

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX012220\
 Data File : VX014682.D
 Acq On : 22 Jan 2020 11:04
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 22 11:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	606913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99198	19.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.18%	
35) Dibromofluoromethane	5.48	113	81267	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	
50) Toluene-d8	8.71	98	315967	20.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.00%	
62) 4-Bromofluorobenzene	11.13	95	108091	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	121309	23.98	ug/l	99
3) Chloromethane	1.32	50	125487	21.71	ug/l	100
4) Vinyl Chloride	1.40	62	139602	21.74	ug/l	99
5) Bromomethane	1.64	94	78565	18.21	ug/l	98
6) Chloroethane	1.72	64	78383	20.52	ug/l	99
7) Trichlorofluoromethane	1.92	101	151747	20.86	ug/l	99
8) Diethyl Ether	2.18	74	65597	19.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90057	20.38	ug/l	98
10) Methyl Iodide	2.50	142	114465	21.29	ug/l	99
11) Tert butyl alcohol	3.03	59	118753	114.68	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86694	19.53	ug/l	96
13) Acrolein	2.28	56	91717	108.13	ug/l	98
14) Allyl chloride	2.72	41	158259	20.15	ug/l	99
15) Acrylonitrile	3.13	53	275828	108.16	ug/l	99
16) Acetone	2.43	43	295691	107.43	ug/l	100
17) Carbon Disulfide	2.56	76	235705	18.97	ug/l	100
18) Methyl Acetate	2.76	43	165664	22.72	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	285063	19.96	ug/l	98
20) Methylene Chloride	2.85	84	99477	19.61	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93195	19.18	ug/l	97
22) Diisopropyl ether	3.84	45	319307	20.95	ug/l	99
23) Vinyl Acetate	3.80	43	1219940	104.04	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174248	21.11	ug/l	99
25) 2-Butanone	4.65	43	414600	109.58	ug/l	98
26) 2,2-Dichloropropane	4.58	77	134414	19.38	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	105882	19.50	ug/l	99
28) Bromochloromethane	5.01	49	68798	19.72	ug/l	98
29) Tetrahydrofuran	5.11	42	247829	110.95	ug/l	98
30) Chloroform	5.20	83	167035	20.68	ug/l	98
31) Cyclohexane	5.57	56	161136	20.86	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138820	20.20	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126639	20.04	ug/l	100
37) Ethyl Acetate	4.82	43	147507	21.49	ug/l	97
38) Carbon Tetrachloride	5.78	117	119335	20.58	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157580	19.93	ug/l	96
40) Benzene	6.14	78	391513	20.83	ug/l	100
41) Methacrylonitrile	5.03	41	82754	22.45	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135358	20.58	ug/l	99
43) Isopropyl Acetate	6.43	43	233444	21.04	ug/l	100
44) Trichloroethene	7.21	130	105402	19.61	ug/l	95
45) 1,2-Dichloropropane	7.51	63	102084	21.29	ug/l	99
46) Dibromomethane	7.65	93	63786	19.13	ug/l	98
47) Bromodichloromethane	7.89	83	124173	20.40	ug/l	99
48) Methyl methacrylate	7.76	41	113418	21.27	ug/l	98
49) 1,4-Dioxane	7.73	88	49706	447.04	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	768837	113.35	ug/l	99
52) Toluene	8.78	92	242026	20.20	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	133989	19.05	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	150325	19.75	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	97770	20.26	ug/l	98
56) Ethyl methacrylate	9.17	69	147622	20.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169072	20.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	242856	96.88	ug/l	100
59) 2-Hexanone	9.48	43	599490	111.84	ug/l	99
60) Dibromochloromethane	9.57	129	98803	20.40	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103327	20.24	ug/l	98
64) Tetrachloroethene	9.33	164	118631	19.38	ug/l	97
65) Chlorobenzene	10.14	112	258003	19.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95096	20.13	ug/l	98
67) Ethyl Benzene	10.25	91	450379	19.92	ug/l	99
68) m/p-Xylenes	10.35	106	347401	39.86	ug/l	99
69) o-Xylene	10.70	106	163819	19.71	ug/l	100
70) Styrene	10.71	104	278789	19.44	ug/l	99
71) Bromoform	10.85	173	73877	19.22	ug/l	100
73) Isopropylbenzene	11.01	105	437704	20.73	ug/l	100
74) N-amyl acetate	10.89	43	189878	20.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	147441	21.65	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171622	26.78	ug/l	89
77) Bromobenzene	11.25	156	115119	19.73	ug/l	99
78) n-propylbenzene	11.35	91	497895	20.57	ug/l	100
79) 2-Chlorotoluene	11.42	91	298011	20.64	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	365932	20.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46495	19.83	ug/l	94
82) 4-Chlorotoluene	11.51	91	335642	19.83	ug/l	99
83) tert-Butylbenzene	11.76	119	342617	20.75	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	368865	20.81	ug/l	98
85) sec-Butylbenzene	11.94	105	416689	20.25	ug/l	100
86) p-Isopropyltoluene	12.06	119	386753	20.29	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196128	18.73	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202964	18.96	ug/l	99
89) n-Butylbenzene	12.38	91	321446	18.52	ug/l	100
90) Hexachloroethane	12.59	117	66496	19.89	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	203960	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32569	21.50	ug/l	96

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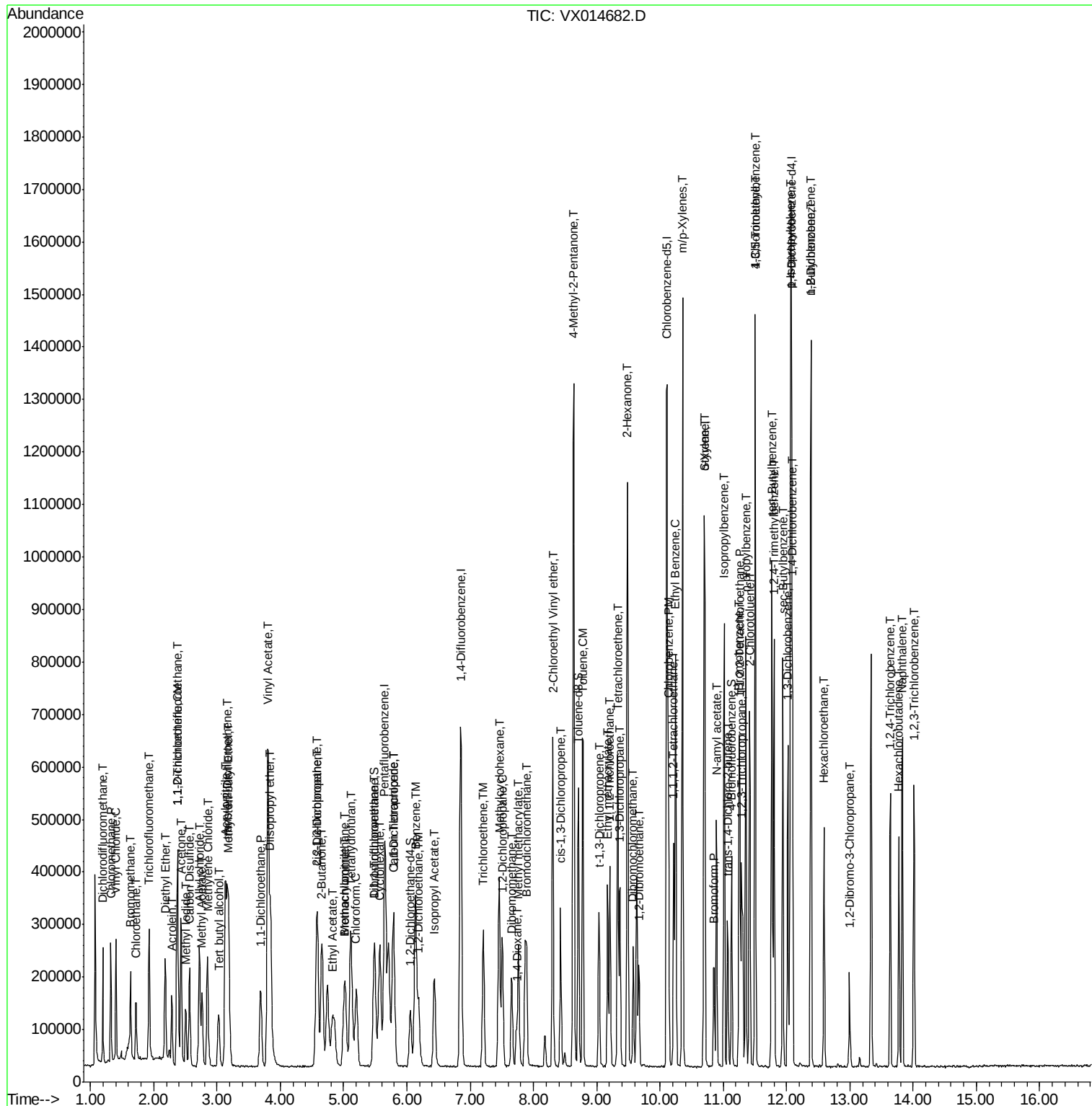
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	126791	16.36	ug/l	99
94) Hexachlorobutadiene	13.77	225	65867	18.07	ug/l	98
95) Naphthalene	13.83	128	390885	17.70	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130904	17.22	ug/l	97

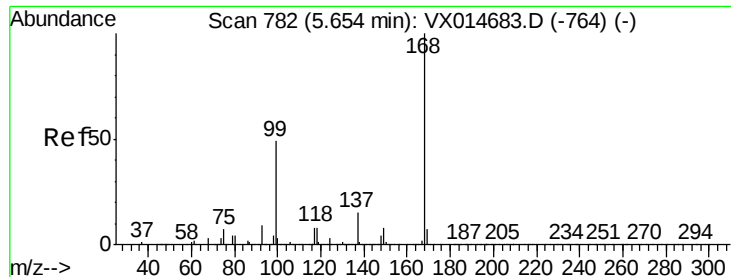
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX012220\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VSTDIC020

Quant Time: Jan 22 11:51:18 2020
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 11:47:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

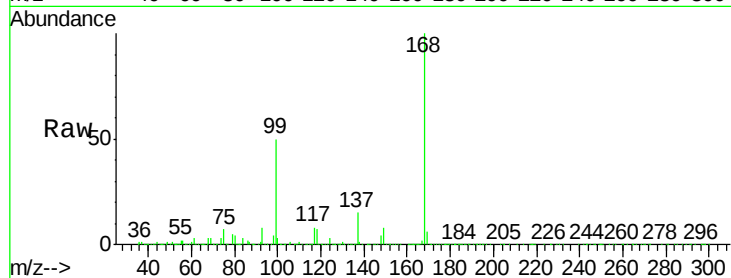
VSTDIC020

Tgt Ion:168 Resp: 447993

Ion Ratio Lower Upper

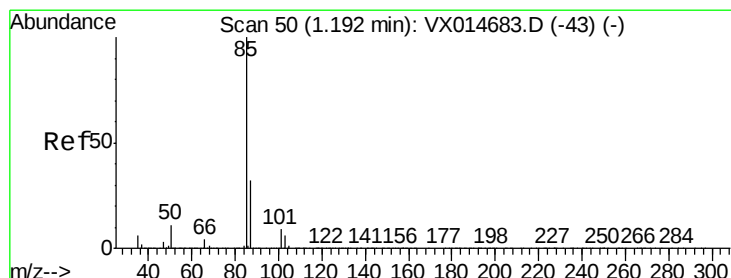
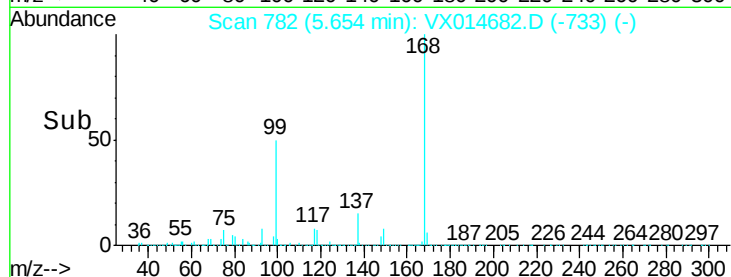
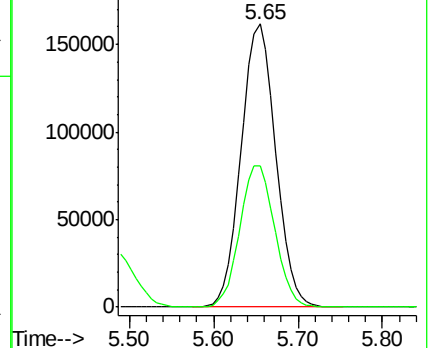
168 100

99 49.9 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.98 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014682.D

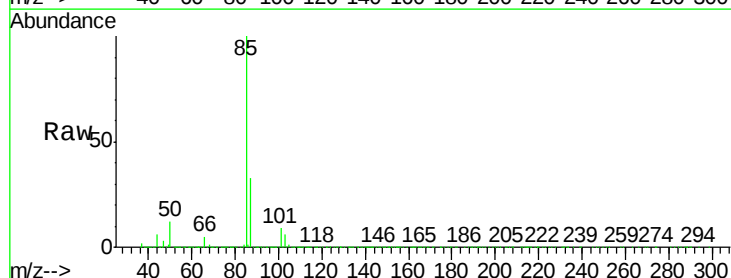
Acq: 22 Jan 2020 11:04

Tgt Ion: 85 Resp: 121309

Ion Ratio Lower Upper

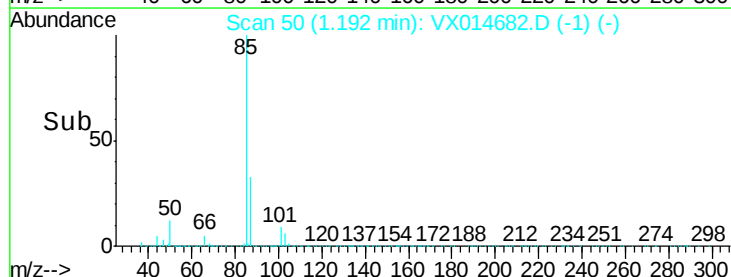
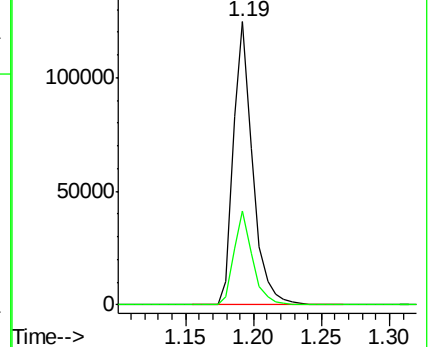
85 100

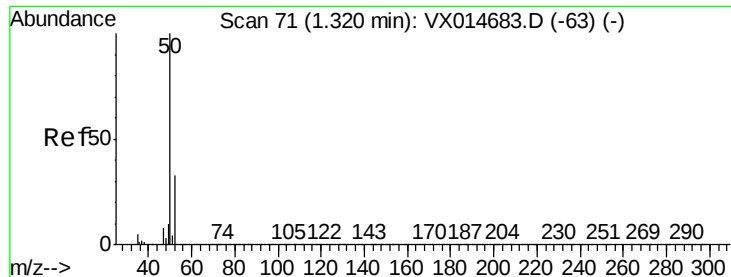
87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

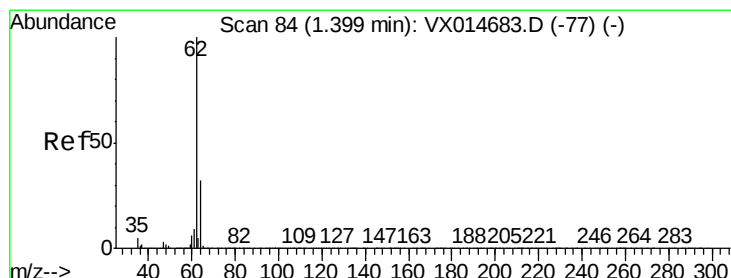
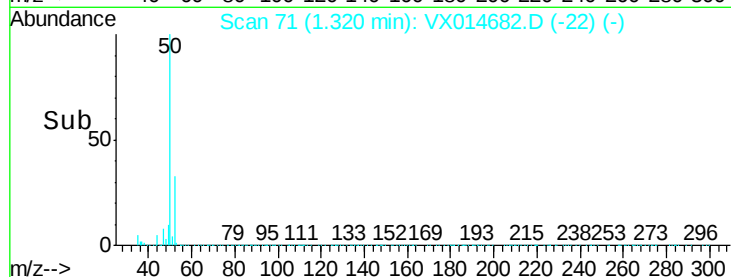
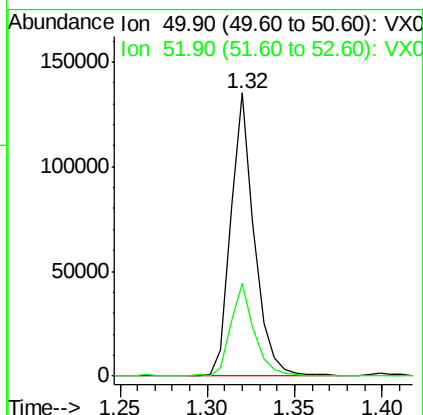
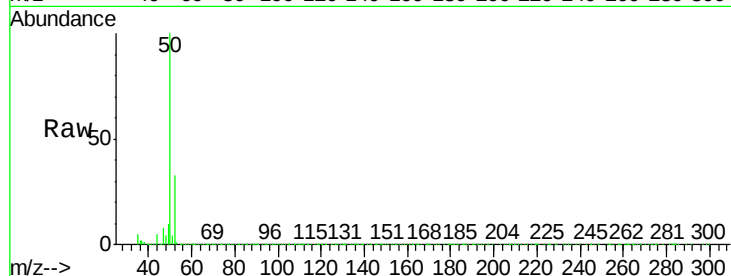




#3
Chloromethane
Concen: 21.71 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

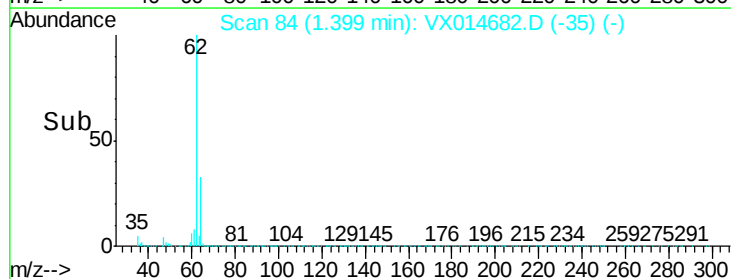
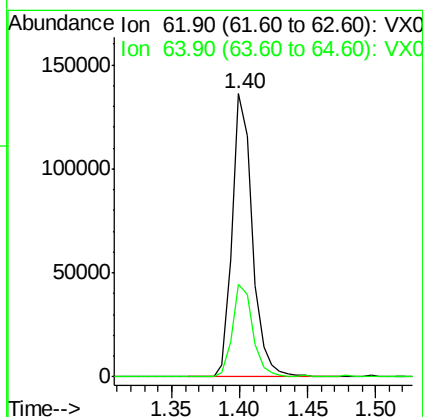
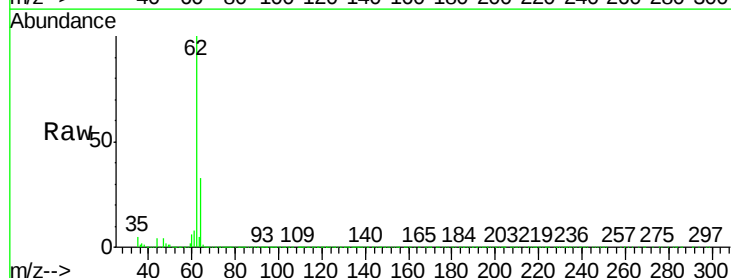
Instrument :
MSVOA_X
ClientSampleId :
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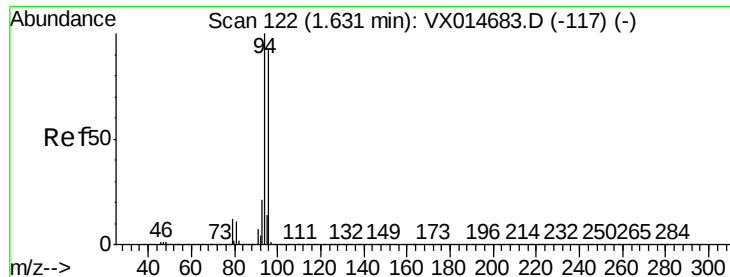
Tgt Ion: 50 Resp: 125487
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 21.74 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 62 Resp: 139602
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 18.21 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

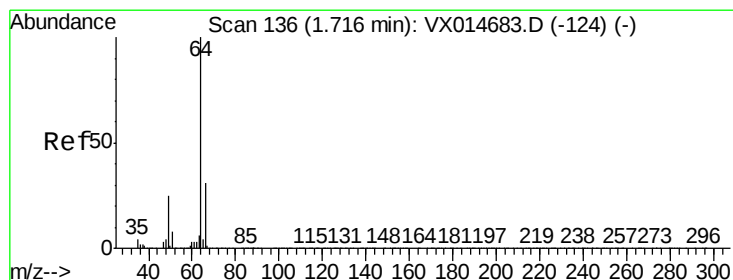
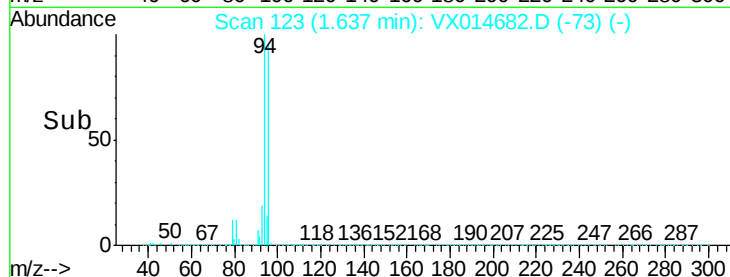
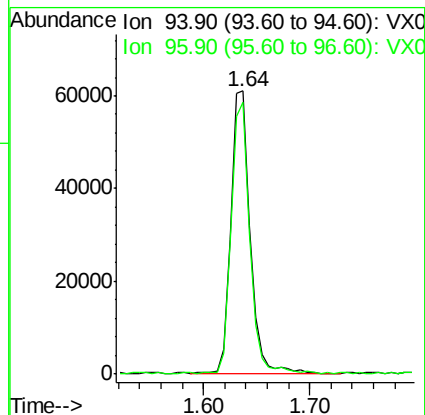
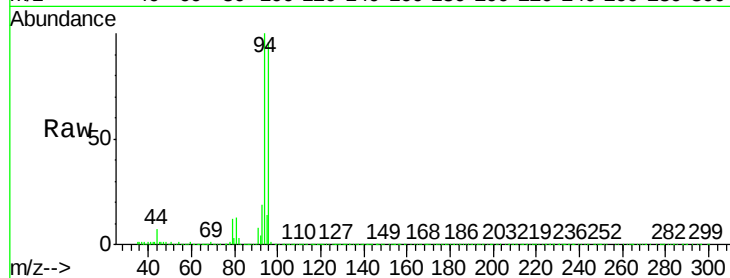
VSTDIC020

Tgt Ion: 94 Resp: 78565

Ion Ratio Lower Upper

94 100

96 95.8 74.7 112.1



#6

Chloroethane

Concen: 20.52 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014682.D

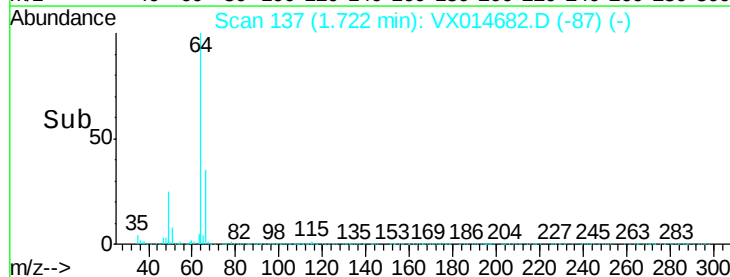
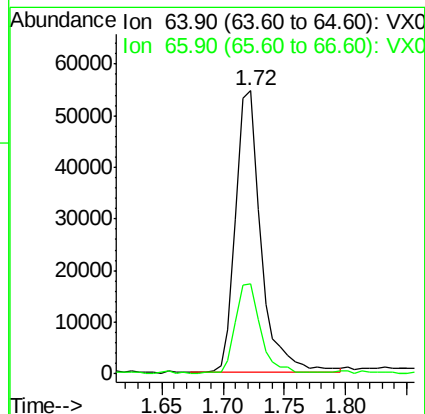
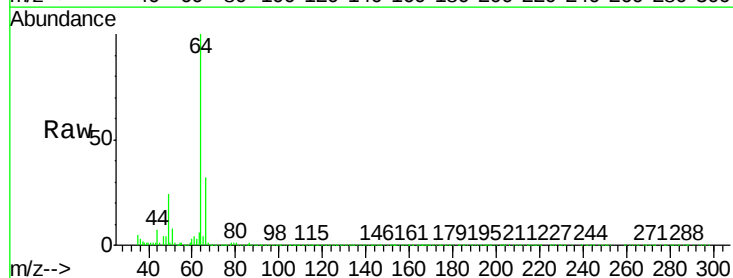
Acq: 22 Jan 2020 11:04

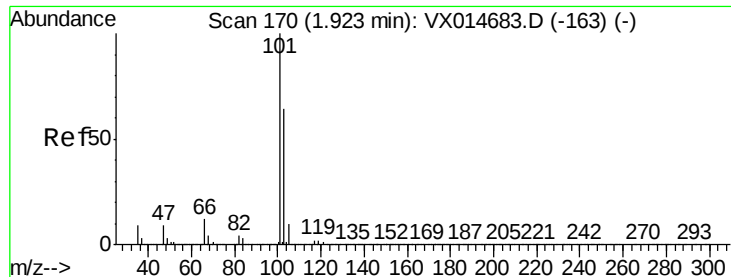
Tgt Ion: 64 Resp: 78383

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8



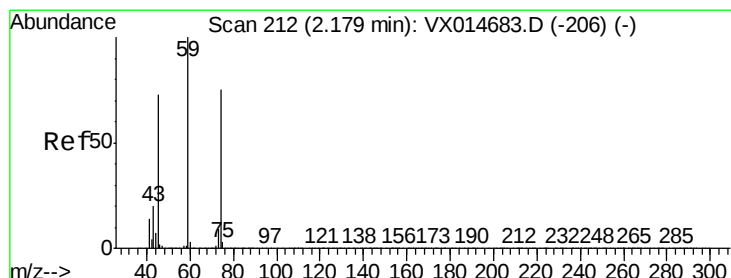
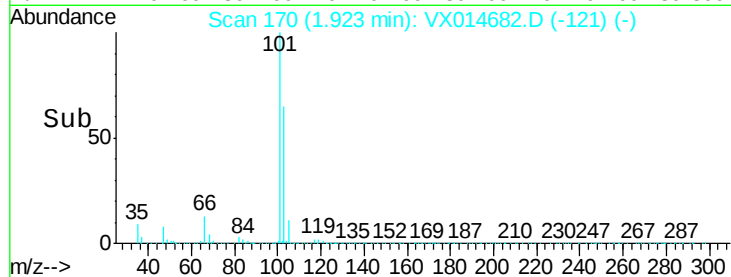
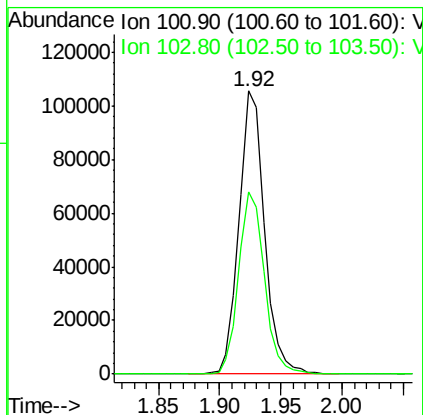
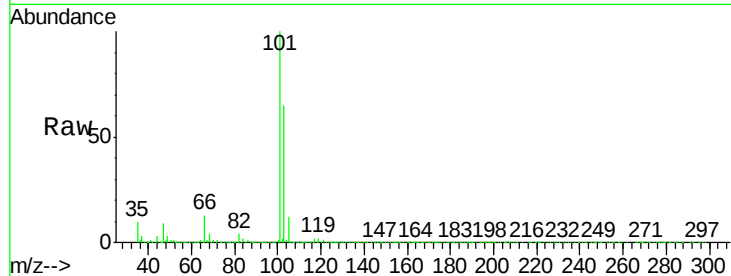


#7

Trichlorofluoromethane
Concen: 20.86 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Instrument :
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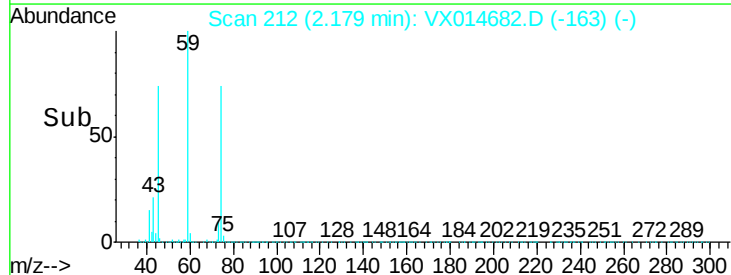
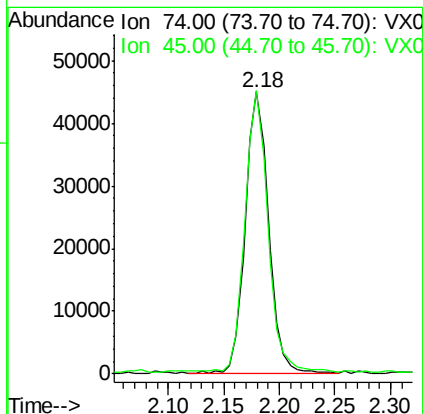
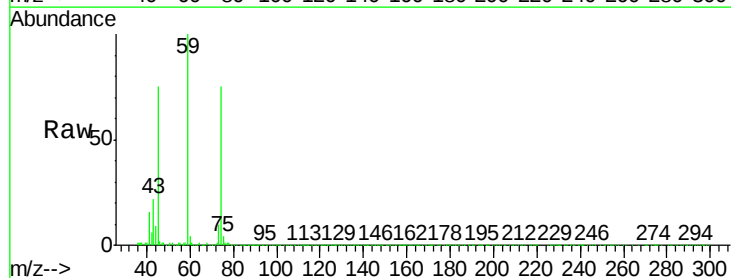
Tgt Ion: 101 Resp: 151747
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

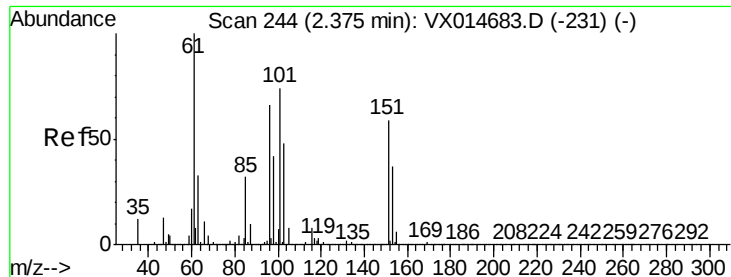


#8

Diethyl Ether
Concen: 19.81 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 74 Resp: 65597
Ion Ratio Lower Upper
74 100
45 97.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.38 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

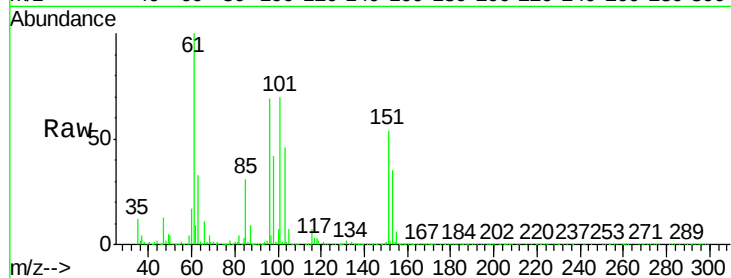
Tgt Ion:101 Resp: 90057

Ion Ratio Lower Upper

101 100

85 43.6 34.7 52.1

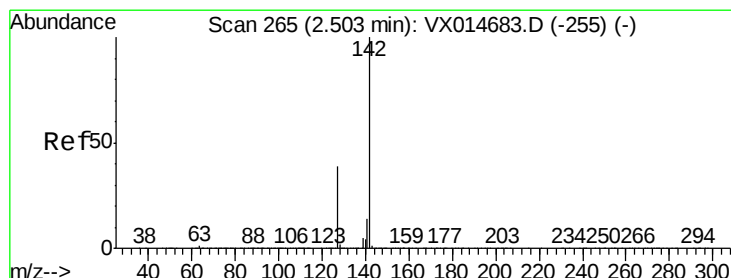
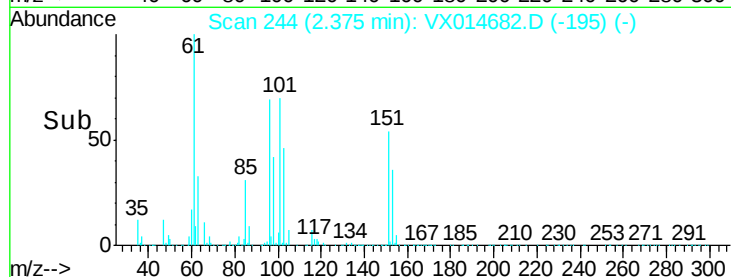
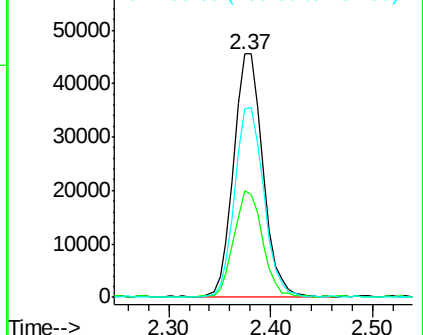
151 78.7 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.29 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

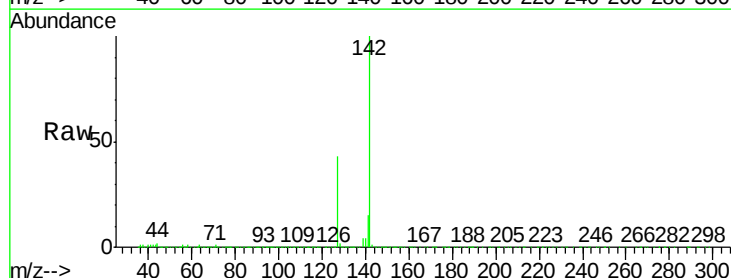
Tgt Ion:142 Resp: 114465

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

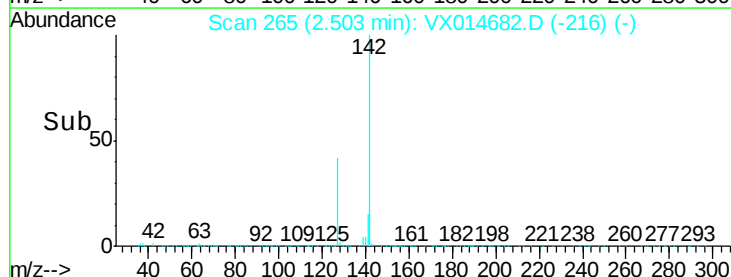
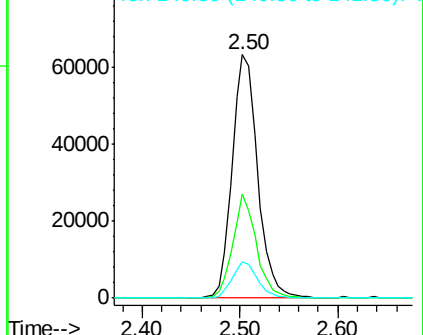
141 14.9 11.3 16.9

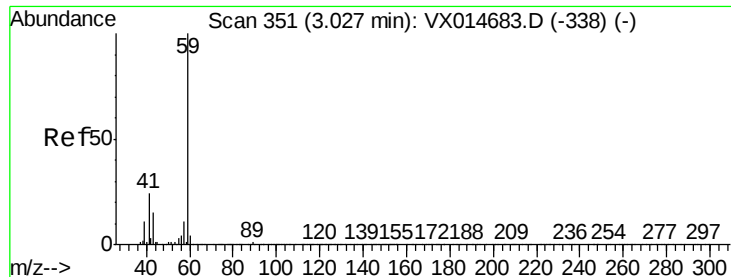


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



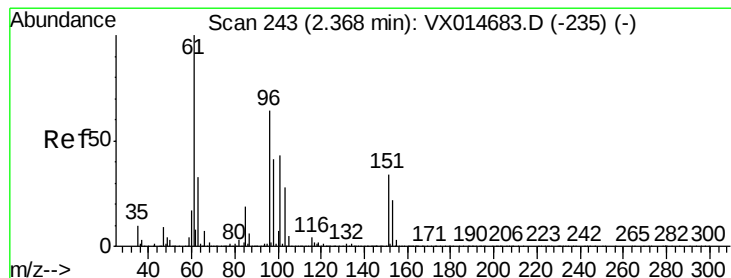
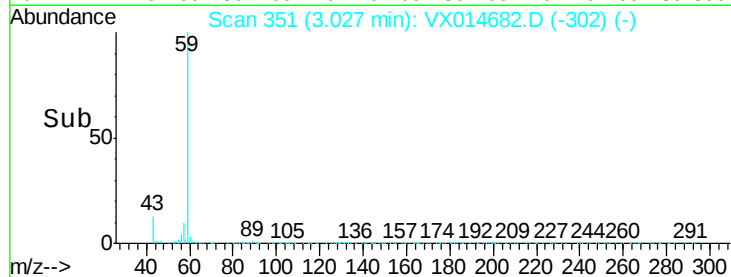
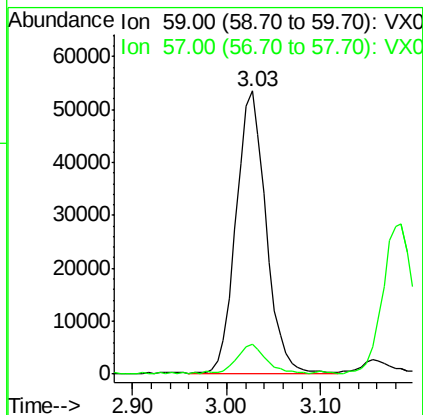
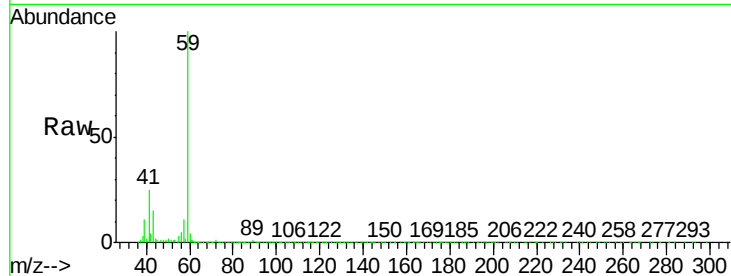


#11

Tert butyl alcohol
 Concen: 114.68 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

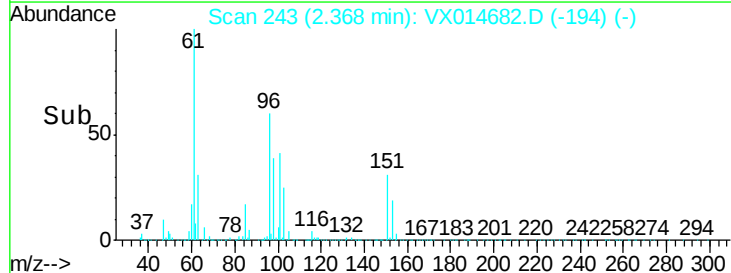
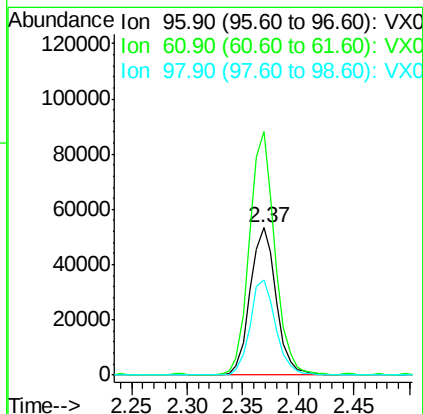
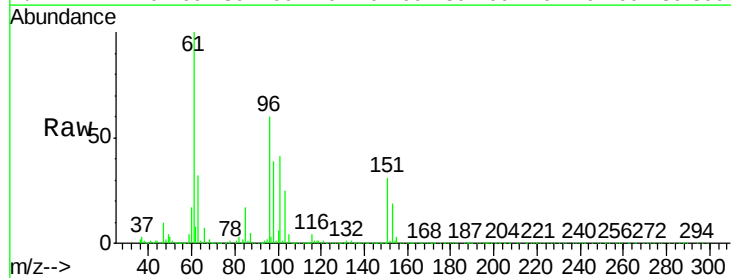
Tgt Ion: 59 Resp: 118753
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

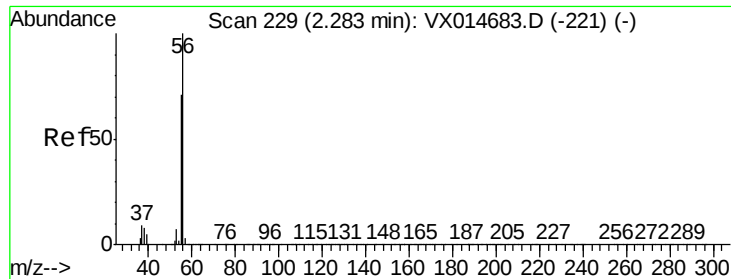


#12

1,1-Dichloroethene
 Concen: 19.53 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion: 96 Resp: 86694
 Ion Ratio Lower Upper
 96 100
 61 165.3 125.8 188.8
 98 64.0 51.5 77.3





#13

Acrolein

Concen: 108.13 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

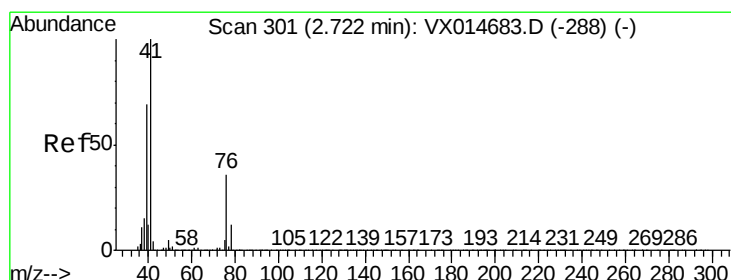
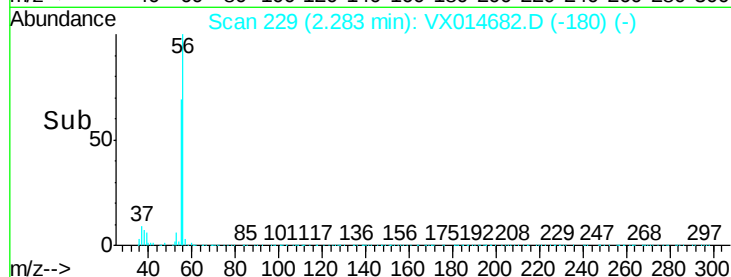
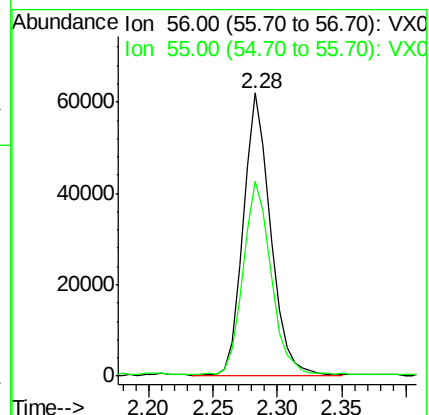
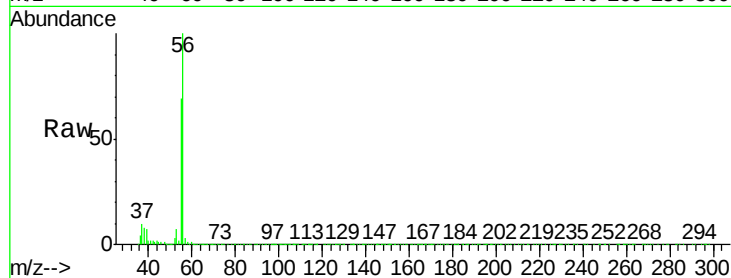
VSTDIC020

Tgt Ion: 56 Resp: 91717

Ion Ratio Lower Upper

56 100

55 69.4 56.6 84.8



#14

Allyl chloride

Concen: 20.15 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

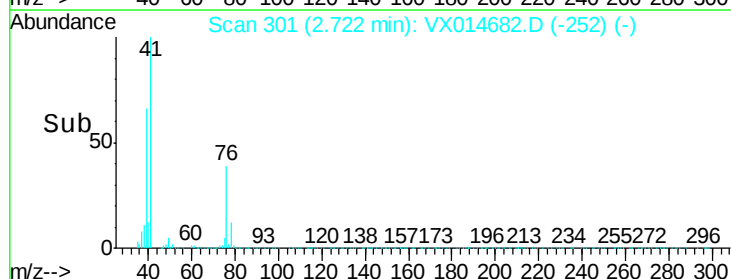
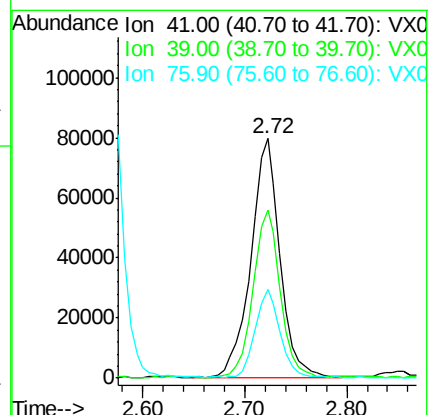
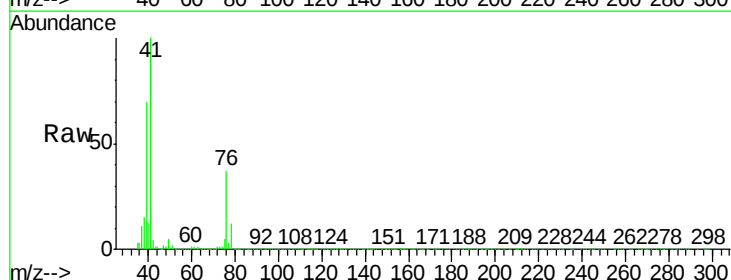
Tgt Ion: 41 Resp: 158259

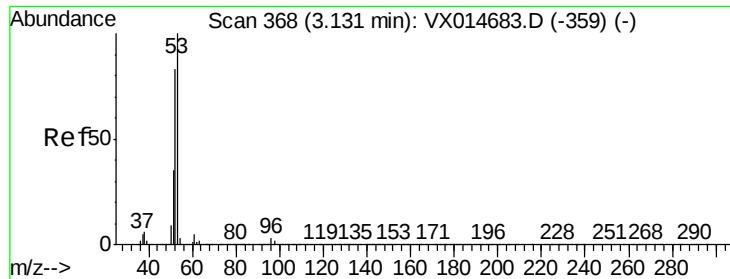
Ion Ratio Lower Upper

41 100

39 65.1 52.0 78.0

76 31.4 26.0 39.0

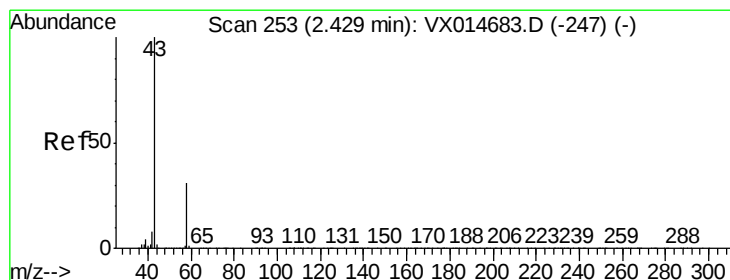
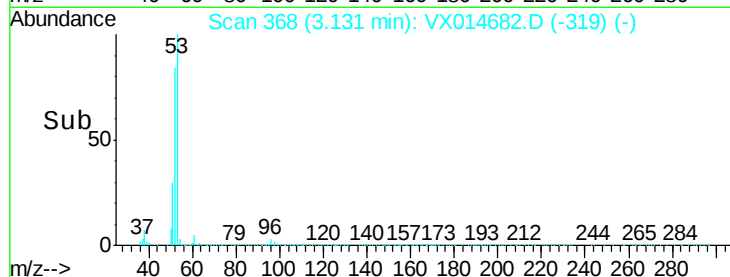
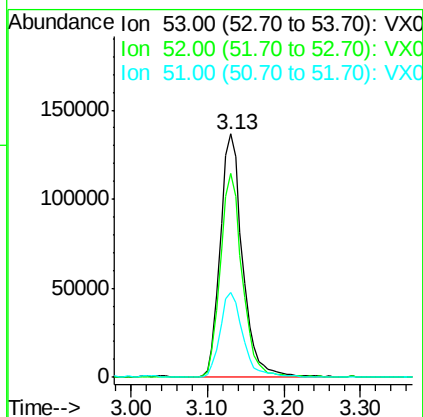
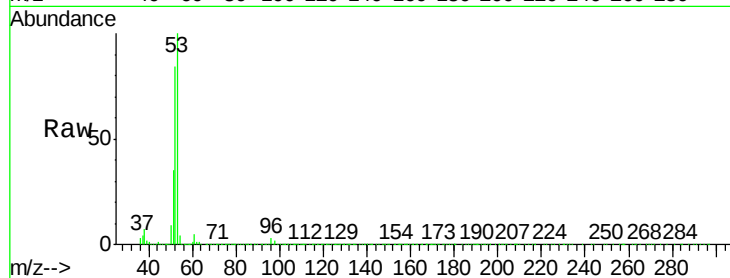




#15
 Acrylonitrile
 Concen: 108.16 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

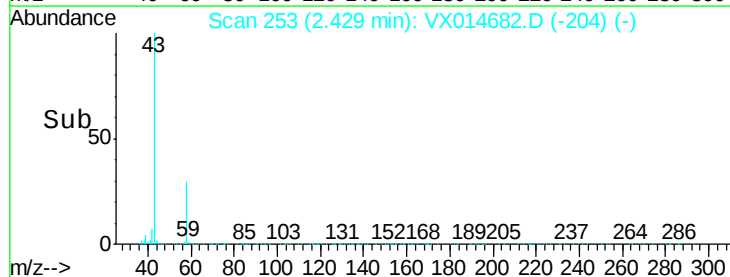
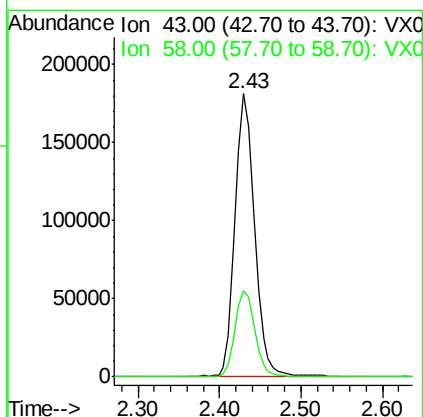
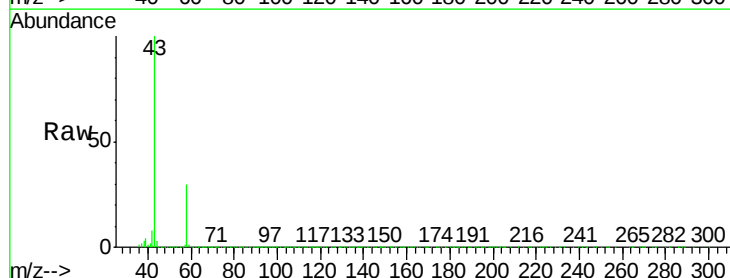
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

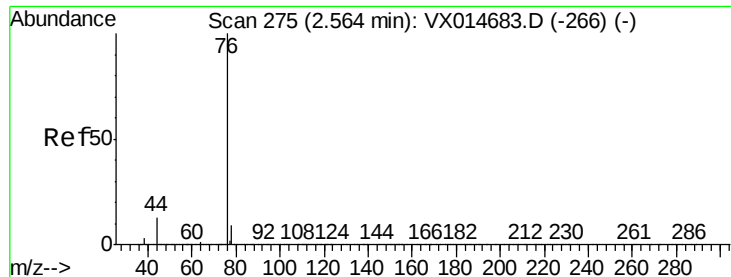
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	35.7	28.7	43.1



#16
 Acetone
 Concen: 107.43 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7

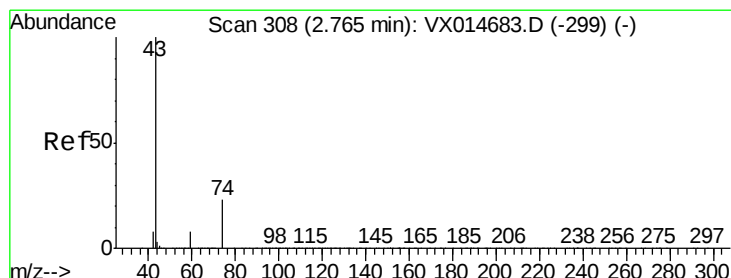
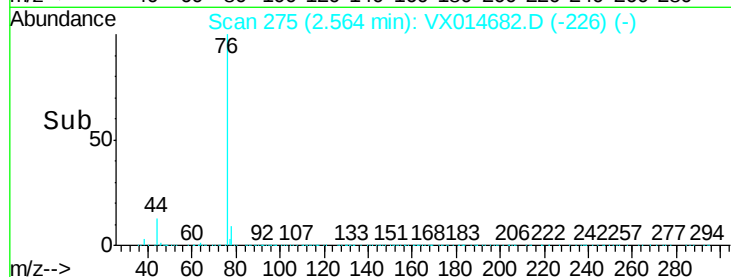
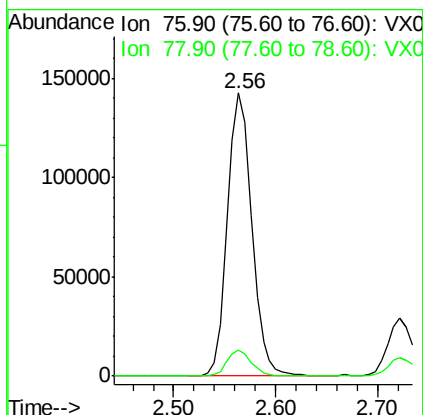
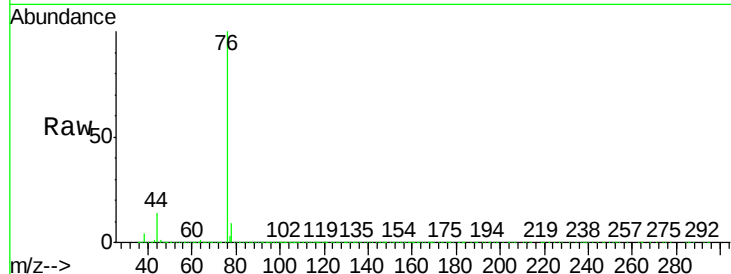




#17
Carbon Disulfide
Concen: 18.97 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

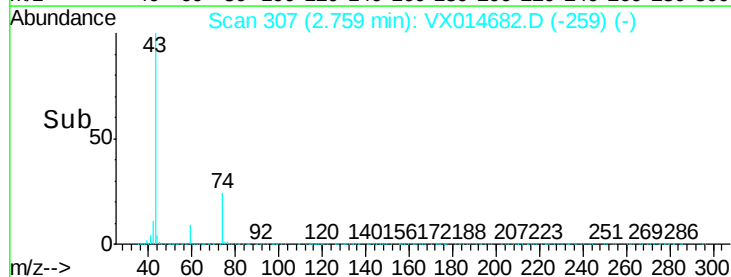
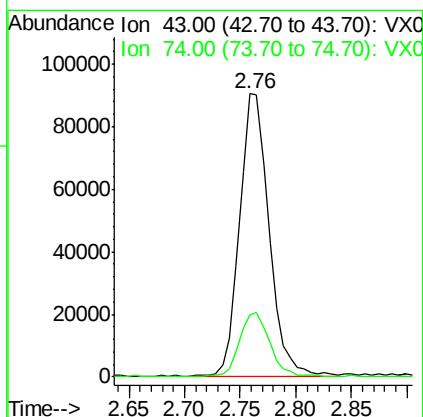
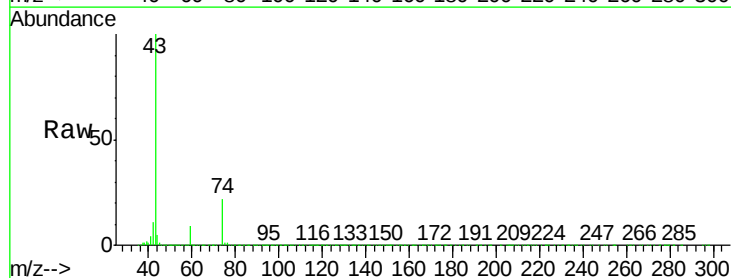
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

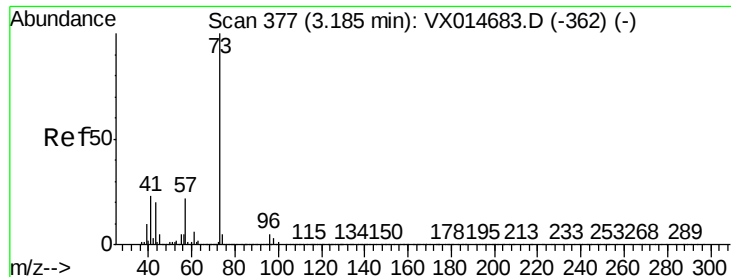
Tgt Ion: 76 Resp: 235705
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 22.72 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 43 Resp: 165664
Ion Ratio Lower Upper
43 100
74 23.4 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 19.96 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

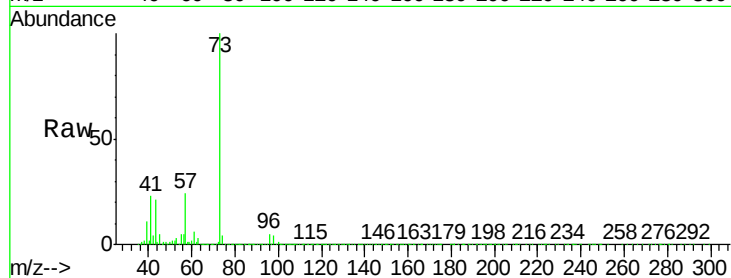
VSTDIC020

Tgt Ion: 73 Resp: 285063

Ion Ratio Lower Upper

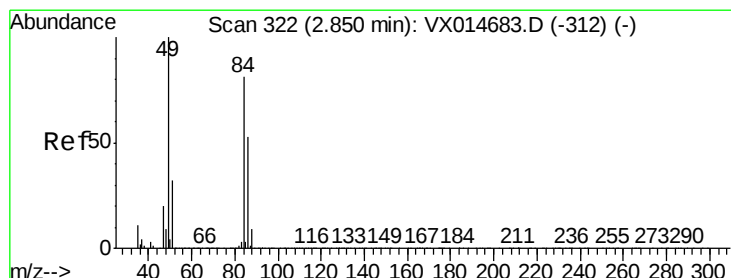
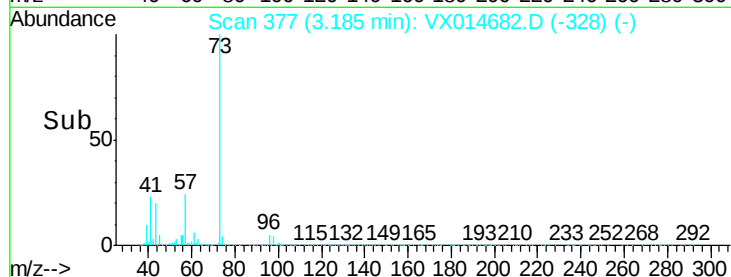
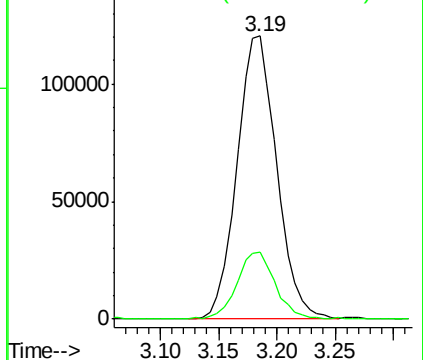
73 100

57 23.4 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.61 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Tgt Ion: 84 Resp: 99477

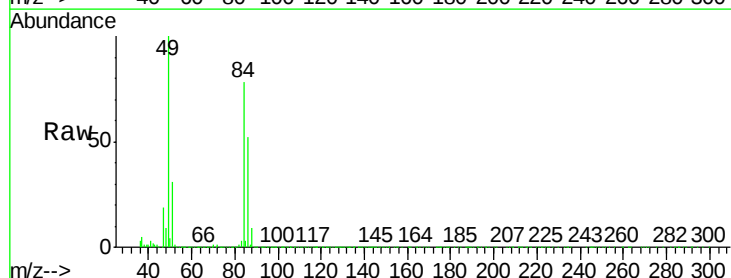
Ion Ratio Lower Upper

84 100

49 128.3 98.2 147.4

51 39.2 31.3 46.9

86 67.1 51.8 77.6

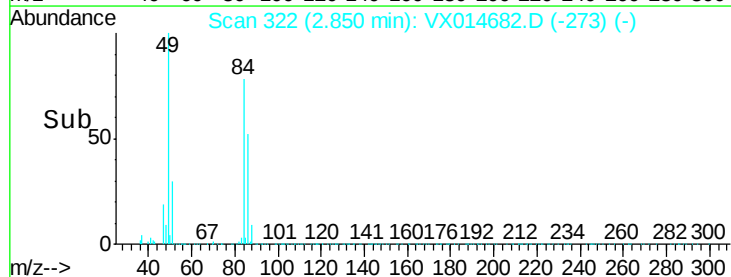
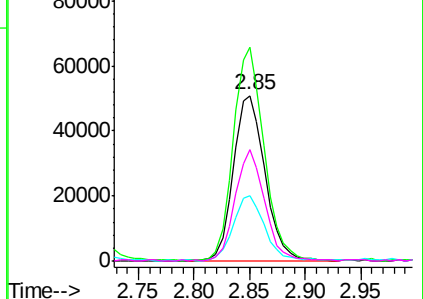


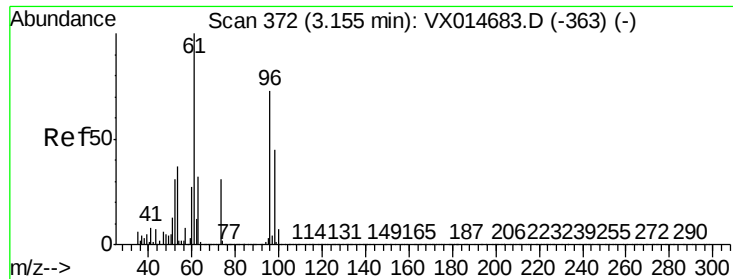
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.18 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

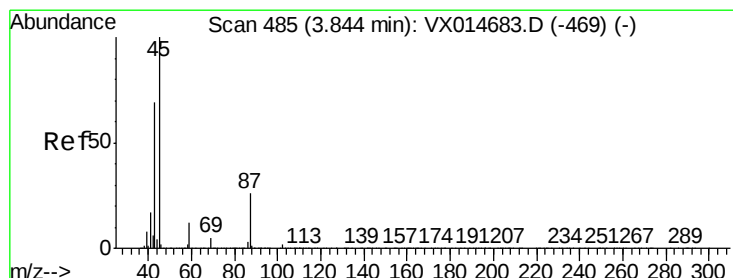
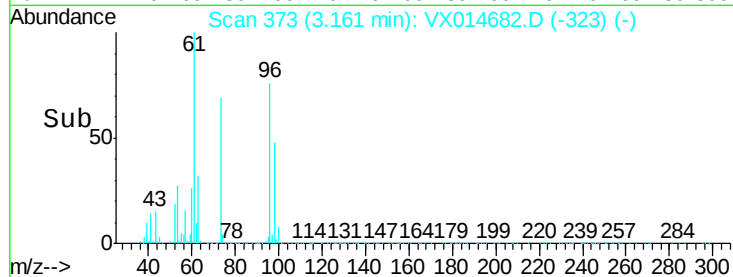
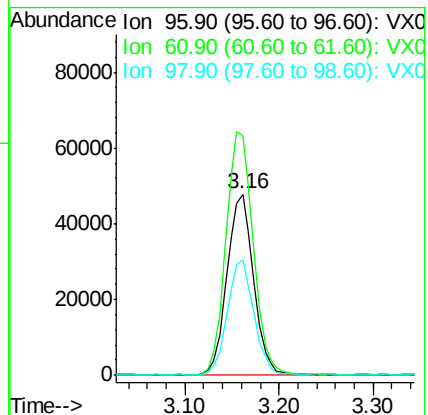
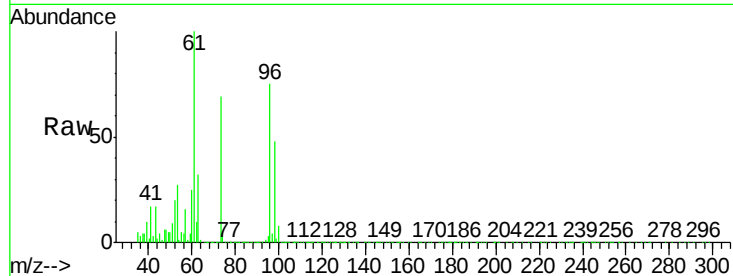
Tgt Ion: 96 Resp: 93195

Ion Ratio Lower Upper

96 100

61 132.5 109.8 164.6

98 63.7 49.6 74.4



#22

Diisopropyl ether

Concen: 20.95 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Tgt Ion: 45 Resp: 319307

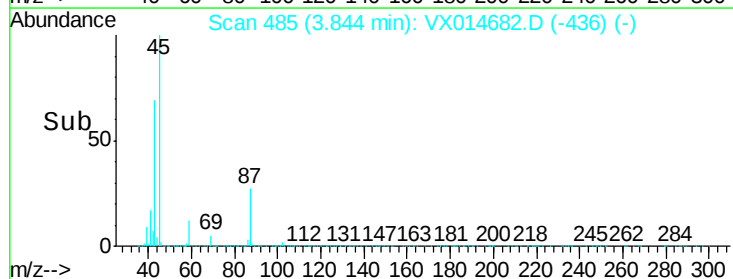
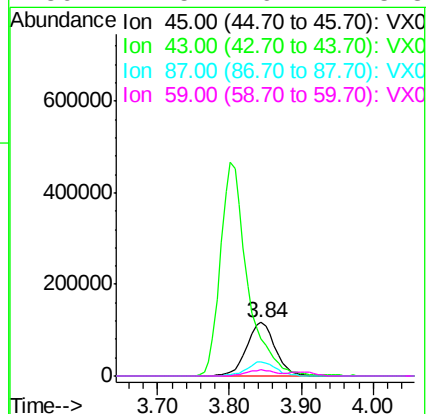
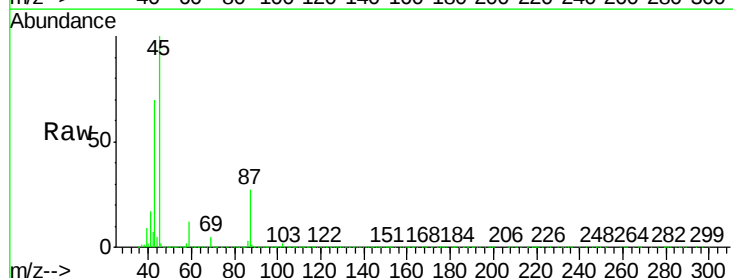
Ion Ratio Lower Upper

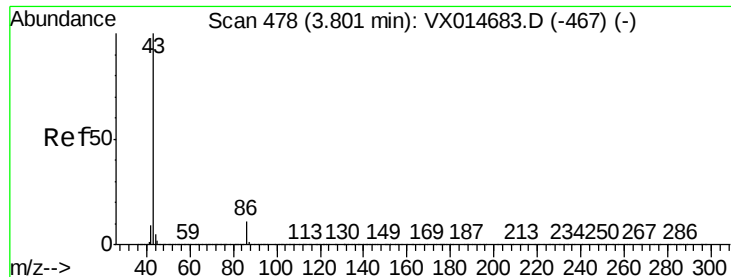
45 100

43 69.3 55.1 82.7

87 26.5 20.7 31.1

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 104.04 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

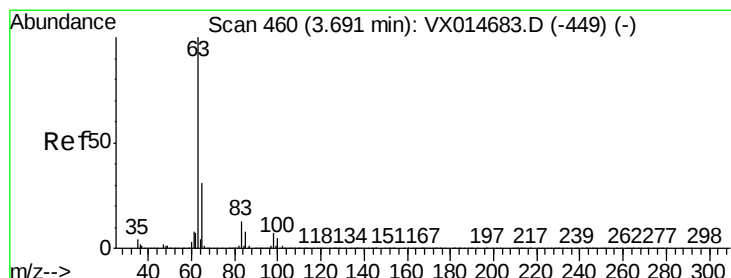
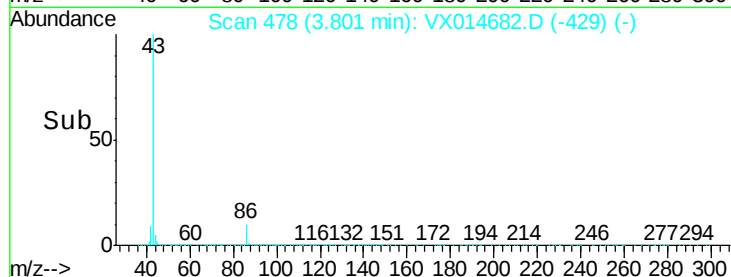
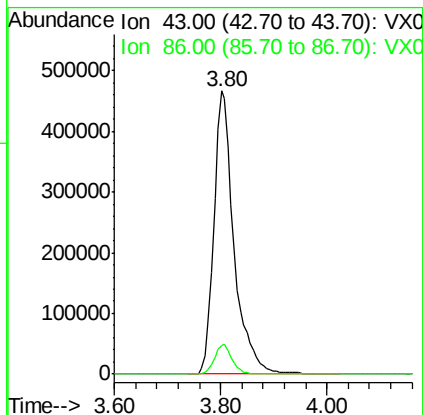
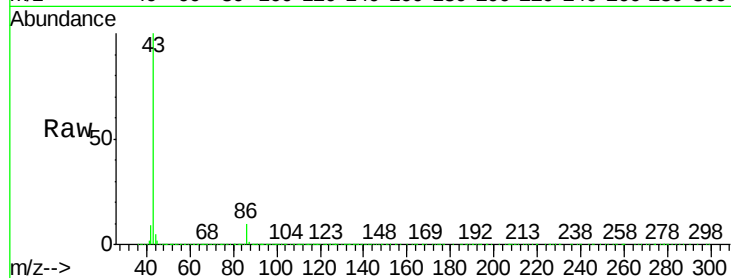
VSTDIC020

Tgt Ion: 43 Resp: 1219940

Ion Ratio Lower Upper

43 100

86 10.0 8.4 12.6



#24

1,1-Dichloroethane

Concen: 21.11 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

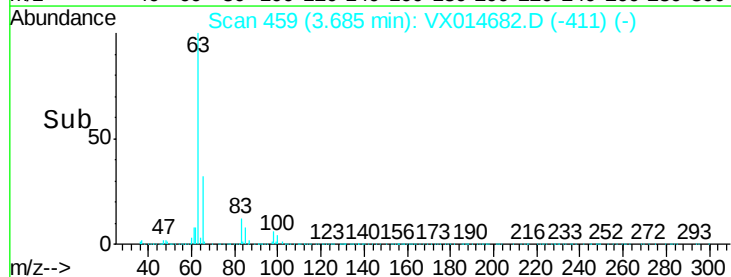
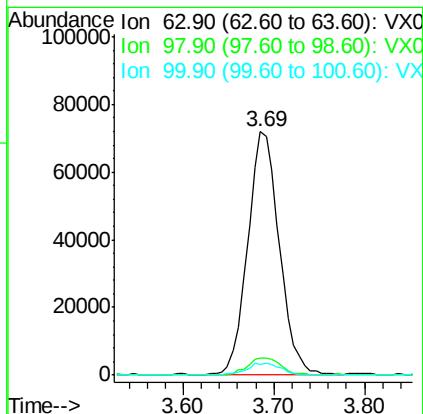
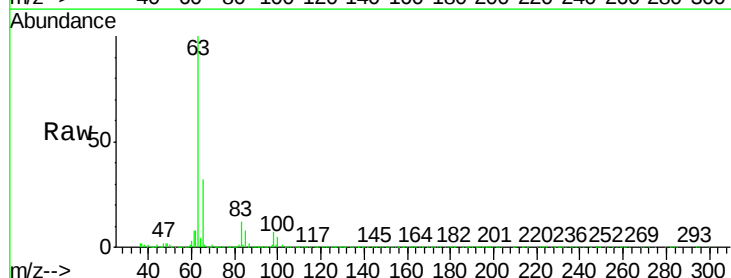
Tgt Ion: 63 Resp: 174248

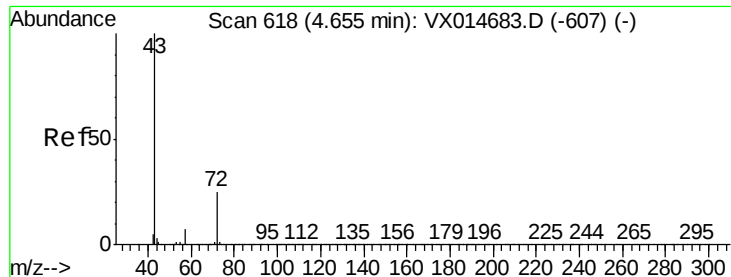
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 109.58 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

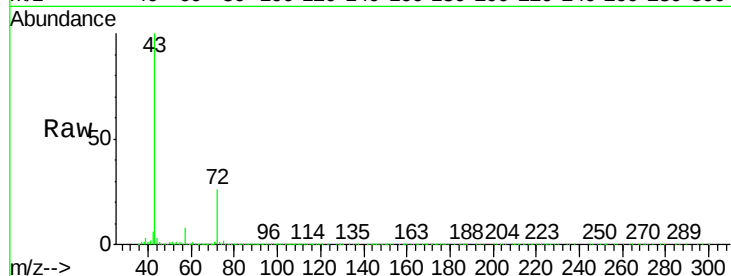
VSTDIC020

Tgt Ion: 43 Resp: 414600

Ion Ratio Lower Upper

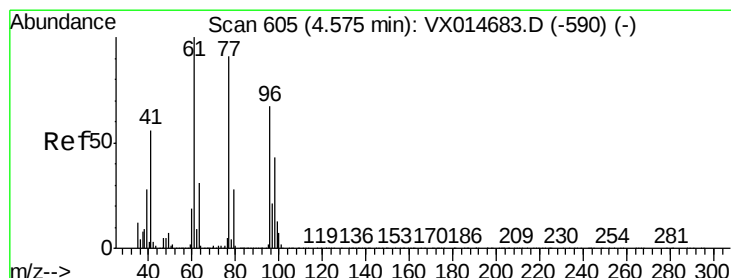
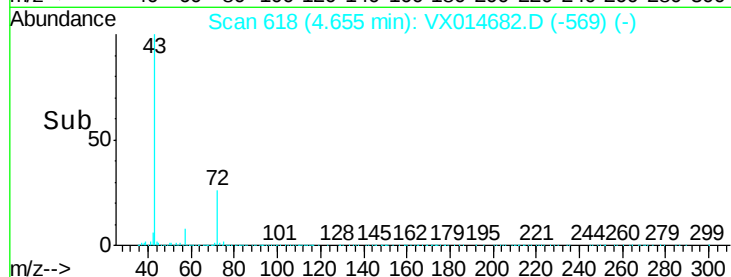
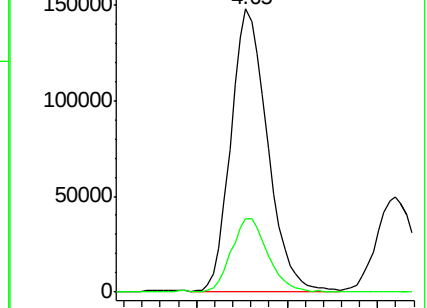
43 100

72 26.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.38 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014682.D

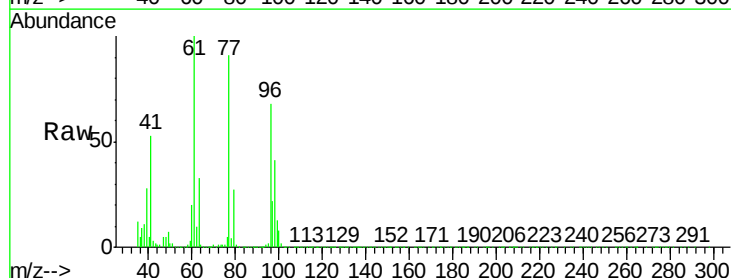
Acq: 22 Jan 2020 11:04

Tgt Ion: 77 Resp: 134414

Ion Ratio Lower Upper

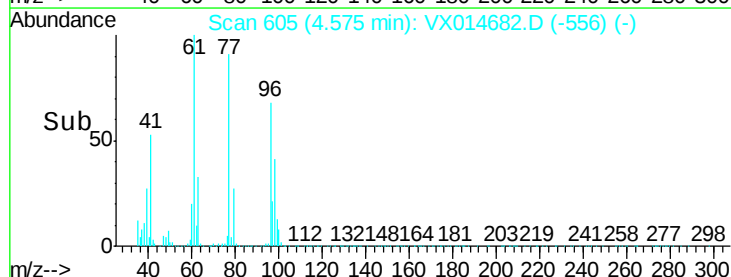
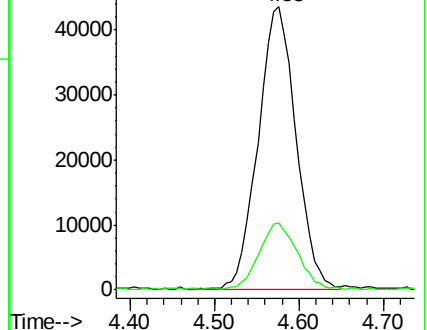
77 100

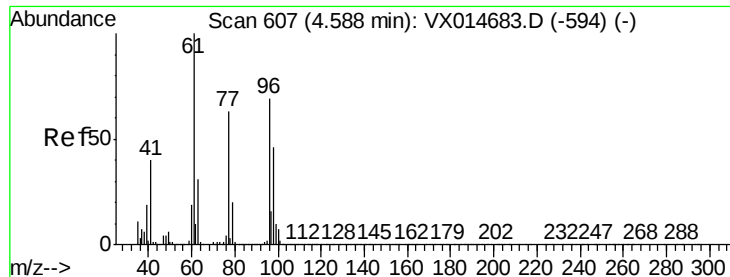
97 24.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



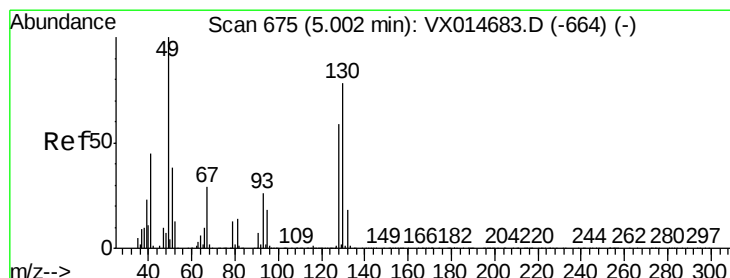
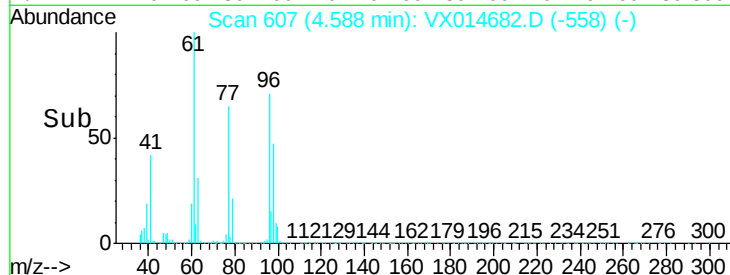
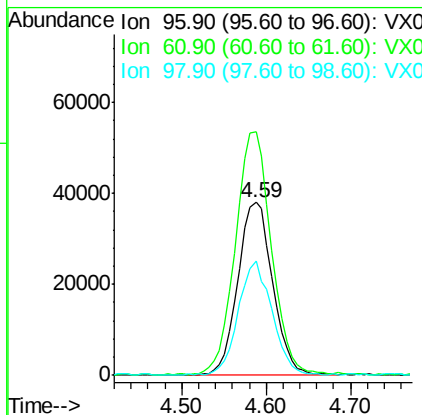
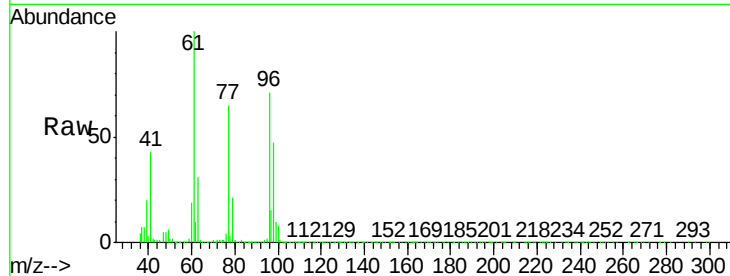


#27

cis-1,2-Dichloroethene
Concen: 19.50 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

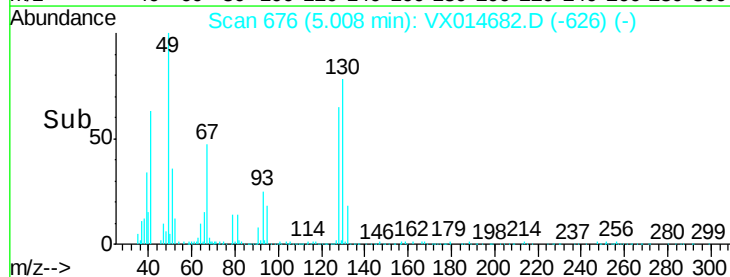
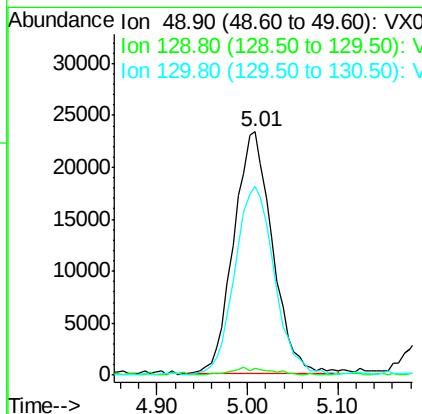
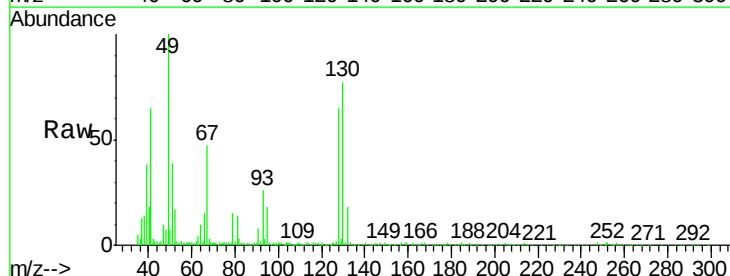
Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	291.0
98	63.7	0.0	129.8

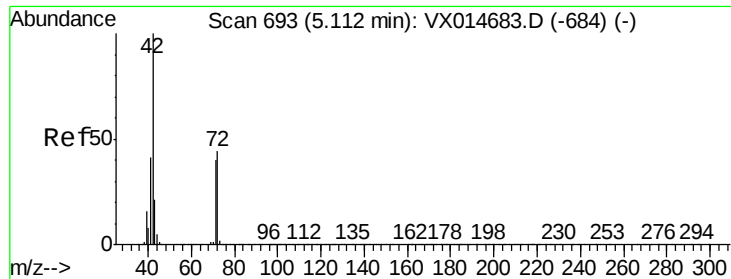


#28

Bromochloromethane
Concen: 19.72 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	4.8
130	80.1	62.4	93.6





#29

Tetrahydrofuran

Concen: 110.95 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

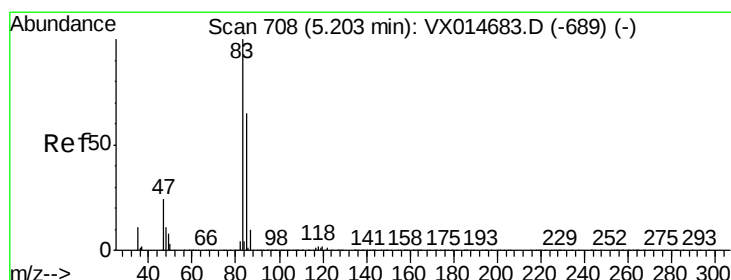
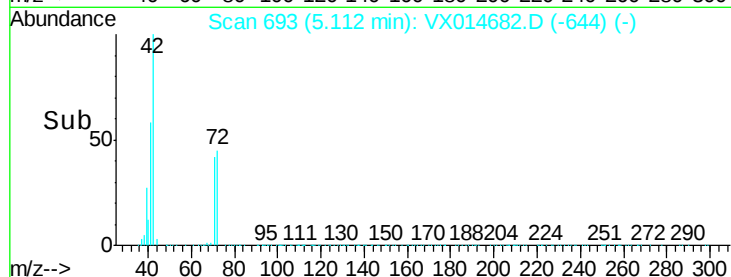
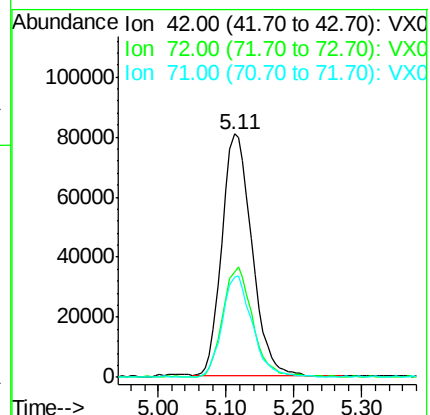
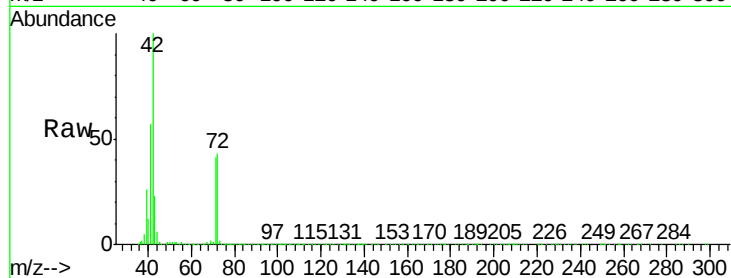
Tgt Ion: 42 Resp: 247829

Ion Ratio Lower Upper

42 100

72 45.9 35.3 52.9

71 41.5 33.1 49.7



#30

Chloroform

Concen: 20.68 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014682.D

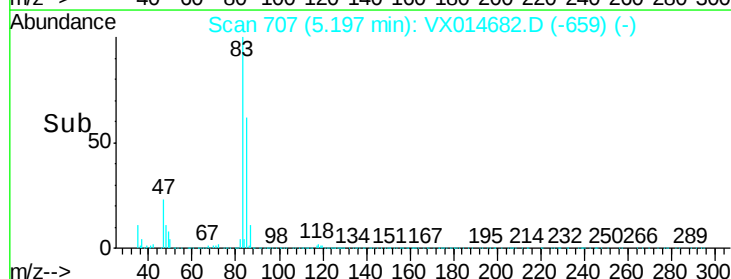
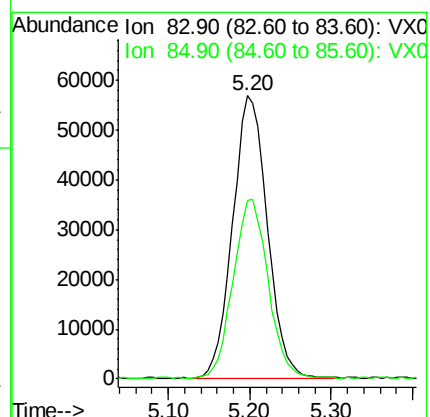
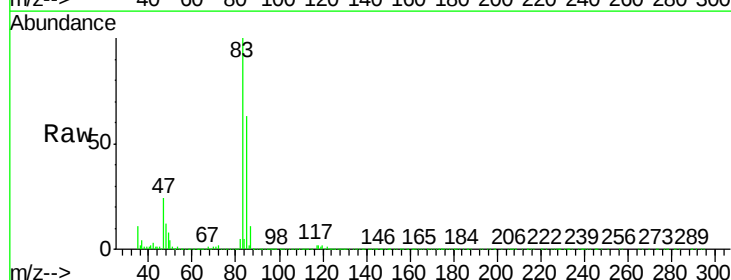
Acq: 22 Jan 2020 11:04

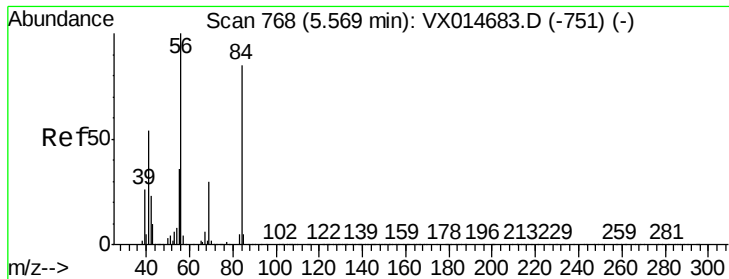
Tgt Ion: 83 Resp: 167035

Ion Ratio Lower Upper

83 100

85 62.8 51.7 77.5

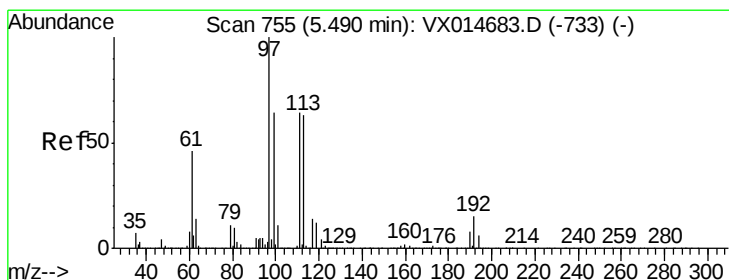
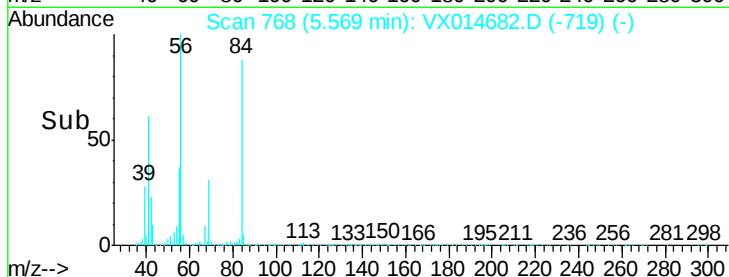
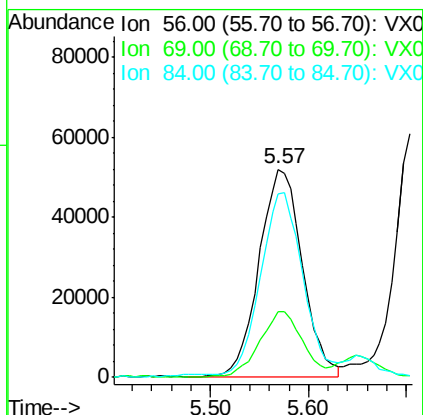
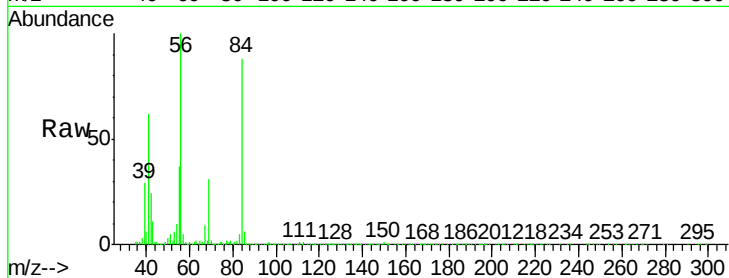




#31
Cyclohexane
Concen: 20.86 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

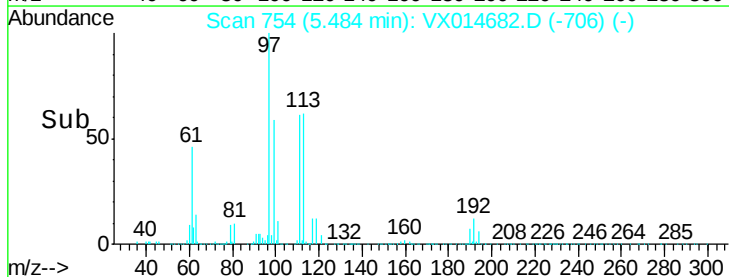
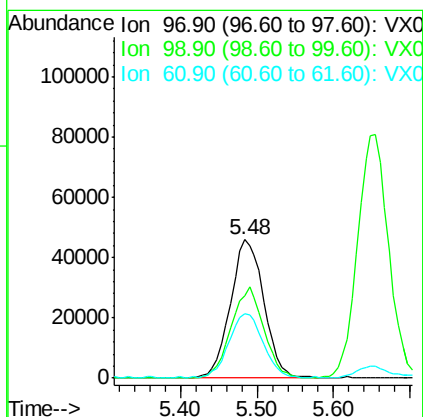
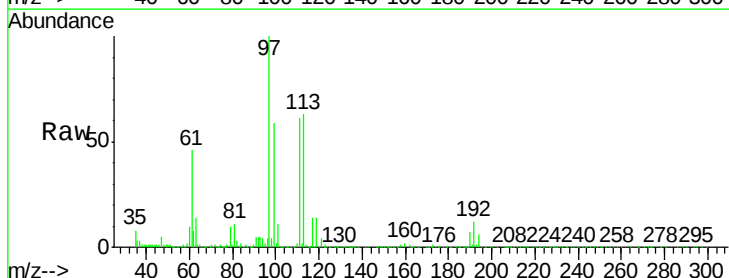
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

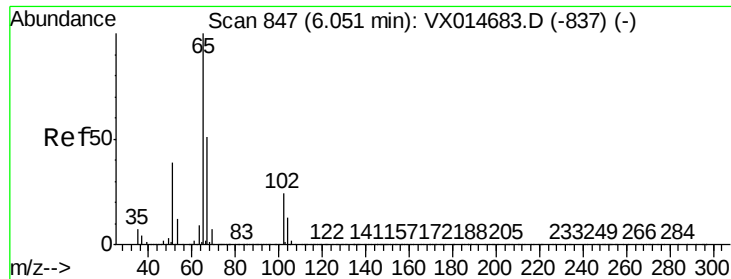
Tgt Ion: 56 Resp: 161136
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 86.7 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 20.20 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 97 Resp: 138820
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 47.1 37.2 55.8

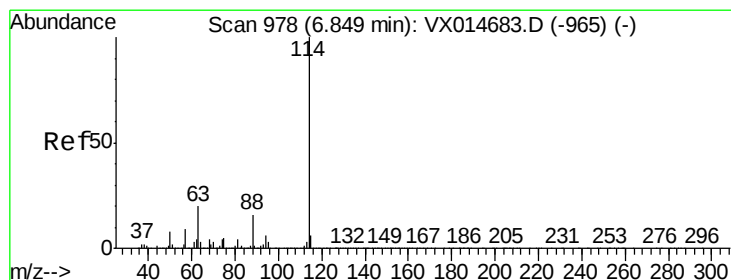
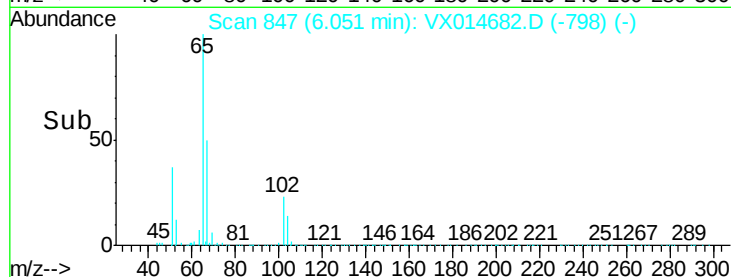
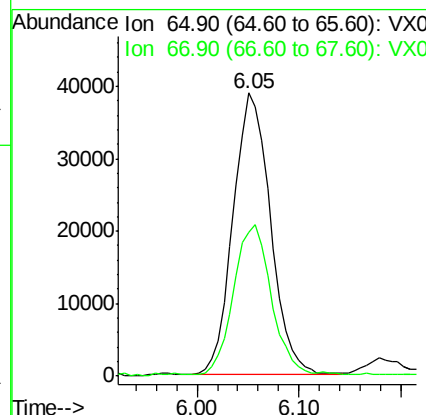
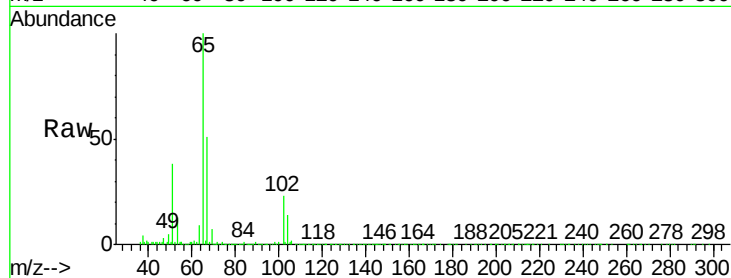




#33
 1,2-Dichloroethane-d4
 Concen: 19.59 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

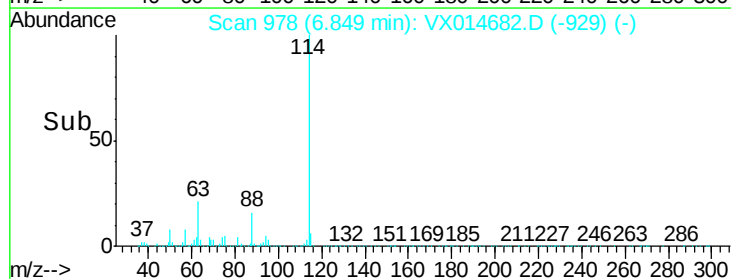
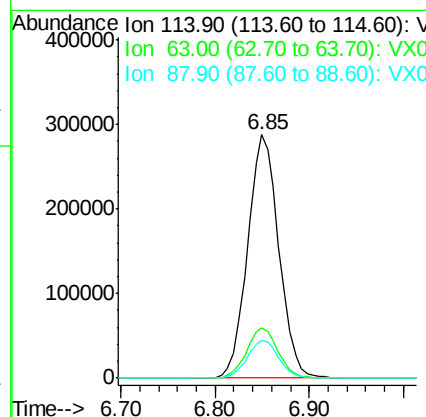
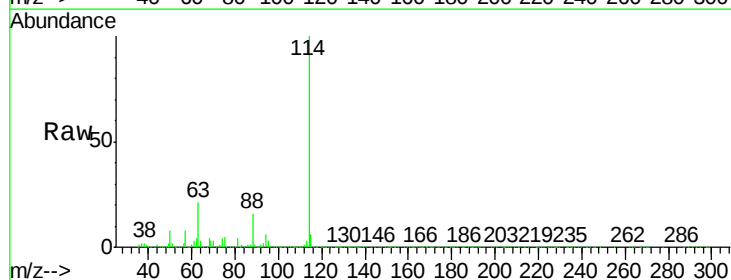
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

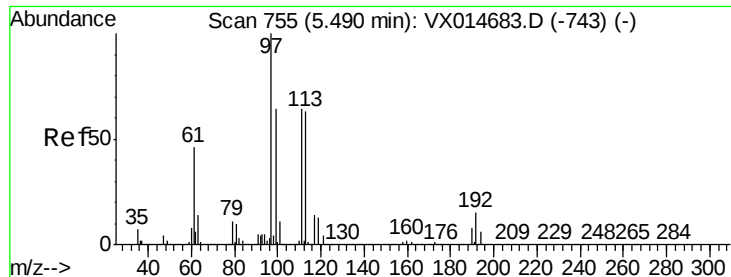
Tgt Ion: 65 Resp: 99198
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion: 114 Resp: 665965
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 19.96 ug/l

RT: 5.48 min Scan# 754

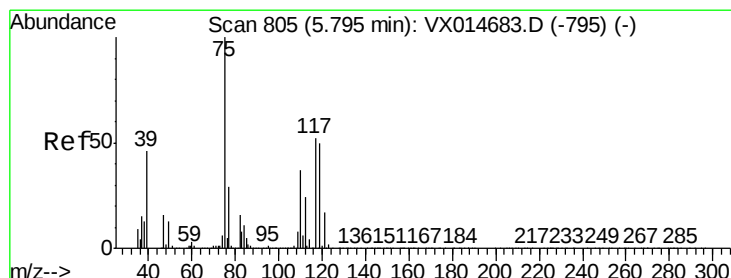
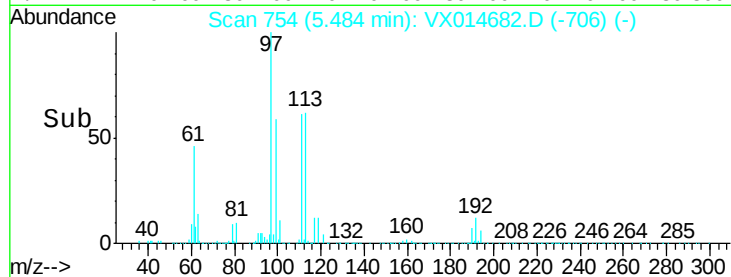
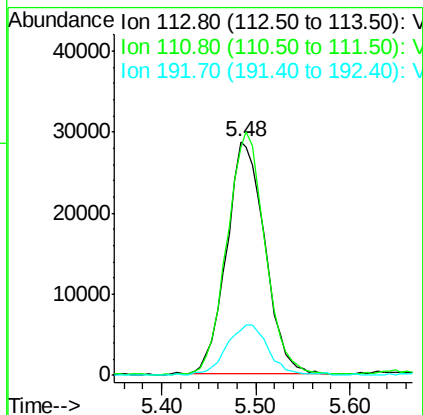
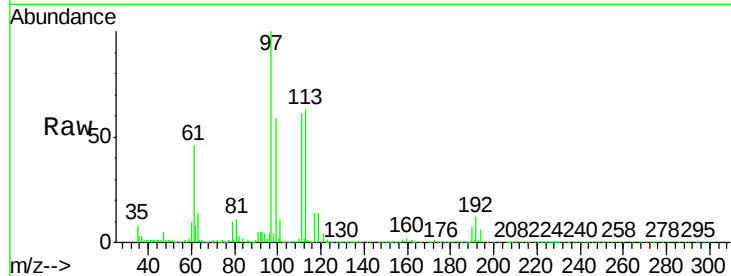
Delta R.T. -0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	113	Resp:	81267
Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.7	121.1
192	23.7	18.5	27.7



#36

1,1-Dichloropropene

Concen: 20.04 ug/l

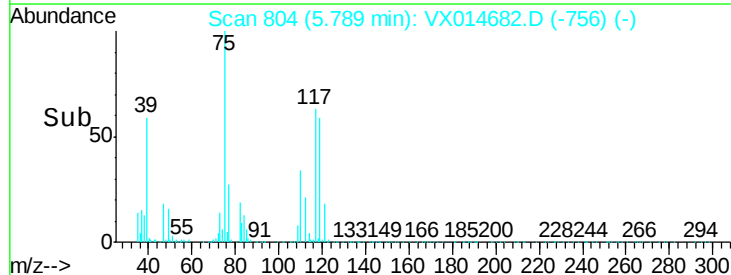
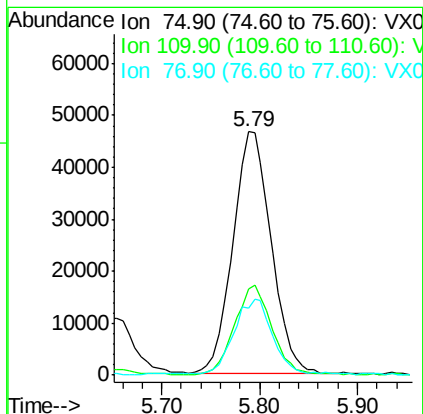
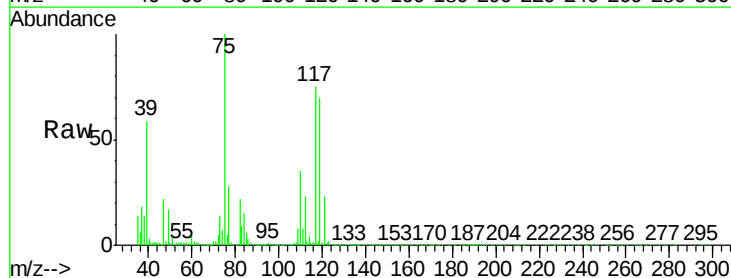
RT: 5.79 min Scan# 804

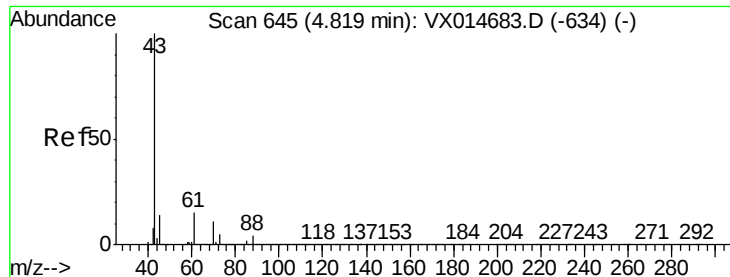
Delta R.T. -0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Tgt Ion:	75	Resp:	126639
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	30.4	24.1	36.1

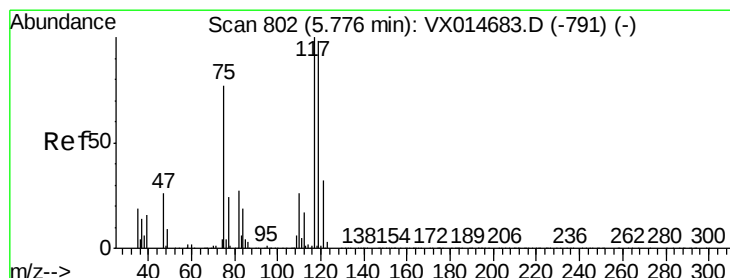
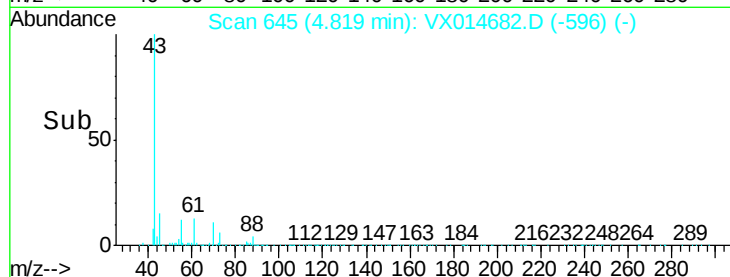
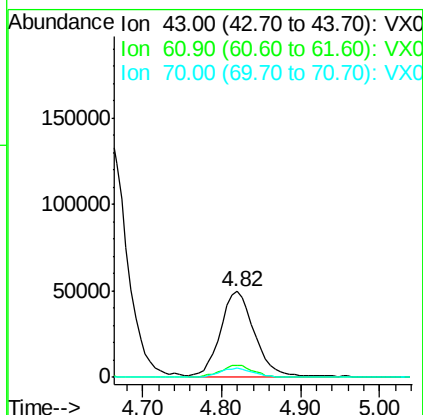
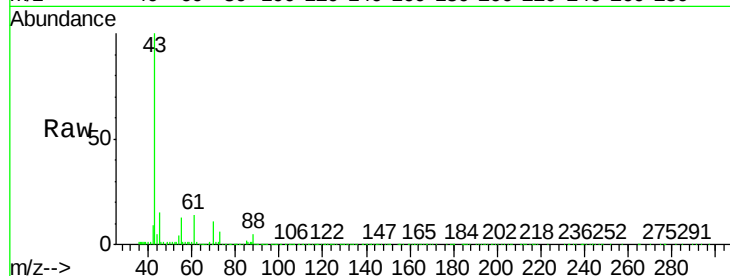




#37
Ethyl Acetate
Concen: 21.49 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

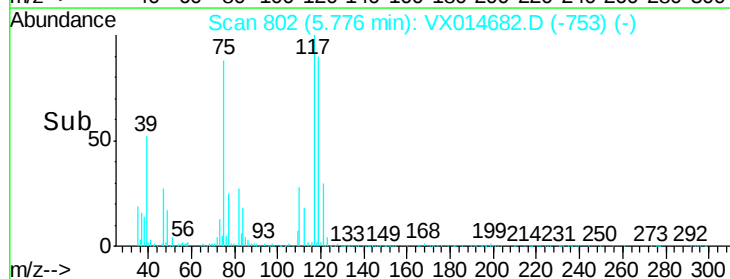
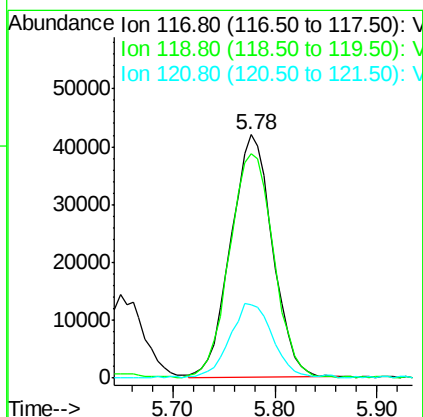
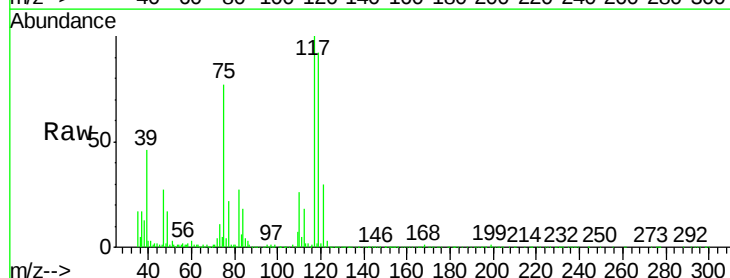
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	43	Resp:	147507
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.4
70	9.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 20.58 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion:	117	Resp:	119335
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.9	116.9
121	29.8	25.4	38.2

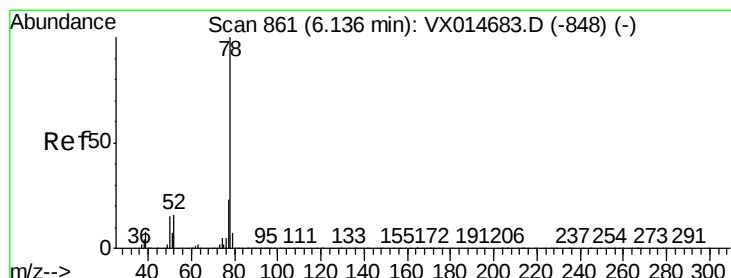
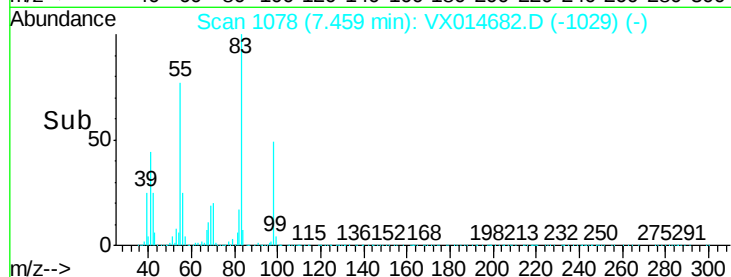
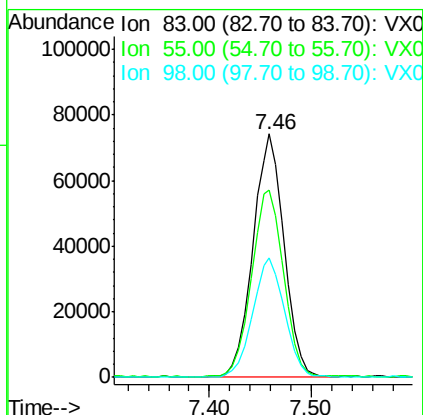
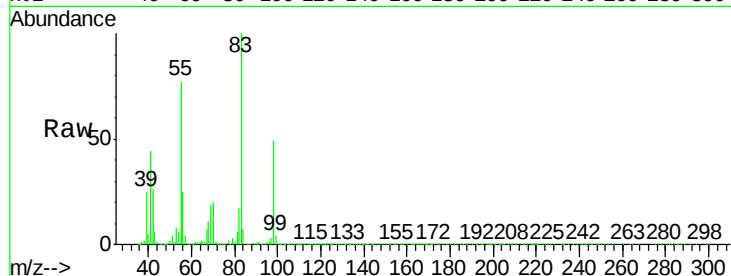




#39
Methylcyclohexane
Concen: 19.93 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

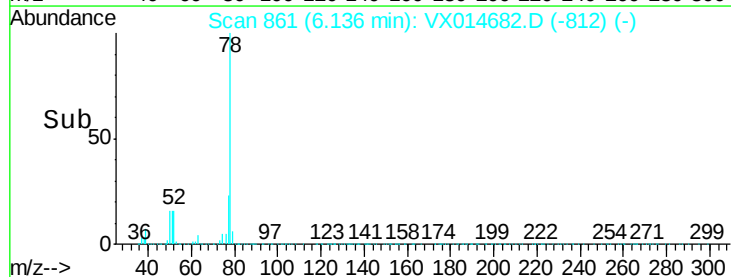
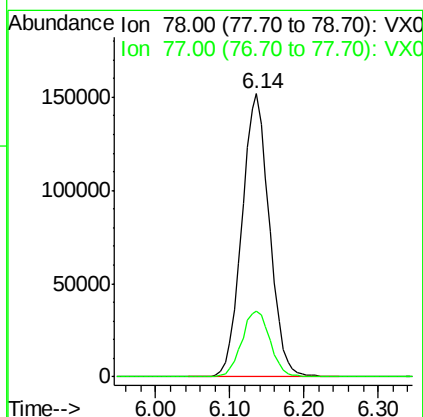
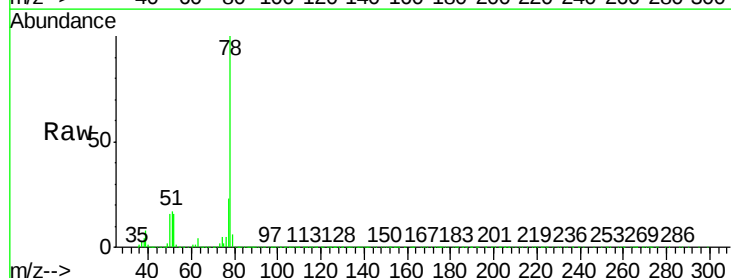
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

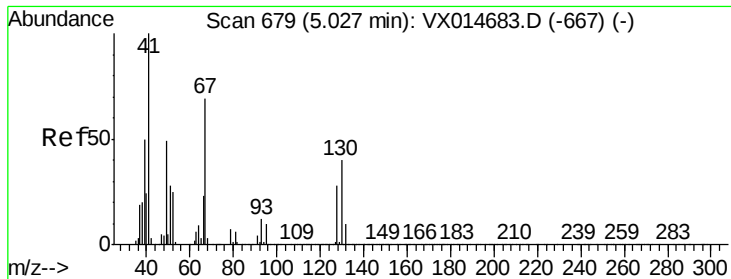
Tgt Ion: 83 Resp: 157580
Ion Ratio Lower Upper
83 100
55 76.6 65.6 98.4
98 49.0 40.2 60.4



#40
Benzene
Concen: 20.83 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 78 Resp: 391513
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41

Methacrylonitrile

Concen: 22.45 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 82754

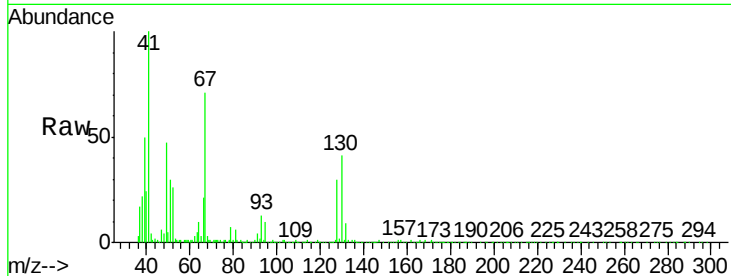
Ion Ratio Lower Upper

41 100

39 51.9 42.2 63.2

67 71.1 55.4 83.0

52 28.8 22.1 33.1

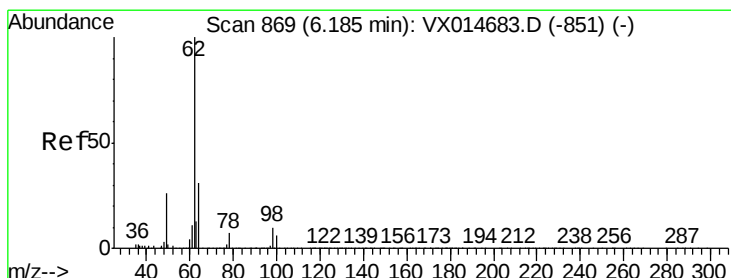
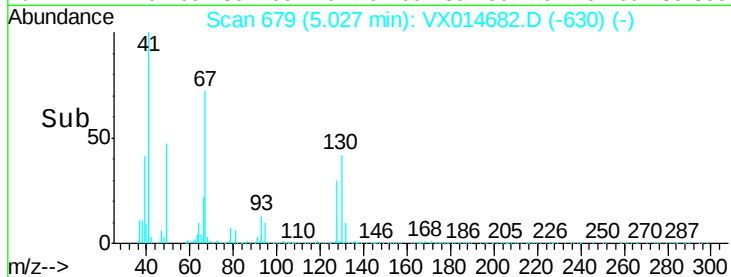
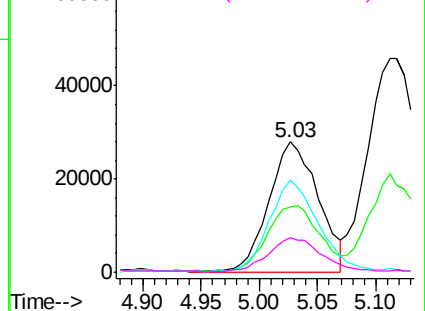


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.58 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014682.D

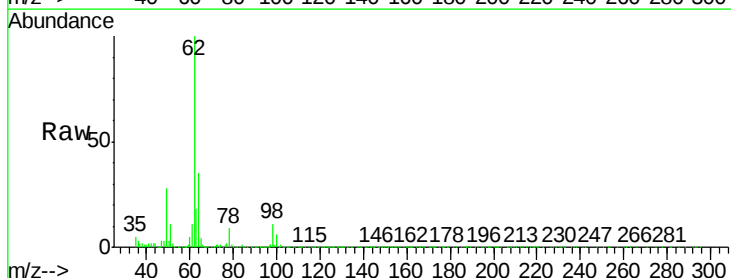
Acq: 22 Jan 2020 11:04

Tgt Ion: 62 Resp: 135358

Ion Ratio Lower Upper

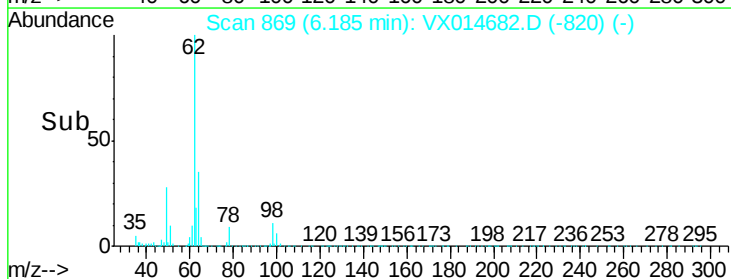
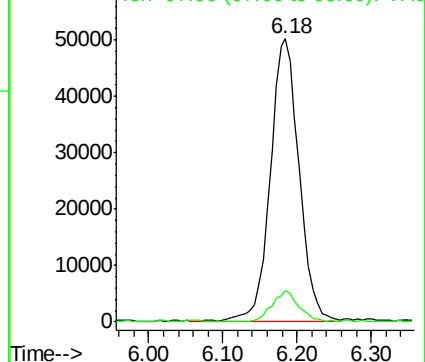
62 100

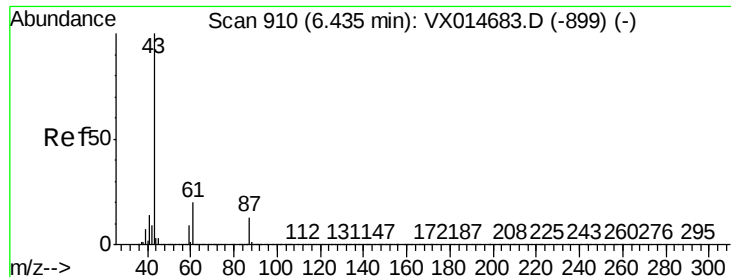
98 10.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.04 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

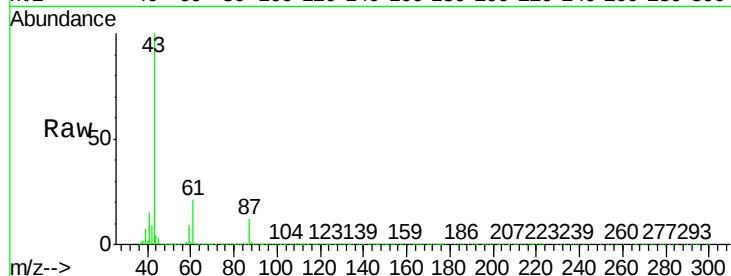
Tgt Ion: 43 Resp: 233444

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4

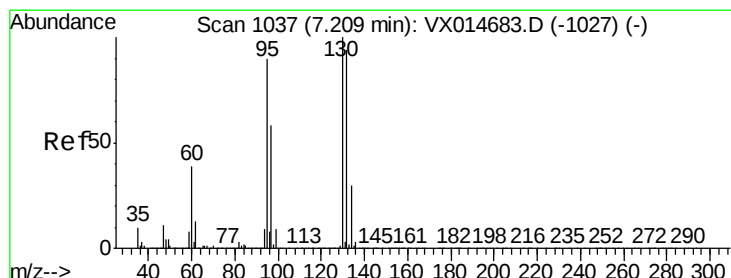
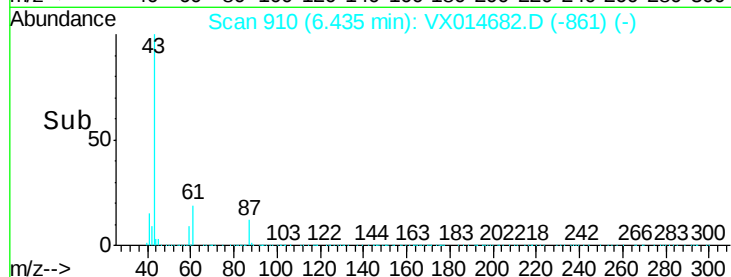
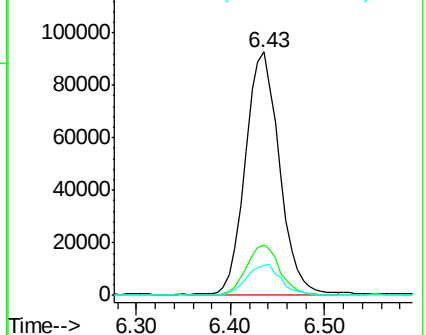
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.61 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014682.D

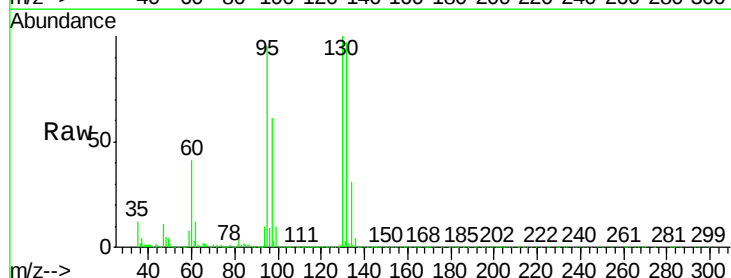
Acq: 22 Jan 2020 11:04

Tgt Ion: 130 Resp: 105402

Ion Ratio Lower Upper

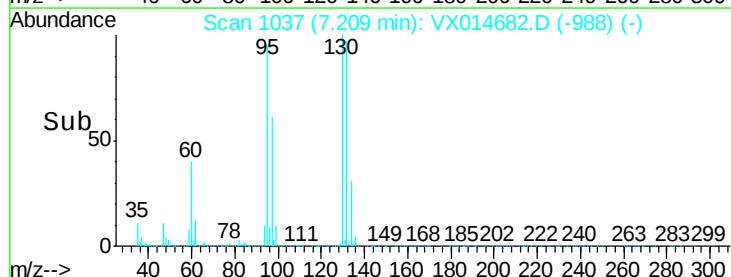
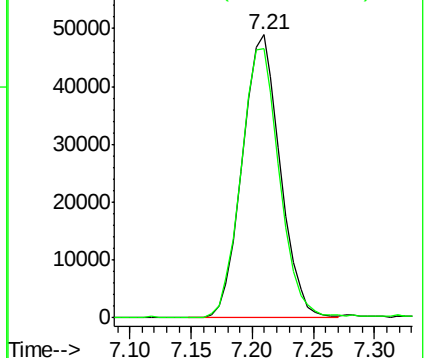
130 100

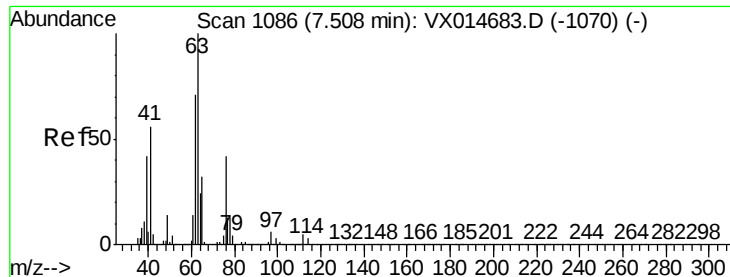
95 94.3 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.29 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampled :

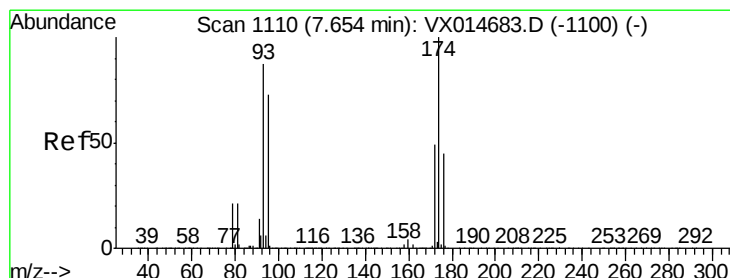
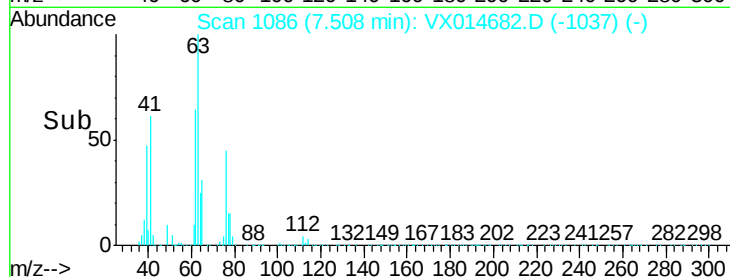
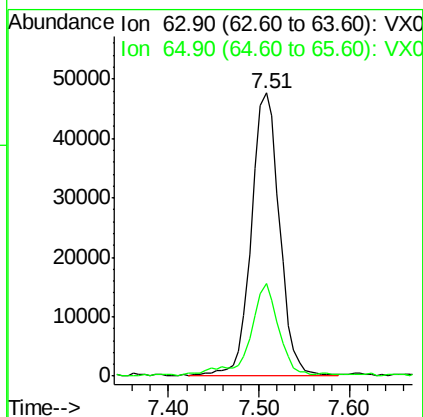
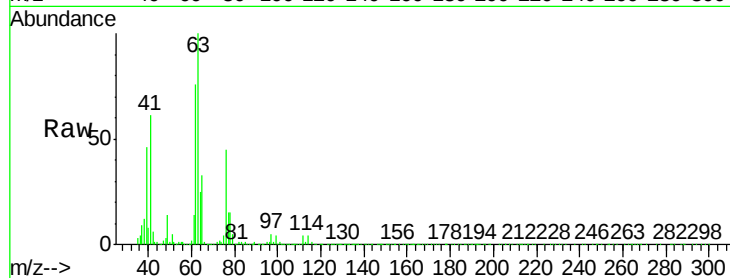
VSTDIC020

Tgt Ion: 63 Resp: 102084

Ion Ratio Lower Upper

63 100

65 32.0 25.2 37.8



#46

Dibromomethane

Concen: 19.13 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

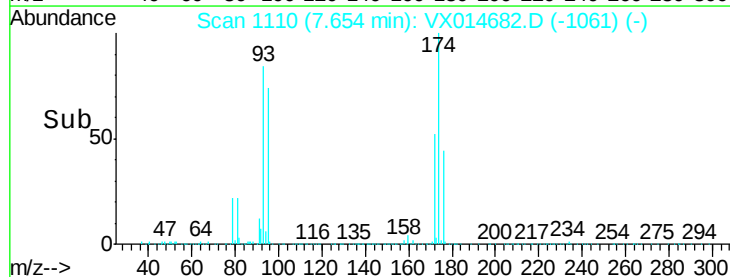
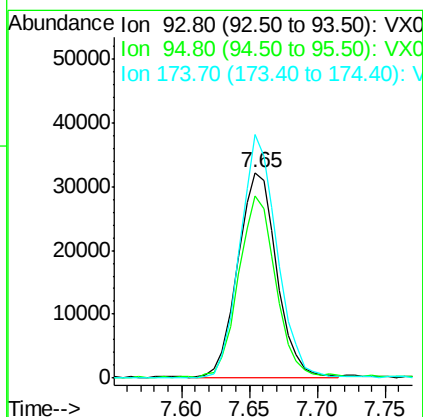
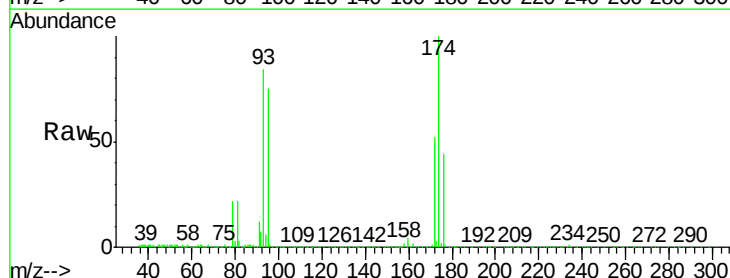
Tgt Ion: 93 Resp: 63786

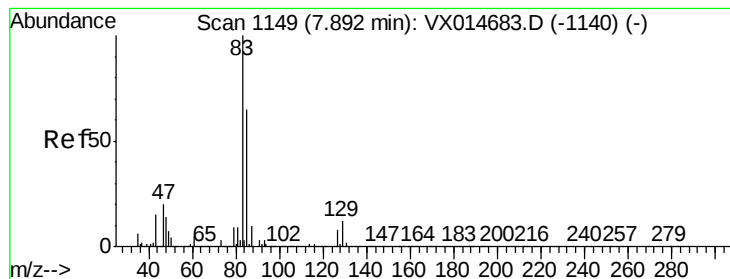
Ion Ratio Lower Upper

93 100

95 85.0 67.0 100.4

174 114.6 90.2 135.2





#47

Bromodichloromethane

Concen: 20.40 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

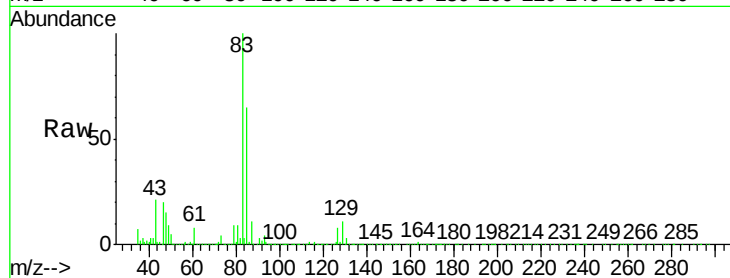
Tgt Ion: 83 Resp: 124173

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

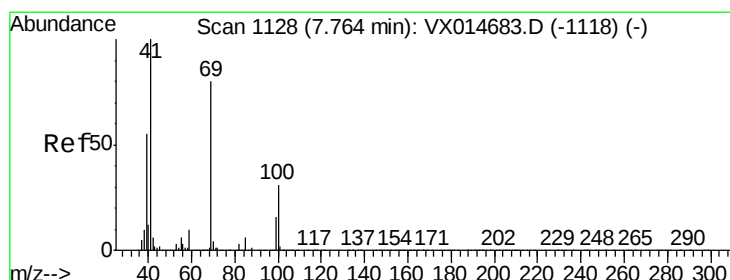
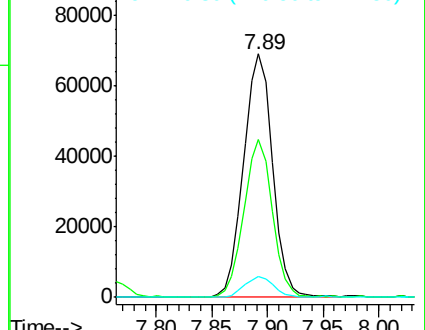
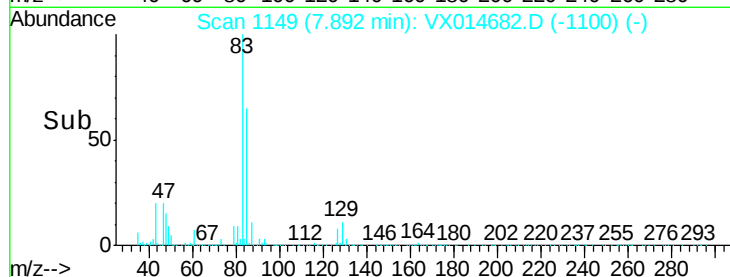
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.27 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

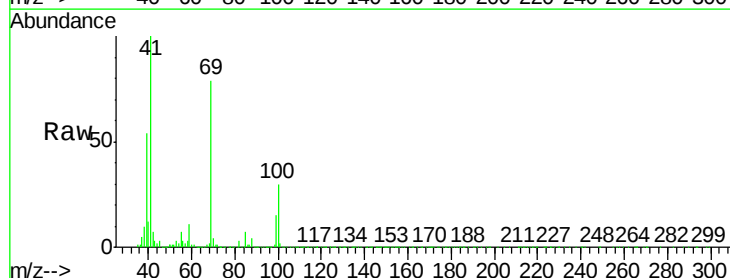
Tgt Ion: 41 Resp: 113418

Ion Ratio Lower Upper

41 100

69 81.9 63.5 95.3

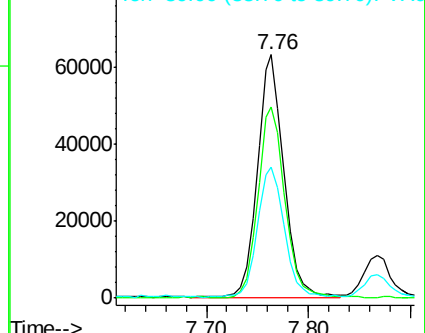
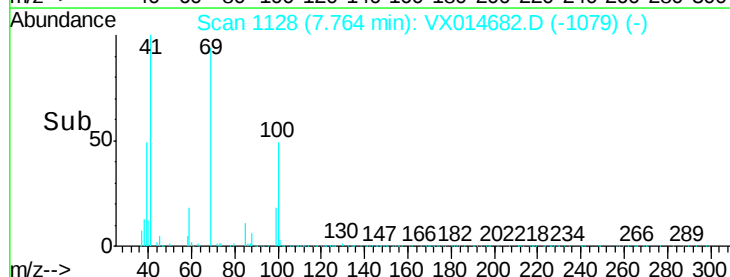
39 55.4 43.7 65.5

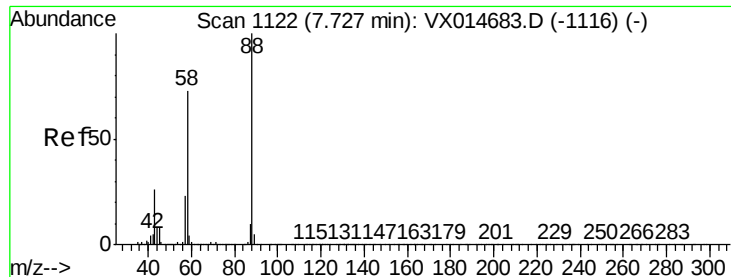


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 447.04 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

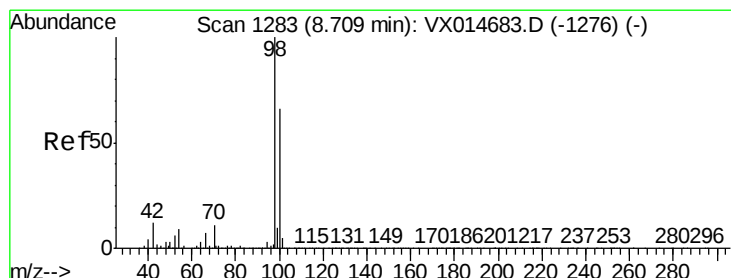
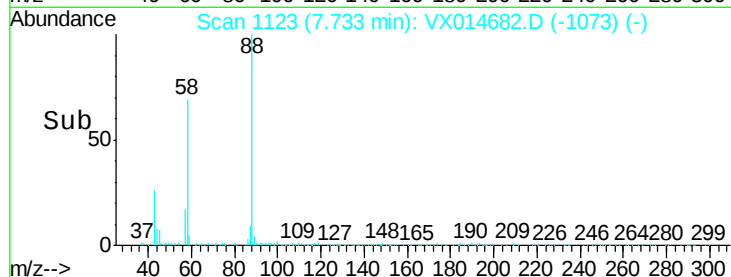
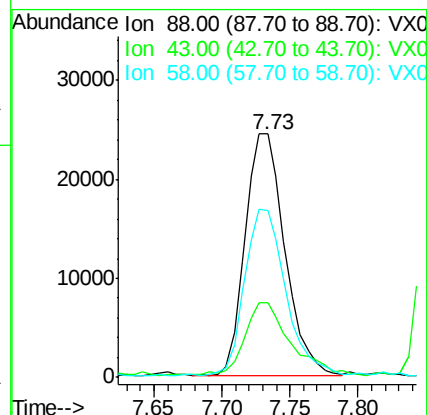
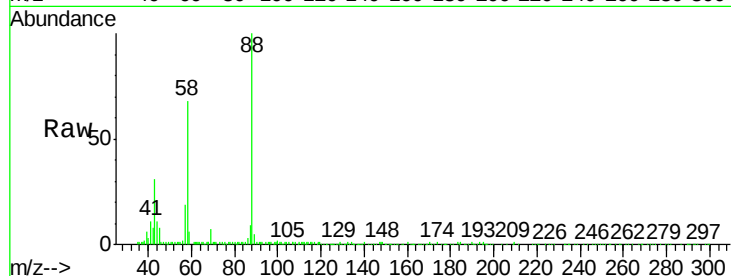
Tgt Ion: 88 Resp: 49706

Ion Ratio Lower Upper

88 100

43 34.8 26.2 39.2

58 71.8 56.6 85.0



#50

Toluene-d8

Concen: 20.00 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014682.D

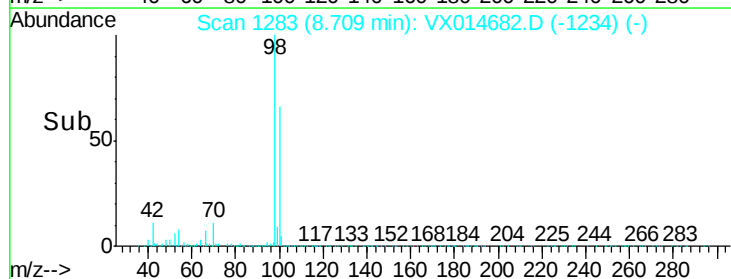
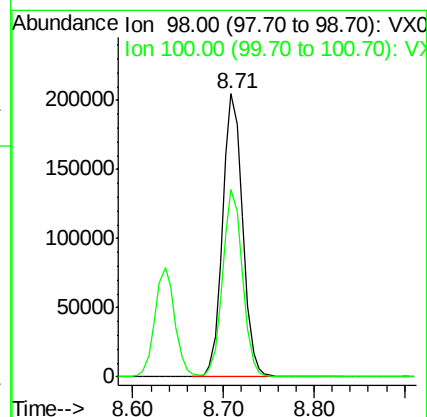
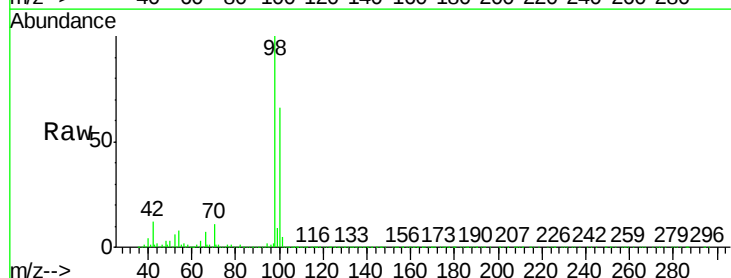
Acq: 22 Jan 2020 11:04

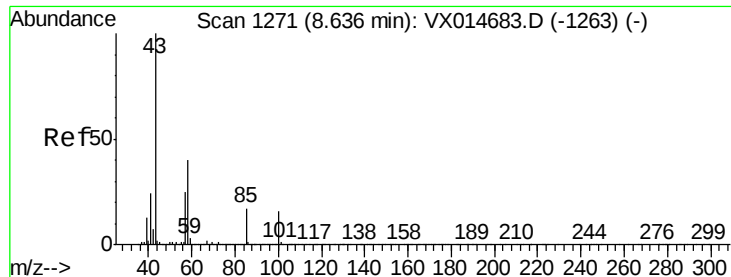
Tgt Ion: 98 Resp: 315967

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6

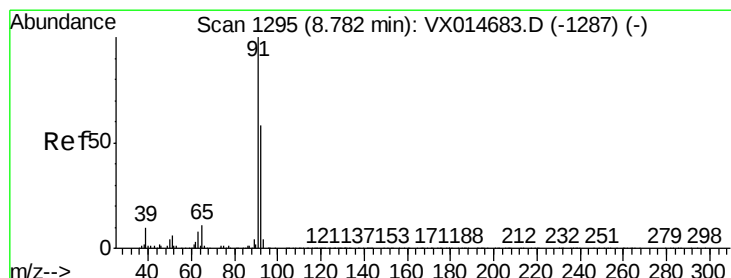
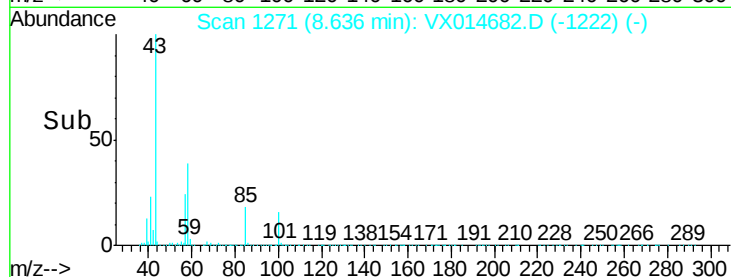
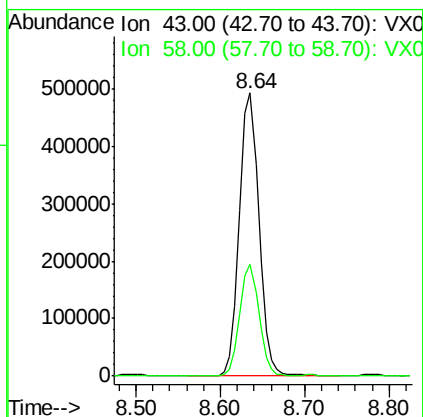
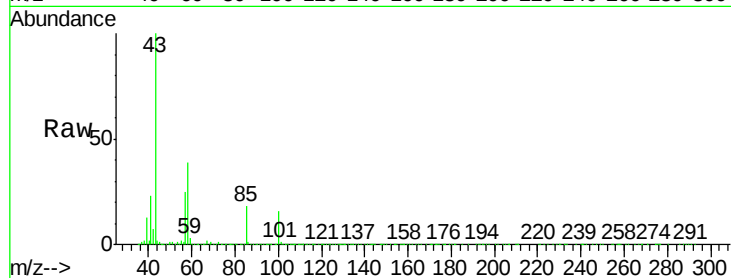




#51
4-Methyl-2-Pentanone
Concen: 113.35 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

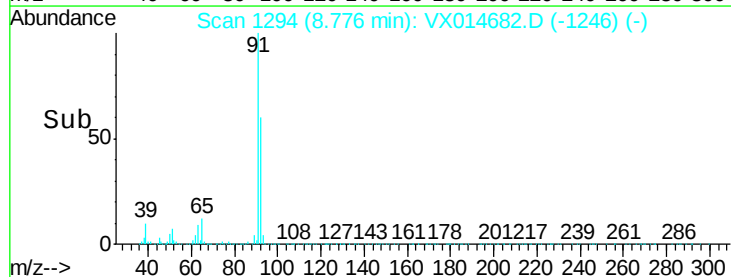
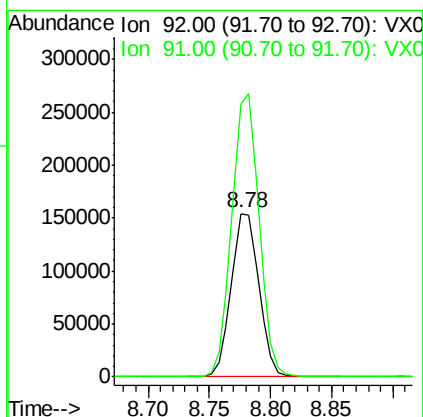
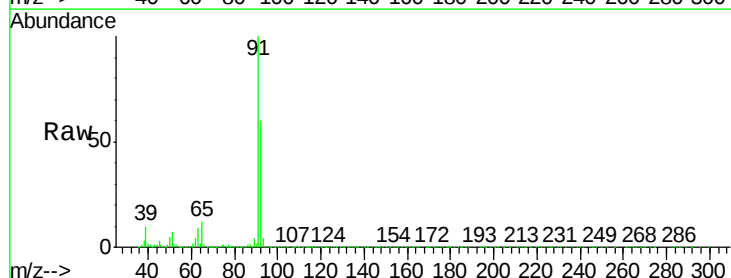
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

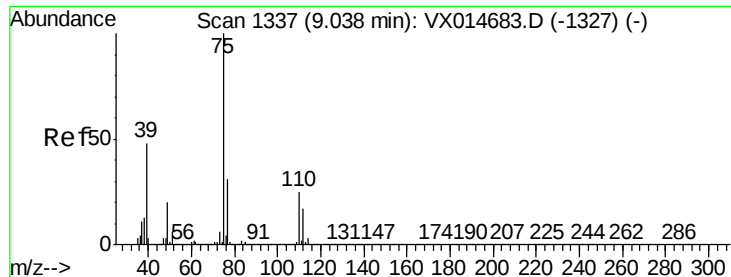
Tgt Ion: 43 Resp: 768837
Ion Ratio Lower Upper
43 100
58 38.7 31.6 47.4



#52
Toluene
Concen: 20.20 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 92 Resp: 242026
Ion Ratio Lower Upper
92 100
91 170.5 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.05 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

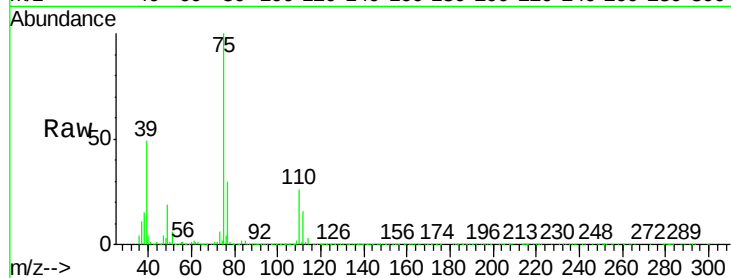
VSTDIC020

Tgt Ion: 75 Resp: 133989

Ion Ratio Lower Upper

75 100

77 29.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

60000

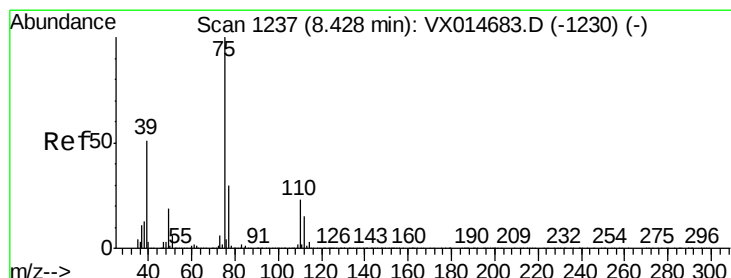
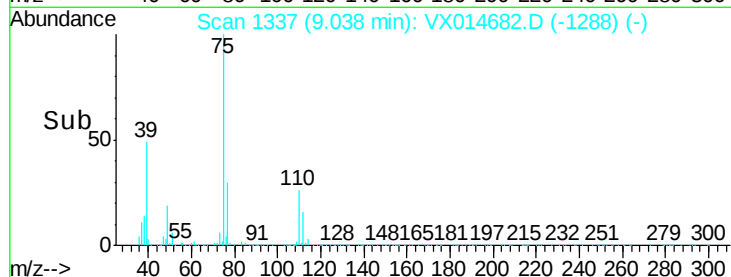
40000

20000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.75 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

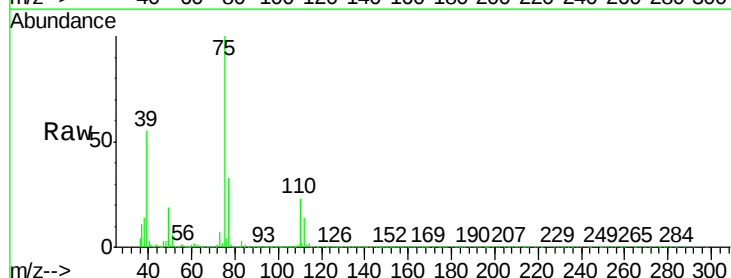
Tgt Ion: 75 Resp: 150325

Ion Ratio Lower Upper

75 100

77 33.3 23.9 35.9

39 54.8 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

60000

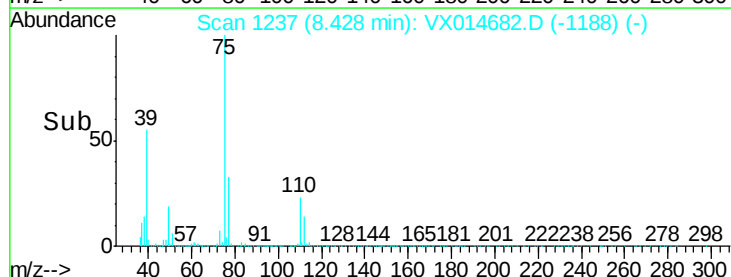
40000

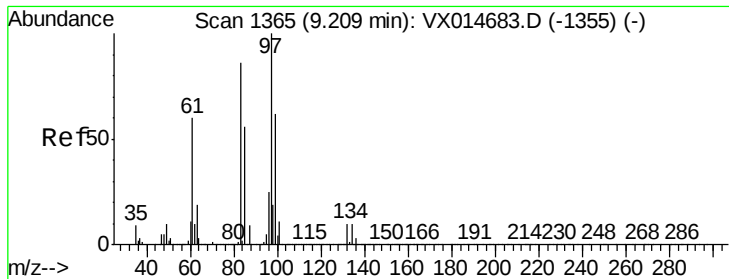
20000

0

8.40 8.50

Time-->

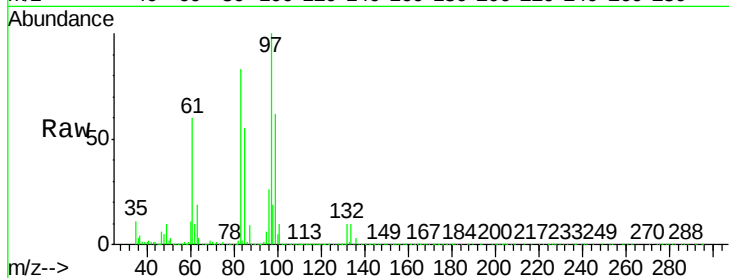




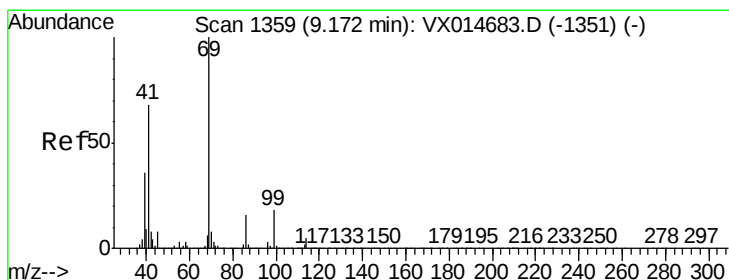
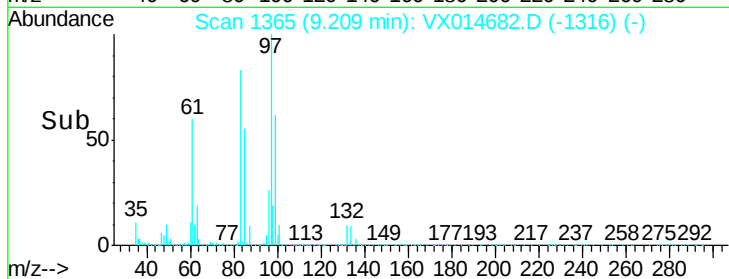
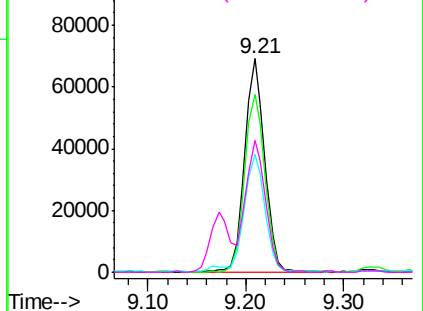
#55
 1,1,2-Trichloroethane
 Concen: 20.26 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	97770
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.2	103.8
85	54.8	44.6	67.0
99	61.7	50.1	75.1

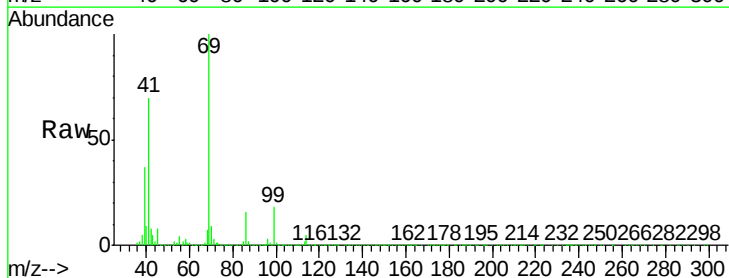


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

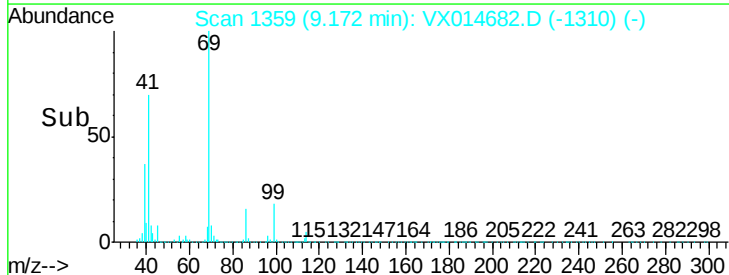
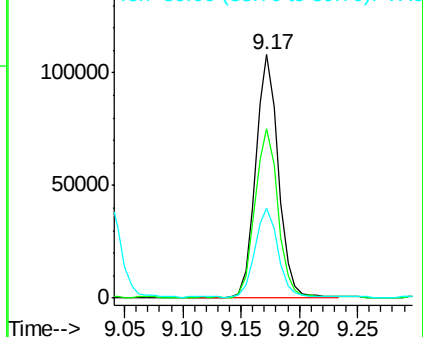


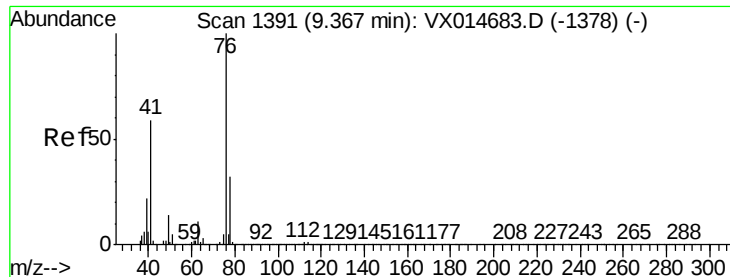
#56
 Ethyl methacrylate
 Concen: 20.06 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion:	69	Resp:	147622
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.9	82.3
39	37.5	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.91 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

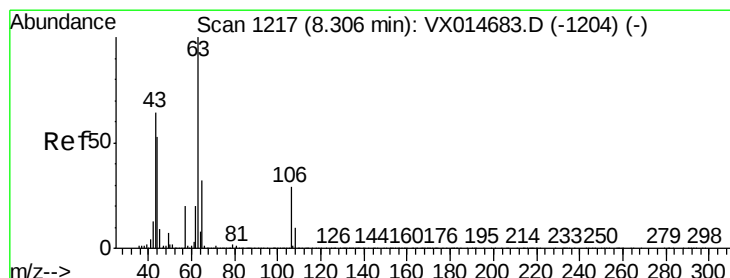
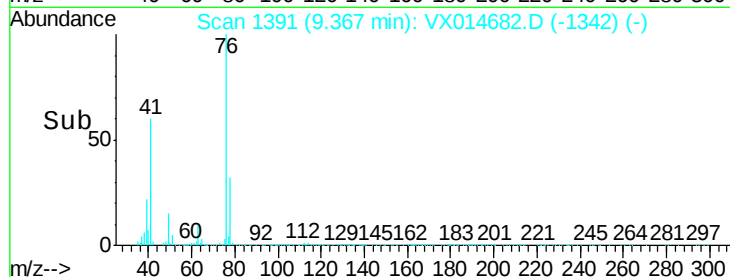
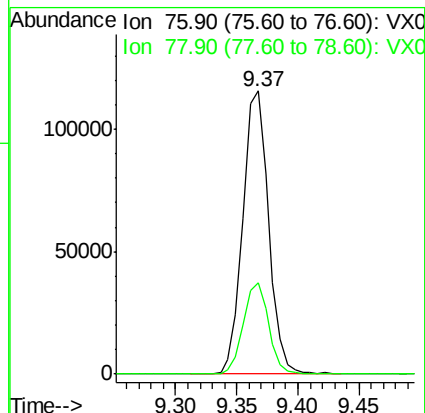
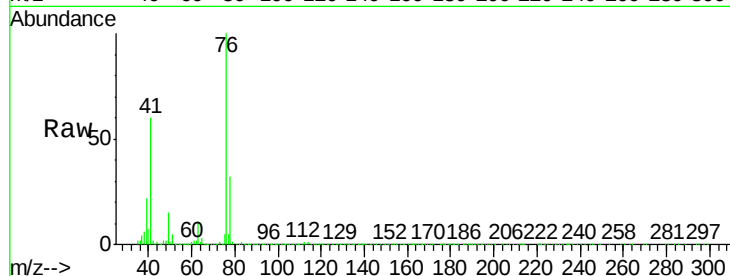
VSTDIC020

Tgt Ion: 76 Resp: 169072

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.88 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014682.D

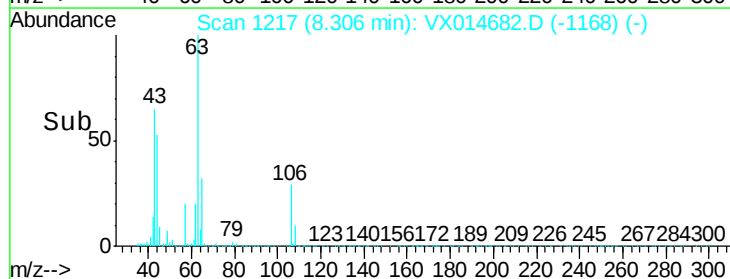
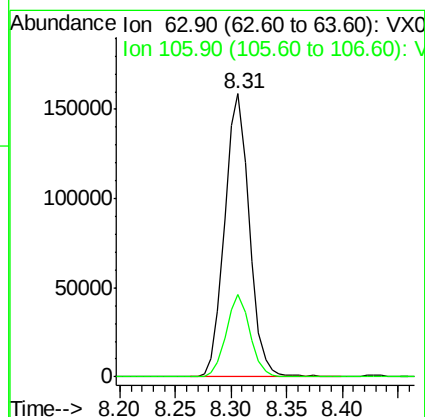
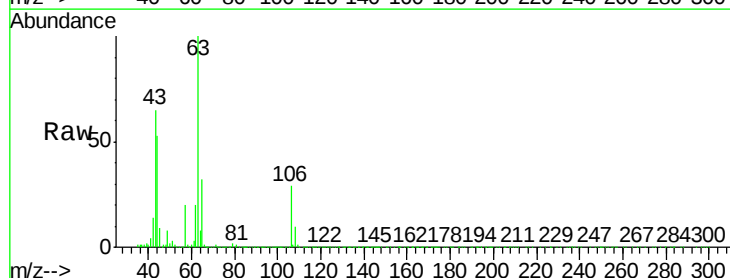
Acq: 22 Jan 2020 11:04

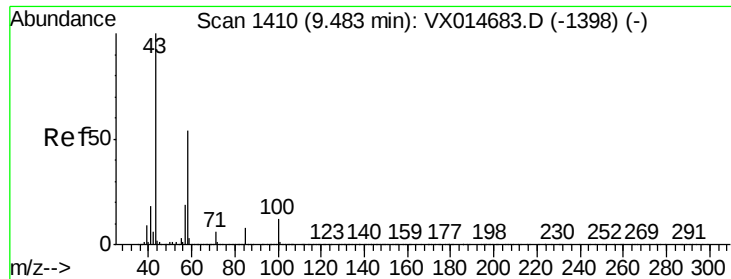
Tgt Ion: 63 Resp: 242856

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1

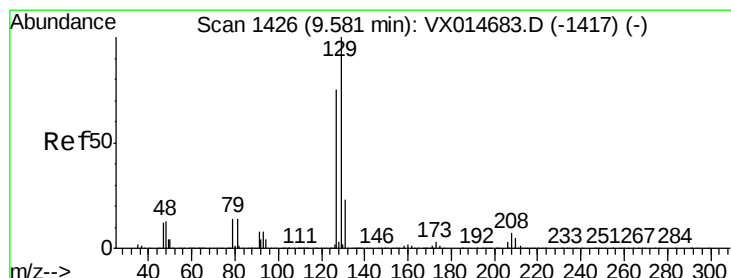
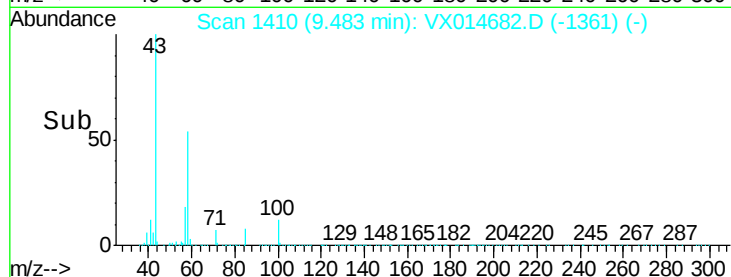
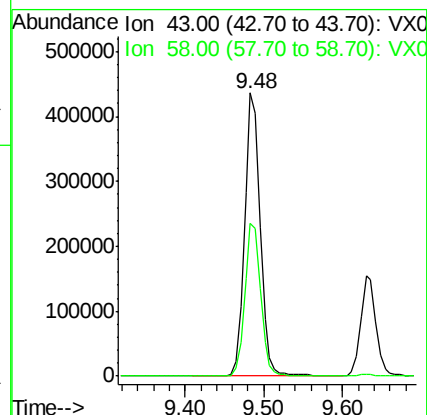
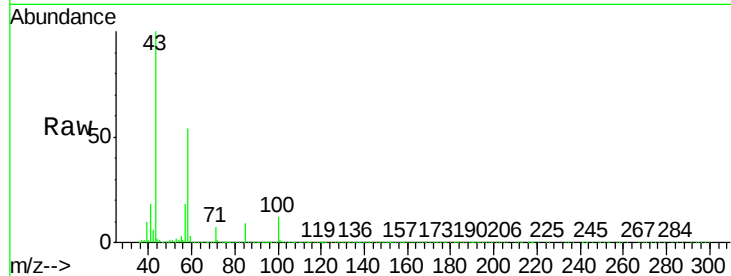




#59
2-Hexanone
Concen: 111.84 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

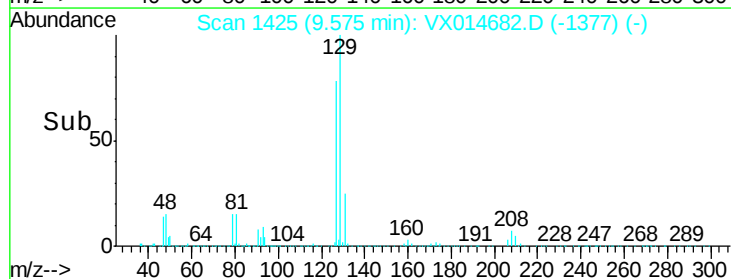
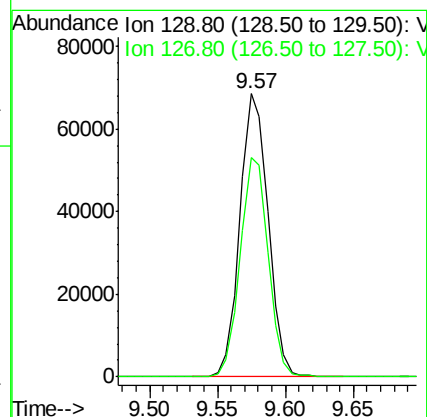
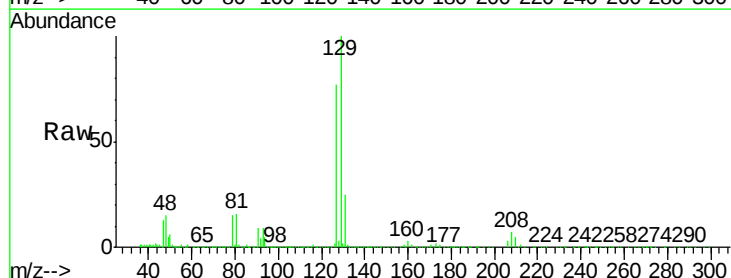
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

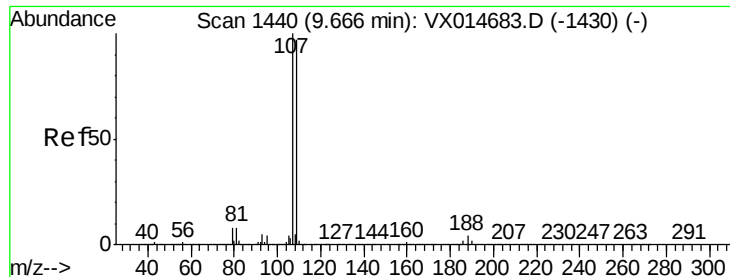
Tgt Ion: 43 Resp: 599490
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5



#60
Dibromochloromethane
Concen: 20.40 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 129 Resp: 98803
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

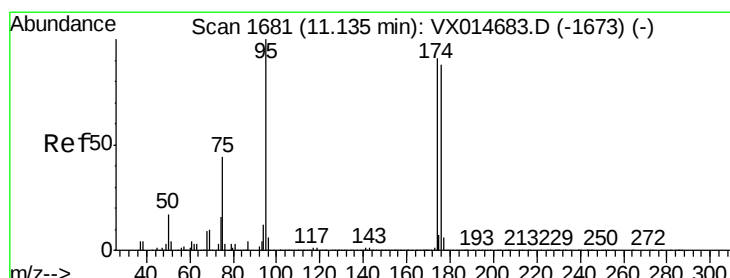
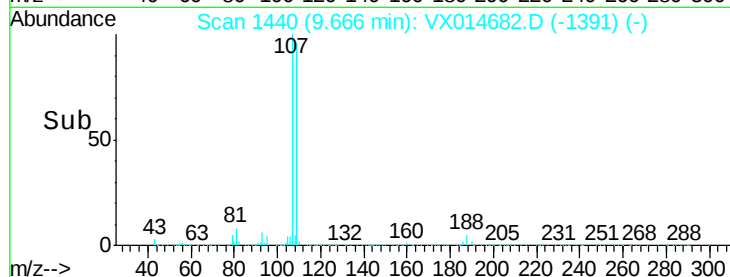
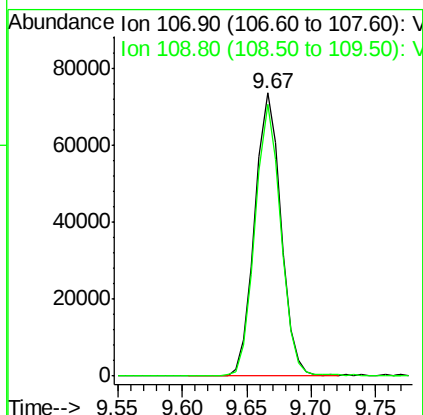
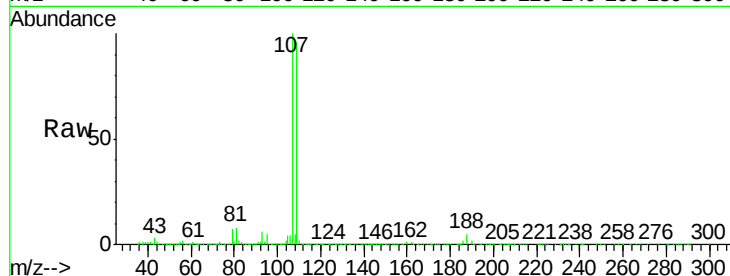




#61
 1,2-Dibromoethane
 Concen: 20.24 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

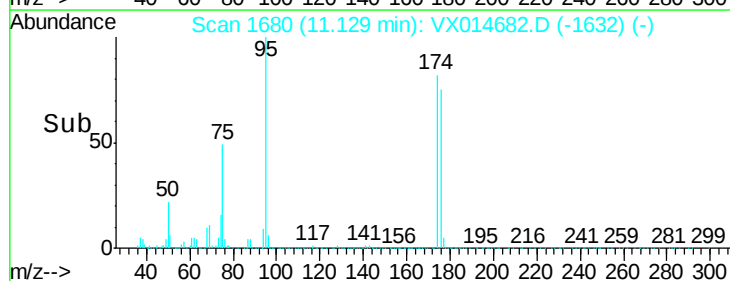
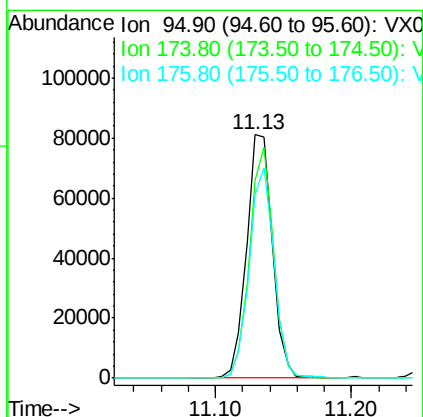
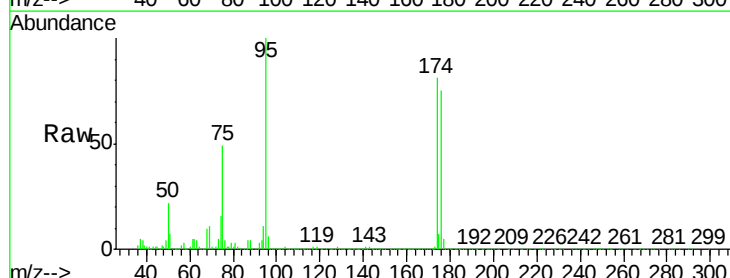
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

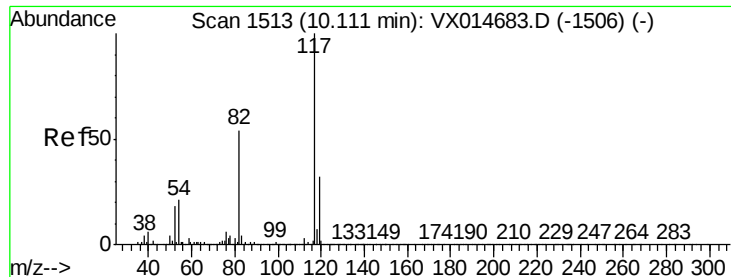
Tgt Ion: 107 Resp: 103327
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 18.78 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion: 95 Resp: 108091
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 176.0
 176 83.4 0.0 172.2

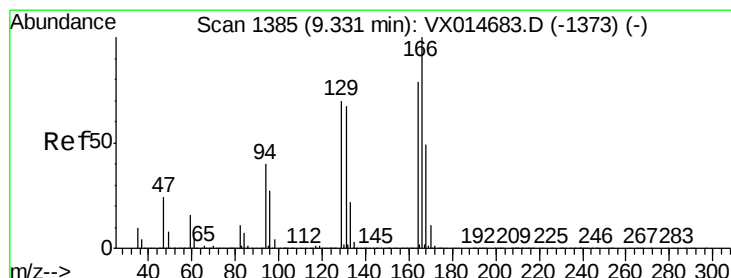
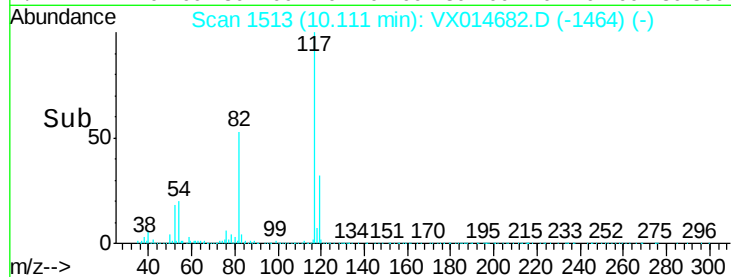
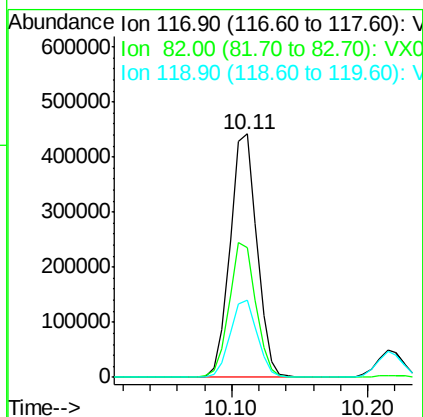
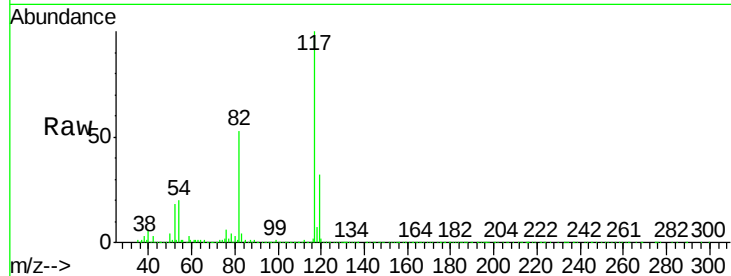




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

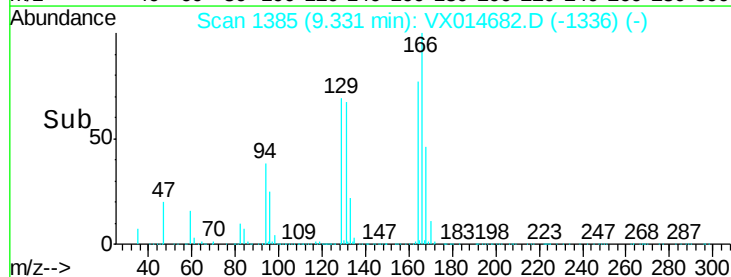
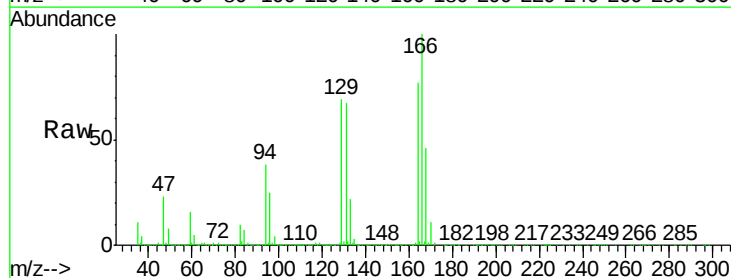
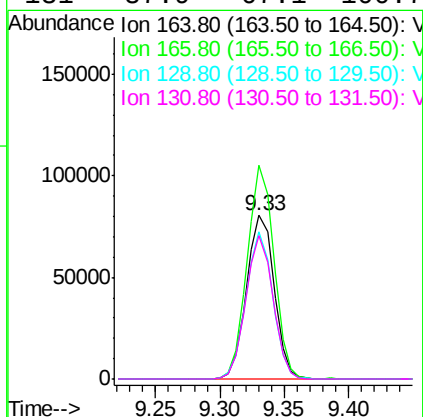
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.2	64.8
119	31.9	25.8	38.6



#64
Tetrachloroethene
Concen: 19.38 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	100.9	151.3
129	89.7	71.0	106.6
131	87.9	67.1	100.7





#65

Chlorobenzene

Concen: 19.49 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

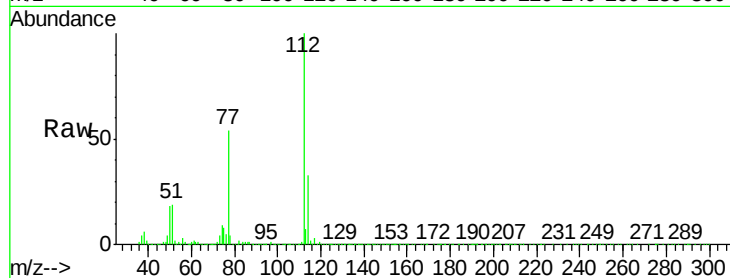
VSTDIC020

Tgt Ion:112 Resp: 258003

Ion Ratio Lower Upper

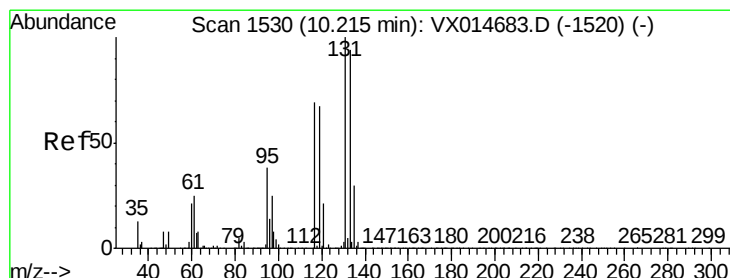
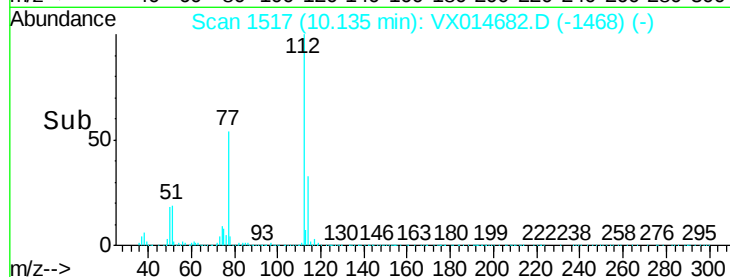
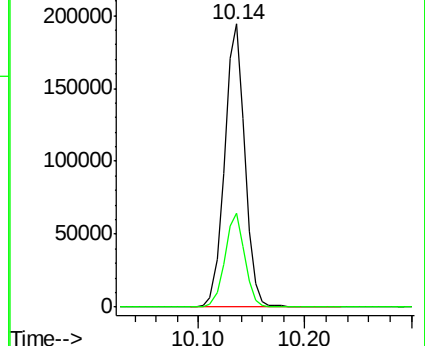
112 100

114 33.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.13 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

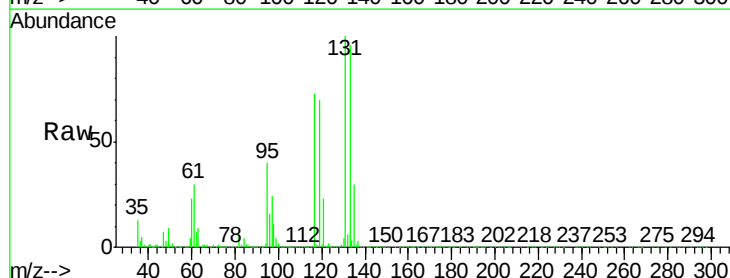
Tgt Ion:131 Resp: 95096

Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.3

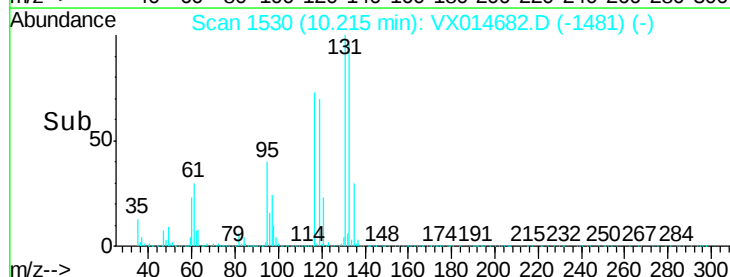
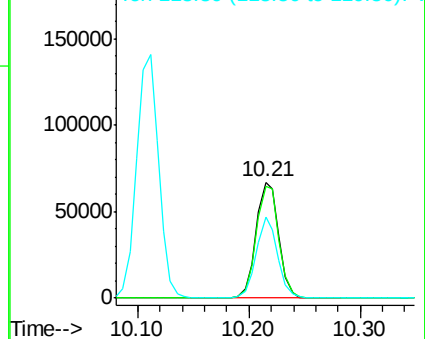
119 64.9 33.3 99.8

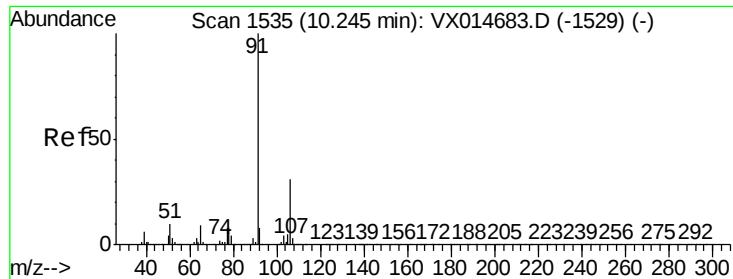


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.92 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

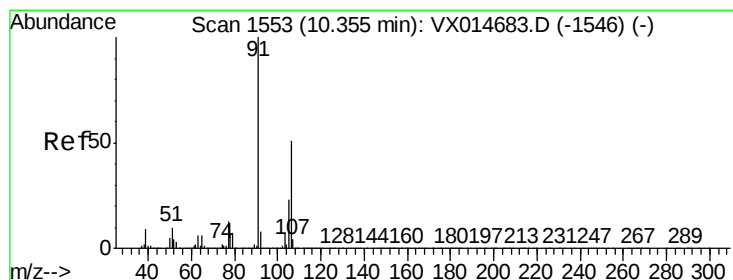
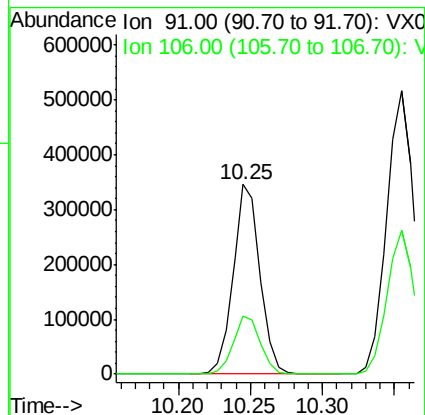
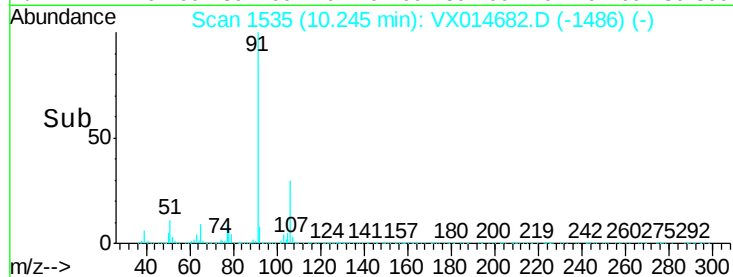
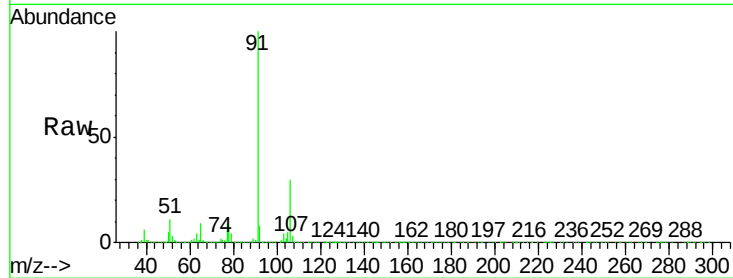
VSTDIC020

Tgt Ion: 91 Resp: 450379

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 39.86 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014682.D

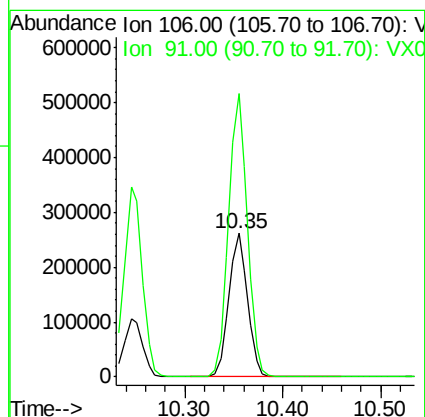
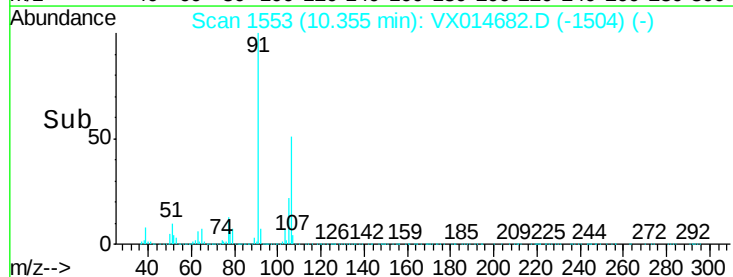
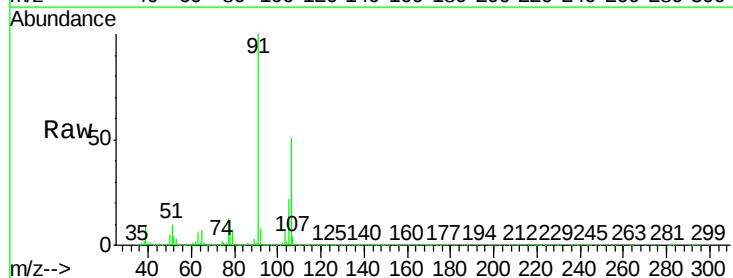
Acq: 22 Jan 2020 11:04

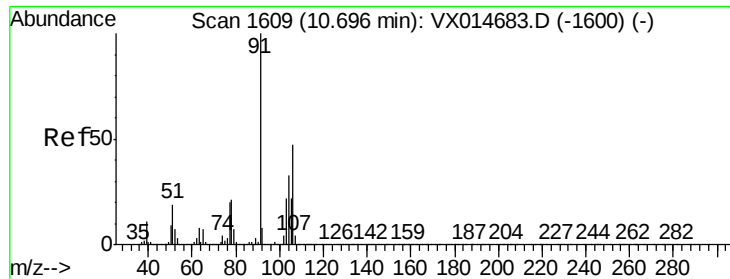
Tgt Ion: 106 Resp: 347401

Ion Ratio Lower Upper

106 100

91 197.8 159.4 239.2

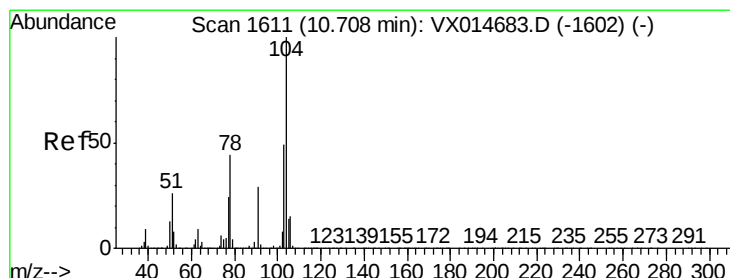
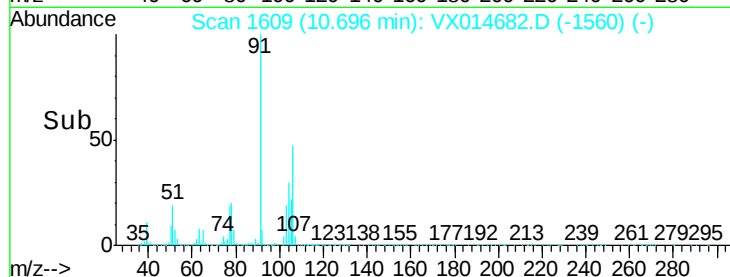
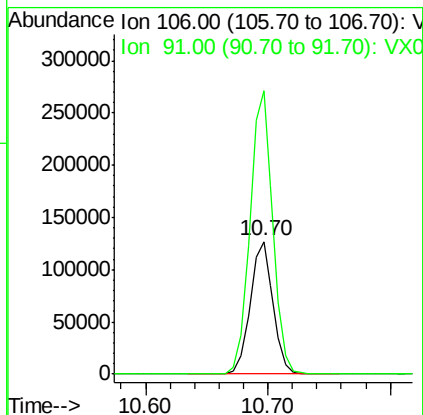
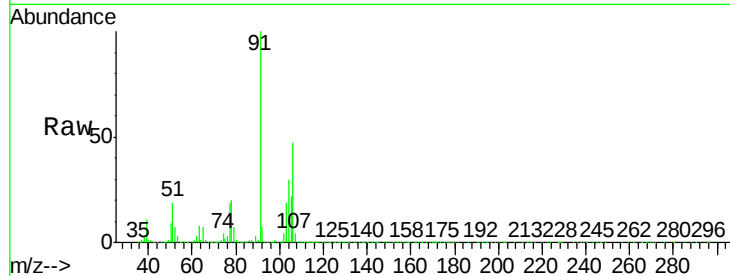




#69
o-Xylene
Concen: 19.71 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

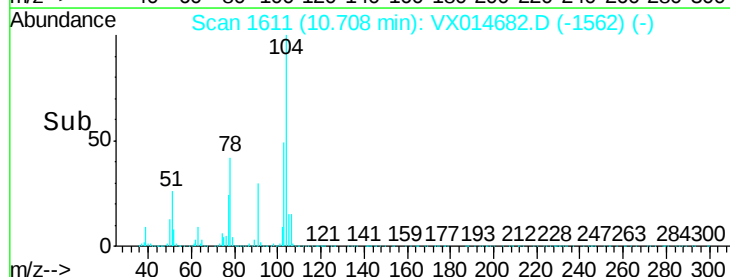
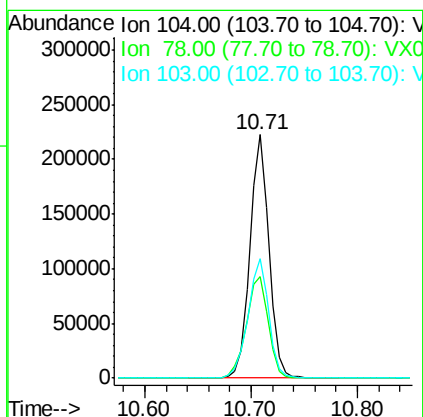
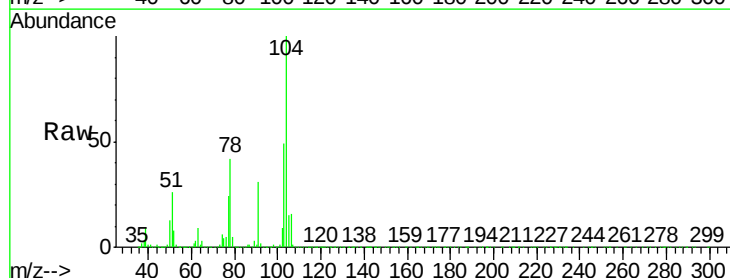
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

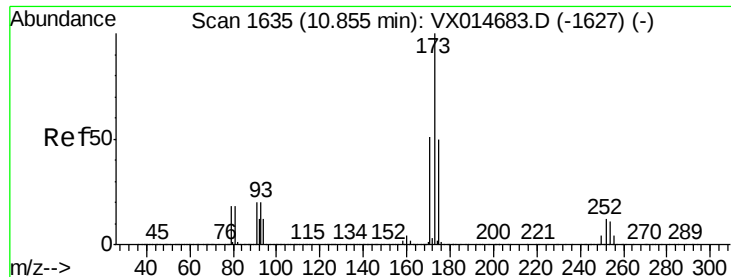
Tgt Ion:106 Resp: 163819
Ion Ratio Lower Upper
106 100
91 212.9 106.2 318.6



#70
Styrene
Concen: 19.44 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion:104 Resp: 278789
Ion Ratio Lower Upper
104 100
78 48.2 39.3 58.9
103 53.7 43.5 65.3





#71

Bromoform

Concen: 19.22 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

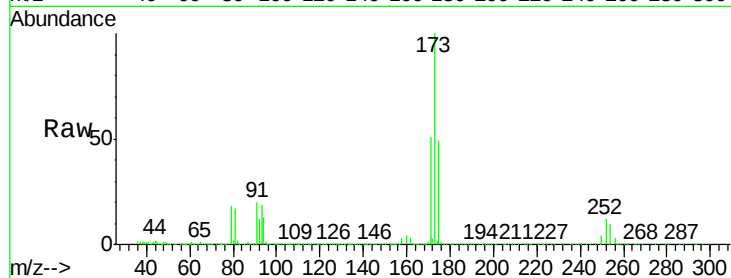
Tgt Ion:173 Resp: 73877

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

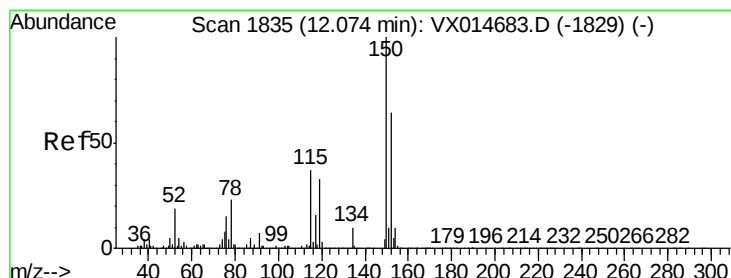
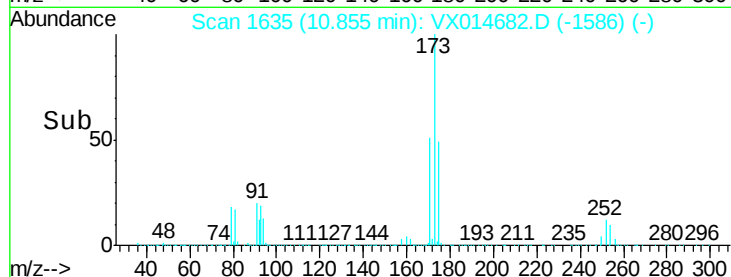
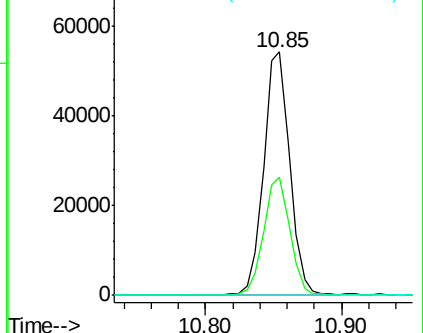
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

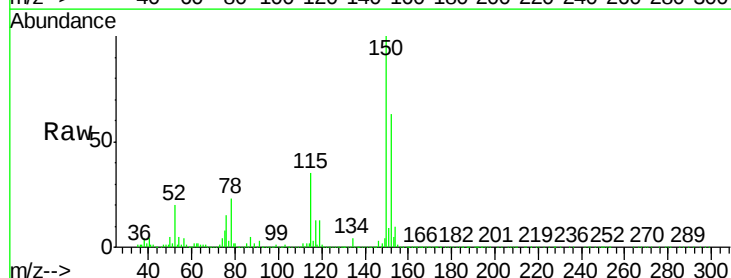
Tgt Ion:152 Resp: 298264

Ion Ratio Lower Upper

152 100

115 64.6 39.4 118.1

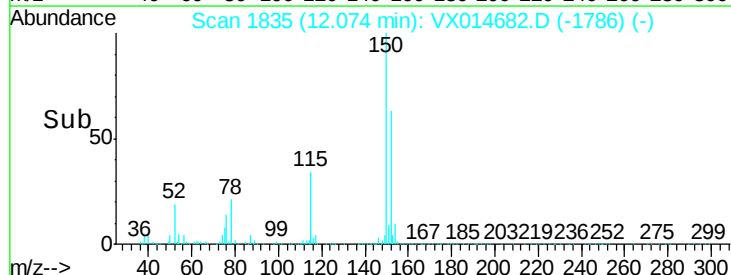
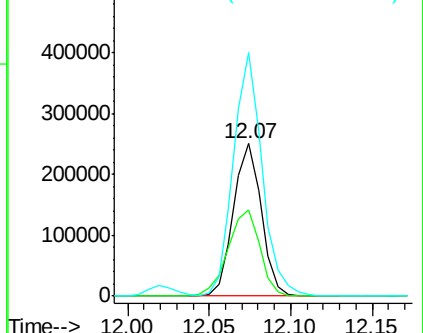
150 164.1 0.0 351.2

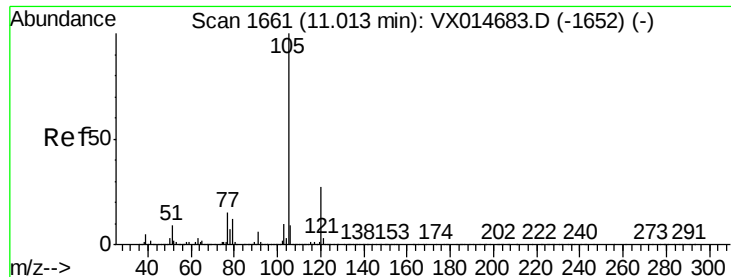


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.73 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

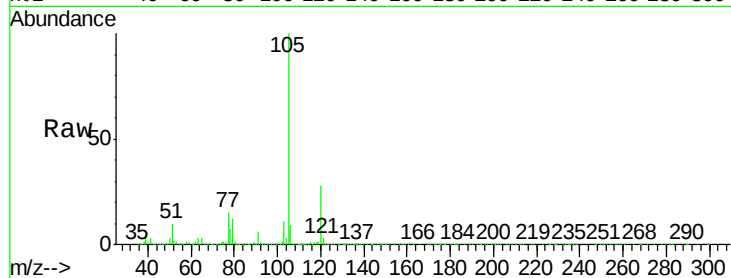
VSTDIC020

Tgt Ion: 105 Resp: 437704

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

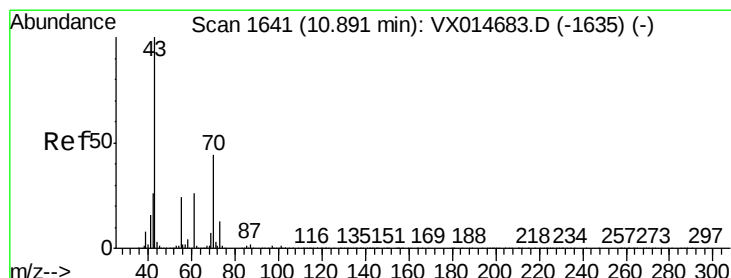
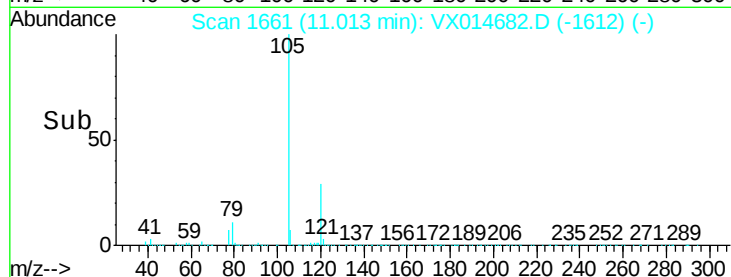
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.43 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Tgt Ion: 43 Resp: 189878

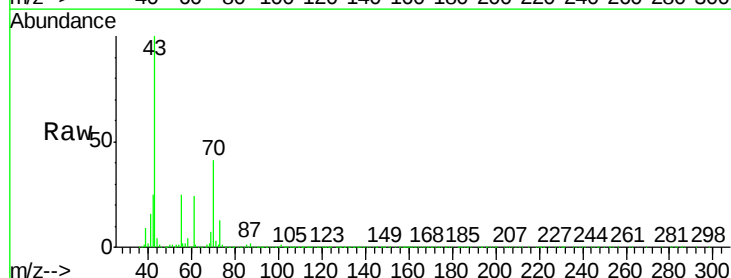
Ion Ratio Lower Upper

43 100

70 41.9 34.6 52.0

55 25.4 19.4 29.2

61 24.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

250000

200000

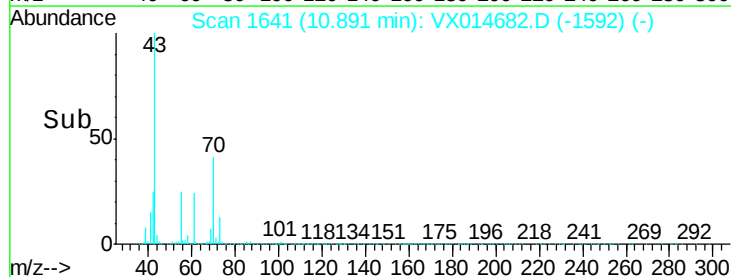
150000

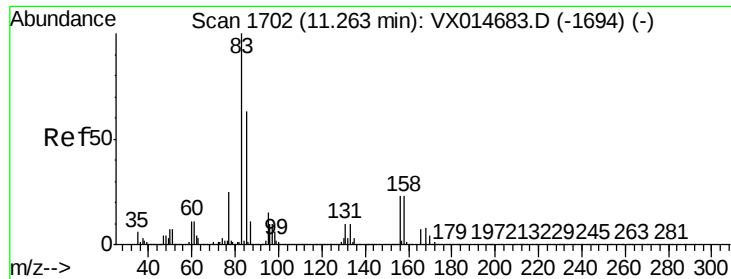
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.65 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

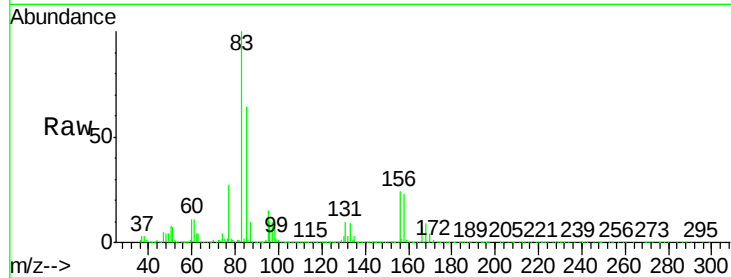
Tgt Ion: 83 Resp: 147441

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

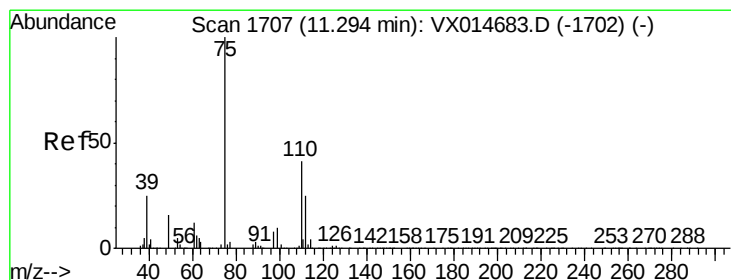
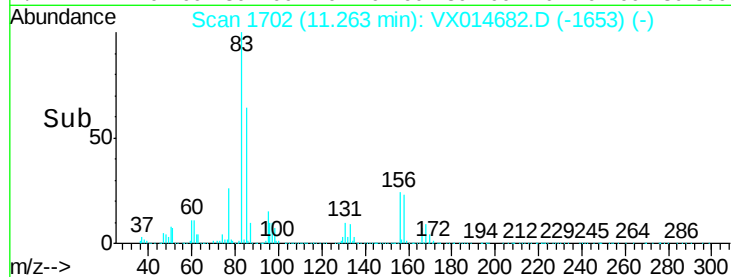
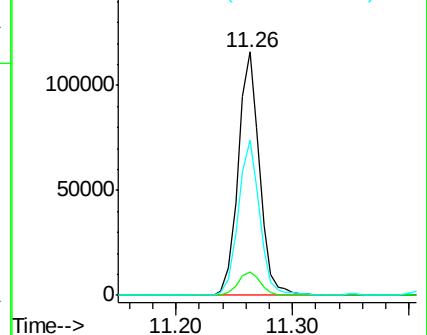
85 63.8 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.78 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014682.D

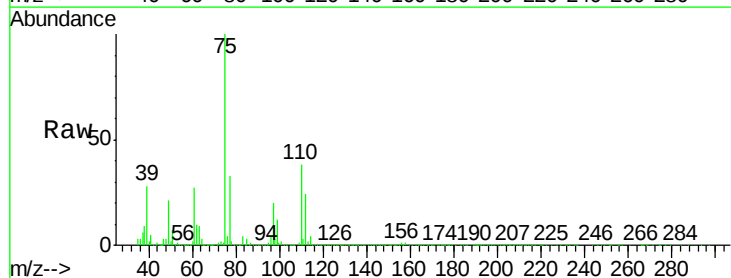
Acq: 22 Jan 2020 11:04

Tgt Ion: 75 Resp: 171622

Ion Ratio Lower Upper

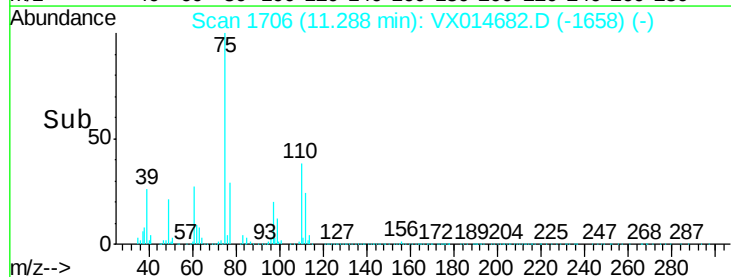
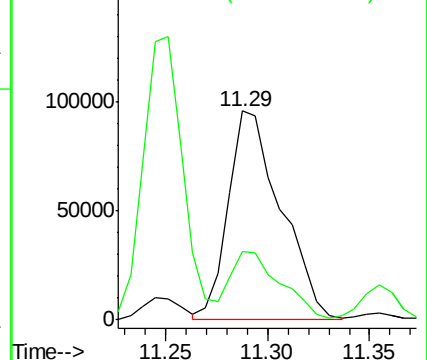
75 100

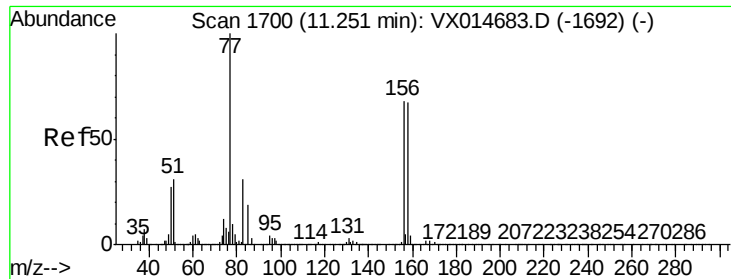
77 30.6 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

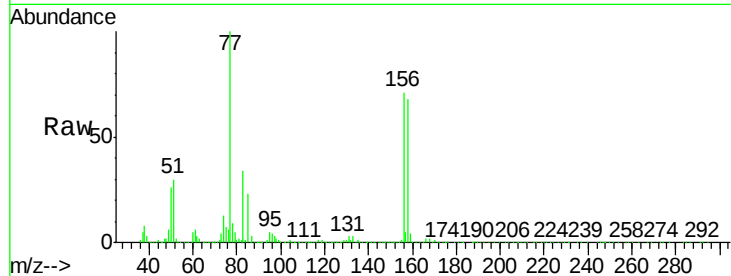
Tgt Ion: 156 Resp: 115119

Ion Ratio Lower Upper

156 100

77 153.0 77.5 232.5

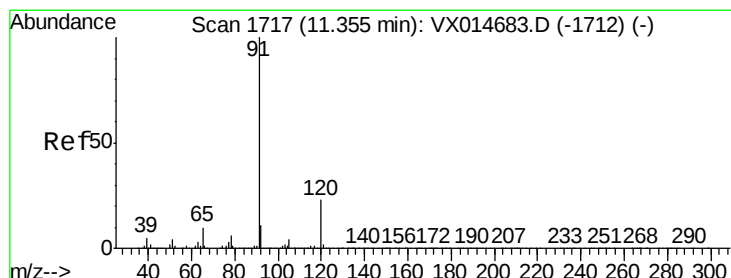
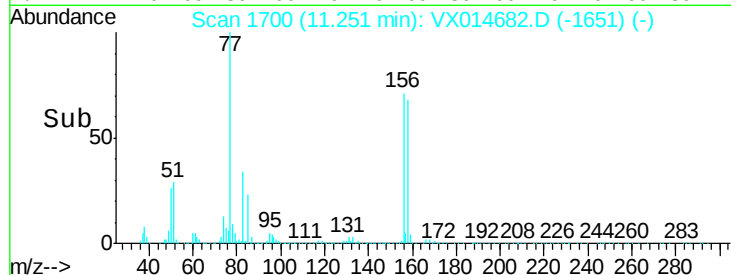
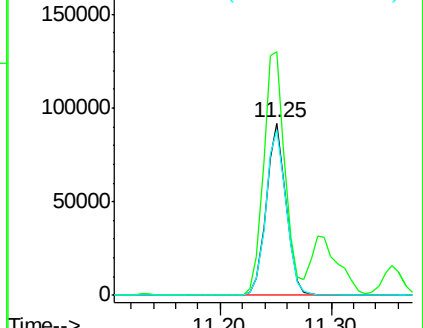
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.57 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014682.D

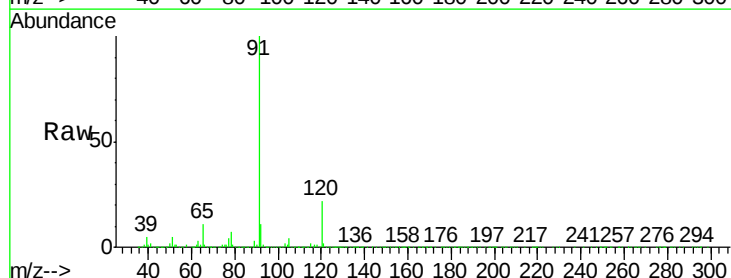
Acq: 22 Jan 2020 11:04

Tgt Ion: 91 Resp: 497895

Ion Ratio Lower Upper

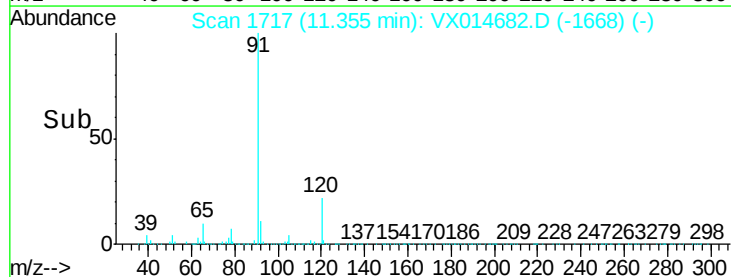
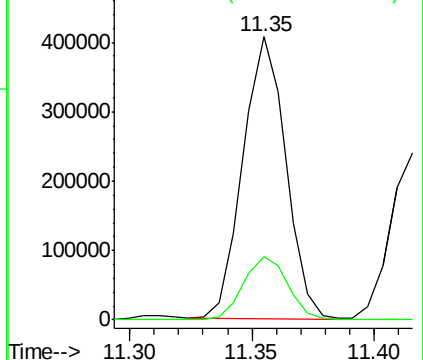
91 100

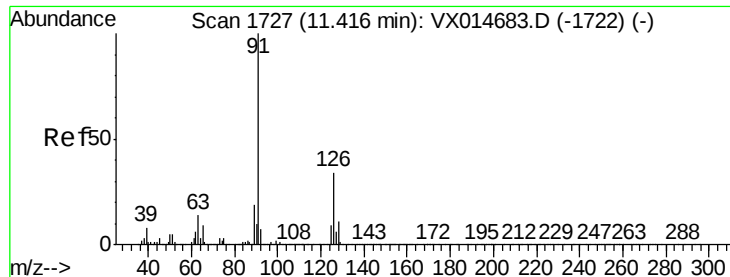
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.64 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

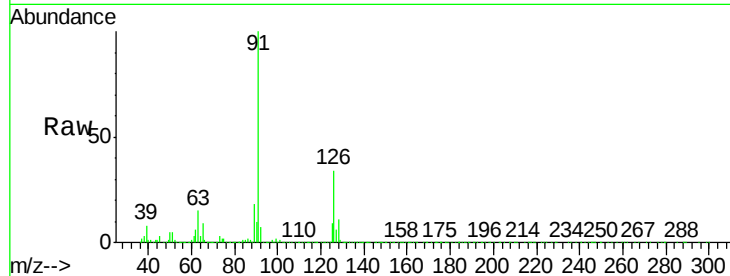
VSTDIC020

Tgt Ion: 91 Resp: 298011

Ion Ratio Lower Upper

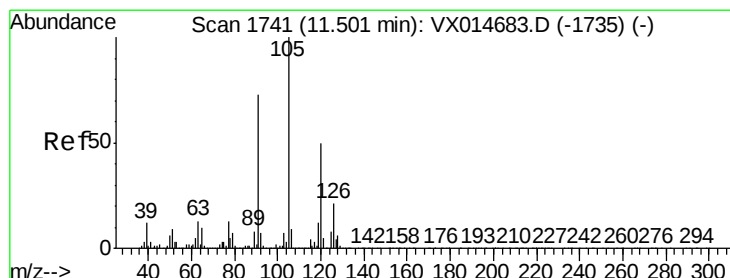
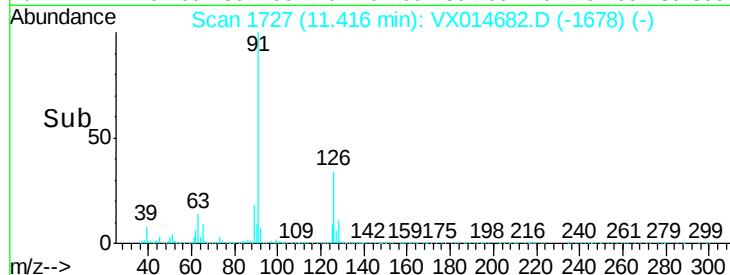
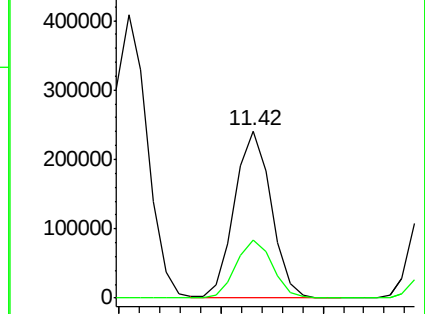
91 100

126 34.8 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VX014682.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014682.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.84 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014682.D

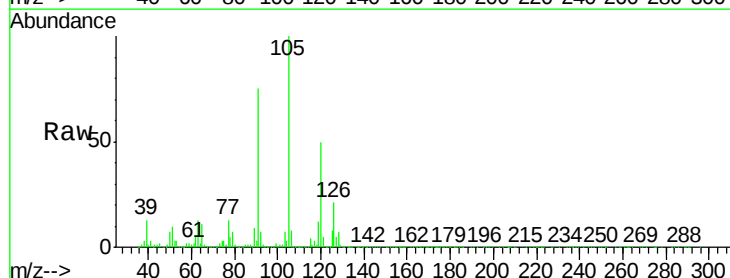
Acq: 22 Jan 2020 11:04

Tgt Ion: 105 Resp: 365932

Ion Ratio Lower Upper

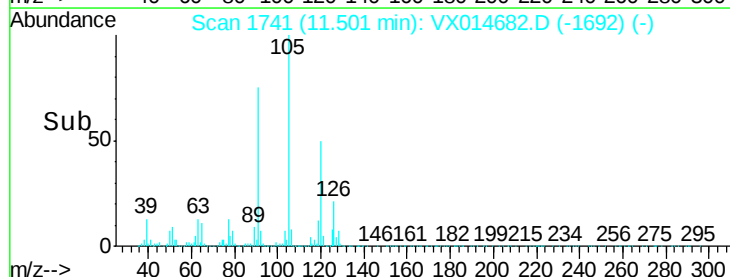
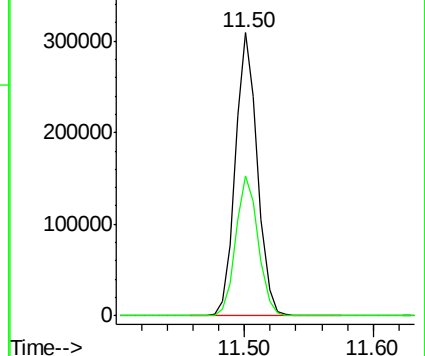
105 100

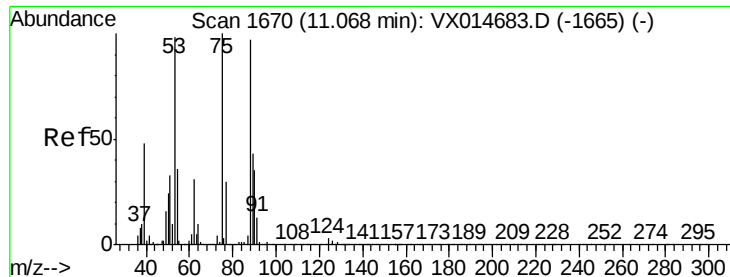
120 50.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX014682.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX014682.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.83 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

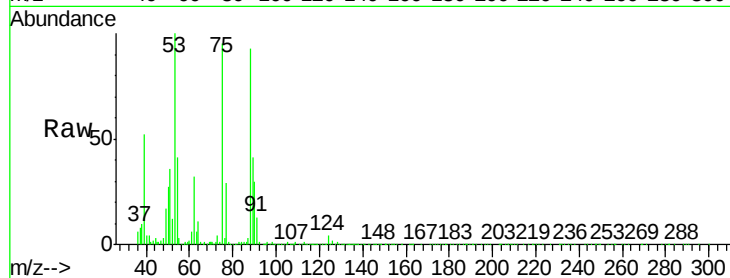
Tgt Ion: 75 Resp: 46495

Ion Ratio Lower Upper

75 100

53 106.0 78.8 118.2

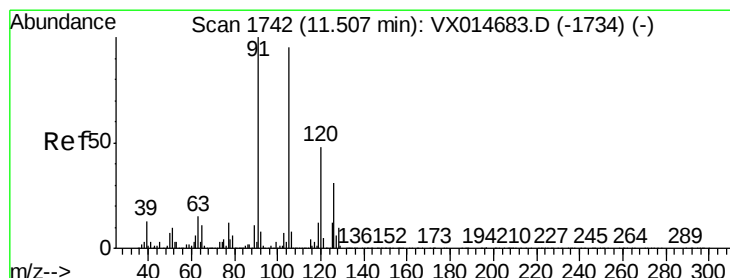
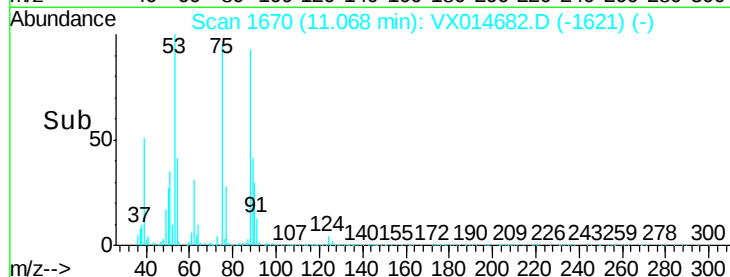
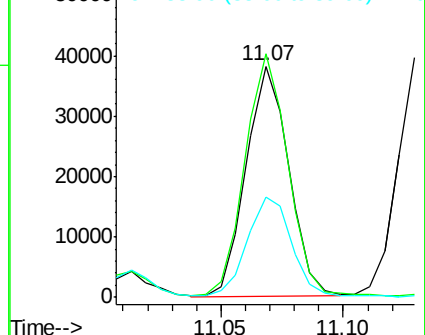
89 46.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.83 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014682.D

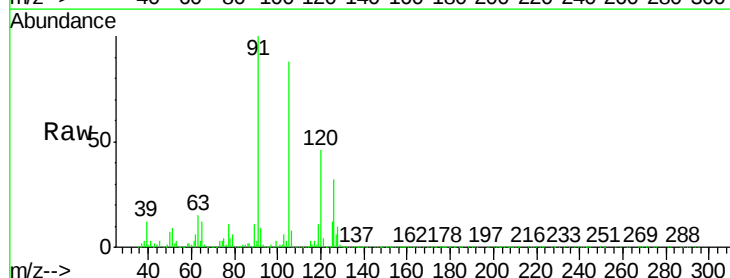
Acq: 22 Jan 2020 11:04

Tgt Ion: 91 Resp: 335642

Ion Ratio Lower Upper

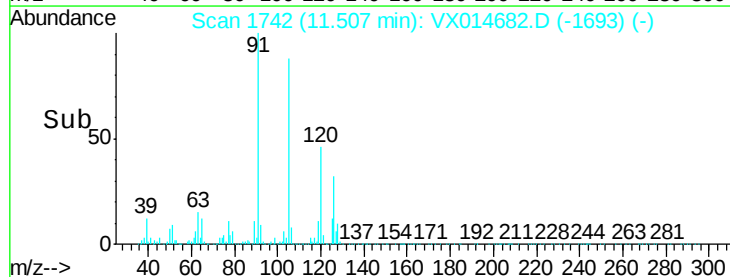
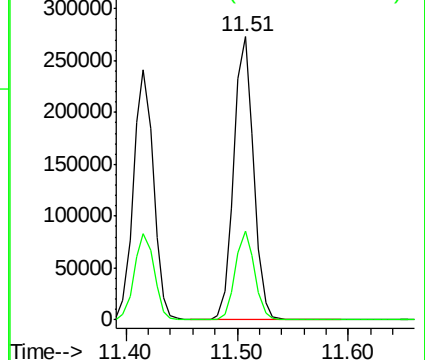
91 100

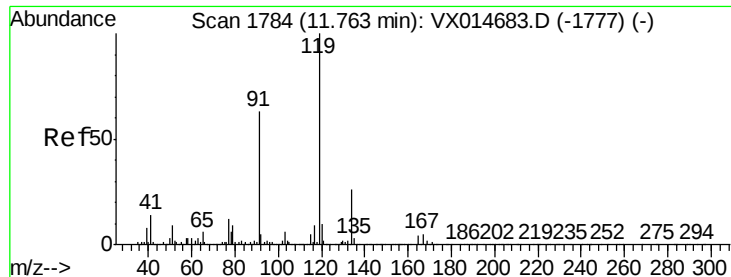
126 30.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

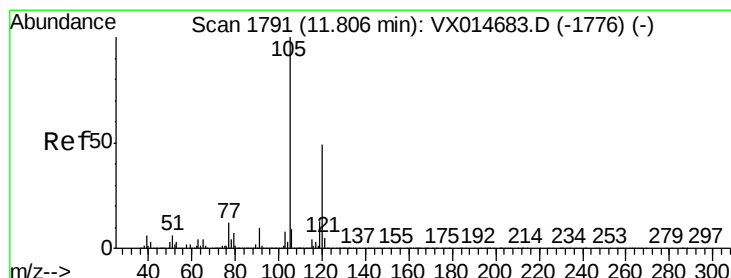
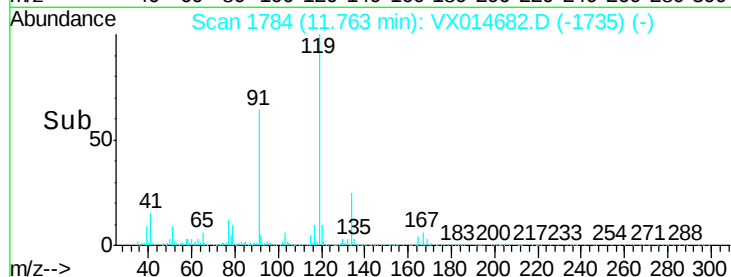
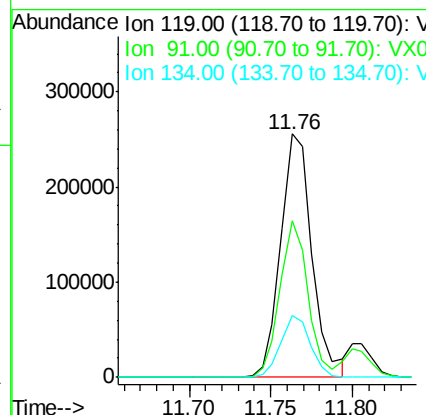
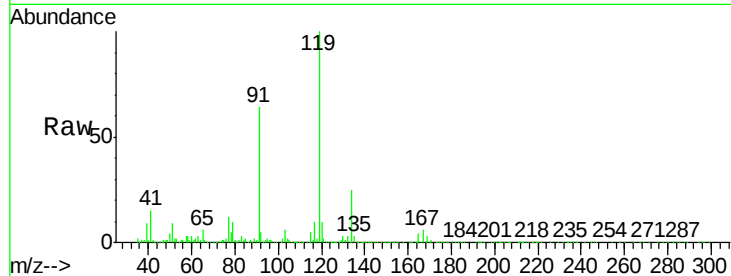




#83
 tert-Butylbenzene
 Concen: 20.75 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

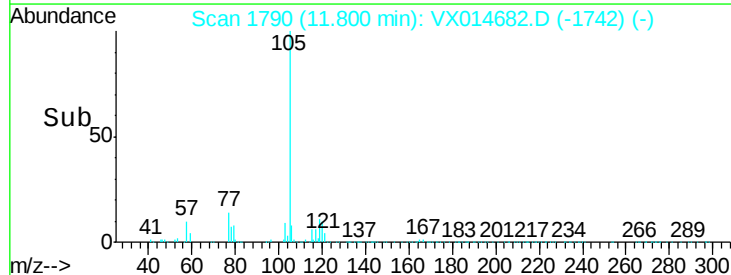
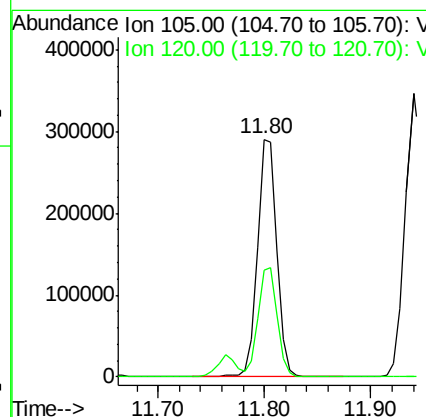
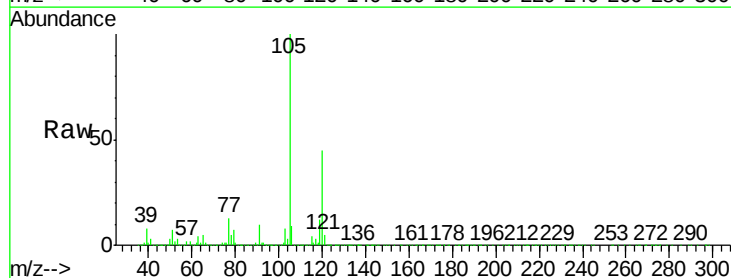
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 342617
 Ion Ratio Lower Upper
 119 100
 91 57.8 30.0 90.0
 134 23.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.81 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion:105 Resp: 368865
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.0

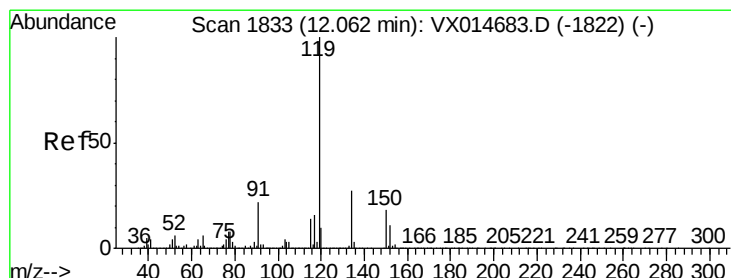
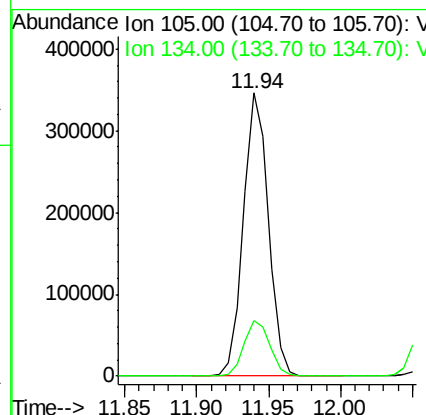
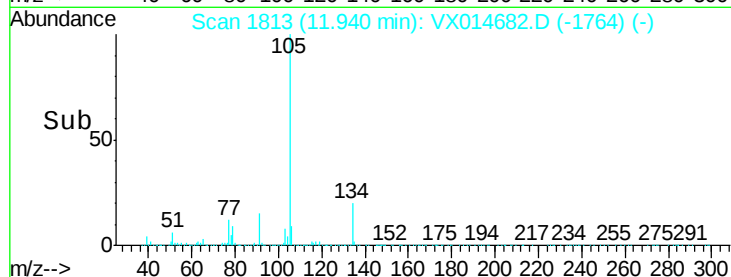
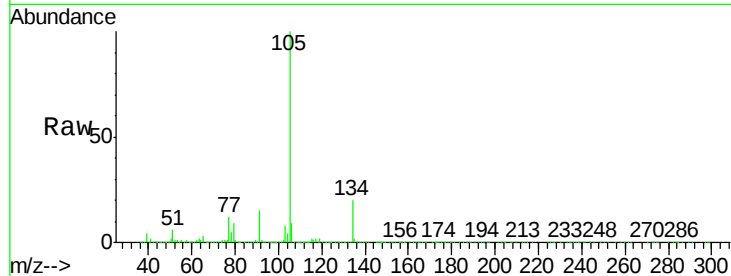




#85
 sec-Butylbenzene
 Concen: 20.25 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

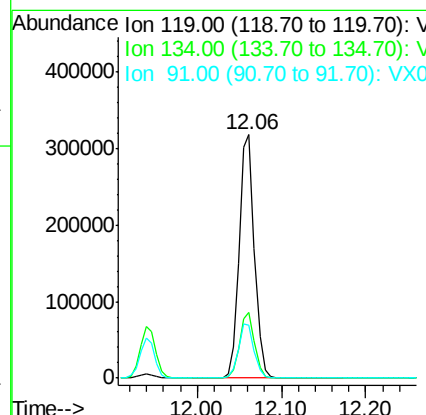
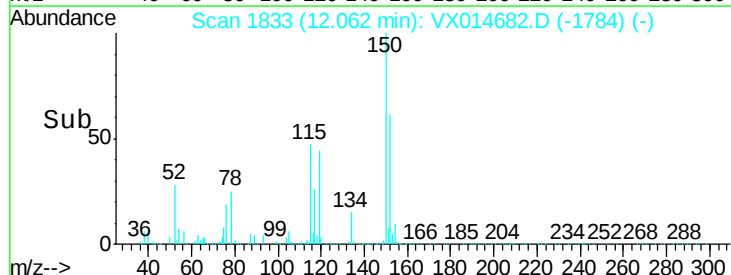
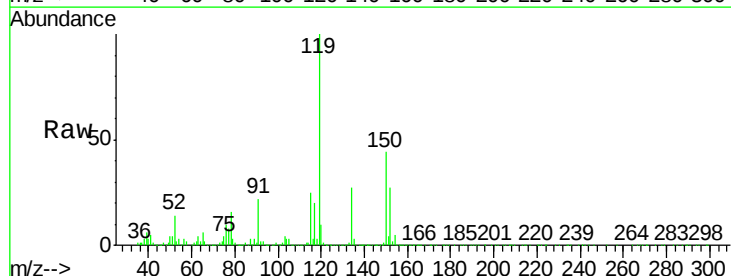
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

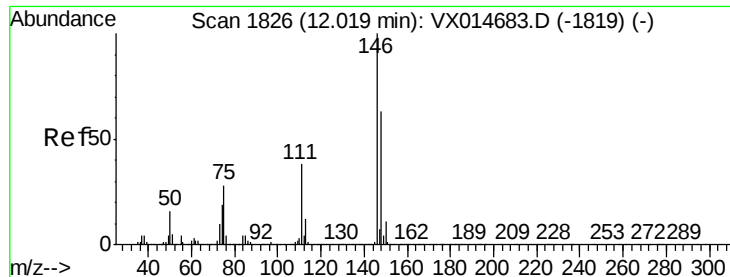
Tgt Ion:105 Resp: 416689
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.29 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion:119 Resp: 386753
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.6 11.3 33.8

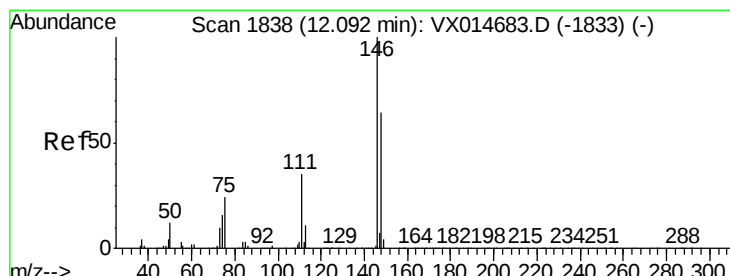
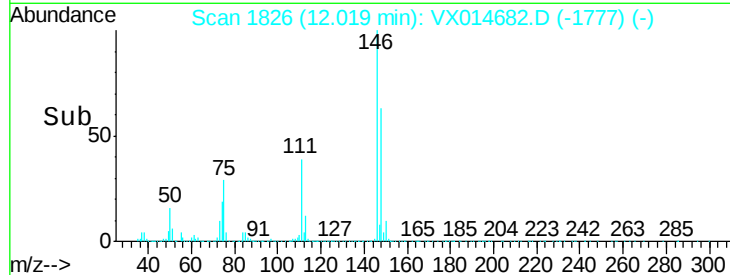
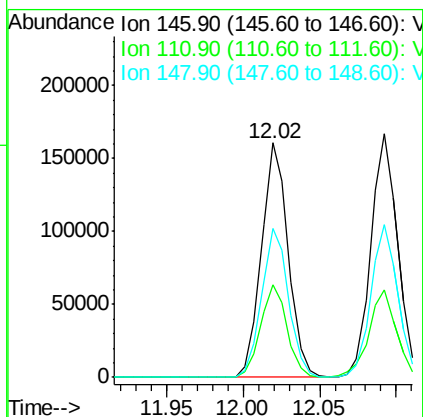
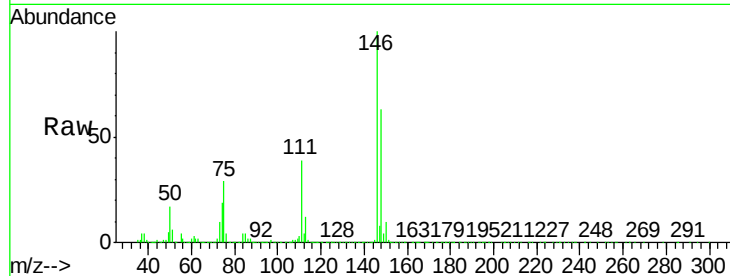




#87
 1,3-Dichlorobenzene
 Concen: 18.73 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

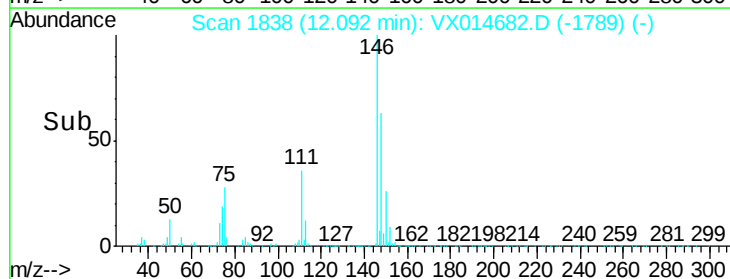
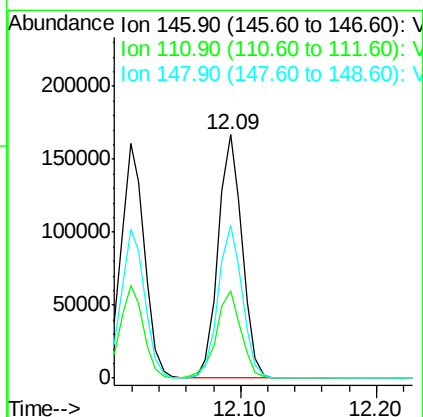
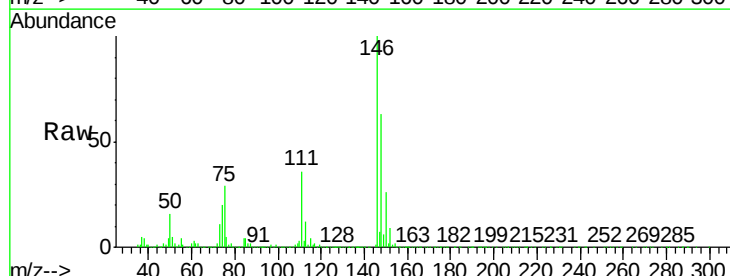
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

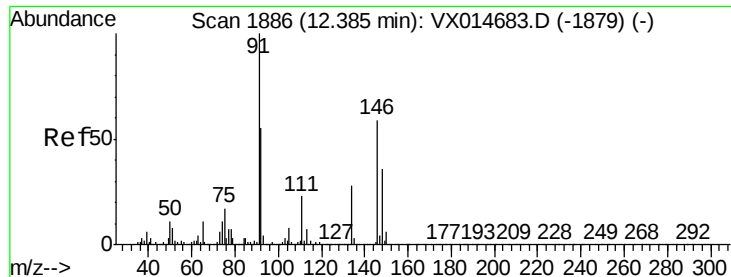
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.0	57.0
148	64.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.96 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.0	32.0	96.2

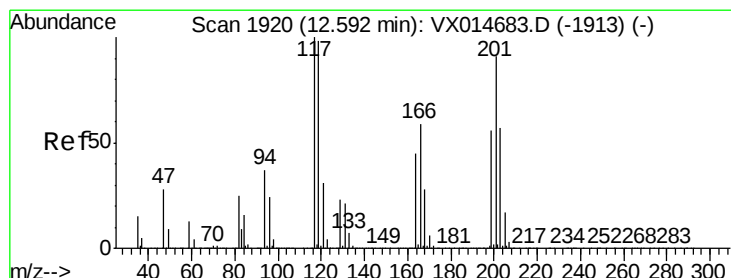
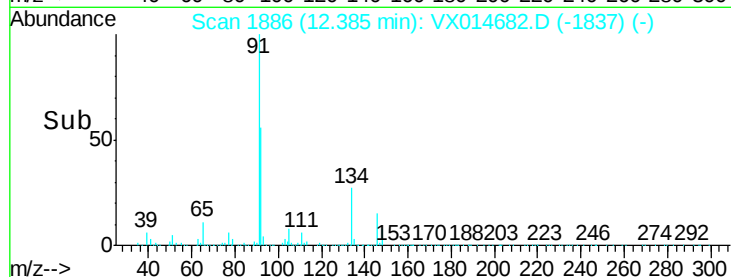
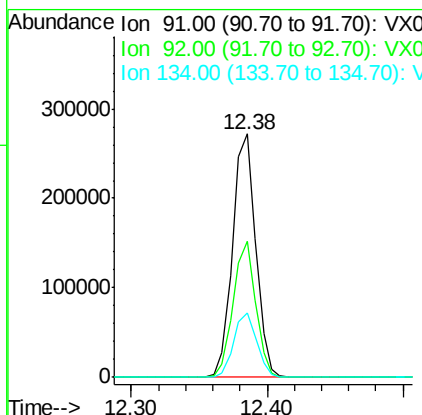
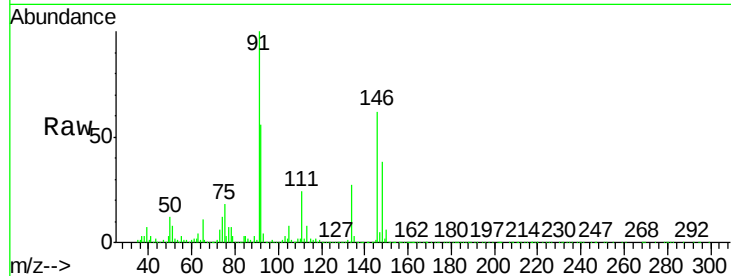




#89
n-Butylbenzene
Concen: 18.52 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

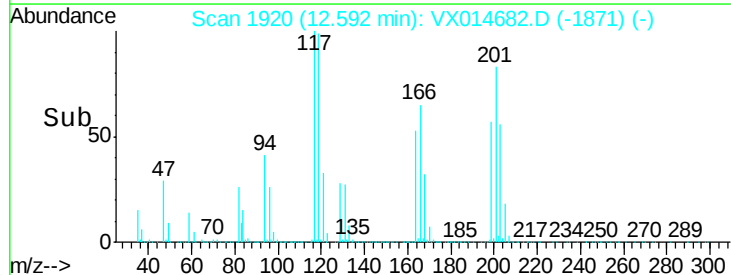
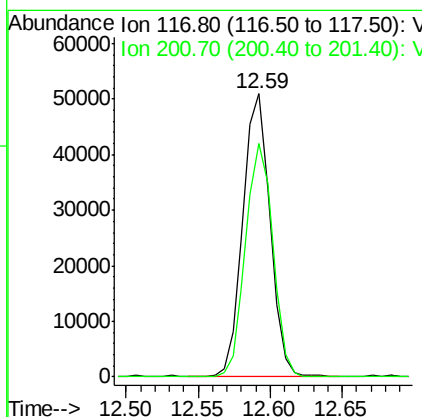
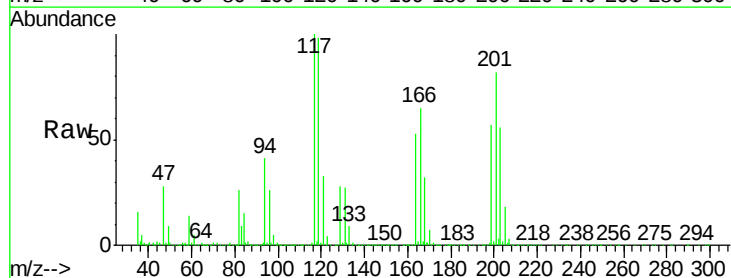
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

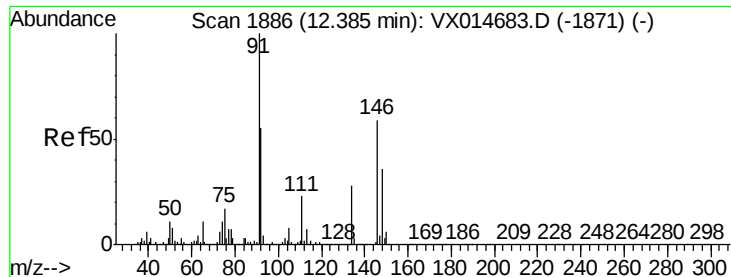
Tgt Ion: 91 Resp: 321446
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 19.89 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014682.D
Acq: 22 Jan 2020 11:04

Tgt Ion: 117 Resp: 66496
Ion Ratio Lower Upper
117 100
201 83.0 44.4 133.1

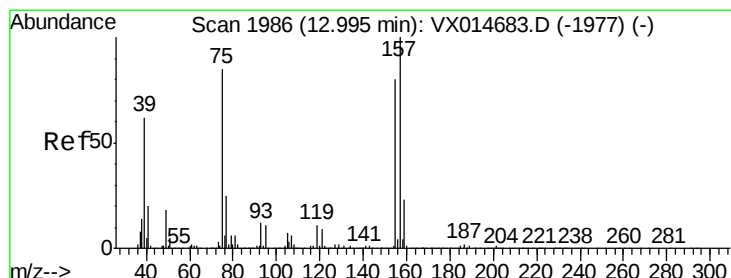
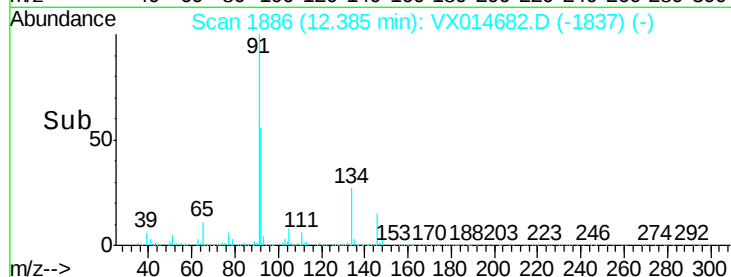
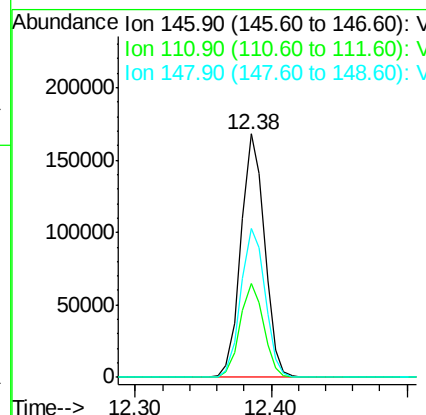
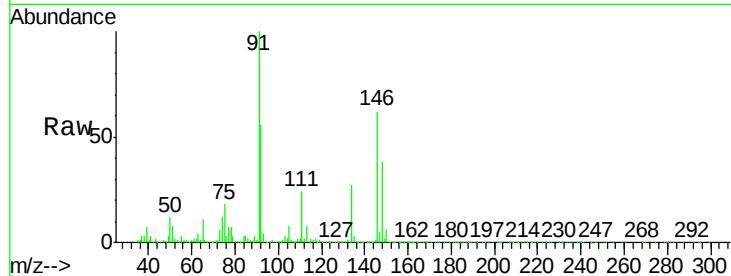




#91
 1,2-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

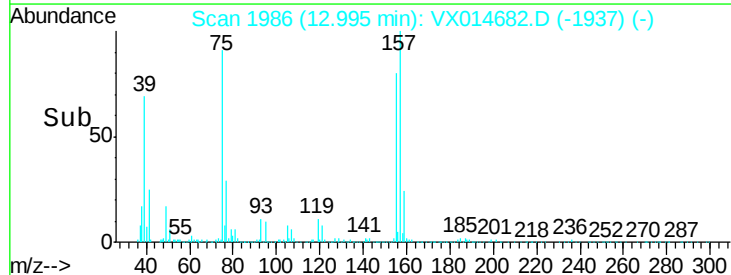
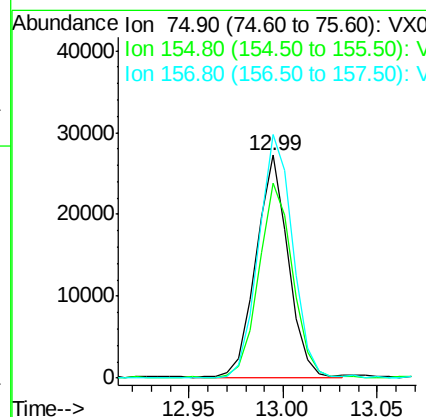
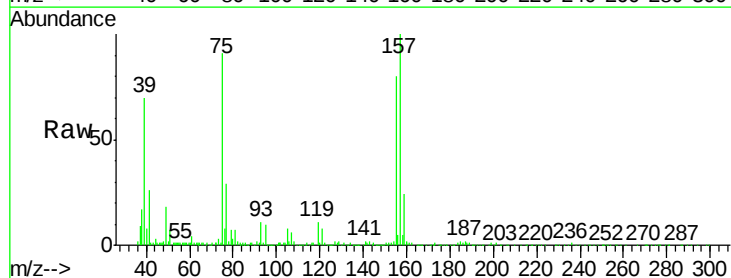
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 146 Resp: 203960
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.8
 148 63.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.50 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion: 75 Resp: 32569
 Ion Ratio Lower Upper
 75 100
 155 92.0 45.6 136.9
 157 114.0 60.3 180.9

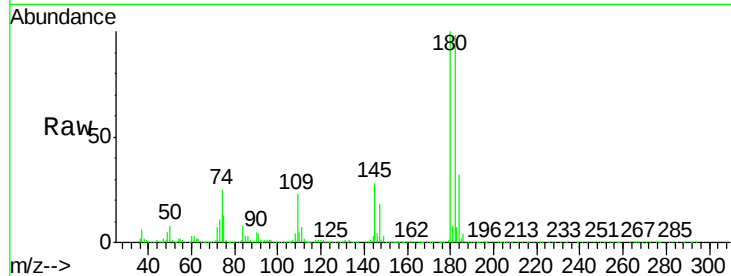




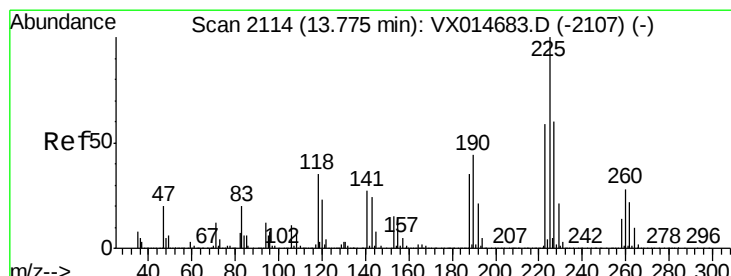
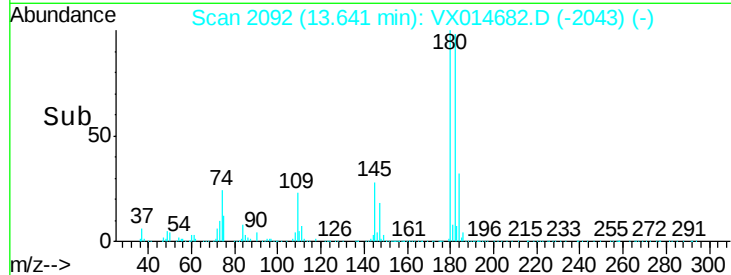
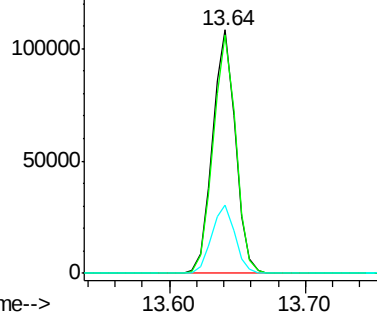
#93
 1,2,4-Trichlorobenzene
 Concen: 16.36 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.5	145.6
145	28.4	14.0	41.9

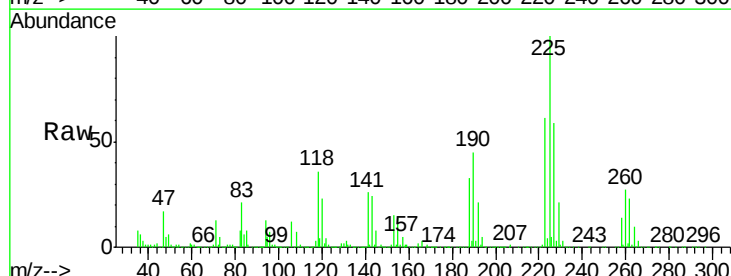


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

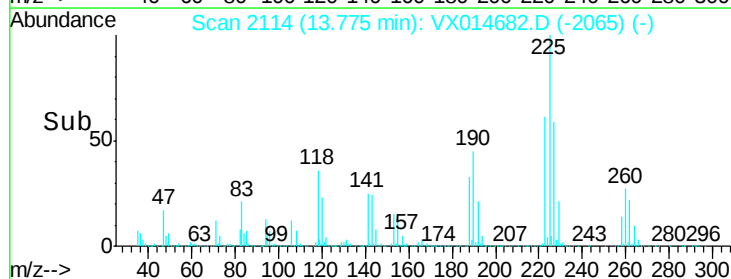
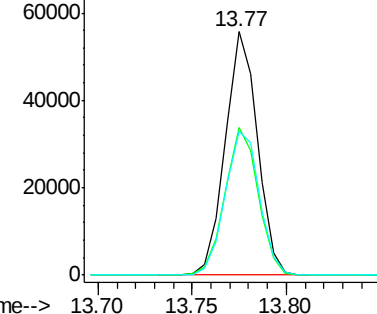


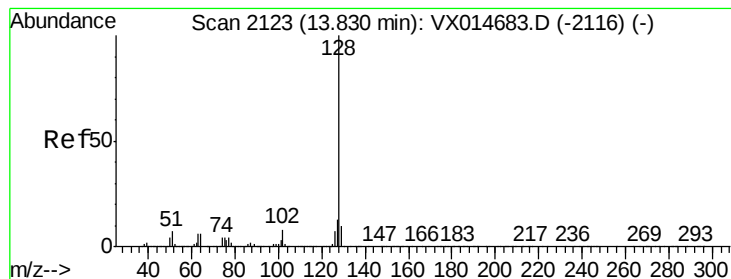
#94
 Hexachlorobutadiene
 Concen: 18.07 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014682.D
 Acq: 22 Jan 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.6	91.8
227	63.6	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.70 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

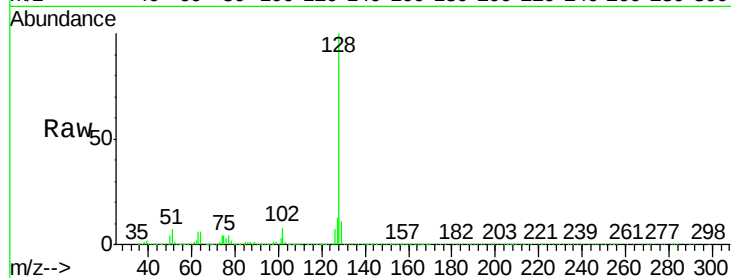
Tgt Ion:128 Resp: 390885

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

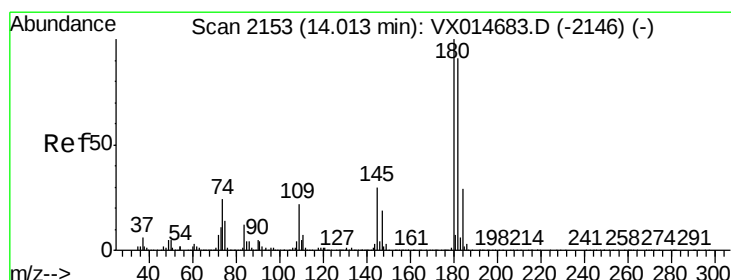
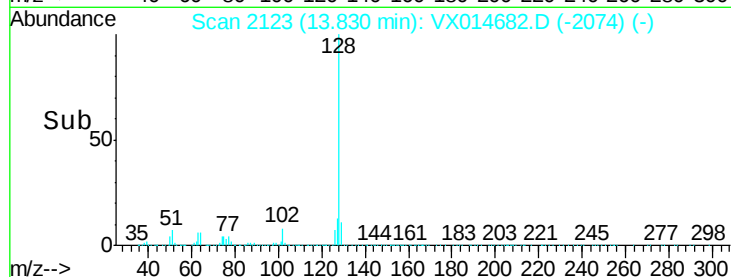
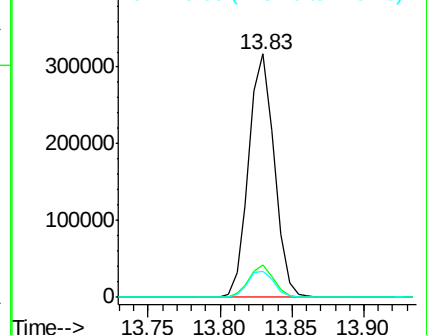
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.22 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014682.D

Acq: 22 Jan 2020 11:04

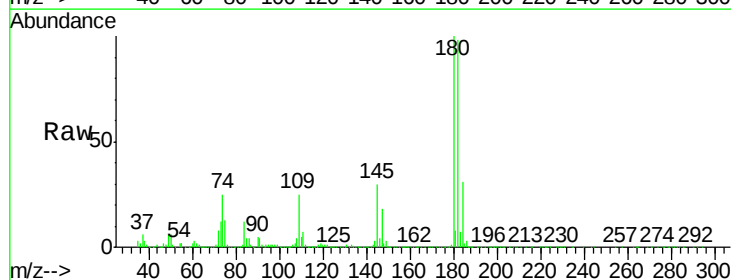
Tgt Ion:180 Resp: 130904

Ion Ratio Lower Upper

180 100

182 96.4 46.6 139.7

145 30.4 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

