

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007500.D
 Acq On : 12 Feb 2019 23:02
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Feb 13 07:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	79002	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	419091	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	372813	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	153576	29.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.87%
60) 4-Bromofluorobenzene	11.13	95	173039	30.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.63%
63) Toluene-d8	8.71	98	511991	30.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	79300	21.426	ug/l 100
3) Chloromethane	1.33	50	88300	21.566	ug/l 100
4) Vinyl Chloride	1.41	62	96423	20.914	ug/l 100
5) Bromomethane	1.64	94	76948	16.834	ug/l 100
6) Chloroethane	1.73	64	62847	20.251	ug/l 100
7) Trichlorofluoromethane	1.93	101	151870	19.742	ug/l 100
8) Diethyl Ether	2.19	74	60236	20.557	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84726	18.805	ug/l 100
10) 1,1-Dichloroethene	2.38	96	85383	20.527	ug/l 100
11) Methyl Iodide	2.51	142	116215	17.757	ug/l 100
12) Methyl Acetate	2.78	43	111983	16.602	ug/l 100
13) Acrolein	2.30	56	96144	158.235	ug/l 100
14) Acrylonitrile	3.15	53	270366	102.606	ug/l 100
15) Acetone	2.45	58	73736	99.691	ug/l 100
16) Carbon Disulfide	2.57	76	219371	21.327	ug/l 100
17) Allyl chloride	2.73	41	141221	19.708	ug/l 100
18) Methylene Chloride	2.86	84	95318	20.083	ug/l 100
19) trans-1,2-Dichloroethene	3.17	96	88930	19.835	ug/l 100
20) Diisopropyl ether	3.87	45	274977	20.514	ug/l 100
21) 1,1-Dichloroethane	3.70	63	153837	20.205	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	102088	20.607	ug/l 100
23) tert-Butyl Alcohol	3.07	59	112127	101.716	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	292247	20.161	ug/l 100
25) Chloroform	5.21	83	161721	20.456	ug/l 100
26) Cyclohexane	5.57	56	129964	20.121	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	114788	20.683	ug/l 100
30) 2-Butanone	4.70	43	346554	105.178	ug/l 100
31) 2,2-Dichloropropane	4.59	77	92673	17.152	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	137130	20.799	ug/l 100
33) Carbon Tetrachloride	5.79	117	117484	20.248	ug/l 100
34) Benzene	6.14	78	362585	21.105	ug/l 100
35) Methacrylonitrile	5.06	41	69794	20.652	ug/l 100
36) 1,2-Dichloroethane	6.20	62	122942	20.795	ug/l 100
37) Trichloroethene	7.21	130	104177	20.653	ug/l 100
38) Methylcyclohexane	7.46	83	131771	18.928	ug/l 100
39) 1,2-Dichloropropane	7.52	63	89893	20.852	ug/l 100
40) Dibromomethane	7.66	93	66367	21.242	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	111926	20.466	ug/l	100
42) Vinyl Acetate	3.82	43	1210097	106.412	ug/l	100
43) Ethyl Acetate	4.86	43	132173	21.223	ug/l	100
44) Isopropyl Acetate	6.46	43	195898	20.232	ug/l	100
45) 1,4-Dioxane	7.75	88	48084	413.071	ug/l	100
46) Methyl methacrylate	7.77	41	100127	20.343	ug/l	100
47) n-amyl Acetate	10.90	43	172164	20.298	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	111884	18.992	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	129367	19.735	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	96273	20.717	ug/l	100
51) Ethyl methacrylate	9.18	69	138062	20.725	ug/l	100
52) 1,3-Dichloropropane	9.37	76	155449	20.853	ug/l	100
53) Dibromochloromethane	9.59	129	94415	20.060	ug/l	100
54) 1,2-Dibromoethane	9.67	107	104266	20.886	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	347994	97.205	ug/l	100
56) Bromoform	10.85	173	69975	19.549	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	679733	107.142	ug/l	100
59) 2-Hexanone	9.49	43	512864	105.456	ug/l	100
61) Tetrachloroethene	9.34	164	105131	20.321	ug/l	100
62) Toluene	8.79	91	401668	21.008	ug/l	100
64) Chlorobenzene	10.14	112	262493	20.835	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	93426	20.814	ug/l	100
66) Ethyl Benzene	10.25	91	420568	20.430	ug/l	100
67) m/p-Xylenes	10.36	106	327629	40.414	ug/l	100
68) o-Xylene	10.70	106	160780	20.239	ug/l	100
69) Styrene	10.71	104	257249	20.065	ug/l	100
70) Isopropylbenzene	11.02	105	423533	20.177	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	143978	21.185	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	155713	24.574	ug/l	90
73) Bromobenzene	11.26	156	116233	20.012	ug/l	100
74) n-propylbenzene	11.36	91	468101	19.877	ug/l	100
75) 2-Chlorotoluene	11.42	91	281347	20.116	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	344815	19.766	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	34131	18.402	ug/l	100
78) 4-Chlorotoluene	11.51	91	315073	19.462	ug/l	100
79) tert-butylbenzene	12.06	119	364375	19.342	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	352646	19.965	ug/l	100
81) sec-Butylbenzene	11.94	105	411507	19.616	ug/l	100
82) p-Isopropyltoluene	12.06	119	364375	19.342	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	203903	19.809	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	204264	19.861	ug/l	100
85) n-Butylbenzene	12.39	91	292162	18.159	ug/l	100
86) Hexachloroethane	12.60	117	58561	19.691	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	205710	20.007	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28133	20.257	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	129875	18.585	ug/l	100
90) Hexachlorobutadiene	13.78	225	61342	18.434	ug/l	100
91) Naphthalene	13.83	128	421328	19.722	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	132415	19.088	ug/l	100

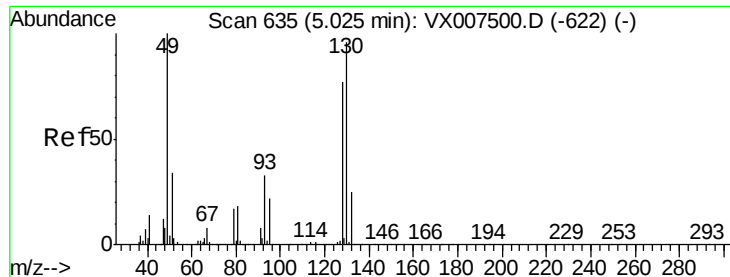
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

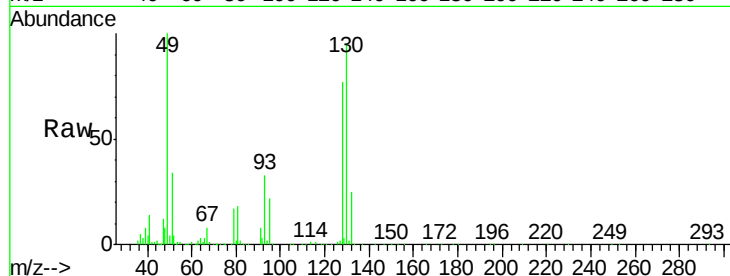
Tgt Ion:128 Resp: 79002

Ion Ratio Lower Upper

128 100

49 140.3 0.0 350.8

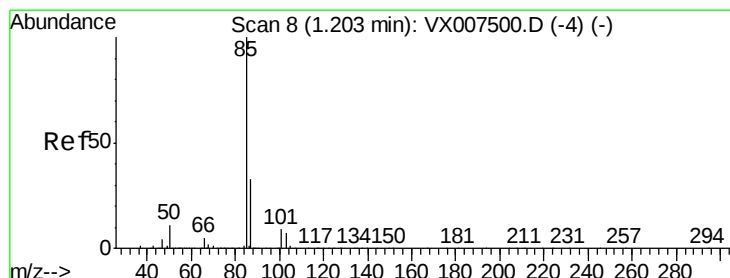
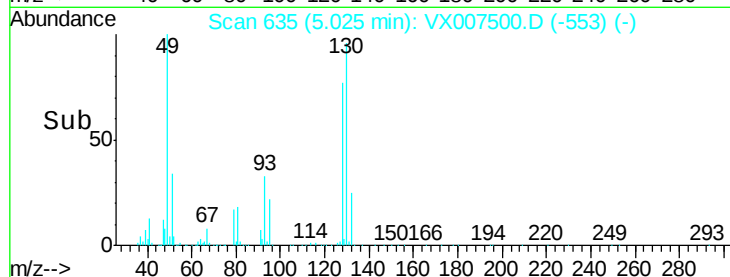
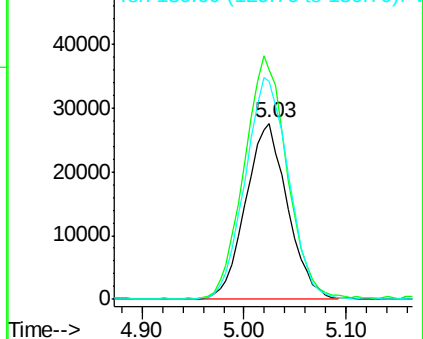
130 130.3 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.426 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007500.D

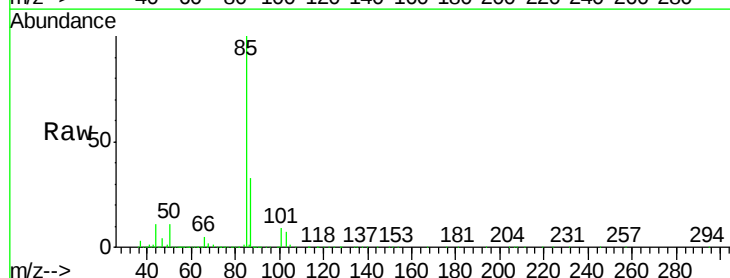
Acq: 12 Feb 2019 23:02

Tgt Ion: 85 Resp: 79300

Ion Ratio Lower Upper

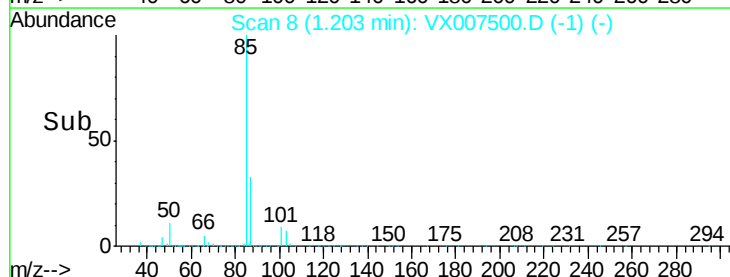
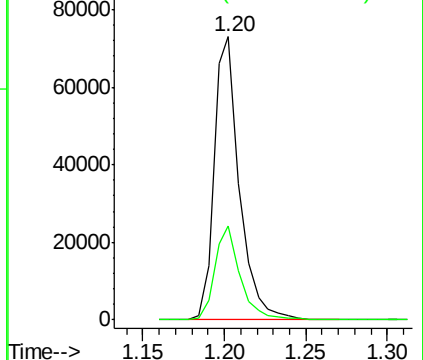
85 100

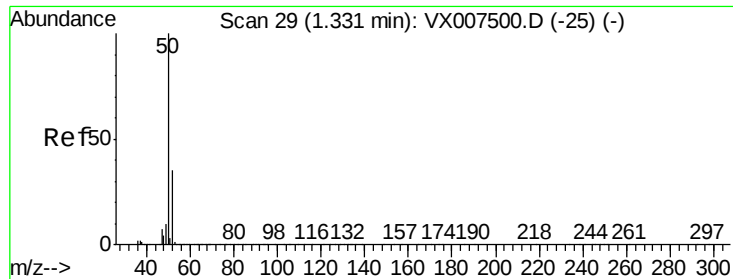
87 33.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

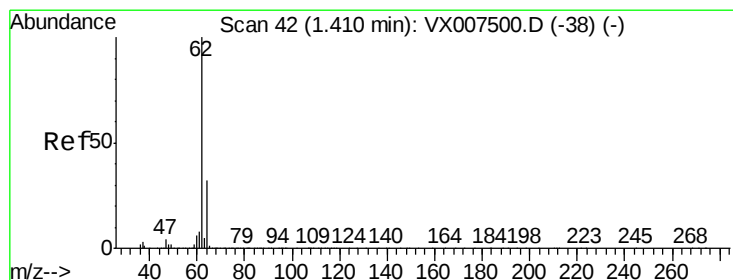
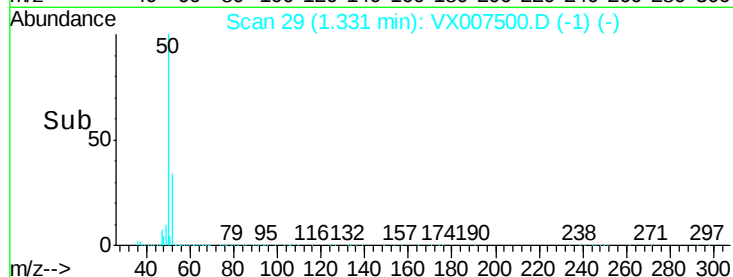
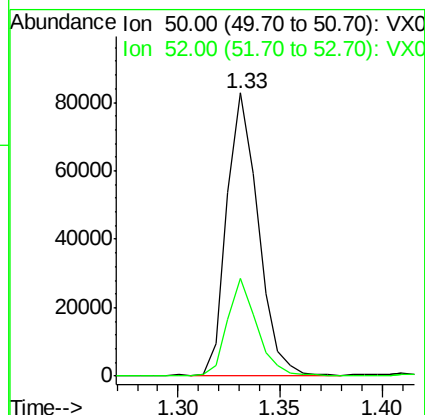
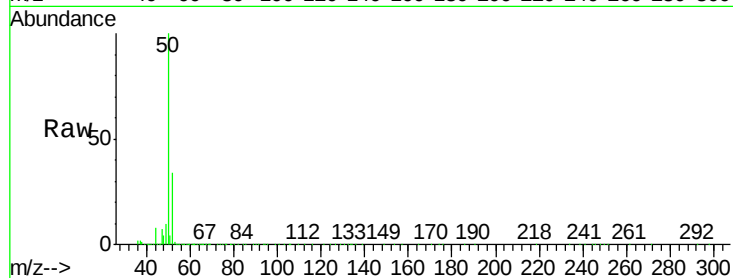




#3
Chloromethane
Concen: 21.566 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

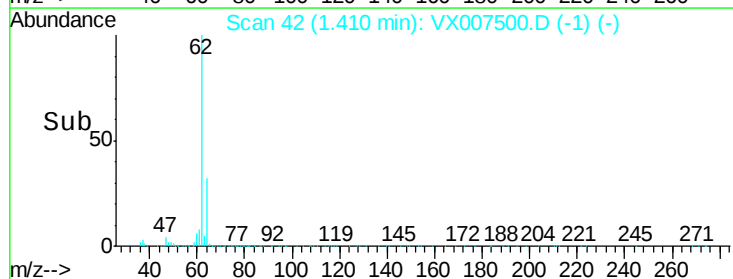
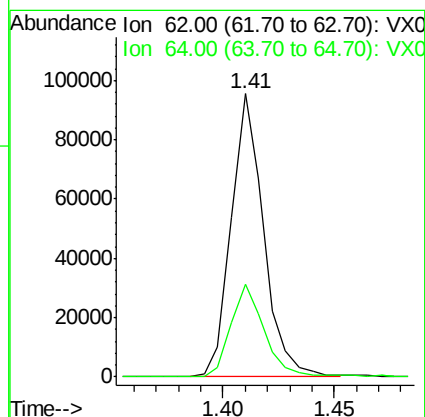
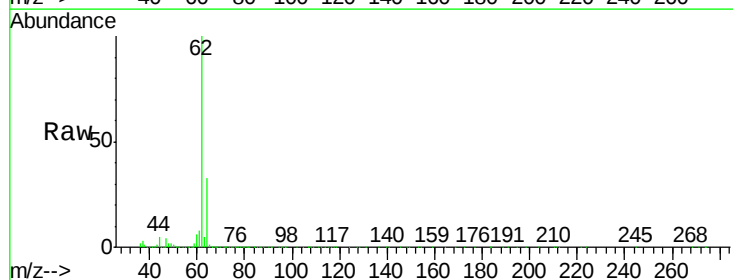
Instrument :
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VSTDICCC020

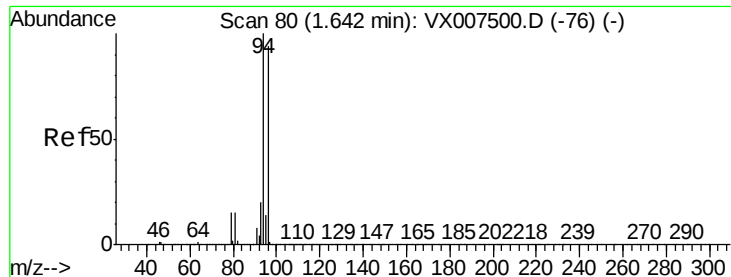
Tgt Ion: 50 Resp: 88300
Ion Ratio Lower Upper
50 100
52 34.4 27.5 41.3



#4
Vinyl Chloride
Concen: 20.914 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 62 Resp: 96423
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 16.834 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

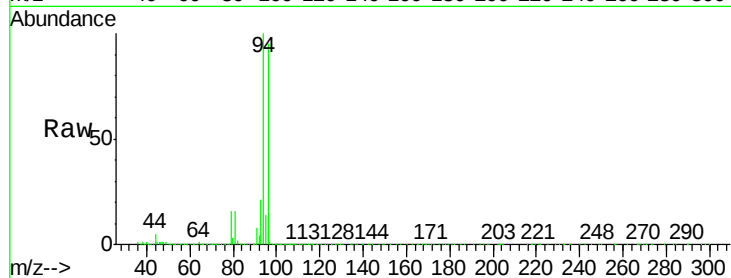
VSTDICCC020

Tgt Ion: 94 Resp: 76948

Ion Ratio Lower Upper

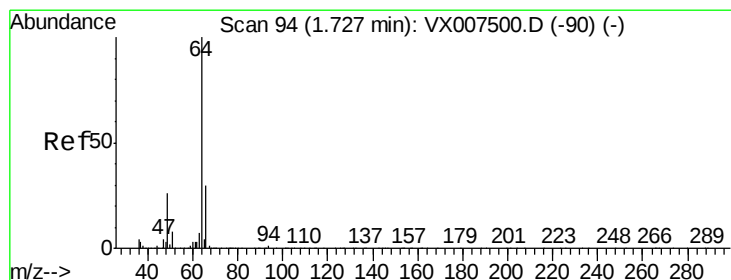
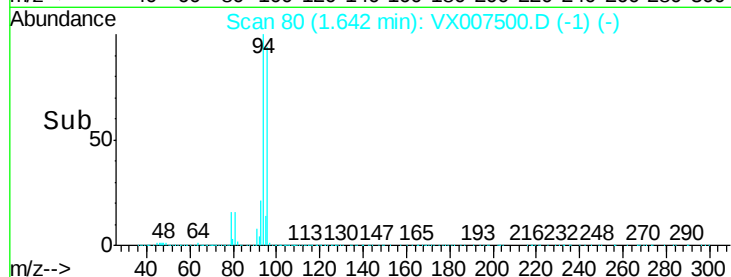
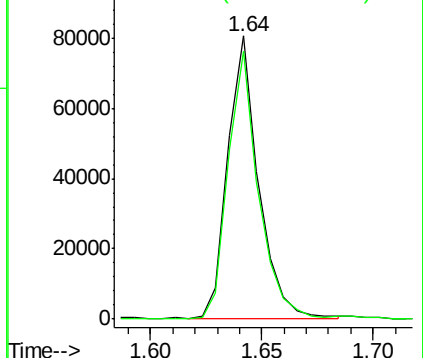
94 100

96 94.5 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.251 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007500.D

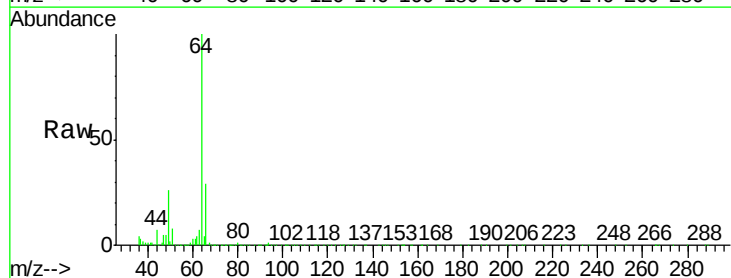
Acq: 12 Feb 2019 23:02

Tgt Ion: 64 Resp: 62847

Ion Ratio Lower Upper

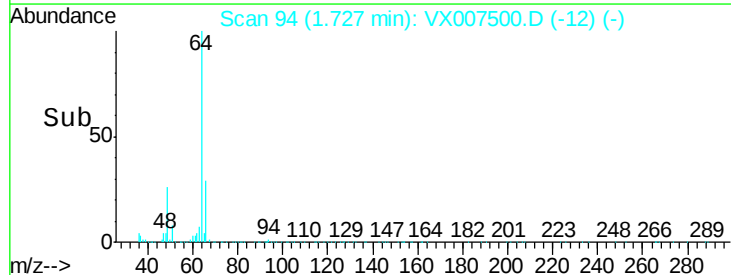
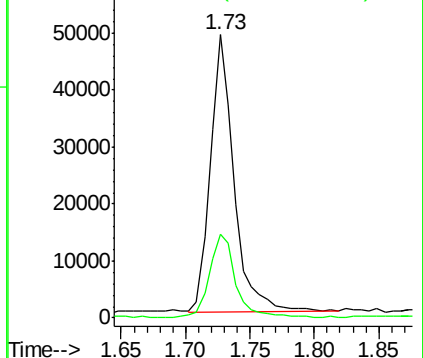
64 100

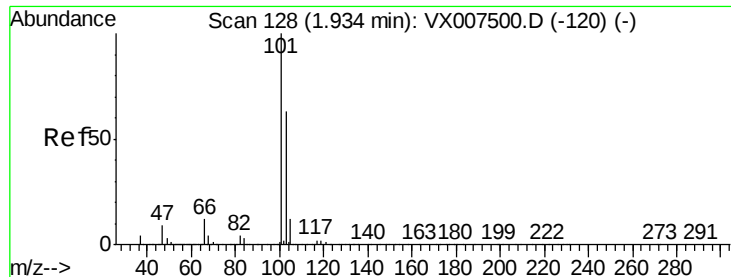
66 29.9 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



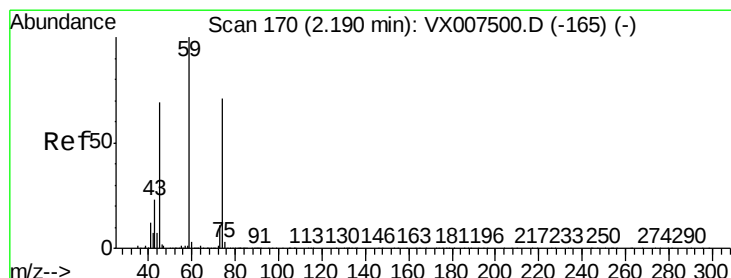
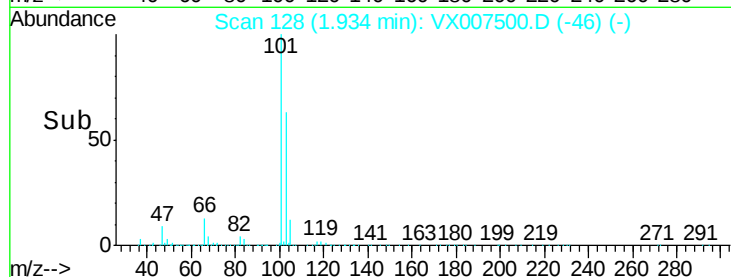
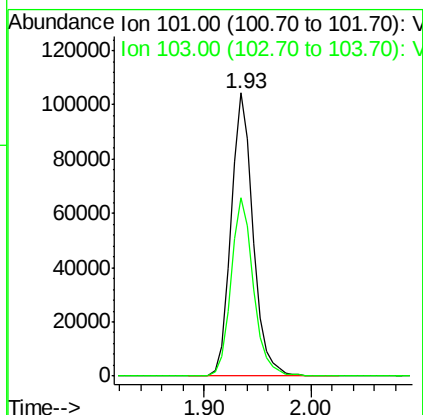
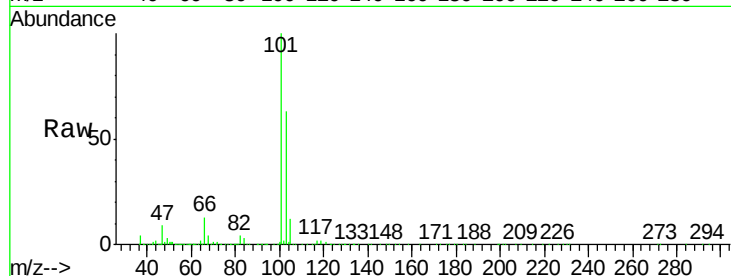


#7

Trichlorofluoromethane
Concen: 19.742 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Instrument :
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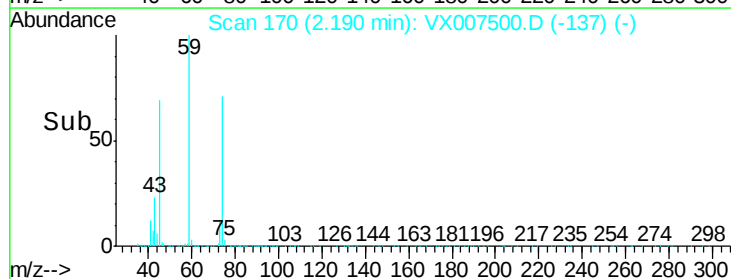
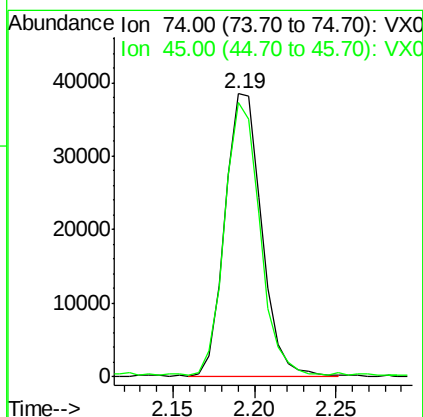
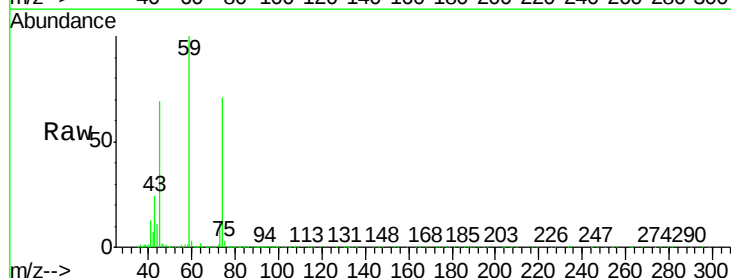
Tgt Ion:101 Resp: 151870
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6

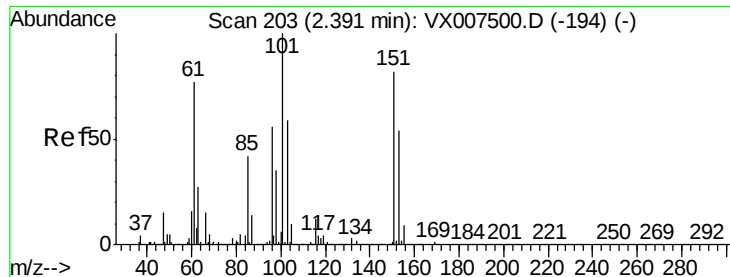


#8

Diethyl Ether
Concen: 20.557 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 74 Resp: 60236
Ion Ratio Lower Upper
74 100
45 93.3 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.805 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

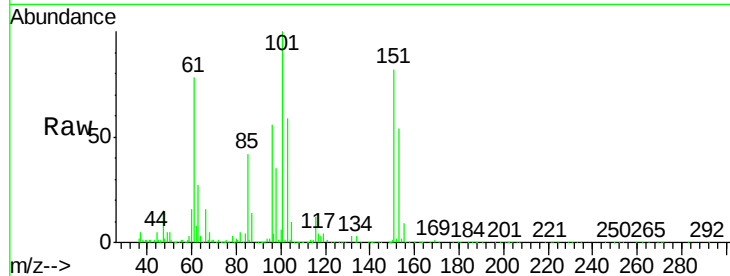
Tgt Ion:101 Resp: 84726

Ion Ratio Lower Upper

101 100

85 43.4 0.0 86.8

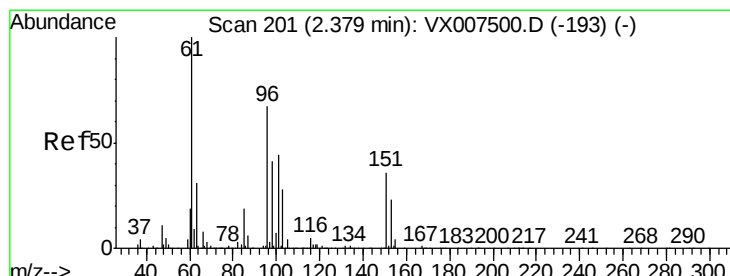
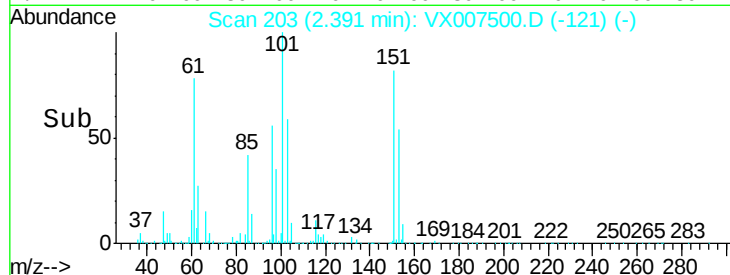
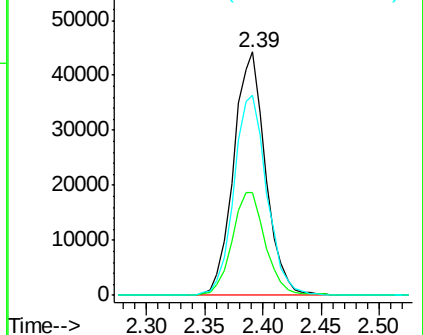
151 84.6 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.527 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

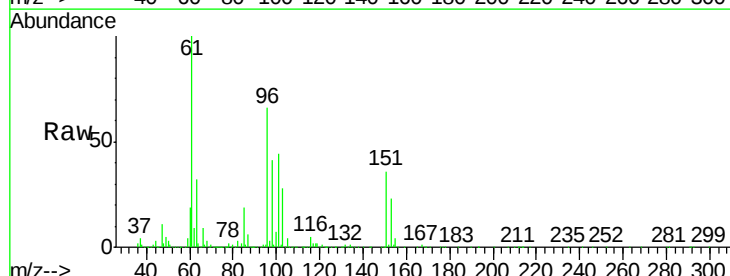
Tgt Ion: 96 Resp: 85383

Ion Ratio Lower Upper

96 100

61 150.2 120.2 180.2

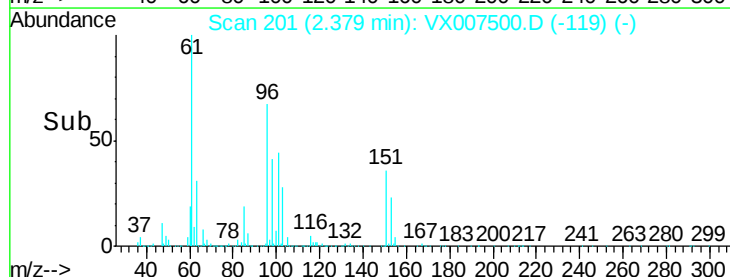
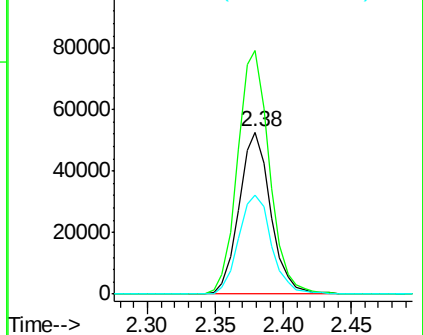
98 61.2 49.0 73.4

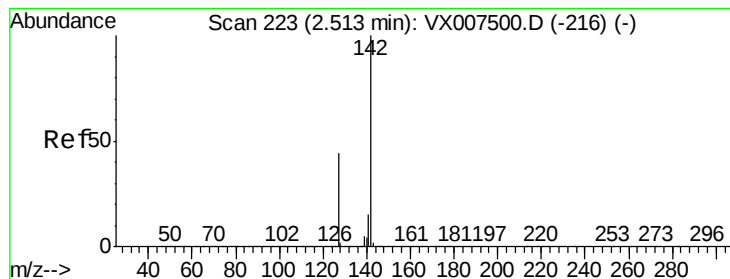


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 17.757 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

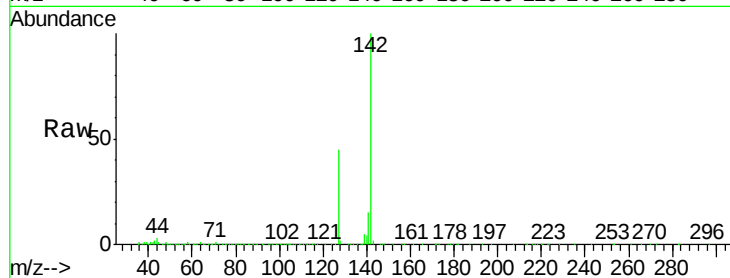
Tgt Ion:142 Resp: 116215

Ion Ratio Lower Upper

142 100

127 44.3 22.1 66.5

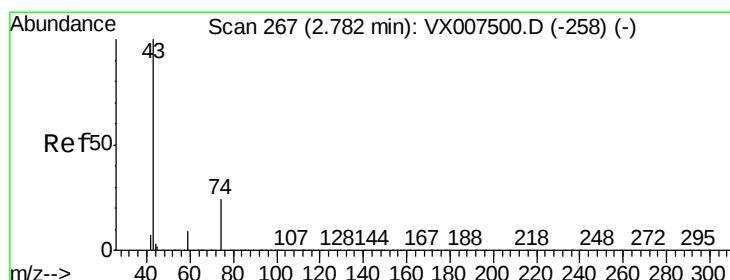
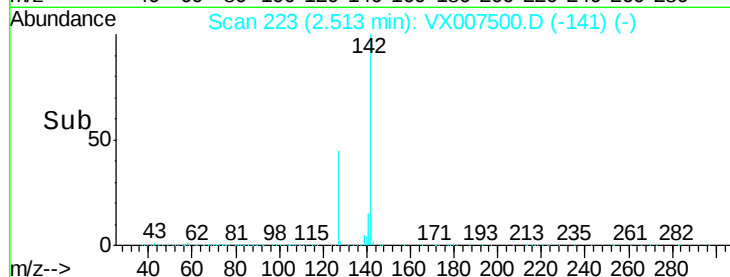
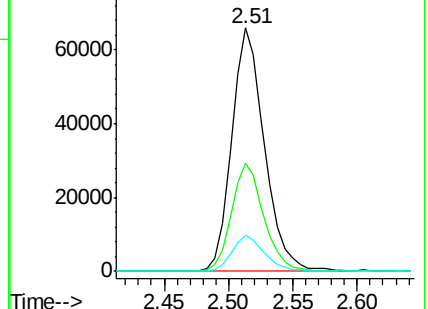
141 14.9 7.4 22.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 16.602 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007500.D

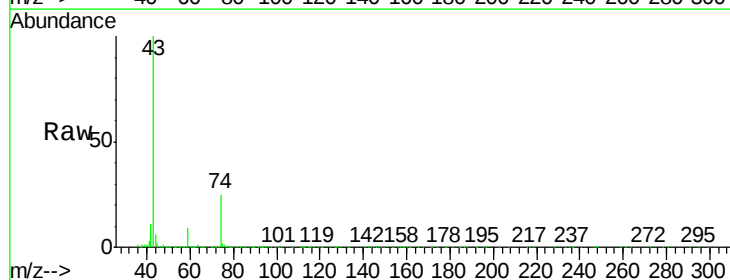
Acq: 12 Feb 2019 23:02

Tgt Ion: 43 Resp: 111983

Ion Ratio Lower Upper

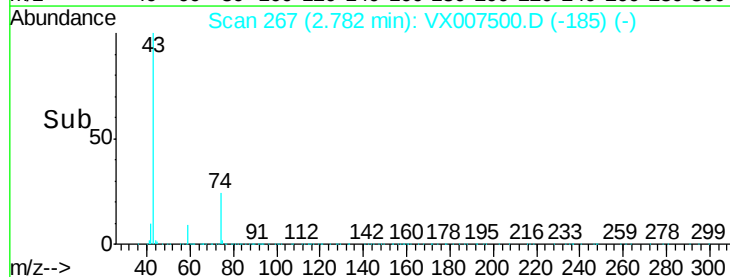
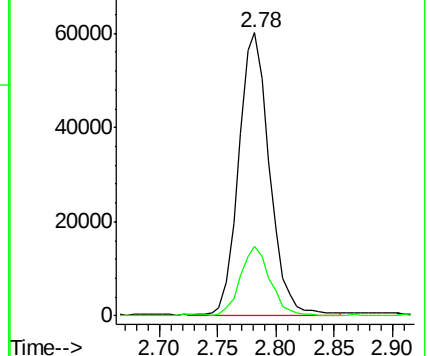
43 100

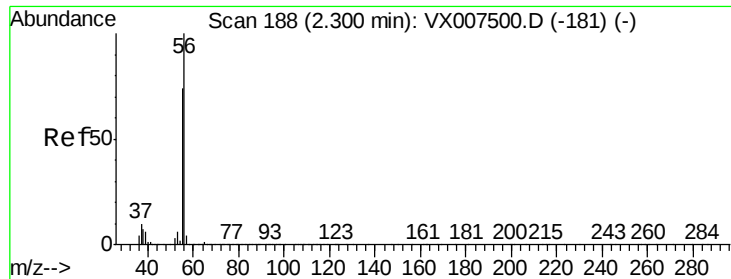
74 24.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 158.235 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

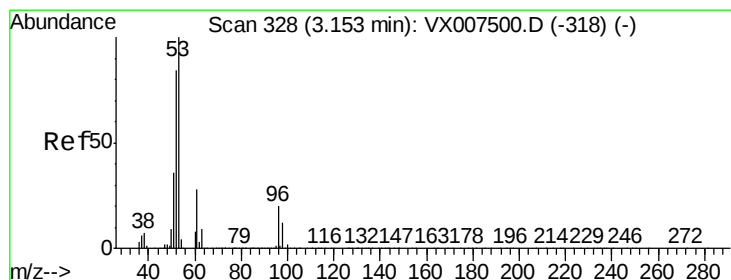
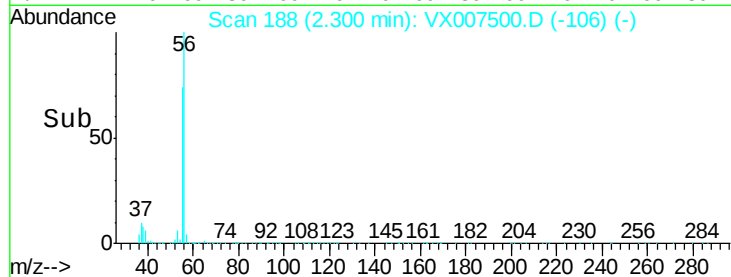
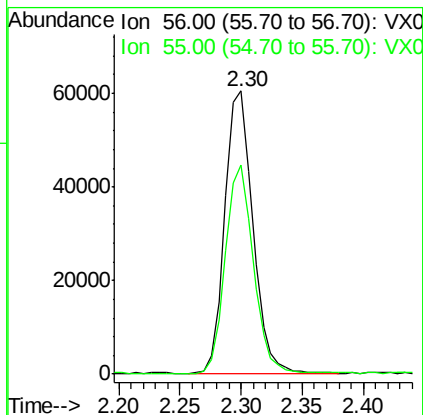
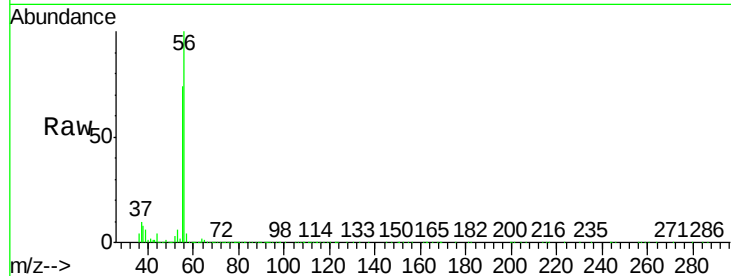
VSTDICCC020

Tgt Ion: 56 Resp: 96144

Ion Ratio Lower Upper

56 100

55 73.4 58.6 87.8



#14

Acrylonitrile

Concen: 102.606 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

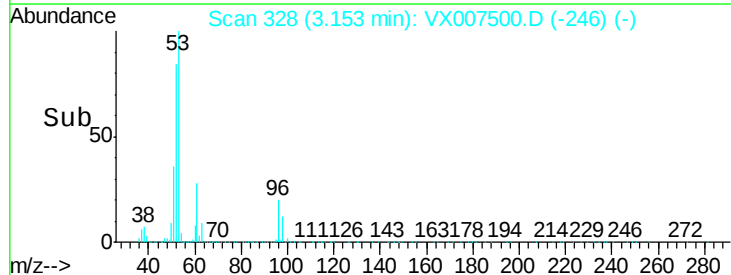
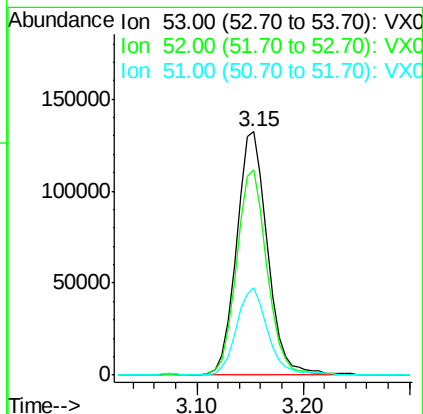
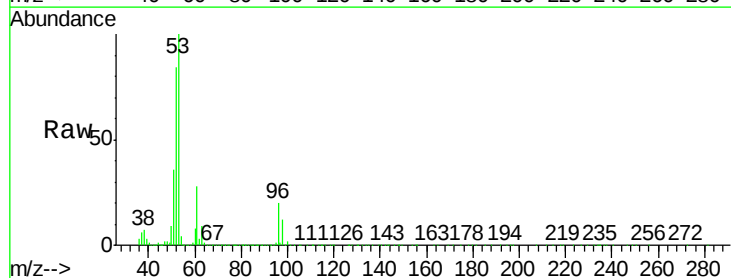
Tgt Ion: 53 Resp: 270366

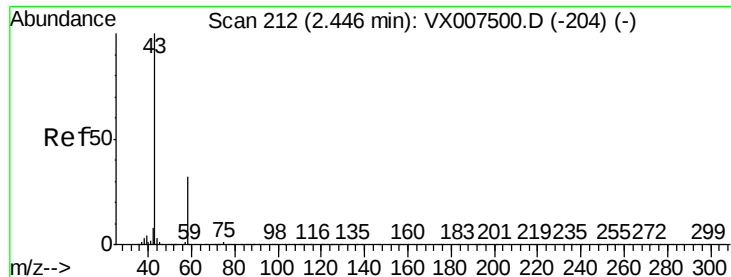
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 35.1 17.5 52.6





#15

Acetone

Concen: 99.691 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

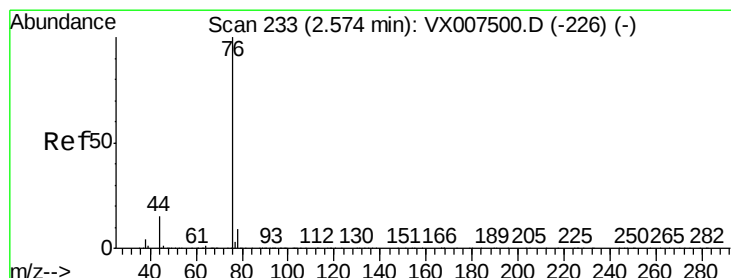
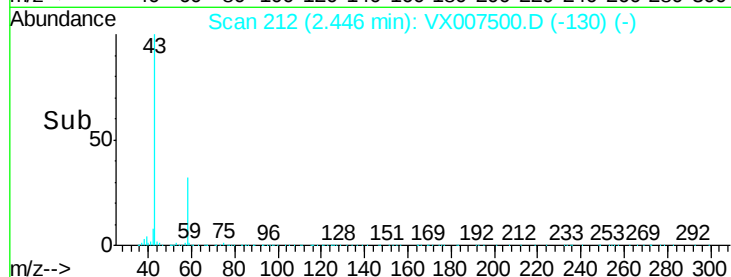
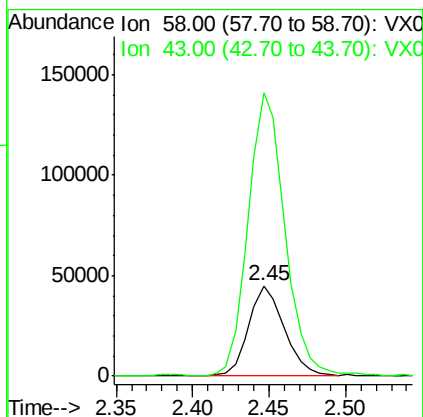
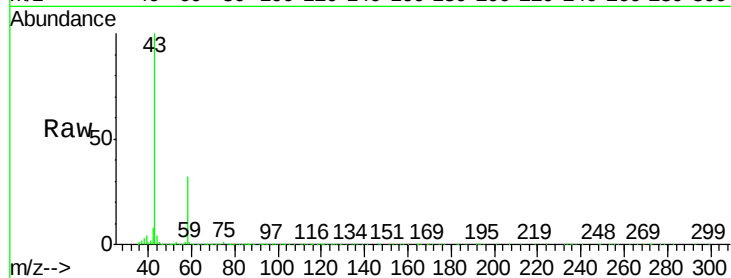
VSTDICCC020

Tgt Ion: 58 Resp: 73736

Ion Ratio Lower Upper

58 100

43 312.2 249.8 374.6



#16

Carbon Disulfide

Concen: 21.327 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007500.D

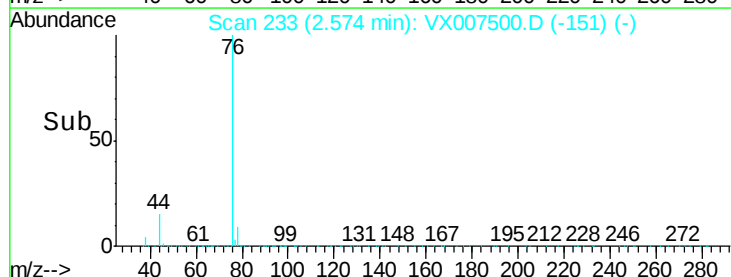
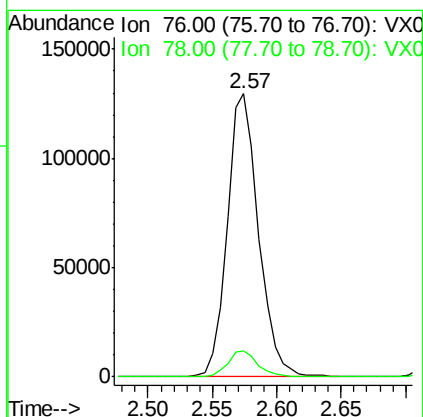
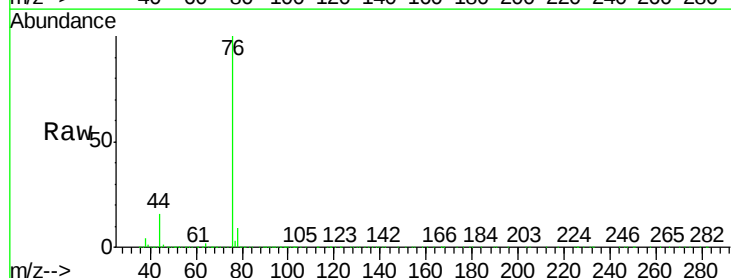
Acq: 12 Feb 2019 23:02

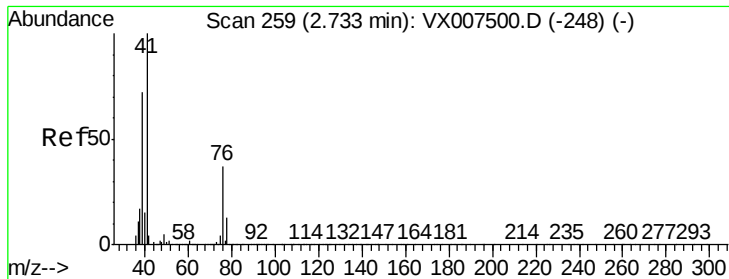
Tgt Ion: 76 Resp: 219371

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

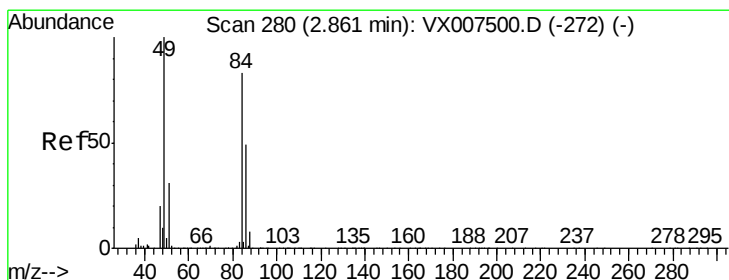
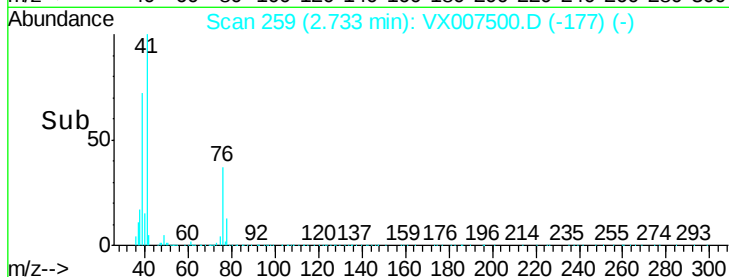
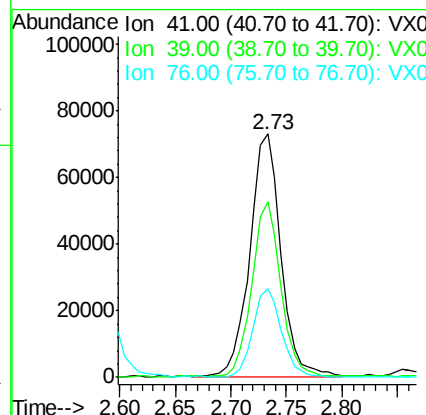
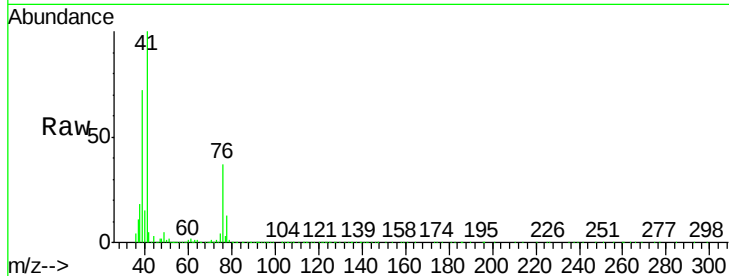




#17
 Allyl chloride
 Concen: 19.708 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

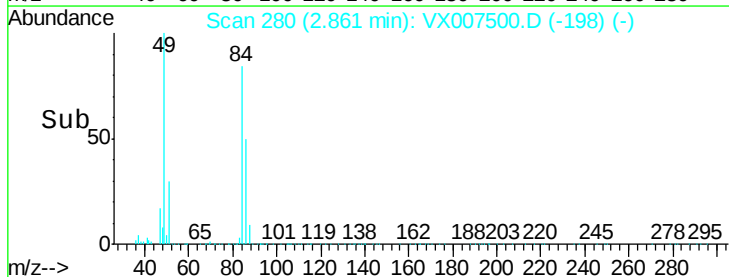
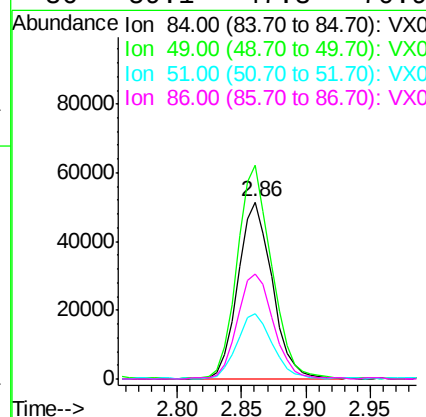
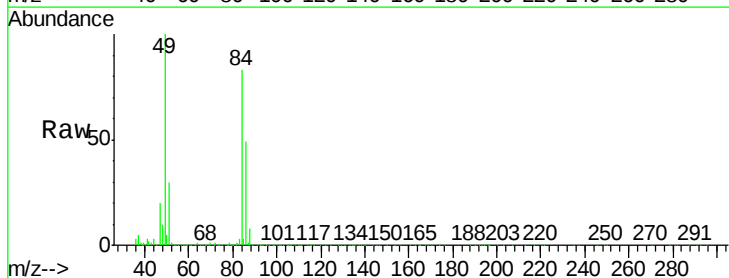
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

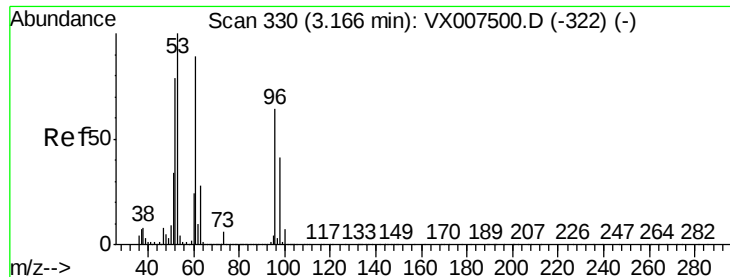
Tgt Ion:	41	Resp:	141221
Ion	Ratio	Lower	Upper
41	100		
39	71.6	35.8	107.4
76	36.6	18.3	54.9



#18
 Methylene Chloride
 Concen: 20.083 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion:	84	Resp:	95318
Ion	Ratio	Lower	Upper
84	100		
49	120.1	96.1	144.1
51	36.4	29.1	43.7
86	59.1	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.835 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

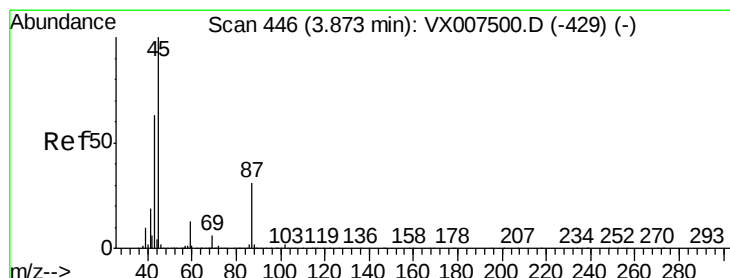
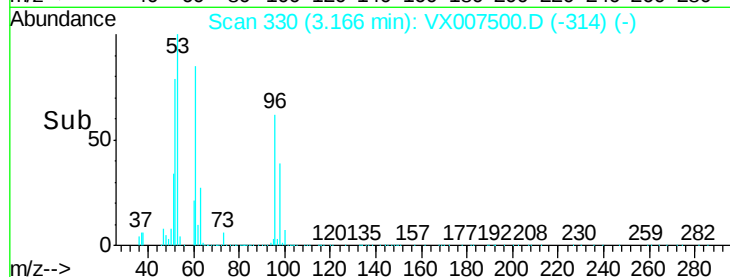
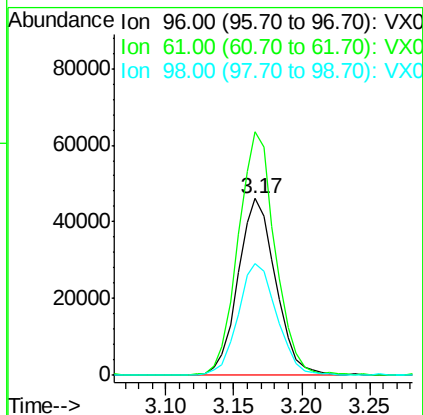
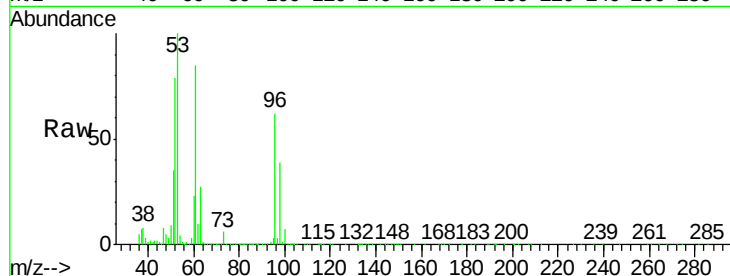
Tgt Ion: 96 Resp: 88930

Ion Ratio Lower Upper

96 100

61 137.4 109.9 164.9

98 63.0 50.4 75.6



#20

Diisopropyl ether

Concen: 20.514 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Tgt Ion: 45 Resp: 274977

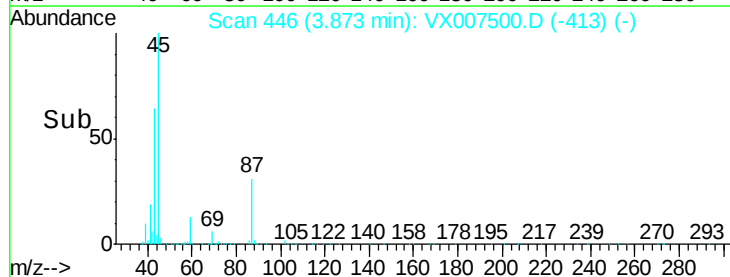
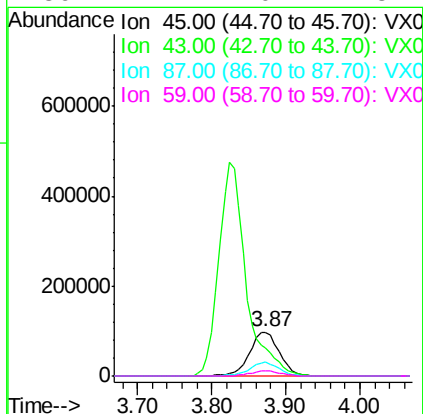
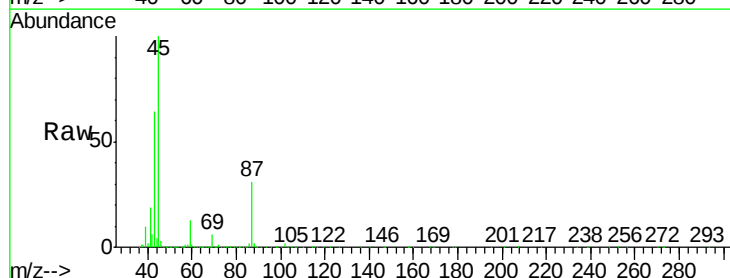
Ion Ratio Lower Upper

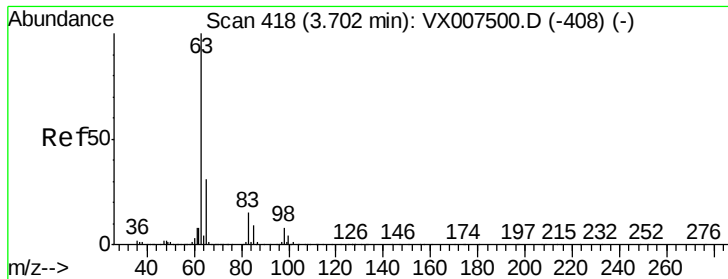
45 100

43 63.3 50.6 76.0

87 30.6 24.5 36.7

59 12.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.205 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

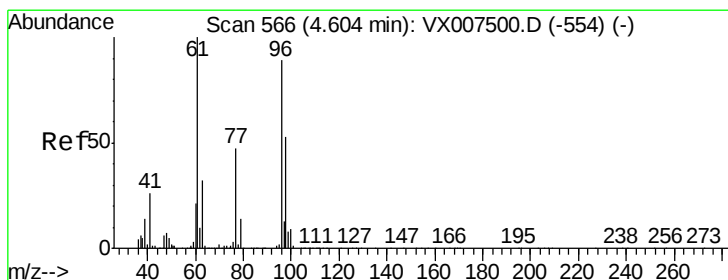
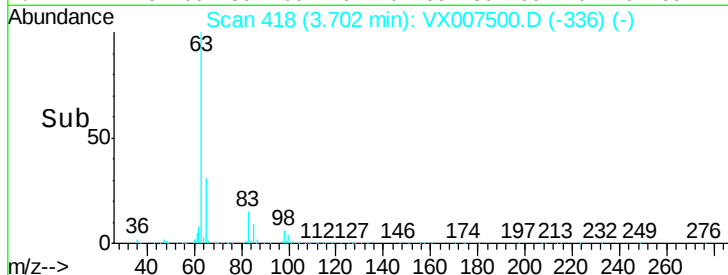
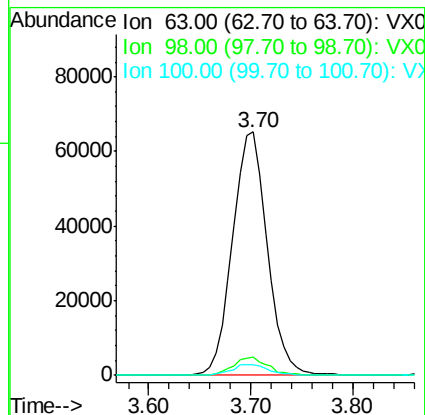
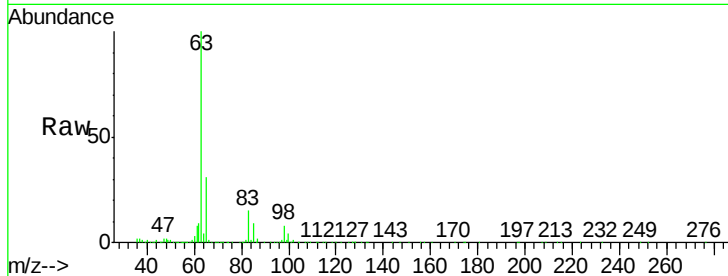
Tgt Ion: 63 Resp: 153837

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.7 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 20.607 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

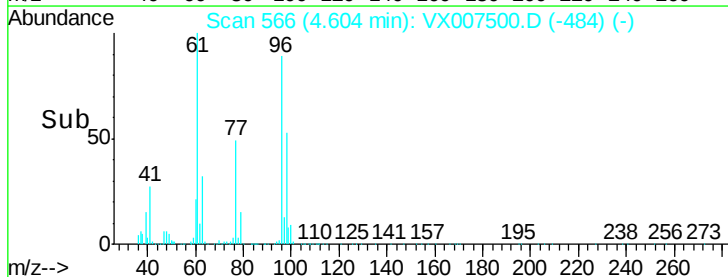
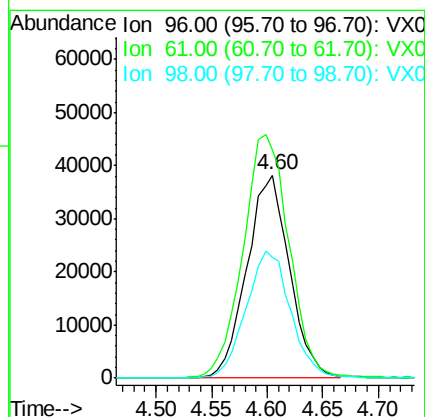
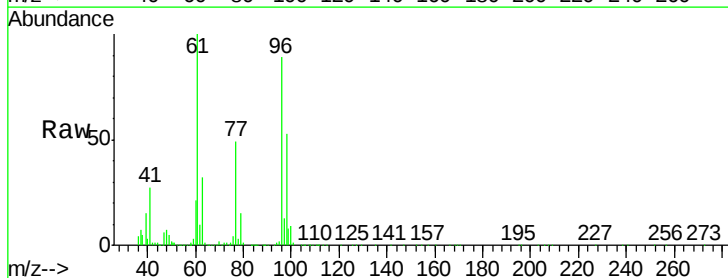
Tgt Ion: 96 Resp: 102088

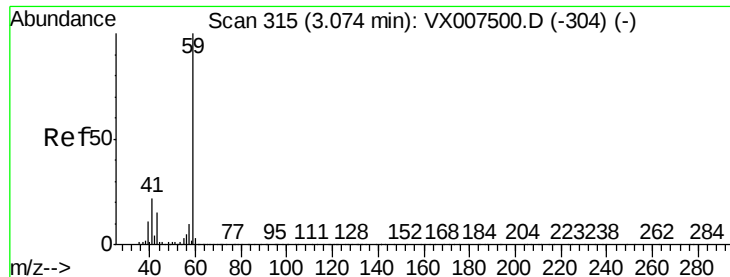
Ion Ratio Lower Upper

96 100

61 129.4 103.5 155.3

98 65.1 52.1 78.1

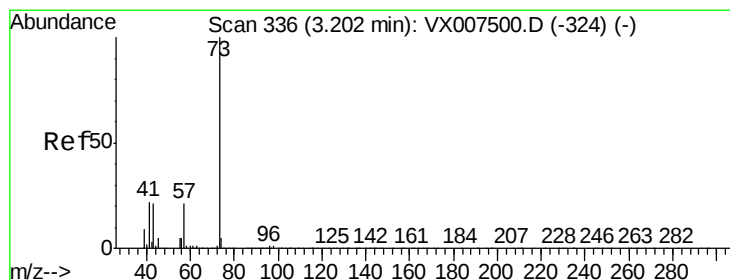
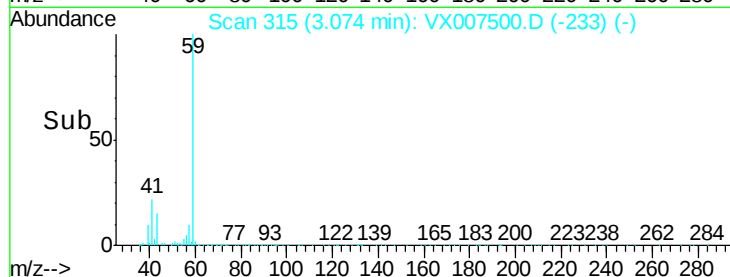
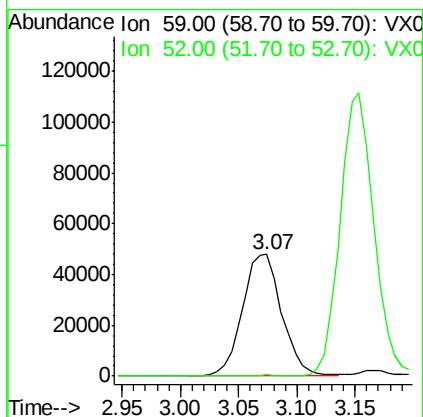
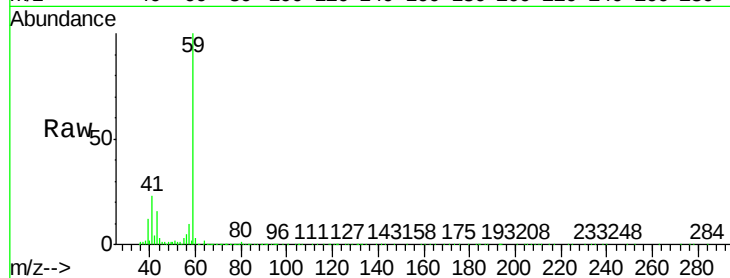




#23
tert-Butyl Alcohol
Concen: 101.716 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

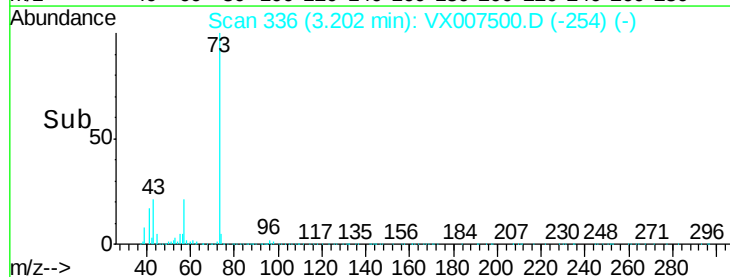
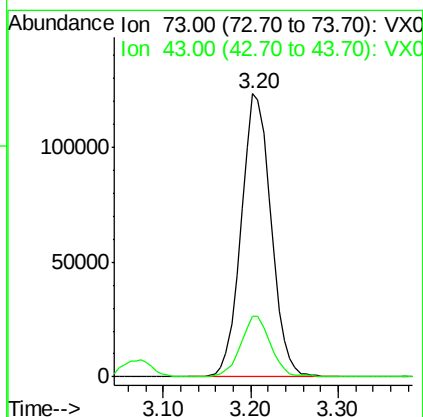
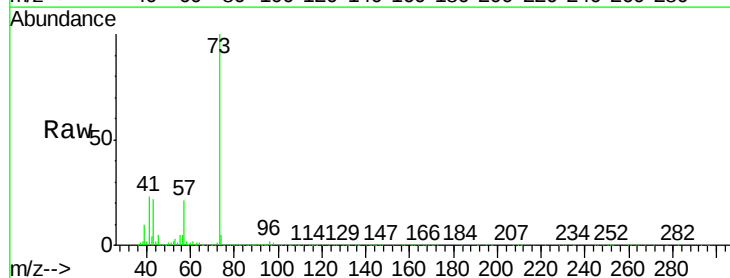
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

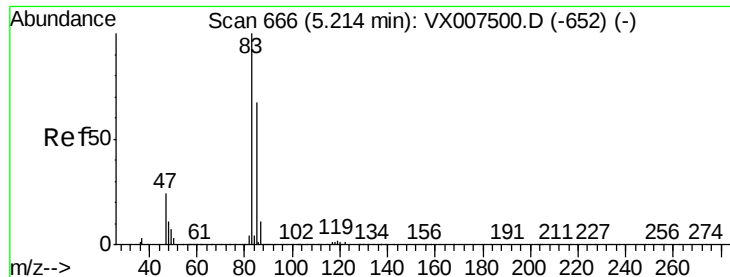
Tgt Ion: 59 Resp: 112127
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 20.161 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 73 Resp: 292247
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7





#25

Chloroform

Concen: 20.456 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

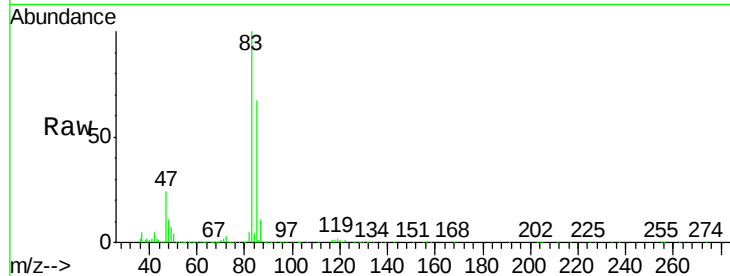
VSTDICCC020

Tgt Ion: 83 Resp: 161721

Ion Ratio Lower Upper

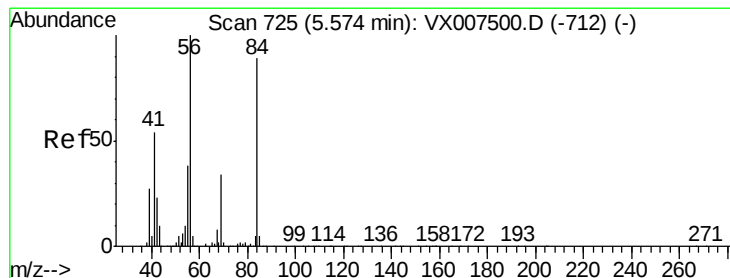
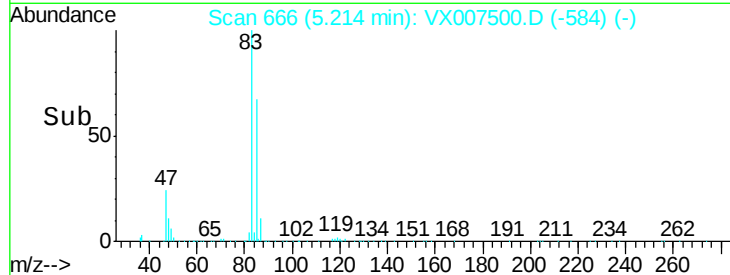
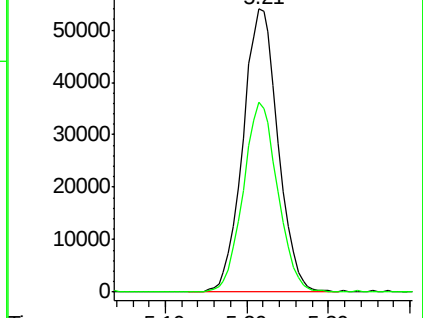
83 100

85 67.2 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.121 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

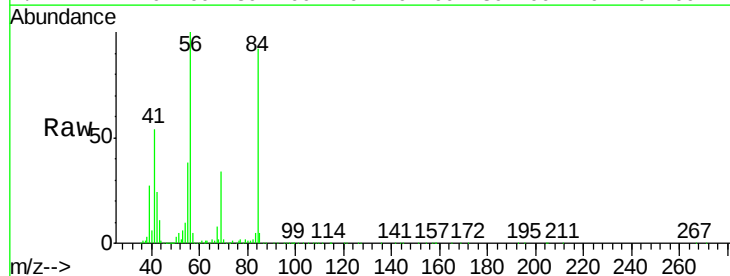
Tgt Ion: 56 Resp: 129964

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

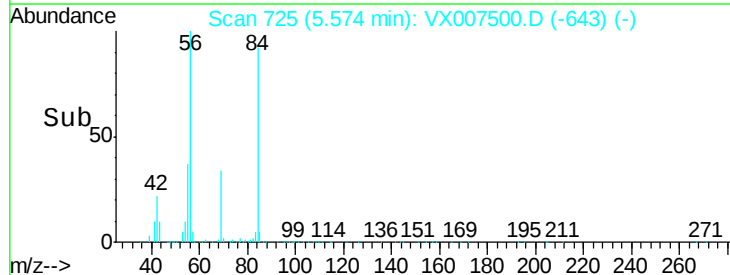
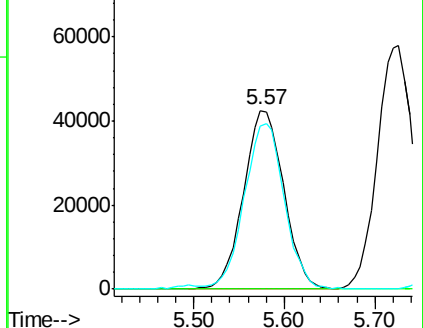
84 92.3 73.9 110.9

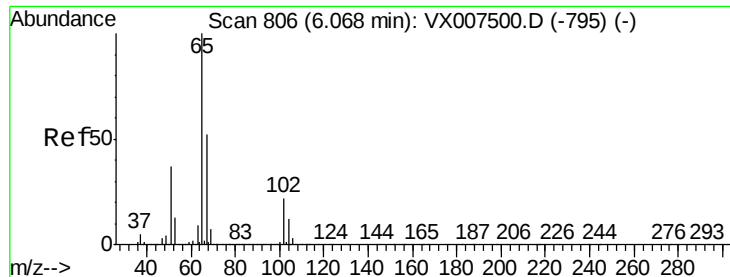


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

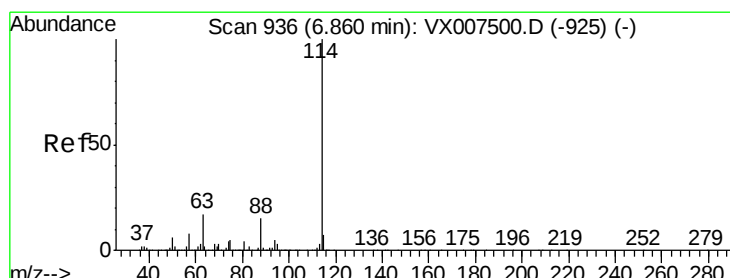
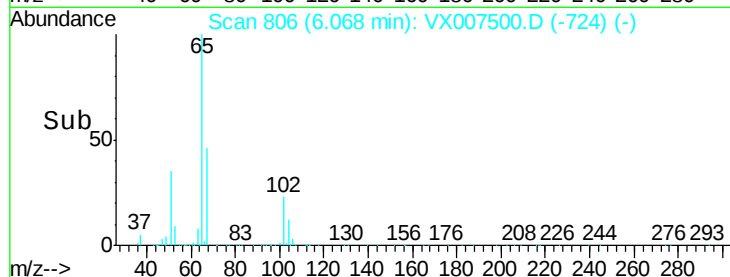
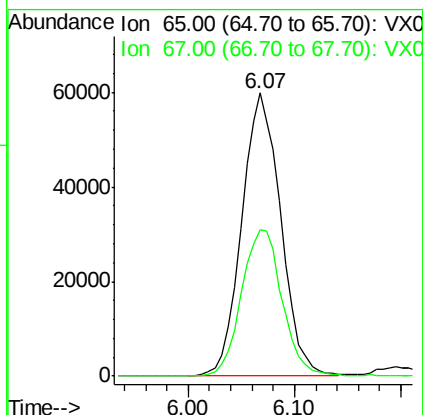
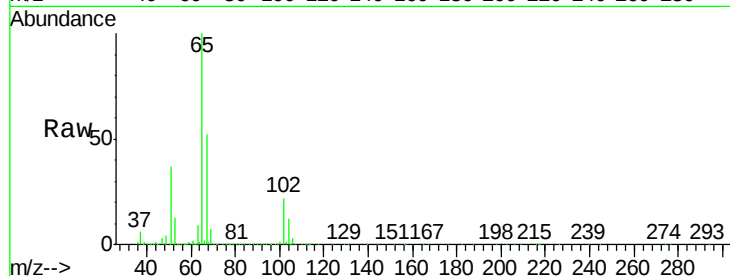




#27
 1,2-Dichloroethane-d4
 Concen: 29.663 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

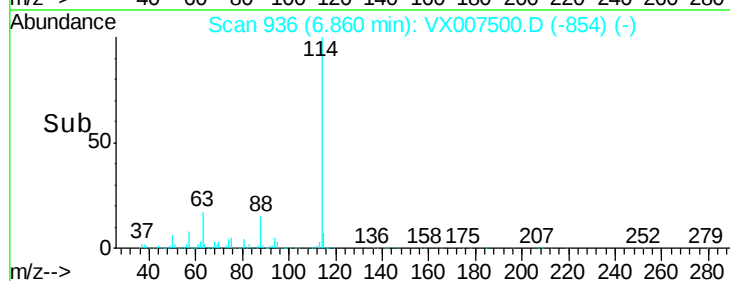
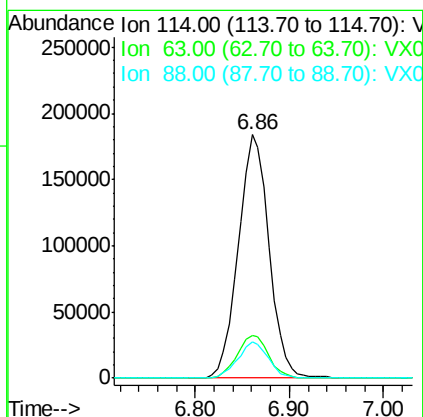
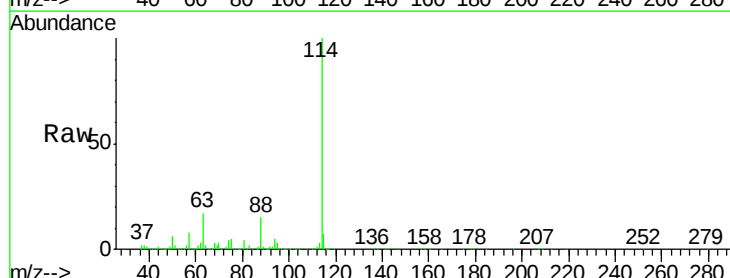
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

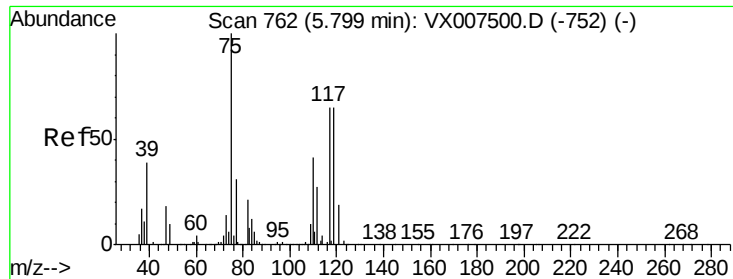
Tgt Ion: 65 Resp: 153576
 Ion Ratio Lower Upper
 65 100
 67 53.6 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion: 114 Resp: 419091
 Ion Ratio Lower Upper
 114 100
 63 17.8 14.2 21.4
 88 14.9 11.9 17.9

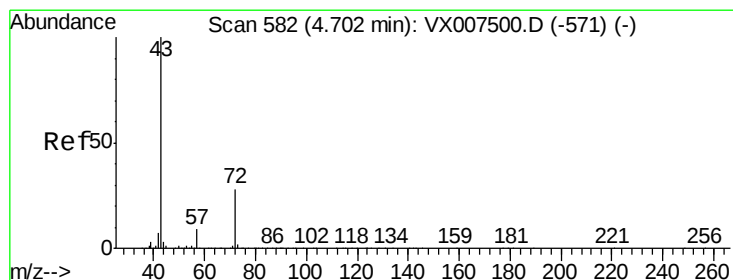
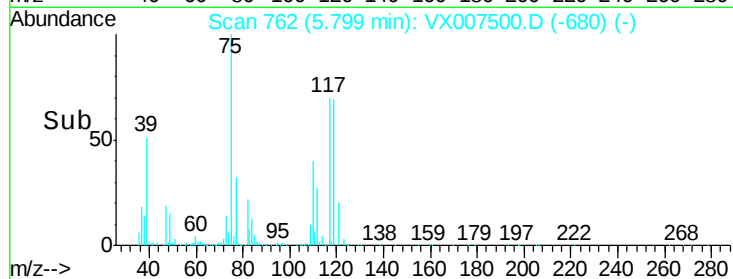
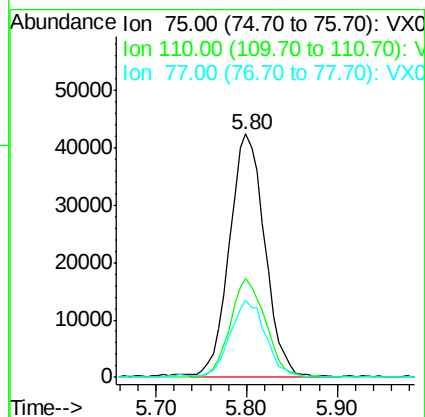
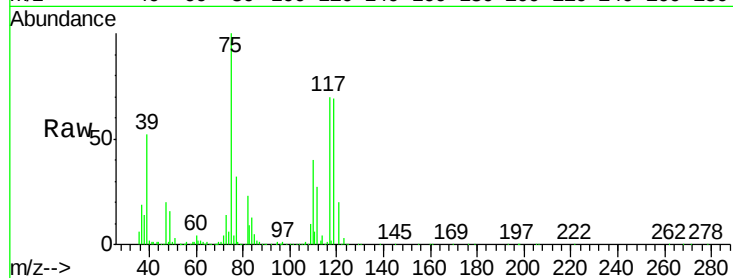




#29
 1,1-Dichloropropene
 Concen: 20.683 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

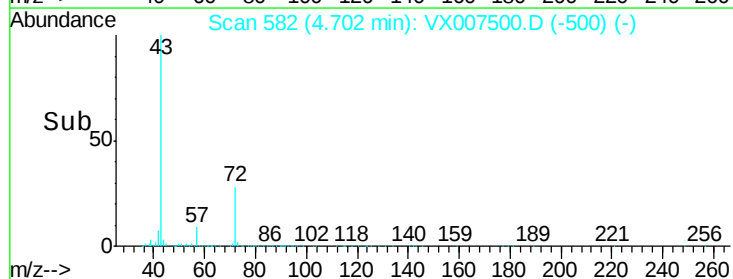
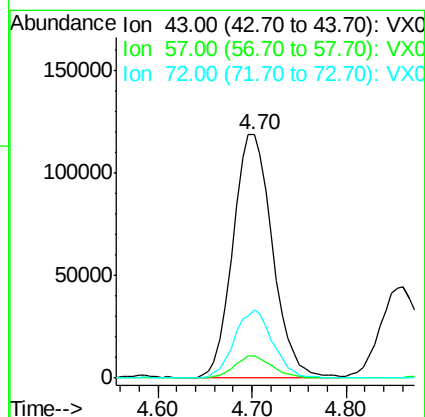
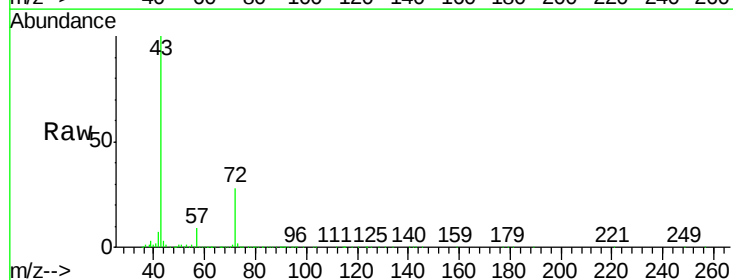
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

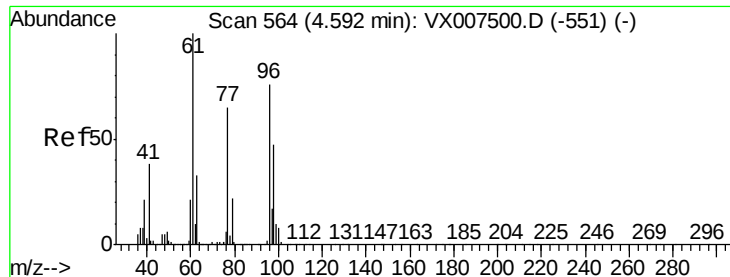
Tgt Ion: 75 Resp: 114788
 Ion Ratio Lower Upper
 75 100
 110 40.4 0.0 80.8
 77 31.2 0.0 62.4



#30
 2-Butanone
 Concen: 105.178 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion: 43 Resp: 346554
 Ion Ratio Lower Upper
 43 100
 57 8.8 7.0 10.6
 72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 17.152 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

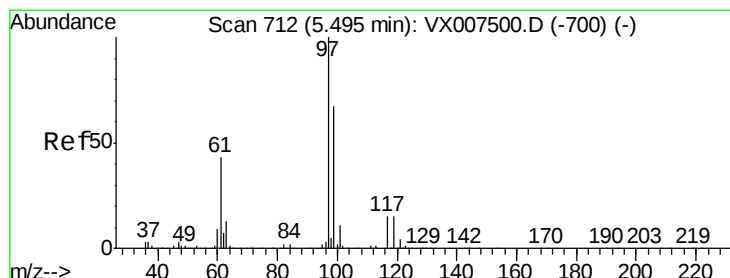
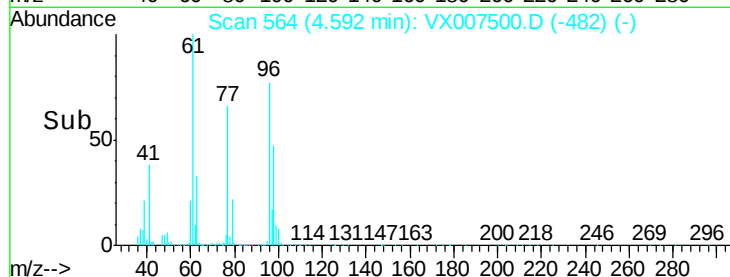
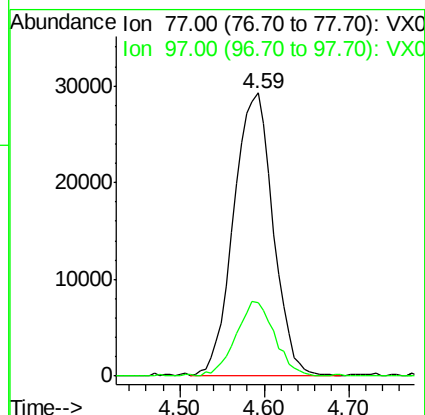
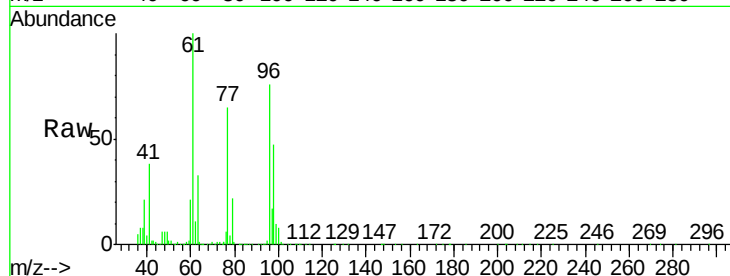
VSTDICCC020

Tgt Ion: 77 Resp: 92673

Ion Ratio Lower Upper

77 100

97 25.8 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 20.799 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

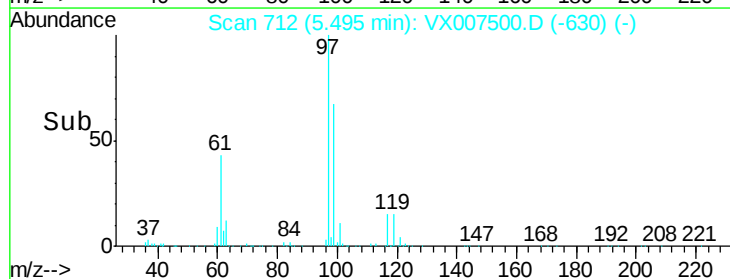
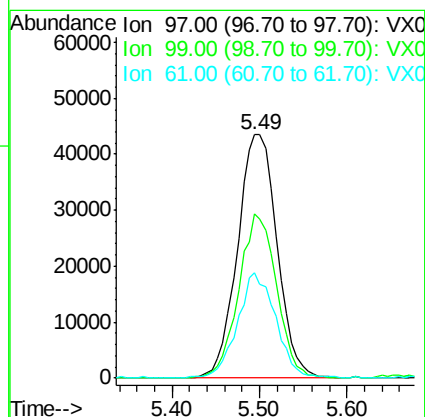
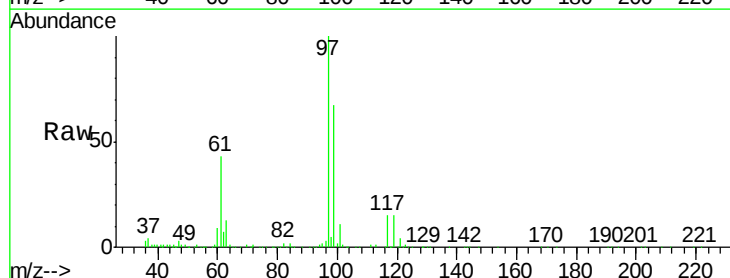
Tgt Ion: 97 Resp: 137130

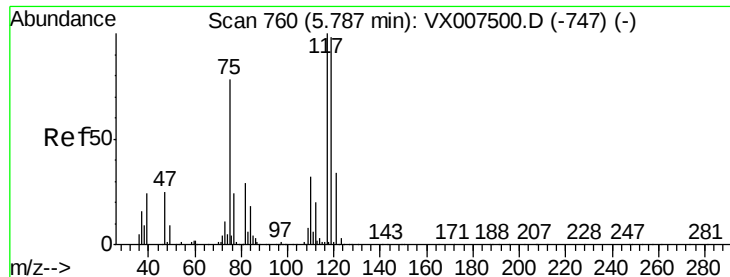
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 41.0 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.248 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

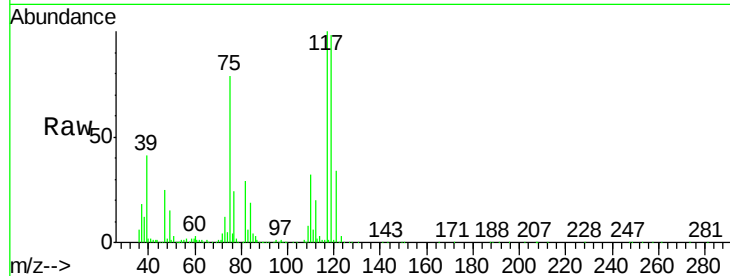
Tgt Ion:117 Resp: 117484

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

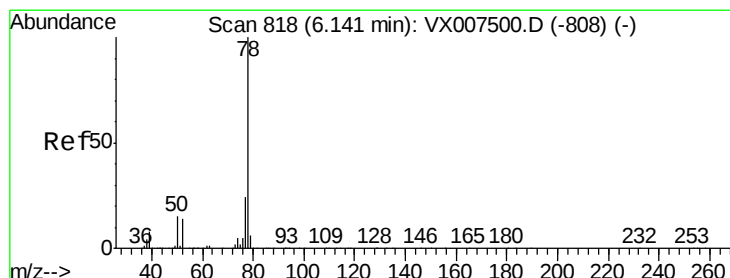
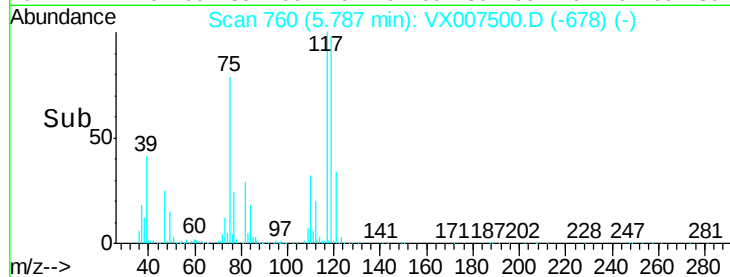
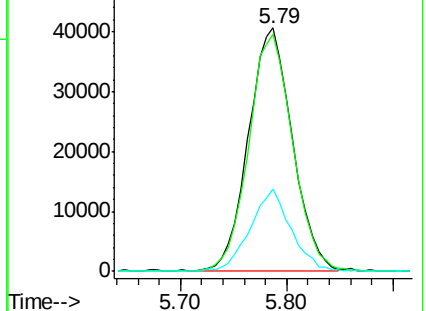
121 33.8 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.105 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

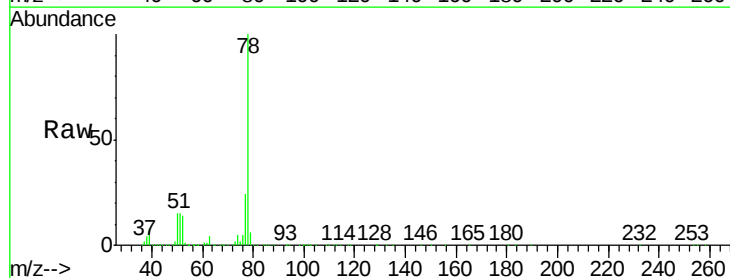
Tgt Ion: 78 Resp: 362585

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

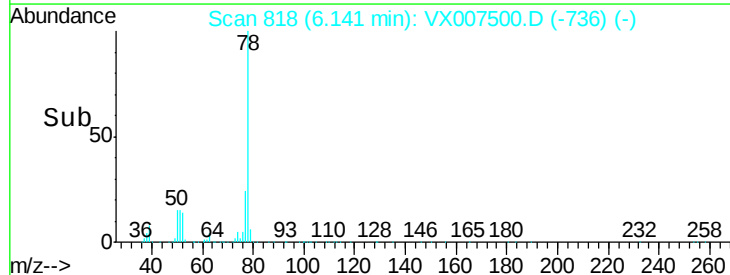
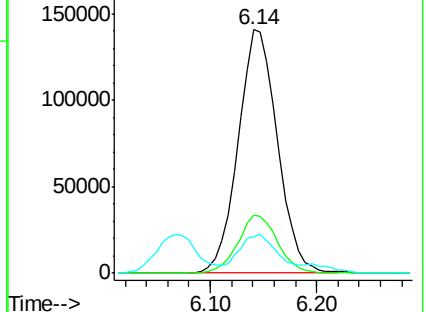
51 13.5 10.8 16.2

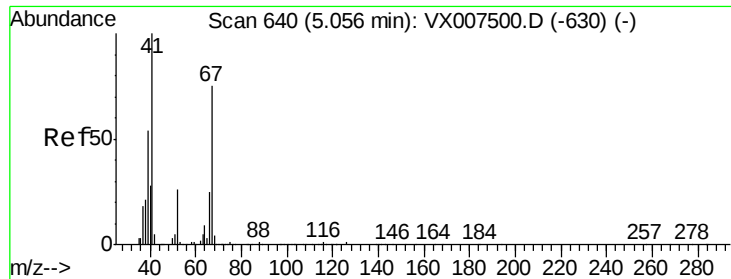


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

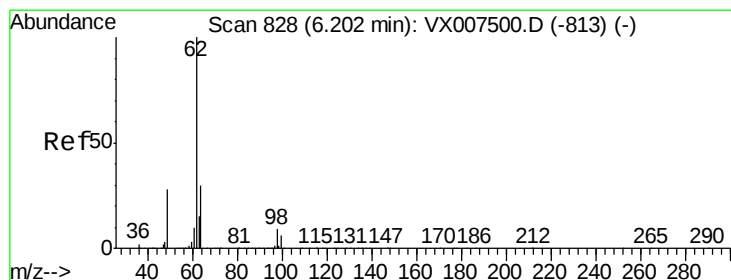
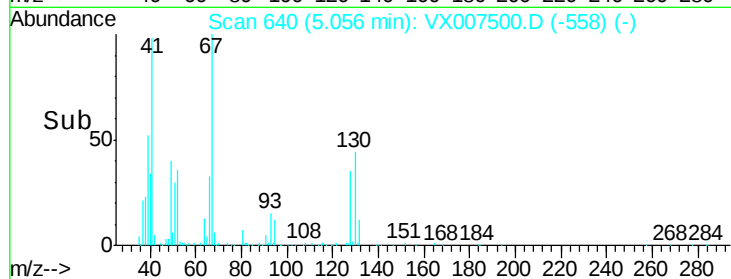
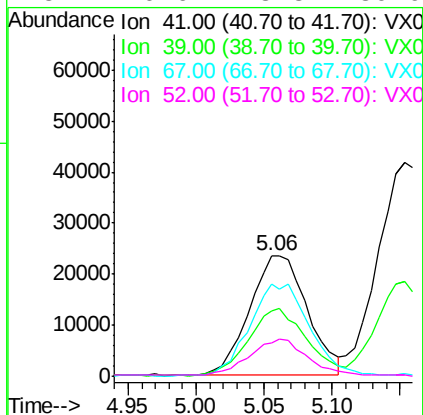
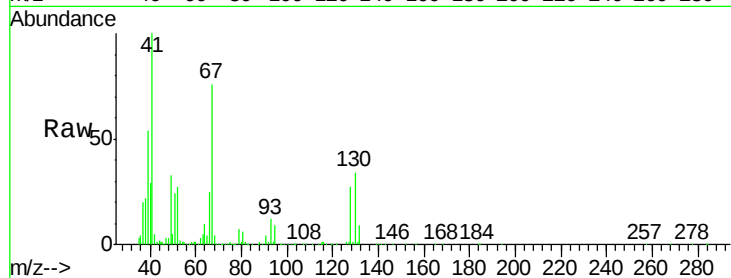




#35
Methacrylonitrile
Concen: 20.652 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

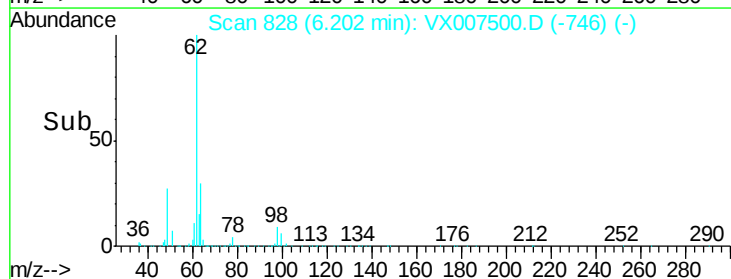
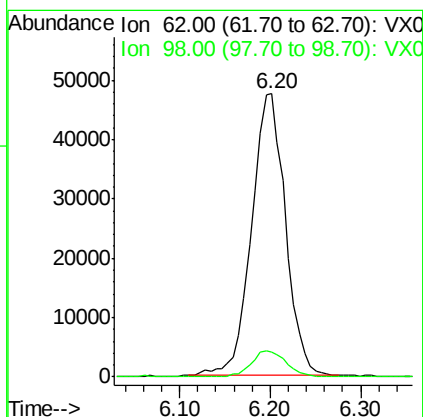
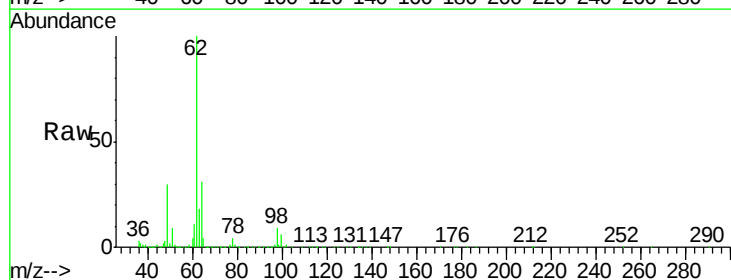
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

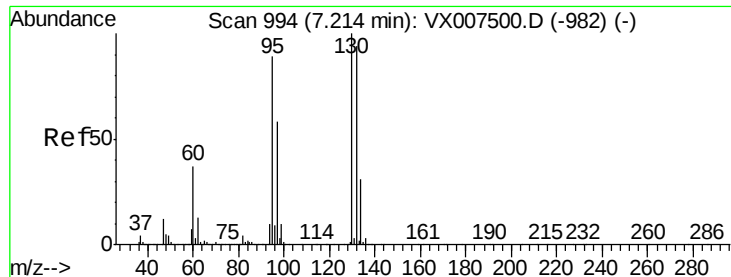
Tgt Ion:	41	Resp:	69794
Ion	Ratio	Lower	Upper
41	100		
39	54.7	27.4	82.0
67	75.7	37.9	113.6
52	26.6	13.3	39.9



#36
1,2-Dichloroethane
Concen: 20.795 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion:	62	Resp:	122942
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8





#37

Trichloroethene

Concen: 20.653 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

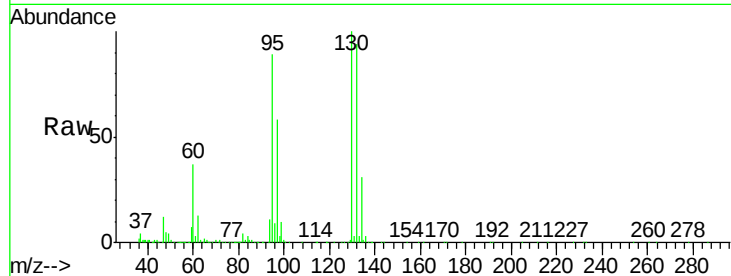
VSTDICCC020

Tgt Ion:130 Resp: 104177

Ion Ratio Lower Upper

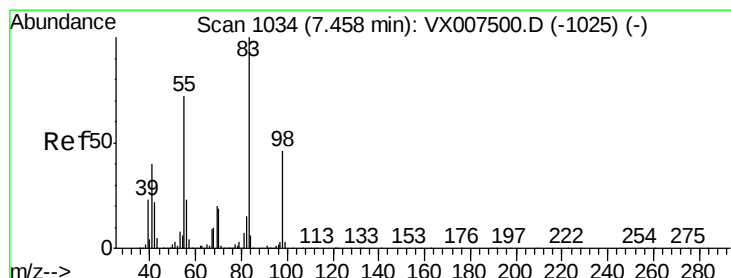
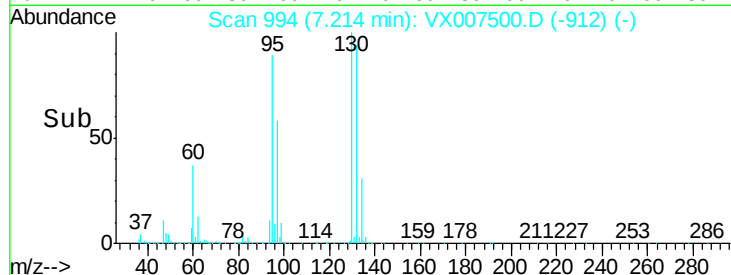
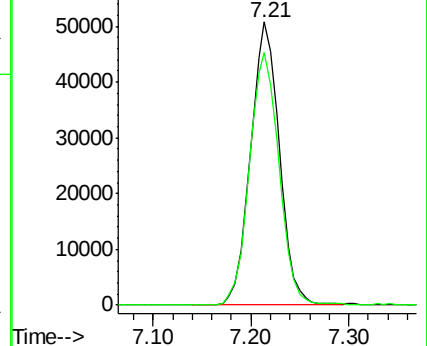
130 100

95 89.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.928 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

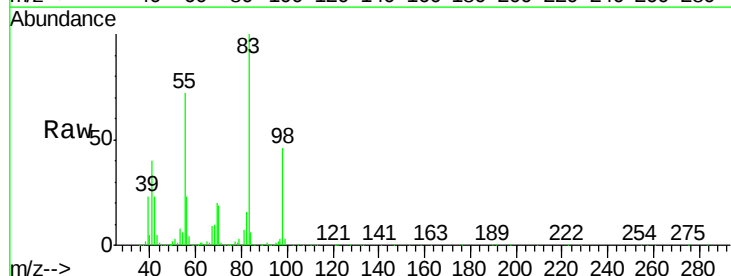
Tgt Ion: 83 Resp: 131771

Ion Ratio Lower Upper

83 100

55 72.0 36.0 108.0

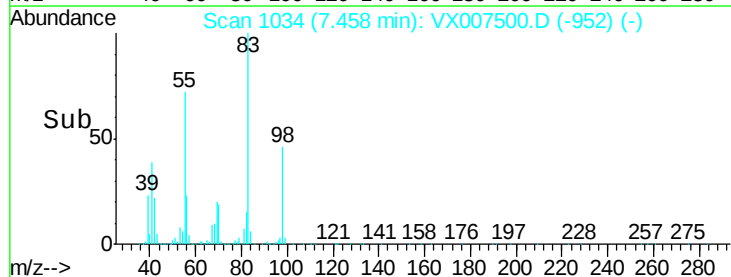
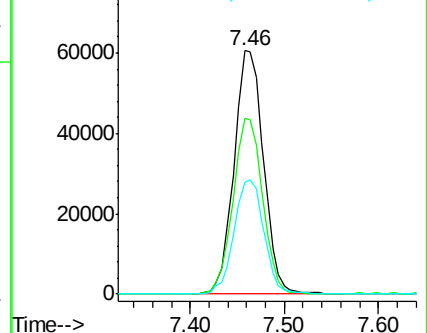
98 47.6 23.8 71.4

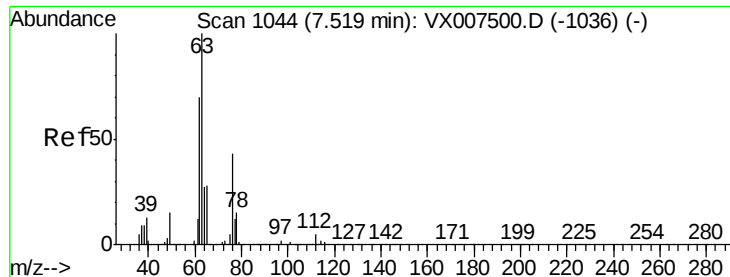


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

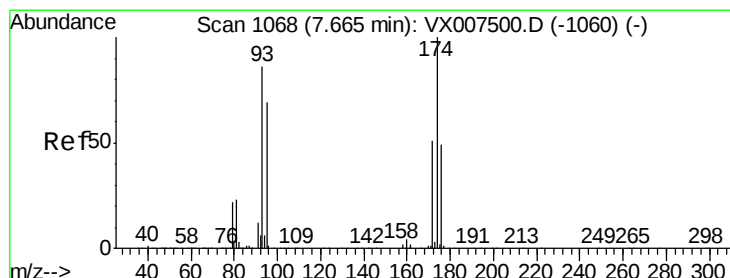
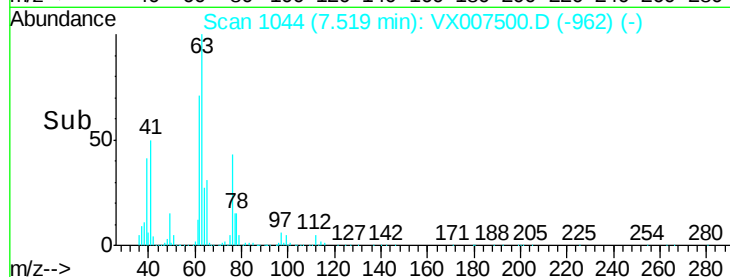
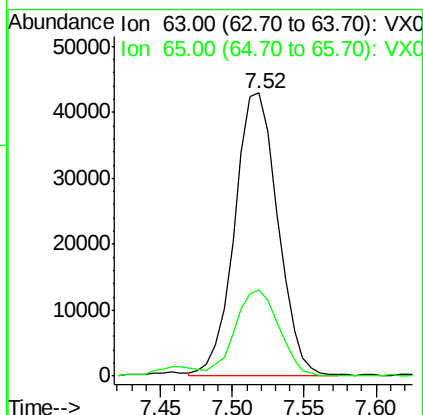
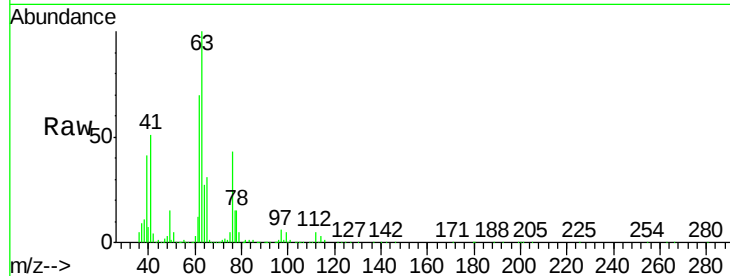




#39
 1,2-Dichloropropane
 Concen: 20.852 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

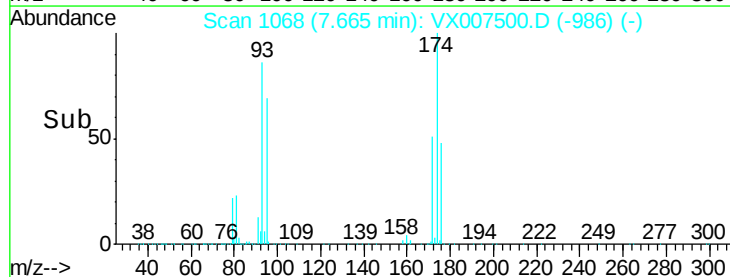
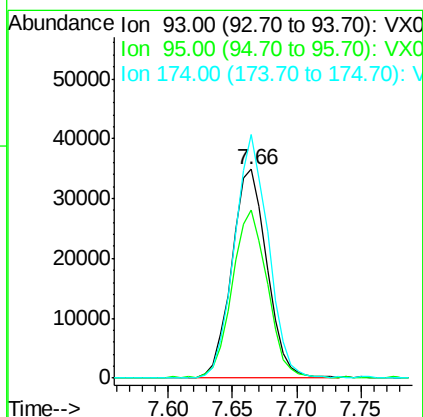
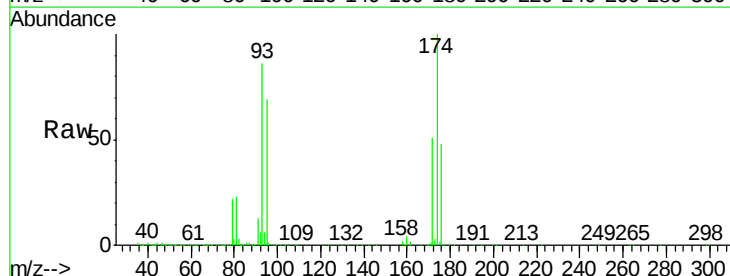
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

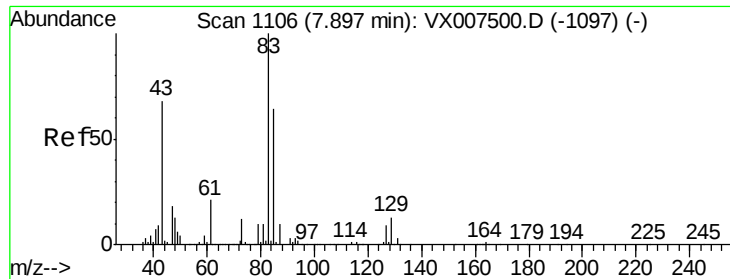
Tgt Ion: 63 Resp: 89893
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#40
 Dibromomethane
 Concen: 21.242 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion: 93 Resp: 66367
 Ion Ratio Lower Upper
 93 100
 95 79.4 0.0 158.8
 174 112.1 0.0 224.2





#41

Bromodichloromethane

Concen: 20.466 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

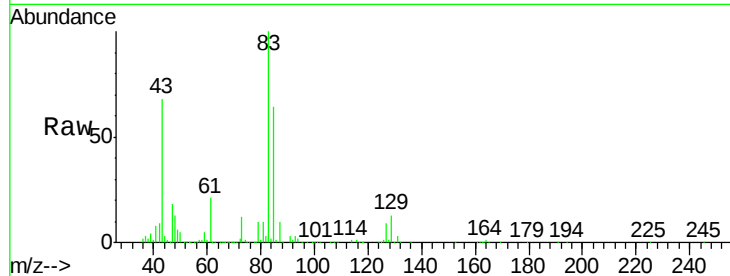
Tgt Ion: 83 Resp: 111926

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

127 9.0 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V

7.90

60000

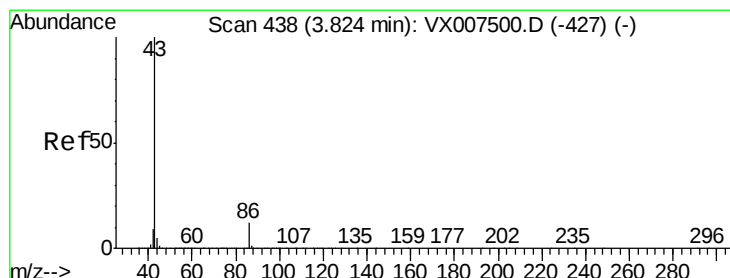
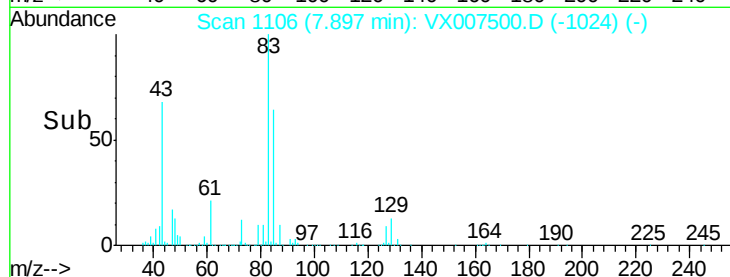
40000

20000

0

7.80 7.85 7.90 7.95 8.00

Time-->



#42

Vinyl Acetate

Concen: 106.412 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007500.D

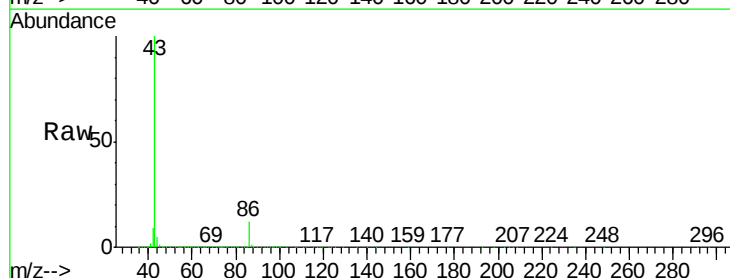
Acq: 12 Feb 2019 23:02

Tgt Ion: 43 Resp: 1210097

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

500000

400000

300000

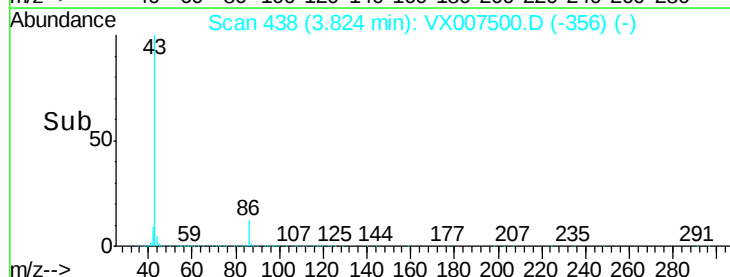
200000

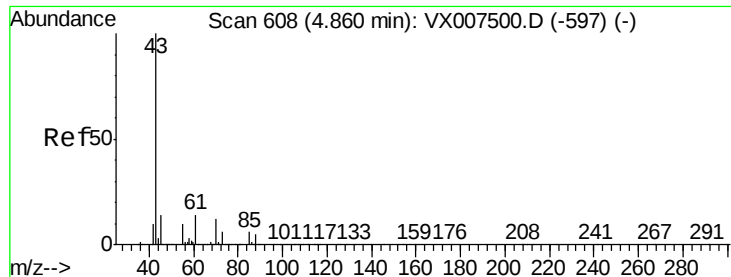
100000

0

3.70 3.80 3.90 4.00

Time-->

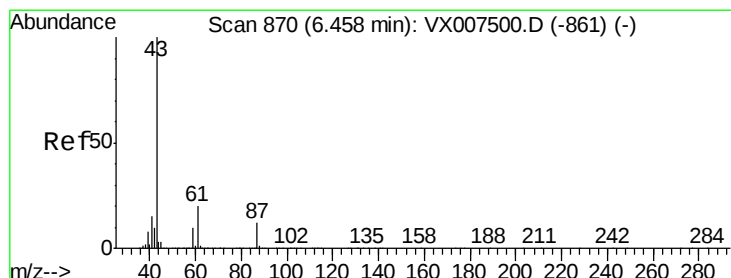
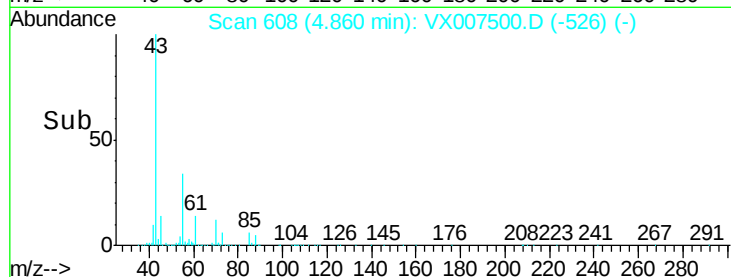
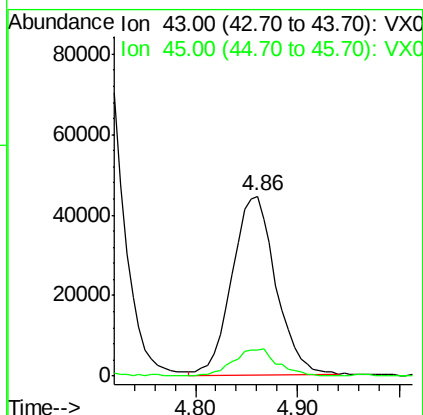
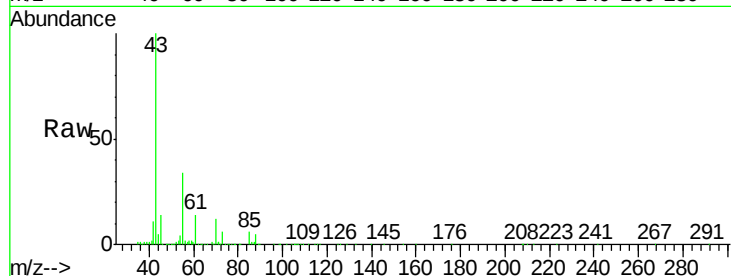




#43
Ethyl Acetate
Concen: 21.223 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

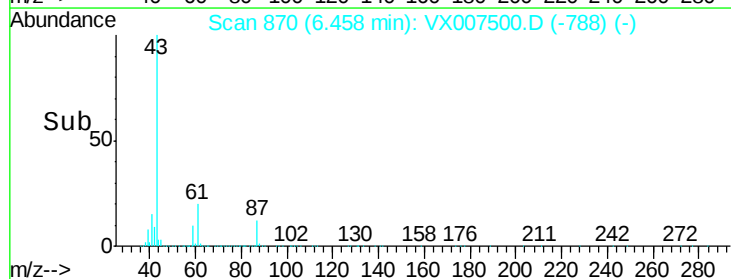
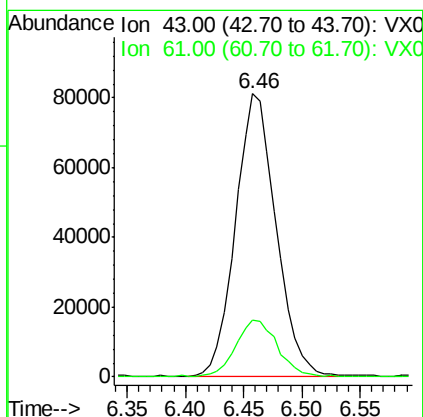
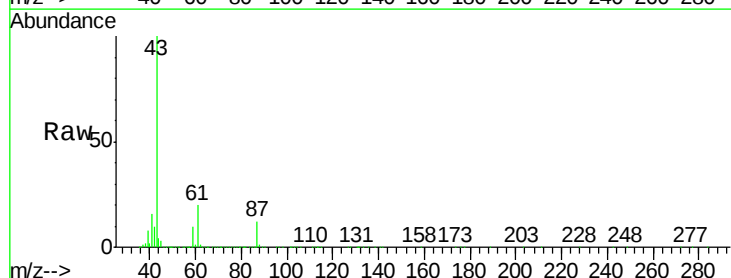
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

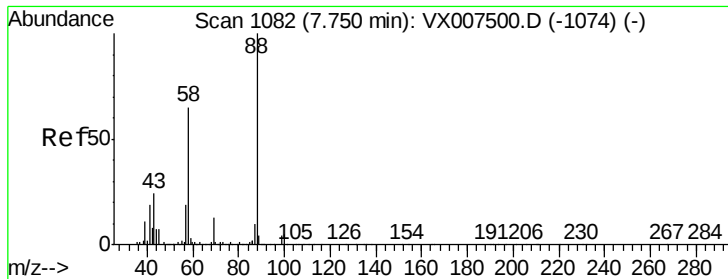
Tgt Ion: 43 Resp: 132173
Ion Ratio Lower Upper
43 100
45 8.6 6.9 10.3



#44
Isopropyl Acetate
Concen: 20.232 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 43 Resp: 195898
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1





#45

1,4-Dioxane

Concen: 413.071 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

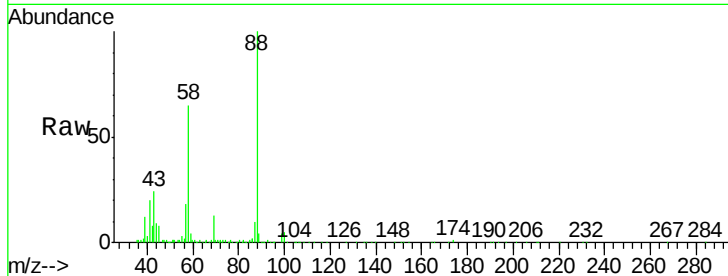
Tgt Ion: 88 Resp: 48084

Ion Ratio Lower Upper

88 100

43 29.5 23.6 35.4

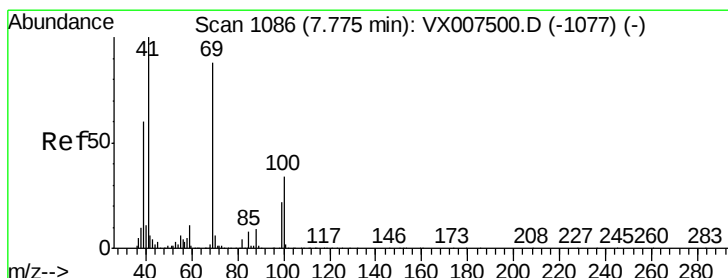
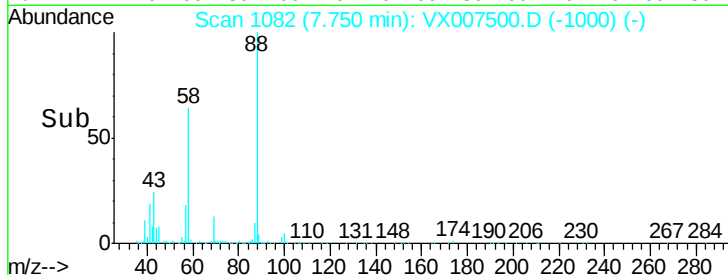
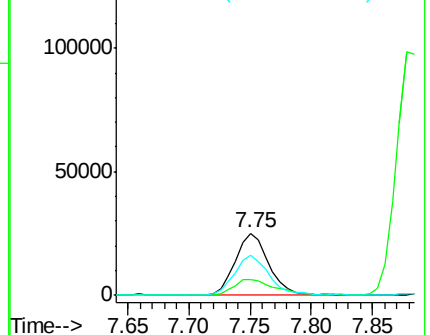
58 64.5 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 20.343 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

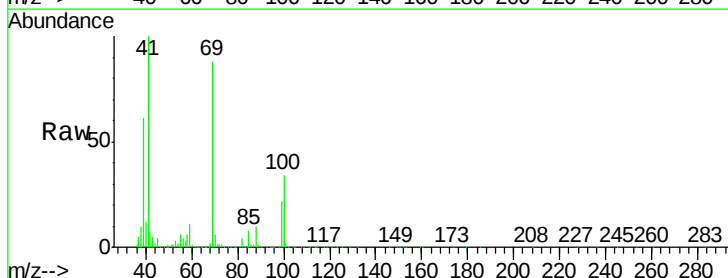
Tgt Ion: 41 Resp: 100127

Ion Ratio Lower Upper

41 100

69 88.4 44.2 132.6

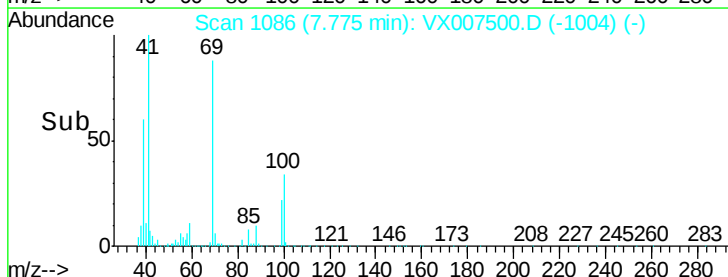
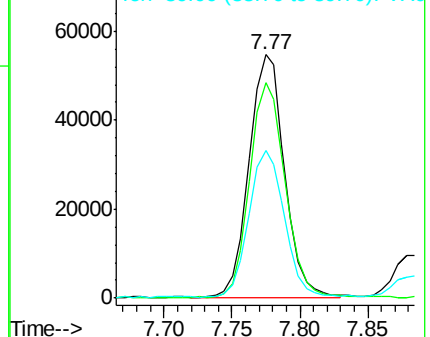
39 59.9 29.9 89.8

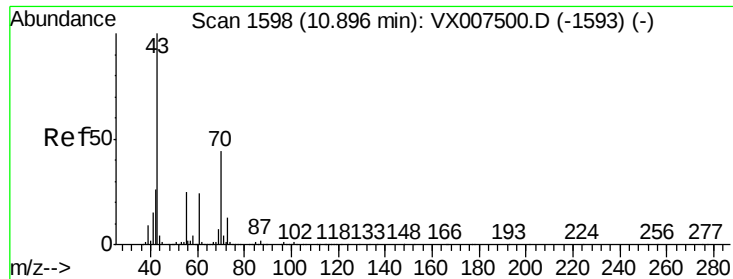


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

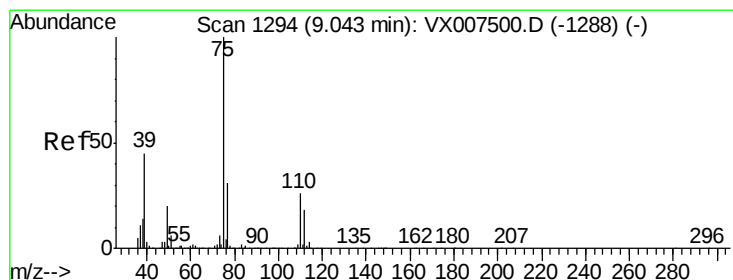
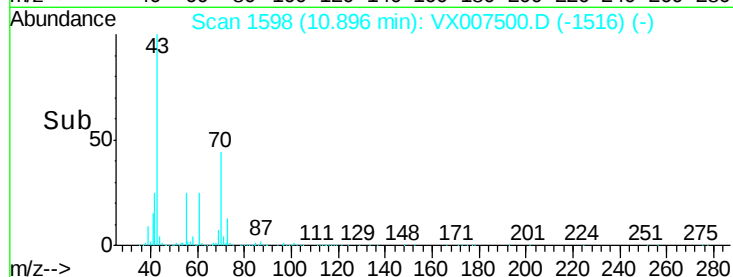
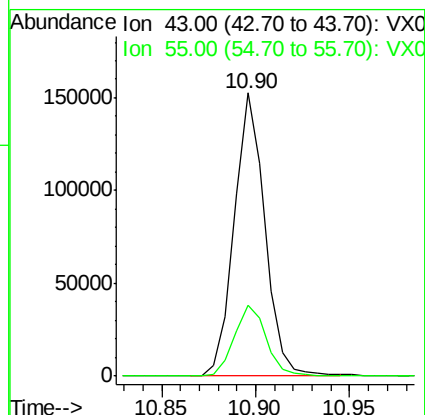
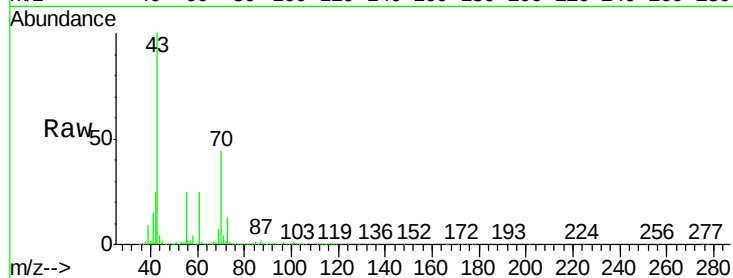




#47
n-amy1 Acetate
Concen: 20.298 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

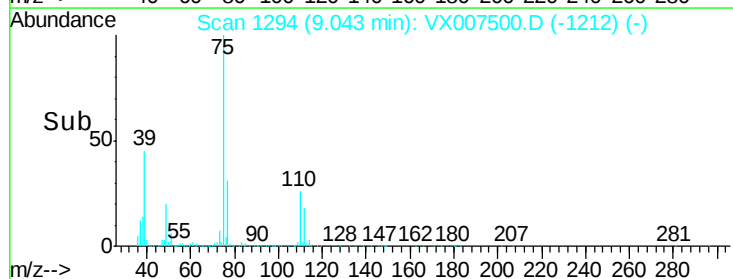
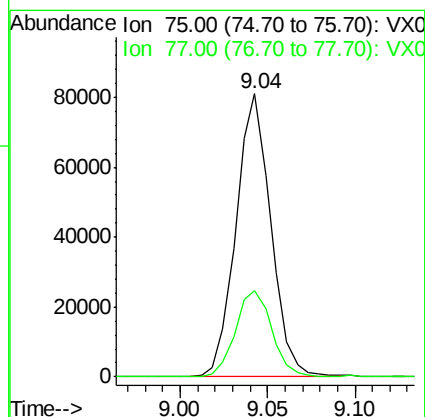
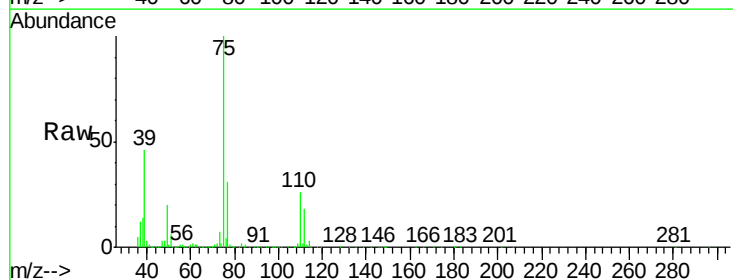
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

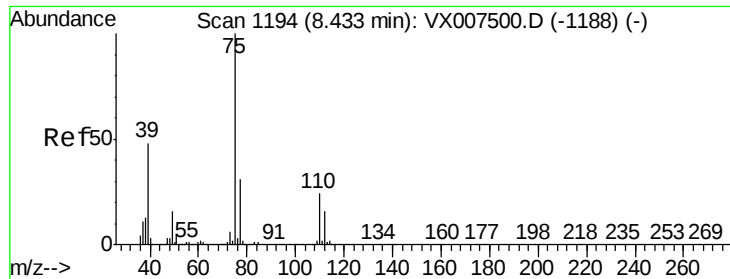
Tgt Ion: 43 Resp: 172164
Ion Ratio Lower Upper
43 100
55 26.0 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.992 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 75 Resp: 111884
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7



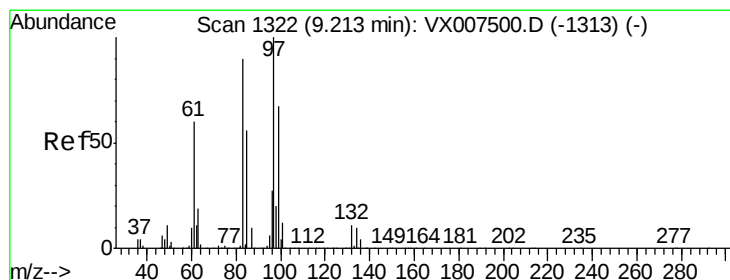
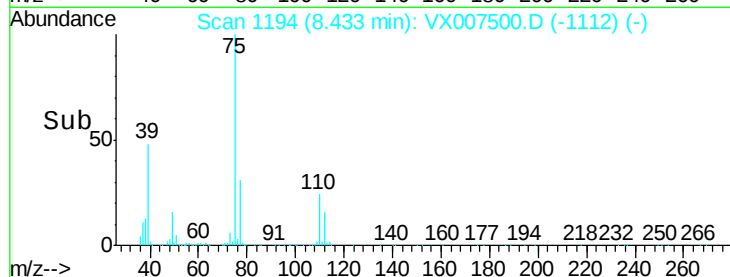
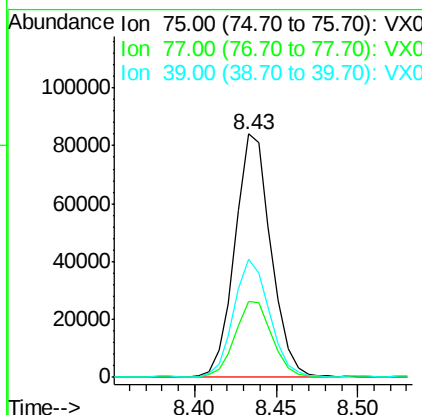
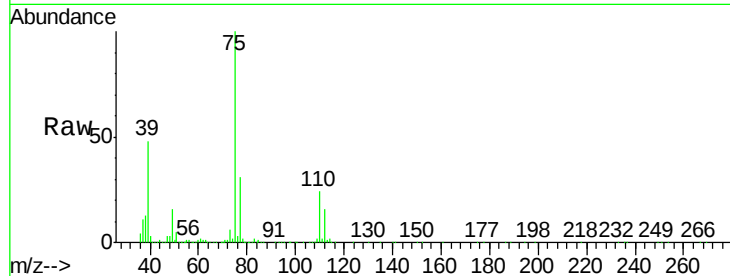


#49

cis-1,3-Dichloropropene
Concen: 19.735 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

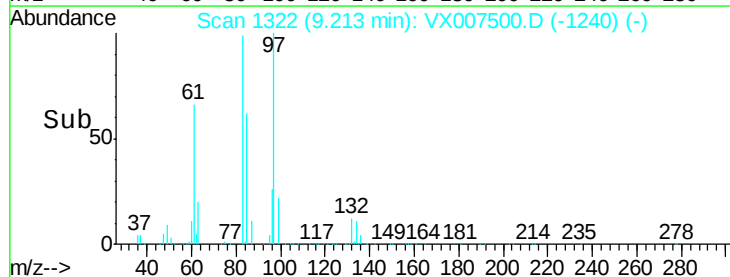
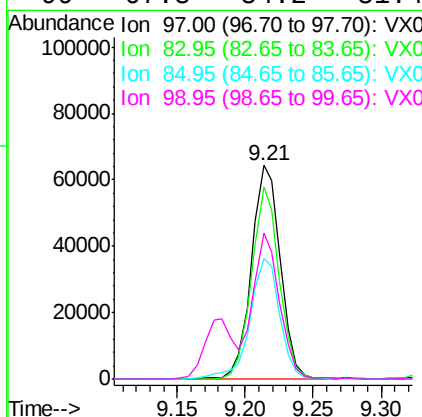
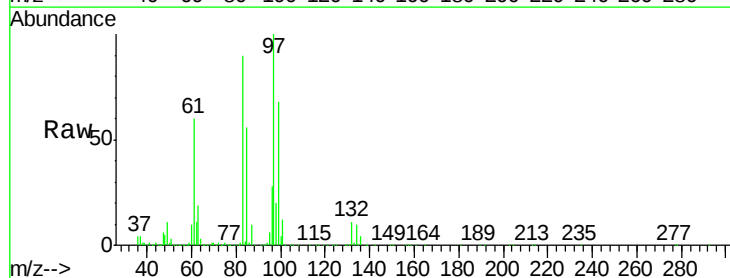
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.1	38.5	57.7

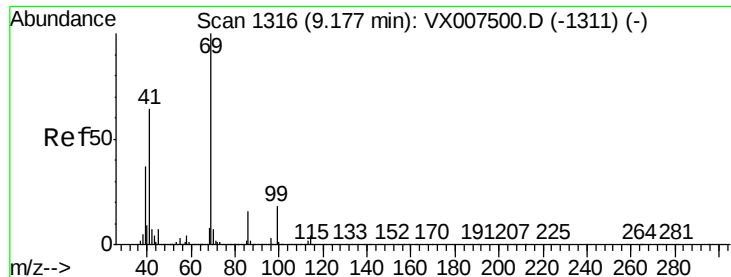


#50

1,1,2-Trichloroethane
Concen: 20.717 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.0	108.0
85	56.3	45.0	67.6
99	67.8	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.725 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

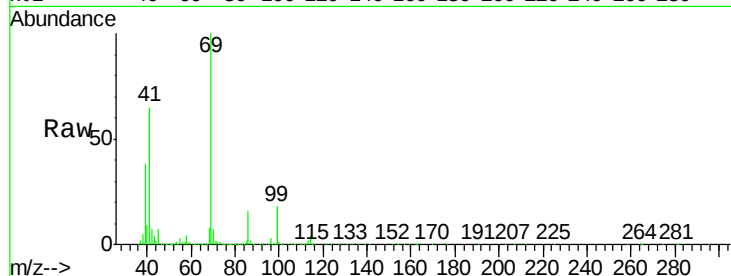
Tgt Ion: 69 Resp: 138062

Ion Ratio Lower Upper

69 100

41 64.3 32.1 96.5

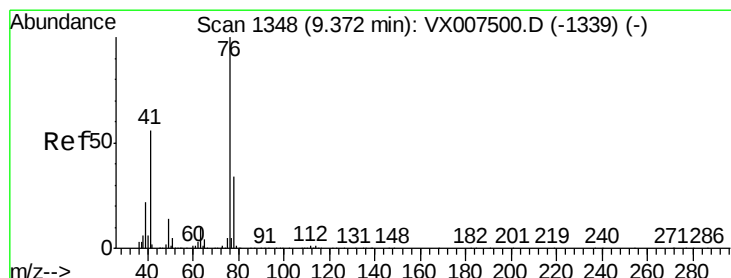
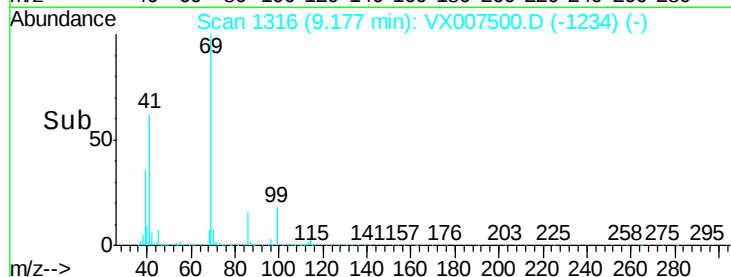
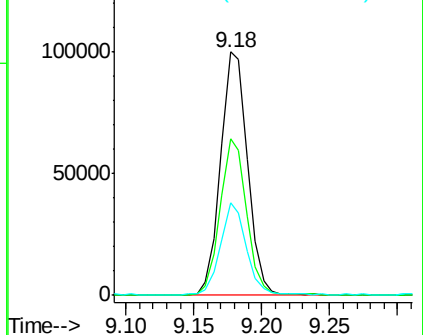
39 37.5 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.853 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007500.D

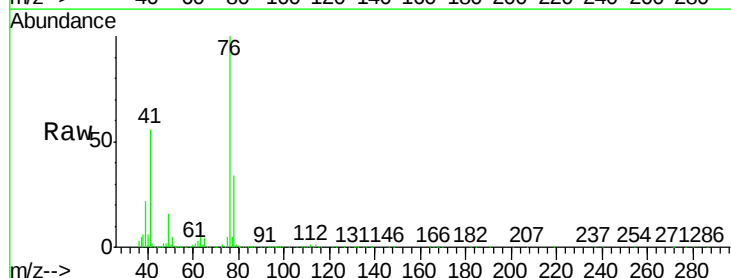
Acq: 12 Feb 2019 23:02

Tgt Ion: 76 Resp: 155449

Ion Ratio Lower Upper

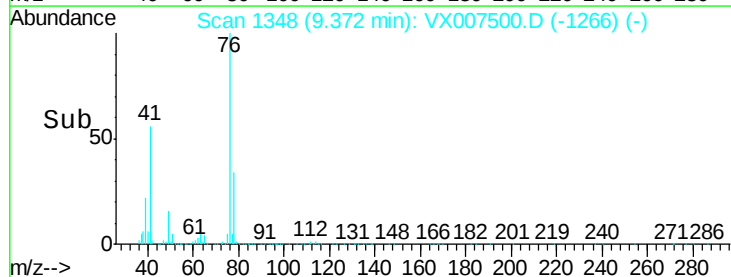
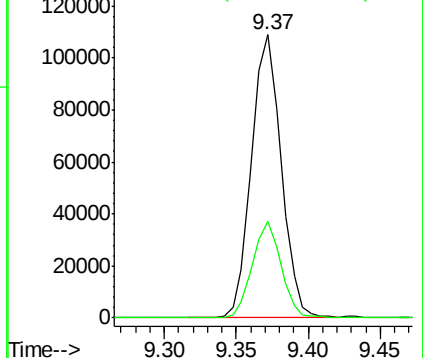
76 100

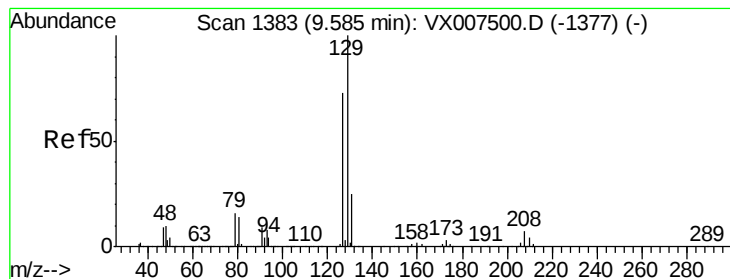
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.060 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

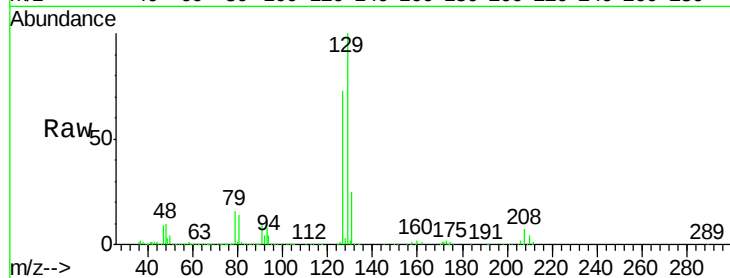
VSTDICCC020

Tgt Ion:129 Resp: 94415

Ion Ratio Lower Upper

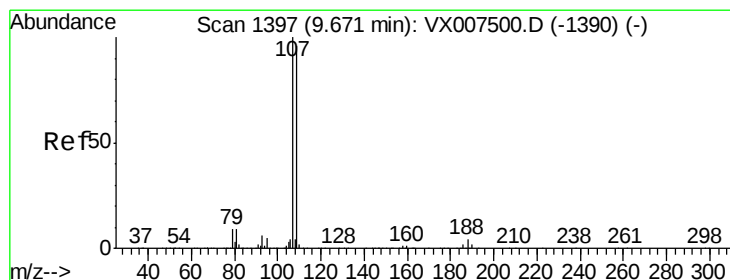
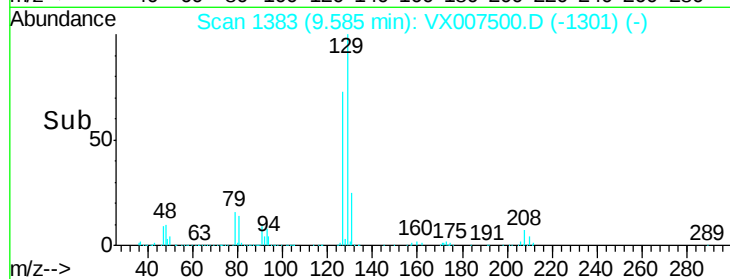
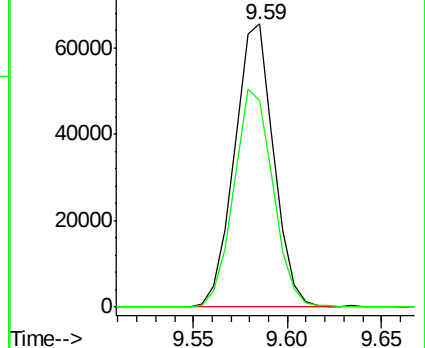
129 100

127 76.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.886 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007500.D

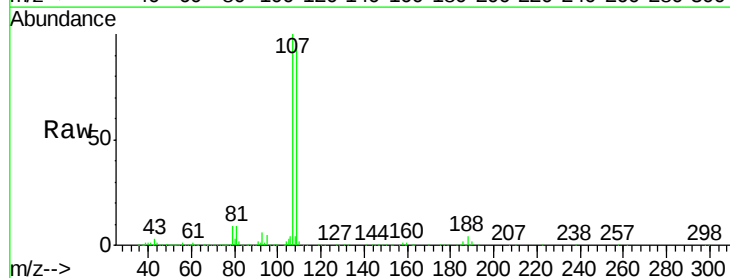
Acq: 12 Feb 2019 23:02

Tgt Ion:107 Resp: 104266

Ion Ratio Lower Upper

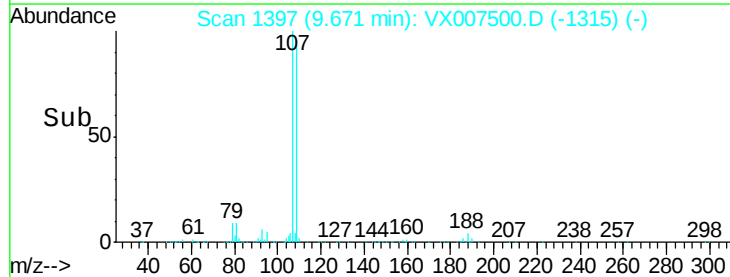
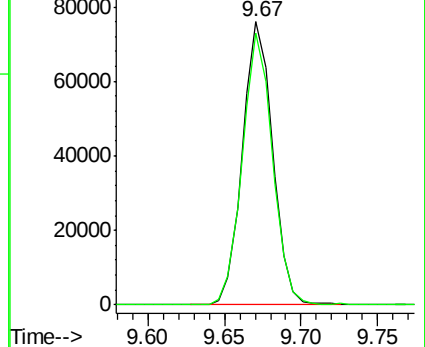
107 100

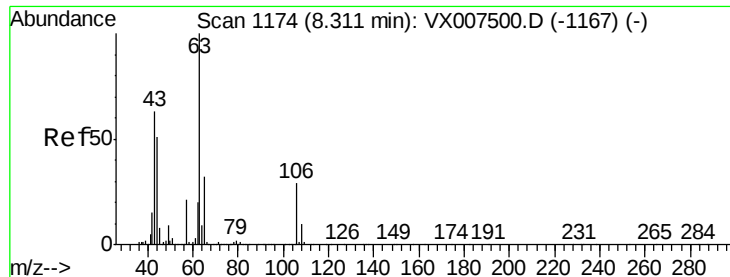
109 95.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 97.205 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

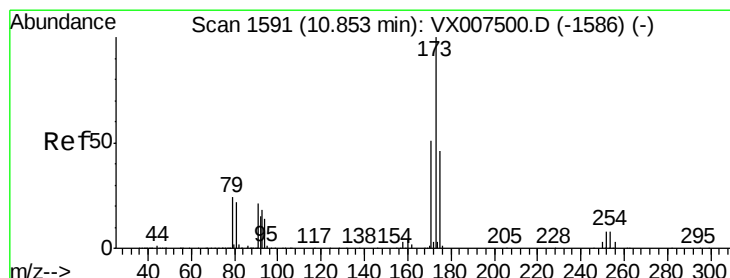
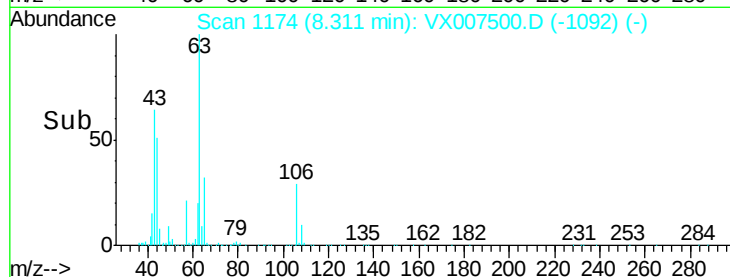
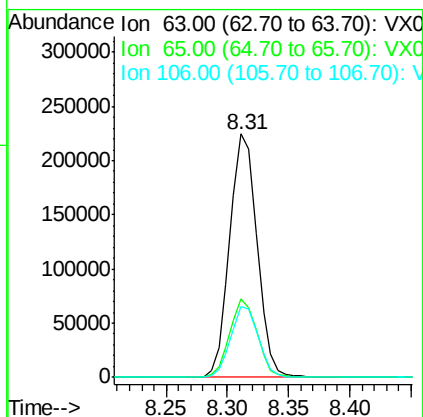
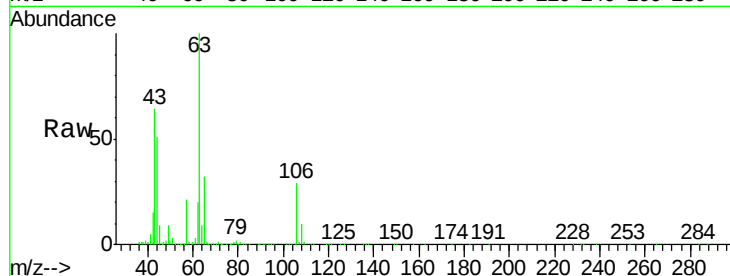
Tgt Ion: 63 Resp: 347994

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5

106 29.6 23.7 35.5



#56

Bromoform

Concen: 19.549 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

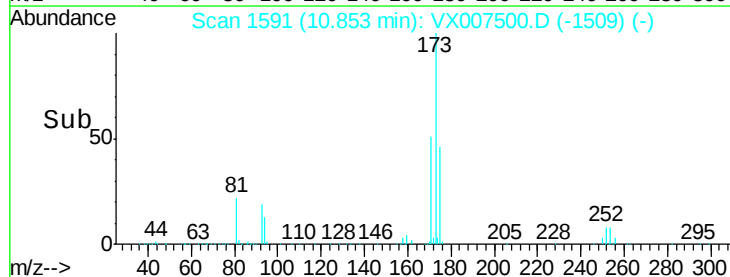
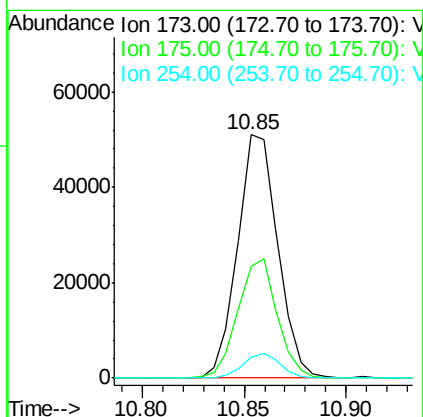
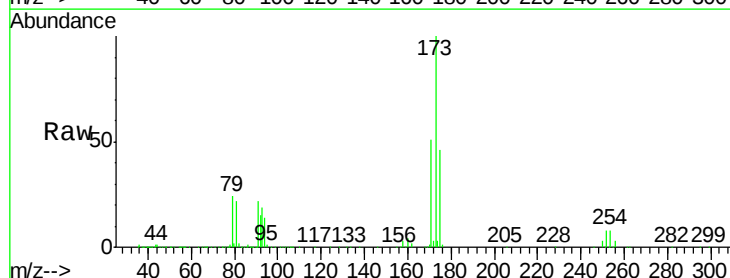
Tgt Ion: 173 Resp: 69975

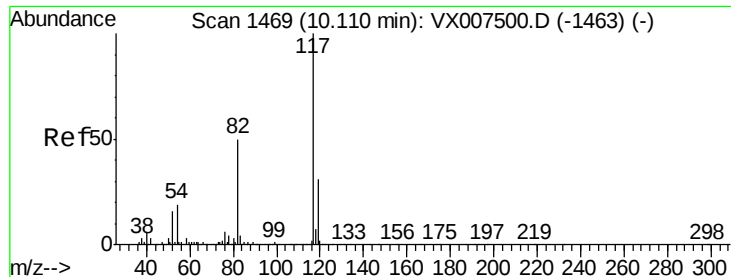
Ion Ratio Lower Upper

173 100

175 48.1 38.5 57.7

254 9.3 7.4 11.2

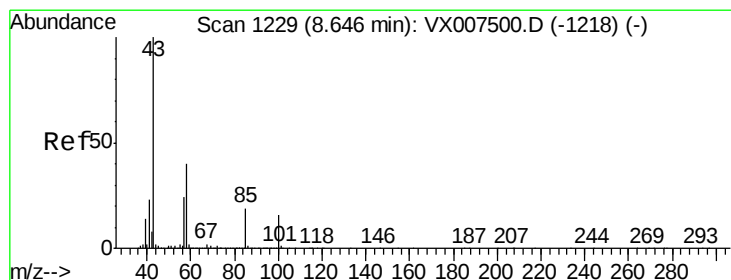
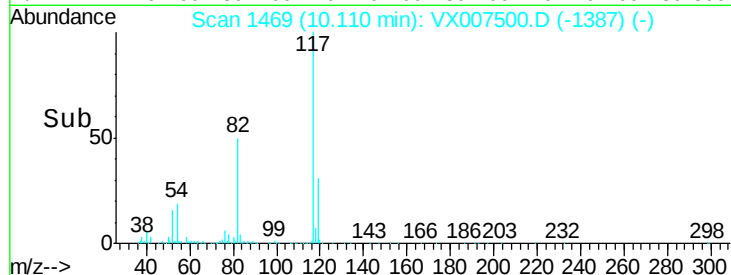
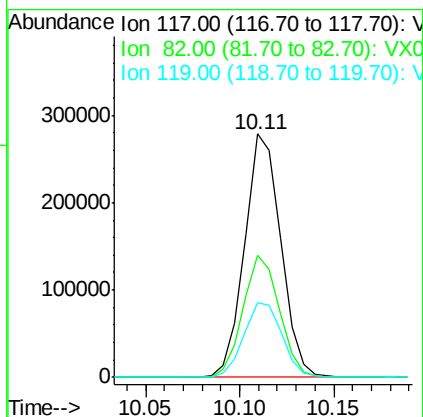
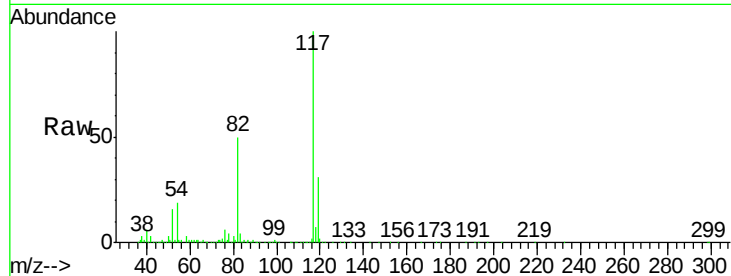




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

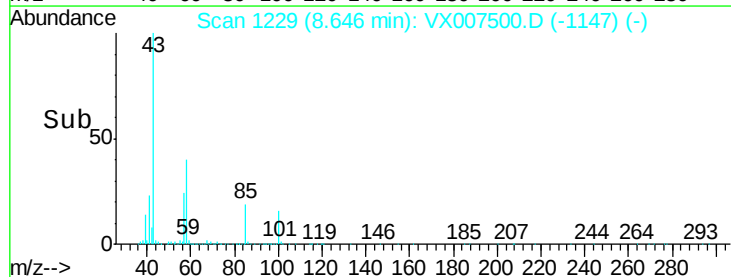
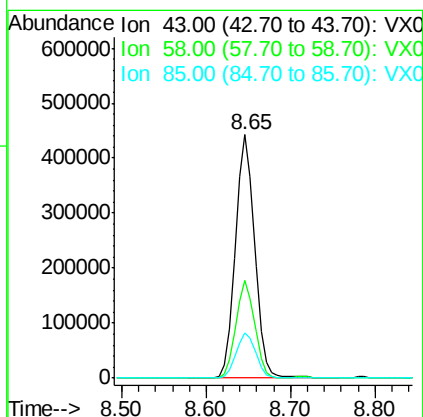
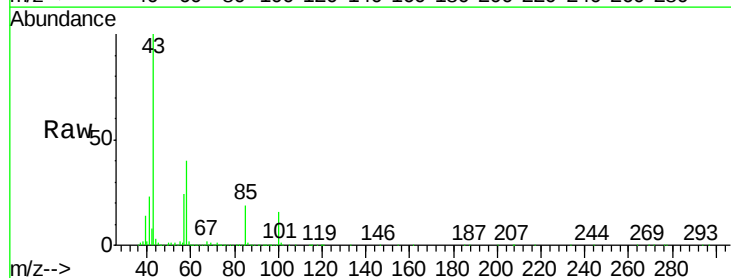
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

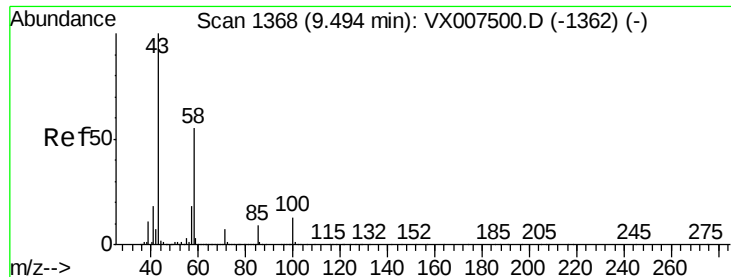
Tgt Ion: 117 Resp: 372813
Ion Ratio Lower Upper
117 100
82 50.5 40.4 60.6
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 107.142 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 43 Resp: 679733
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0
85 18.8 15.0 22.6

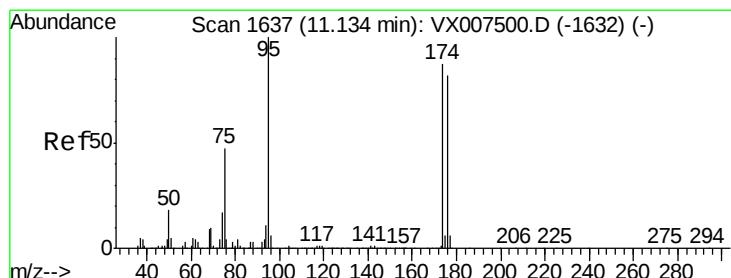
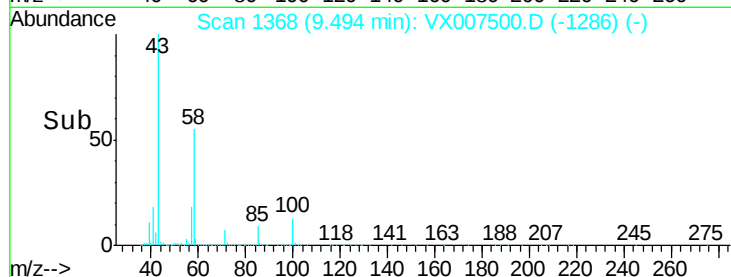
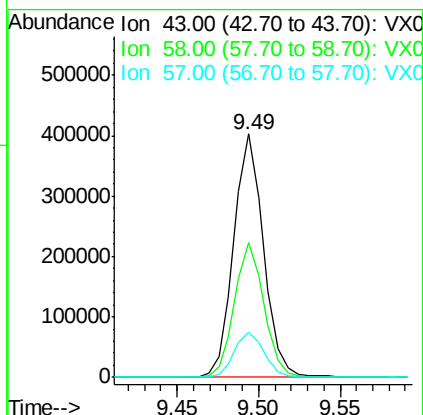
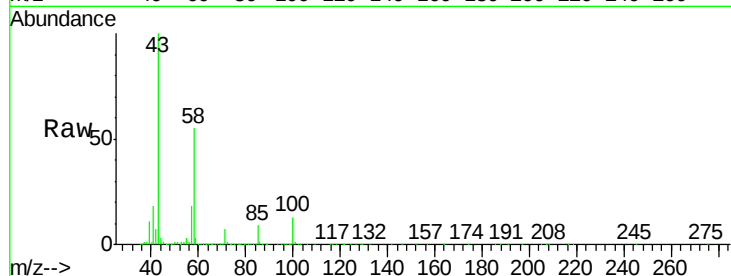




#59
2-Hexanone
Concen: 105.456 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

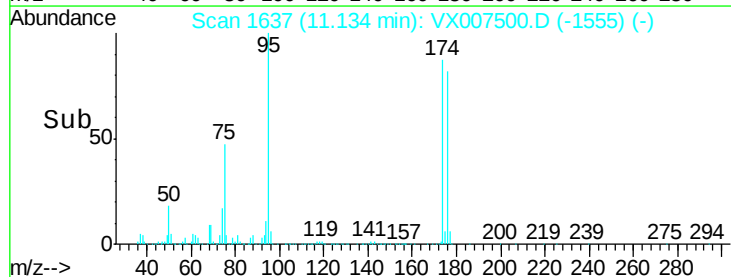
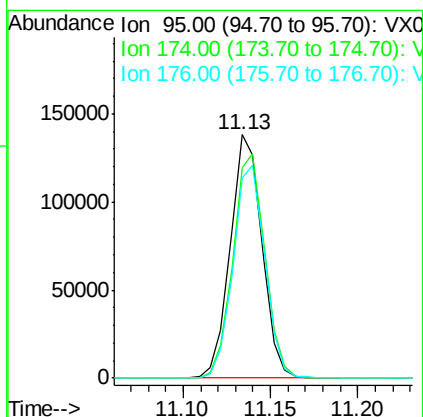
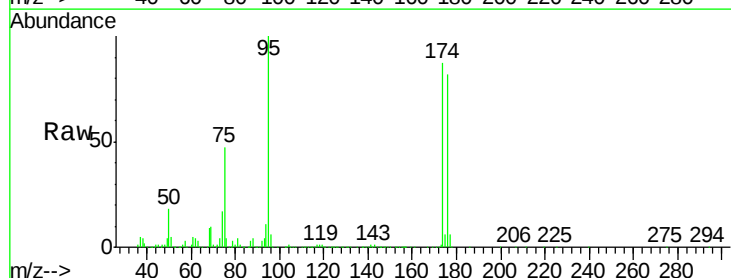
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

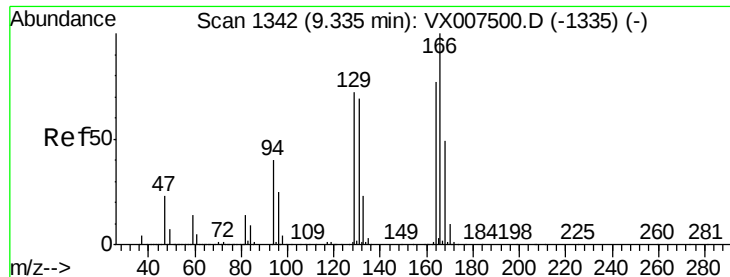
Tgt Ion: 43 Resp: 512864
Ion Ratio Lower Upper
43 100
58 54.9 43.9 65.9
57 18.6 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.186 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 95 Resp: 173039
Ion Ratio Lower Upper
95 100
174 93.6 74.9 112.3
176 88.4 70.7 106.1





#61

Tetrachloroethene

Concen: 20.321 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 105131

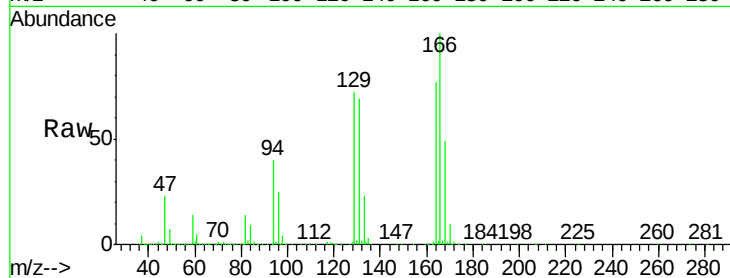
Ion Ratio Lower Upper

164 100

166 129.9 103.9 155.9

129 93.4 74.7 112.1

131 89.6 71.7 107.5

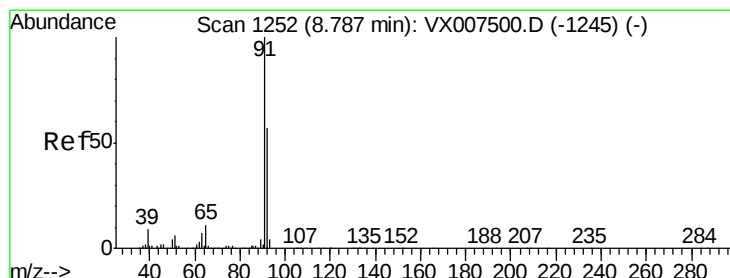
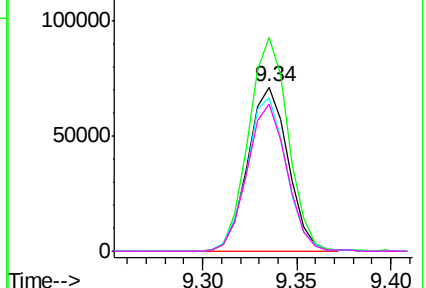
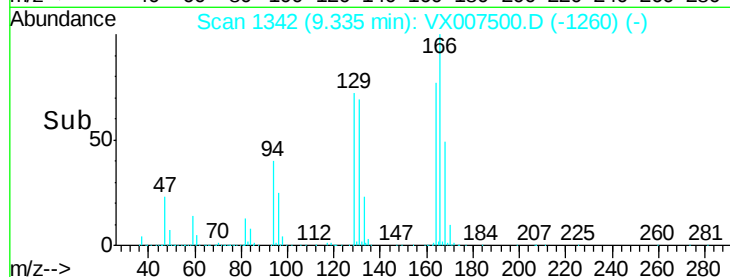


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.008 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007500.D

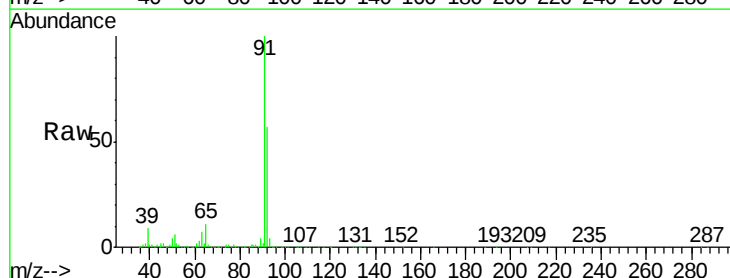
Acq: 12 Feb 2019 23:02

Tgt Ion: 91 Resp: 401668

Ion Ratio Lower Upper

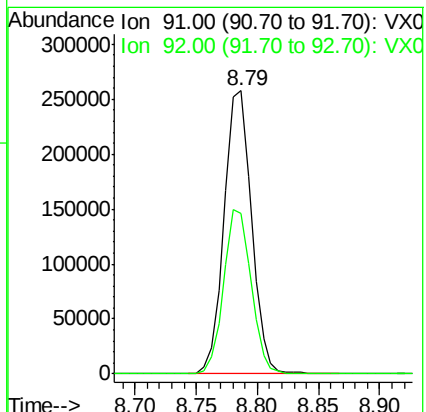
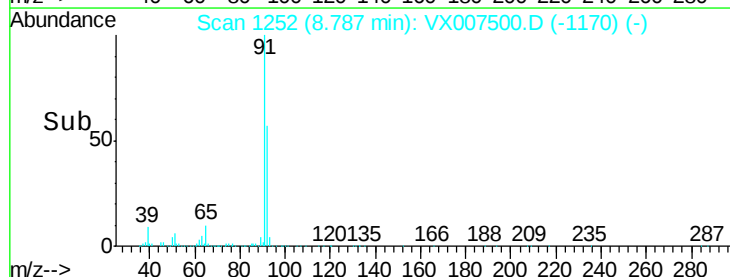
91 100

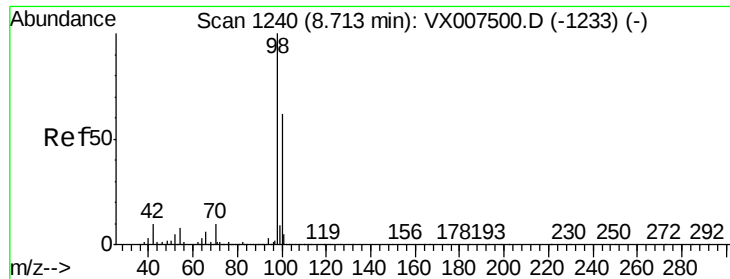
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

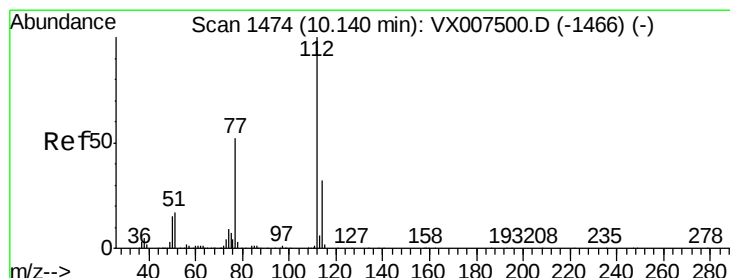
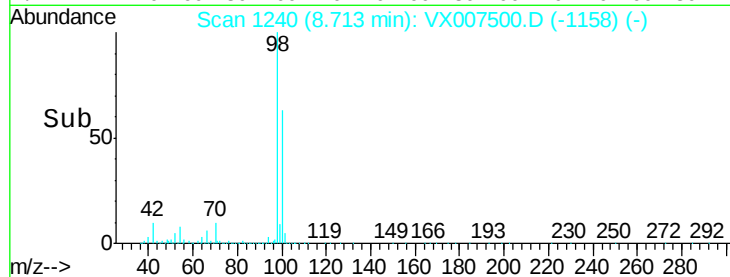
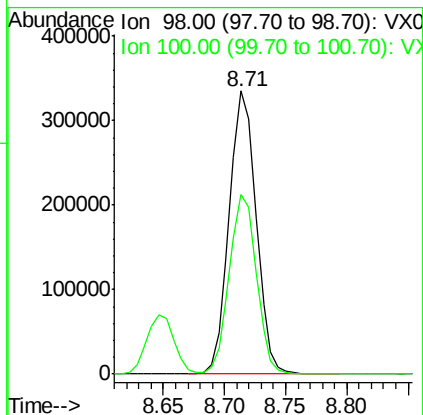
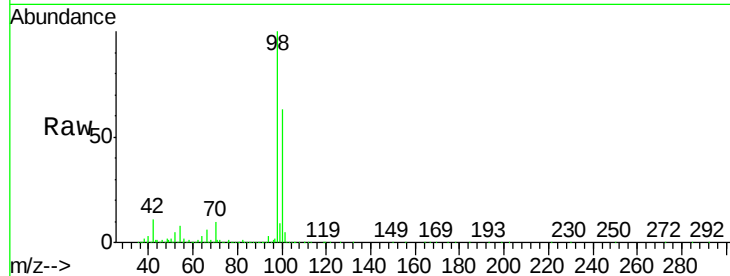
VSTDICCC020

Tgt Ion: 98 Resp: 511991

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#64

Chlorobenzene

Concen: 20.835 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007500.D

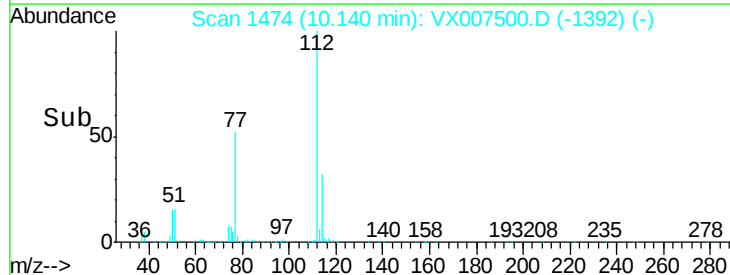
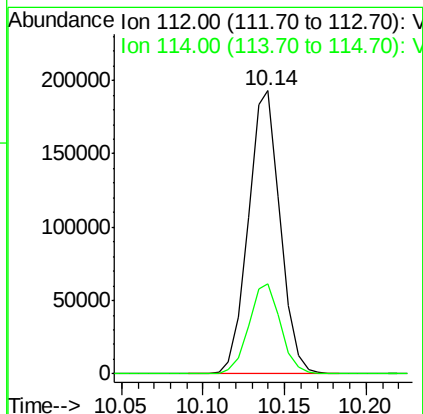
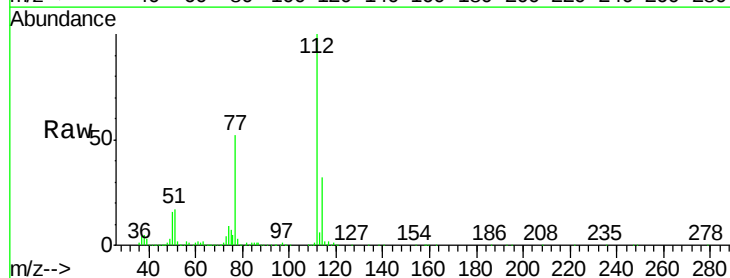
Acq: 12 Feb 2019 23:02

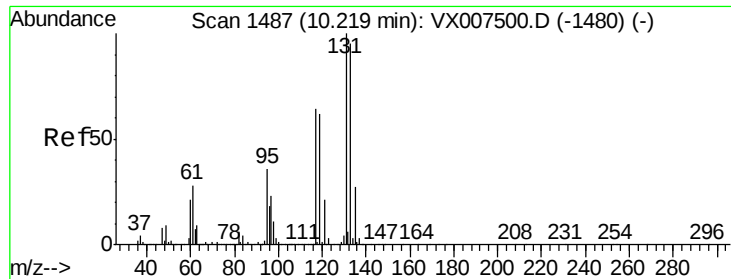
Tgt Ion: 112 Resp: 262493

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.814 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

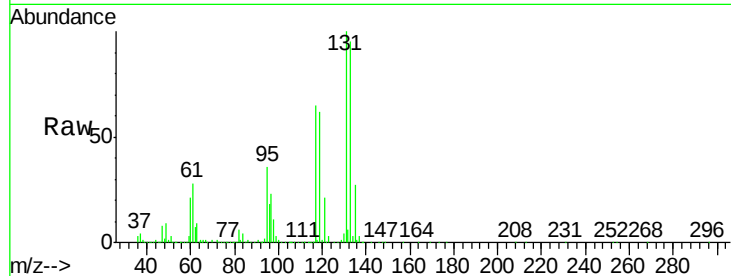
Tgt Ion: 131 Resp: 93426

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.6

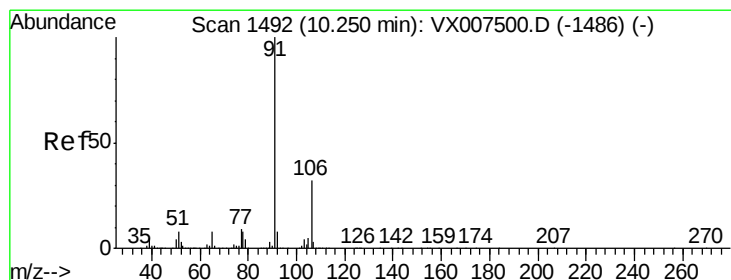
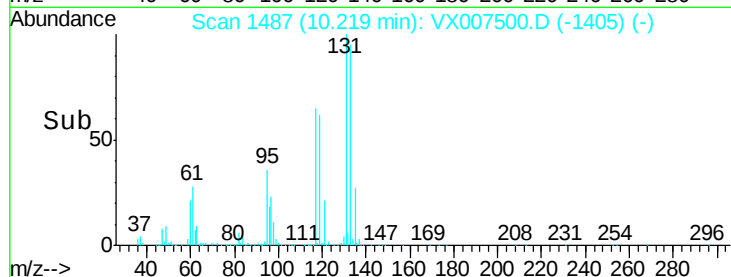
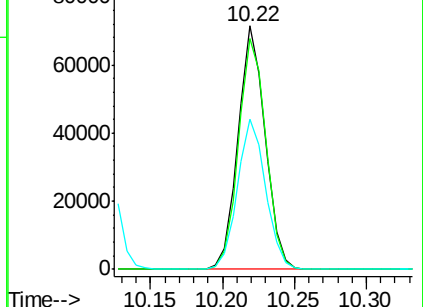
119 63.7 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.430 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007500.D

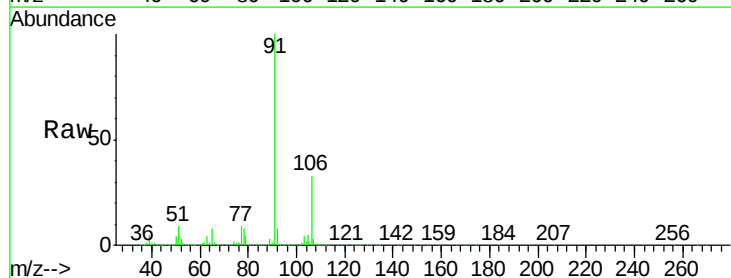
Acq: 12 Feb 2019 23:02

Tgt Ion: 91 Resp: 420568

Ion Ratio Lower Upper

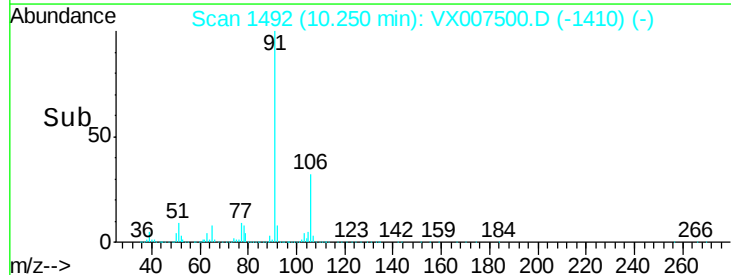
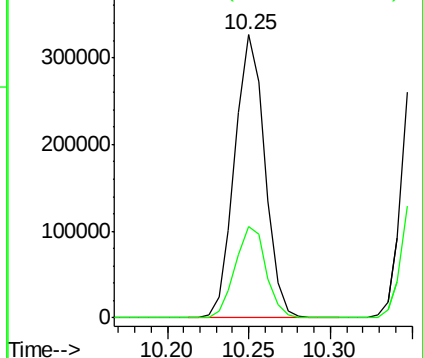
91 100

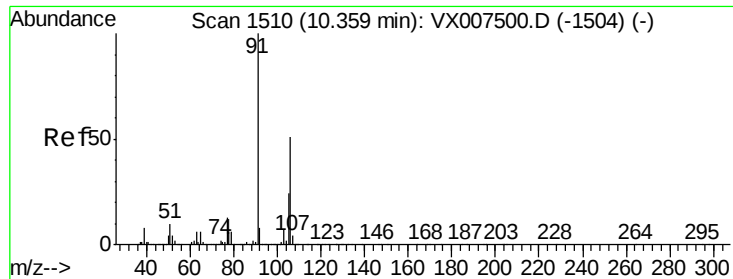
106 32.5 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

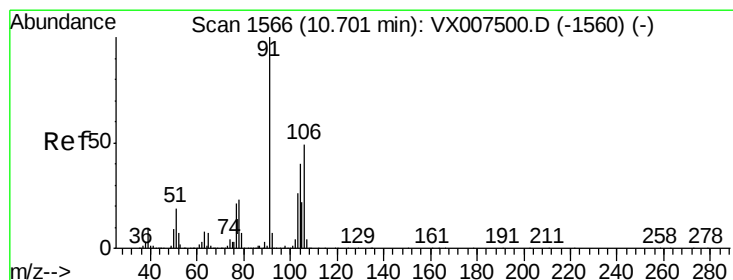
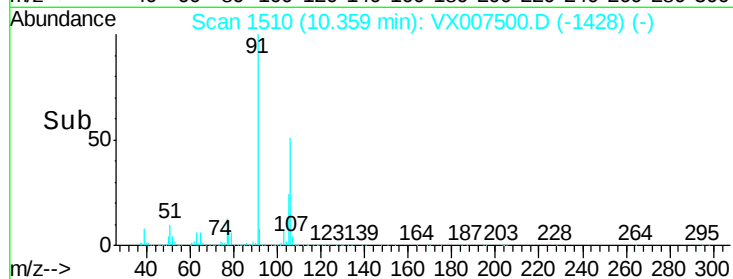
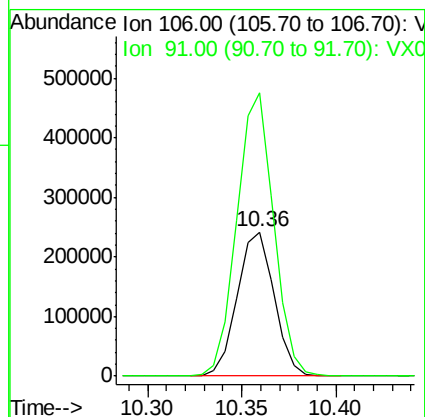
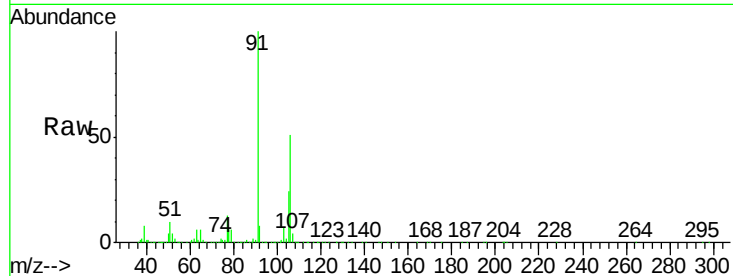




#67
m/p-Xylenes
Concen: 40.414 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

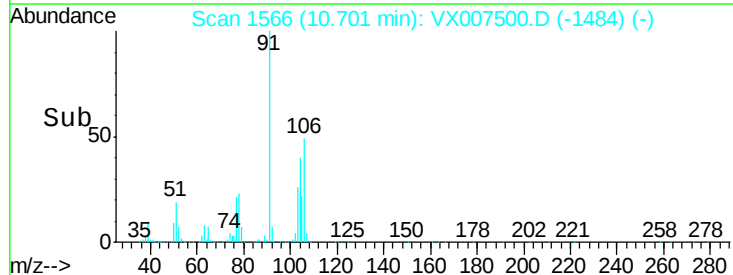
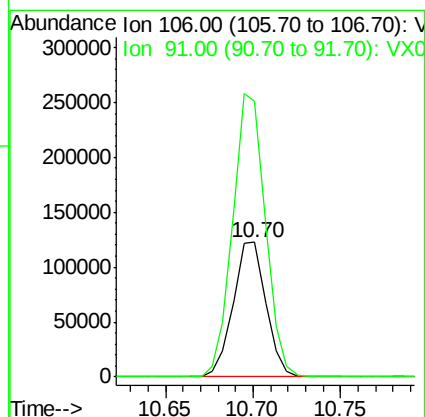
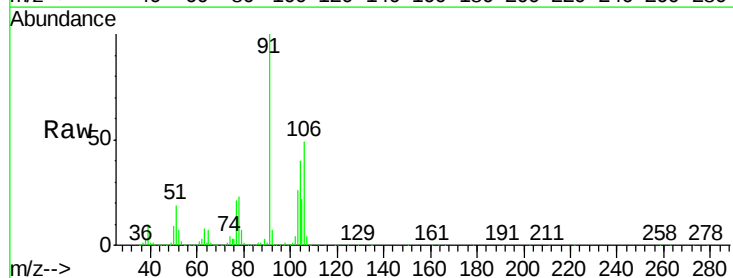
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

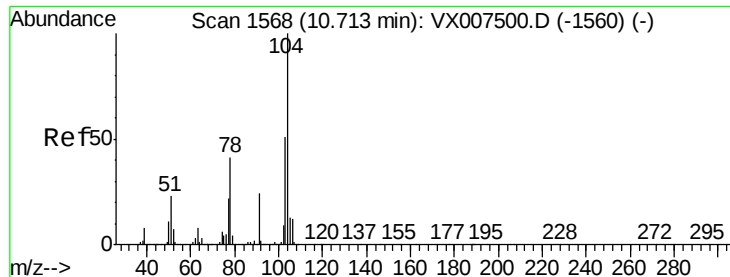
Tgt Ion:106 Resp: 327629
Ion Ratio Lower Upper
106 100
91 196.2 157.0 235.4



#68
o-Xylene
Concen: 20.239 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion:106 Resp: 160780
Ion Ratio Lower Upper
106 100
91 208.8 104.4 313.2





#69

Styrene

Concen: 20.065 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

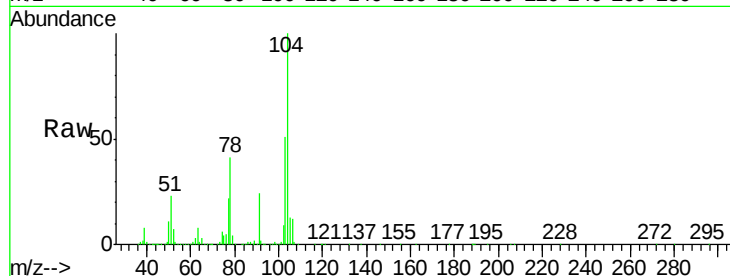
Tgt Ion:104 Resp: 257249

Ion Ratio Lower Upper

104 100

78 47.7 38.2 57.2

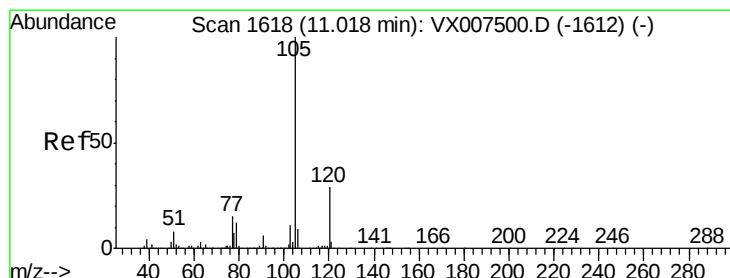
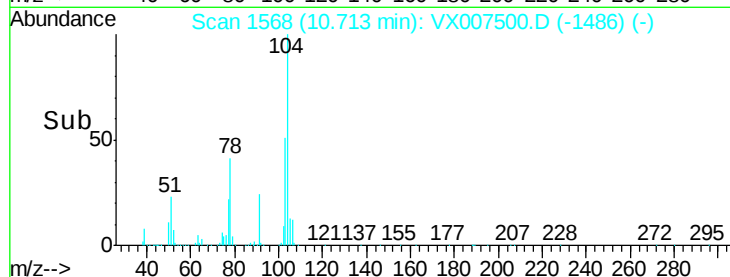
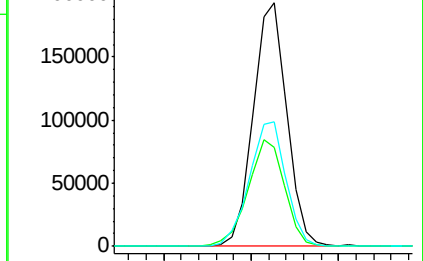
103 56.2 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.177 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007500.D

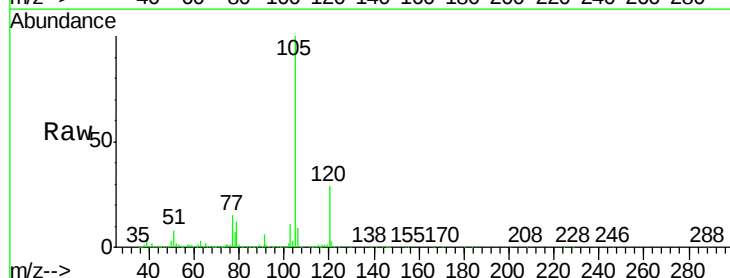
Acq: 12 Feb 2019 23:02

Tgt Ion:105 Resp: 423533

Ion Ratio Lower Upper

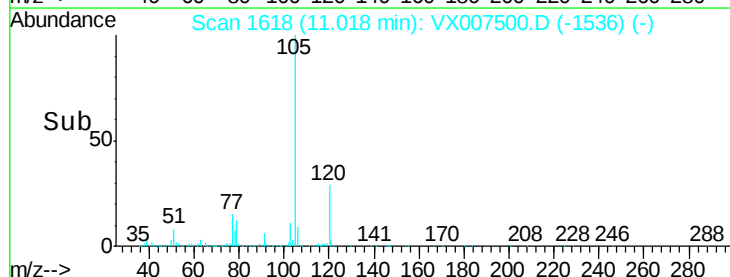
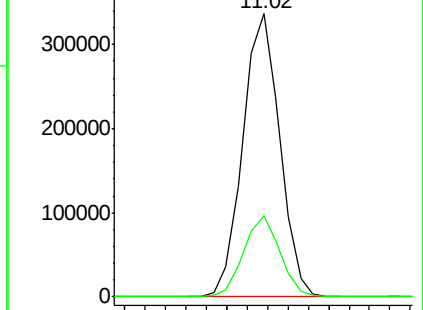
105 100

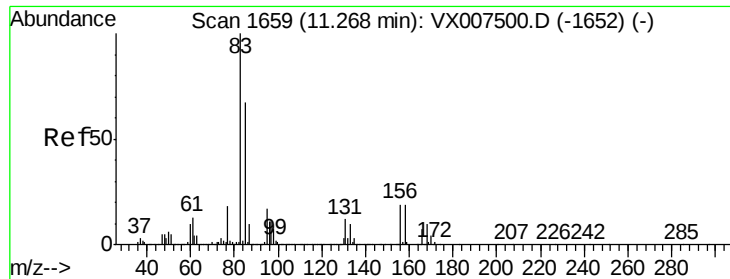
120 28.3 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

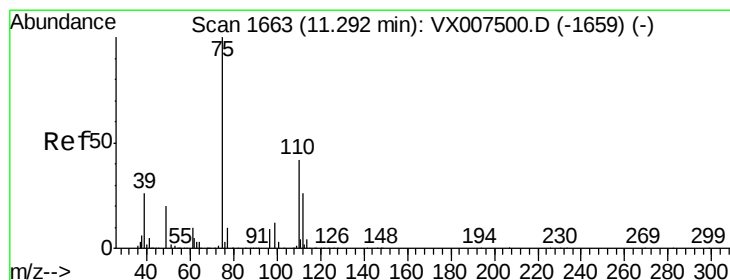
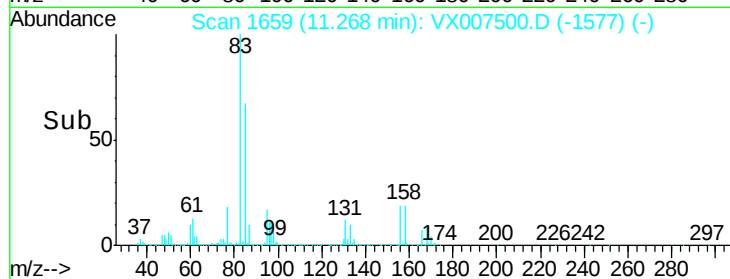
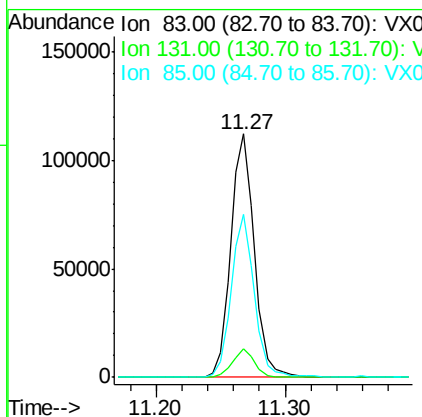
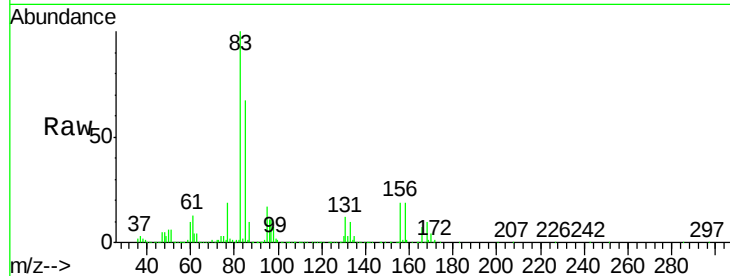




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.185 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

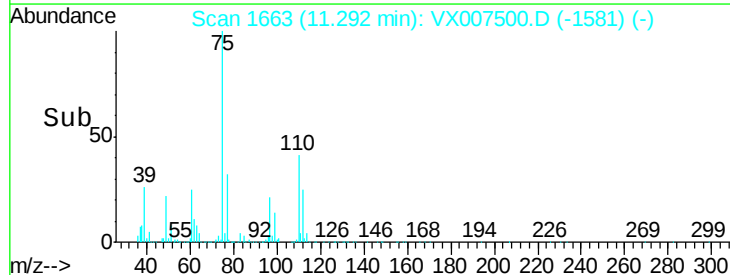
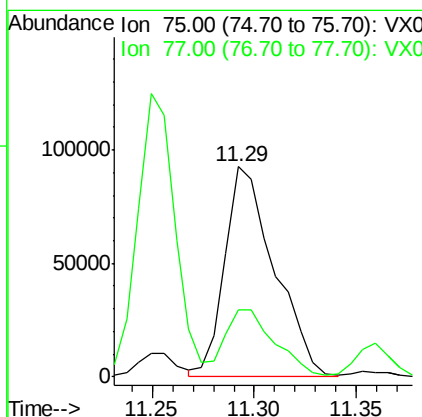
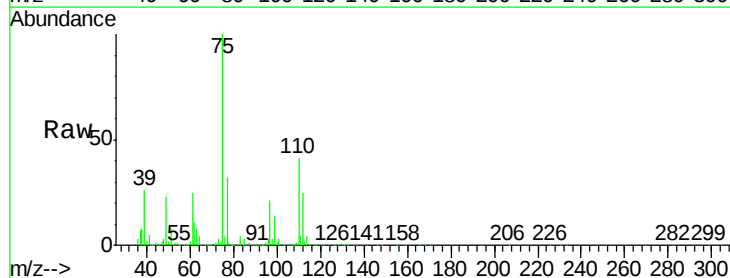
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

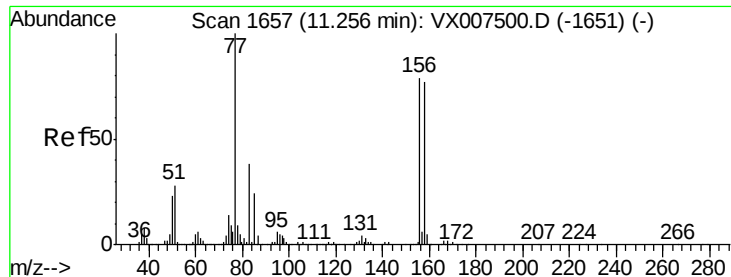
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	65.6	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.574 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	0.0	76.4





#73

Bromobenzene

Concen: 20.012 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

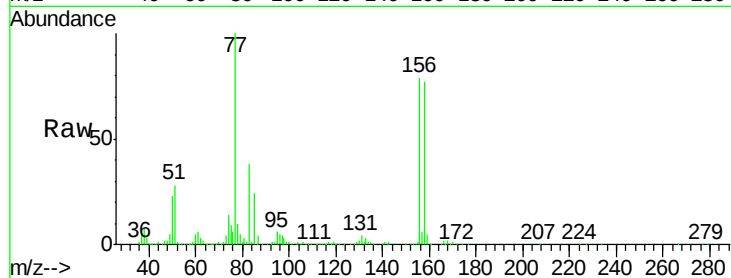
Tgt Ion:156 Resp: 116233

Ion Ratio Lower Upper

156 100

77 135.7 0.0 271.4

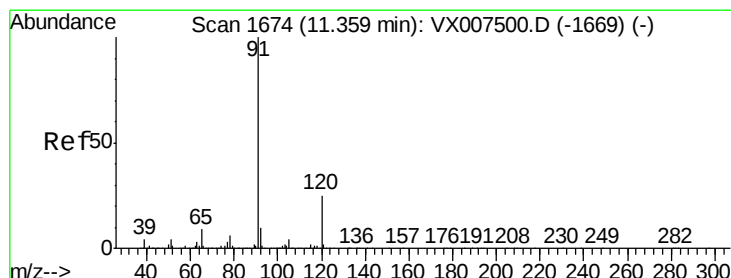
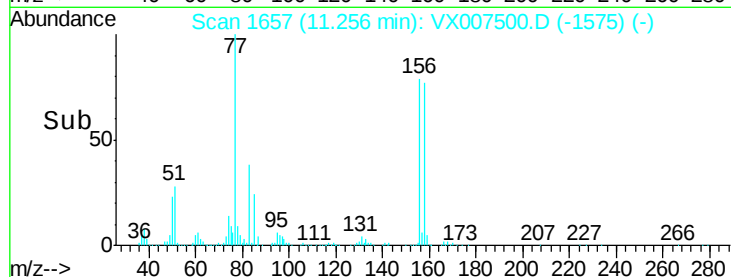
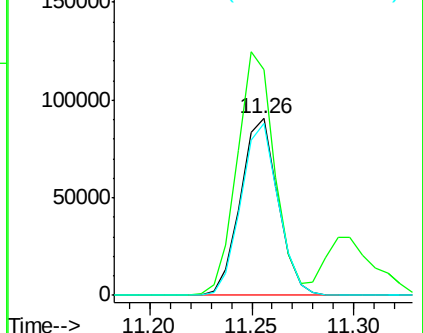
158 97.0 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.877 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007500.D

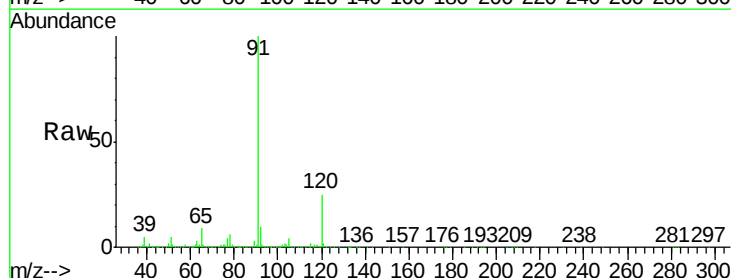
Acq: 12 Feb 2019 23:02

Tgt Ion: 91 Resp: 468101

Ion Ratio Lower Upper

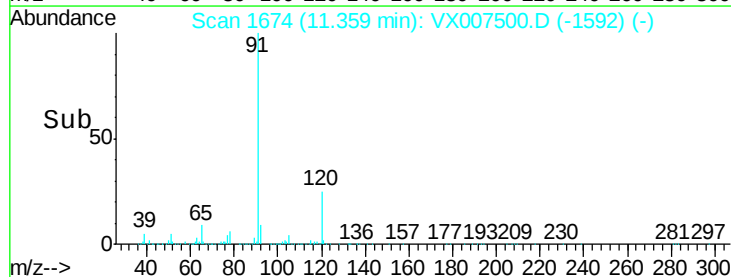
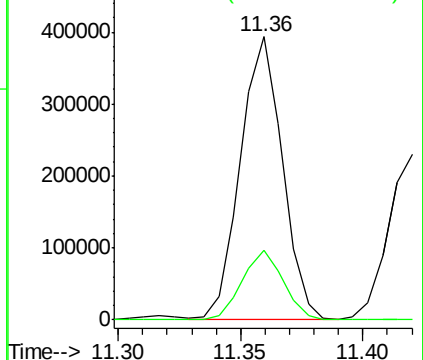
91 100

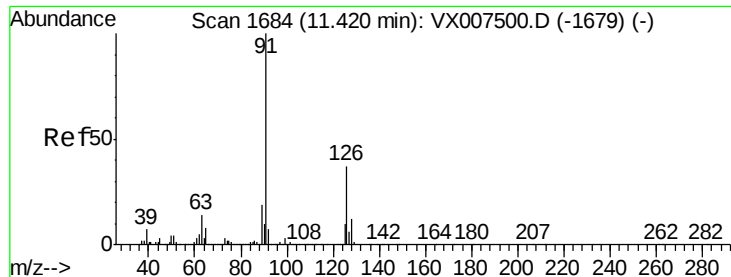
120 24.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.116 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

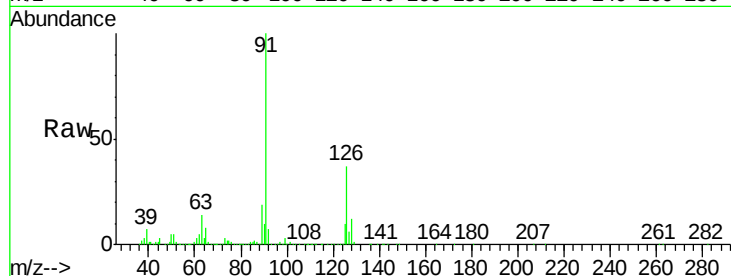
VSTDICCC020

Tgt Ion: 91 Resp: 281347

Ion Ratio Lower Upper

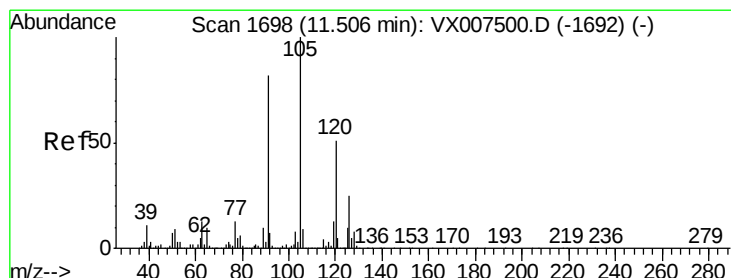
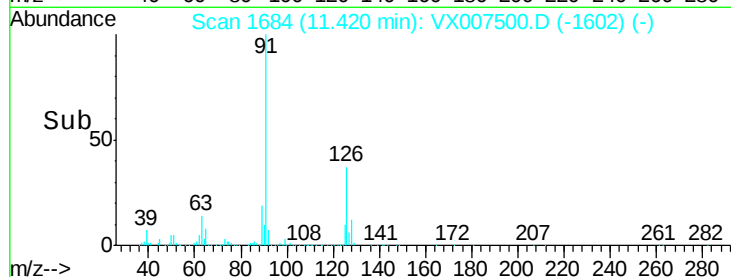
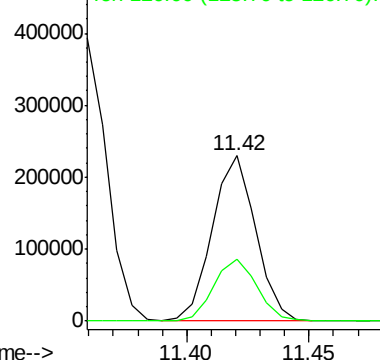
91 100

126 37.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.766 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007500.D

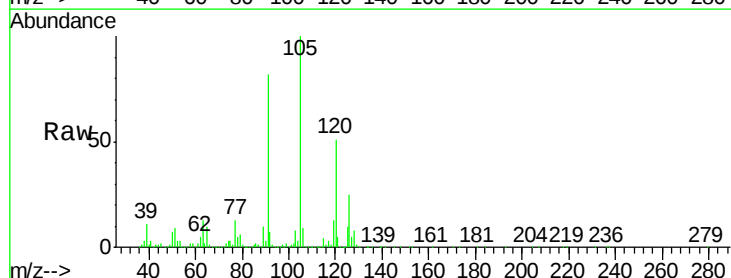
Acq: 12 Feb 2019 23:02

Tgt Ion: 105 Resp: 344815

Ion Ratio Lower Upper

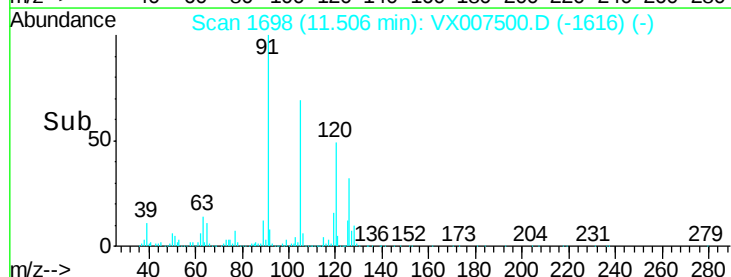
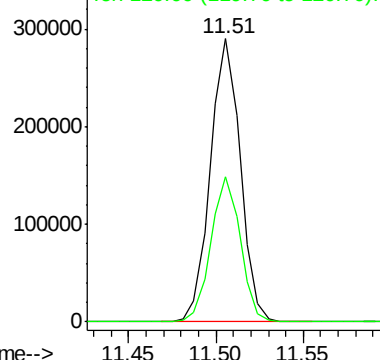
105 100

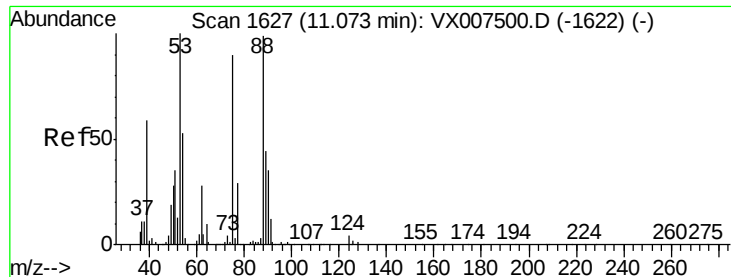
120 50.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.402 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

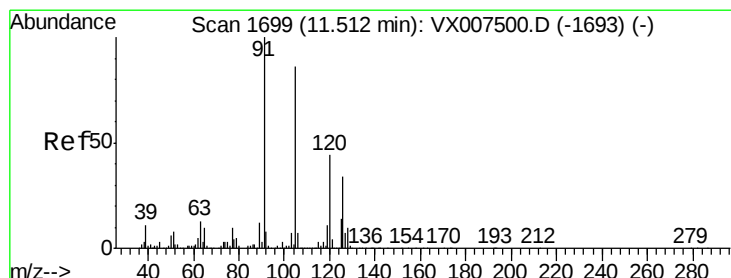
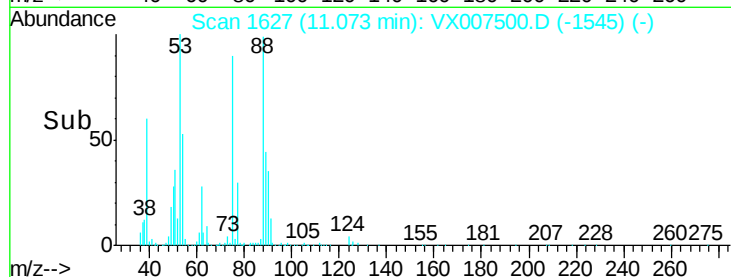
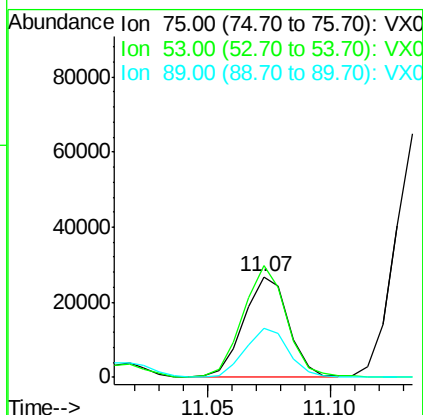
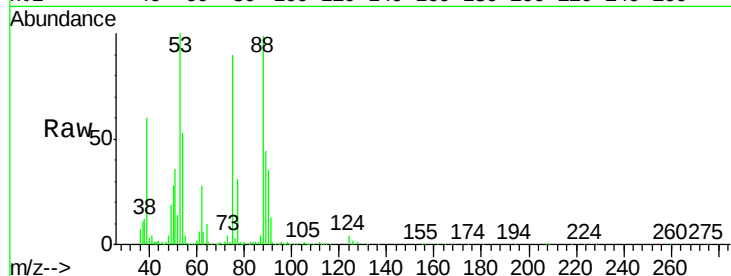
Tgt Ion: 75 Resp: 34131

Ion Ratio Lower Upper

75 100

53 111.1 55.5 166.7

89 48.8 24.4 73.2



#78

4-Chlorotoluene

Concen: 19.462 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007500.D

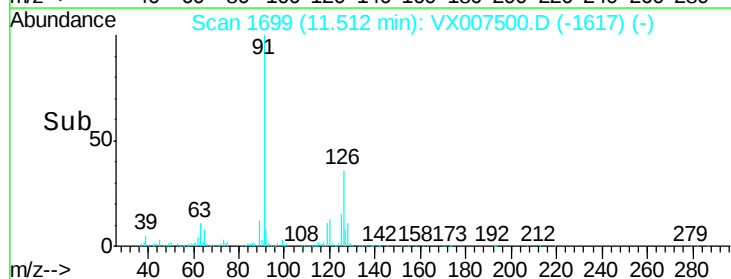
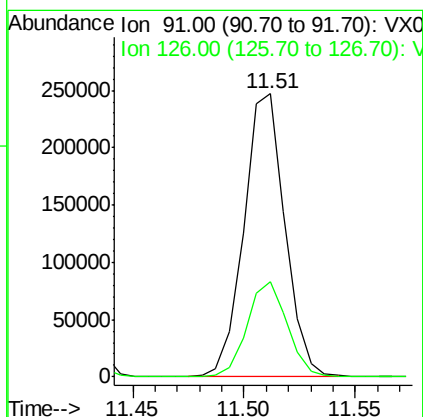
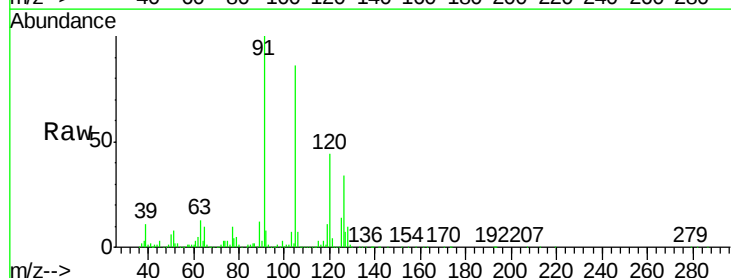
Acq: 12 Feb 2019 23:02

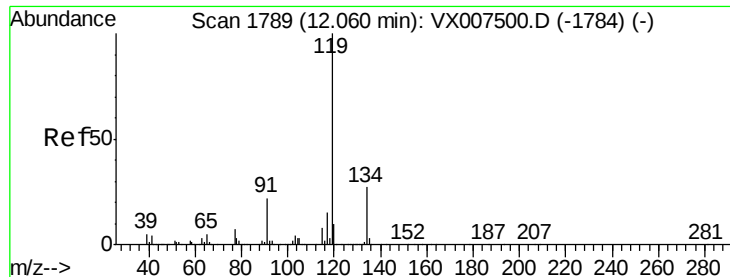
Tgt Ion: 91 Resp: 315073

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.2

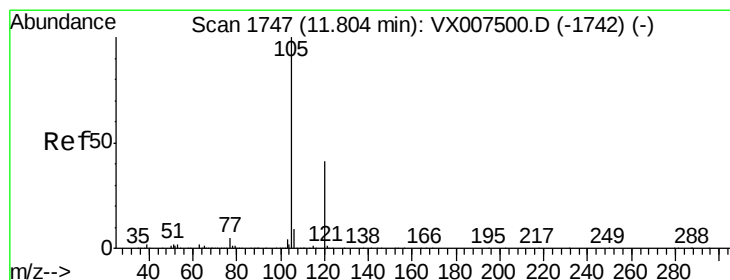
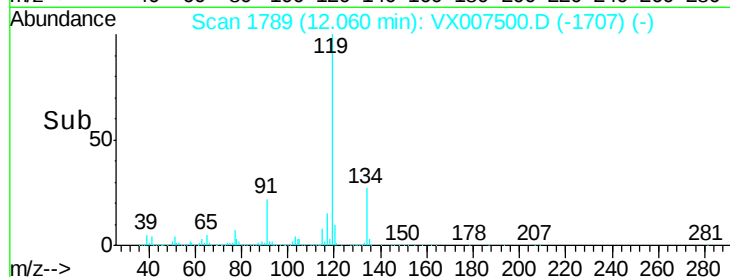
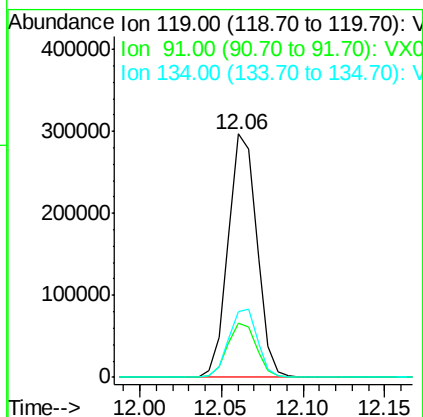
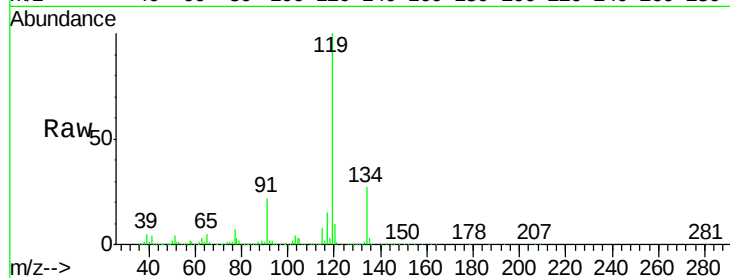




#79
tert-butylbenzene
Concen: 19.342 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

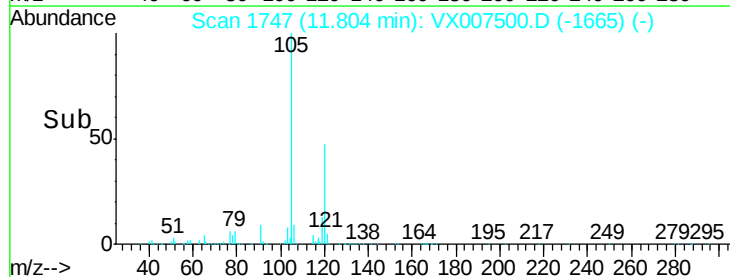
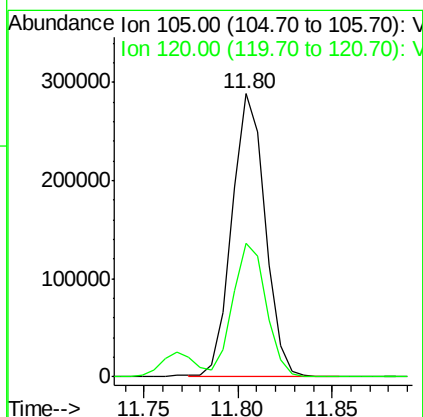
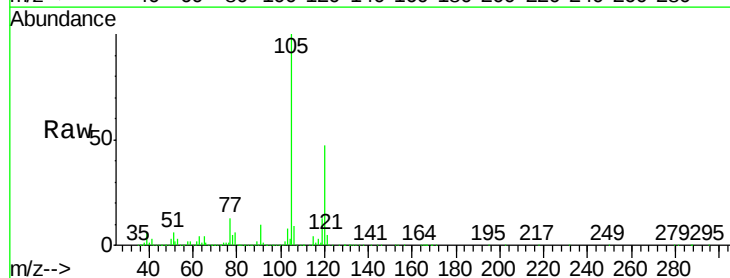
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

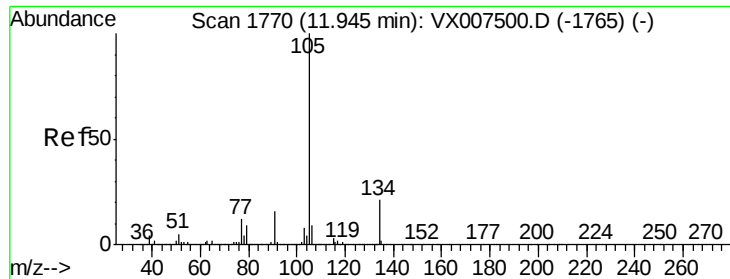
Tgt Ion	Ratio	Lower	Upper
119	100		
91	22.5	0.0	45.0
134	27.7	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.965 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	94.0

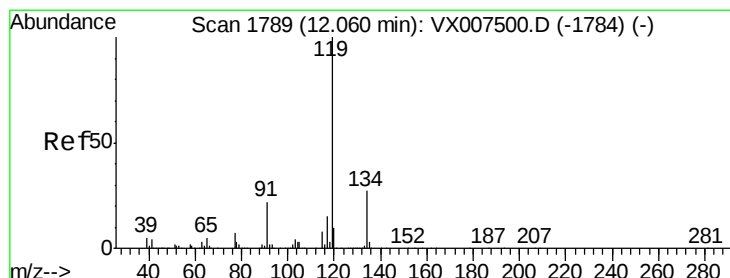
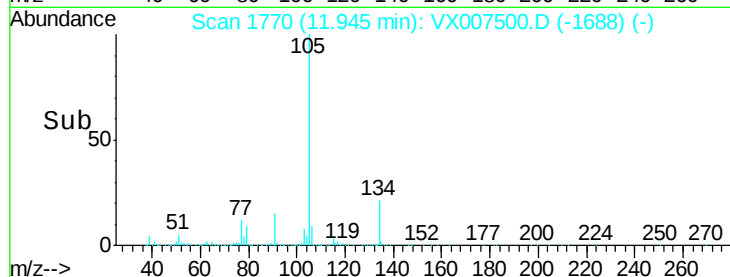
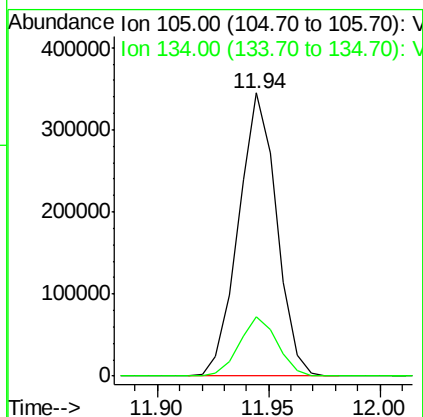
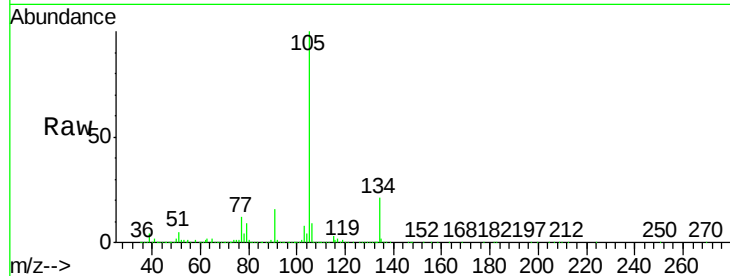




#81
 sec-Butylbenzene
 Concen: 19.616 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

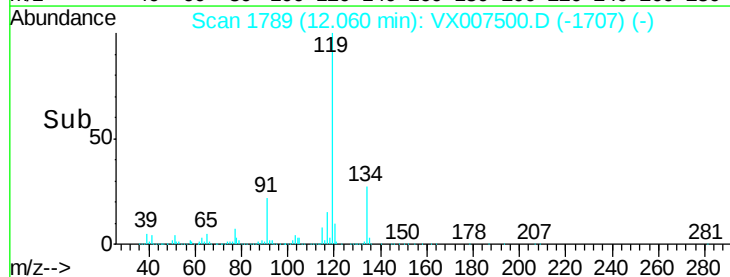
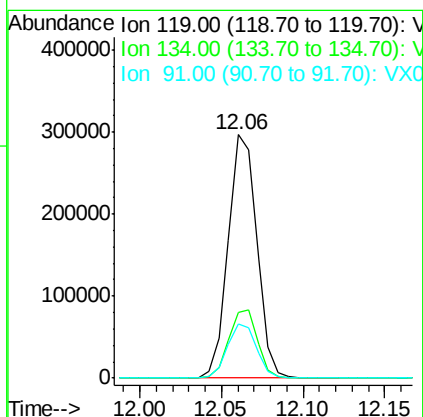
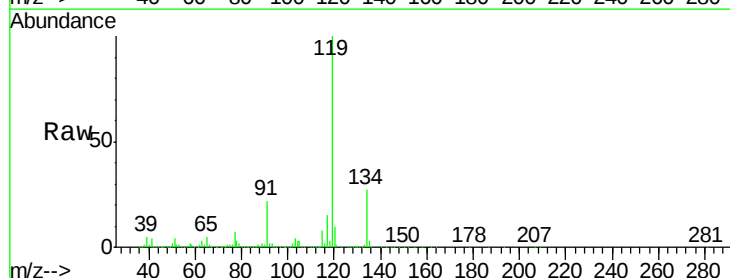
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

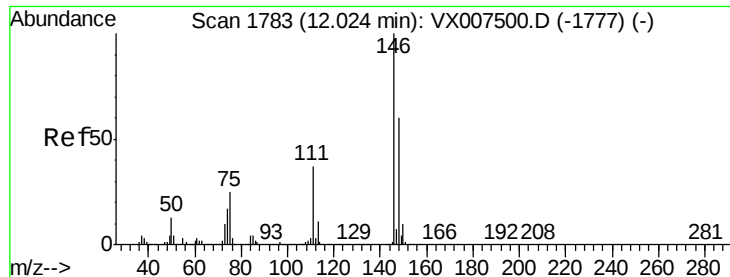
Tgt Ion:105 Resp: 411507
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.342 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion:119 Resp: 364375
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 55.4
 91 22.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.809 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

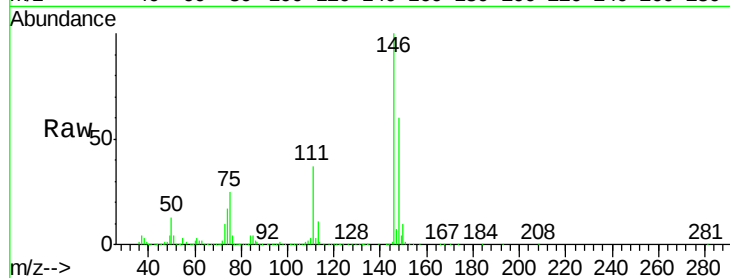
Tgt Ion:146 Resp: 203903

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

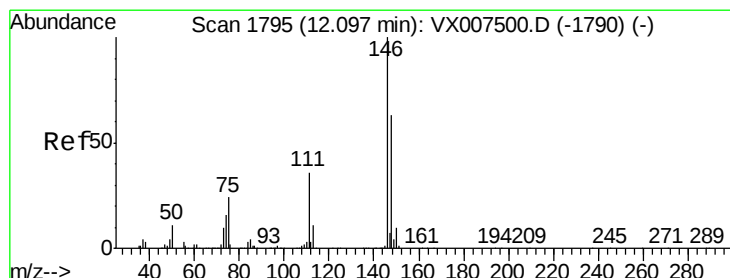
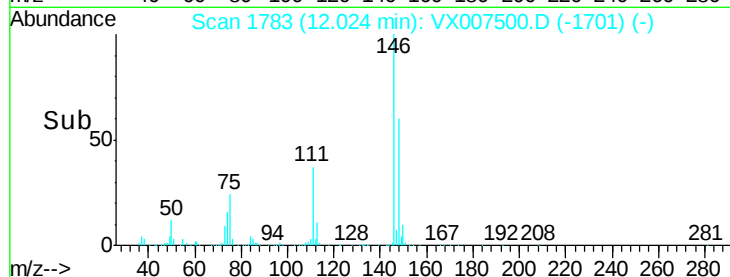
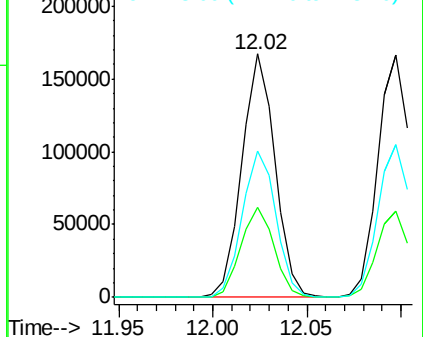
148 61.2 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.861 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

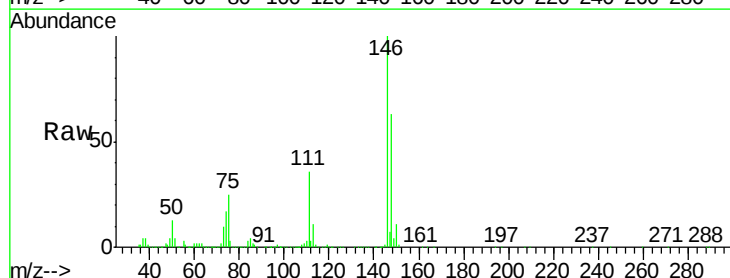
Tgt Ion:146 Resp: 204264

Ion Ratio Lower Upper

146 100

111 35.2 17.6 52.8

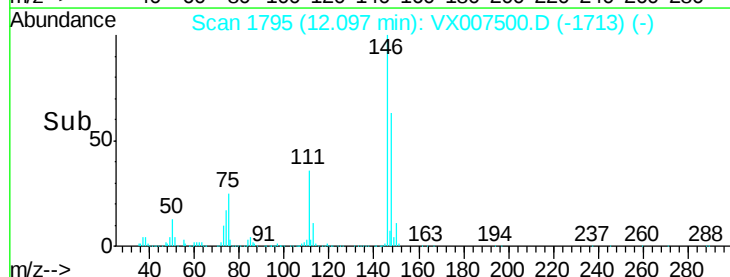
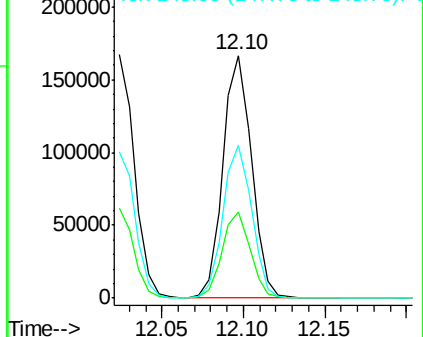
148 62.8 31.4 94.2

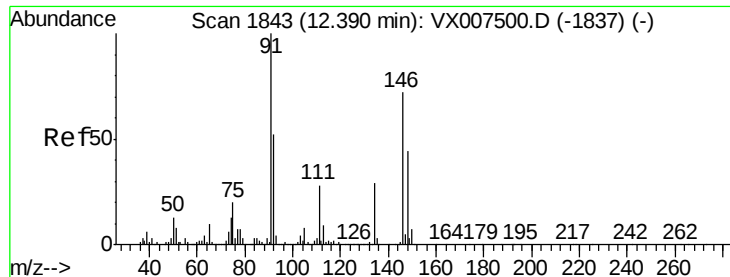


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

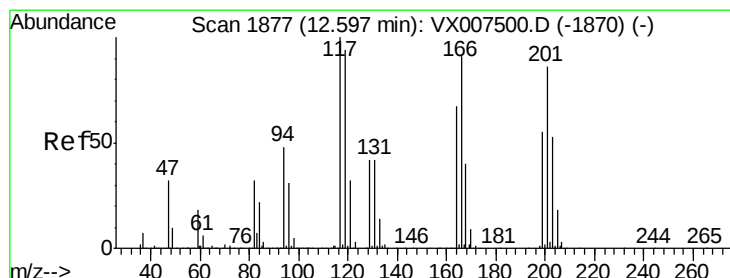
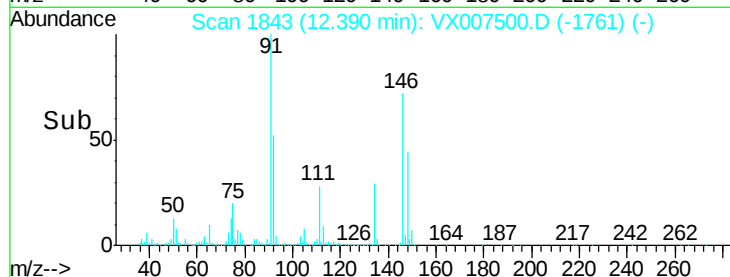
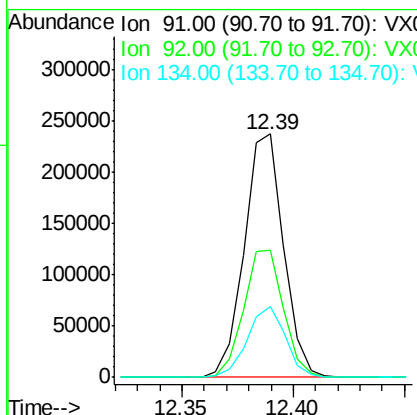
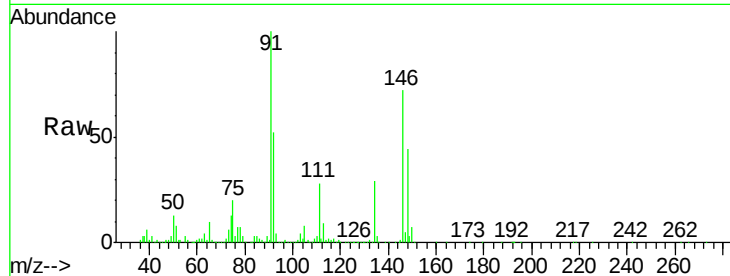




#85
n-Butylbenzene
Concen: 18.159 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

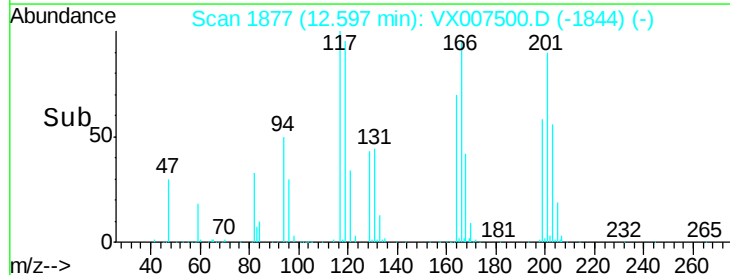
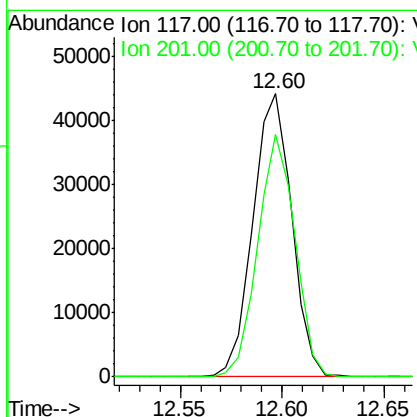
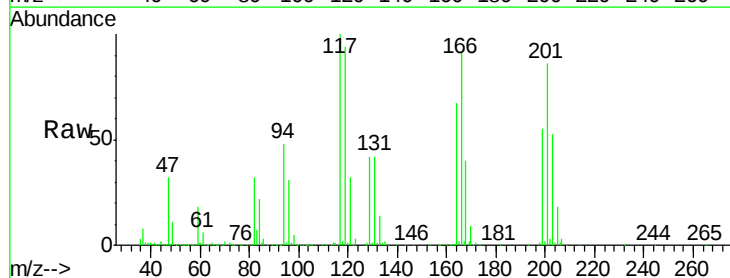
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

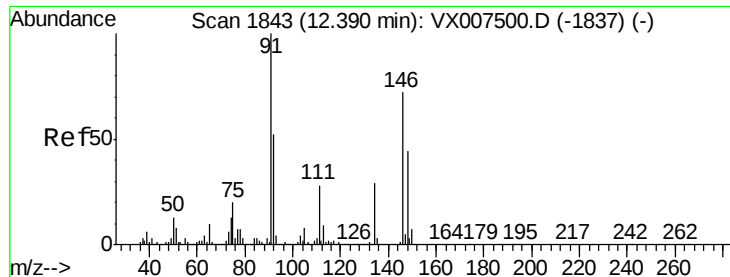
Tgt Ion: 91 Resp: 292162
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.2
134 28.2 0.0 56.4



#86
Hexachloroethane
Concen: 19.691 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007500.D
Acq: 12 Feb 2019 23:02

Tgt Ion: 117 Resp: 58561
Ion Ratio Lower Upper
117 100
201 82.2 41.1 123.3

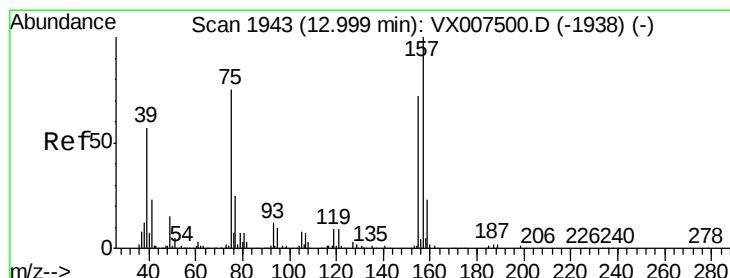
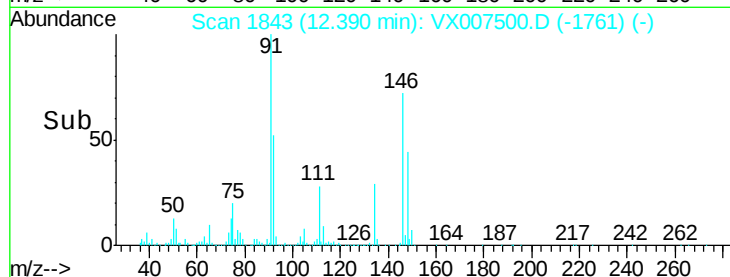
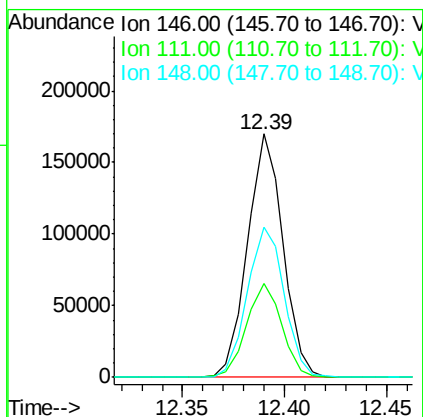
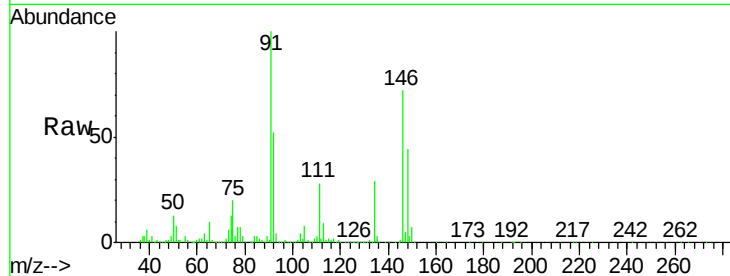




#87
 1,2-Dichlorobenzene
 Concen: 20.007 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

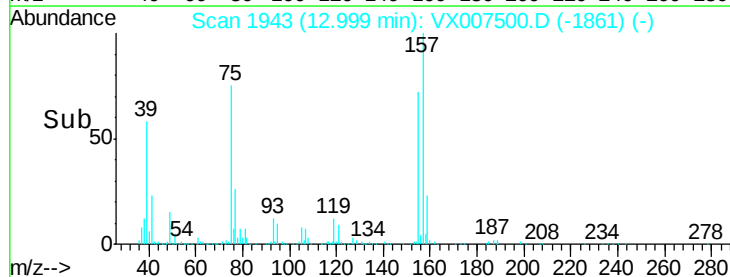
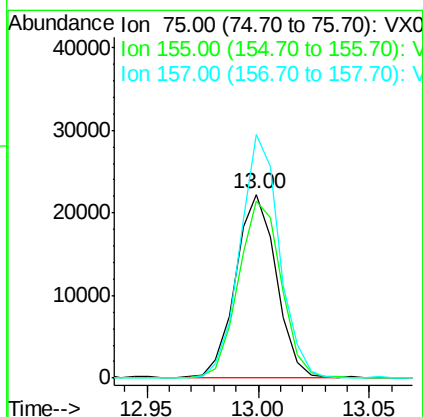
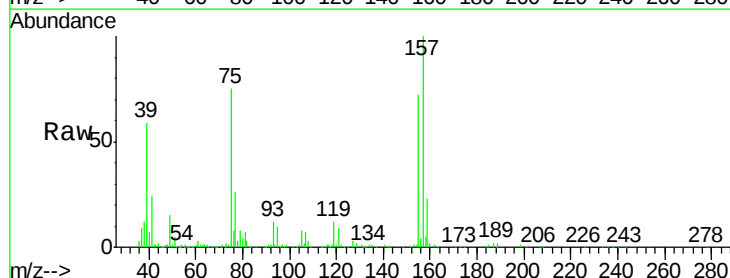
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

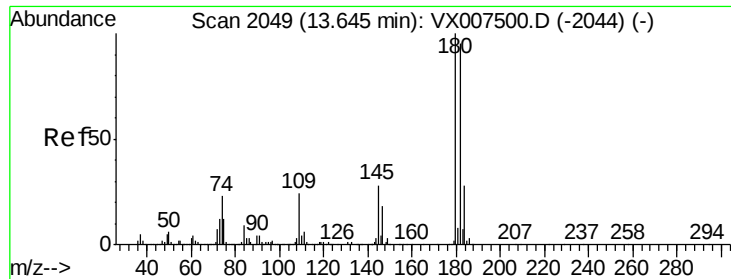
Tgt Ion:146 Resp: 205710
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 64.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.257 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion: 75 Resp: 28133
 Ion Ratio Lower Upper
 75 100
 155 101.3 81.0 121.6
 157 129.0 103.2 154.8

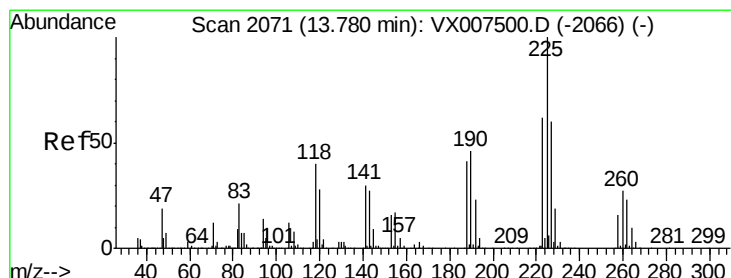
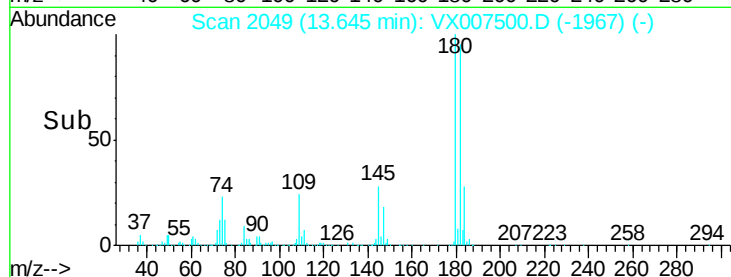
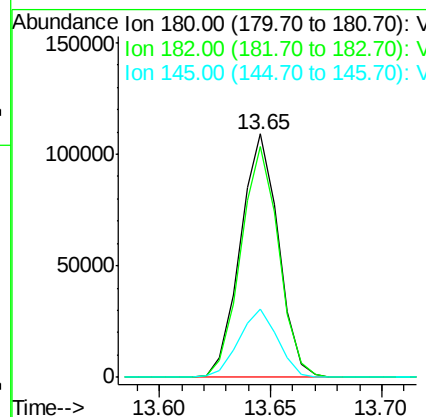
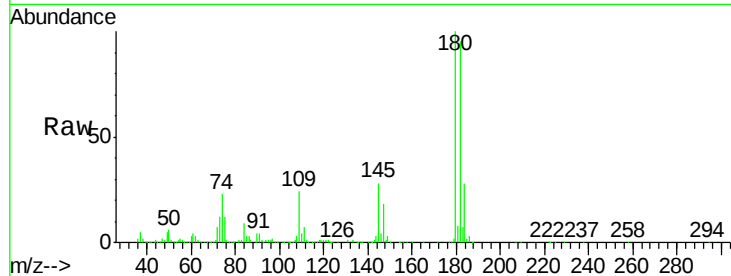




#89
 1,2,4-Trichlorobenzene
 Concen: 18.585 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

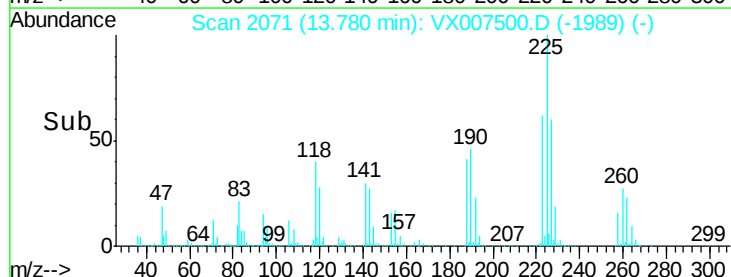
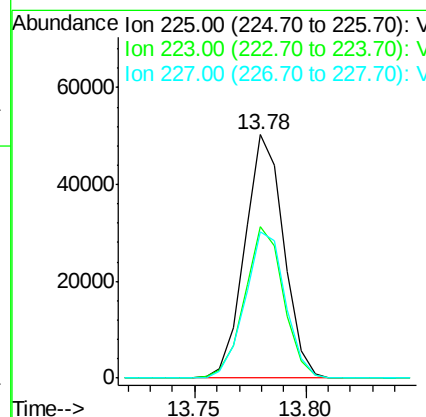
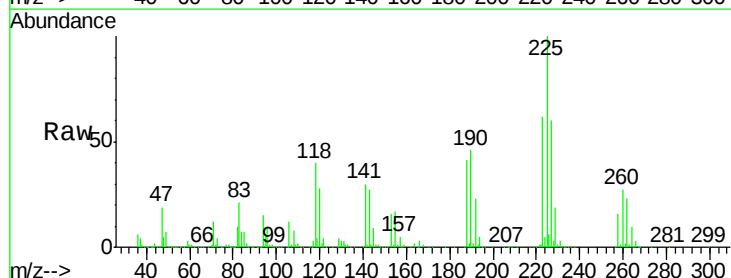
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

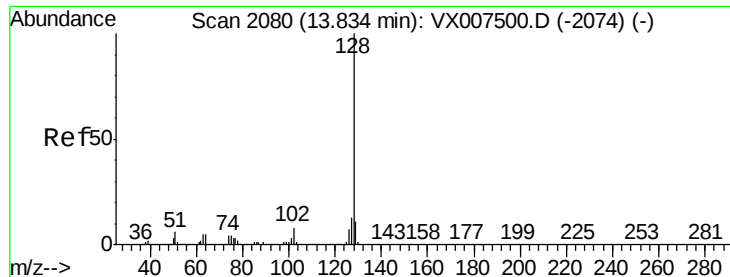
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	28.8	23.0	34.6



#90
 Hexachlorobutadiene
 Concen: 18.434 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007500.D
 Acq: 12 Feb 2019 23:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	123.8
227	62.2	0.0	124.4





#91

Naphthalene

Concen: 19.722 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

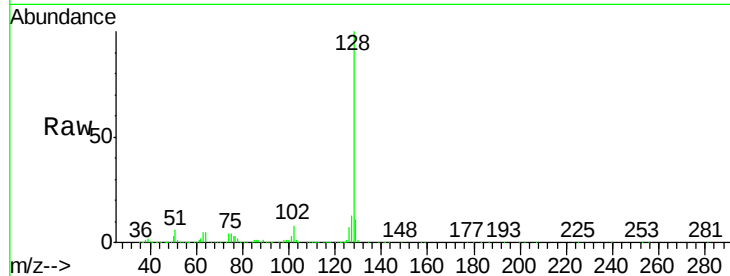
Tgt Ion:128 Resp: 421328

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

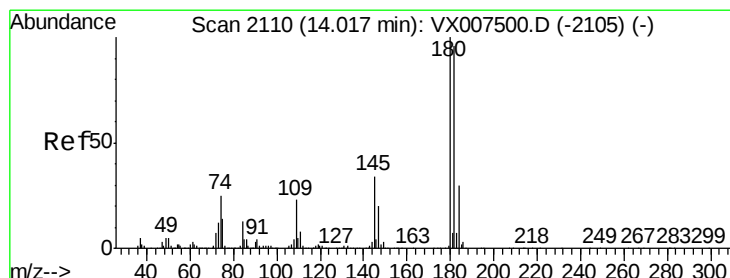
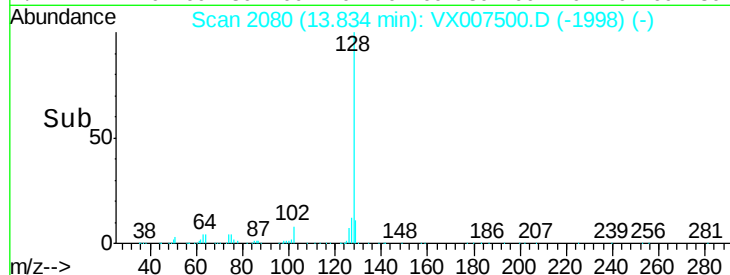
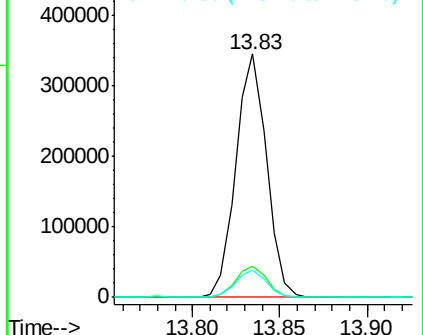
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.088 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007500.D

Acq: 12 Feb 2019 23:02

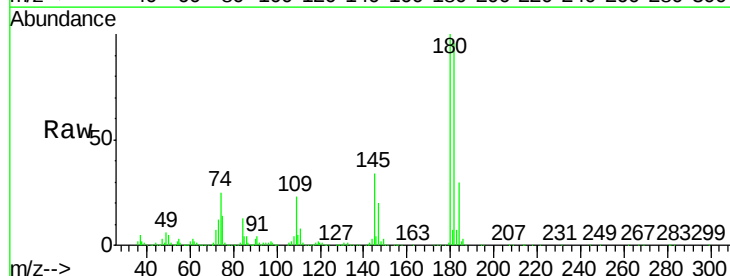
Tgt Ion:180 Resp: 132415

Ion Ratio Lower Upper

180 100

182 96.5 0.0 193.0

145 31.5 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

