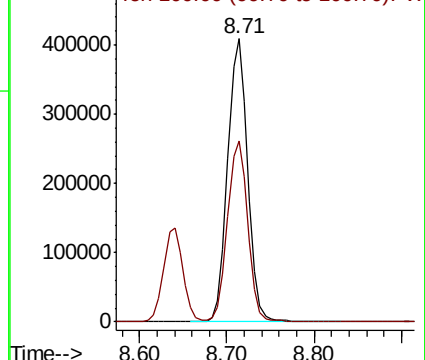
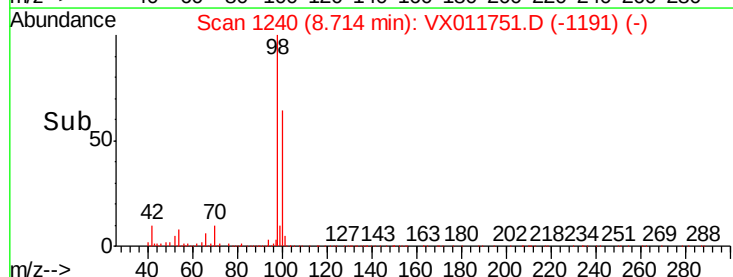
98 100

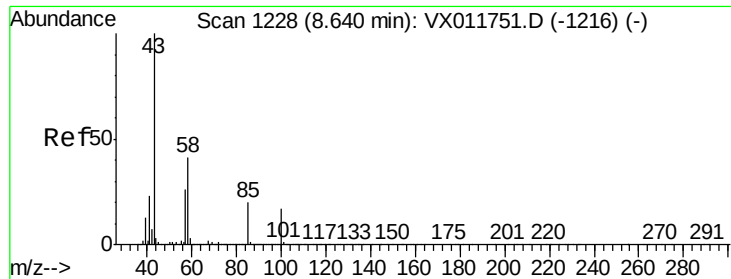
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

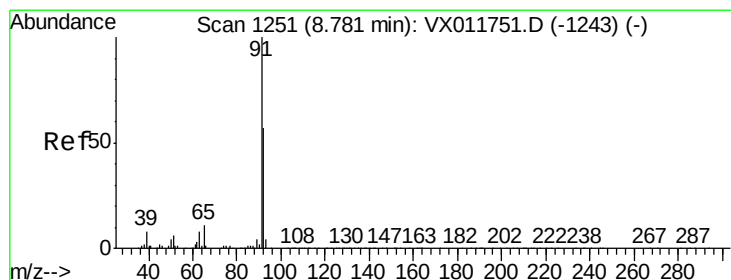
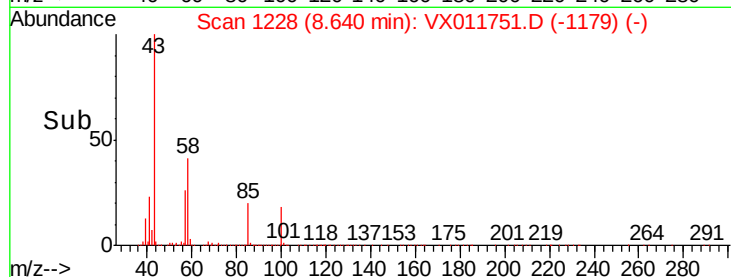
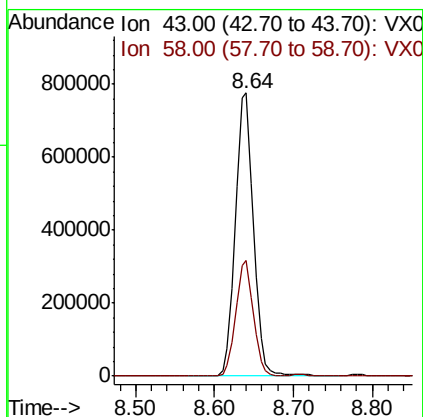
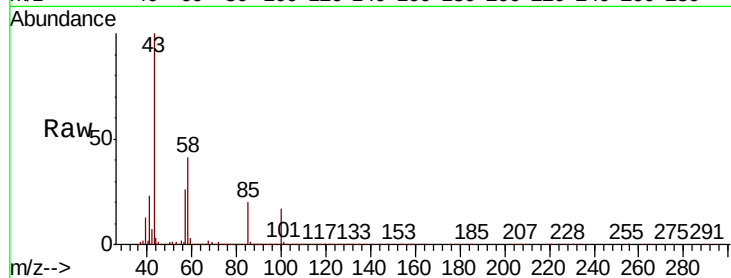




#51
 4-Methyl-2-Pentanone
 Concen: 232.026 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

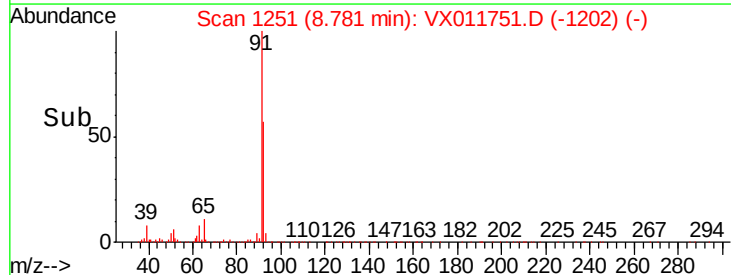
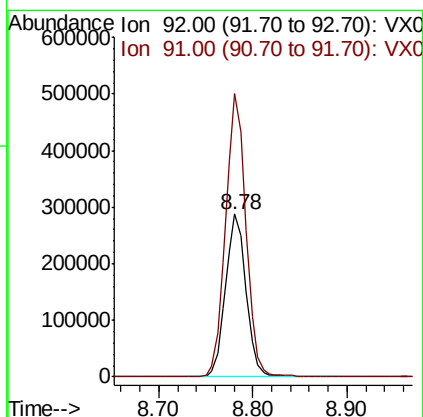
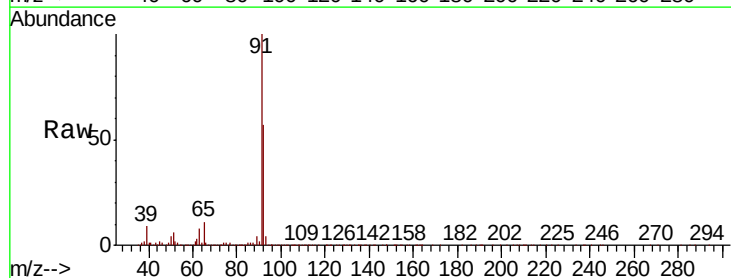
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

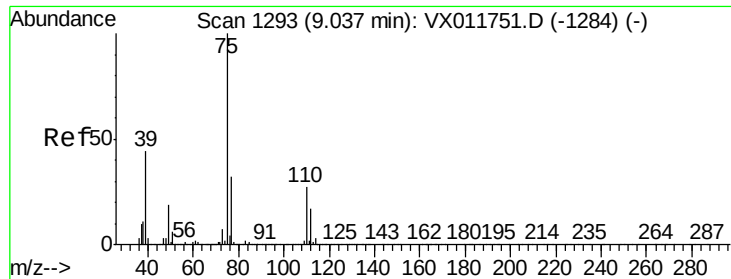
Tgt Ion: 43 Resp: 1237826
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.8 47.6



#52
 Toluene
 Concen: 47.744 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 92 Resp: 434551
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.6 207.8

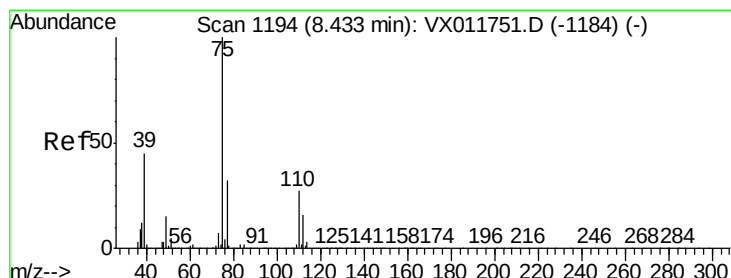
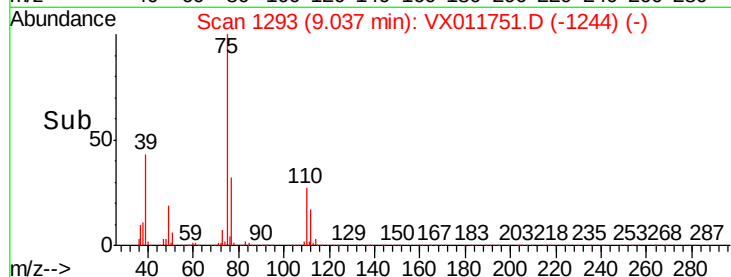
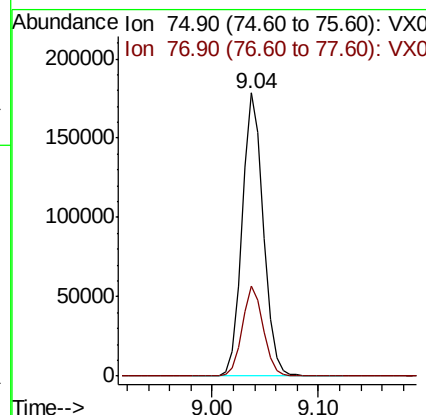
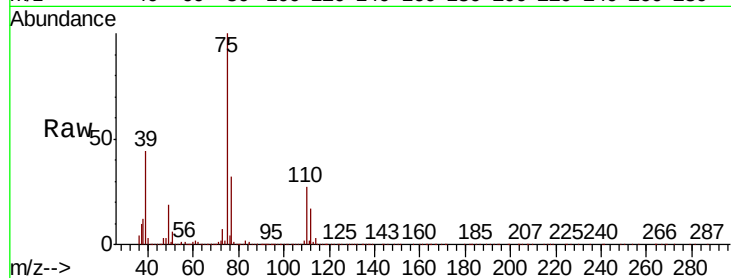




#53
 t-1,3-Dichloropropene
 Concen: 50.563 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

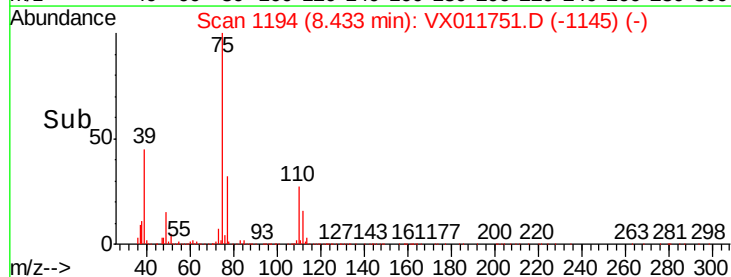
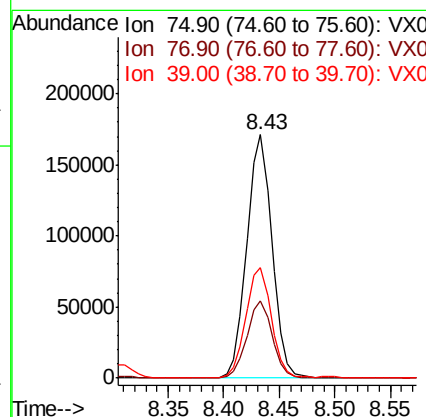
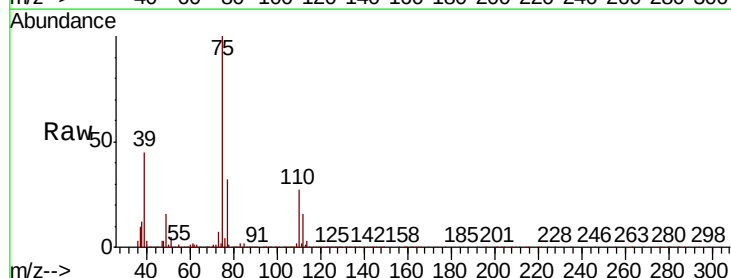
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

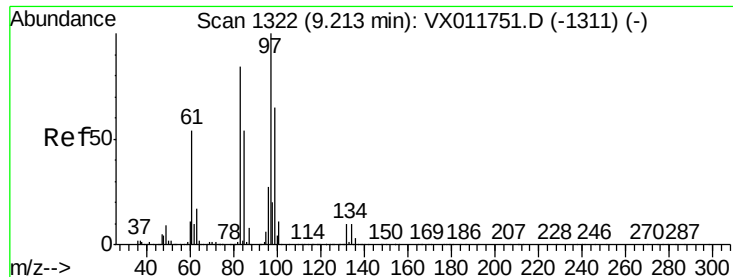
Tgt Ion: 75 Resp: 249064
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.055 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 75 Resp: 269234
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 45.3 36.2 54.4

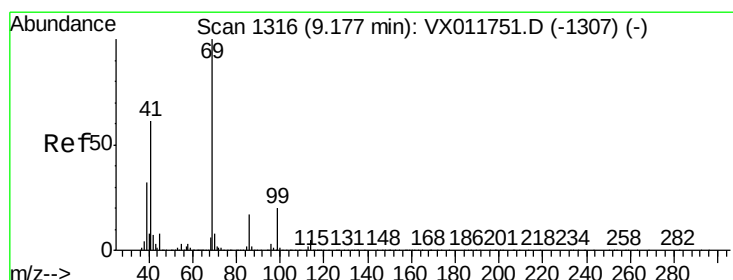
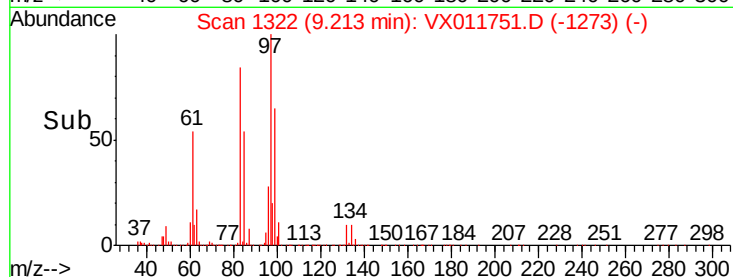
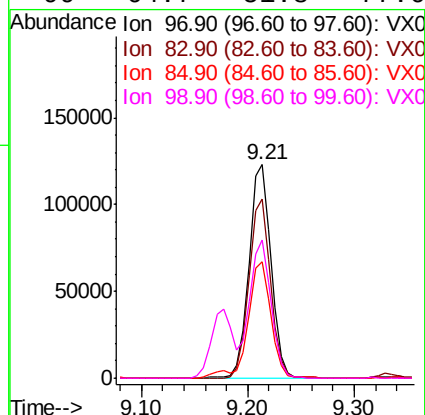
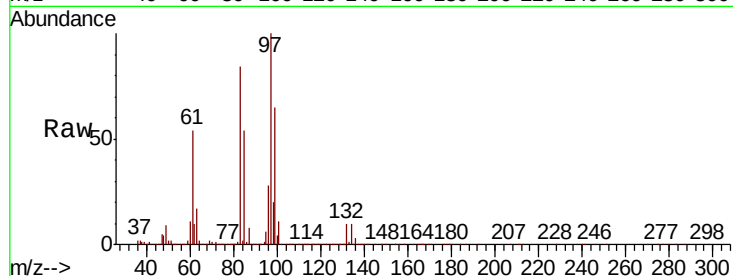




#55
 1,1,2-Trichloroethane
 Concen: 46.277 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

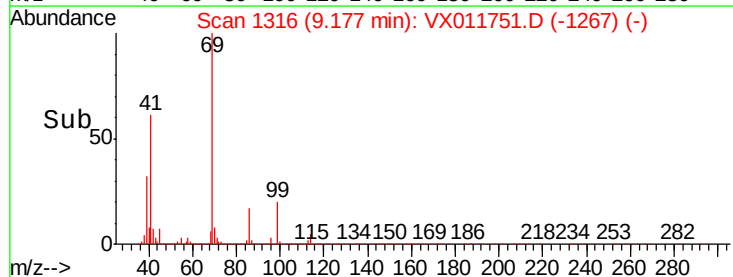
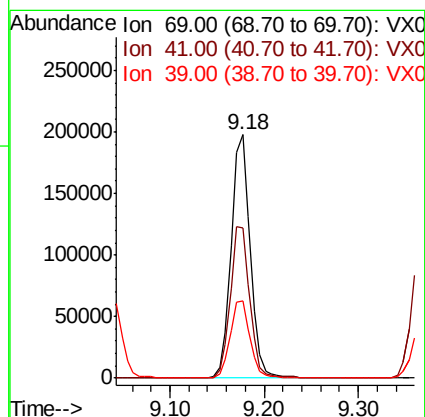
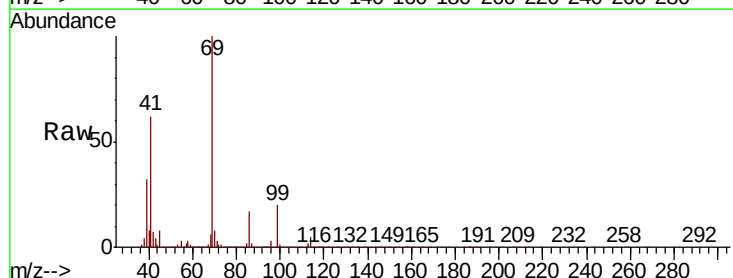
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

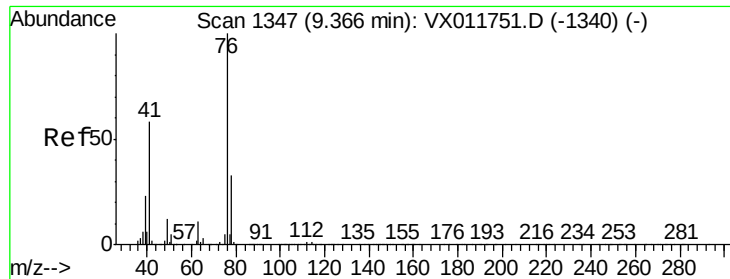
Tgt Ion:	97	Resp:	178616
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	54.3	43.4	65.2
99	64.7	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 49.485 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion:	69	Resp:	277269
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	33.0	26.4	39.6

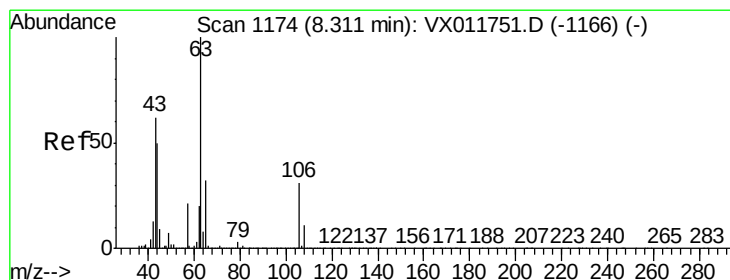
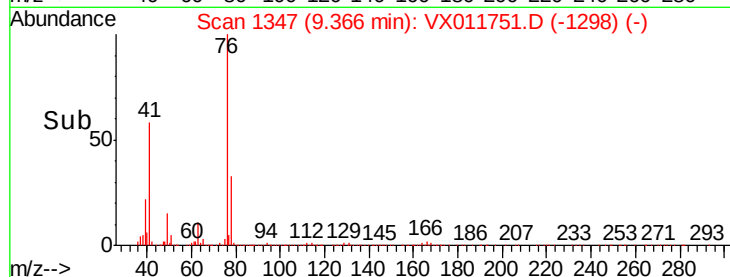
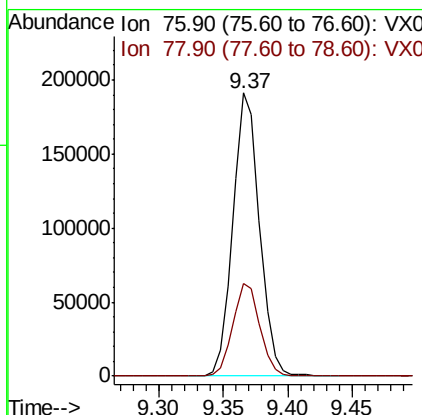
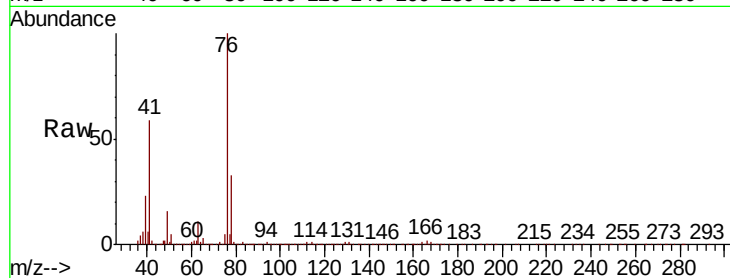




#57
 1,3-Dichloropropane
 Concen: 45.111 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

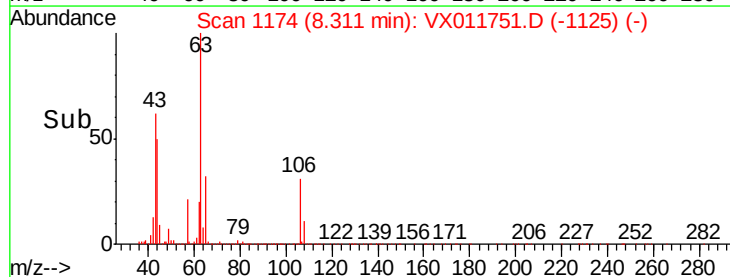
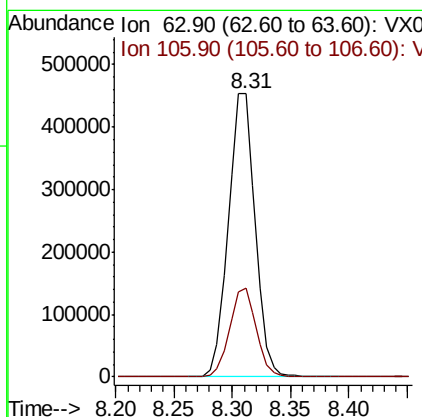
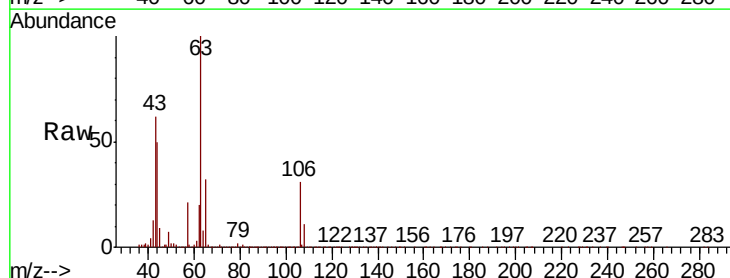
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

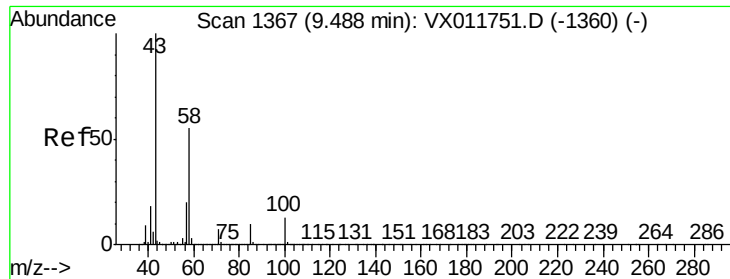
Tgt Ion: 76 Resp: 274823
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.520 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 63 Resp: 723874
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3

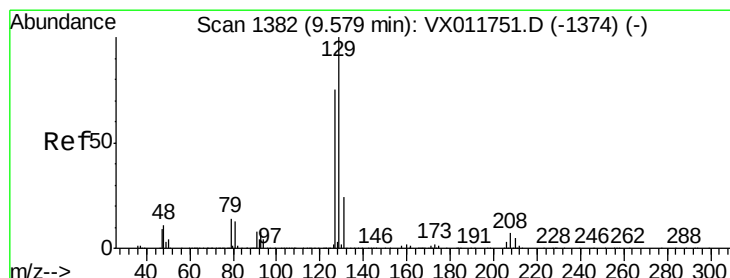
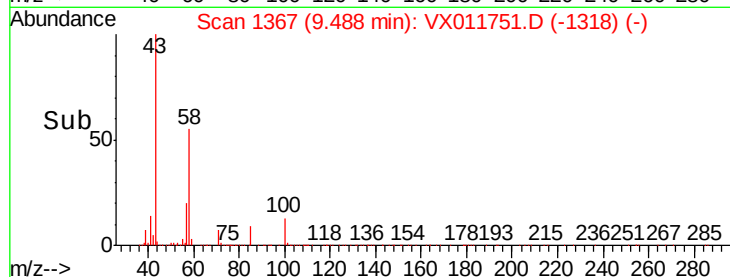
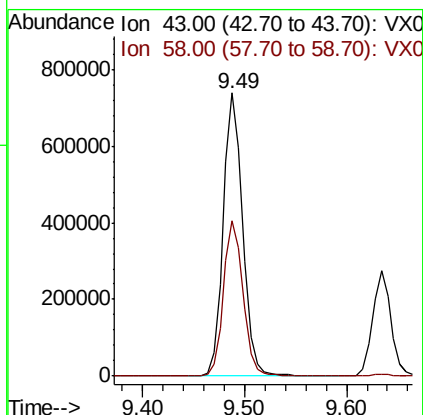
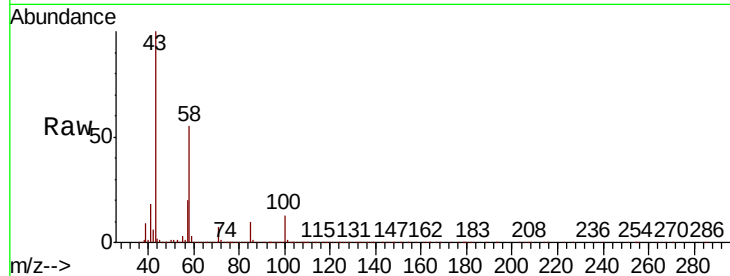




#59
2-Hexanone
Concen: 237.366 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

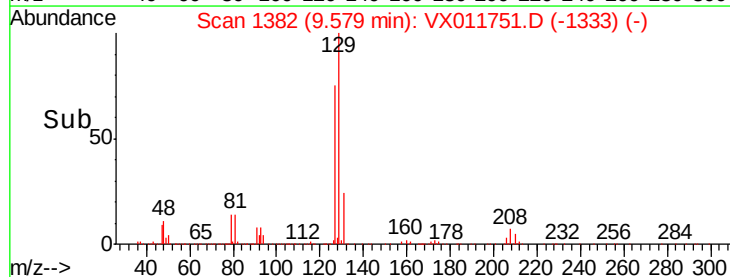
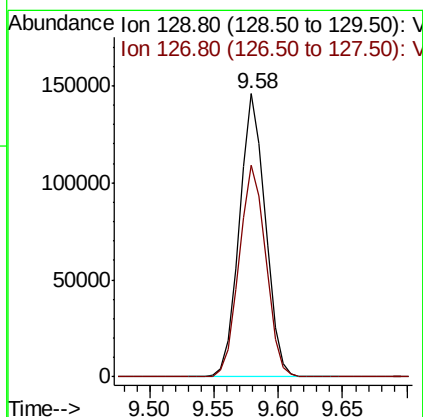
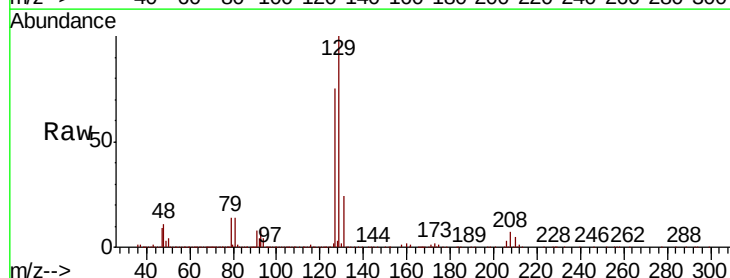
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

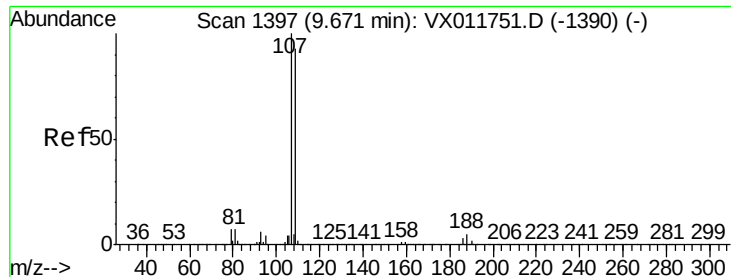
Tgt Ion: 43 Resp: 977922
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 50.834 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 129 Resp: 203959
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 47.920 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

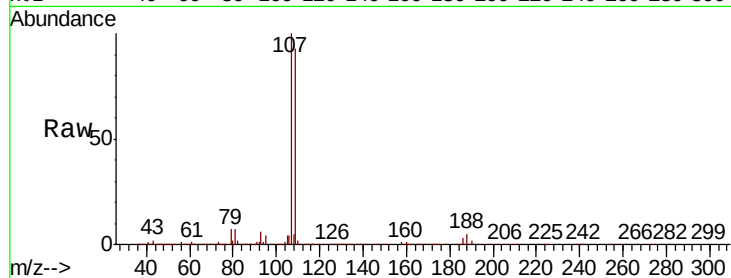
VSTDICCC050

Tgt Ion: 107 Resp: 197710

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

150000

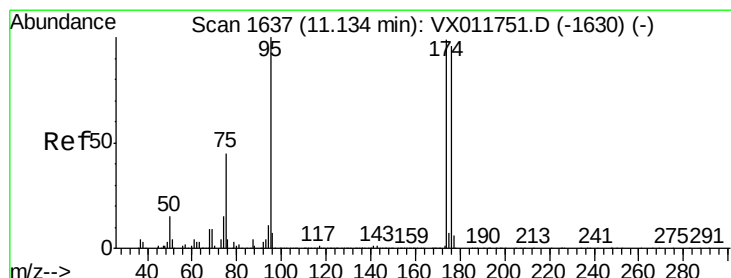
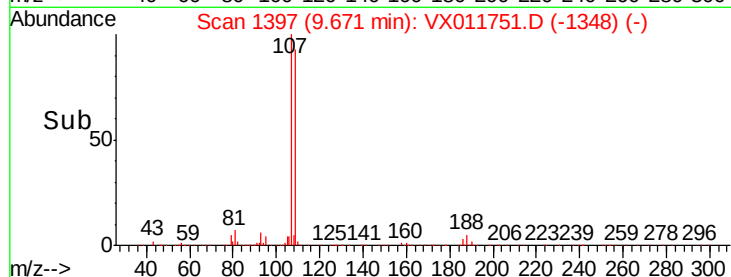
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.667 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

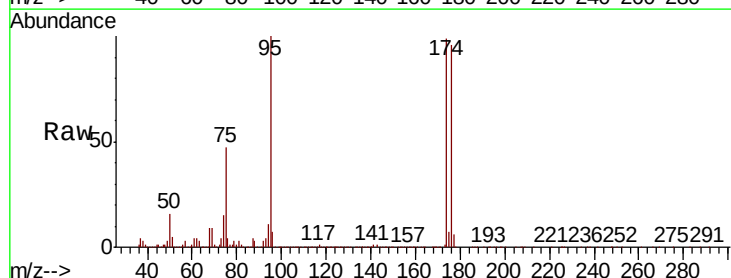
Tgt Ion: 95 Resp: 242026

Ion Ratio Lower Upper

95 100

174 98.7 0.0 197.4

176 97.2 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

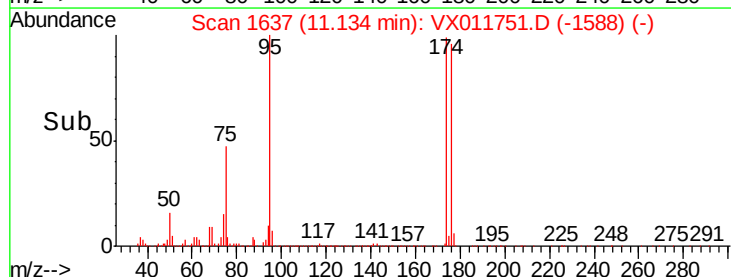
100000

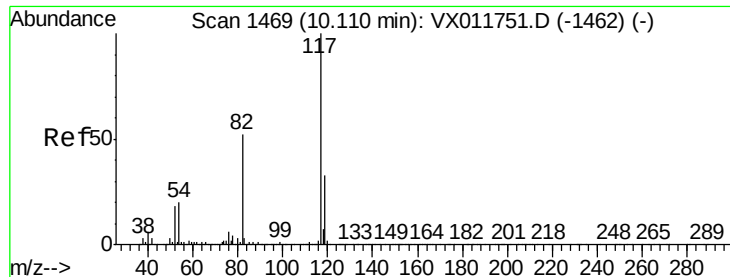
50000

0

11.05 11.10 11.15 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: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

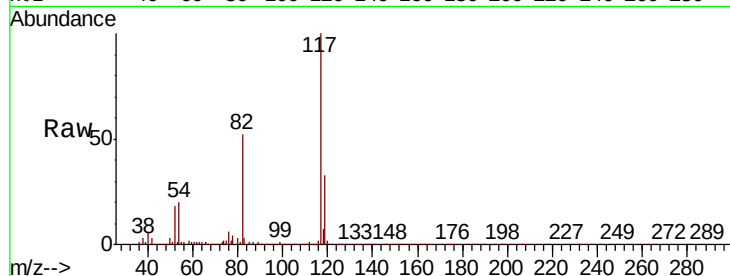
Tgt Ion:117 Resp: 476516

Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

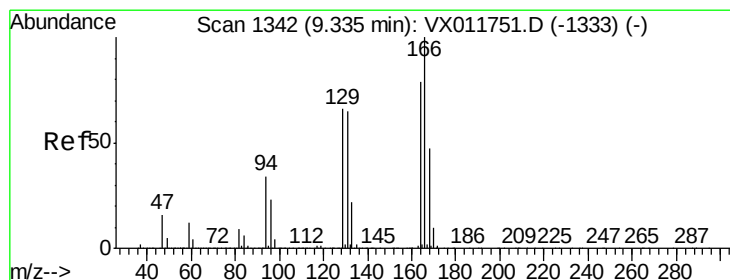
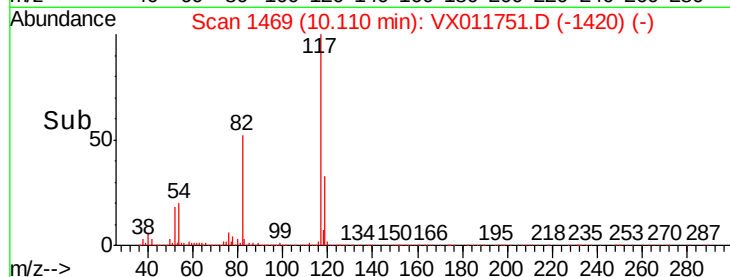
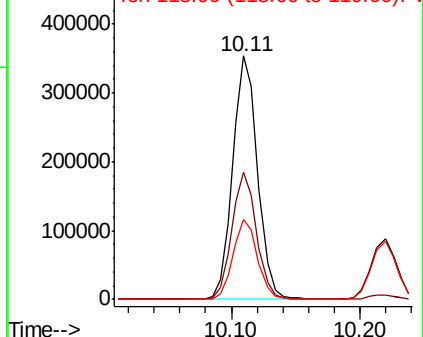
119 32.7 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.755 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Tgt Ion:164 Resp: 203838

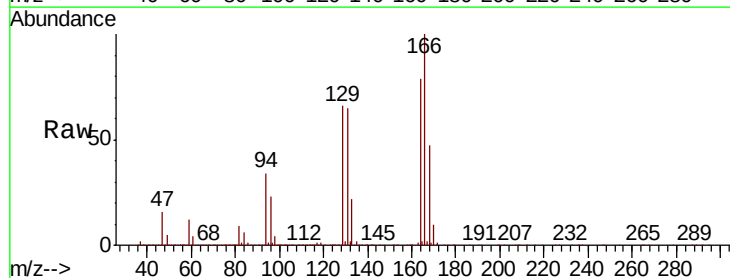
Ion Ratio Lower Upper

164 100

166 125.9 100.7 151.1

129 83.5 66.8 100.2

131 81.8 65.4 98.2

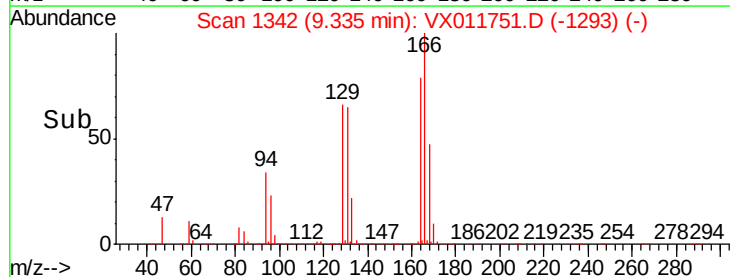
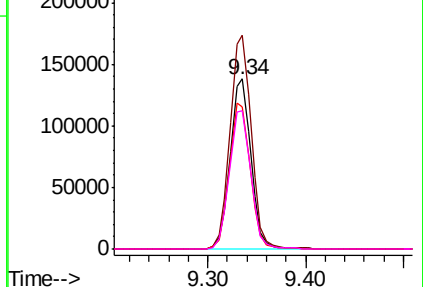


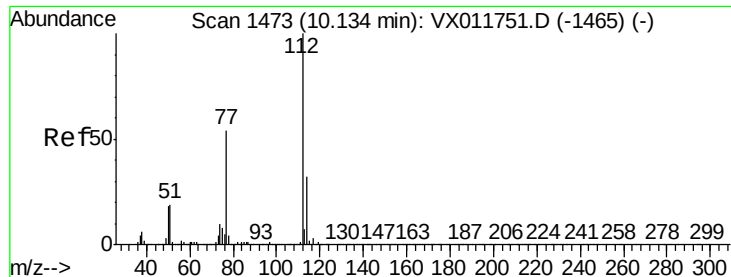
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

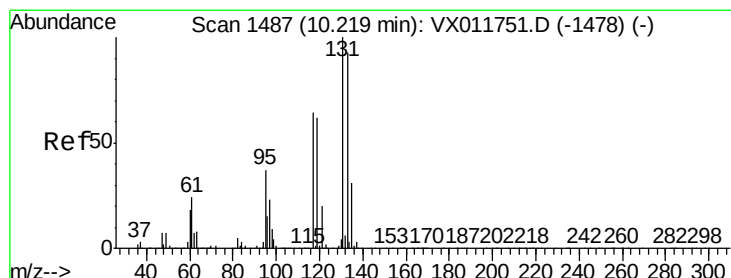
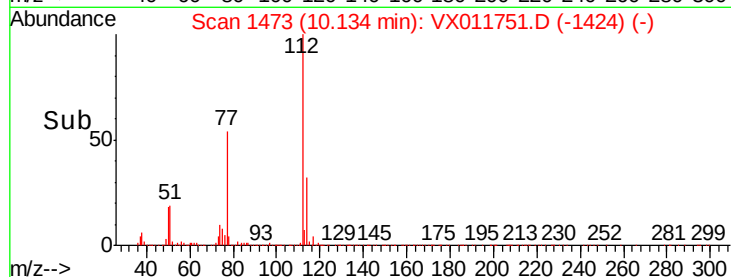
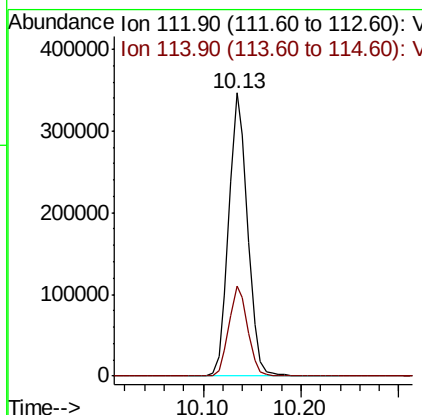
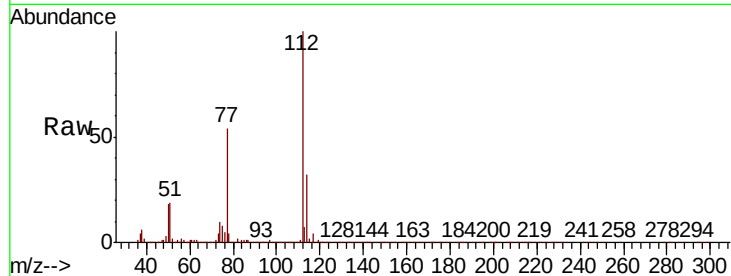




#65
Chlorobenzene
Concen: 46.348 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

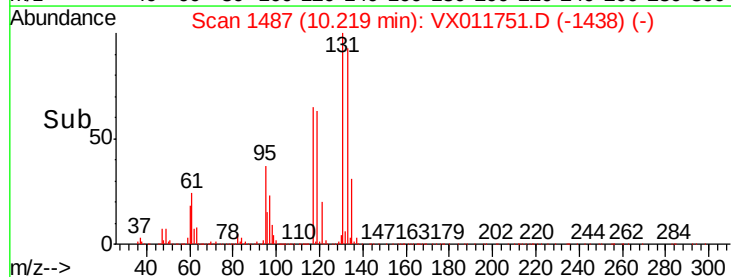
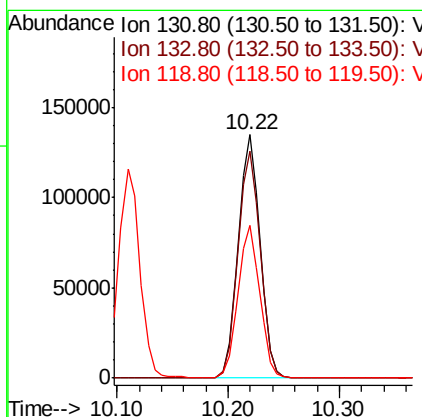
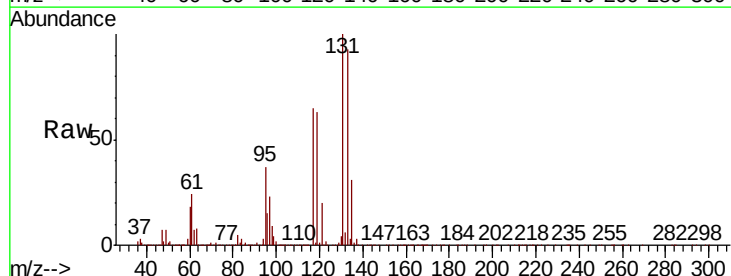
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

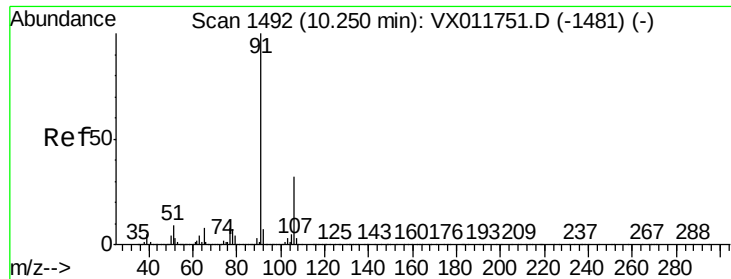
Tgt Ion:112 Resp: 463670
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.712 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion:131 Resp: 182750
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 62.5 31.3 93.8

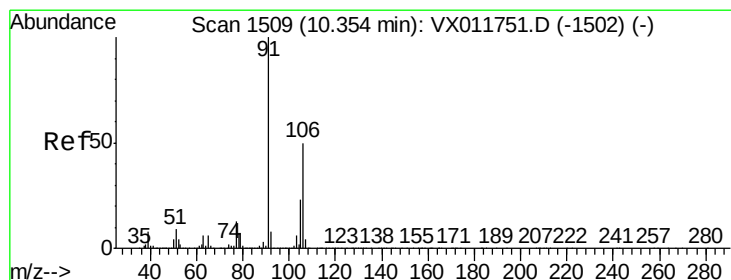
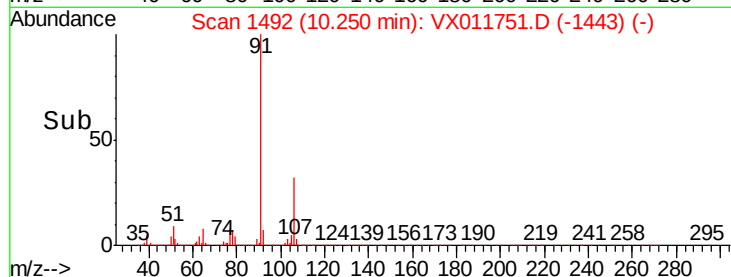
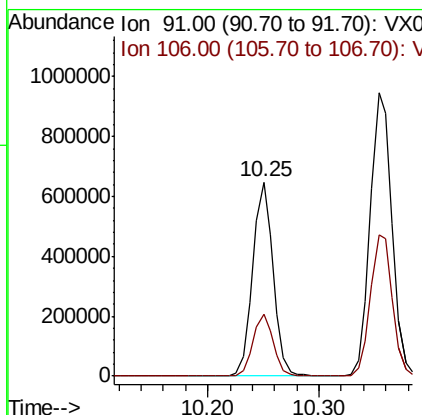
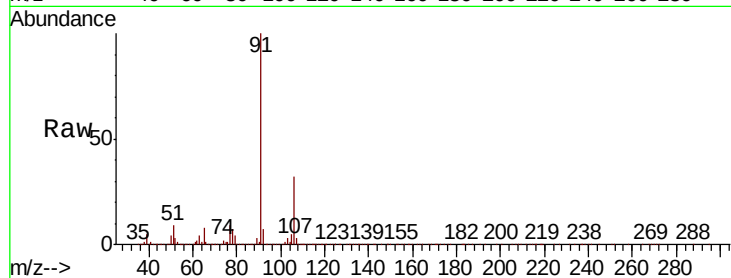




#67
Ethyl Benzene
Concen: 49.128 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

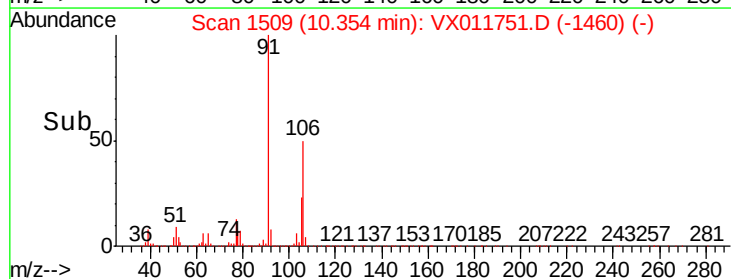
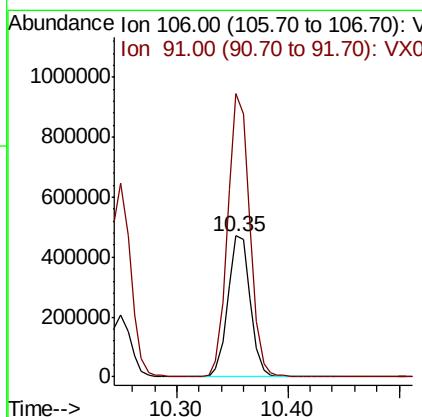
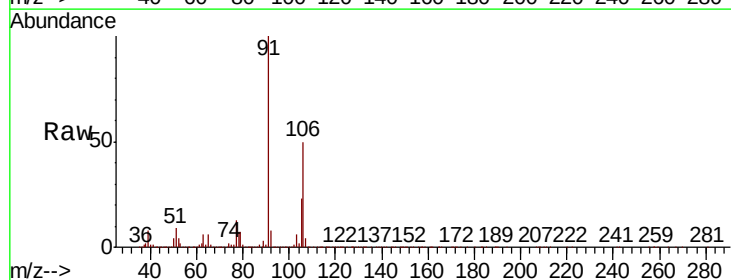
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

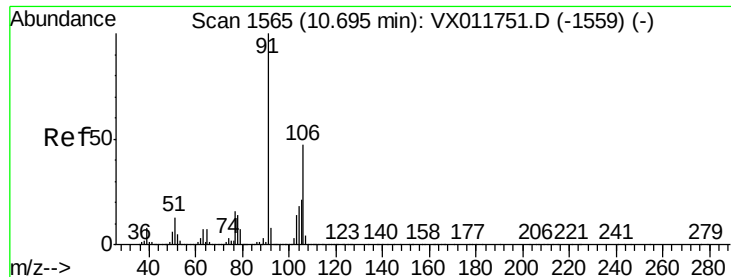
Tgt Ion: 91 Resp: 827927
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 100.702 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 106 Resp: 651865
Ion Ratio Lower Upper
106 100
91 197.9 158.3 237.5

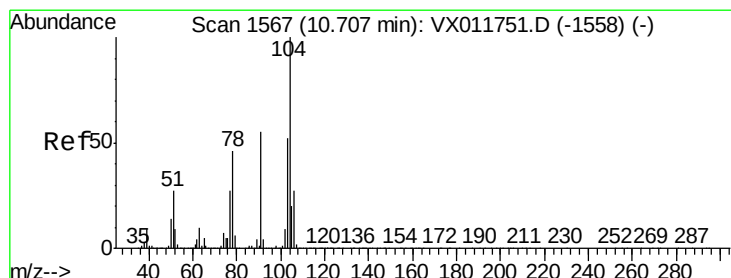
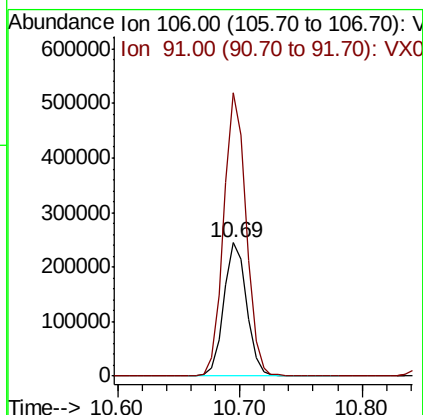
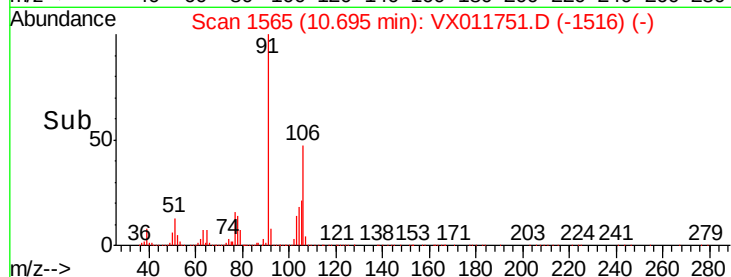
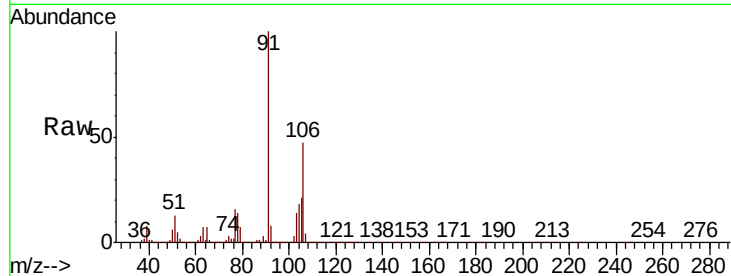




#69
o-Xylene
Concen: 49.518 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

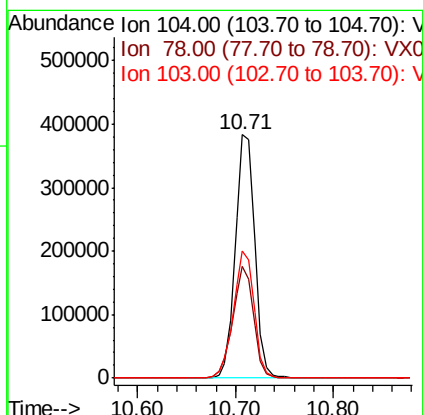
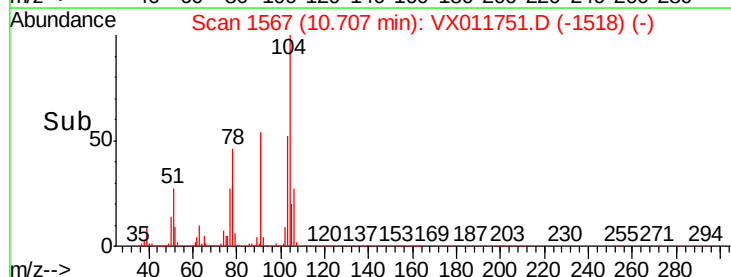
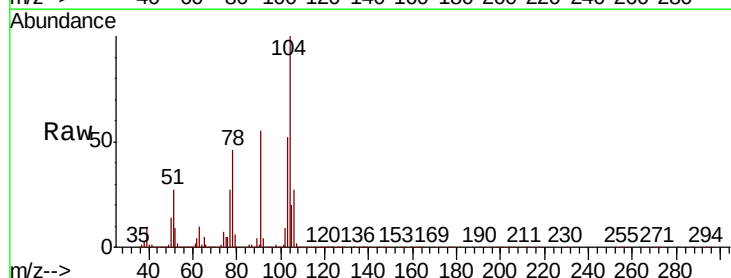
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

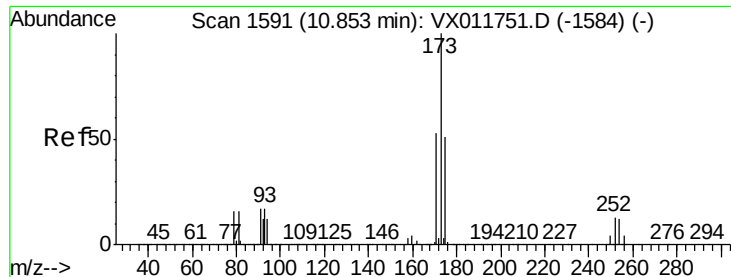
Tgt Ion:106 Resp: 314234
Ion Ratio Lower Upper
106 100
91 209.9 105.0 314.9



#70
Styrene
Concen: 49.973 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion:104 Resp: 531067
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.6 44.5 66.7

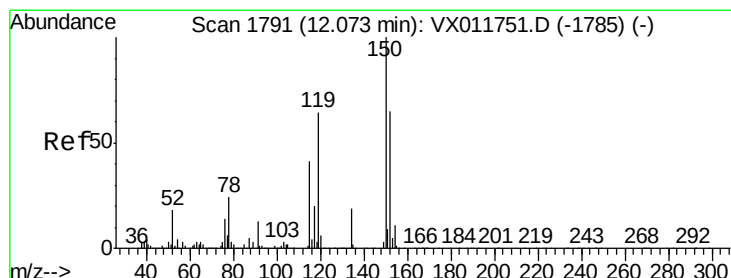
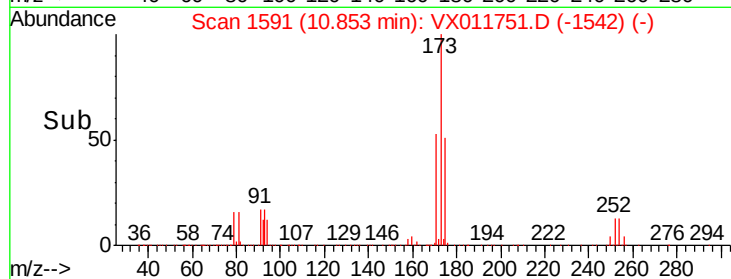
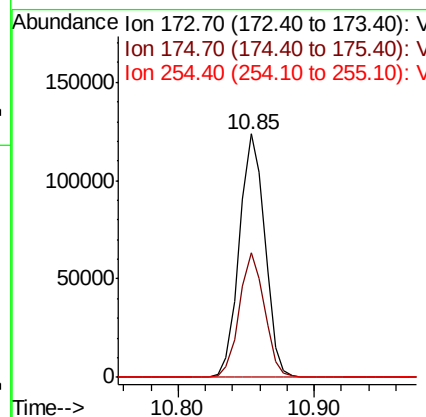
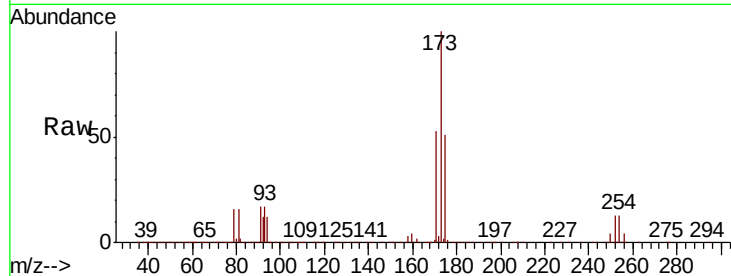




#71
Bromoform
Concen: 51.045 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

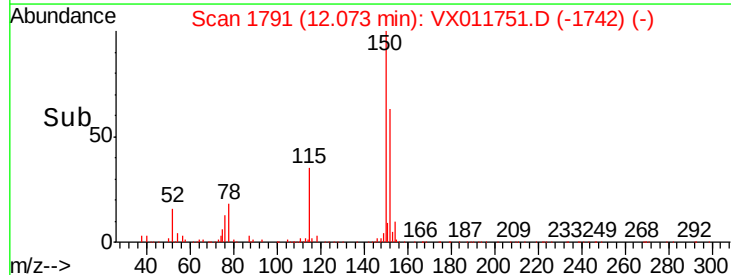
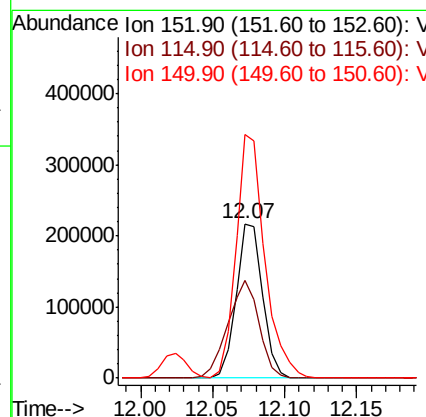
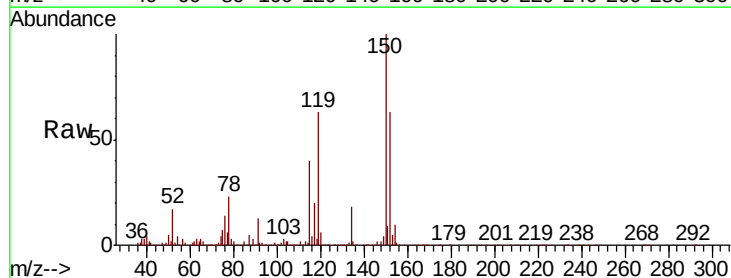
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

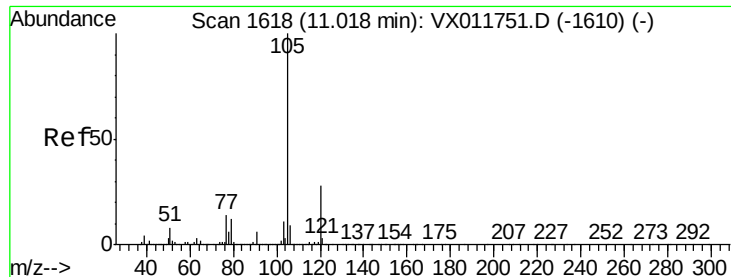
Tgt Ion:173 Resp: 162528
Ion Ratio Lower Upper
173 100
175 50.2 25.1 75.3
254 0.3 0.2 0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion:152 Resp: 278392
Ion Ratio Lower Upper
152 100
115 74.5 37.3 111.8
150 171.5 0.0 343.0





#73

Isopropylbenzene

Concen: 47.746 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

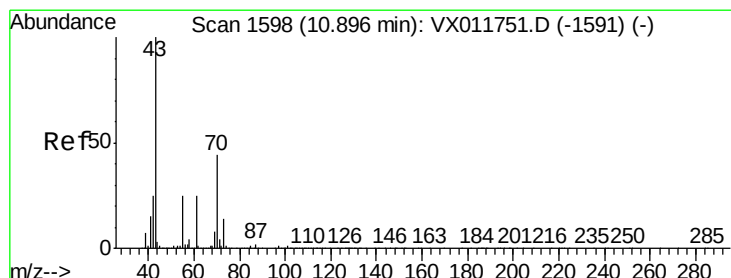
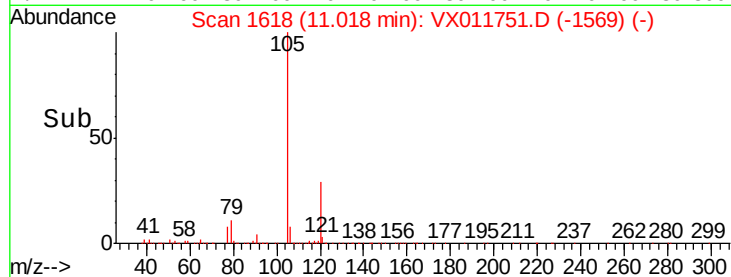
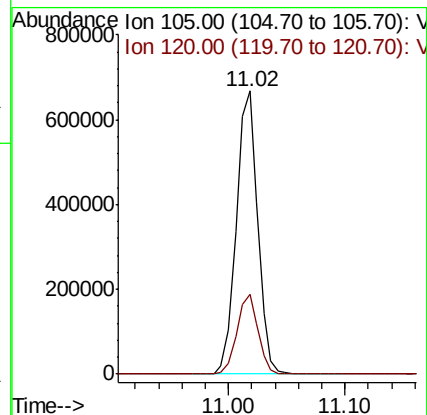
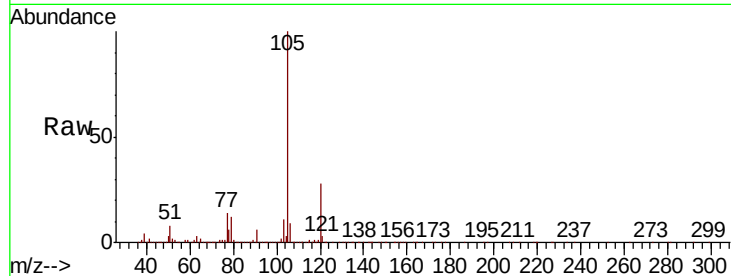
VSTDICCC050

Tgt Ion: 105 Resp: 852527

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 44.239 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Tgt Ion: 43 Resp: 331356

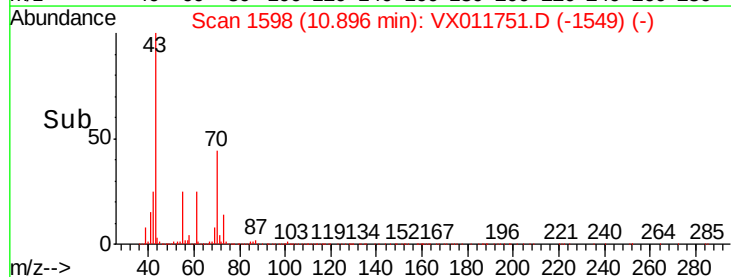
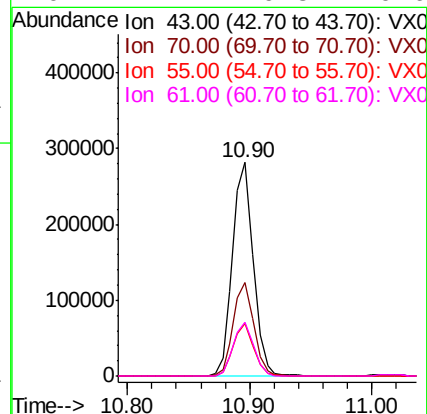
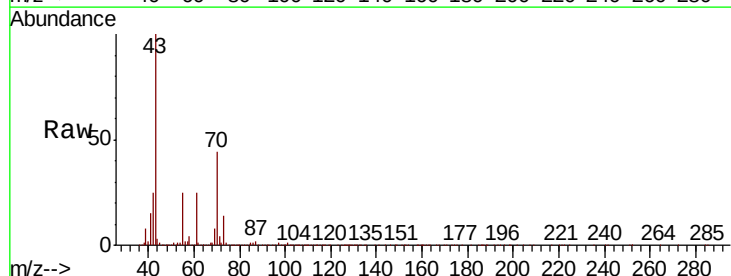
Ion Ratio Lower Upper

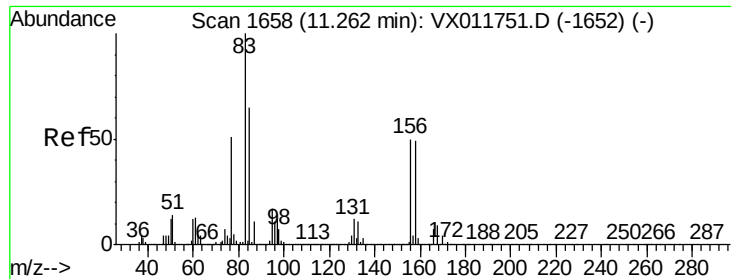
43 100

70 43.5 34.8 52.2

55 24.4 19.5 29.3

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.219 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

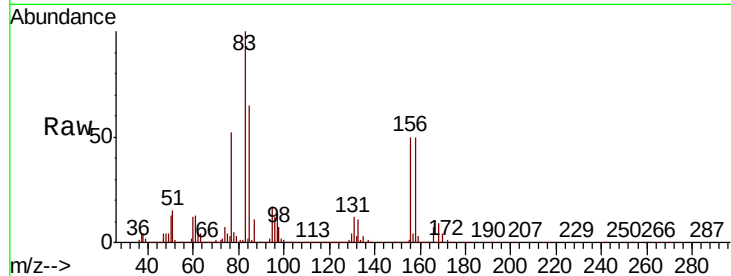
Tgt Ion: 83 Resp: 268623

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

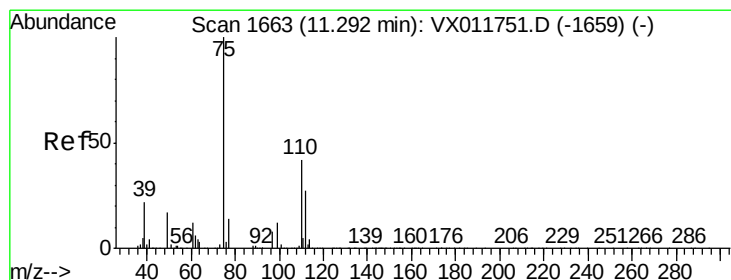
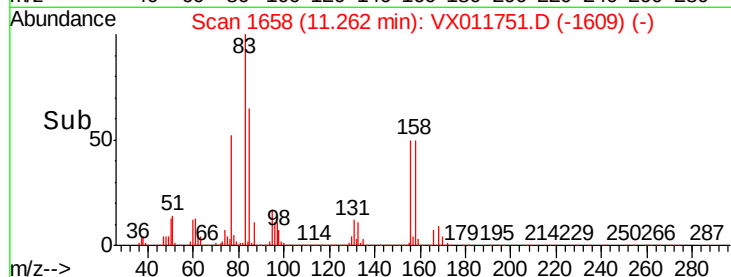
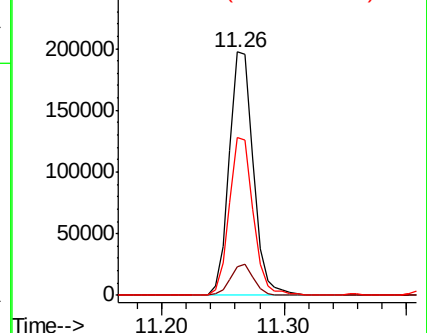
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.187 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011751.D

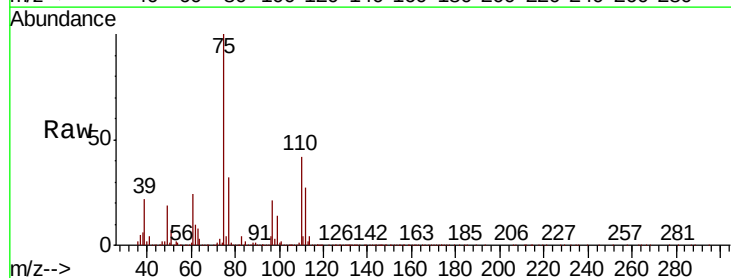
Acq: 22 Aug 2019 10:06

Tgt Ion: 75 Resp: 317461

Ion Ratio Lower Upper

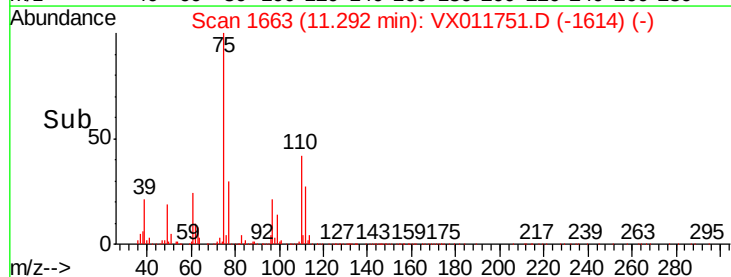
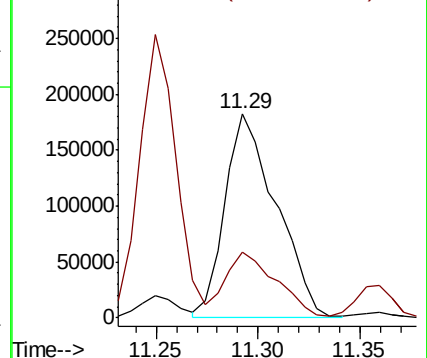
75 100

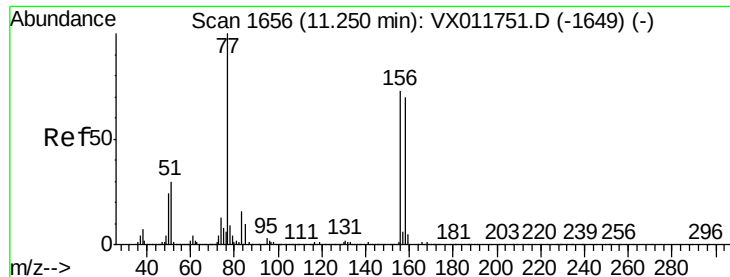
77 32.2 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.820 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

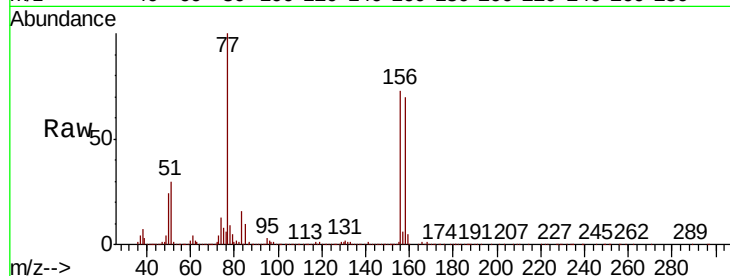
Tgt Ion:156 Resp: 242055

Ion Ratio Lower Upper

156 100

77 130.7 65.3 196.0

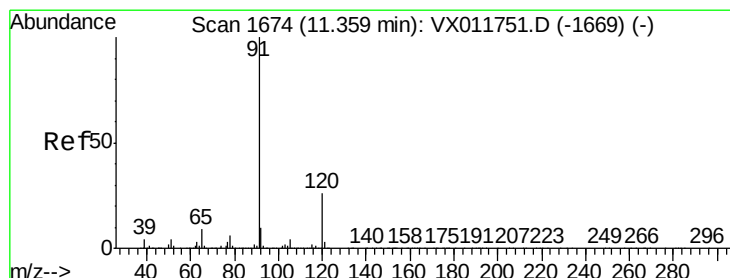
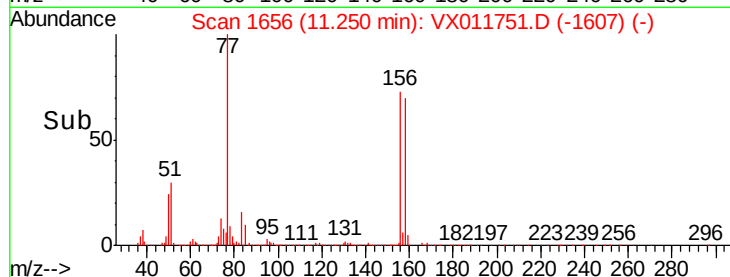
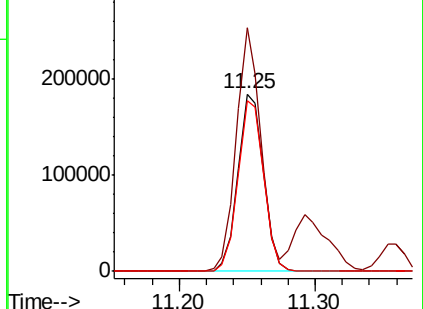
158 96.7 48.4 145.0



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: 48.928 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011751.D

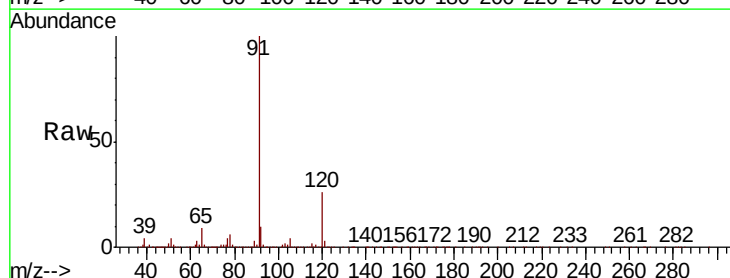
Acq: 22 Aug 2019 10:06

Tgt Ion: 91 Resp: 941840

Ion Ratio Lower Upper

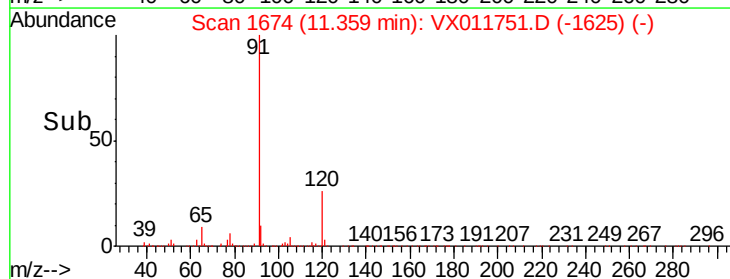
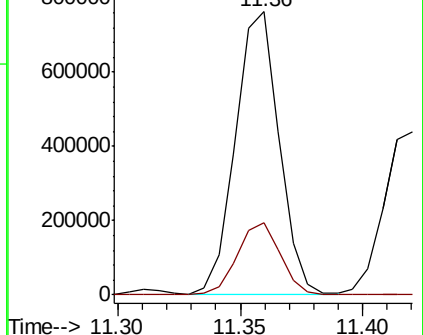
91 100

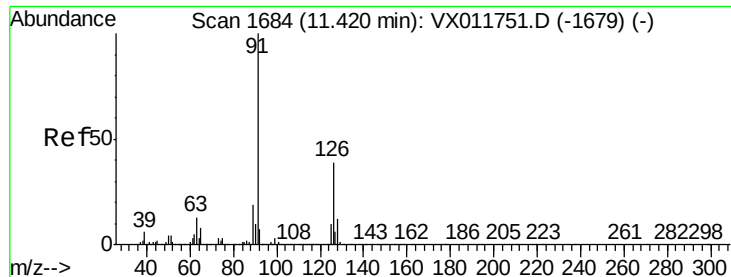
120 25.4 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.064 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

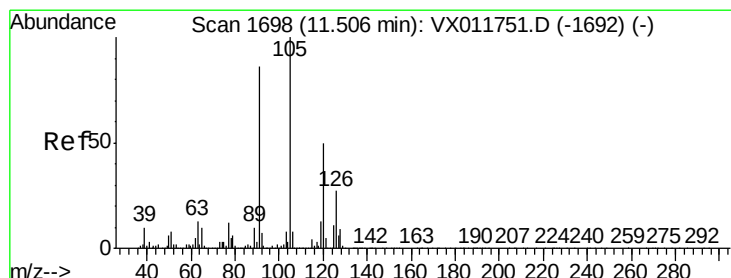
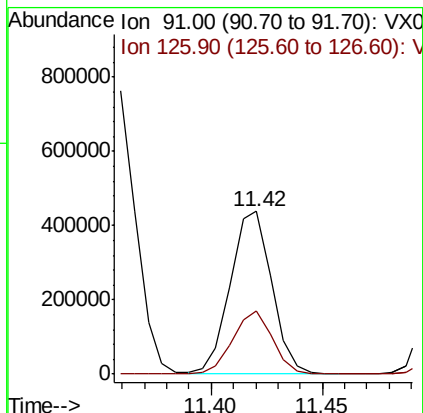
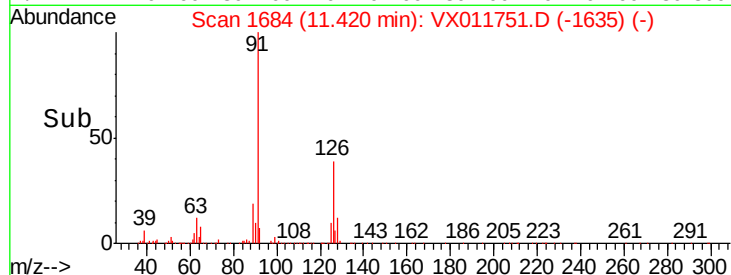
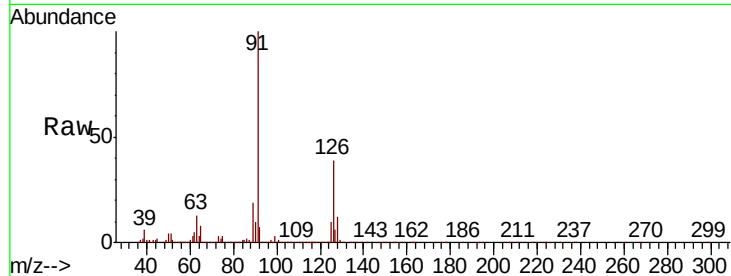
VSTDICCC050

Tgt Ion: 91 Resp: 567458

Ion Ratio Lower Upper

91 100

126 37.1 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 48.705 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011751.D

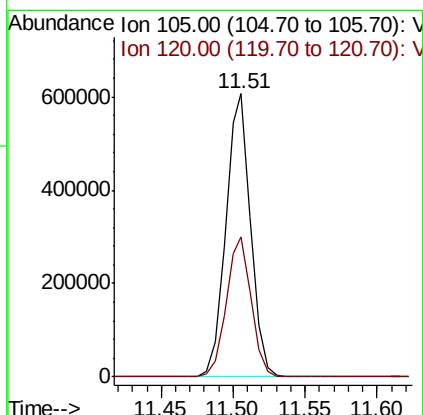
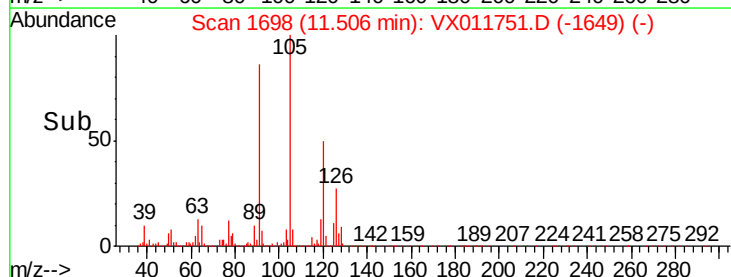
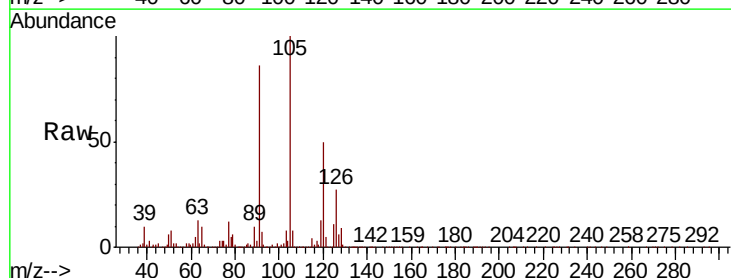
Acq: 22 Aug 2019 10:06

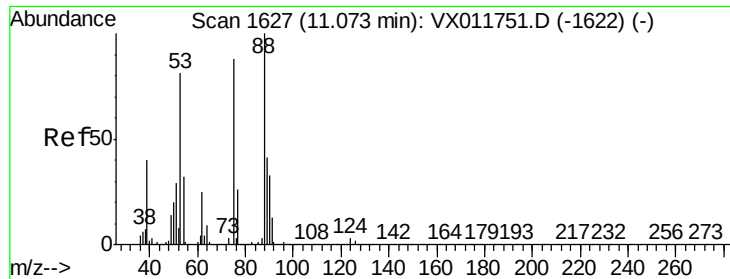
Tgt Ion: 105 Resp: 730563

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.444 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

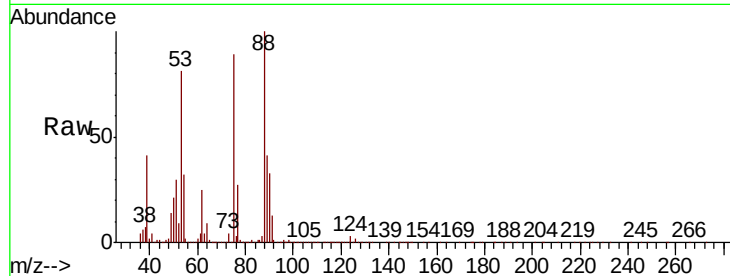
Tgt Ion: 75 Resp: 86447

Ion Ratio Lower Upper

75 100

53 96.4 77.1 115.7

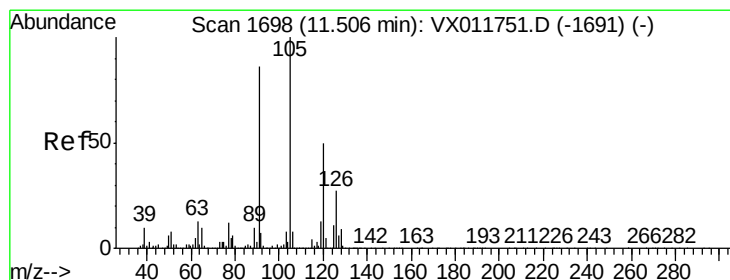
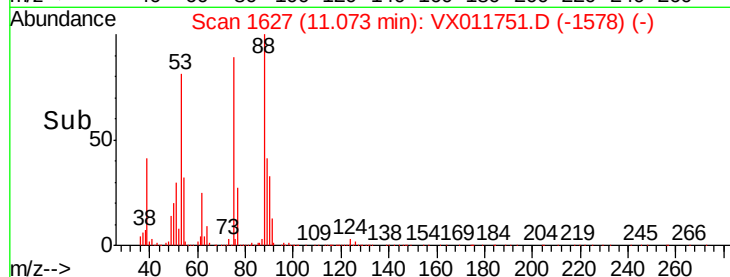
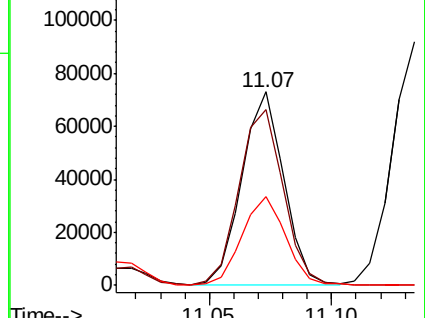
89 48.1 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011751.D

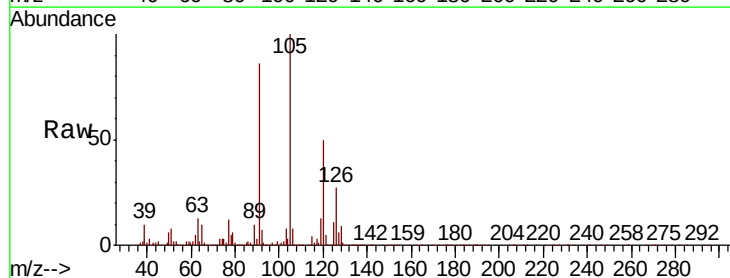
Acq: 22 Aug 2019 10:06

Tgt Ion: 91 Resp: 657435

Ion Ratio Lower Upper

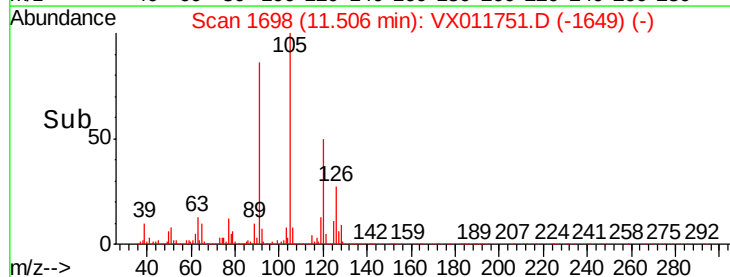
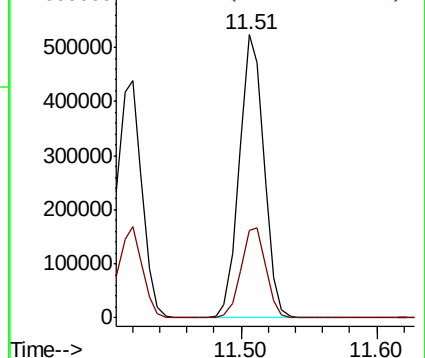
91 100

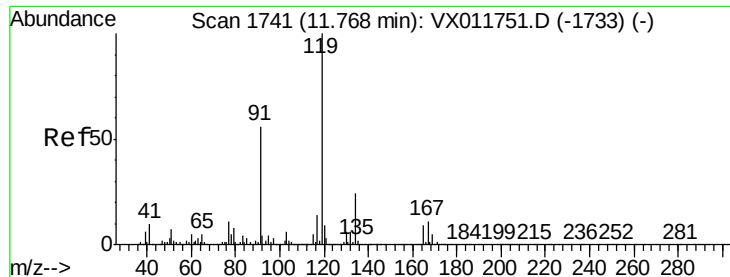
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

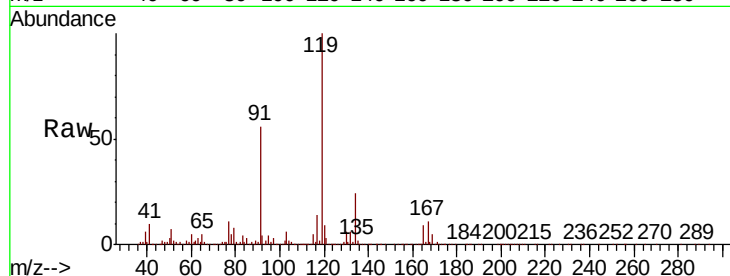




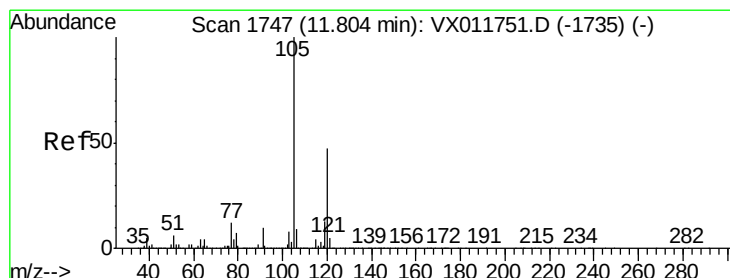
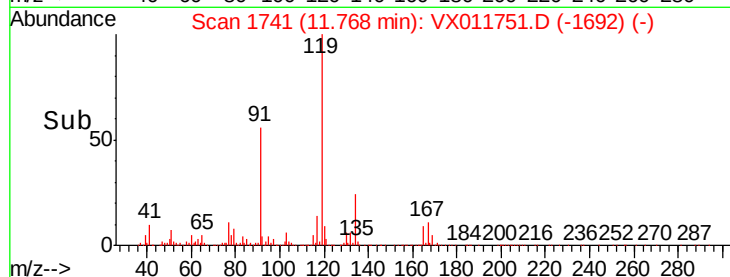
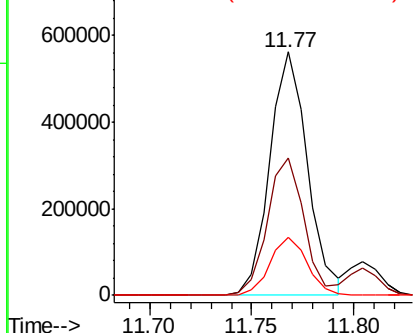
#83
 tert-Butylbenzene
 Concen: 47.658 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.7	83.1
134	23.5	11.8	35.3

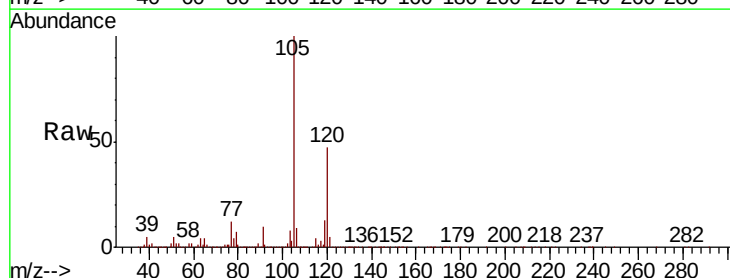


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

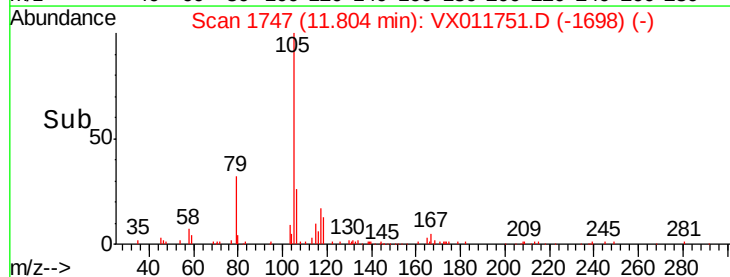
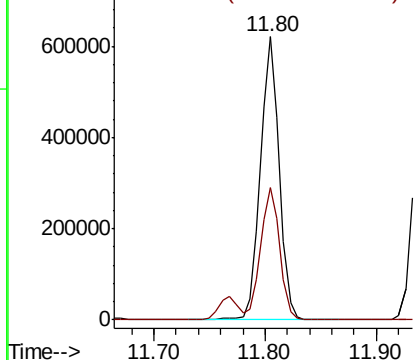


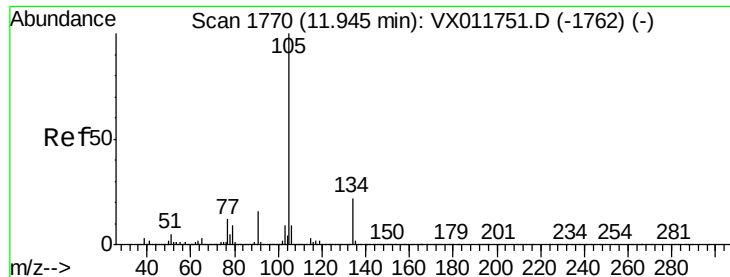
#84
 1,2,4-Trimethylbenzene
 Concen: 48.954 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.7	71.1



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





#85

sec-Butylbenzene

Concen: 46.769 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

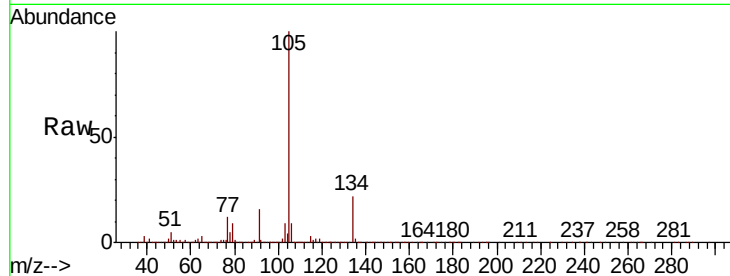
VSTDICCC050

Tgt Ion:105 Resp: 800151

Ion Ratio Lower Upper

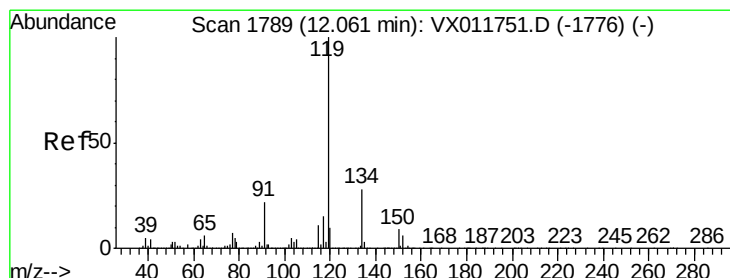
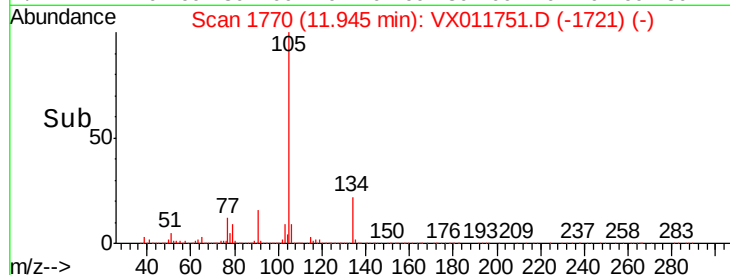
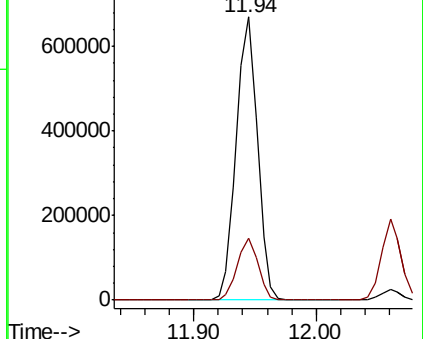
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.196 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

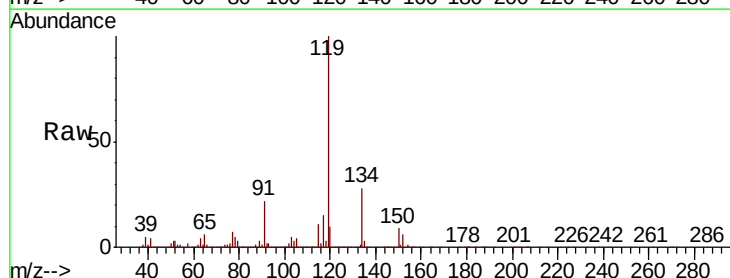
Tgt Ion:119 Resp: 796099

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

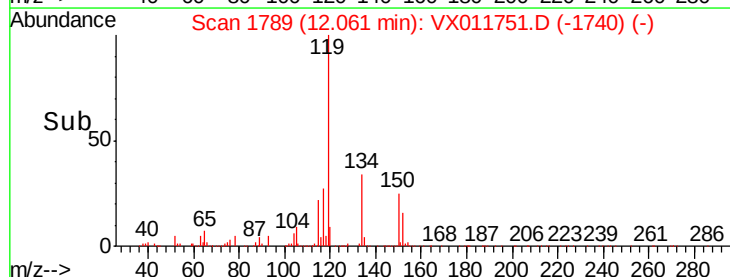
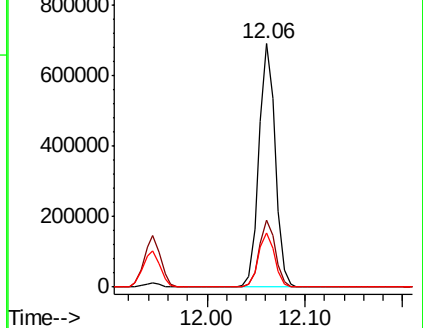
91 22.2 11.1 33.3

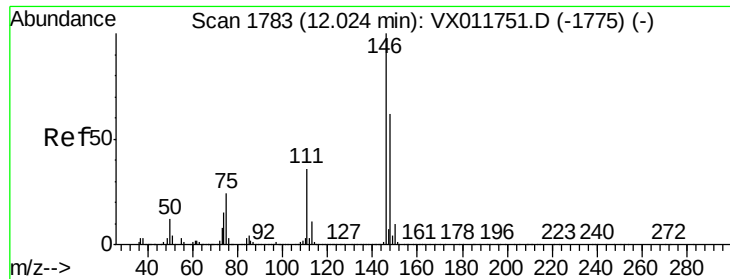


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

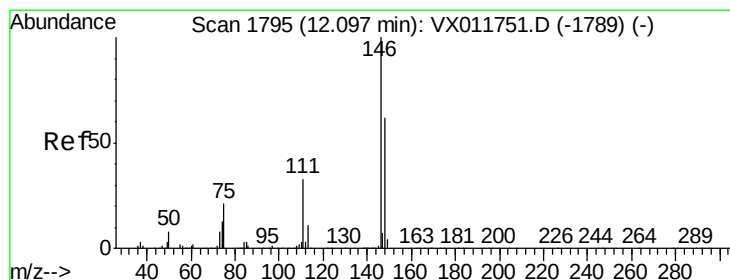
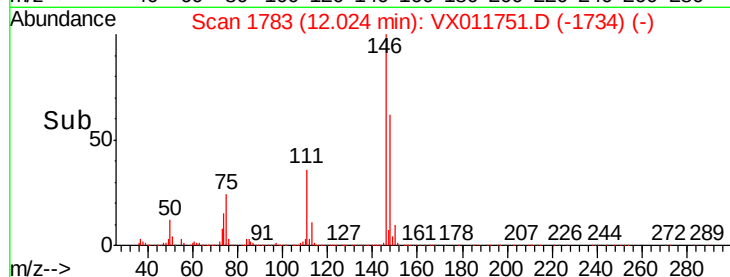
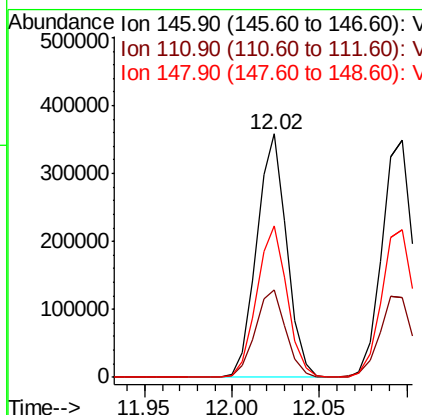
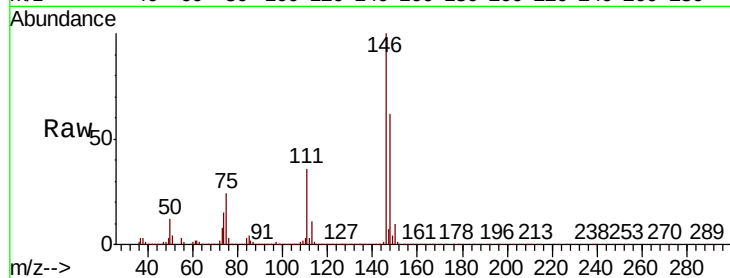




#87
 1,3-Dichlorobenzene
 Concen: 47.224 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

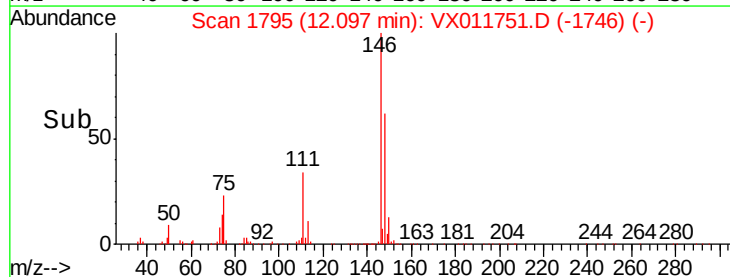
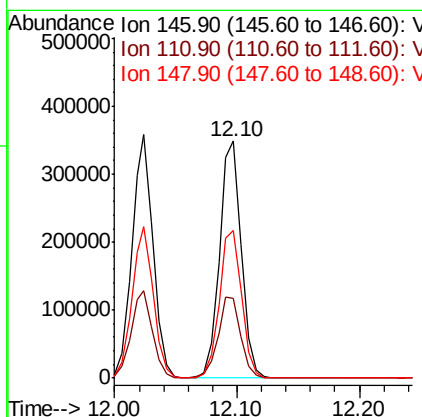
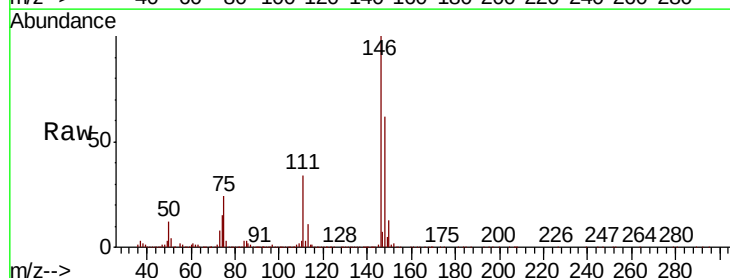
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

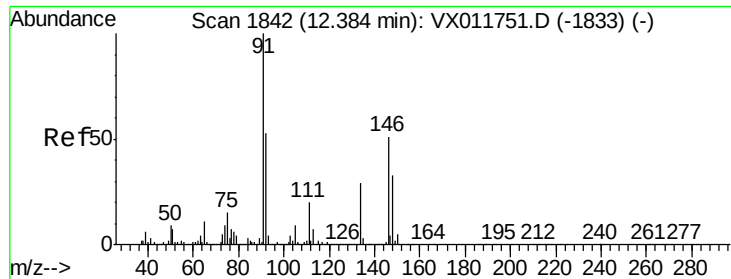
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	63.1	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 46.522 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.8	53.4
148	63.8	31.9	95.7

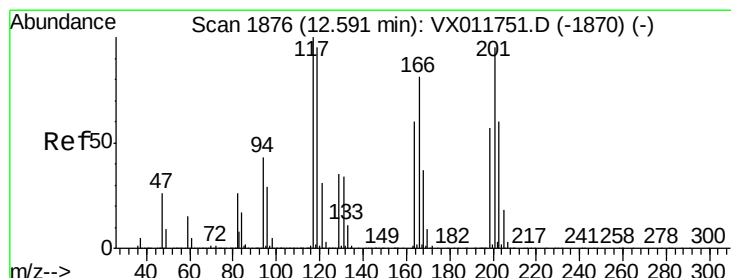
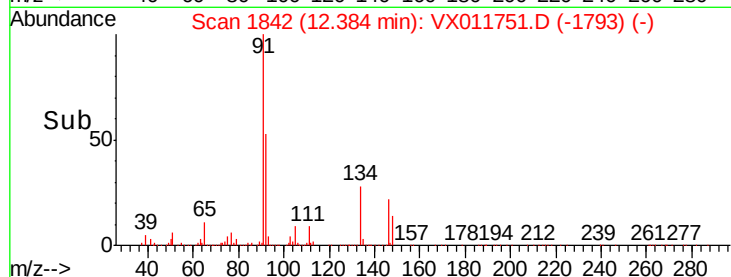
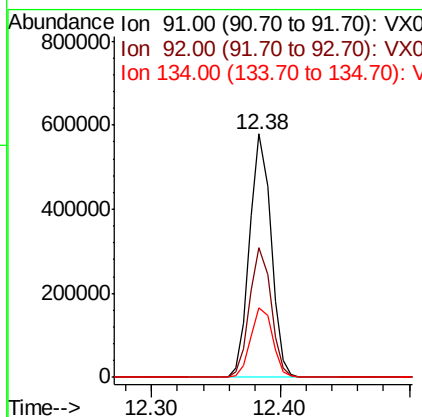
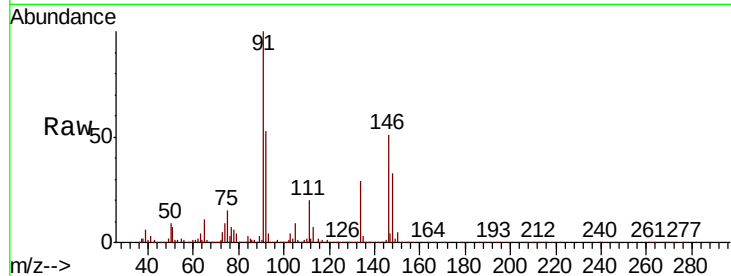




#89
n-Butylbenzene
Concen: 49.530 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

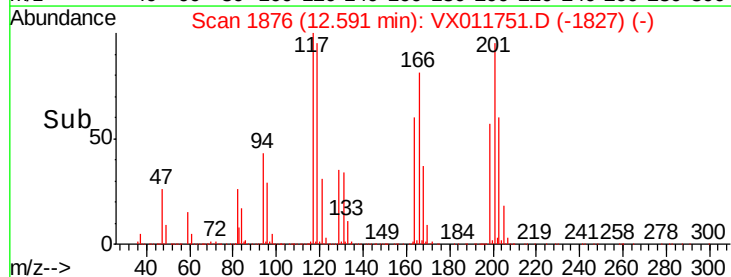
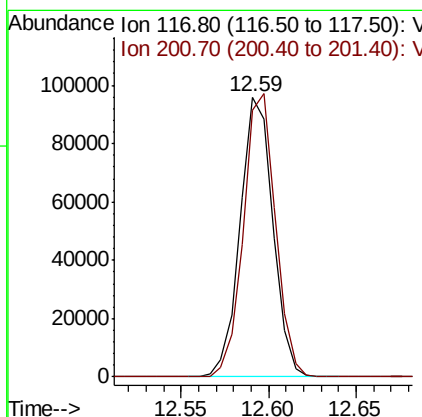
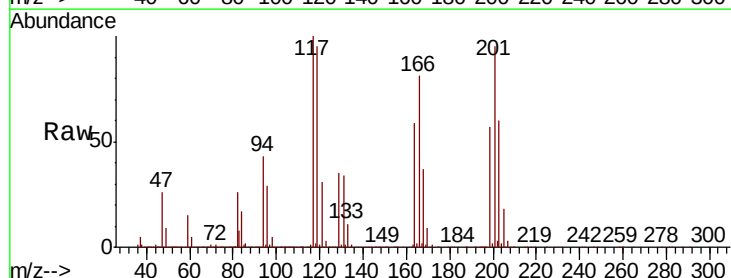
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

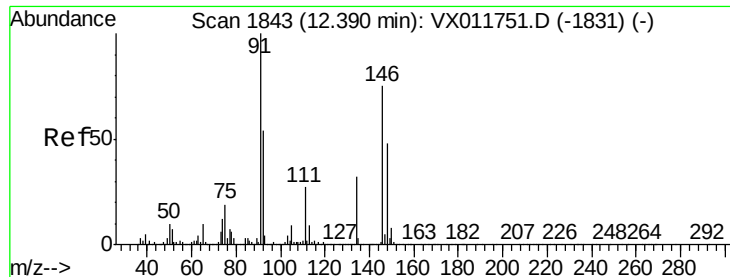
Tgt Ion: 91 Resp: 659850
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 29.2 14.6 43.8



#90
Hexachloroethane
Concen: 48.701 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011751.D
Acq: 22 Aug 2019 10:06

Tgt Ion: 117 Resp: 124586
Ion Ratio Lower Upper
117 100
201 99.3 49.6 149.0

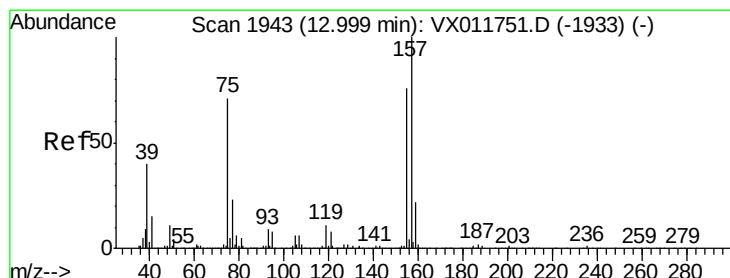
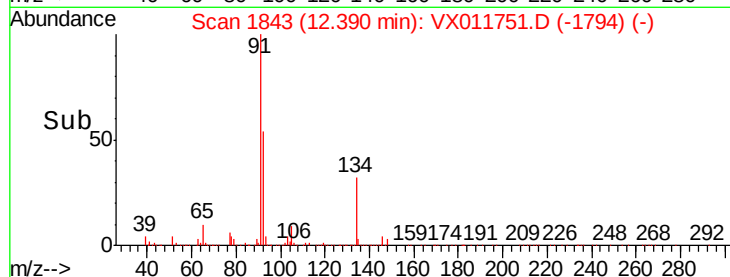
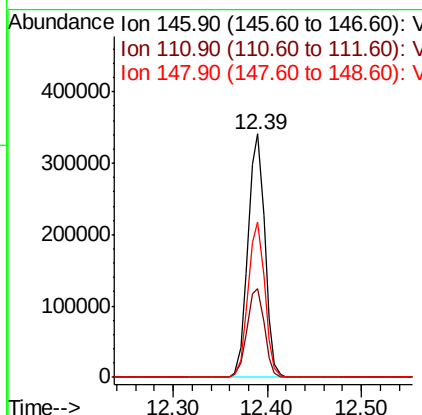
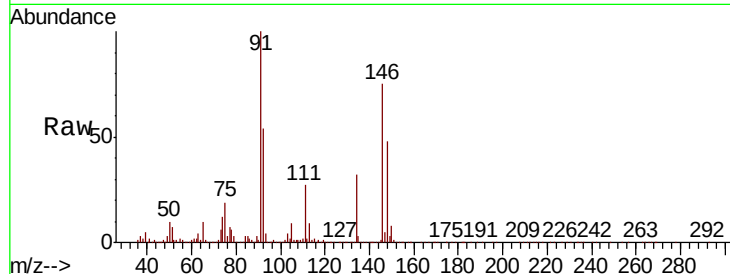




#91
 1,2-Dichlorobenzene
 Concen: 46.783 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

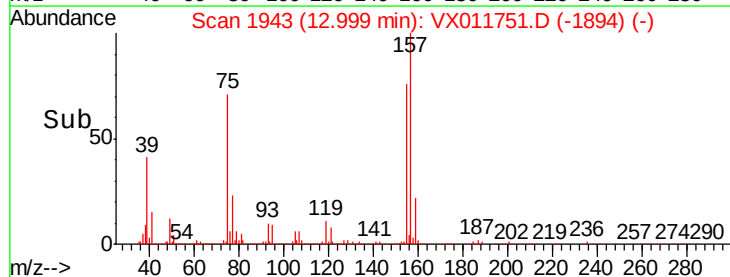
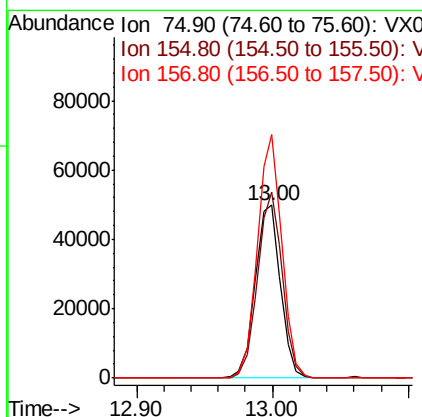
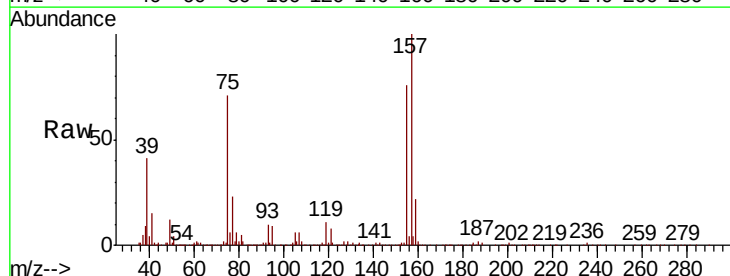
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

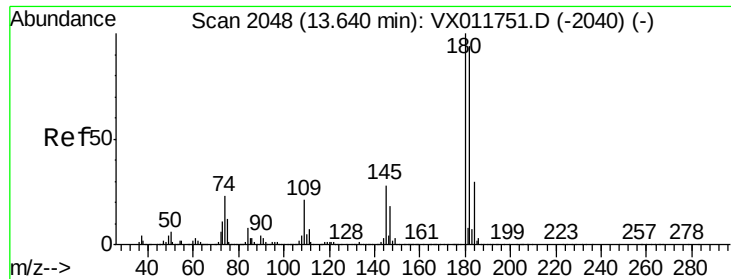
Tgt Ion: 146 Resp: 427902
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.361 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion: 75 Resp: 64998
 Ion Ratio Lower Upper
 75 100
 155 105.3 52.6 157.9
 157 136.6 68.3 204.9

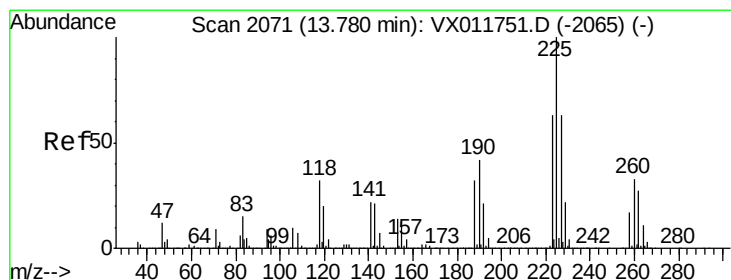
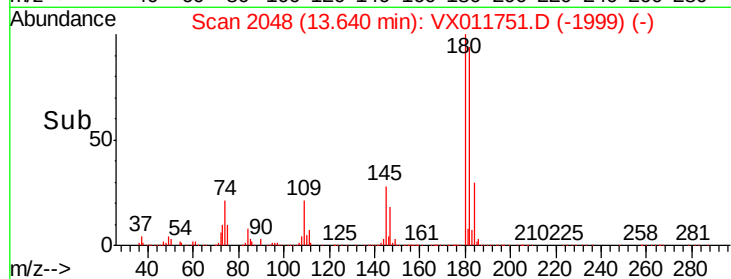
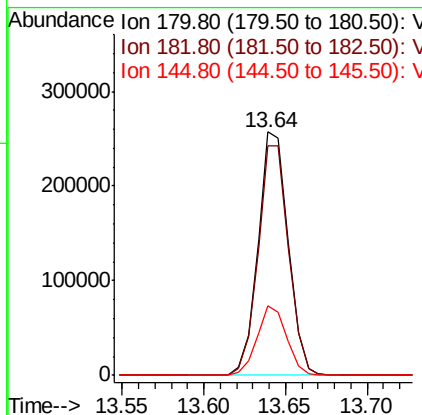
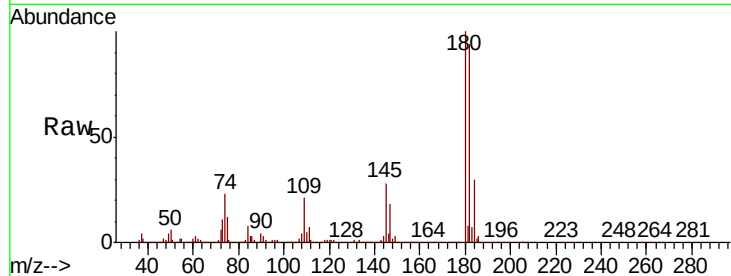




#93
 1,2,4-Trichlorobenzene
 Concen: 48.176 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

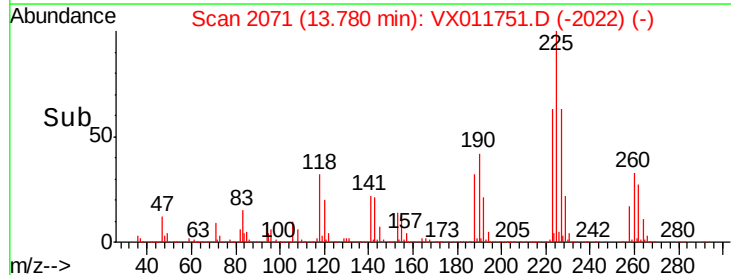
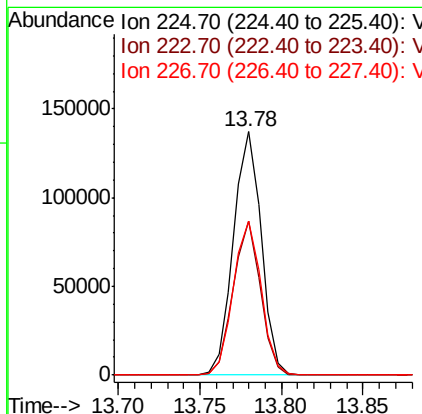
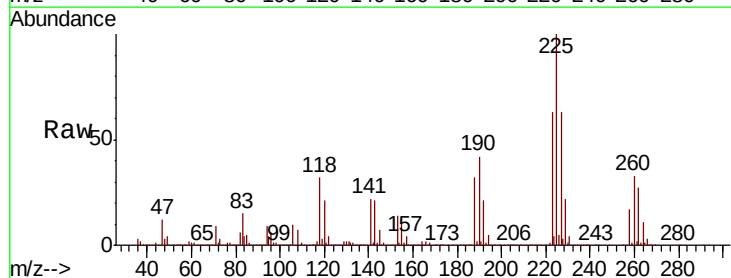
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

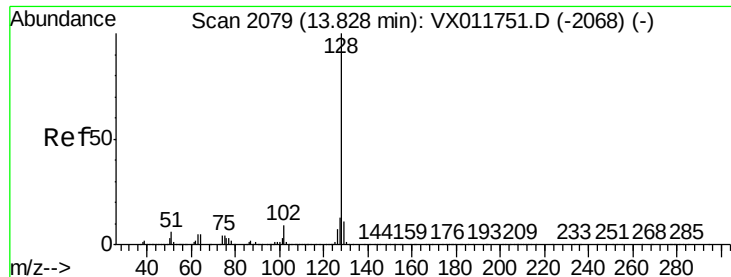
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	28.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 44.376 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011751.D
 Acq: 22 Aug 2019 10:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	63.5	31.8	95.3





#95

Naphthalene

Concen: 47.724 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

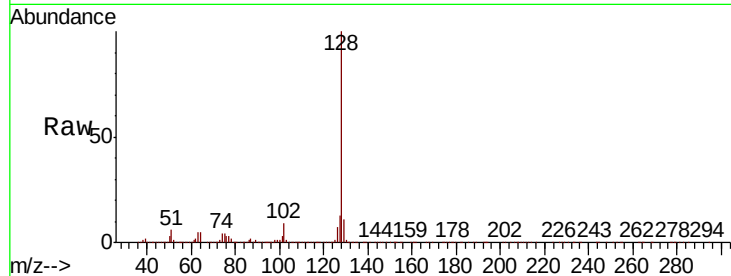
Tgt Ion:128 Resp: 911040

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

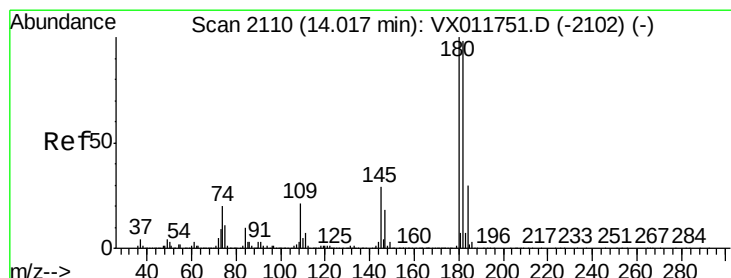
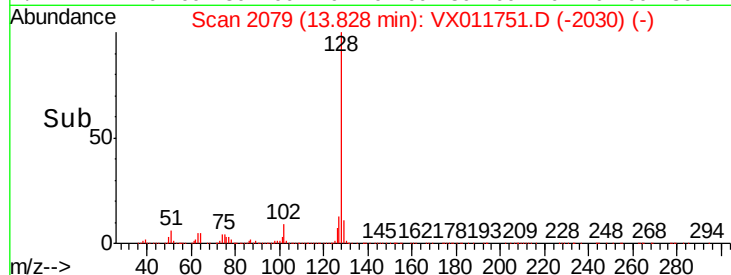
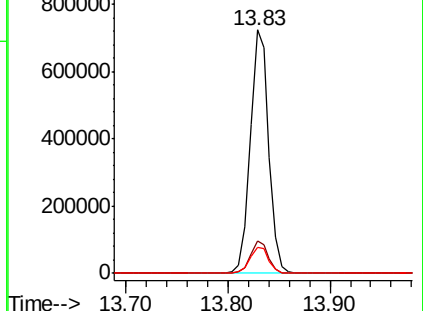
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.719 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011751.D

Acq: 22 Aug 2019 10:06

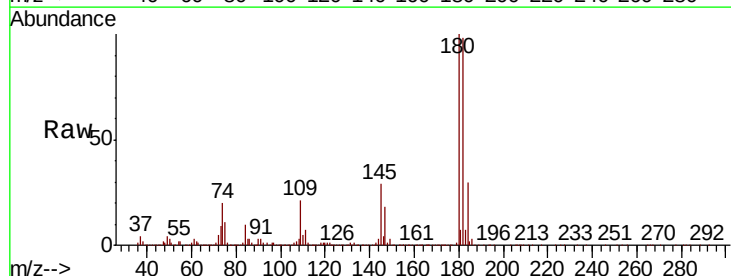
Tgt Ion:180 Resp: 327284

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.5

145 29.2 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

