

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011643.D
 Acq On : 19 Aug 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 09:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	359278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	473231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	433923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161889	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	5.49	113	151008	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.71	98	485257	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	204404	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	184934	52.367	ug/l	99
3) Chloromethane	1.32	50	160583	43.780	ug/l	100
4) Vinyl Chloride	1.40	62	161268	48.672	ug/l	98
5) Bromomethane	1.63	94	80107	53.957	ug/l	99
6) Chloroethane	1.71	64	82361	52.520	ug/l	97
7) Trichlorofluoromethane	1.92	101	237852	51.827	ug/l	99
8) Diethyl Ether	2.18	74	80291	51.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153742	48.501	ug/l	100
10) Methyl Iodide	2.50	142	213394	47.256	ug/l	99
11) Tert butyl alcohol	3.04	59	206499	252.631	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145953	47.644	ug/l	98
13) Acrolein	2.29	56	64814	257.325	ug/l	98
14) Allyl chloride	2.72	41	255513	50.140	ug/l	99
15) Acrylonitrile	3.14	53	481275	257.260	ug/l	100
16) Acetone	2.43	43	404758	241.602	ug/l	99
17) Carbon Disulfide	2.56	76	344752	47.759	ug/l	98
18) Methyl Acetate	2.76	43	275261	52.979	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	521991	52.319	ug/l	99
20) Methylene Chloride	2.85	84	168931	48.025	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	159685	49.190	ug/l	98
22) Diisopropyl ether	3.85	45	517288	50.971	ug/l	99
23) Vinyl Acetate	3.81	43	2093557	260.510	ug/l	99
24) 1,1-Dichloroethane	3.69	63	284712	49.620	ug/l	100
25) 2-Butanone	4.67	43	668902	254.327	ug/l	97
26) 2,2-Dichloropropane	4.57	77	206391	47.792	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	188608	49.838	ug/l	99
28) Bromochloromethane	5.01	49	119072	47.273	ug/l	100
29) Tetrahydrofuran	5.12	42	441407	255.849	ug/l	100
30) Chloroform	5.20	83	301208	49.741	ug/l	98
31) Cyclohexane	5.57	56	250742	50.755	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	266560	51.194	ug/l	99
36) 1,1-Dichloropropene	5.79	75	216713	53.561	ug/l	99
37) Ethyl Acetate	4.82	43	249493	53.611	ug/l	99
38) Carbon Tetrachloride	5.78	117	234667	52.643	ug/l	100

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 QLast Update : Fri Aug 16 04:15:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	263027	52.641	ug/l	98
40) Benzene	6.13	78	642402	51.092	ug/l	100
41) Methacrylonitrile	5.03	41	141331	55.180	ug/l	99
42) 1,2-Dichloroethane	6.18	62	234540	53.840	ug/l	98
43) Isopropyl Acetate	6.44	43	387519	53.357	ug/l	98
44) Trichloroethene	7.21	130	193362	51.840	ug/l	99
45) 1,2-Dichloropropane	7.51	63	168101	53.608	ug/l	98
46) Dibromomethane	7.66	93	116913	51.307	ug/l	100
47) Bromodichloromethane	7.90	83	223570	53.435	ug/l	100
48) Methyl methacrylate	7.76	41	198778	55.268	ug/l	99
49) 1,4-Dioxane	7.74	88	97464	1018.845	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1300718	273.619	ug/l	100
52) Toluene	8.78	92	408480	50.994	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	228929	52.721	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	265205	55.808	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	167464	49.161	ug/l	98
56) Ethyl methacrylate	9.18	69	256934	51.895	ug/l	96
57) 1,3-Dichloropropane	9.37	76	266157	49.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	664338	269.298	ug/l	99
59) 2-Hexanone	9.49	43	933464	254.636	ug/l	99
60) Dibromochloromethane	9.58	129	186319	52.497	ug/l	99
61) 1,2-Dibromoethane	9.67	107	180618	49.682	ug/l	100
64) Tetrachloroethene	9.34	164	166958	46.895	ug/l	98
65) Chlorobenzene	10.13	112	469922	50.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	184346	53.290	ug/l	100
67) Ethyl Benzene	10.25	91	820742	53.136	ug/l	99
68) m/p-Xylenes	10.35	106	646911	109.110	ug/l	97
69) o-Xylene	10.69	106	313120	53.915	ug/l	98
70) Styrene	10.71	104	529699	54.179	ug/l	100
71) Bromoform	10.85	173	163167	48.634	ug/l #	99
73) Isopropylbenzene	11.02	105	836711	51.866	ug/l	99
74) N-amyl acetate	10.90	43	346736	50.577	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	275196	49.589	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	305800	64.867	ug/l	86
77) Bromobenzene	11.25	156	240156	50.037	ug/l	98
78) n-propylbenzene	11.36	91	911634	52.407	ug/l	99
79) 2-Chlorotoluene	11.42	91	549081	51.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	716306	52.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81371	47.049	ug/l	98
82) 4-Chlorotoluene	11.51	91	634765	51.222	ug/l	99
83) tert-Butylbenzene	11.77	119	722149	52.322	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	726957	53.434	ug/l	100
85) sec-Butylbenzene	11.94	105	814433	52.301	ug/l	100
86) p-Isopropyltoluene	12.06	119	781104	53.319	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	421807	51.129	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	425130	50.844	ug/l	99
89) n-Butylbenzene	12.38	91	637672	52.945	ug/l	100
90) Hexachloroethane	12.59	117	124411	53.779	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	425408	51.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63598	50.092	ug/l	98

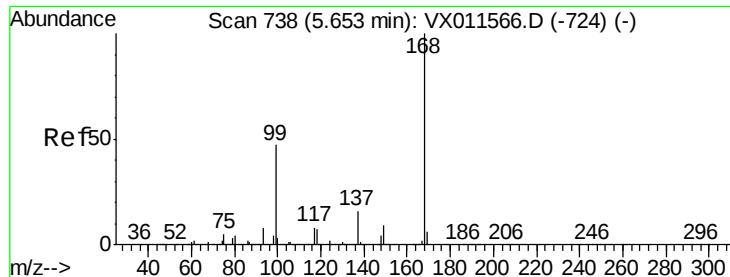
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326955	52.987	ug/l	99
94) Hexachlorobutadiene	13.78	225	170475	50.737	ug/l	99
95) Naphthalene	13.83	128	969661	55.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329338	52.917	ug/l	99

(#) = 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: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

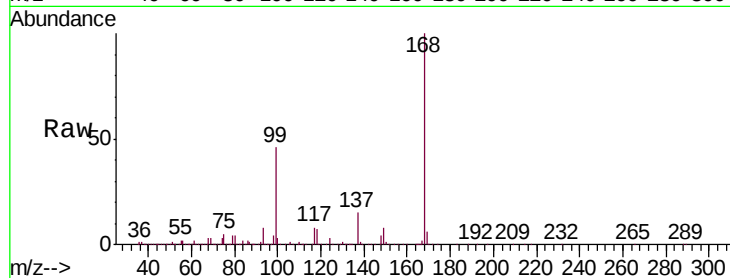
VSTDCCC050EC

Tgt Ion:168 Resp: 359278

Ion Ratio Lower Upper

168 100

99 45.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

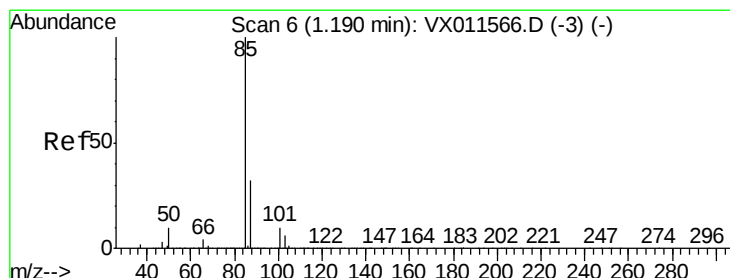
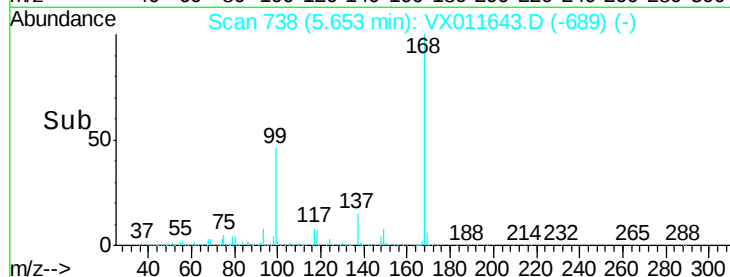
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.367 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011643.D

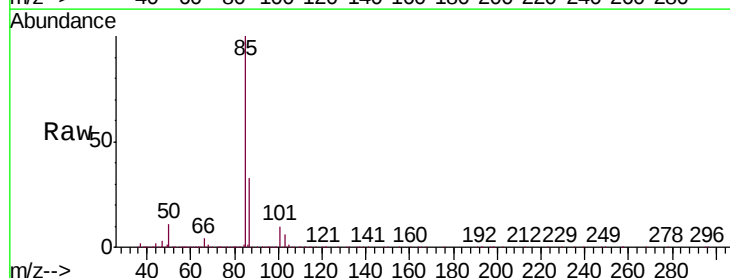
Acq: 19 Aug 2019 19:37

Tgt Ion: 85 Resp: 184934

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

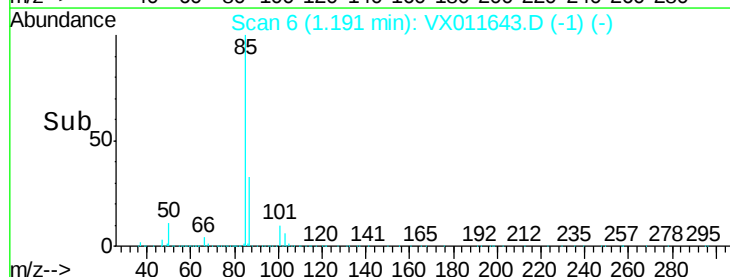
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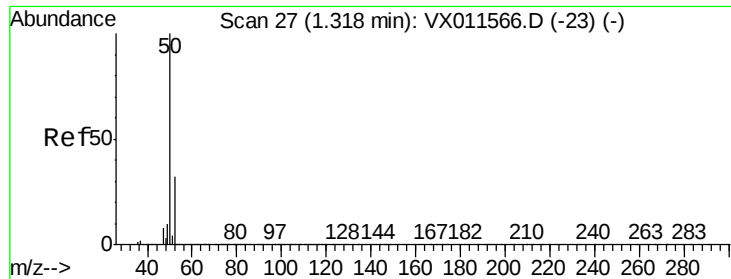
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.780 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

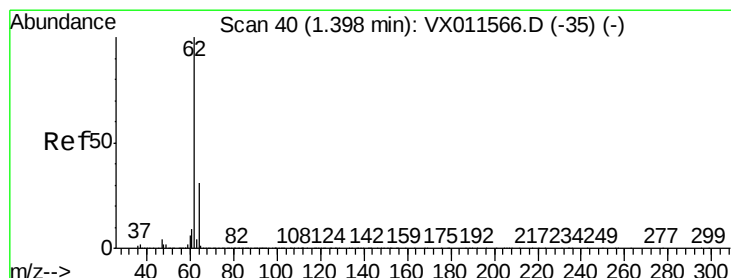
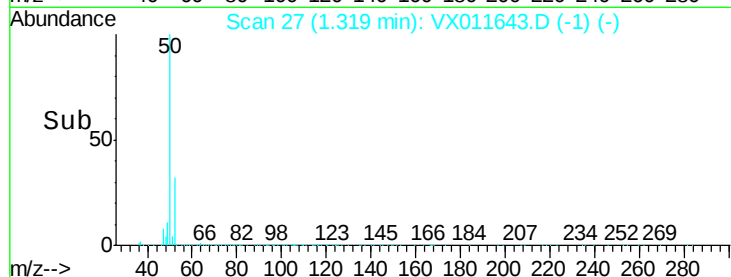
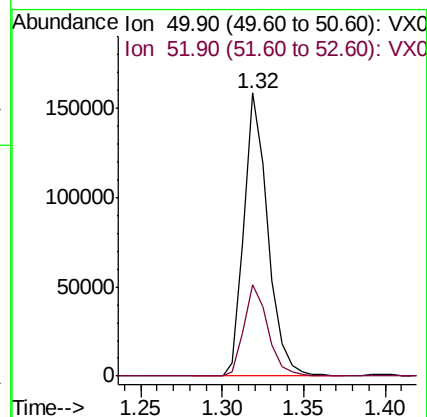
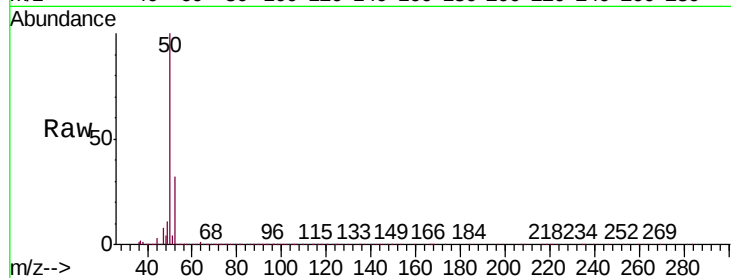
VSTDCCC050EC

Tgt Ion: 50 Resp: 160583

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 48.672 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011643.D

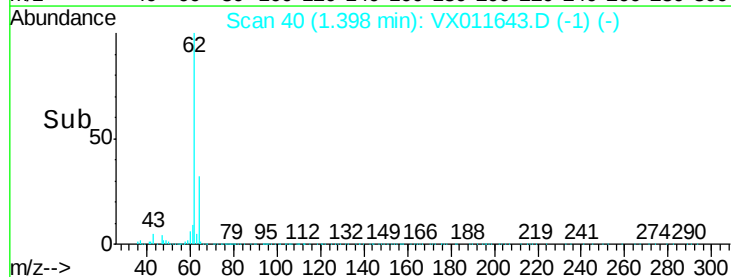
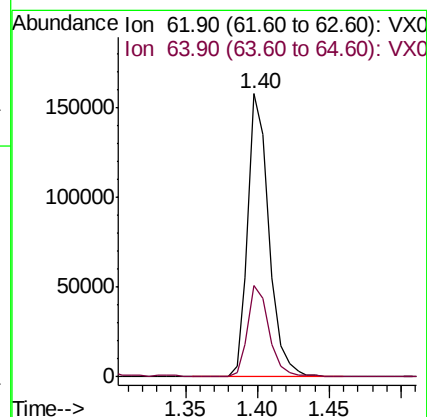
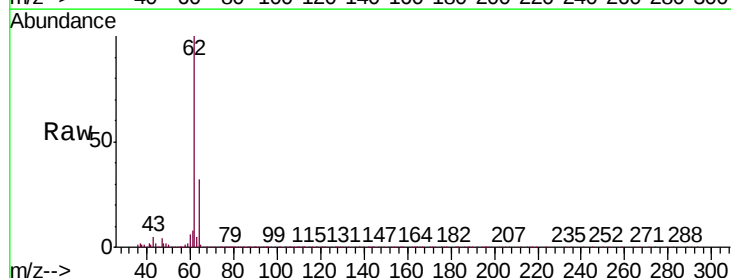
Acq: 19 Aug 2019 19:37

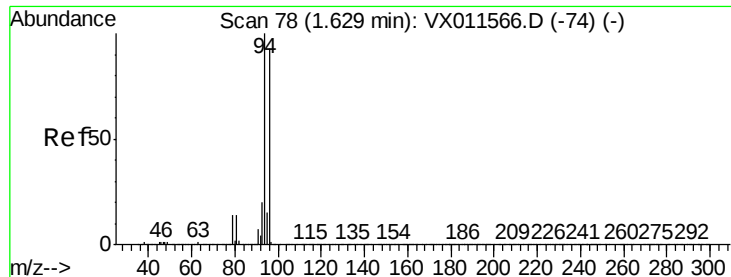
Tgt Ion: 62 Resp: 161268

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 53.957 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

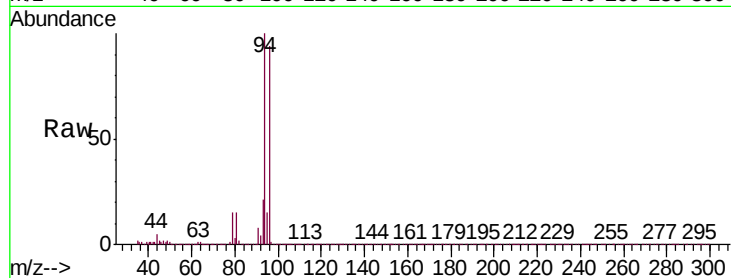
VSTDCCC050EC

Tgt Ion: 94 Resp: 80107

Ion Ratio Lower Upper

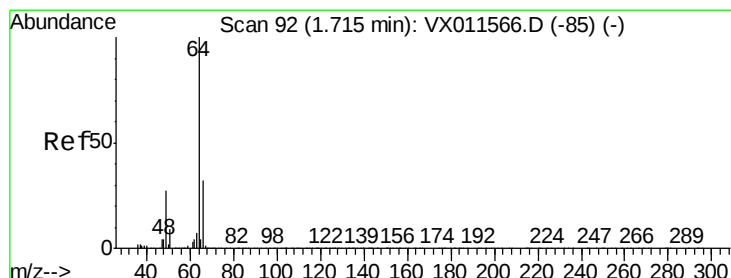
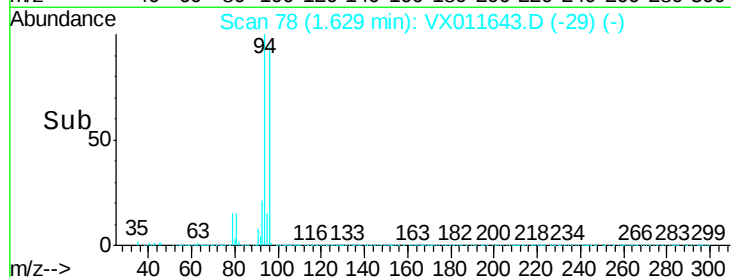
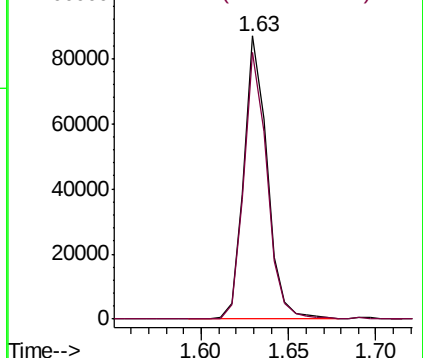
94 100

96 94.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.520 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011643.D

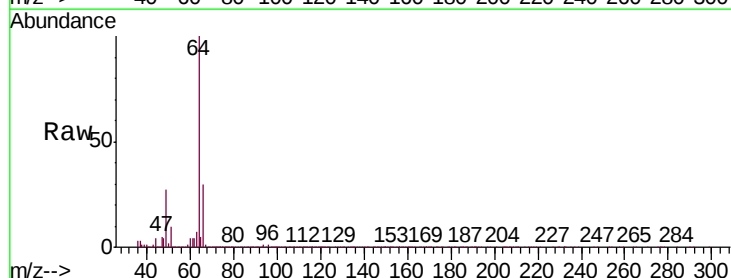
Acq: 19 Aug 2019 19:37

Tgt Ion: 64 Resp: 82361

Ion Ratio Lower Upper

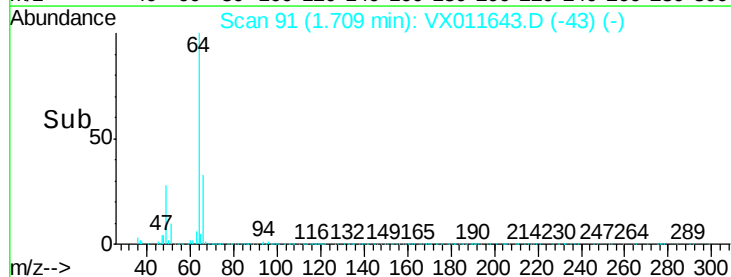
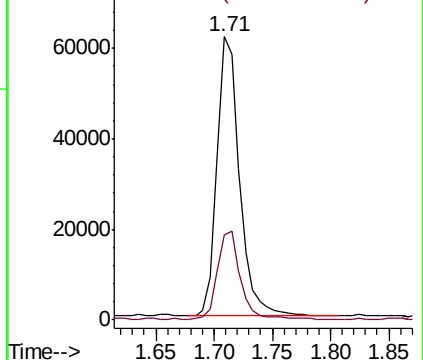
64 100

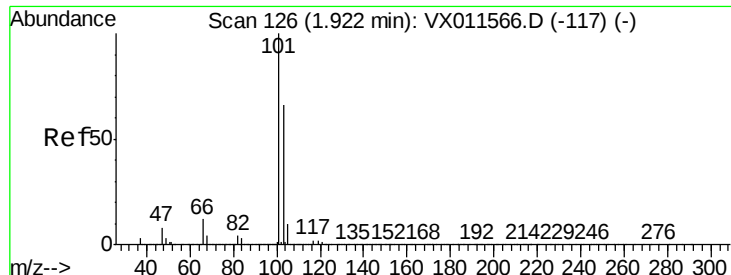
66 30.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



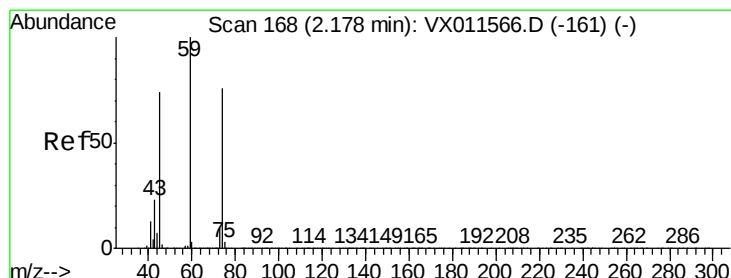
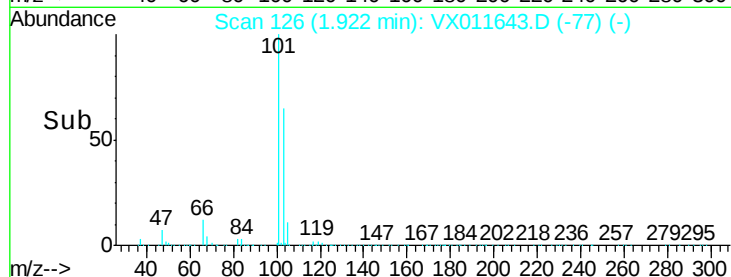
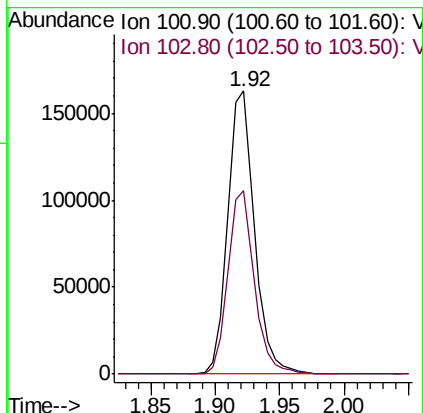
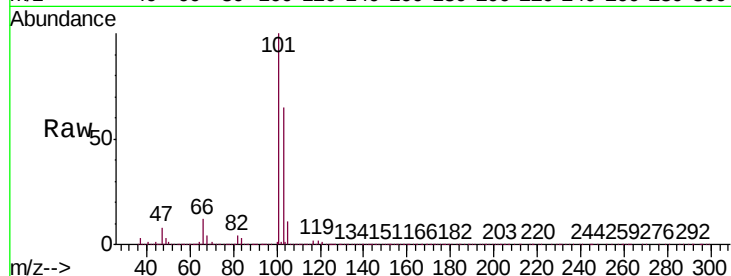


#7

Trichlorofluoromethane
Concen: 51.827 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Instrument :
MSVOA_X
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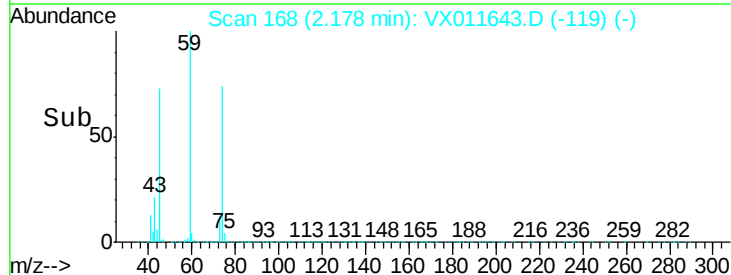
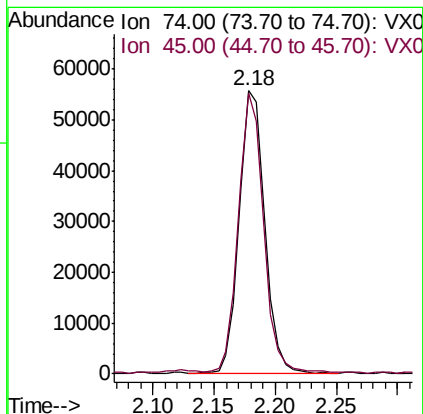
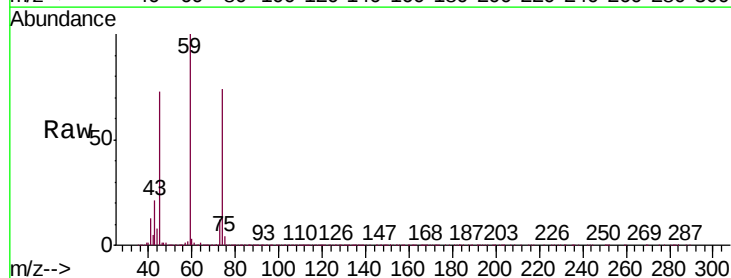
Tgt Ion:101 Resp: 237852
Ion Ratio Lower Upper
101 100
103 65.0 52.9 79.3

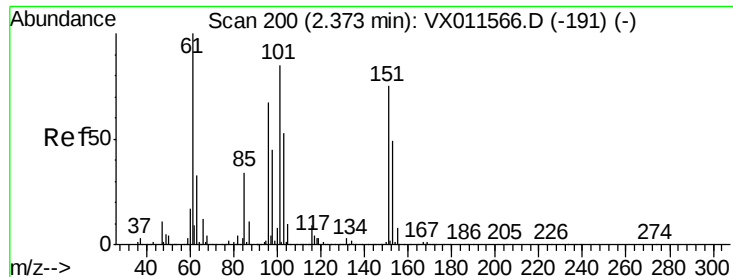


#8

Diethyl Ether
Concen: 51.001 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 74 Resp: 80291
Ion Ratio Lower Upper
74 100
45 96.3 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.501 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

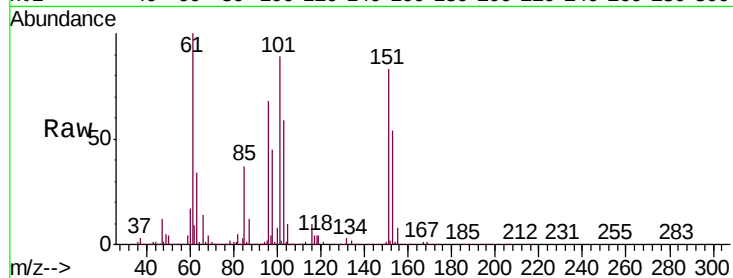
Tgt Ion:101 Resp: 153742

Ion Ratio Lower Upper

101 100

85 41.4 33.0 49.4

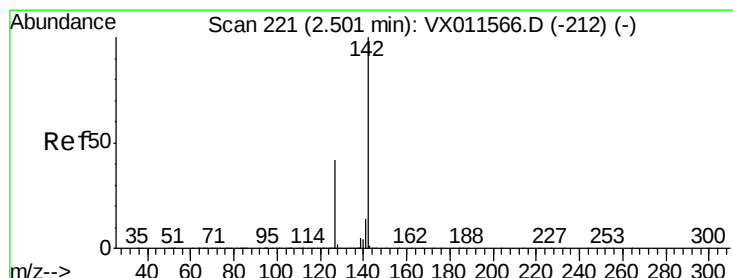
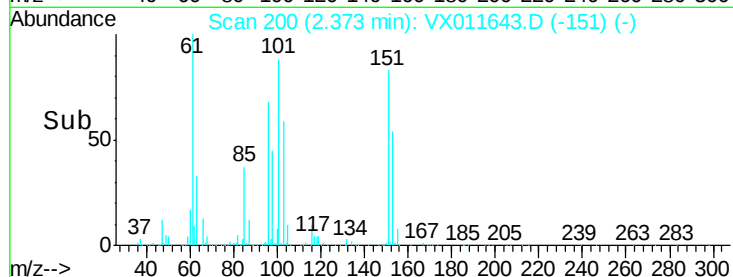
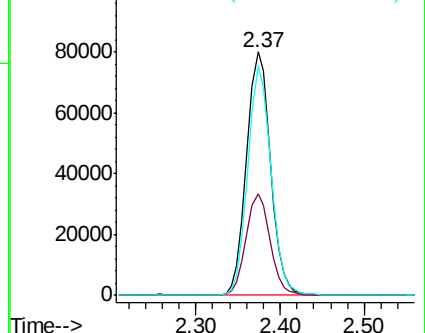
151 91.2 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.256 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

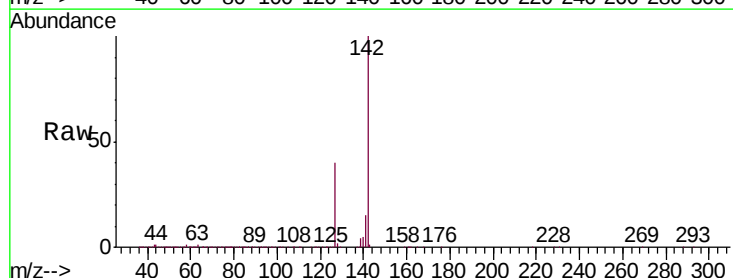
Tgt Ion:142 Resp: 213394

Ion Ratio Lower Upper

142 100

127 40.5 32.8 49.2

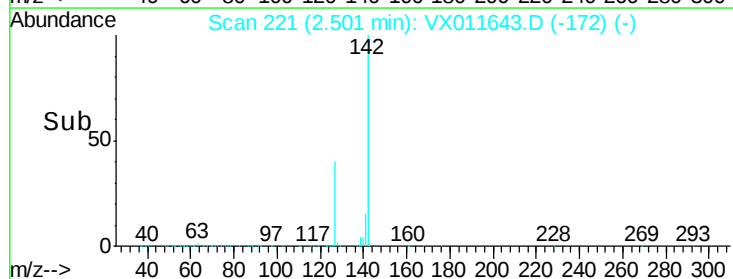
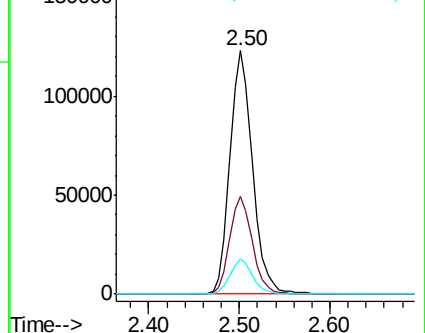
141 14.6 11.4 17.2

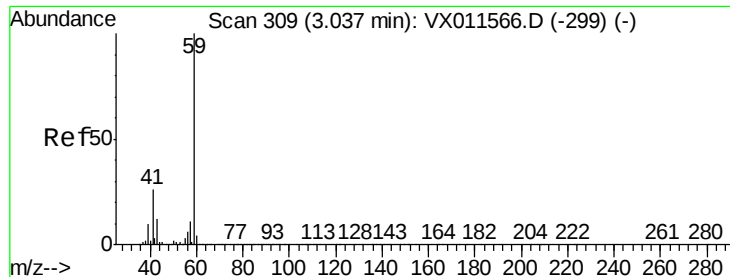


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

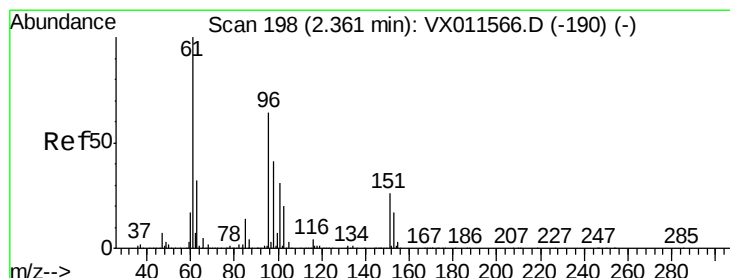
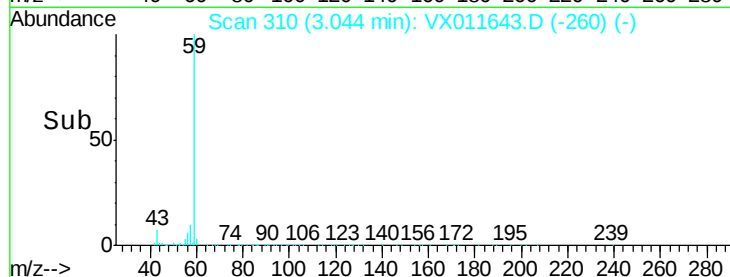
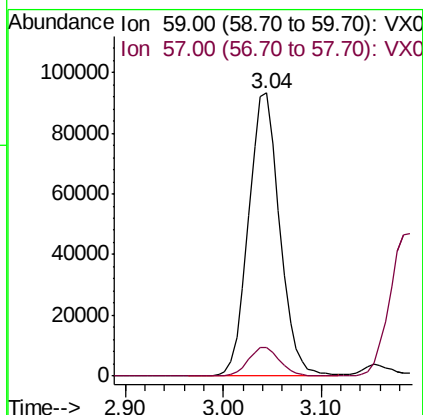
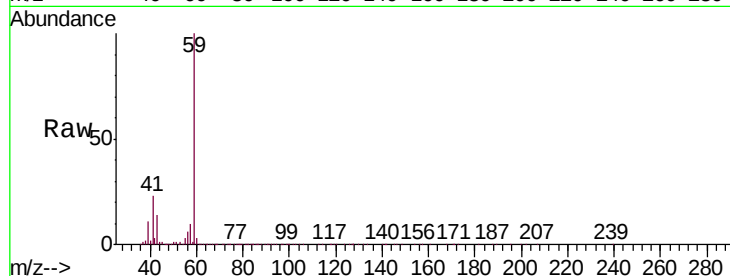




#11
Tert butyl alcohol
Concen: 252.631 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

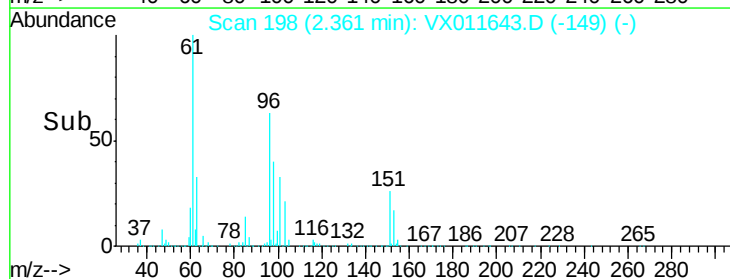
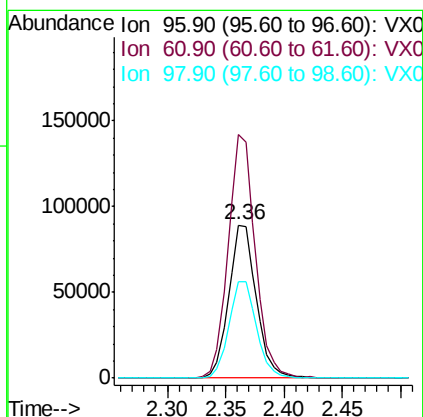
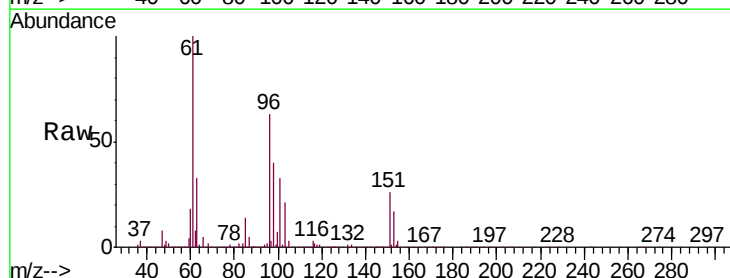
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

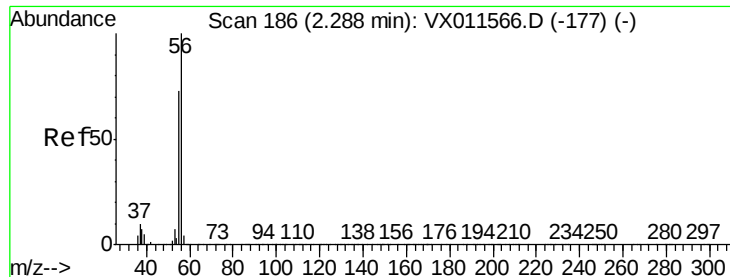
Tgt Ion: 59 Resp: 206499
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#12
1,1-Dichloroethene
Concen: 47.644 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 96 Resp: 145953
Ion Ratio Lower Upper
96 100
61 158.9 125.0 187.4
98 63.2 51.5 77.3





#13

Acrolein

Concen: 257.325 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

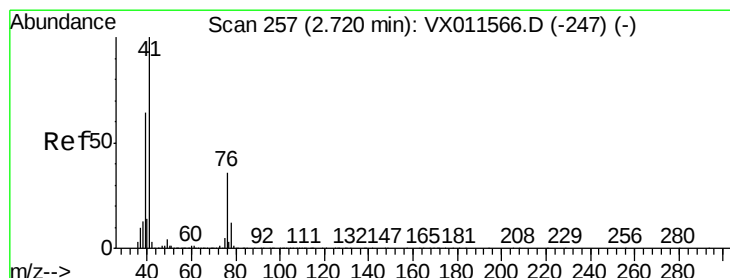
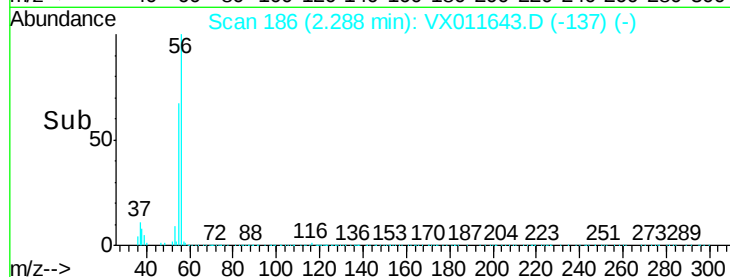
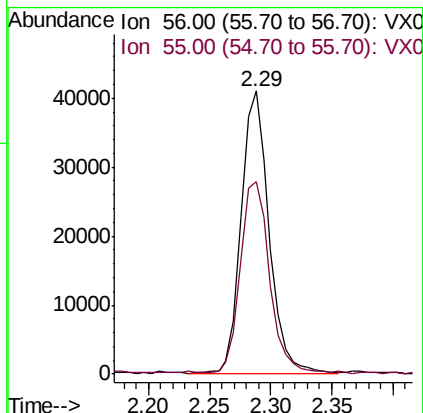
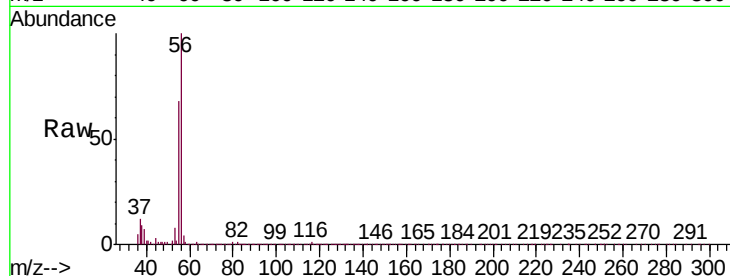
VSTDCCC050EC

Tgt Ion: 56 Resp: 64814

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



#14

Allyl chloride

Concen: 50.140 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

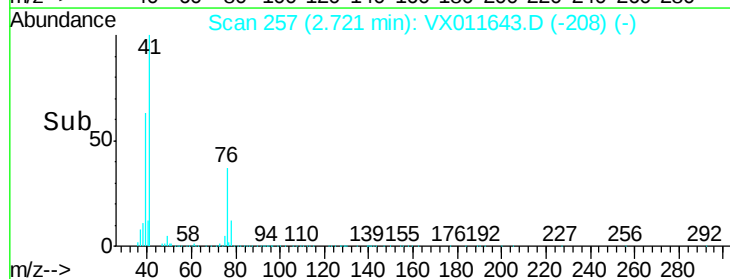
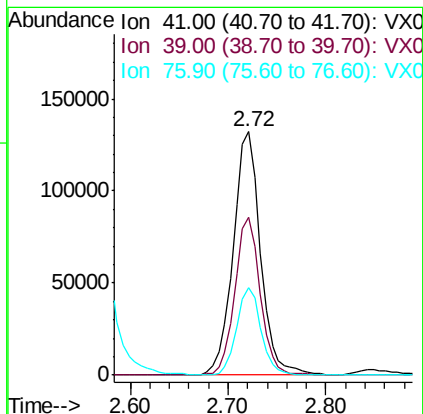
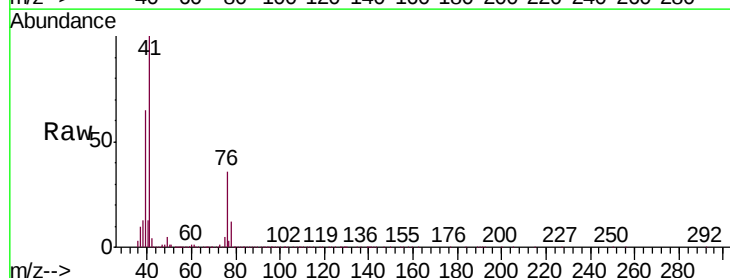
Tgt Ion: 41 Resp: 255513

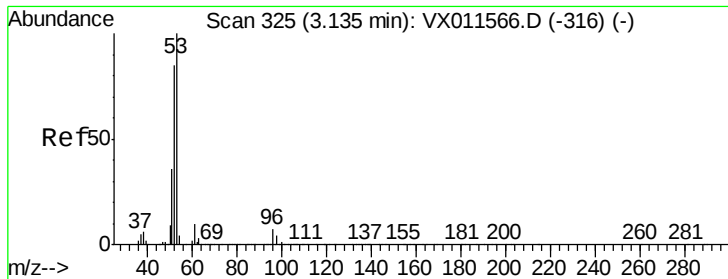
Ion Ratio Lower Upper

41 100

39 60.4 47.5 71.3

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 257.260 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

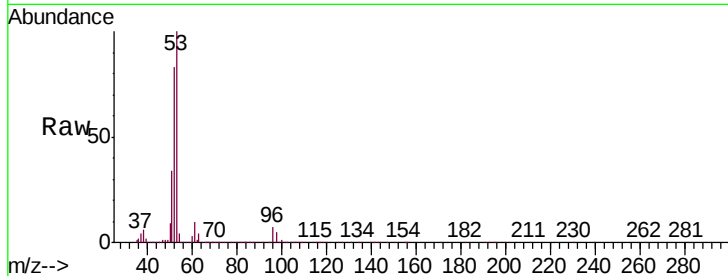
Tgt Ion: 53 Resp: 481275

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

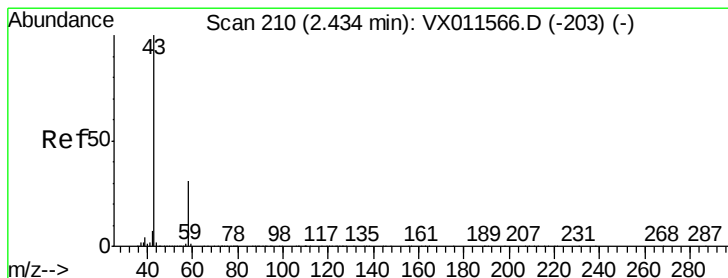
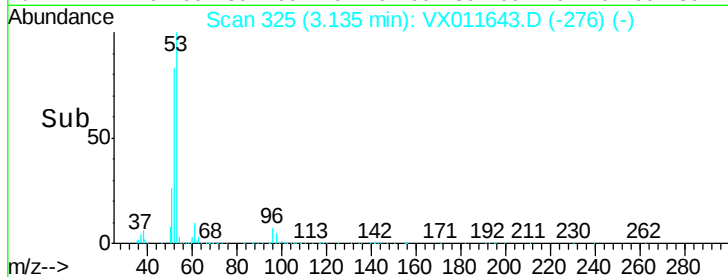
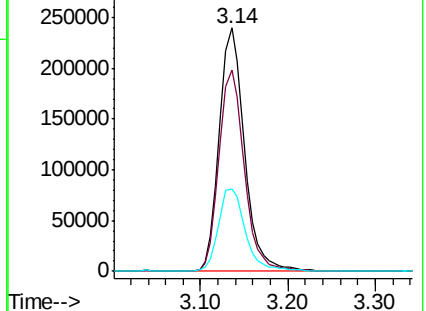
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.602 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011643.D

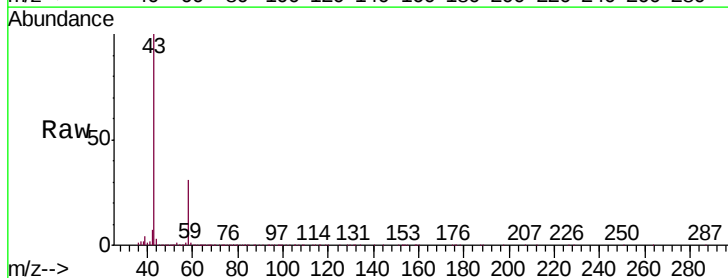
Acq: 19 Aug 2019 19:37

Tgt Ion: 43 Resp: 404758

Ion Ratio Lower Upper

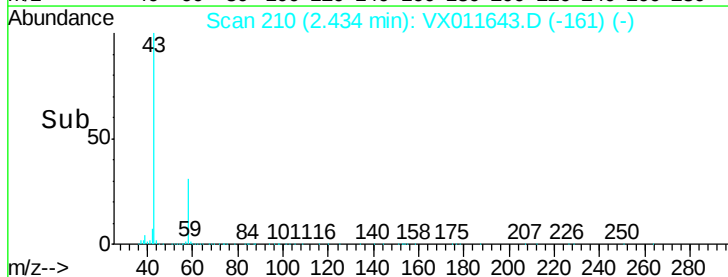
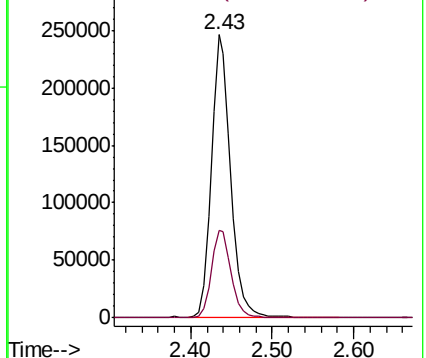
43 100

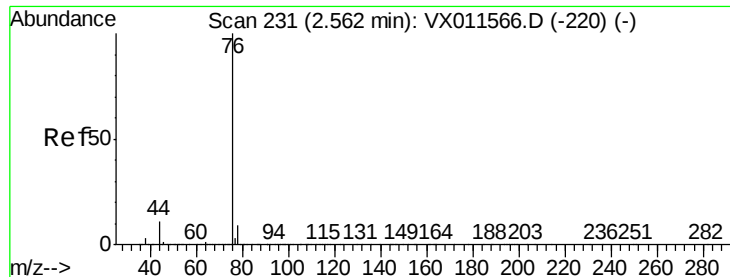
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.759 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

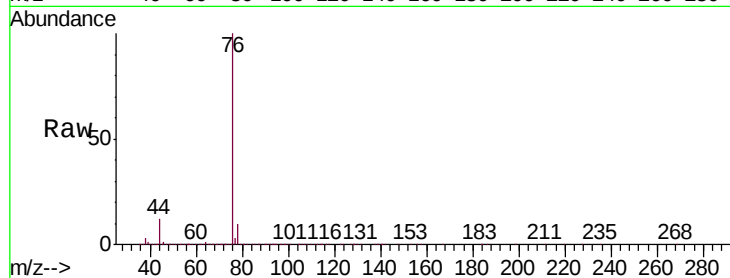
VSTDCCC050EC

Tgt Ion: 76 Resp: 344752

Ion Ratio Lower Upper

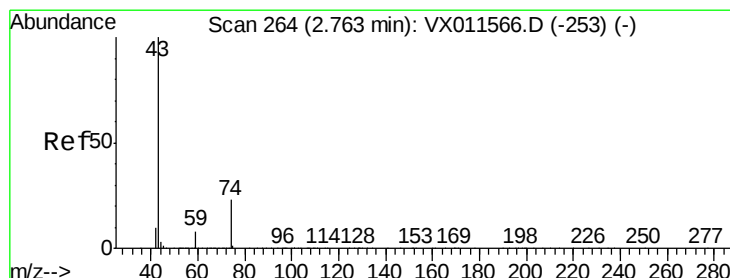
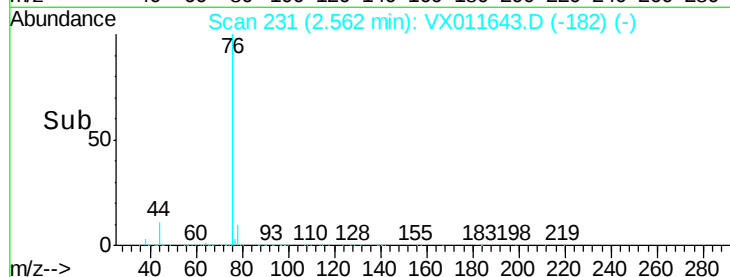
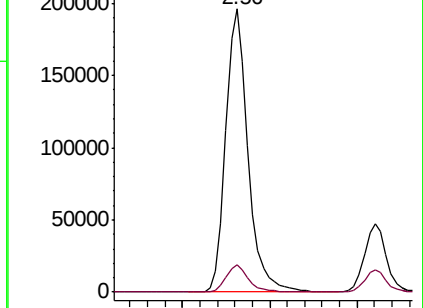
76 100

78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.979 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011643.D

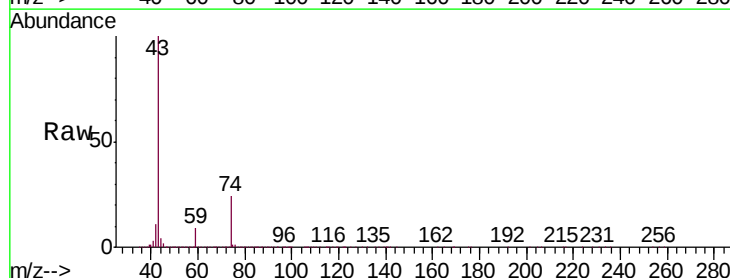
Acq: 19 Aug 2019 19:37

Tgt Ion: 43 Resp: 275261

Ion Ratio Lower Upper

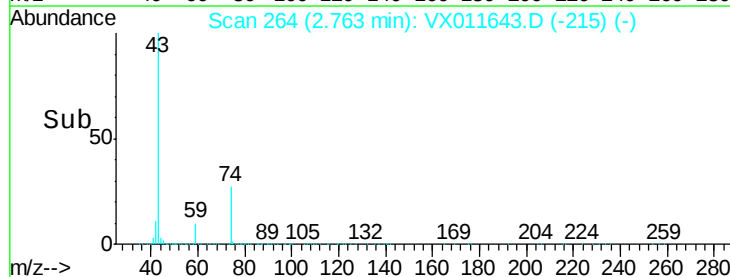
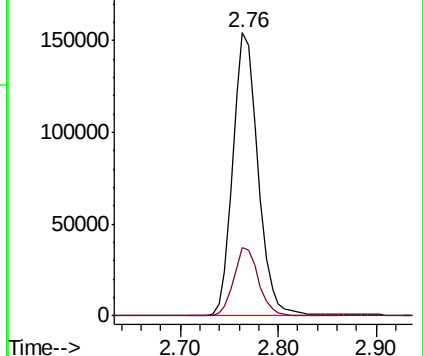
43 100

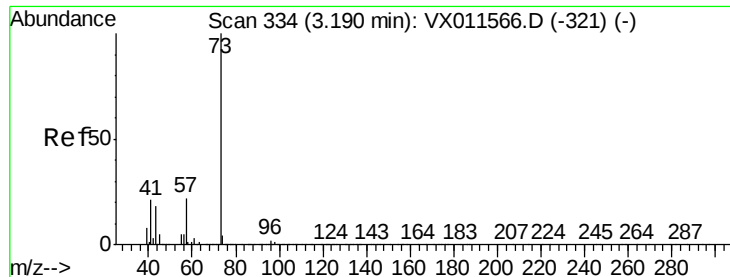
74 23.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



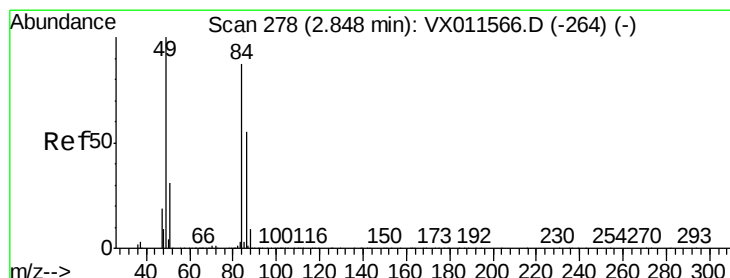
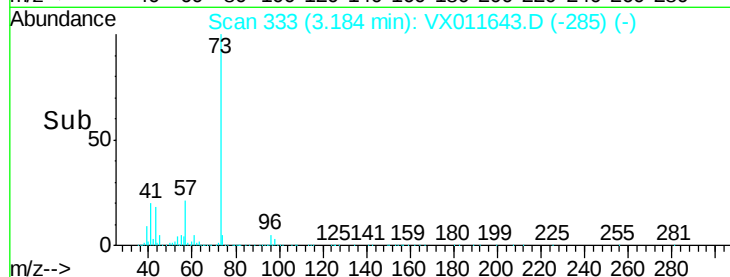
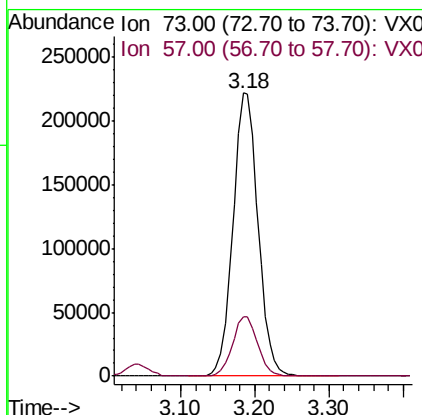
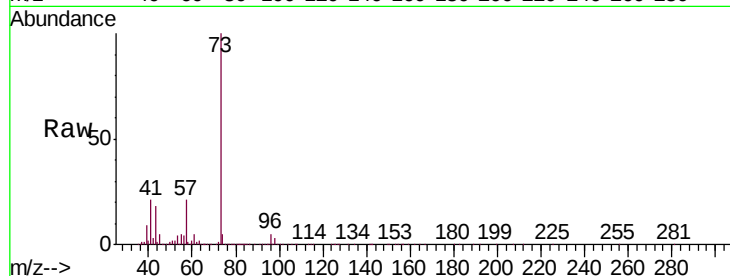


#19

Methyl tert-butyl Ether
 Concen: 52.319 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

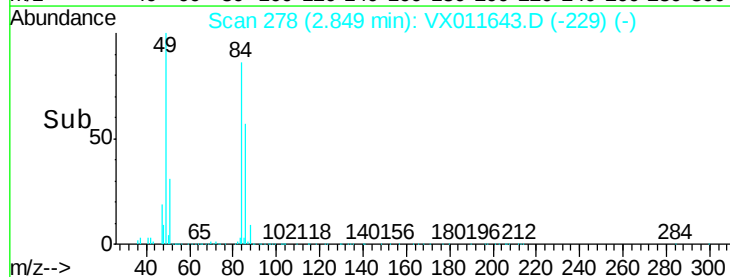
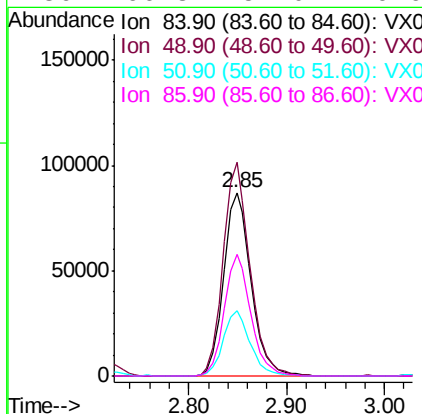
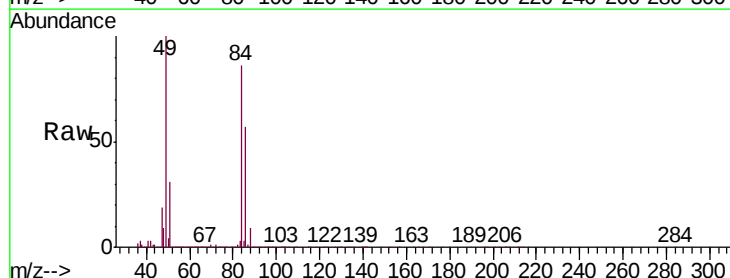
Tgt Ion: 73 Resp: 521991
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.2 25.8

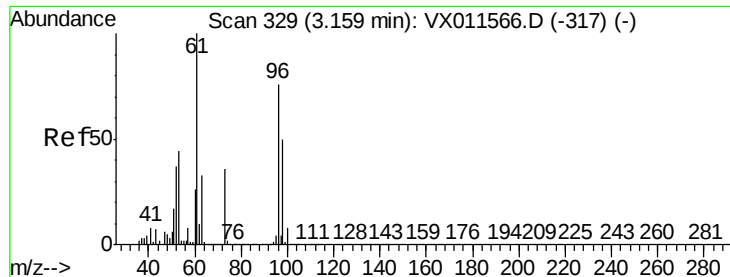


#20

Methylene Chloride
 Concen: 48.025 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion: 84 Resp: 168931
 Ion Ratio Lower Upper
 84 100
 49 116.3 92.4 138.6
 51 35.8 28.5 42.7
 86 66.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.190 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

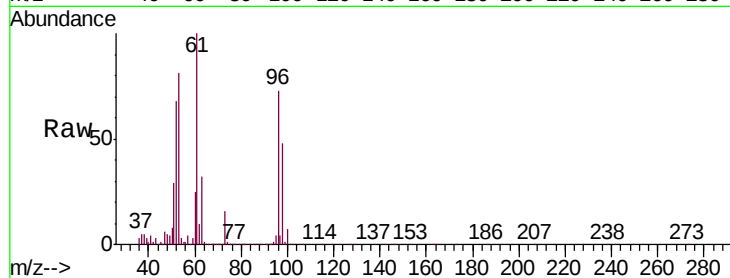
Tgt Ion: 96 Resp: 159685

Ion Ratio Lower Upper

96 100

61 136.0 105.5 158.3

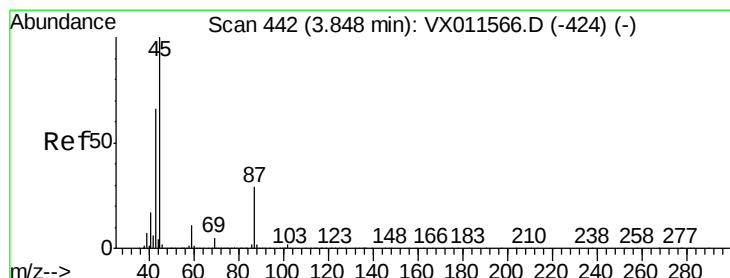
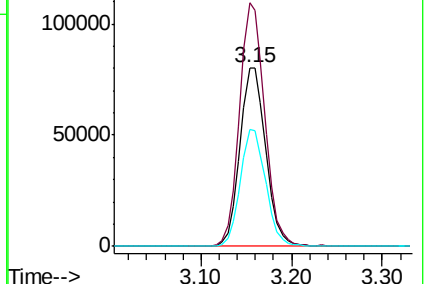
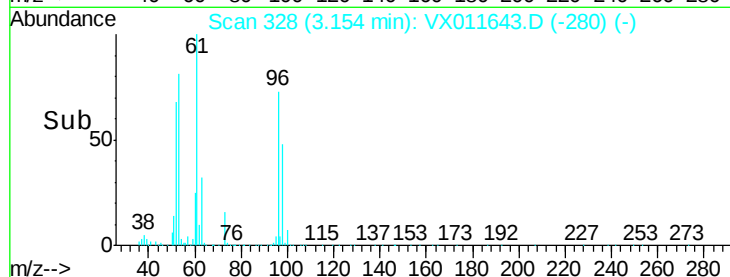
98 65.3 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.971 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Tgt Ion: 45 Resp: 517288

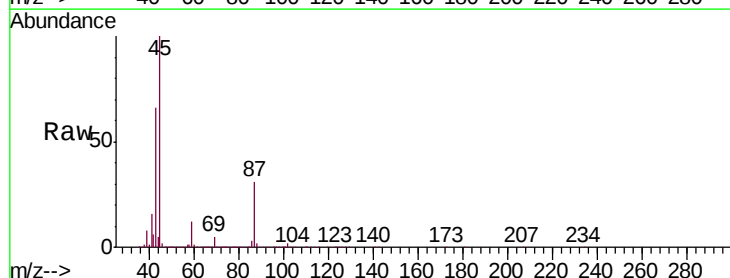
Ion Ratio Lower Upper

45 100

43 66.0 52.7 79.1

87 30.6 23.5 35.3

59 11.7 9.0 13.4

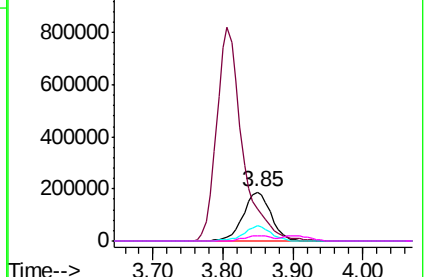
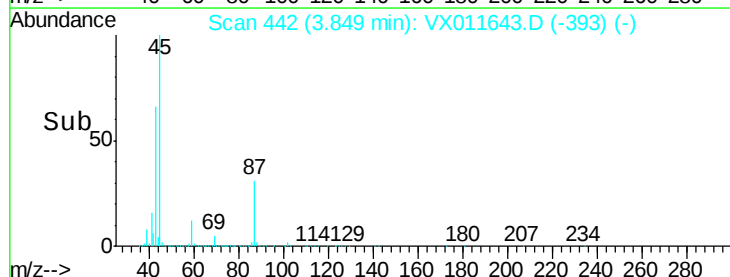


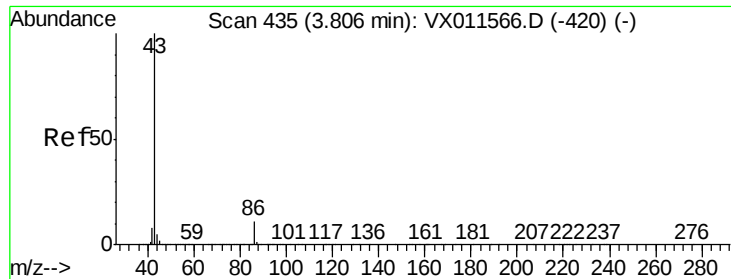
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.510 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

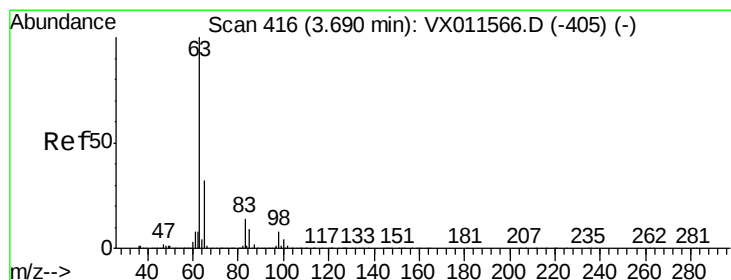
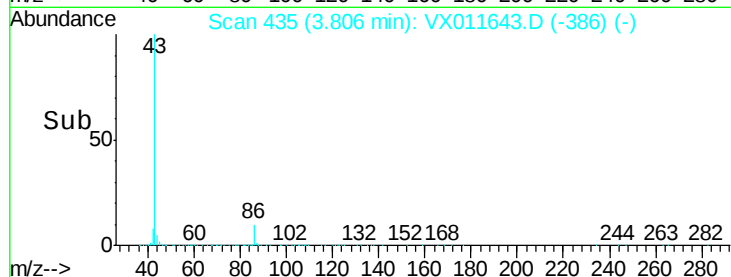
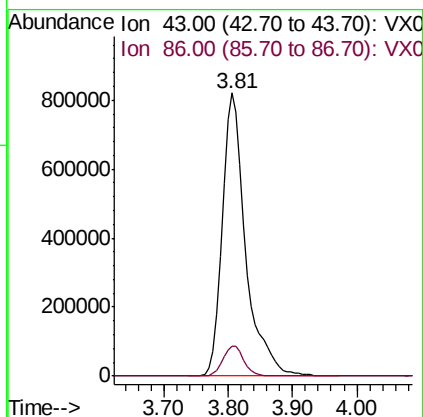
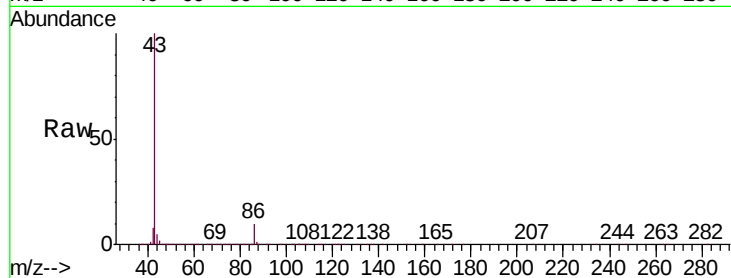
VSTDCCC050EC

Tgt Ion: 43 Resp: 2093557

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.620 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

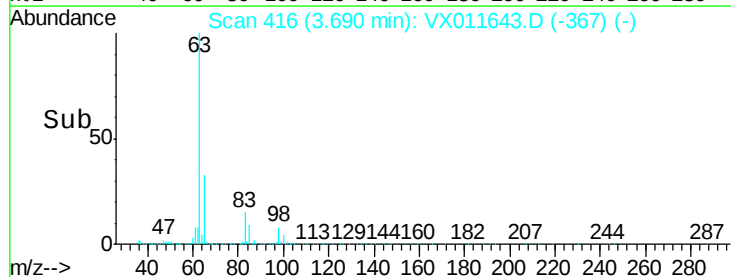
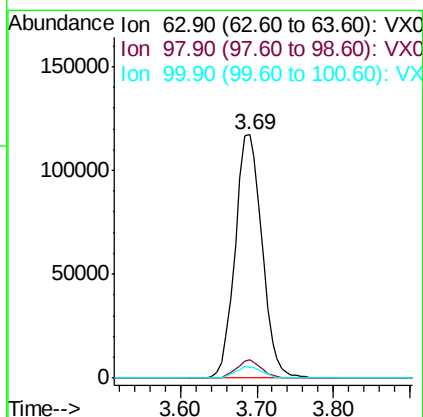
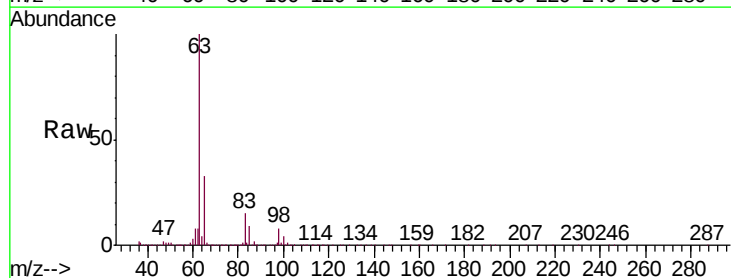
Tgt Ion: 63 Resp: 284712

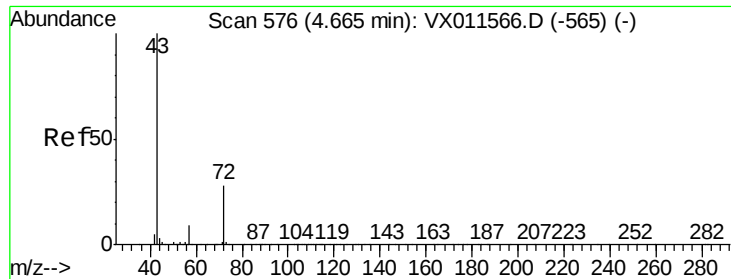
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 254.327 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

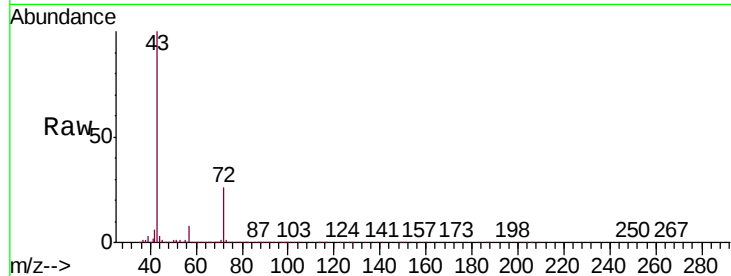
VSTDCCC050EC

Tgt Ion: 43 Resp: 668902

Ion Ratio Lower Upper

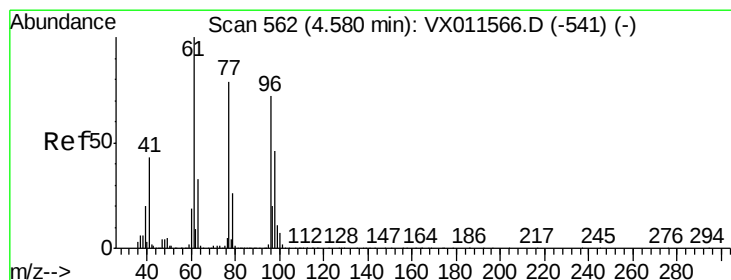
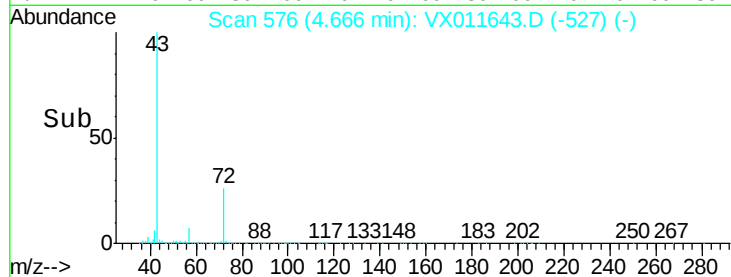
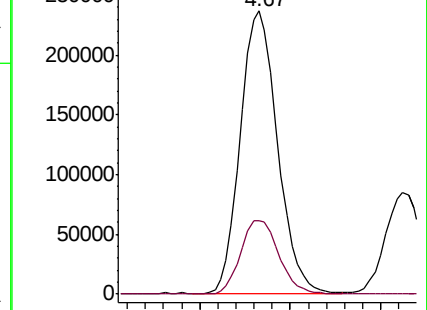
43 100

72 26.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.792 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011643.D

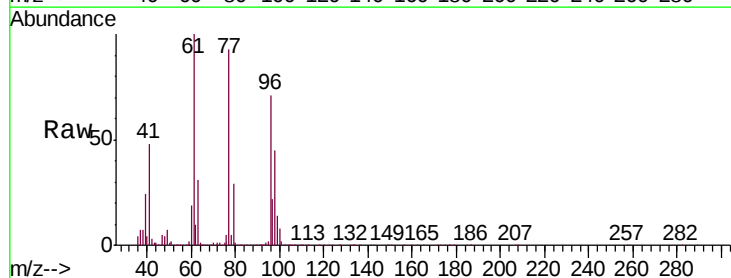
Acq: 19 Aug 2019 19:37

Tgt Ion: 77 Resp: 206391

Ion Ratio Lower Upper

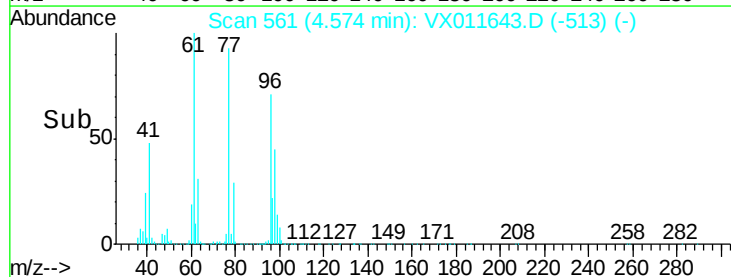
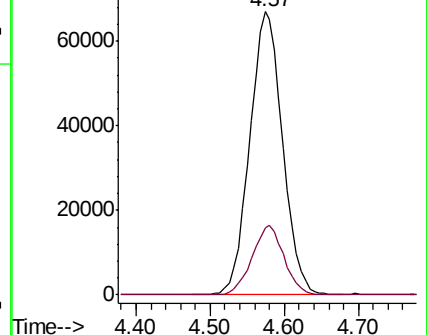
77 100

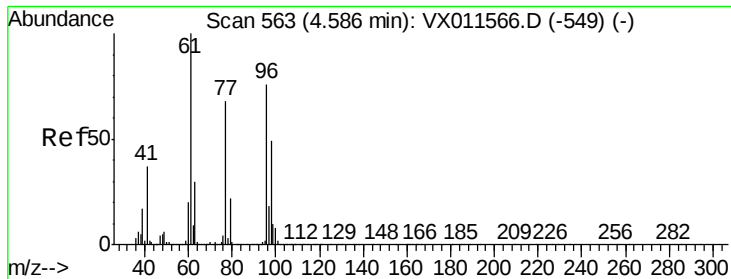
97 24.1 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



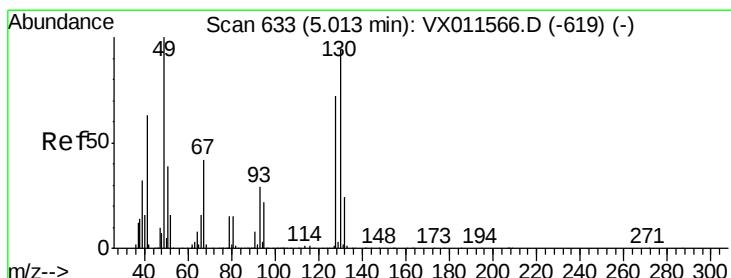
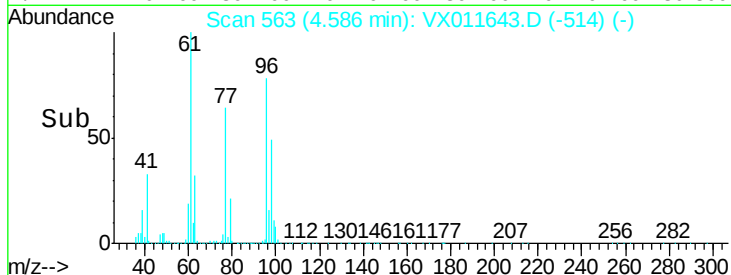
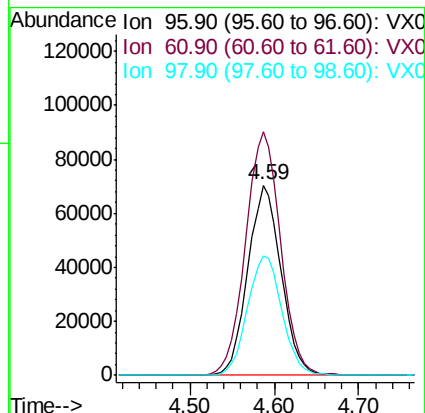
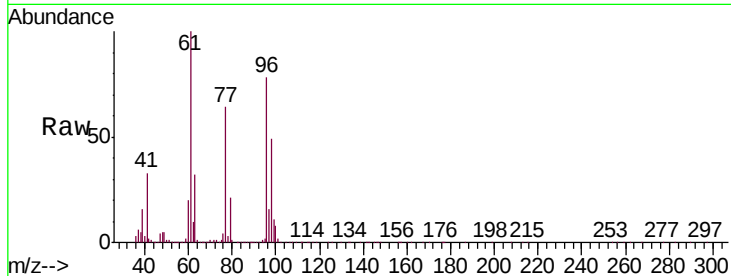


#27

cis-1,2-Dichloroethene
Concen: 49.838 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

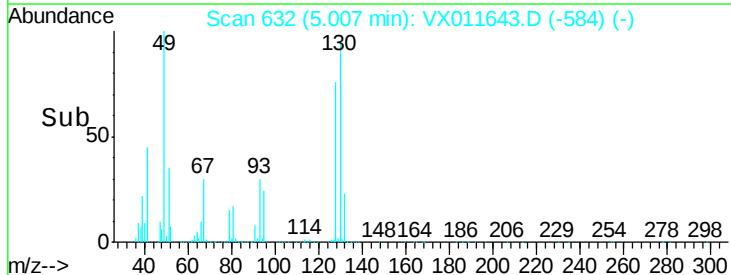
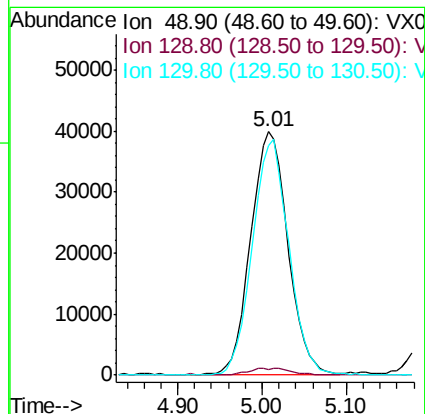
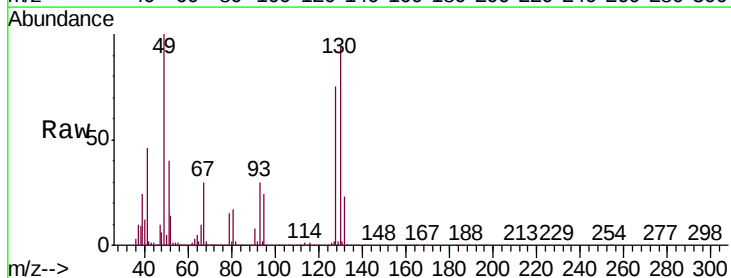
Tgt Ion: 96 Resp: 188608
Ion Ratio Lower Upper
96 100
61 135.1 0.0 272.6
98 65.2 0.0 129.4

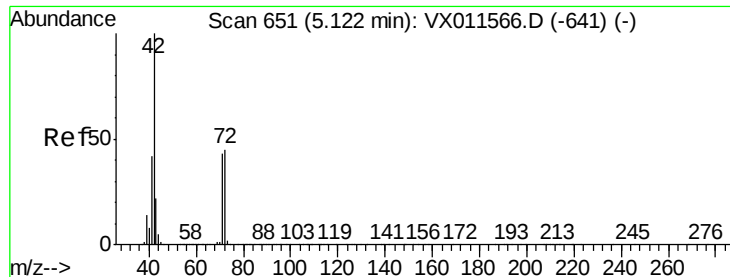


#28

Bromochloromethane
Concen: 47.273 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 49 Resp: 119072
Ion Ratio Lower Upper
49 100
129 3.3 0.0 5.0
130 95.8 76.6 115.0

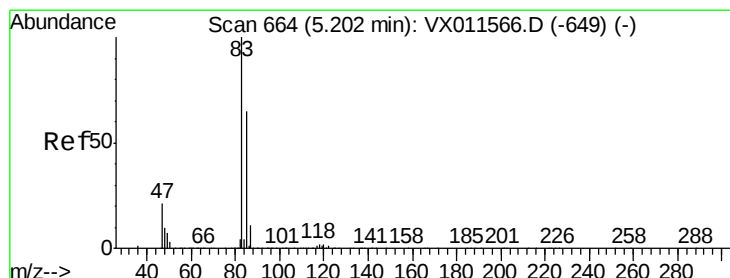
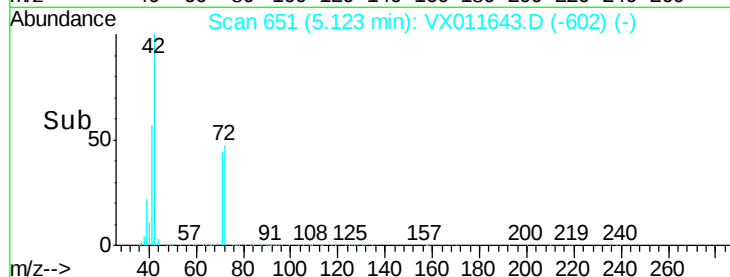
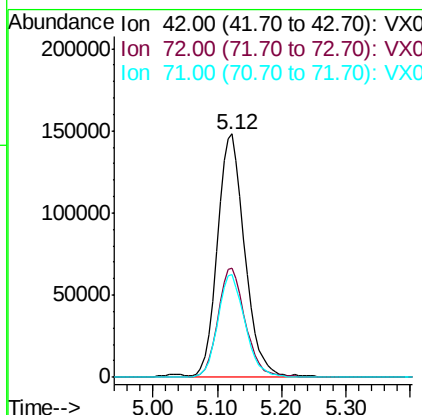
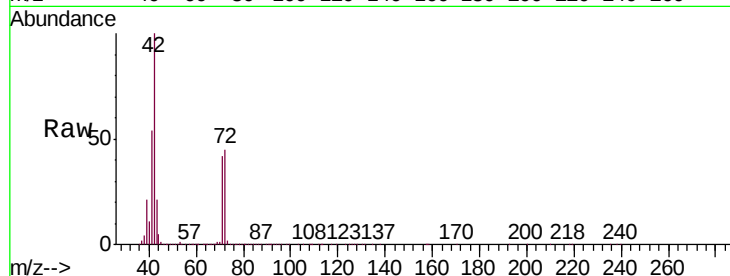




#29
Tetrahydrofuran
Concen: 255.849 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

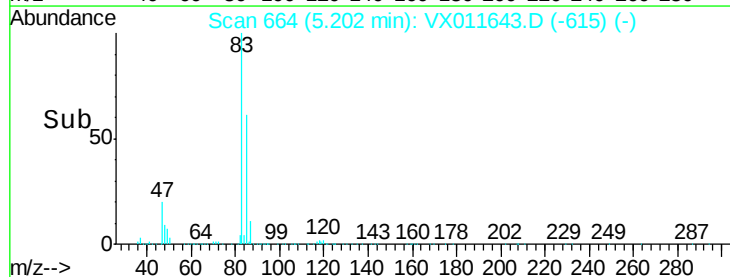
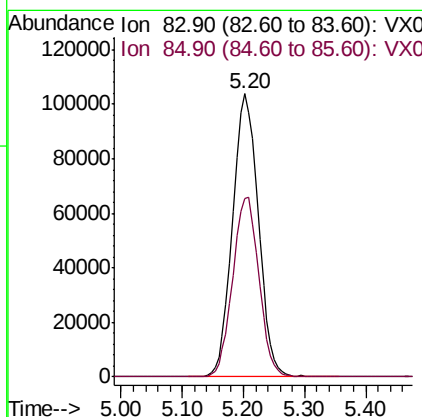
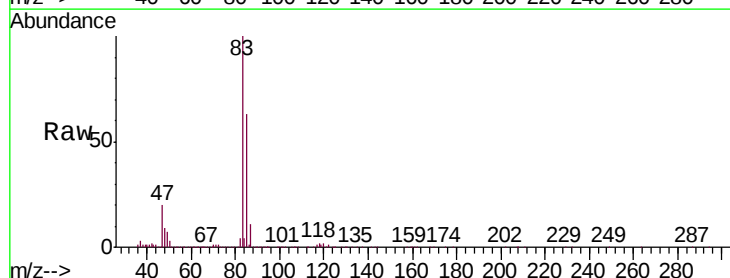
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

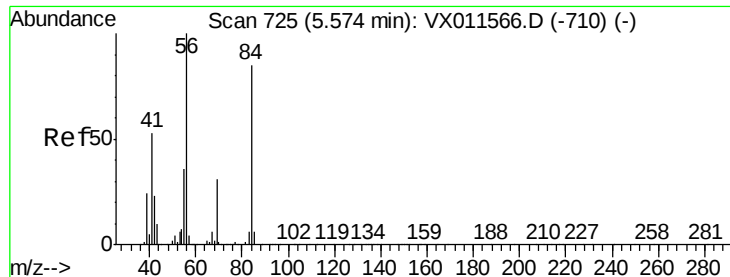
Tgt Ion: 42 Resp: 441407
Ion Ratio Lower Upper
42 100
72 45.2 36.1 54.1
71 42.4 33.8 50.8



#30
Chloroform
Concen: 49.741 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 83 Resp: 301208
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9





#31

Cyclohexane

Concen: 50.755 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

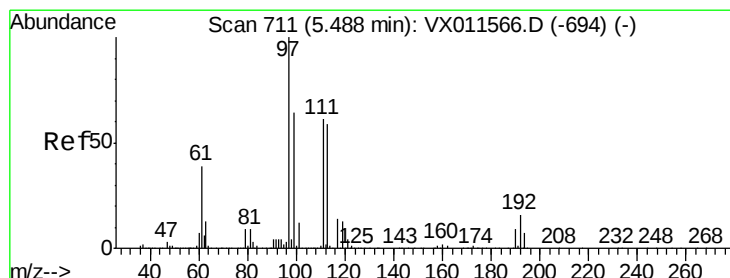
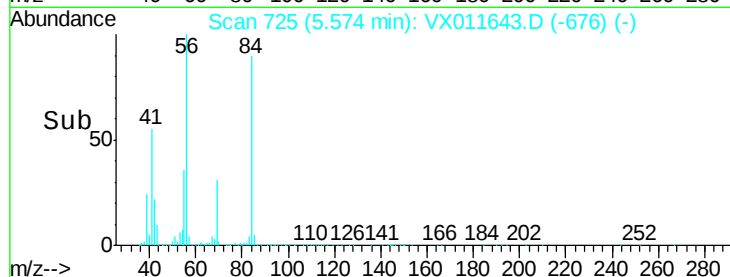
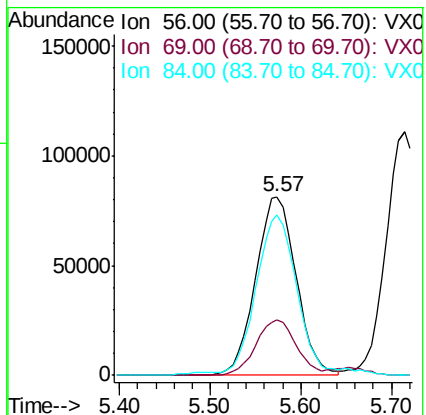
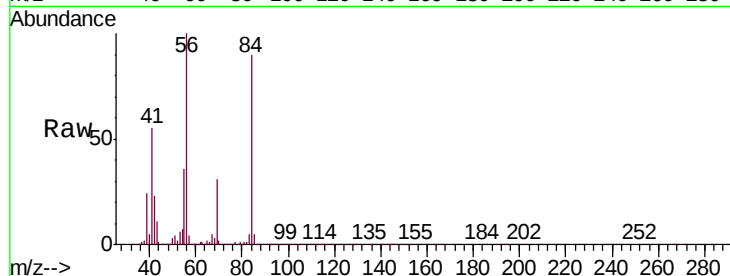
Tgt Ion: 56 Resp: 250742

Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 88.7 67.9 101.9



#32

1,1,1-Trichloroethane

Concen: 51.194 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

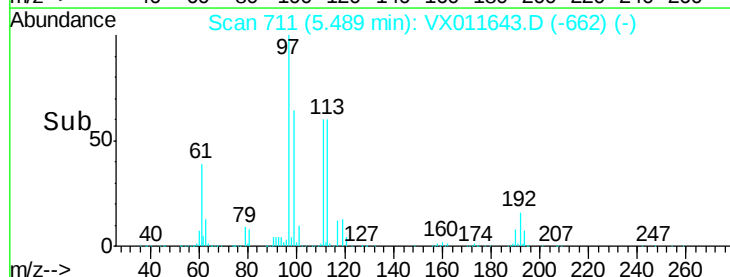
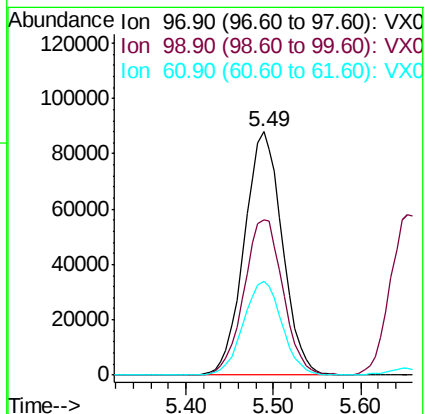
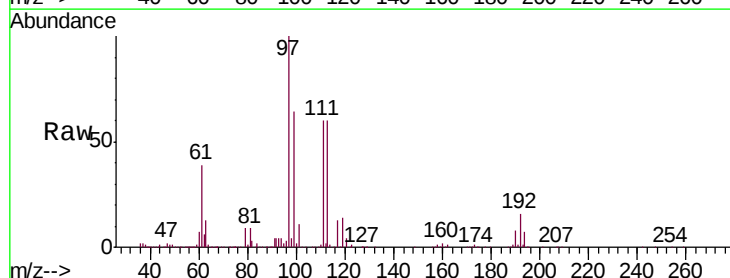
Tgt Ion: 97 Resp: 266560

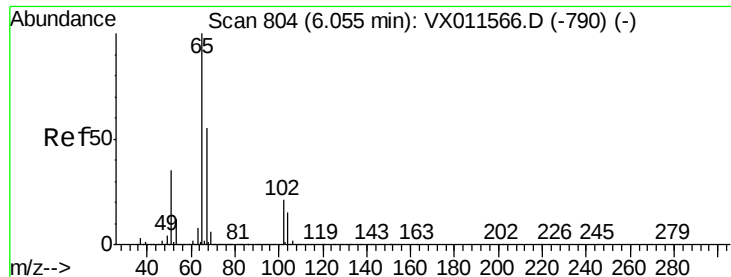
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 38.8 31.4 47.2

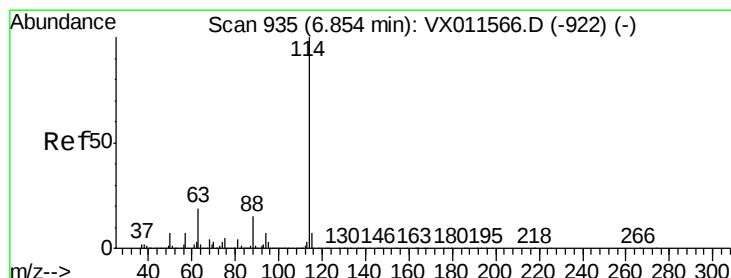
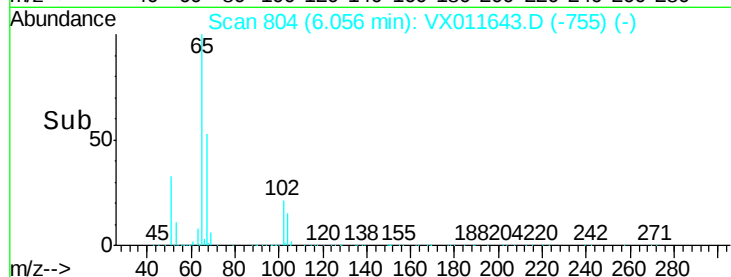
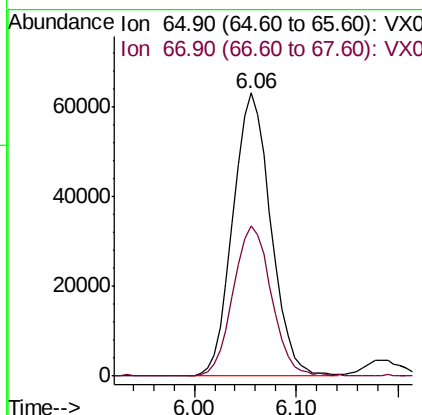
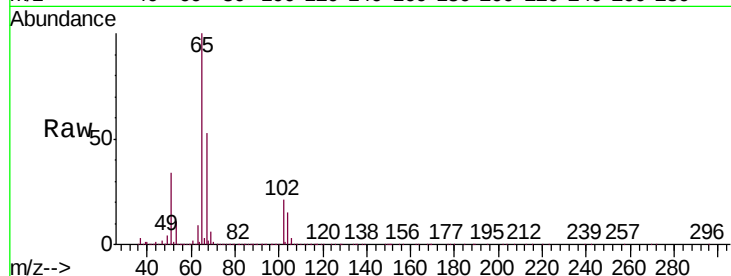




#33
 1,2-Dichloroethane-d4
 Concen: 48.589 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

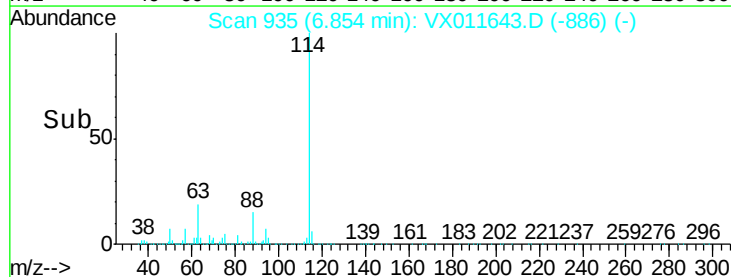
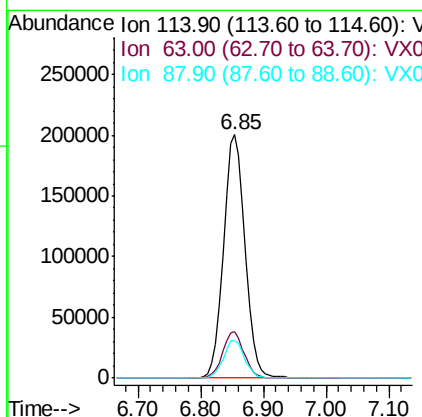
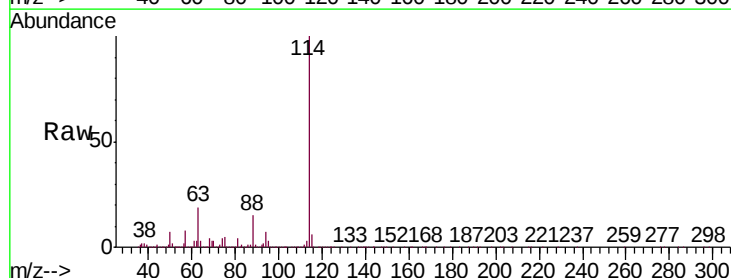
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

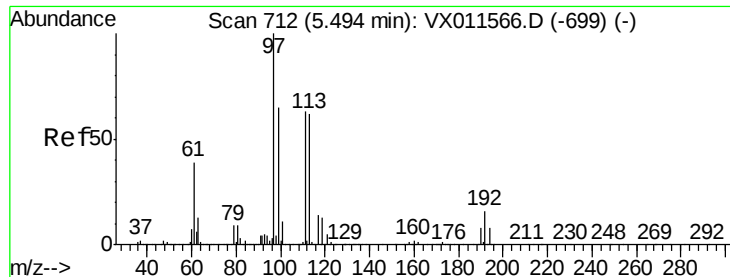
Tgt Ion: 65 Resp: 161889
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion: 114 Resp: 473231
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.787 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

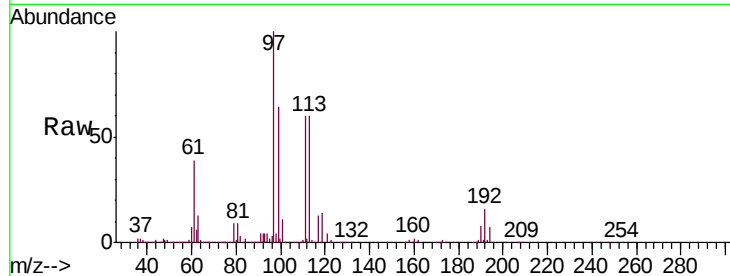
Tgt Ion:113 Resp: 151008

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

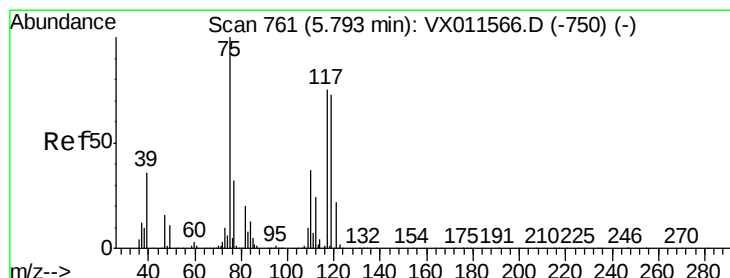
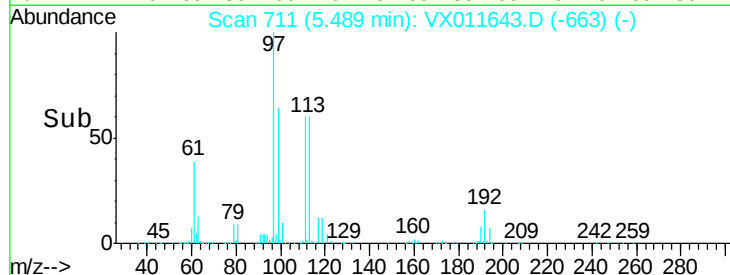
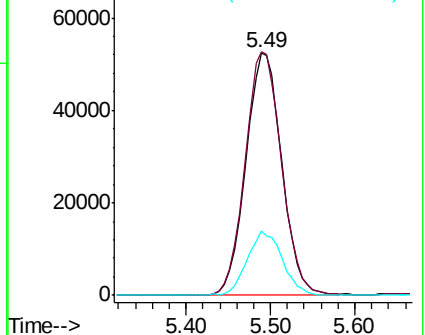
192 26.3 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.561 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

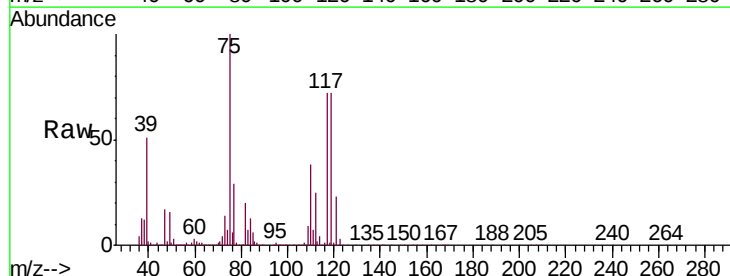
Tgt Ion: 75 Resp: 216713

Ion Ratio Lower Upper

75 100

110 38.8 19.4 58.1

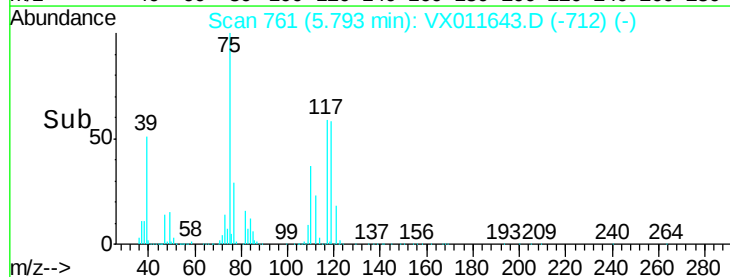
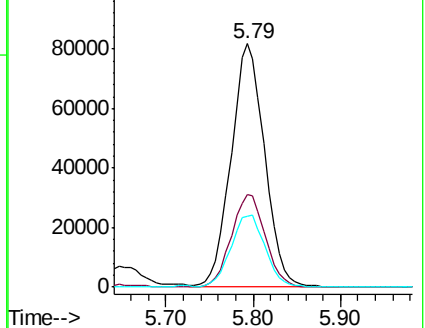
77 30.0 25.1 37.7

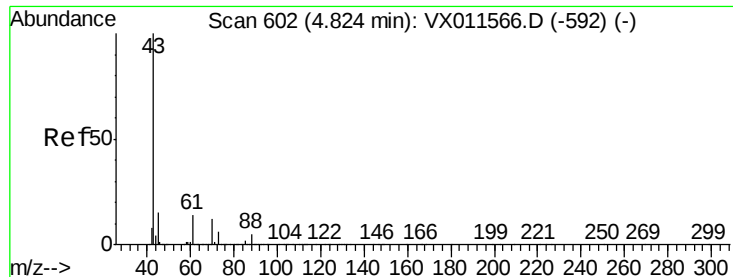


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

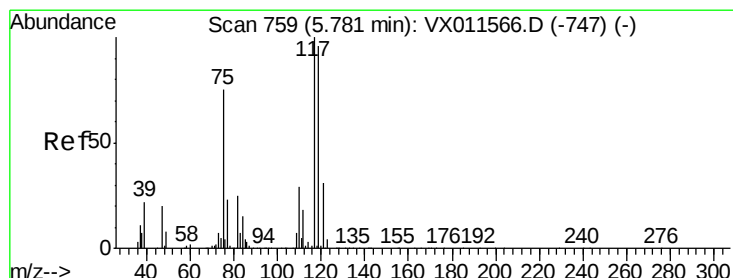
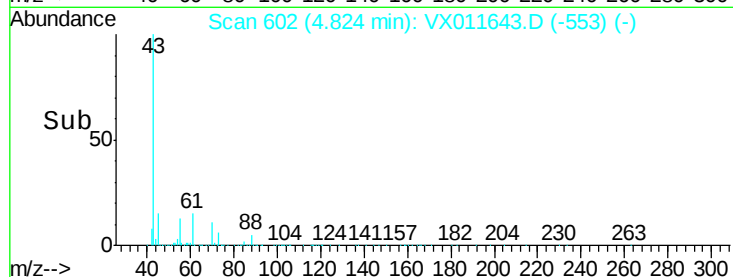
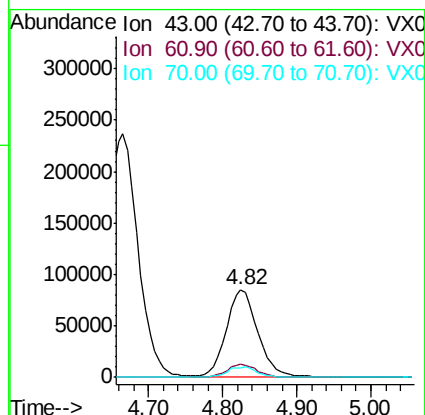
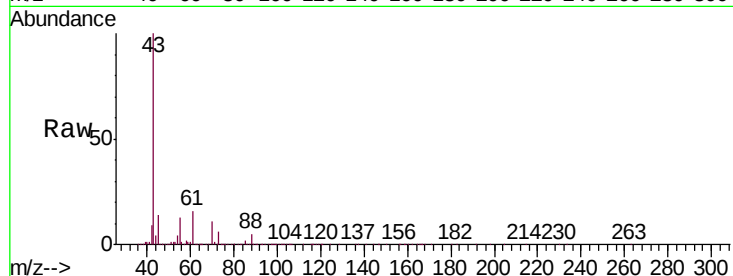




#37
Ethyl Acetate
Concen: 53.611 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

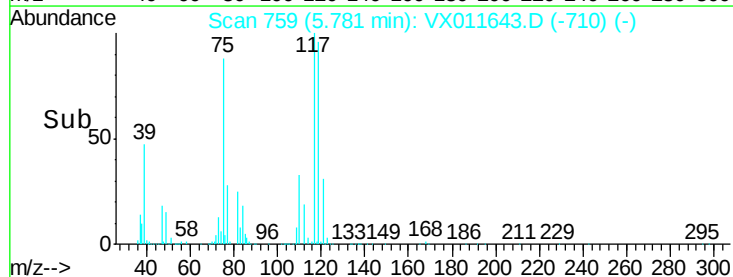
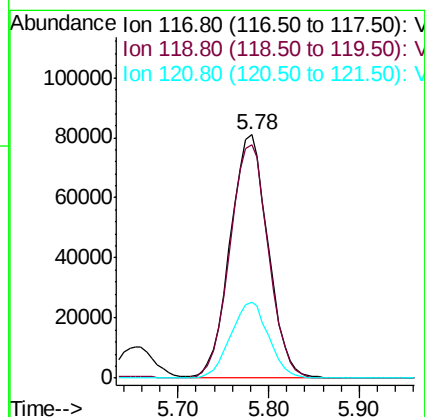
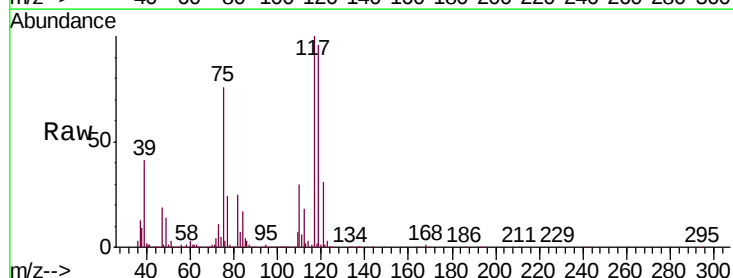
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

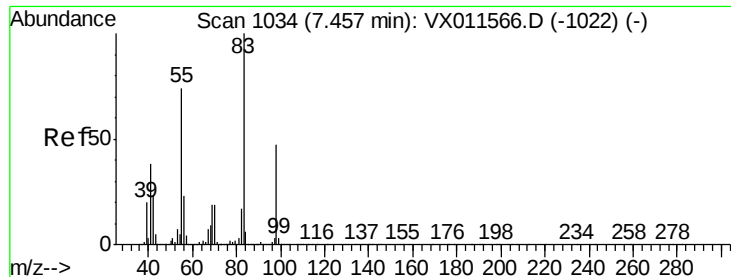
Tgt Ion: 43 Resp: 249493
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.643 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 117 Resp: 234667
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
121 31.1 24.8 37.2

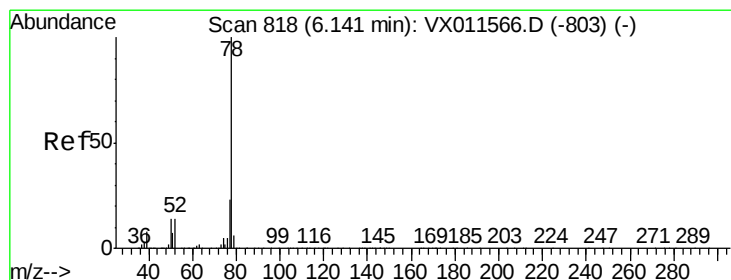
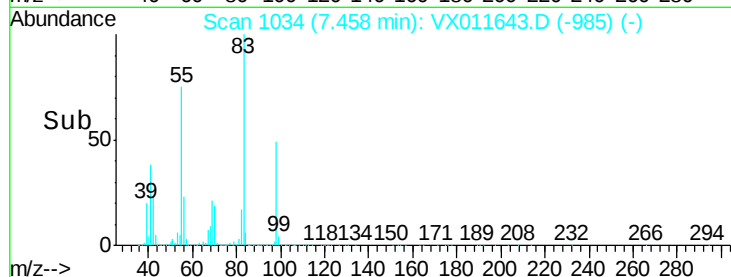
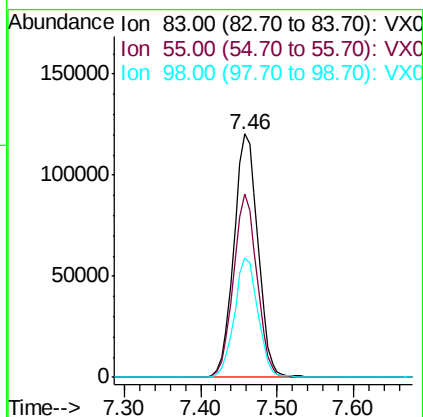
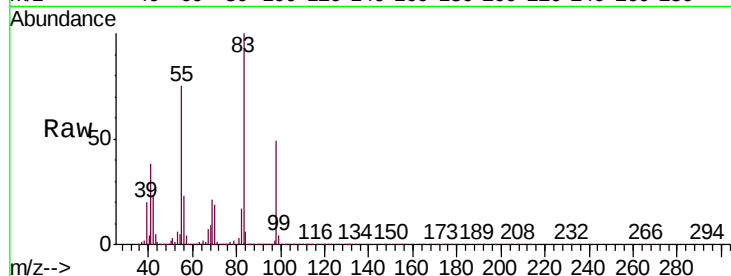




#39
Methylcyclohexane
Concen: 52.641 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

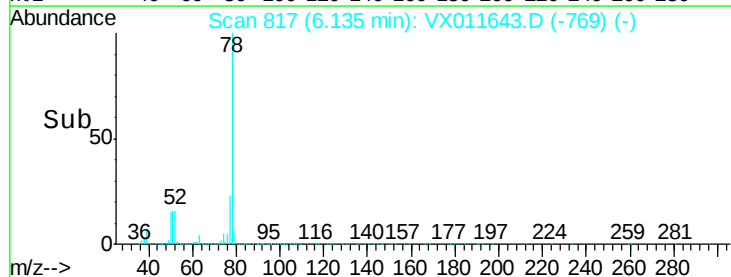
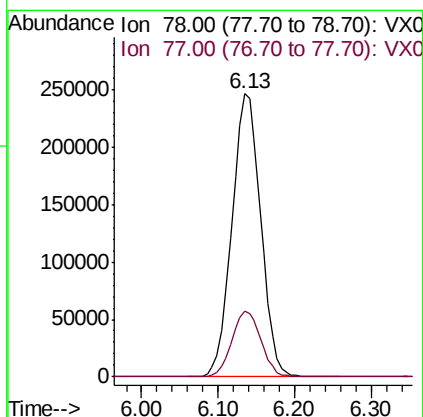
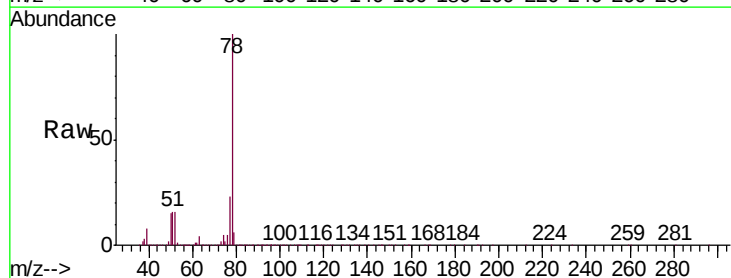
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

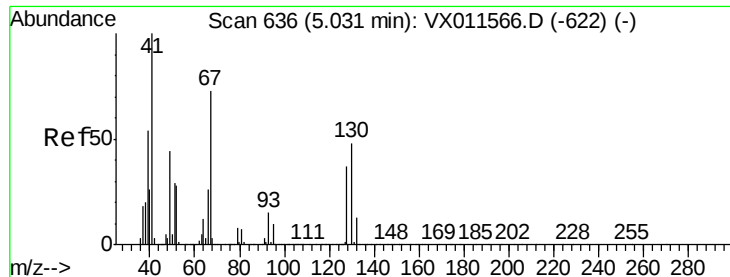
Tgt Ion: 83 Resp: 263027
Ion Ratio Lower Upper
83 100
55 75.2 58.8 88.2
98 49.2 37.8 56.6



#40
Benzene
Concen: 51.092 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 78 Resp: 642402
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41

Methacrylonitrile

Concen: 55.180 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 141331

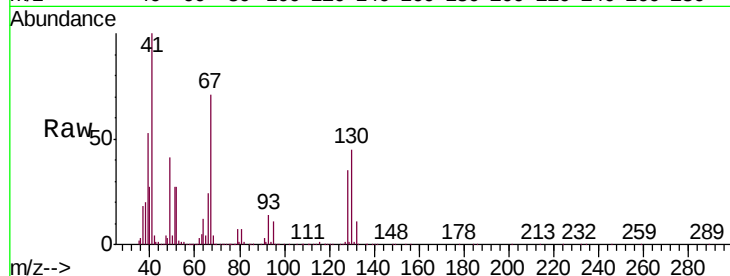
Ion Ratio Lower Upper

41 100

39 53.5 43.5 65.3

67 74.7 59.4 89.2

52 28.3 23.4 35.2

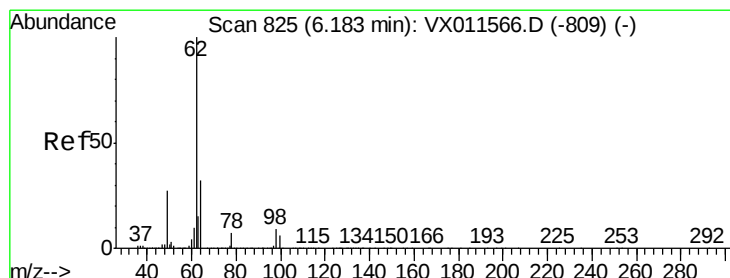
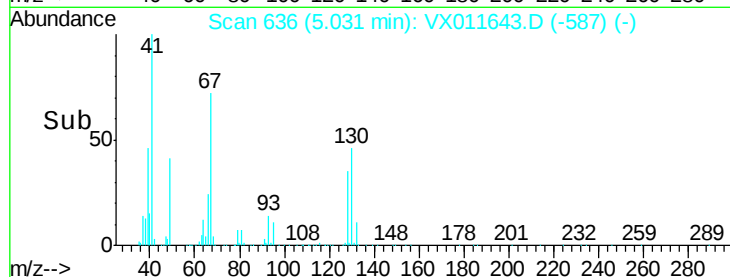
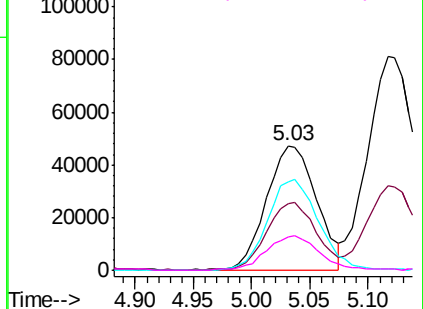


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.840 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011643.D

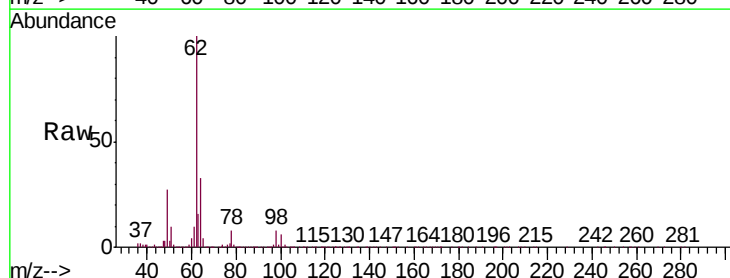
Acq: 19 Aug 2019 19:37

Tgt Ion: 62 Resp: 234540

Ion Ratio Lower Upper

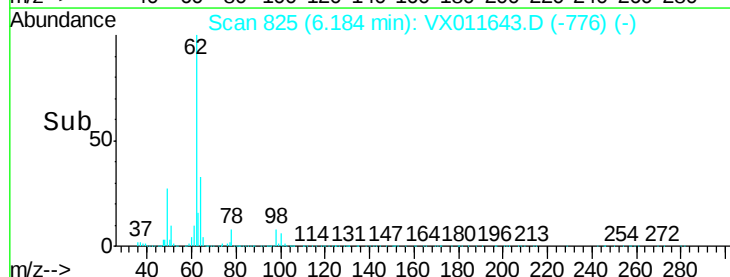
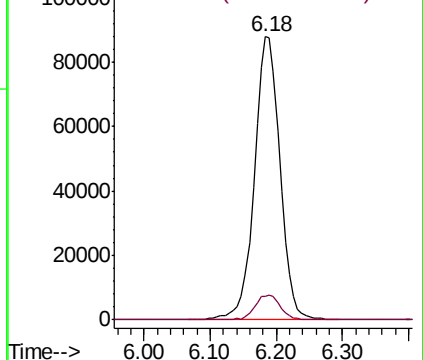
62 100

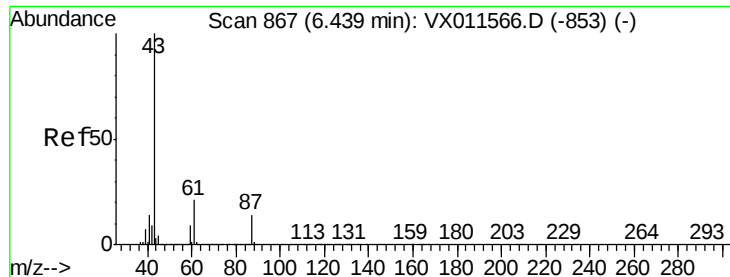
98 8.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



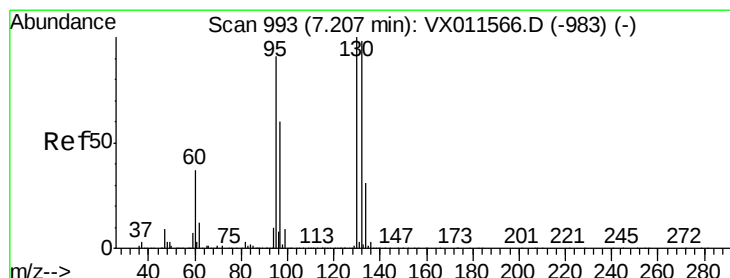
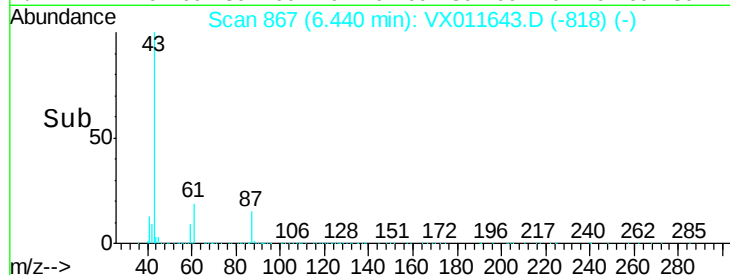
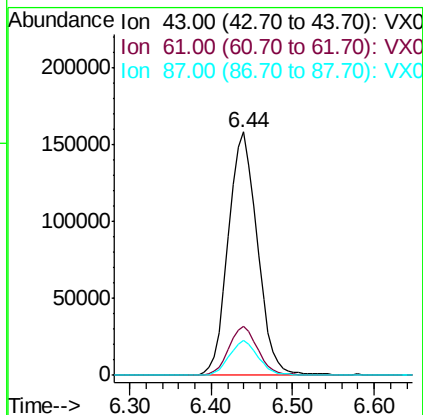
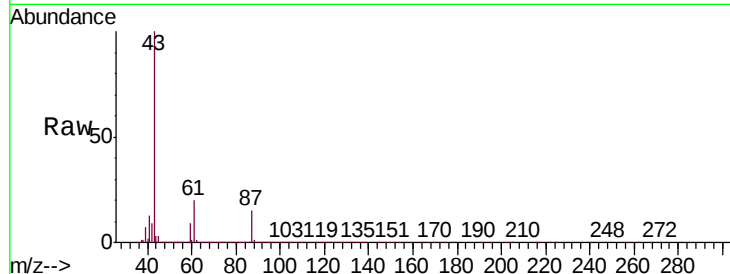


#43

Isopropyl Acetate
 Concen: 53.357 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

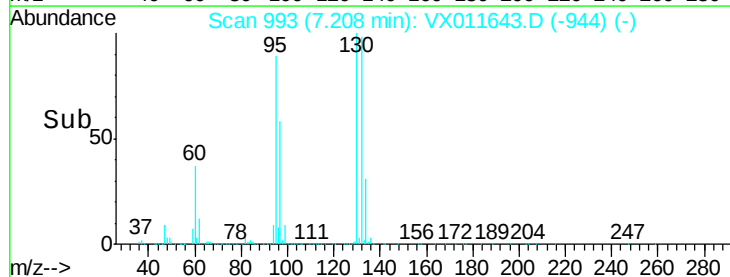
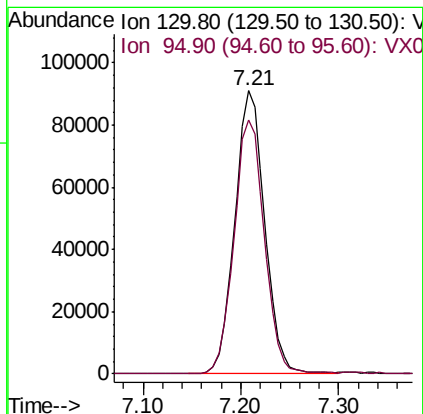
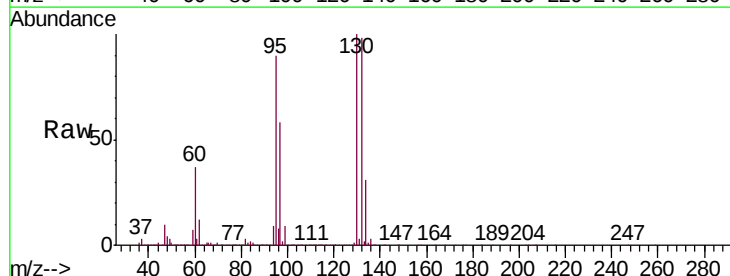
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.6	24.8
87	13.9	11.4	17.2

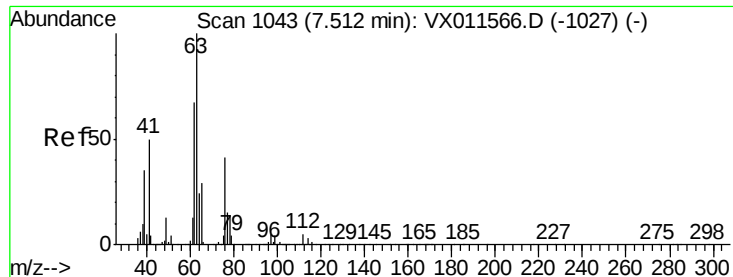


#44

Trichloroethene
 Concen: 51.840 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	181.4

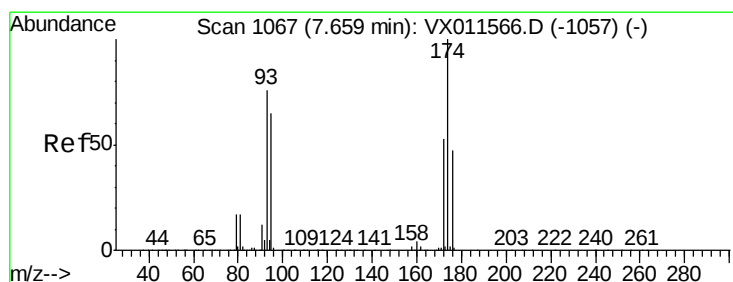
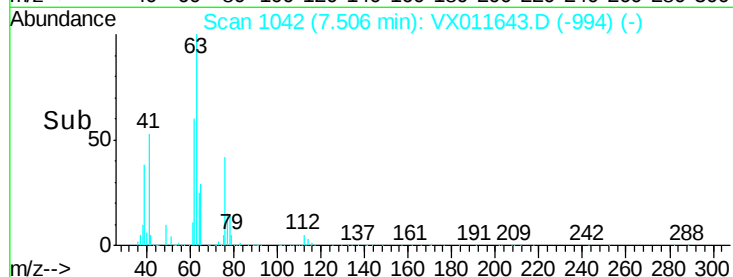
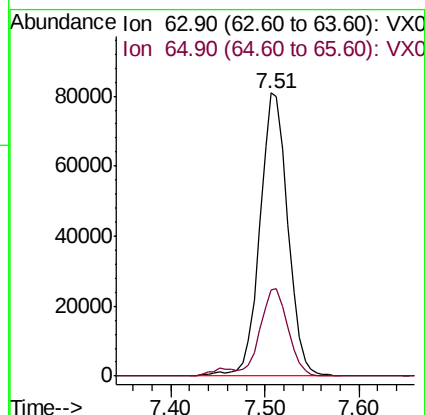
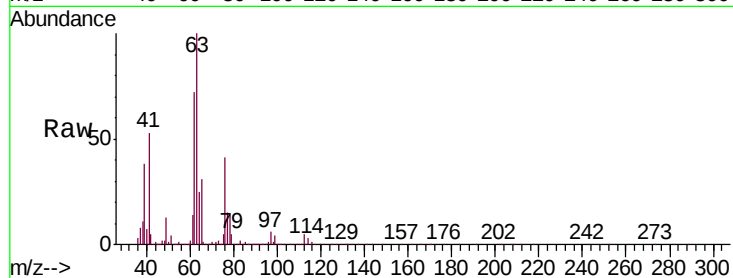




#45
 1,2-Dichloropropane
 Concen: 53.608 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

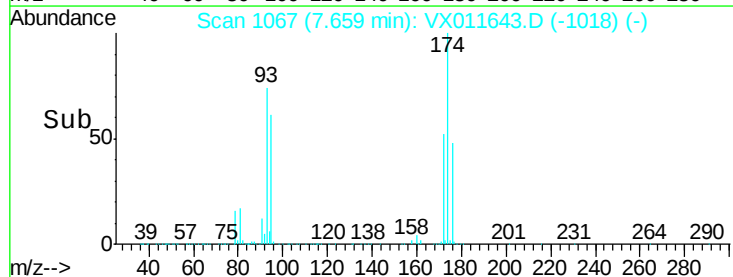
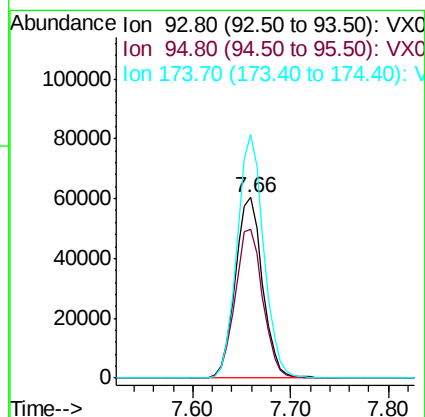
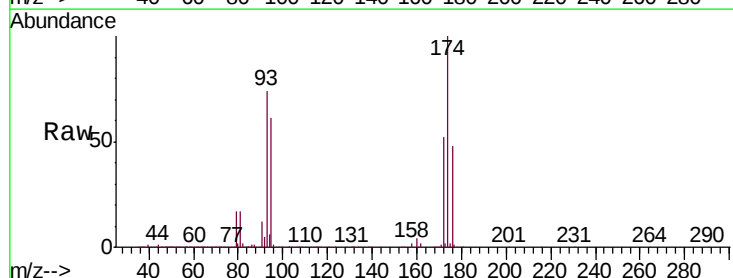
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

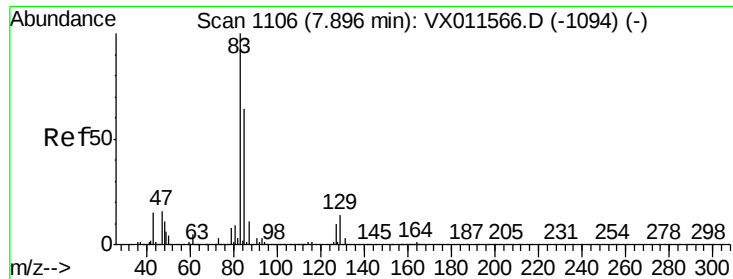
Tgt Ion: 63 Resp: 168101
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.4 35.2



#46
 Dibromomethane
 Concen: 51.307 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion: 93 Resp: 116913
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.2 100.8
 174 131.8 105.5 158.3





#47

Bromodichloromethane

Concen: 53.435 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

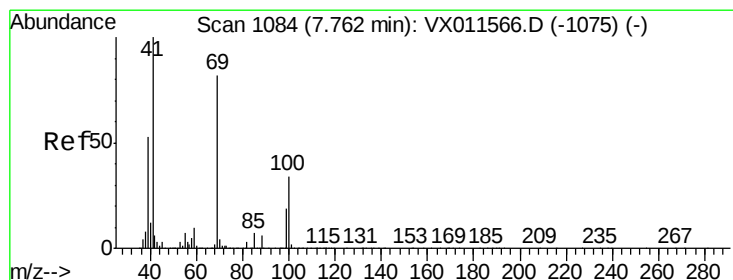
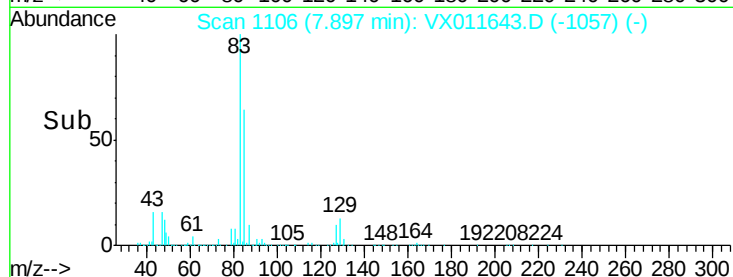
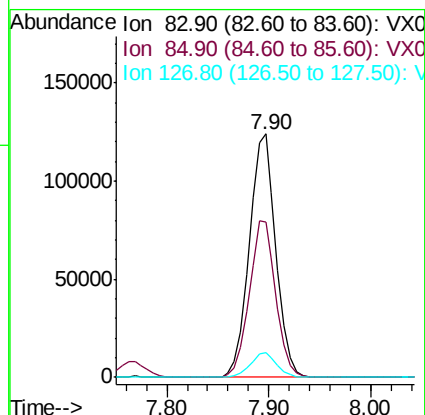
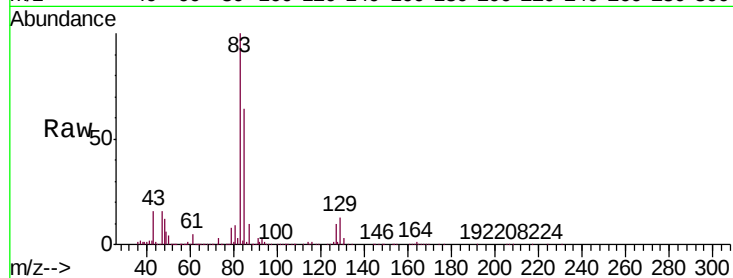
Tgt Ion: 83 Resp: 223570

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

127 10.1 8.1 12.1



#48

Methyl methacrylate

Concen: 55.268 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

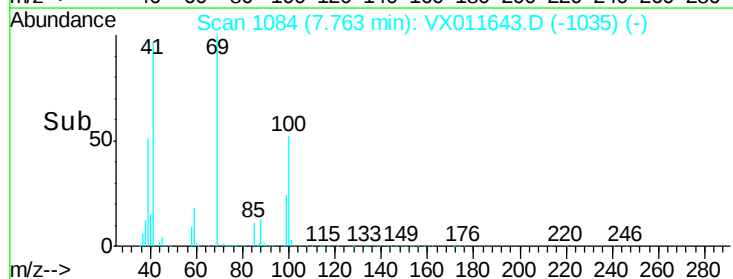
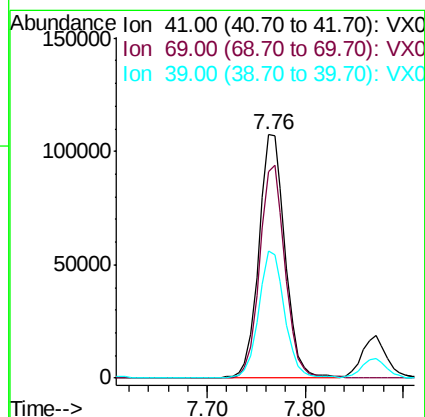
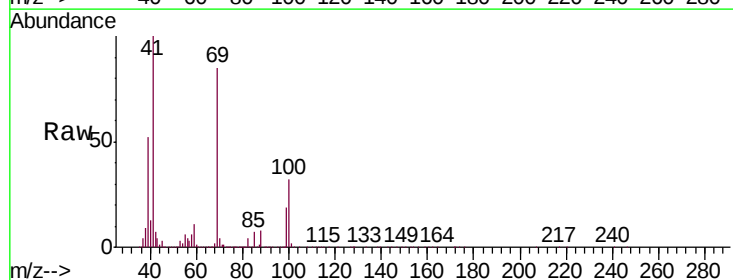
Tgt Ion: 41 Resp: 198778

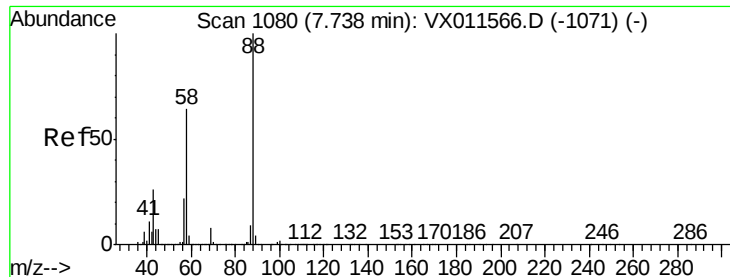
Ion Ratio Lower Upper

41 100

69 85.0 67.9 101.9

39 50.9 41.6 62.4





#49

1,4-Dioxane

Concen: 1018.845 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

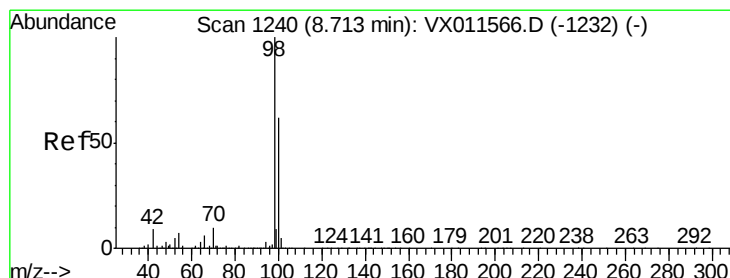
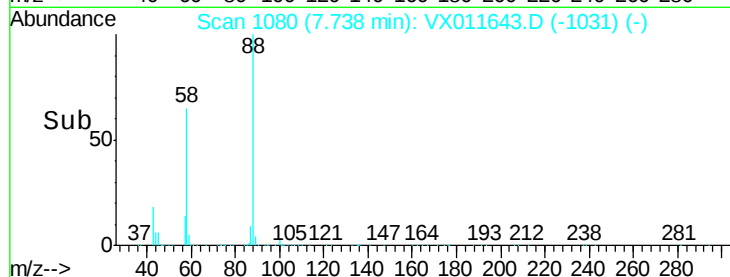
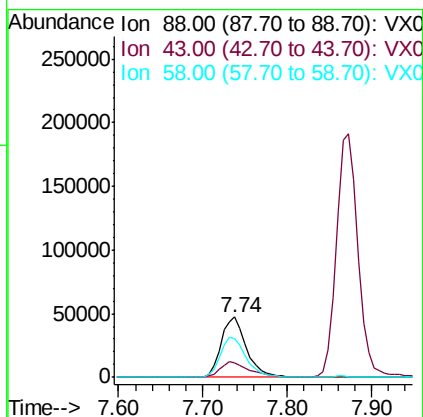
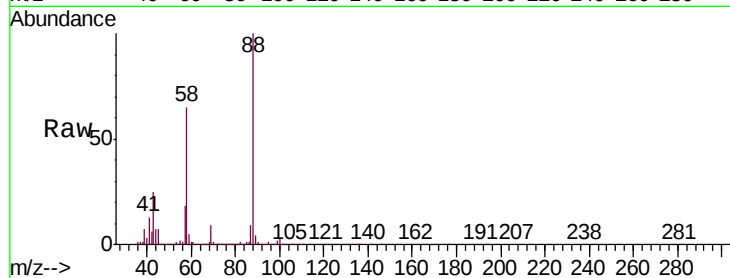
Tgt Ion: 88 Resp: 97464

Ion Ratio Lower Upper

88 100

43 29.9 23.4 35.0

58 68.4 54.3 81.5



#50

Toluene-d8

Concen: 50.315 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011643.D

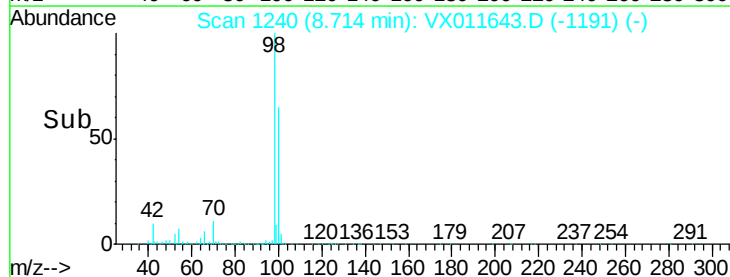
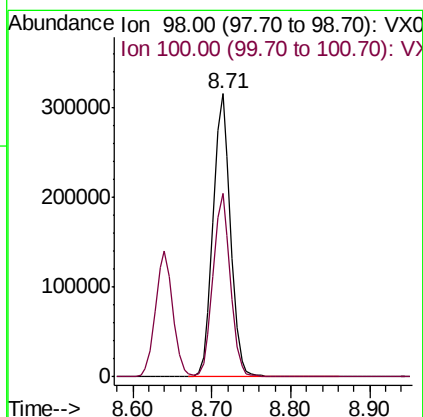
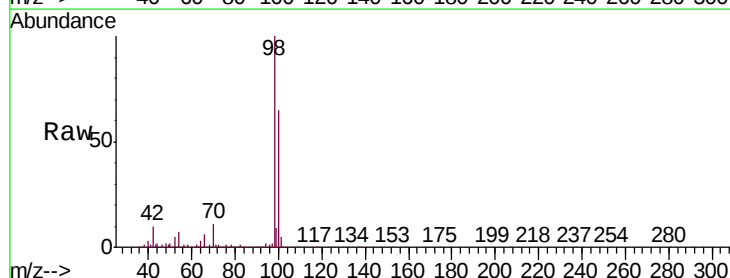
Acq: 19 Aug 2019 19:37

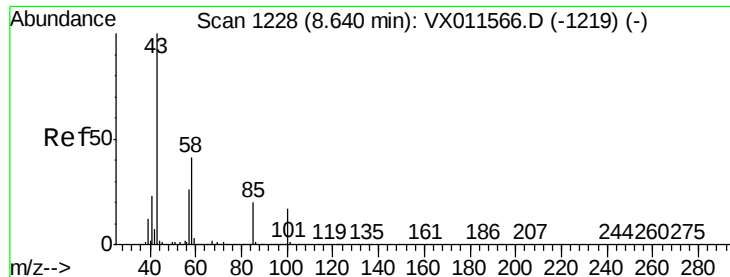
Tgt Ion: 98 Resp: 485257

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6

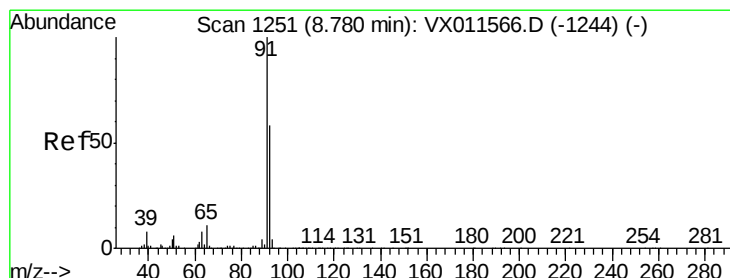
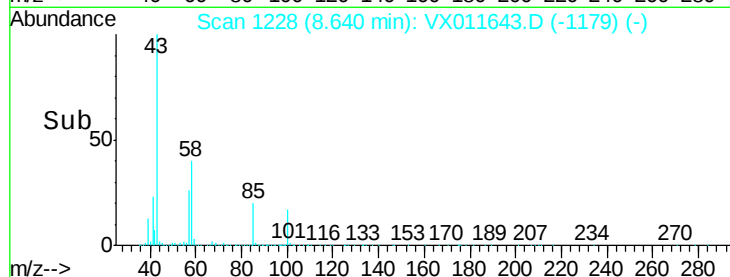
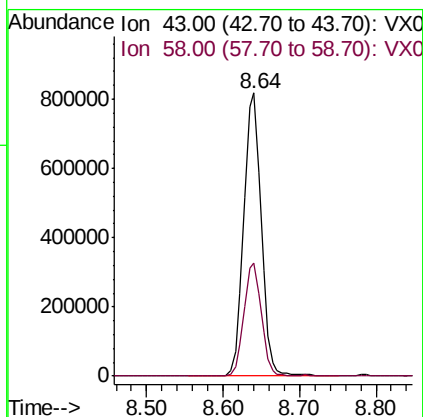
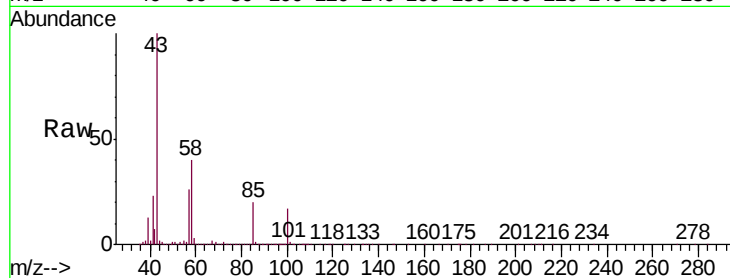




#51
 4-Methyl-2-Pentanone
 Concen: 273.619 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

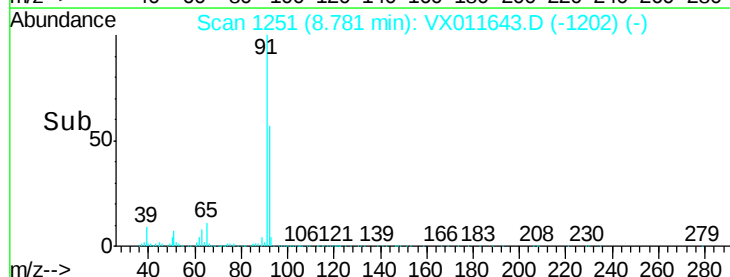
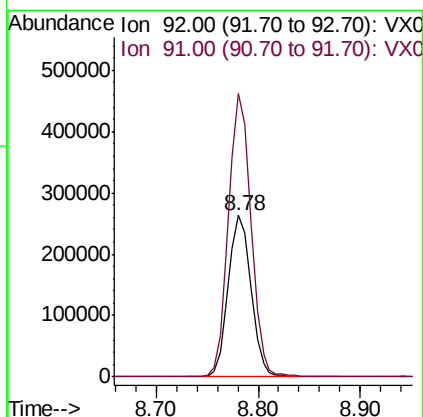
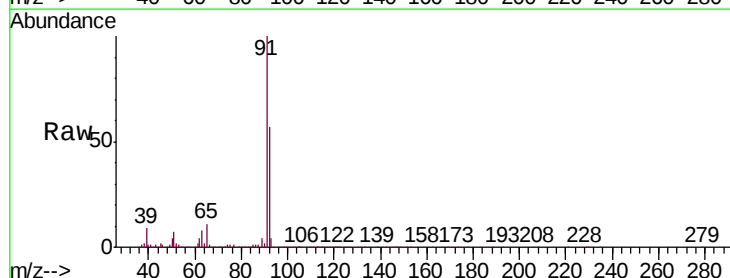
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

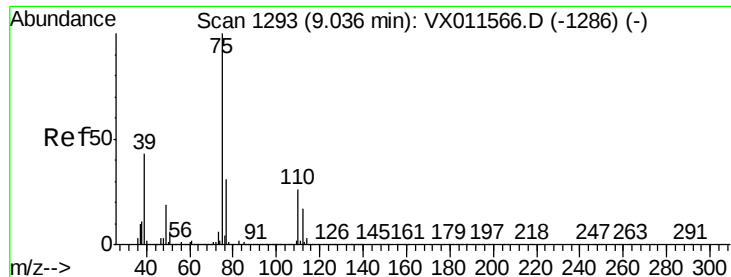
Tgt Ion: 43 Resp: 1300718
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.6



#52
 Toluene
 Concen: 50.994 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion: 92 Resp: 408480
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 52.721 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

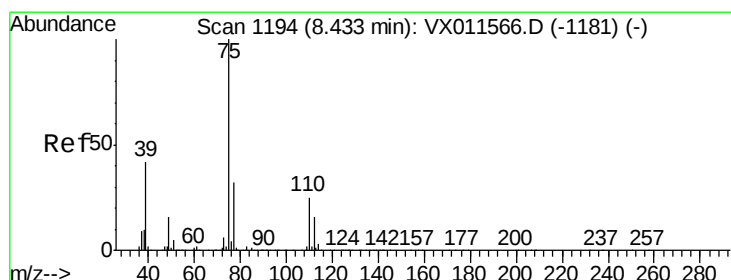
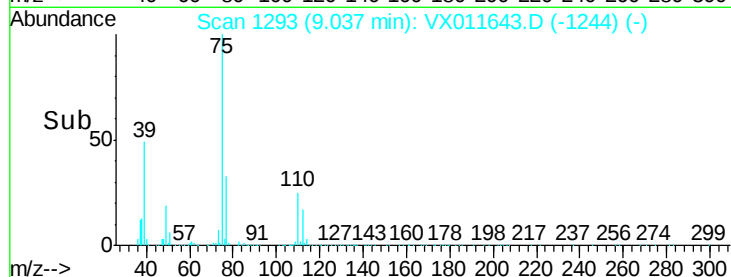
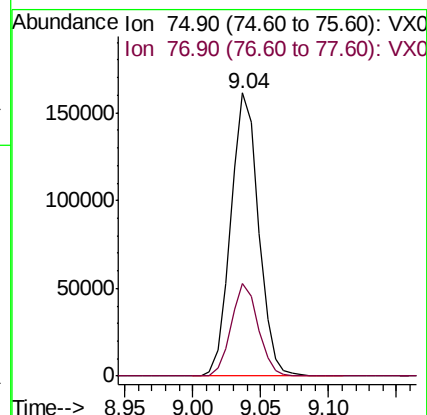
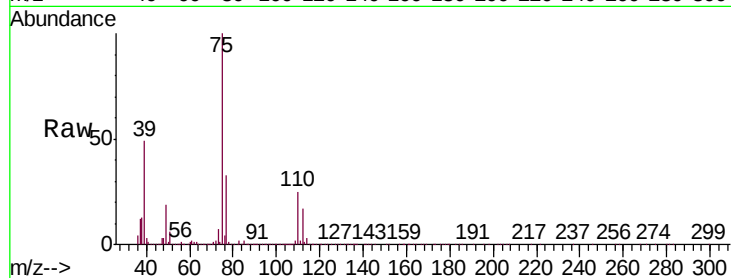
VSTDCCC050EC

Tgt Ion: 75 Resp: 228929

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.808 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

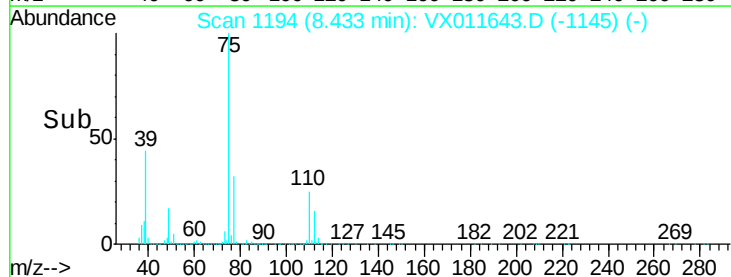
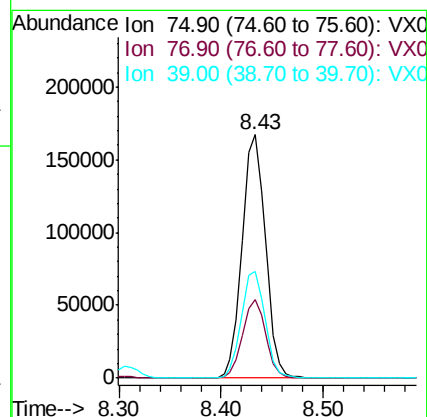
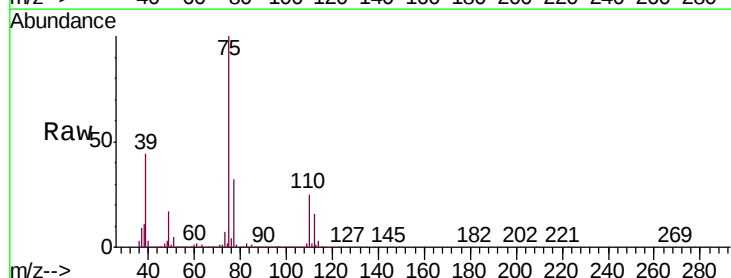
Tgt Ion: 75 Resp: 265205

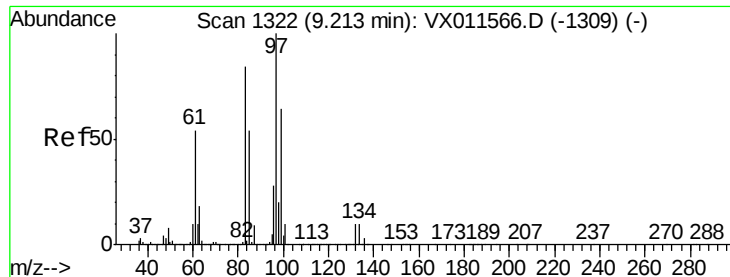
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 43.6 33.6 50.4

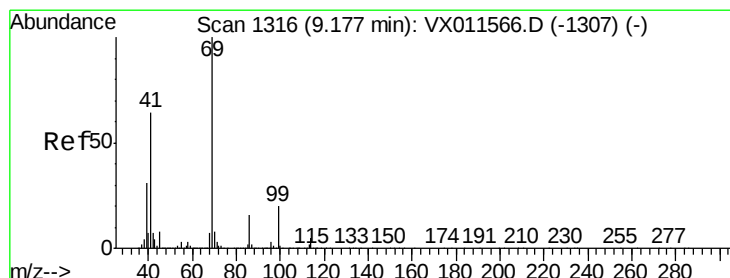
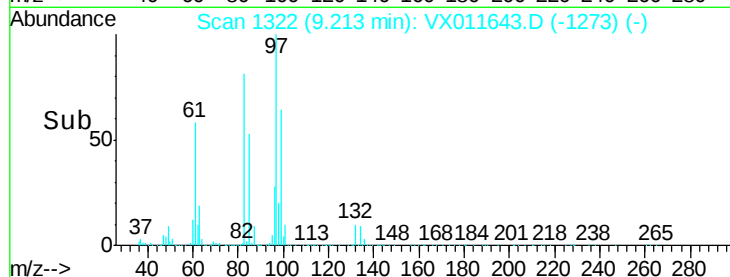
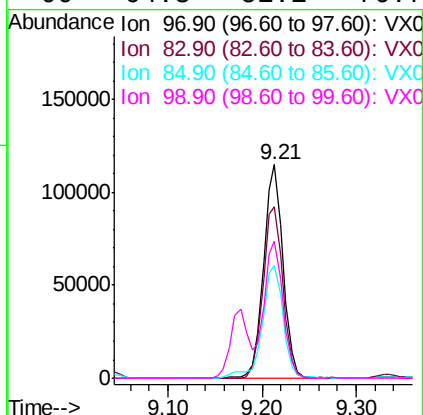
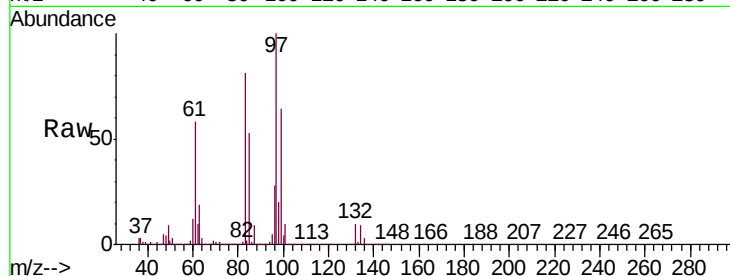




#55
 1,1,2-Trichloroethane
 Concen: 49.161 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

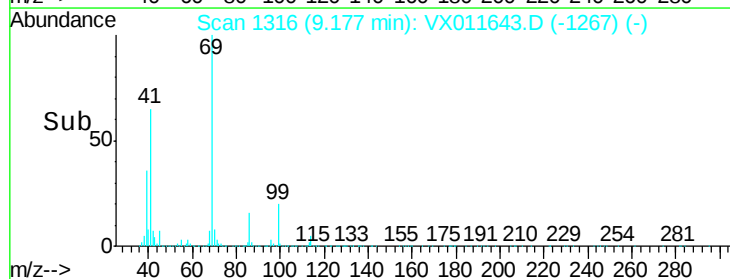
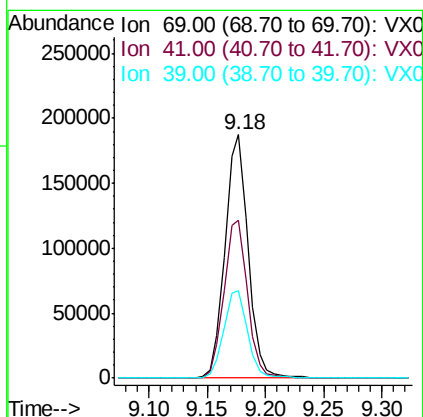
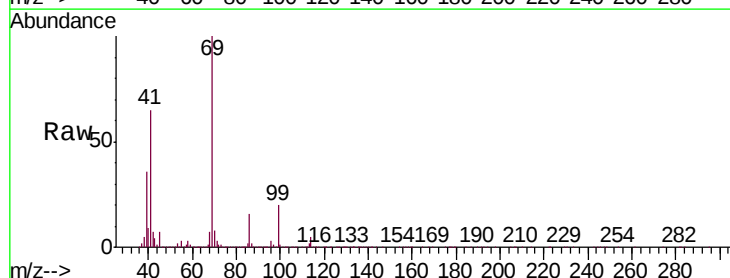
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

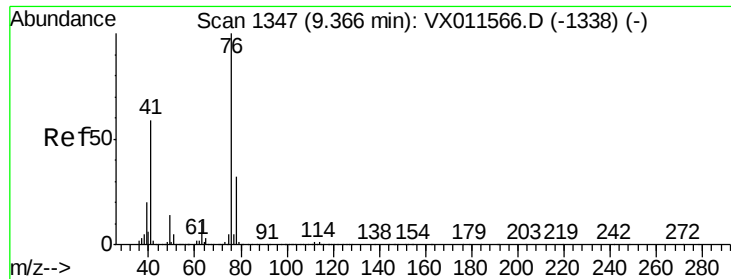
Tgt Ion:	97	Resp:	167464
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.4	101.0
85	52.7	43.4	65.2
99	64.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 51.895 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion:	69	Resp:	256934
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.1	78.1
39	36.6	25.4	38.0





#57

1,3-Dichloropropane

Concen: 49.154 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

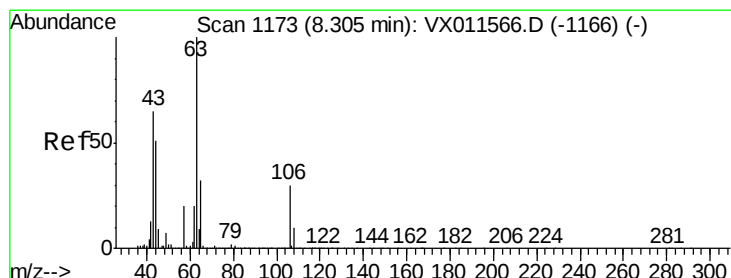
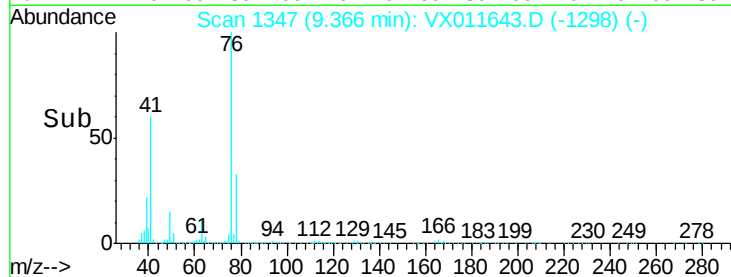
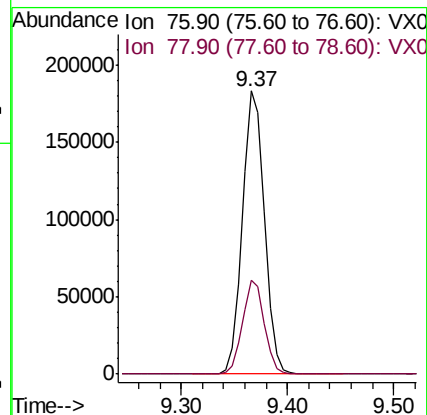
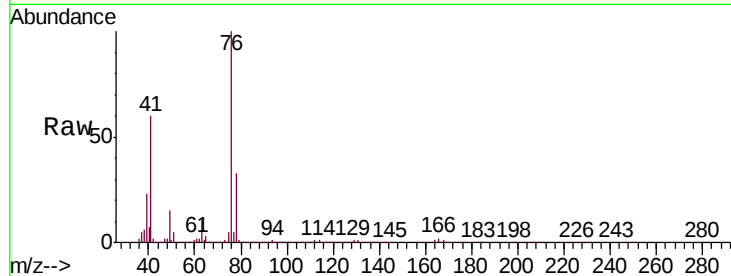
VSTDCCC050EC

Tgt Ion: 76 Resp: 266157

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.298 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011643.D

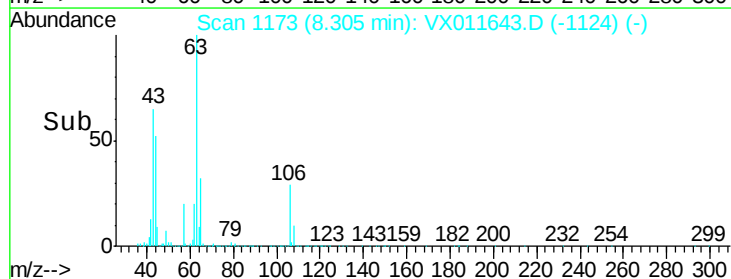
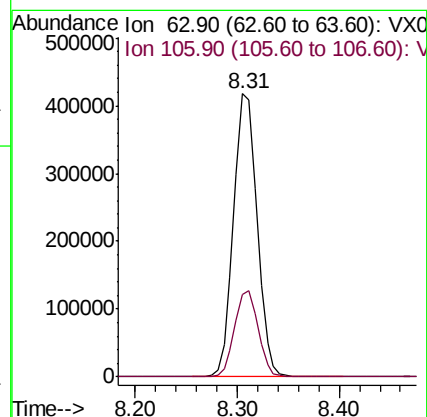
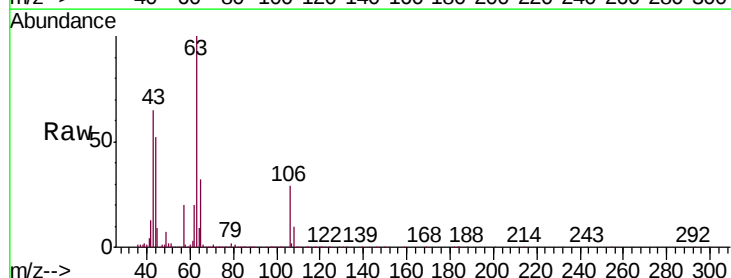
Acq: 19 Aug 2019 19:37

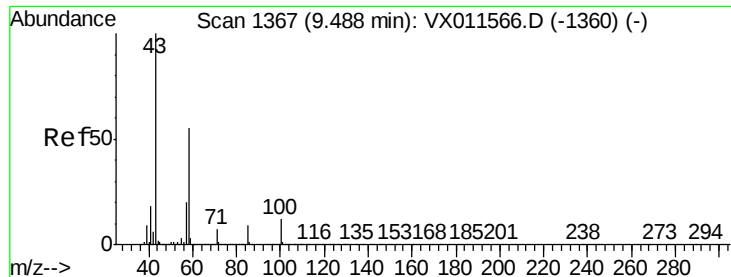
Tgt Ion: 63 Resp: 664338

Ion Ratio Lower Upper

63 100

106 30.6 24.7 37.1

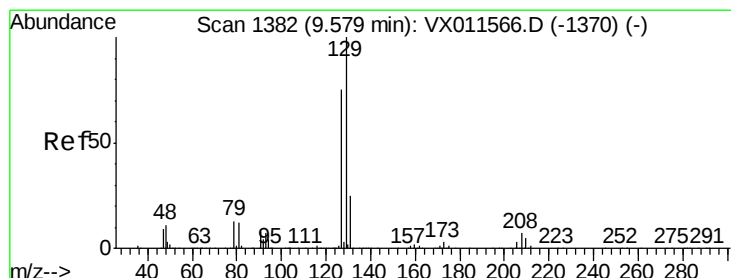
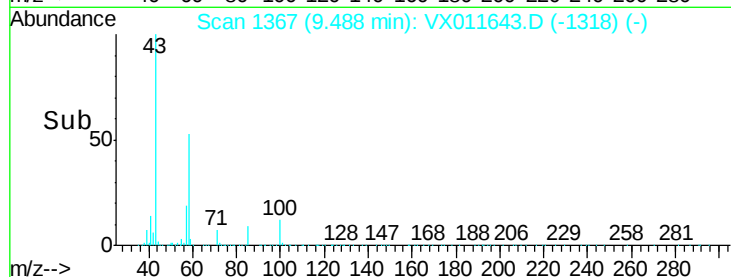
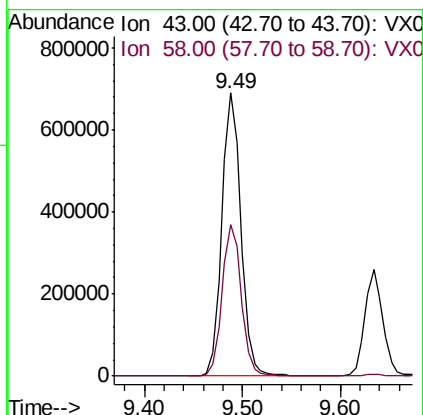
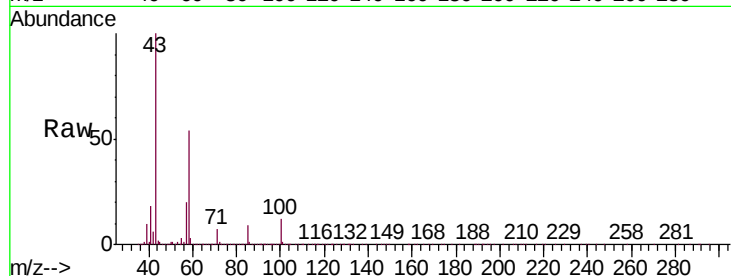




#59
2-Hexanone
Concen: 254.636 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

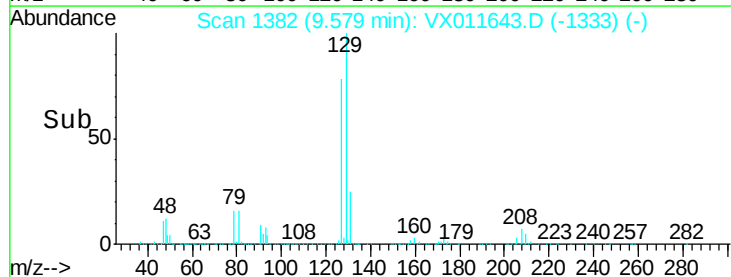
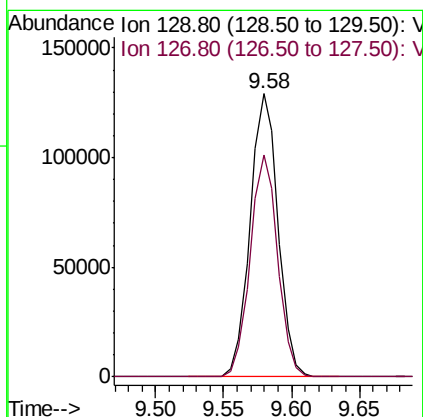
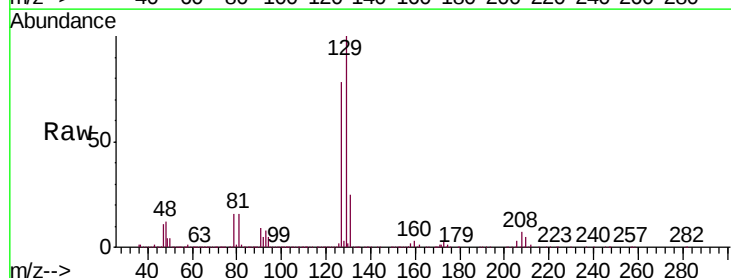
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

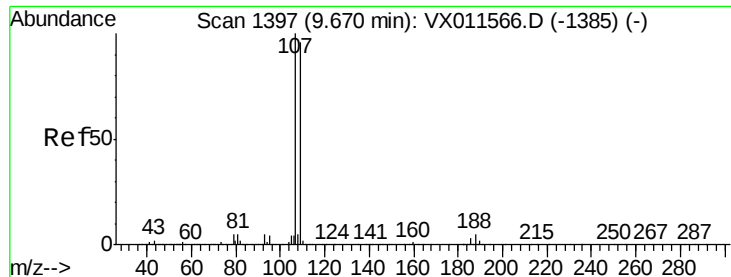
Tgt Ion: 43 Resp: 933464
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4



#60
Dibromochloromethane
Concen: 52.497 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 129 Resp: 186319
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.682 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

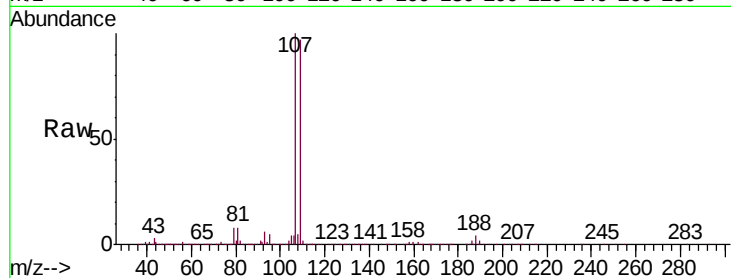
VSTDCCC050EC

Tgt Ion: 107 Resp: 180618

Ion Ratio Lower Upper

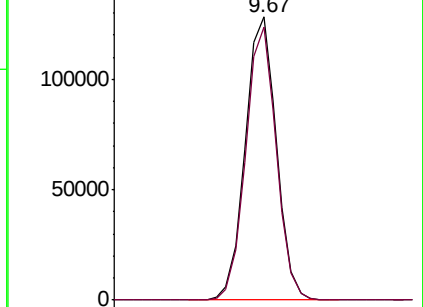
107 100

109 94.9 76.2 114.2

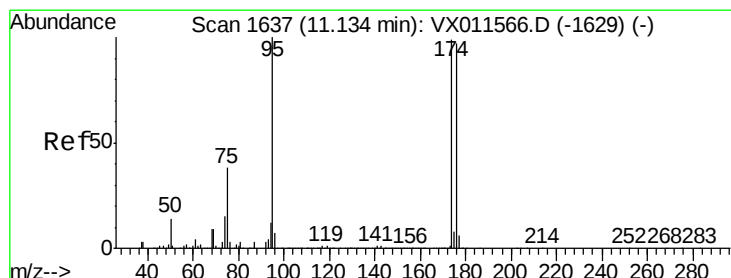
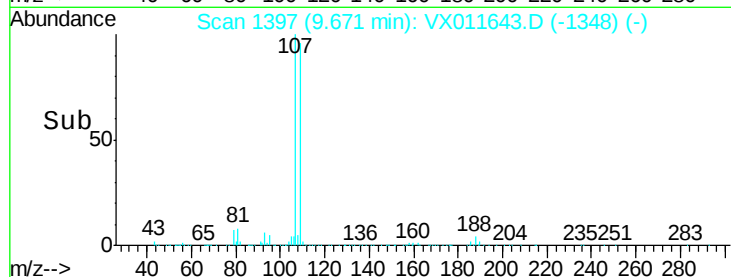


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.213 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

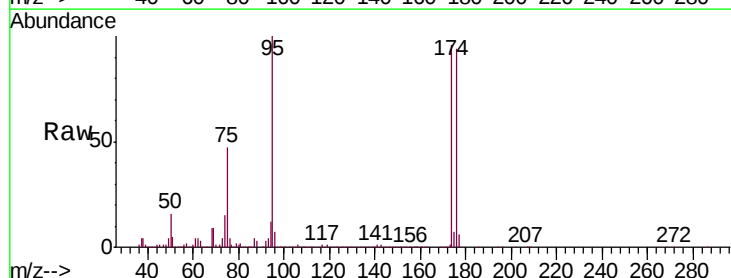
Tgt Ion: 95 Resp: 204404

Ion Ratio Lower Upper

95 100

174 98.9 0.0 200.6

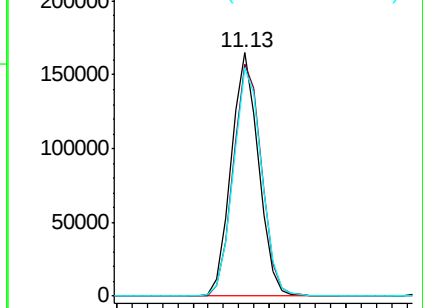
176 96.9 0.0 196.6



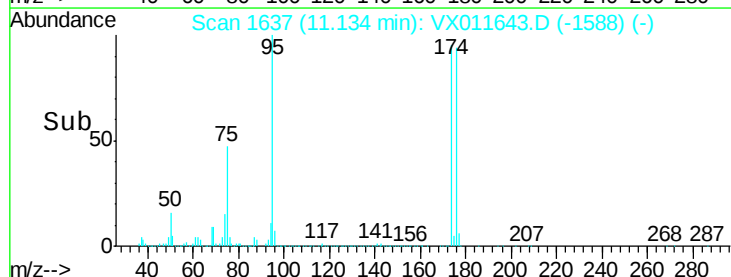
Abundance Ion 94.90 (94.60 to 95.60): VX0

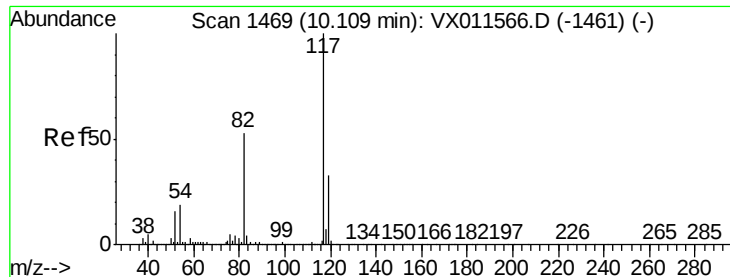
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

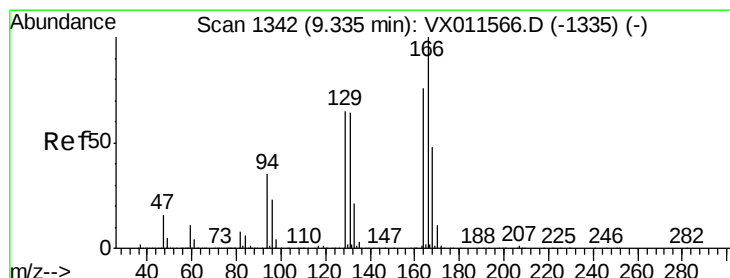
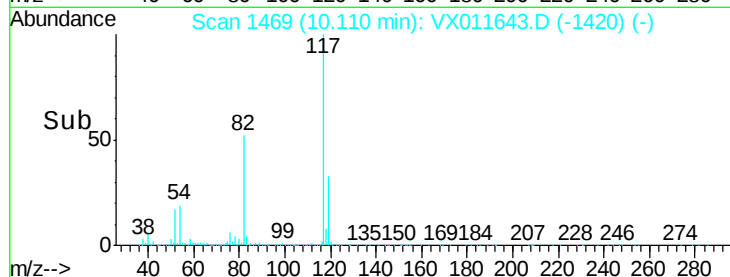
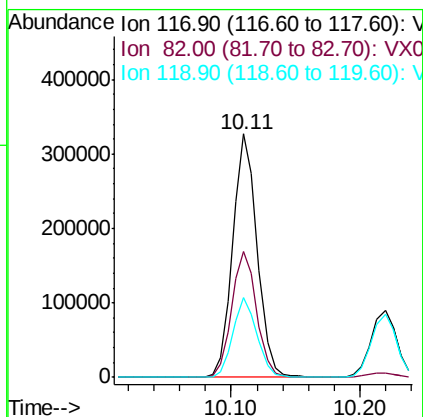
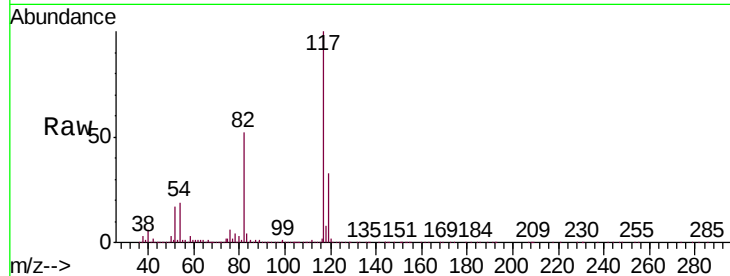




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

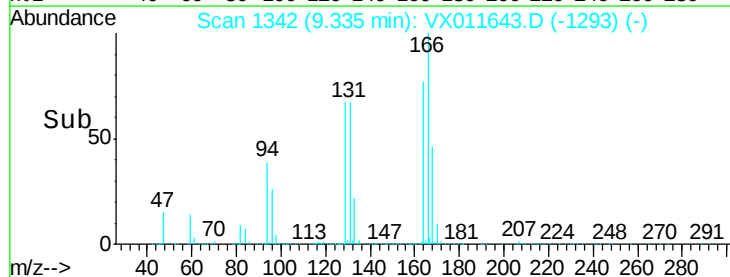
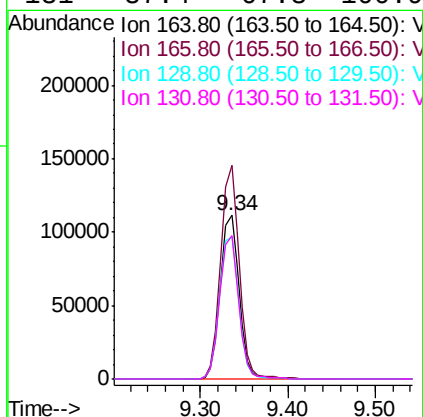
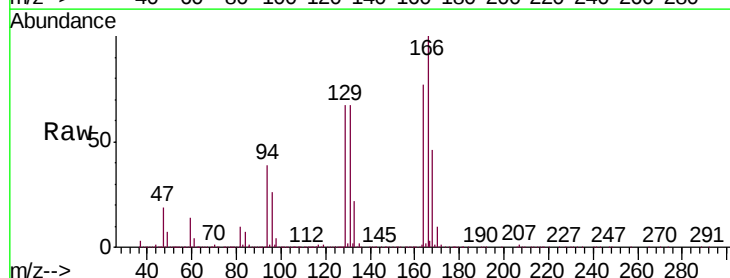
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

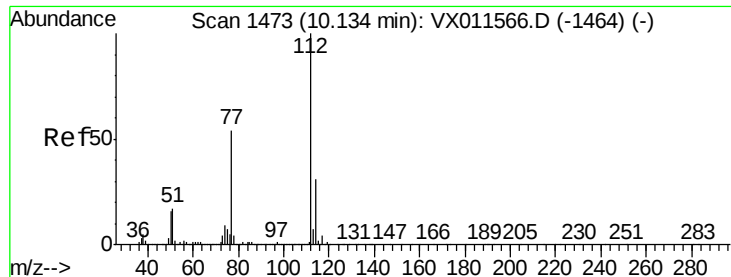
Tgt Ion:117 Resp: 433923
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 46.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion:164 Resp: 166958
Ion Ratio Lower Upper
164 100
166 130.6 104.7 157.1
129 87.1 68.2 102.4
131 87.4 67.3 100.9





#65

Chlorobenzene

Concen: 50.774 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

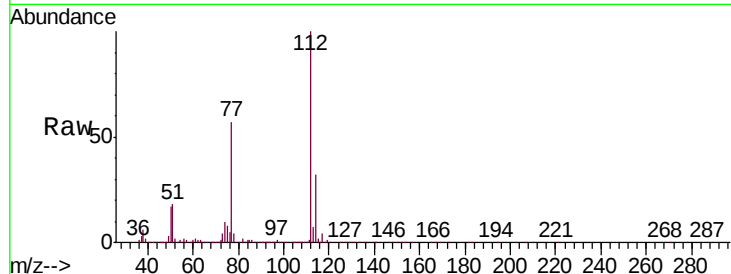
VSTDCCC050EC

Tgt Ion:112 Resp: 469922

Ion Ratio Lower Upper

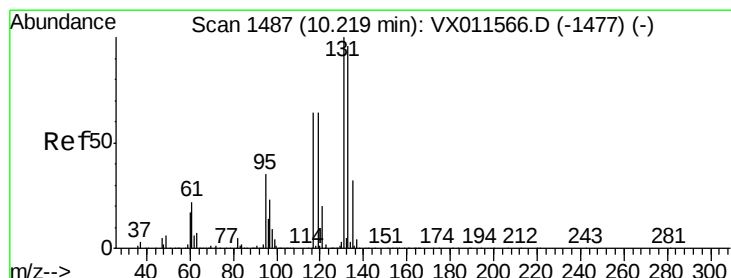
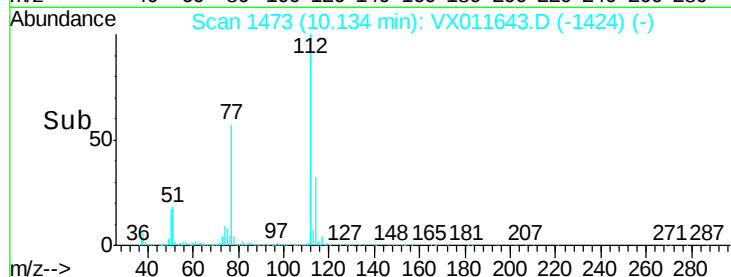
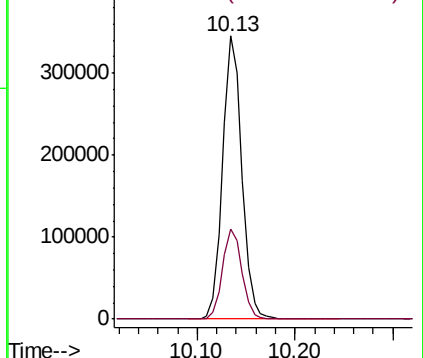
112 100

114 31.8 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.290 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

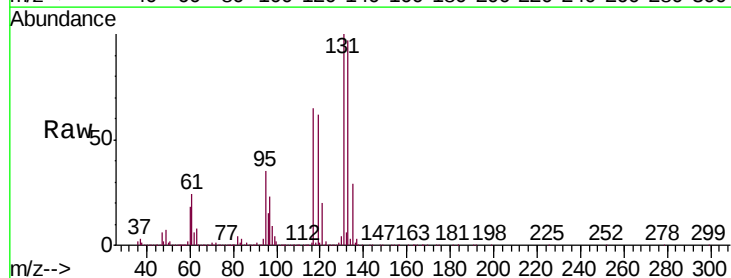
Tgt Ion:131 Resp: 184346

Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

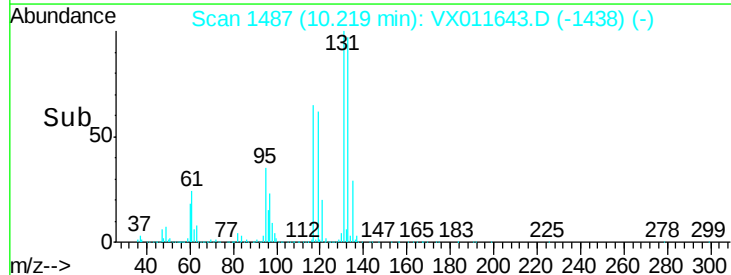
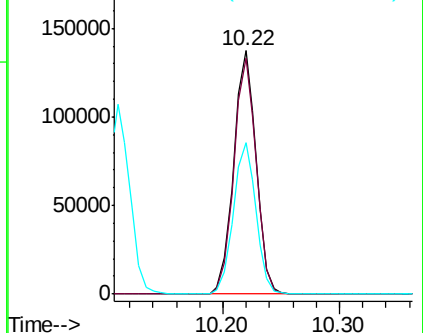
119 62.6 31.3 93.8

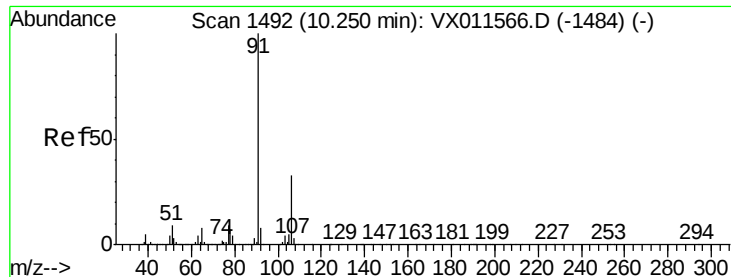


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

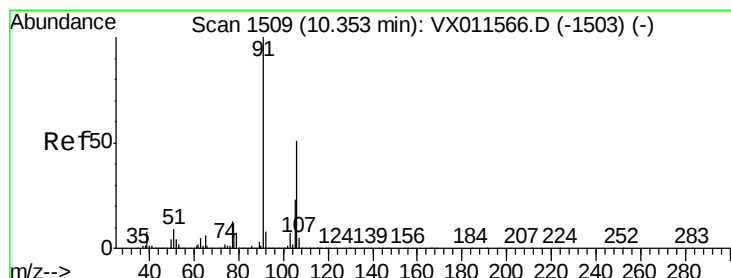
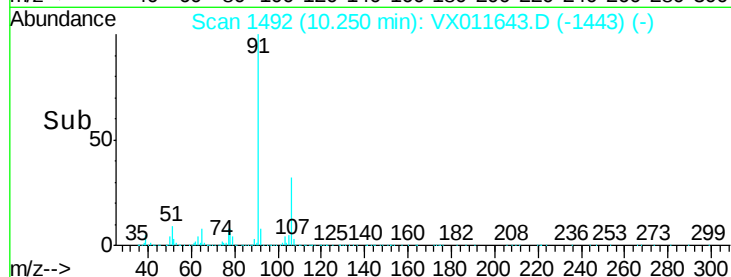
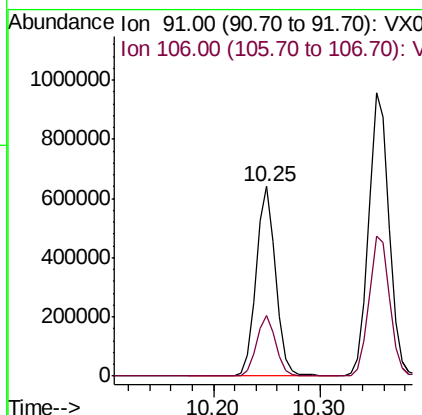
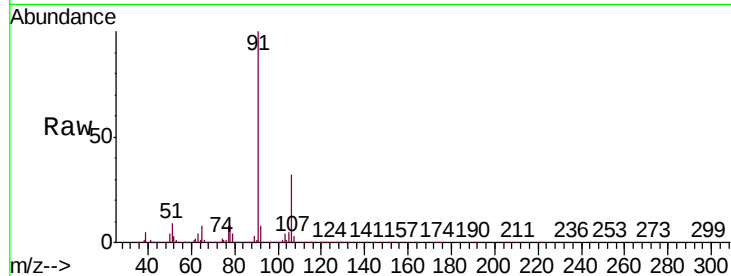




#67
Ethyl Benzene
Concen: 53.136 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

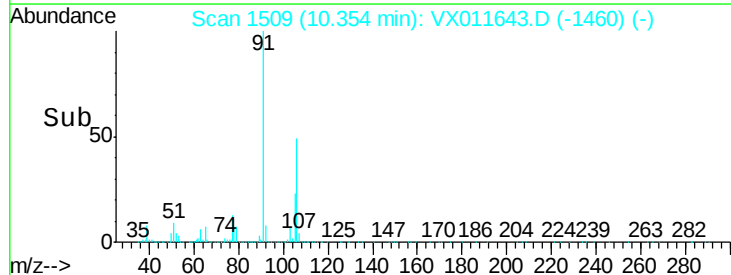
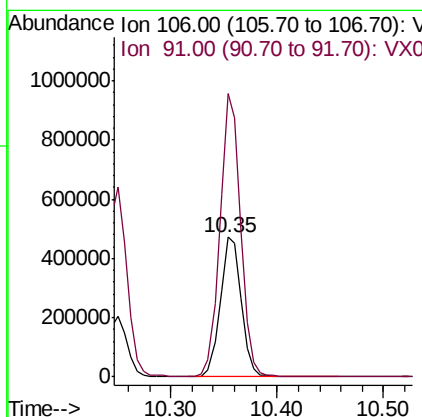
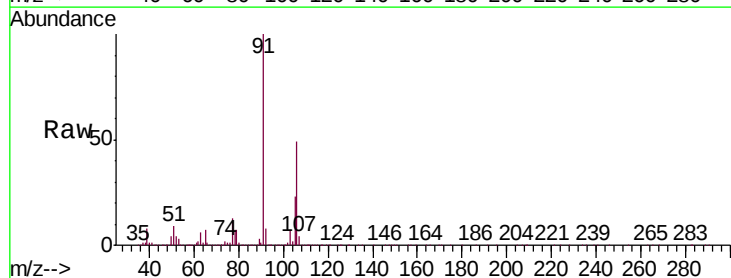
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

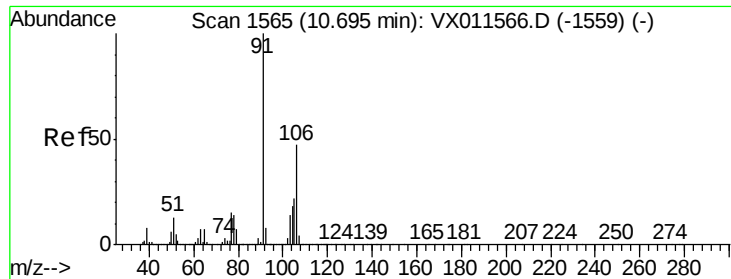
Tgt Ion: 91 Resp: 820742
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0



#68
m/p-Xylenes
Concen: 109.110 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 106 Resp: 646911
Ion Ratio Lower Upper
106 100
91 199.2 156.0 234.0

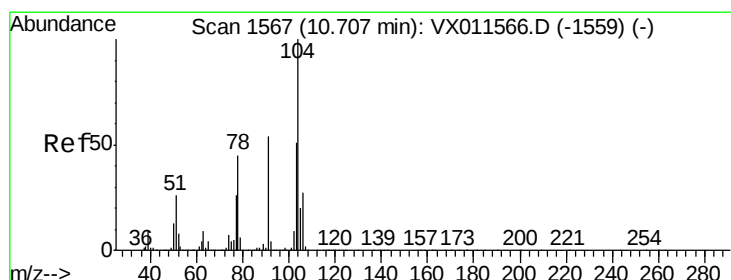
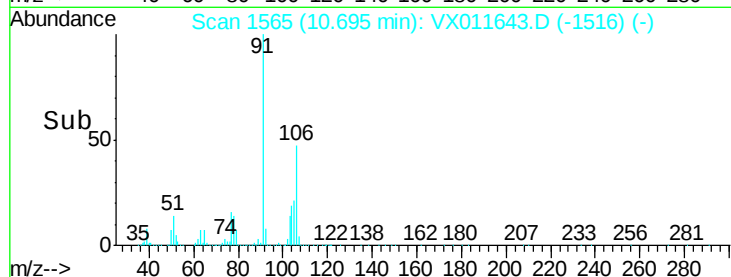
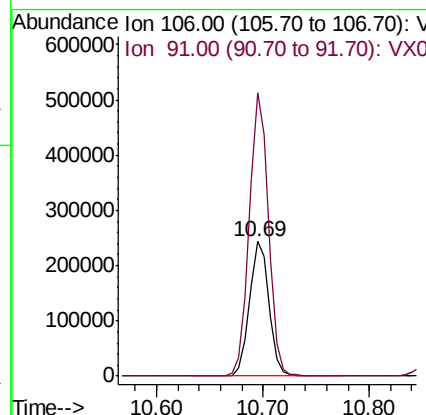
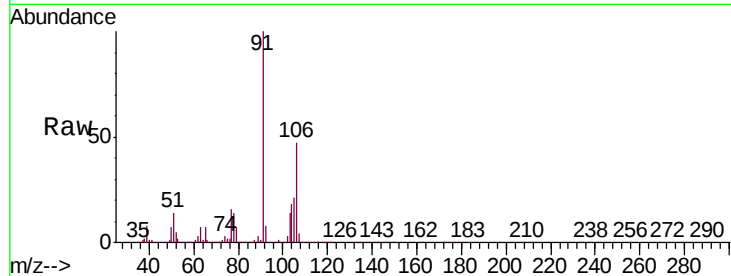




#69
o-Xylene
Concen: 53.915 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

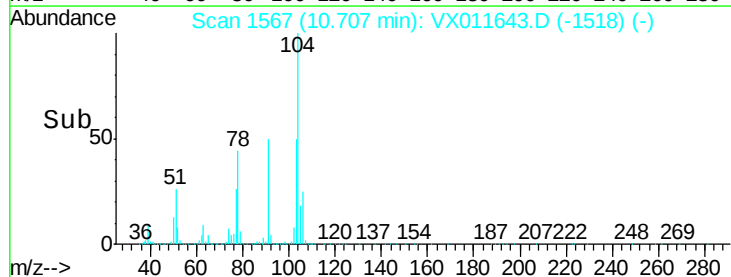
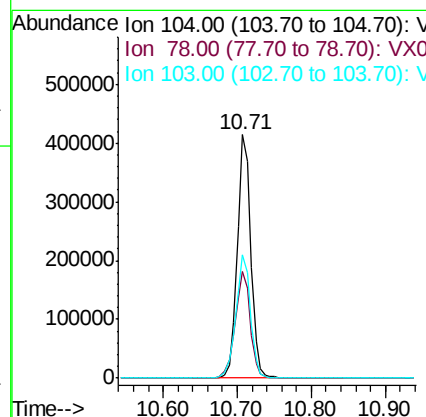
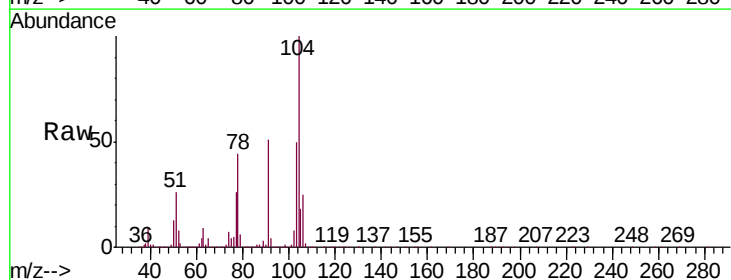
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

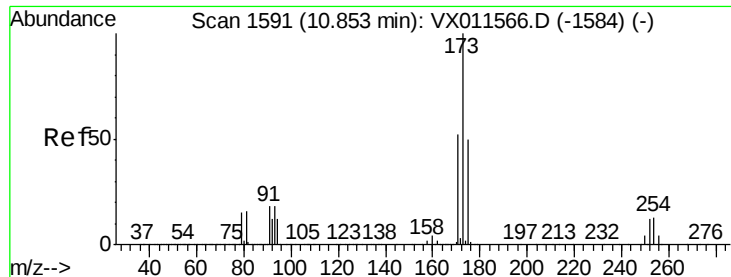
Tgt Ion:106 Resp: 313120
Ion Ratio Lower Upper
106 100
91 207.8 105.5 316.4



#70
Styrene
Concen: 54.179 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion:104 Resp: 529699
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 48.634 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

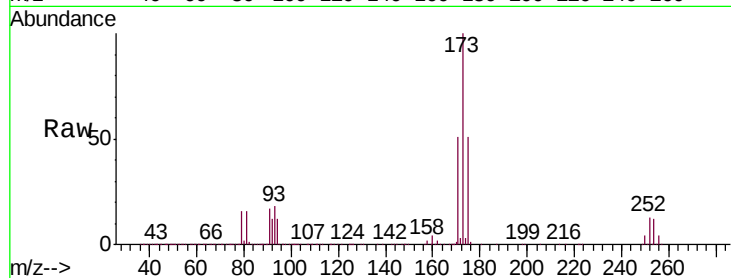
Tgt Ion:173 Resp: 163167

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

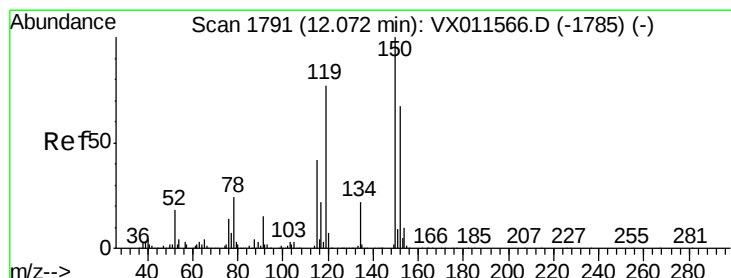
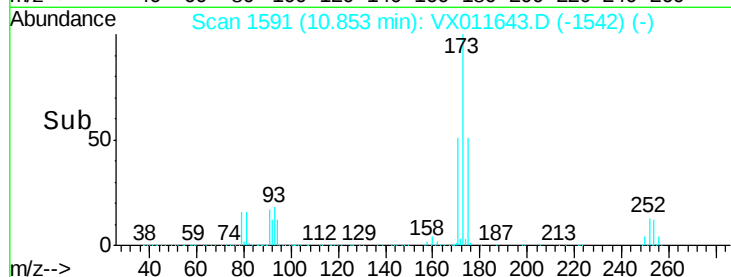
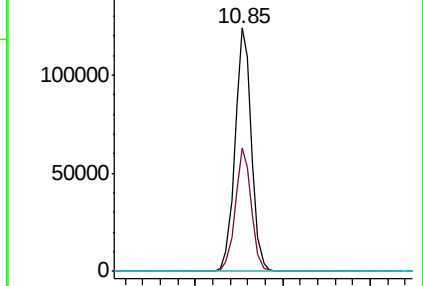
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

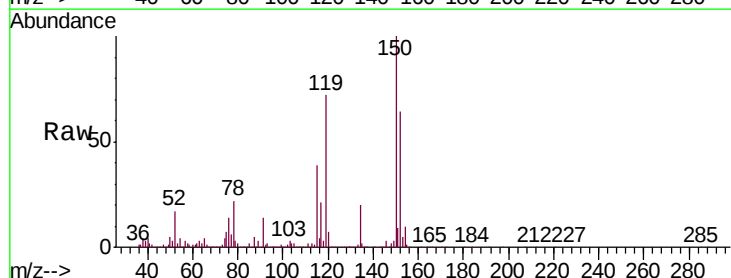
Tgt Ion:152 Resp: 248613

Ion Ratio Lower Upper

152 100

115 75.3 37.3 111.9

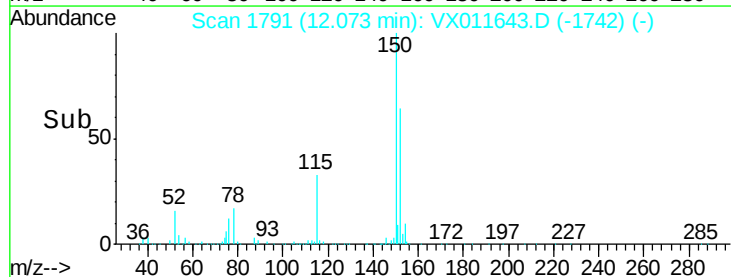
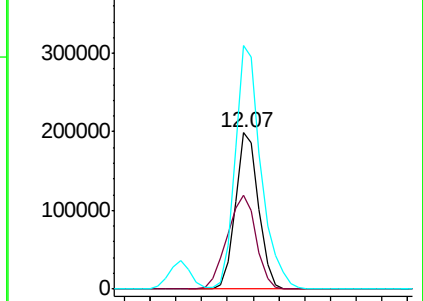
150 172.7 0.0 346.2

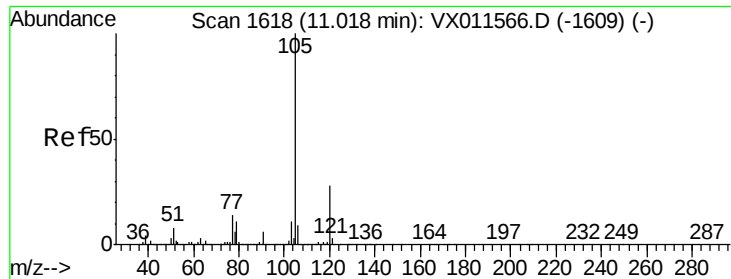


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.866 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

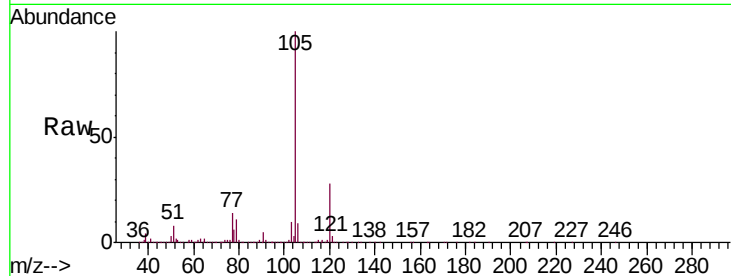
VSTDCCC050EC

Tgt Ion: 105 Resp: 836711

Ion Ratio Lower Upper

105 100

120 27.6 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

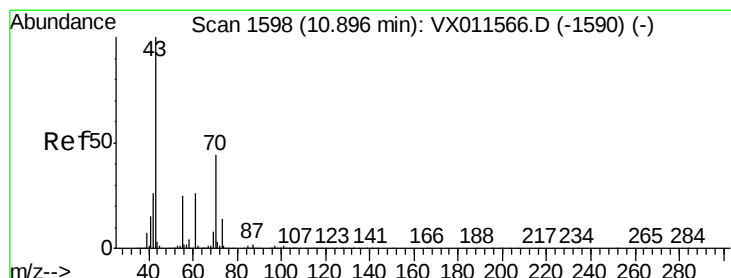
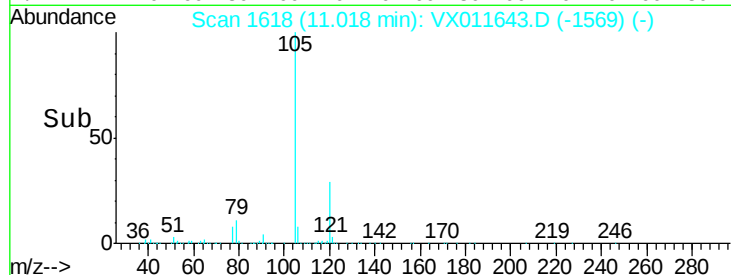
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.577 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Tgt Ion: 43 Resp: 346736

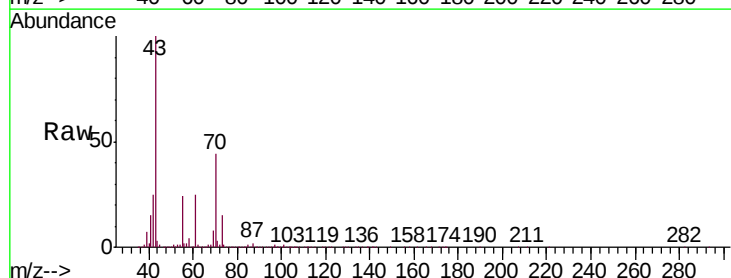
Ion Ratio Lower Upper

43 100

70 43.6 34.7 52.1

55 24.1 19.6 29.4

61 24.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

400000

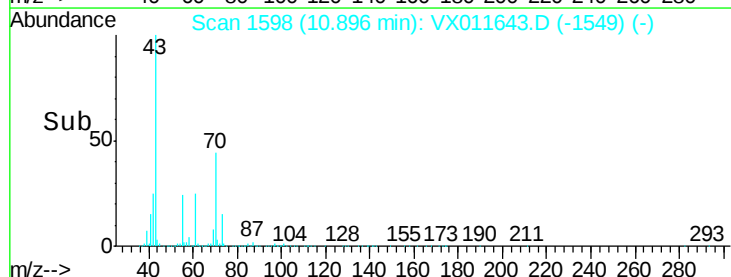
300000

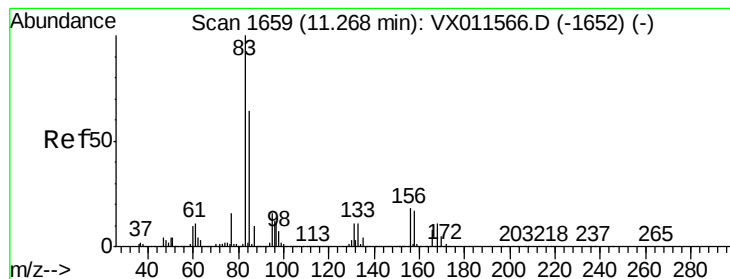
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.589 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

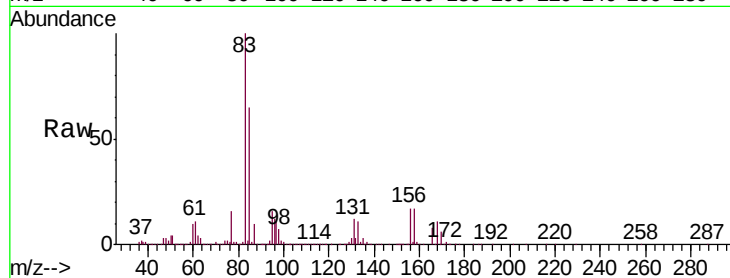
Tgt Ion: 83 Resp: 275196

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

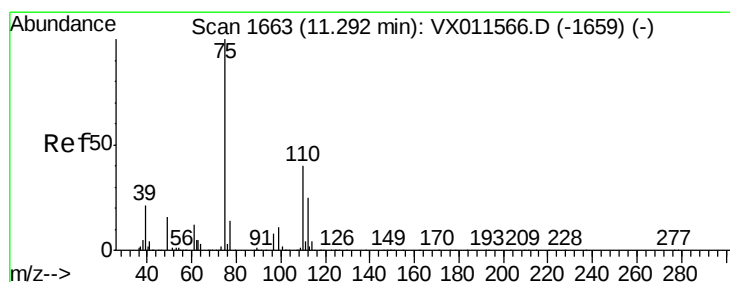
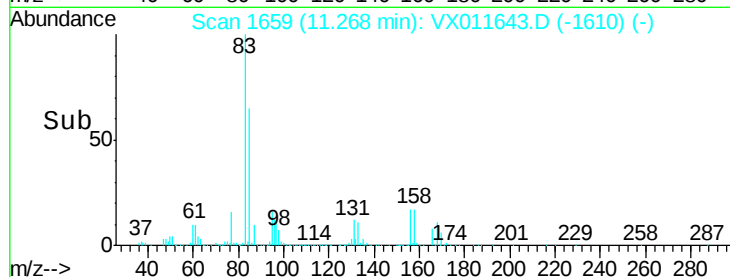
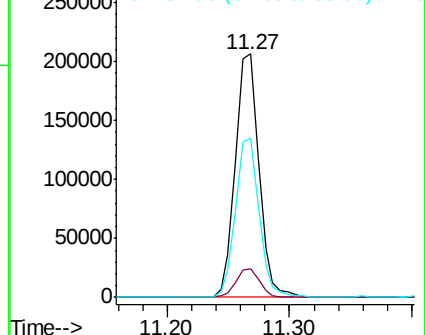
85 65.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.867 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011643.D

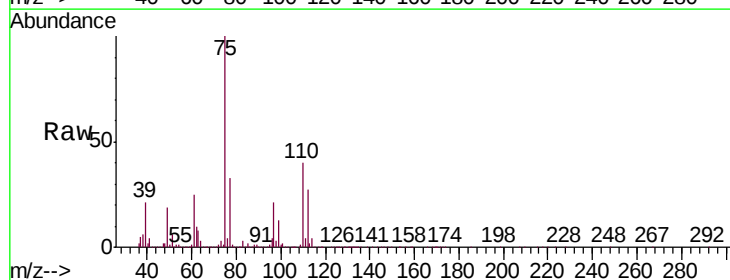
Acq: 19 Aug 2019 19:37

Tgt Ion: 75 Resp: 305800

Ion Ratio Lower Upper

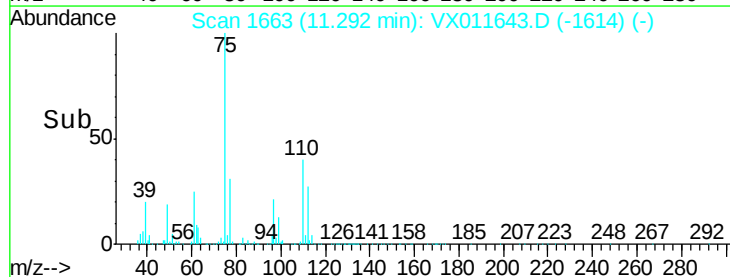
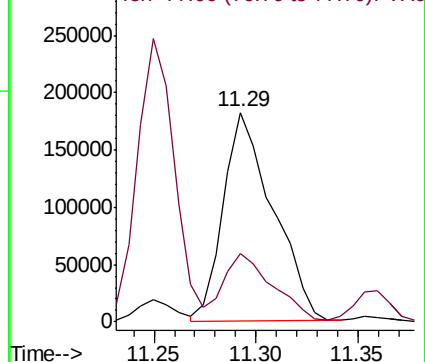
75 100

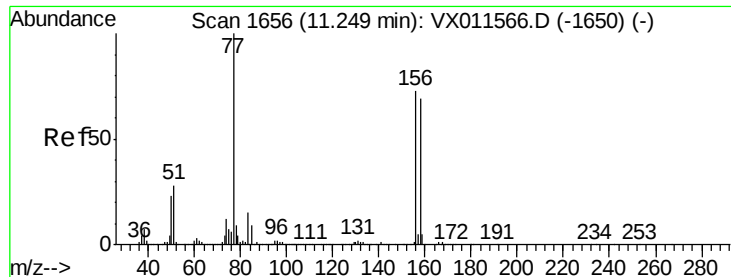
77 32.8 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.037 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

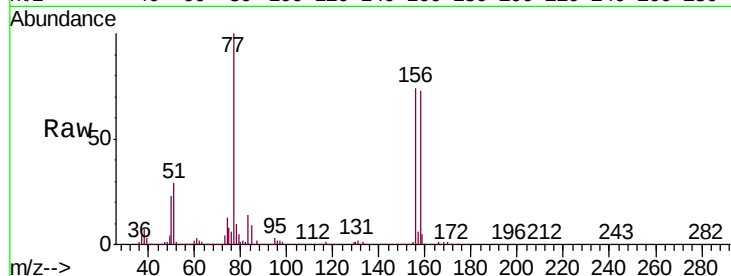
Tgt Ion:156 Resp: 240156

Ion Ratio Lower Upper

156 100

77 130.6 64.6 193.9

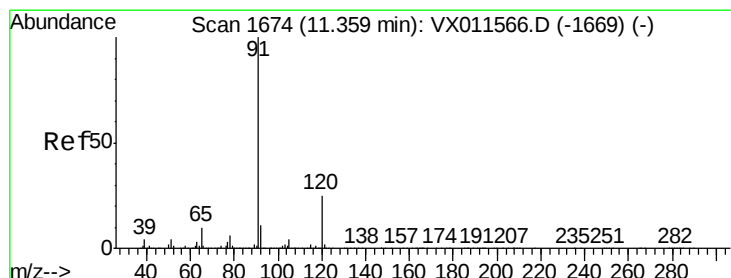
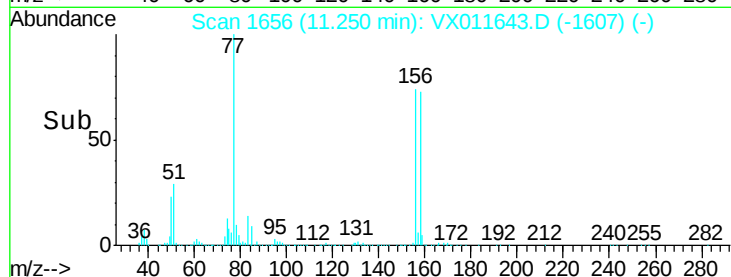
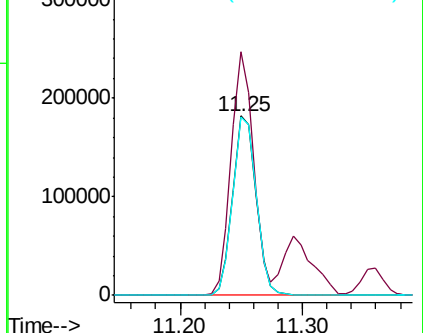
158 99.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.407 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011643.D

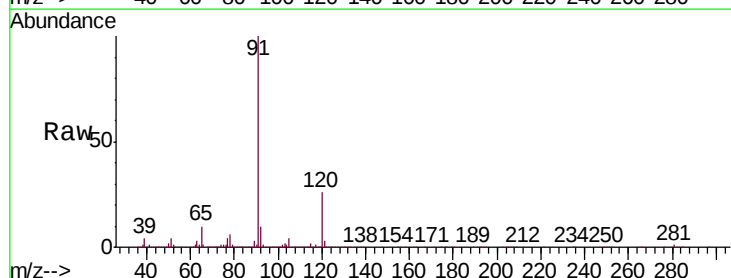
Acq: 19 Aug 2019 19:37

Tgt Ion: 91 Resp: 911634

Ion Ratio Lower Upper

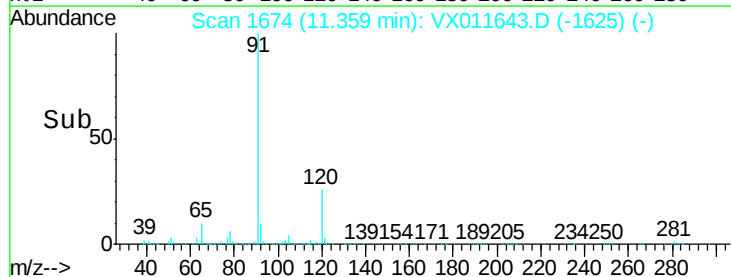
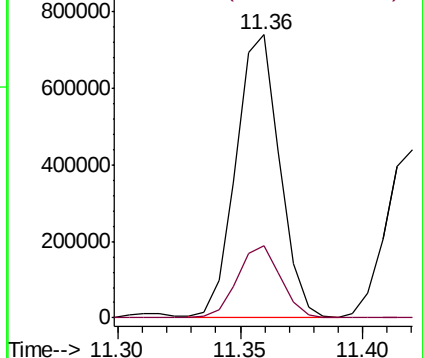
91 100

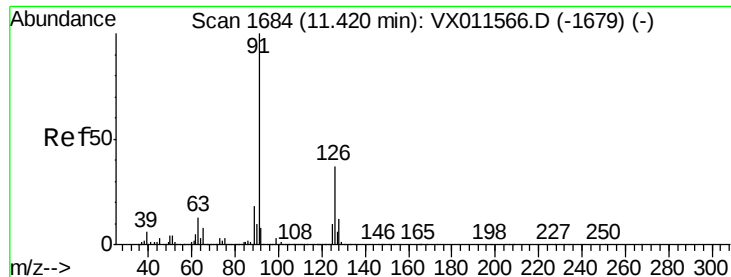
120 25.4 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.404 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

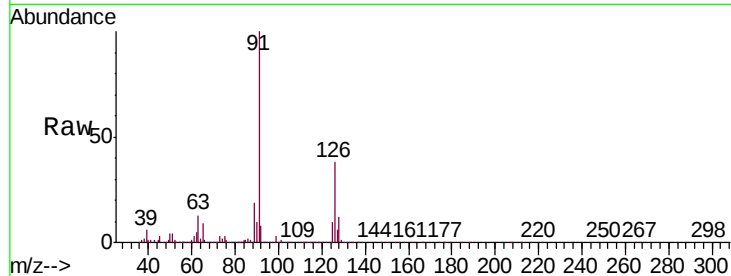
VSTDCCC050EC

Tgt Ion: 91 Resp: 549081

Ion Ratio Lower Upper

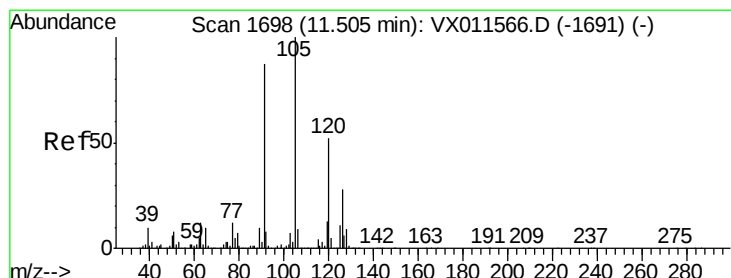
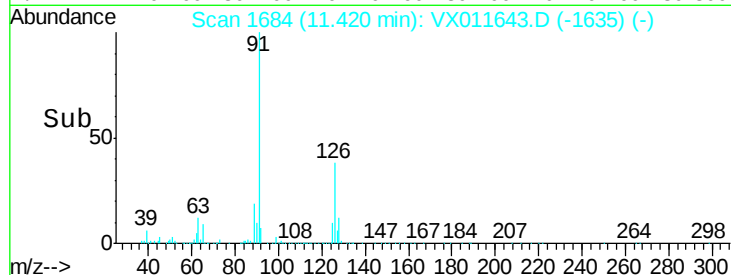
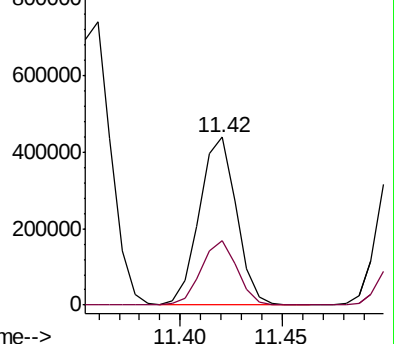
91 100

126 37.5 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.858 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011643.D

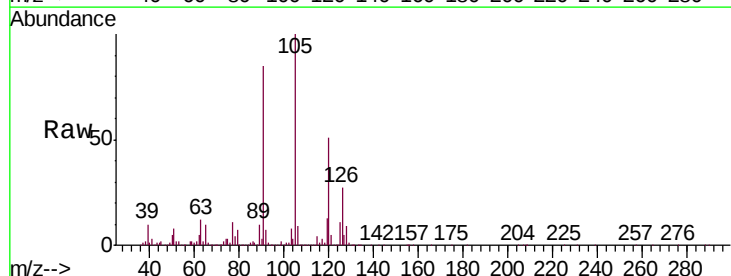
Acq: 19 Aug 2019 19:37

Tgt Ion: 105 Resp: 716306

Ion Ratio Lower Upper

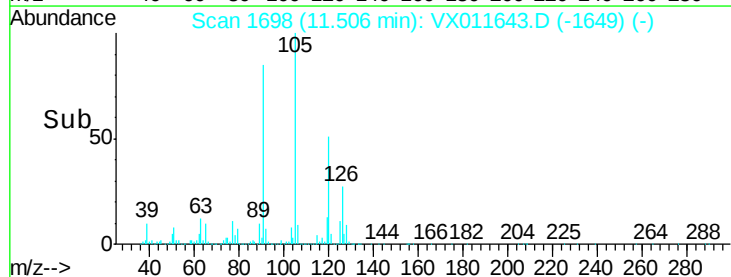
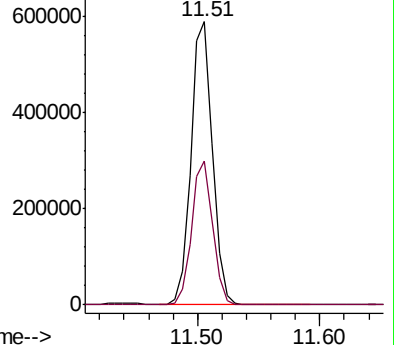
105 100

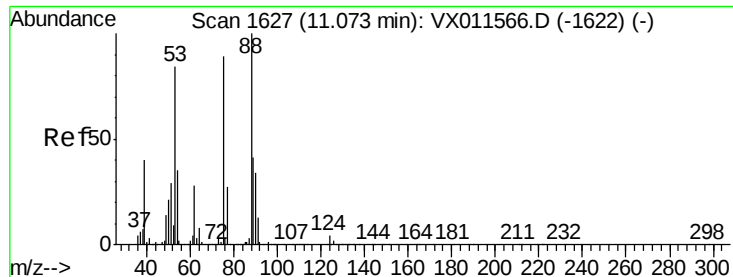
120 50.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

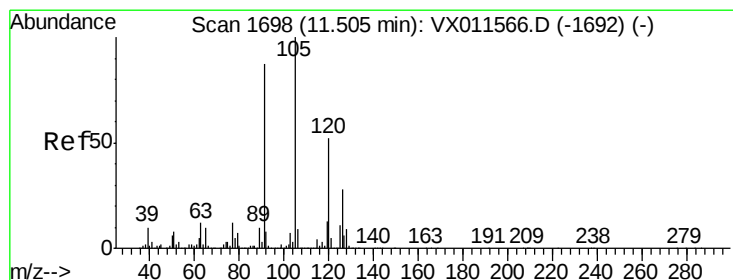
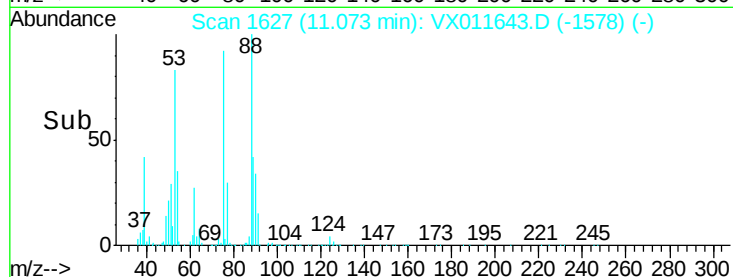
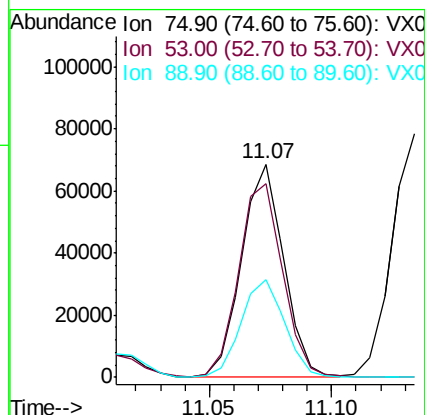
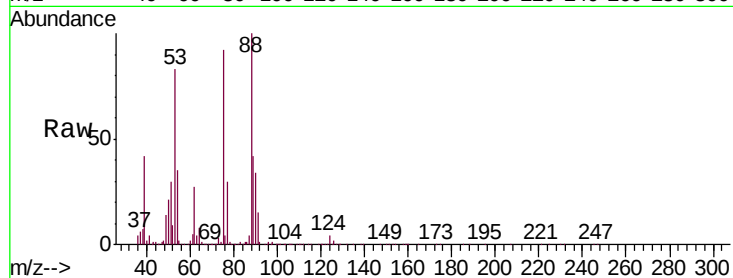




#81
trans-1,4-Dichloro-2-butene
Concen: 47.049 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

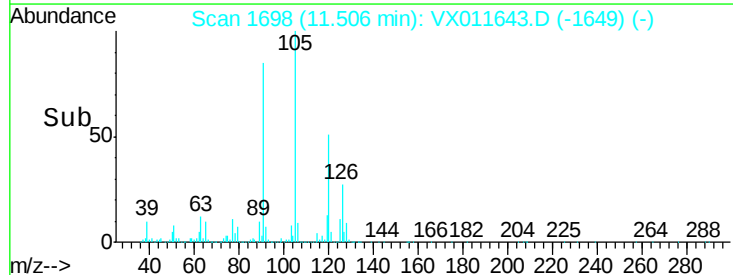
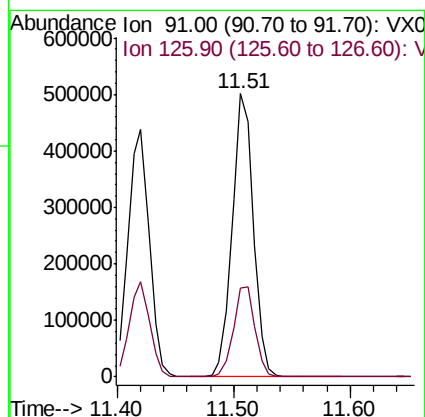
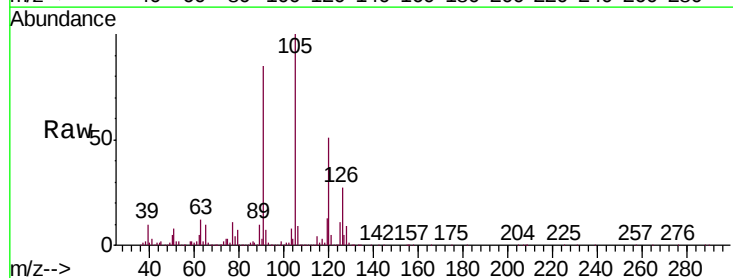
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

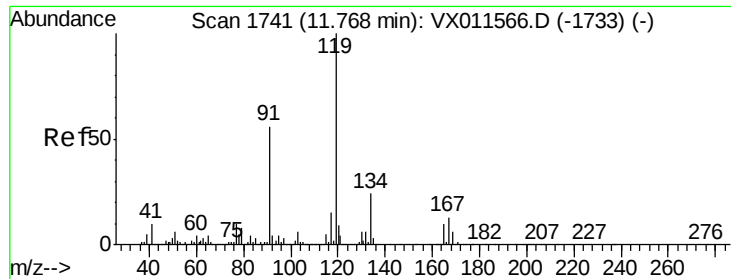
Tgt Ion: 75 Resp: 81371
Ion Ratio Lower Upper
75 100
53 95.1 77.4 116.0
89 48.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.222 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 91 Resp: 634765
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1

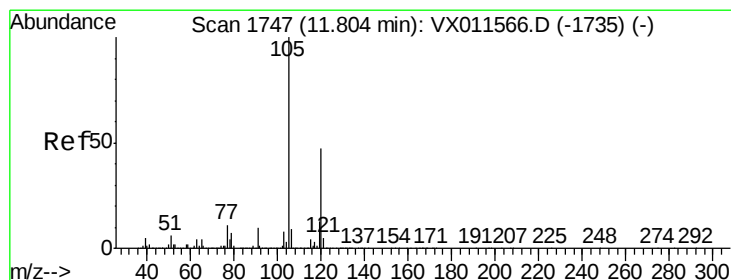
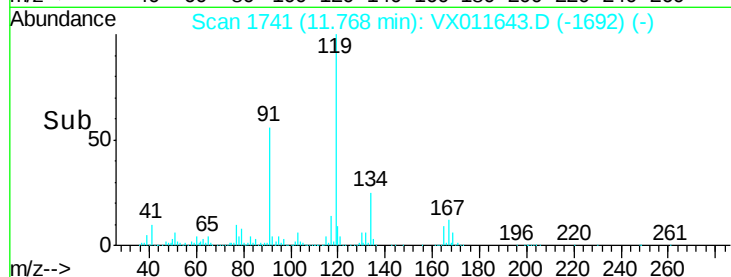
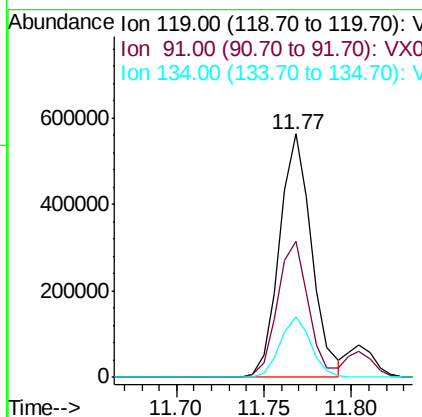
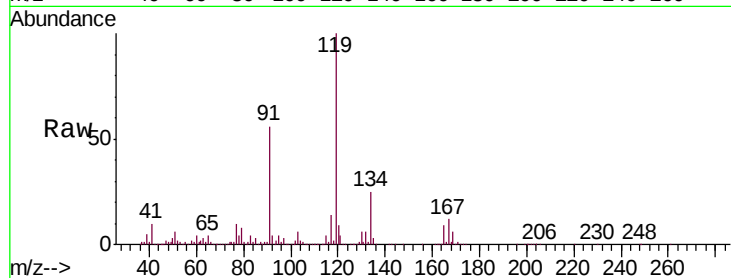




#83
 tert-Butylbenzene
 Concen: 52.322 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

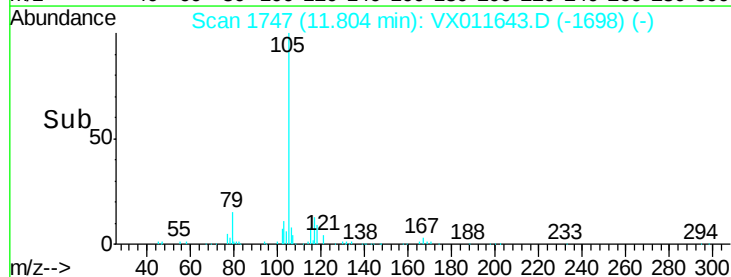
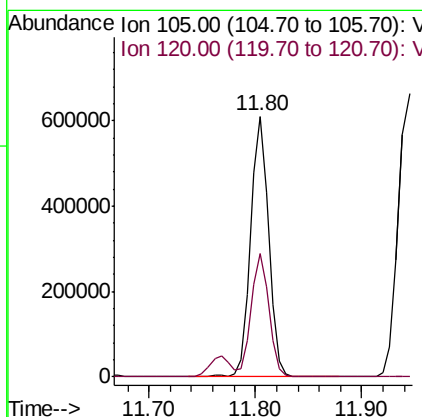
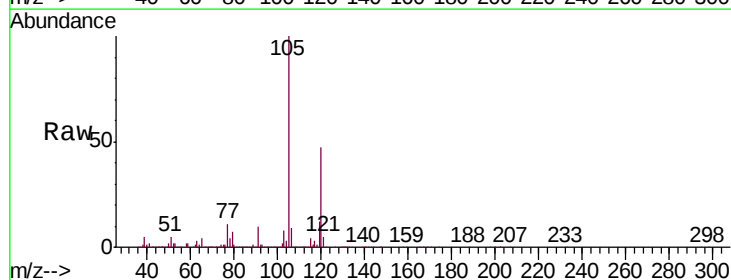
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

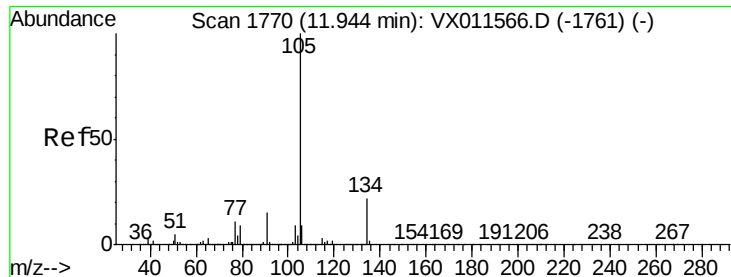
Tgt Ion:119 Resp: 722149
 Ion Ratio Lower Upper
 119 100
 91 54.4 27.1 81.3
 134 23.9 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.434 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion:105 Resp: 726957
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9





#85

sec-Butylbenzene

Concen: 52.301 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

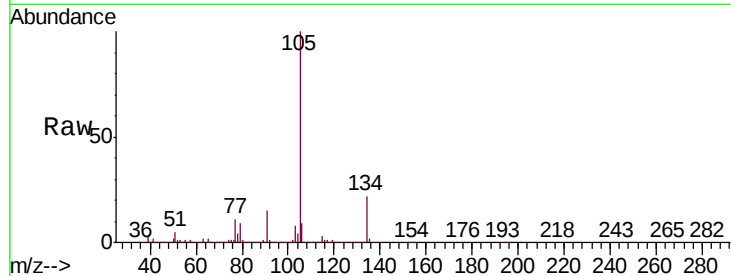
VSTDCCC050EC

Tgt Ion:105 Resp: 814433

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

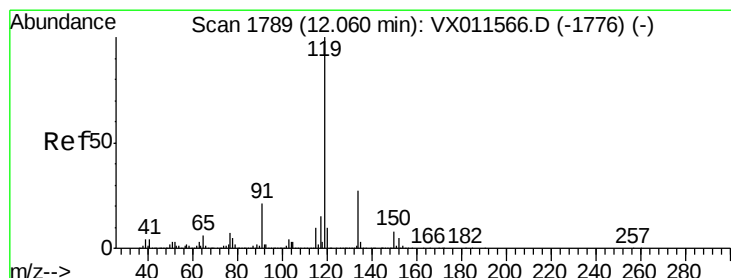
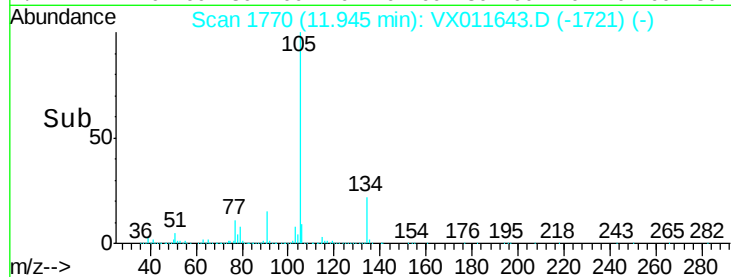
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.319 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

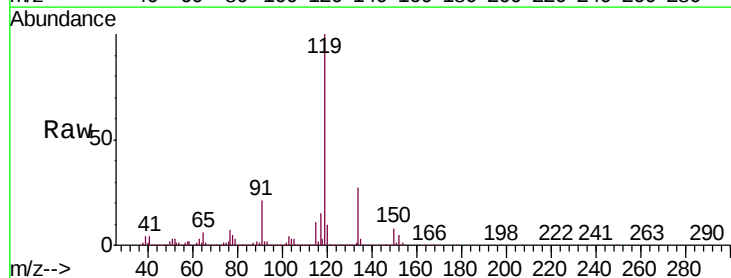
Tgt Ion:119 Resp: 781104

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.8 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

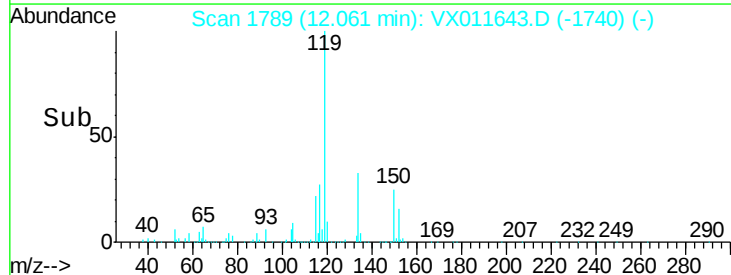
600000

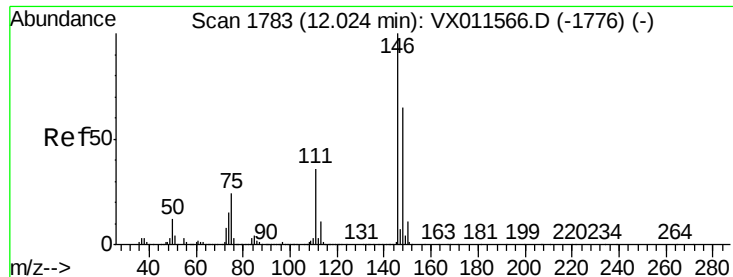
400000

200000

0

Time-->

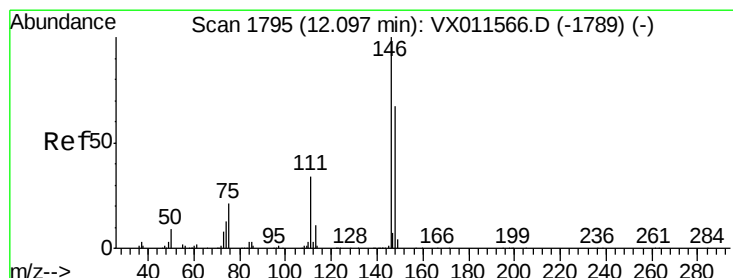
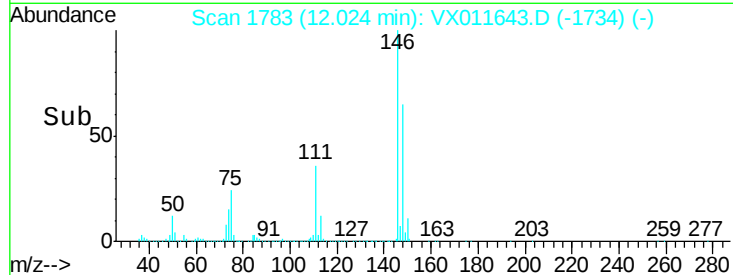
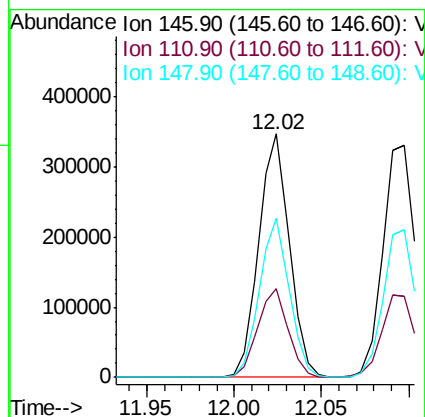
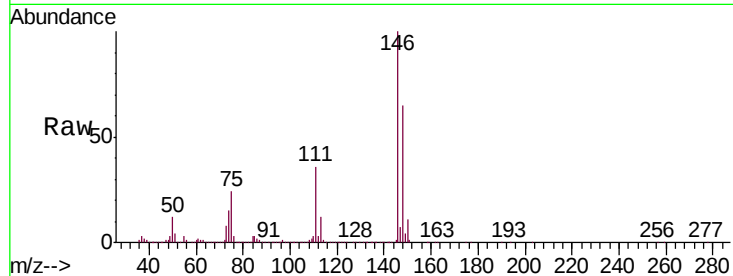




#87
 1,3-Dichlorobenzene
 Concen: 51.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

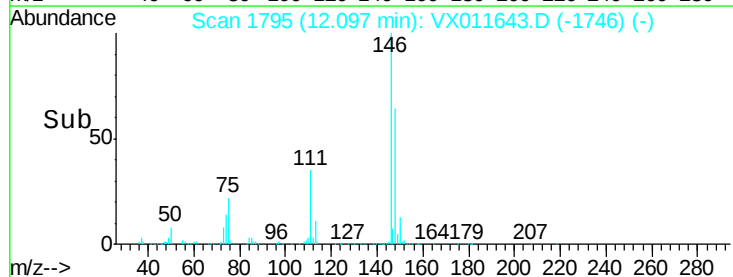
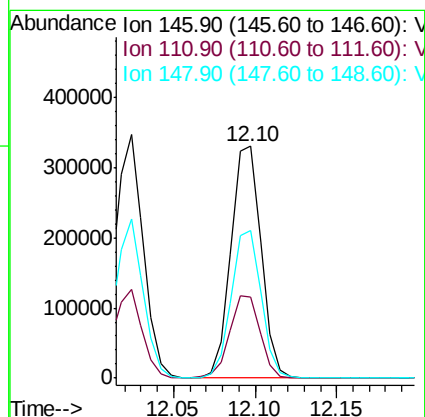
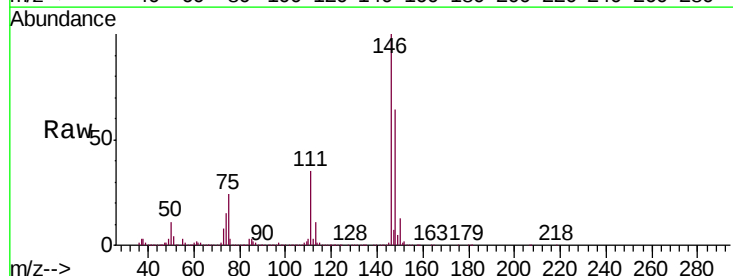
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

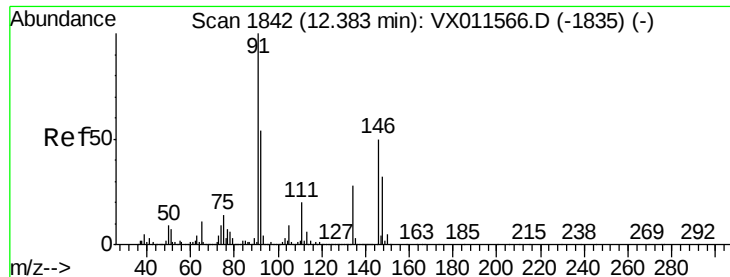
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	64.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.844 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.7
148	63.3	32.5	97.5

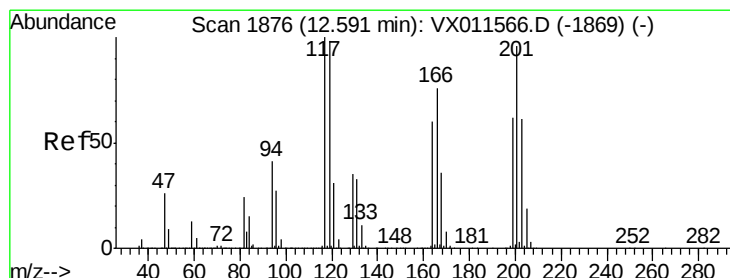
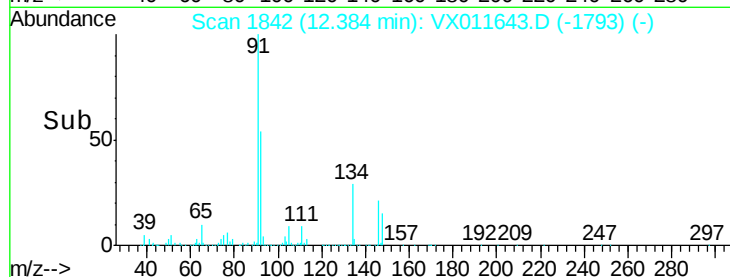
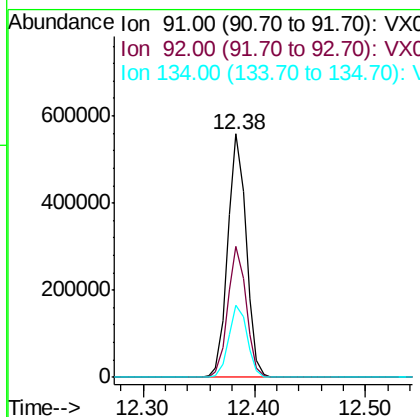
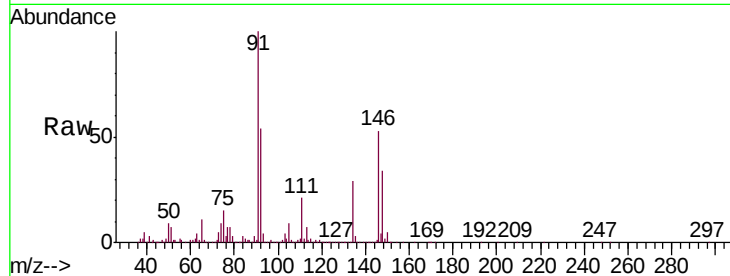




#89
n-Butylbenzene
Concen: 52.945 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

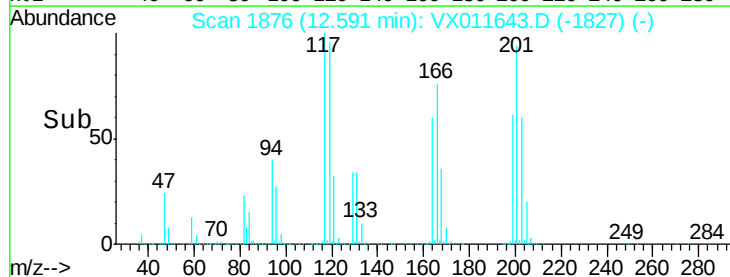
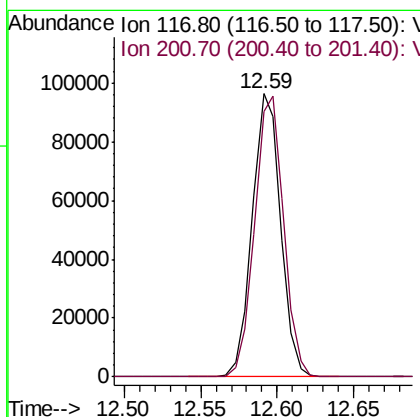
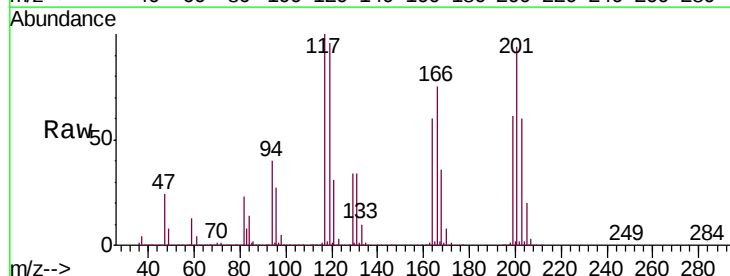
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

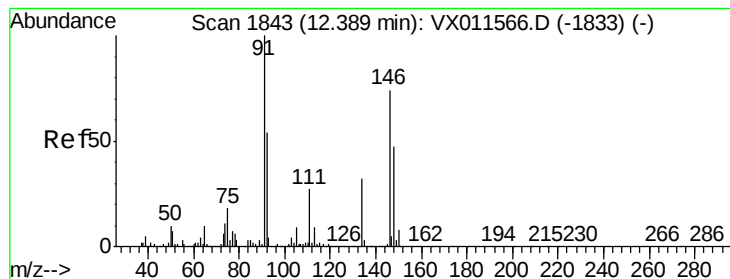
Tgt Ion: 91 Resp: 637672
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 29.7 14.6 44.0



#90
Hexachloroethane
Concen: 53.779 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion: 117 Resp: 124411
Ion Ratio Lower Upper
117 100
201 101.1 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 51.369 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

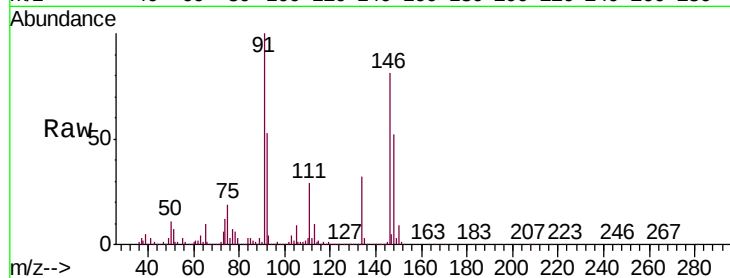
Tgt Ion:146 Resp: 425408

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

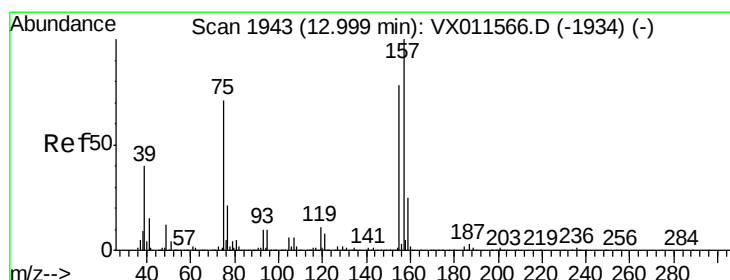
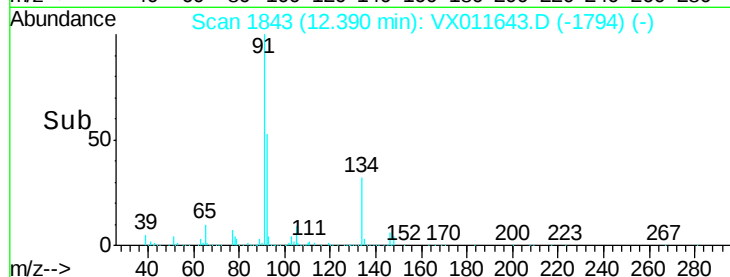
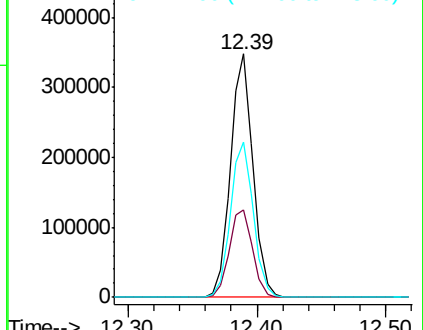
148 64.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.092 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011643.D

Acq: 19 Aug 2019 19:37

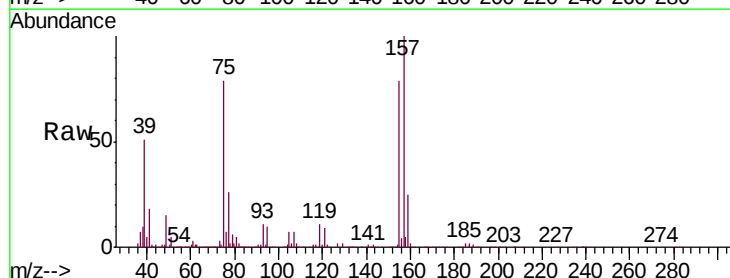
Tgt Ion: 75 Resp: 63598

Ion Ratio Lower Upper

75 100

155 108.2 53.0 159.0

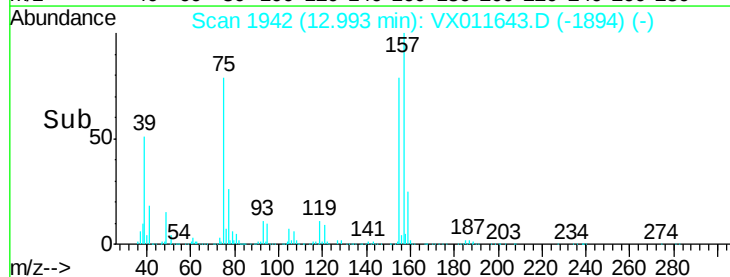
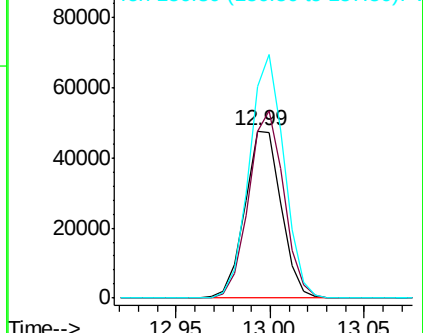
157 139.6 68.3 205.1

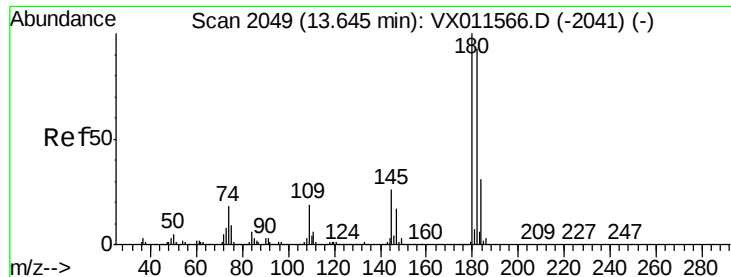


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

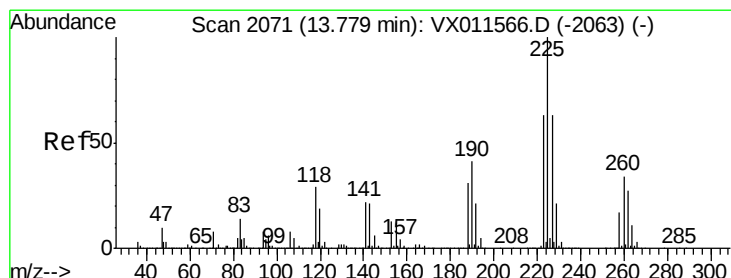
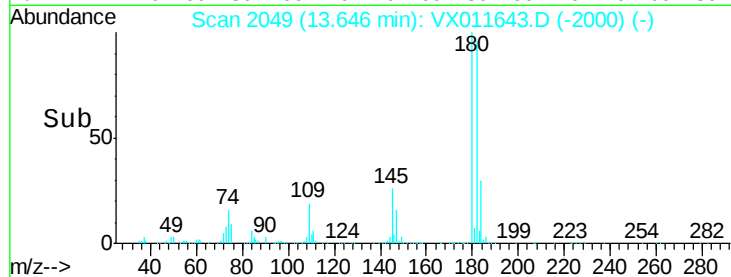
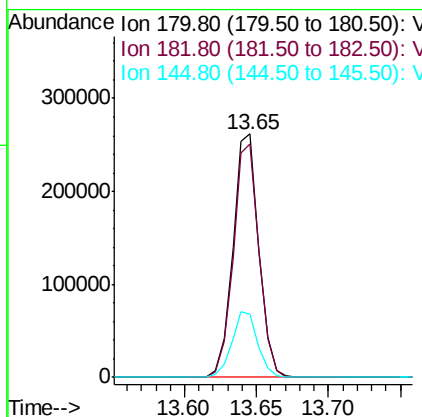
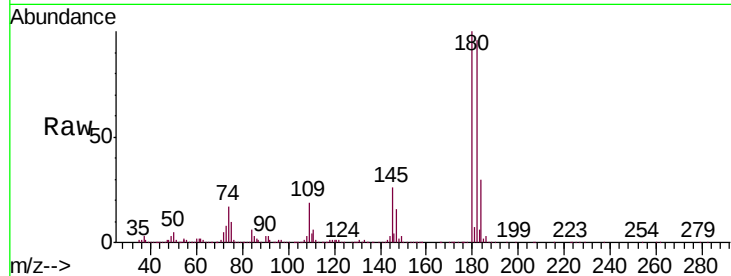




#93
 1,2,4-Trichlorobenzene
 Concen: 52.987 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

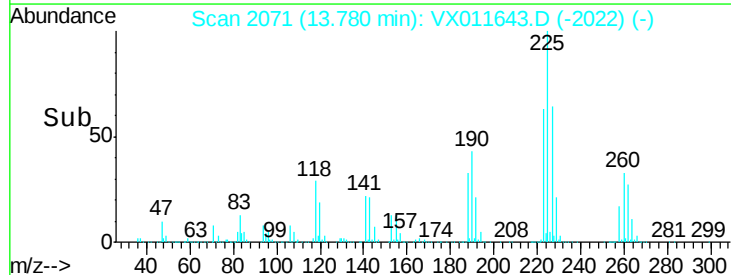
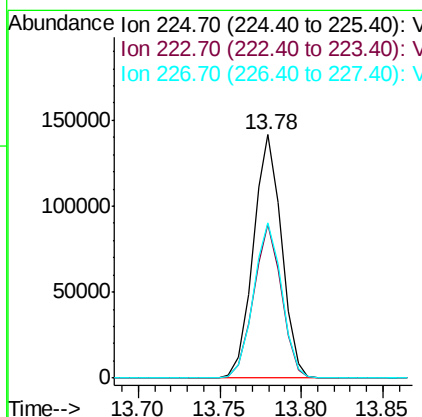
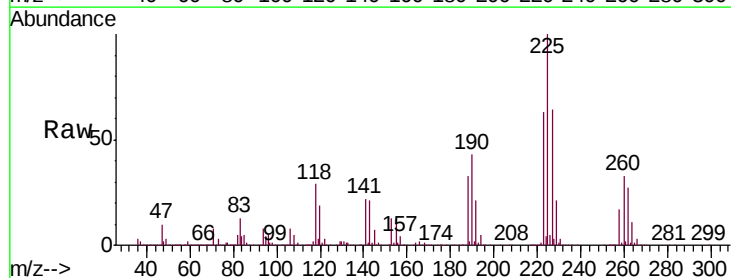
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

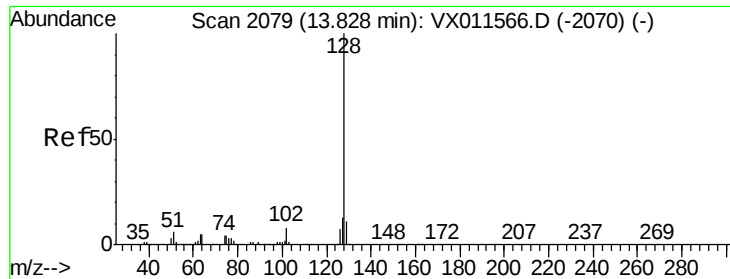
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	27.2	13.6	40.8



#94
 Hexachlorobutadiene
 Concen: 50.737 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011643.D
 Acq: 19 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	64.1	31.2	93.6

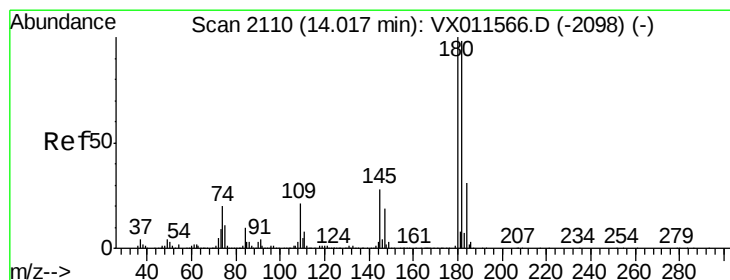
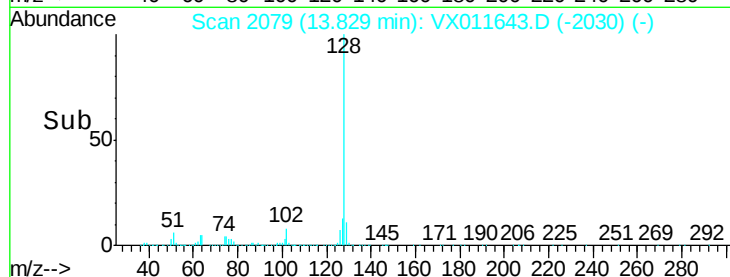
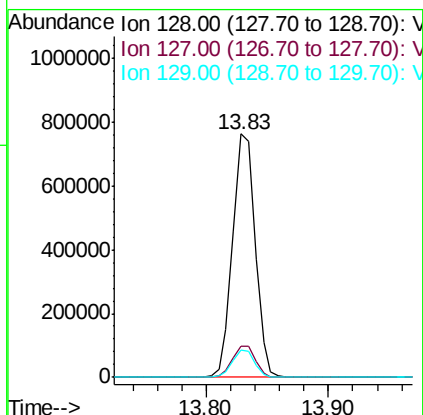
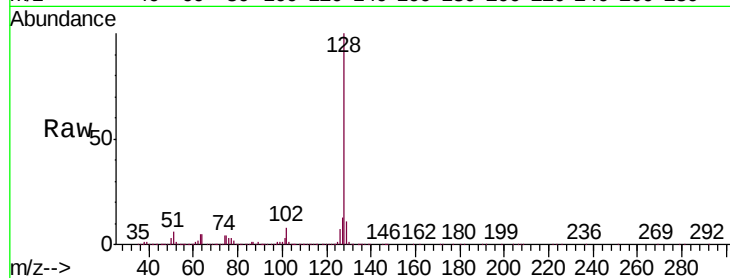




#95
Naphthalene
Concen: 55.587 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 969661
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.917 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011643.D
Acq: 19 Aug 2019 19:37

Tgt Ion:180 Resp: 329338
Ion Ratio Lower Upper
180 100
182 96.9 48.0 144.0
145 30.0 14.6 43.8

