

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
 Data File : VX014987.D
 Acq On : 21 Feb 2020 10:44
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 21 11:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	73964	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	411951	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	379282	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151488	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.14	95	180256	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	492426	28.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.37%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	476587	101.63	ug/l	96
3) Chloromethane	1.32	50	649592	123.18	ug/l	98
4) Vinyl Chloride	1.41	62	694964	118.10	ug/l	100
5) Bromomethane	1.63	94	511766	133.14	ug/l	99
6) Chloroethane	1.71	64	447965	131.16	ug/l	100
7) Trichlorofluoromethane	1.92	101	997721	144.84	ug/l	99
8) Diethyl Ether	2.18	74	431654	144.18	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	579595	144.42	ug/l	99
10) 1,1-Dichloroethene	2.37	96	598833	148.11	ug/l	97
11) Methyl Iodide	2.50	142	821877	155.26	ug/l	100
12) Methyl Acetate	2.76	43	743791	108.55	ug/l	97
13) Acrolein	2.28	56	740682	920.59	ug/l	100
14) Acrylonitrile	3.13	53	1719068	705.03	ug/l	100
15) Acetone	2.44	58	557828	668.59	ug/l	98
16) Carbon Disulfide	2.56	76	1639703	148.51	ug/l	99
17) Allyl chloride	2.72	41	1053909	142.44	ug/l	98
18) Methylene Chloride	2.85	84	666426	141.26	ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	643013	147.18	ug/l	97
20) Diisopropyl ether	3.84	45	2098970	142.27	ug/l	95
21) 1,1-Dichloroethane	3.69	63	1161614	145.22	ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	754885	149.74	ug/l	98
23) tert-Butyl Alcohol	3.04	59	692794	686.04	ug/l	# 100
24) Methyl tert-Butyl Ether	3.19	73	1997733	148.71	ug/l	98
25) Chloroform	5.20	83	1150318	146.83	ug/l	98
26) Cyclohexane	5.58	56	1044416	141.97	ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	900820	151.22	ug/l	99
30) 2-Butanone	4.66	43	2532083	681.02	ug/l	98
31) 2,2-Dichloropropane	4.58	77	984725	153.43	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	1012610	152.65	ug/l	98
33) Carbon Tetrachloride	5.78	117	888099	155.17	ug/l	94
34) Benzene	6.14	78	2648158	144.62	ug/l	99
35) Methacrylonitrile	5.03	41	533519	144.36	ug/l	96
36) 1,2-Dichloroethane	6.18	62	933311	145.90	ug/l	99
37) Trichloroethene	7.21	130	762786	151.95	ug/l	96
38) Methylcyclohexane	7.46	83	1114738	150.74	ug/l	99
39) 1,2-Dichloropropane	7.51	63	693326	145.87	ug/l	100
40) Dibromomethane	7.65	93	461106	148.95	ug/l	97

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 ClientSampleId :
 VSTDICC150

Quant Time: Feb 21 11:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	946074	156.19	ug/l	100
42) Vinyl Acetate	3.81	43	9158888	780.31	ug/l	98
43) Ethyl Acetate	4.82	43	951795	142.06	ug/l	97
44) Isopropyl Acetate	6.43	43	1625529	149.00	ug/l	98
45) 1,4-Dioxane	7.73	88	294606	2749.40	ug/l	99
46) Methyl methacrylate	7.76	41	815006	152.10	ug/l	99
47) n-amyl Acetate	10.89	43	1499655	162.32	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	1096763	165.90	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	1178076	158.49	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	687958	147.05	ug/l	96
51) Ethyl methacrylate	9.17	69	1141846	156.74	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1163027	146.73	ug/l	99
53) Dibromochloromethane	9.58	129	795290	164.09	ug/l	100
54) 1,2-Dibromoethane	9.67	107	732458	151.04	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	2836651	822.79	ug/l	100
56) Bromoform	10.85	173	653303	174.96	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	4830213	699.87	ug/l	98
59) 2-Hexanone	9.49	43	3763047	701.99	ug/l	98
61) Tetrachloroethene	9.33	164	736921	134.39	ug/l	99
62) Toluene	8.78	91	2925758	147.26	ug/l	99
64) Chlorobenzene	10.14	112	1900086	152.74	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	719954	156.55	ug/l	100
66) Ethyl Benzene	10.25	91	3329479	153.33	ug/l	99
67) m/p-Xylenes	10.35	106	2568220	308.93	ug/l	96
68) o-Xylene	10.70	106	1251705	154.73	ug/l	98
69) Styrene	10.71	104	2185566	159.30	ug/l	99
70) Isopropylbenzene	11.01	105	3271973	153.63	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	1072204	151.16	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	1270107	204.62	ug/l	89
73) Bromobenzene	11.25	156	896848	158.35	ug/l	98
74) n-propylbenzene	11.35	91	3811755	156.47	ug/l	99
75) 2-Chlorotoluene	11.42	91	2214060	151.90	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	2831779	159.45	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	401732	171.21	ug/l	95
78) 4-Chlorotoluene	11.51	91	2625969	158.50	ug/l	99
79) tert-butylbenzene	11.76	119	2740929	164.02	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	2805057	158.75	ug/l	100
81) sec-Butylbenzene	11.94	105	3269339	158.58	ug/l	99
82) p-Isopropyltoluene	12.06	119	3052322	161.98	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1605482	162.66	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1606907	162.76	ug/l	98
85) n-Butylbenzene	12.38	91	2813837	170.61	ug/l	99
86) Hexachloroethane	12.59	117	576182	171.17	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1591575	160.02	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	243225	160.11	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	1219343	182.76	ug/l	99
90) Hexachlorobutadiene	13.77	225	580944	174.66	ug/l	96
91) Naphthalene	13.83	128	3429775	172.13	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	1172478	173.28	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 21 11:08:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 10:51:02 2020
Response via : Initial Calibration

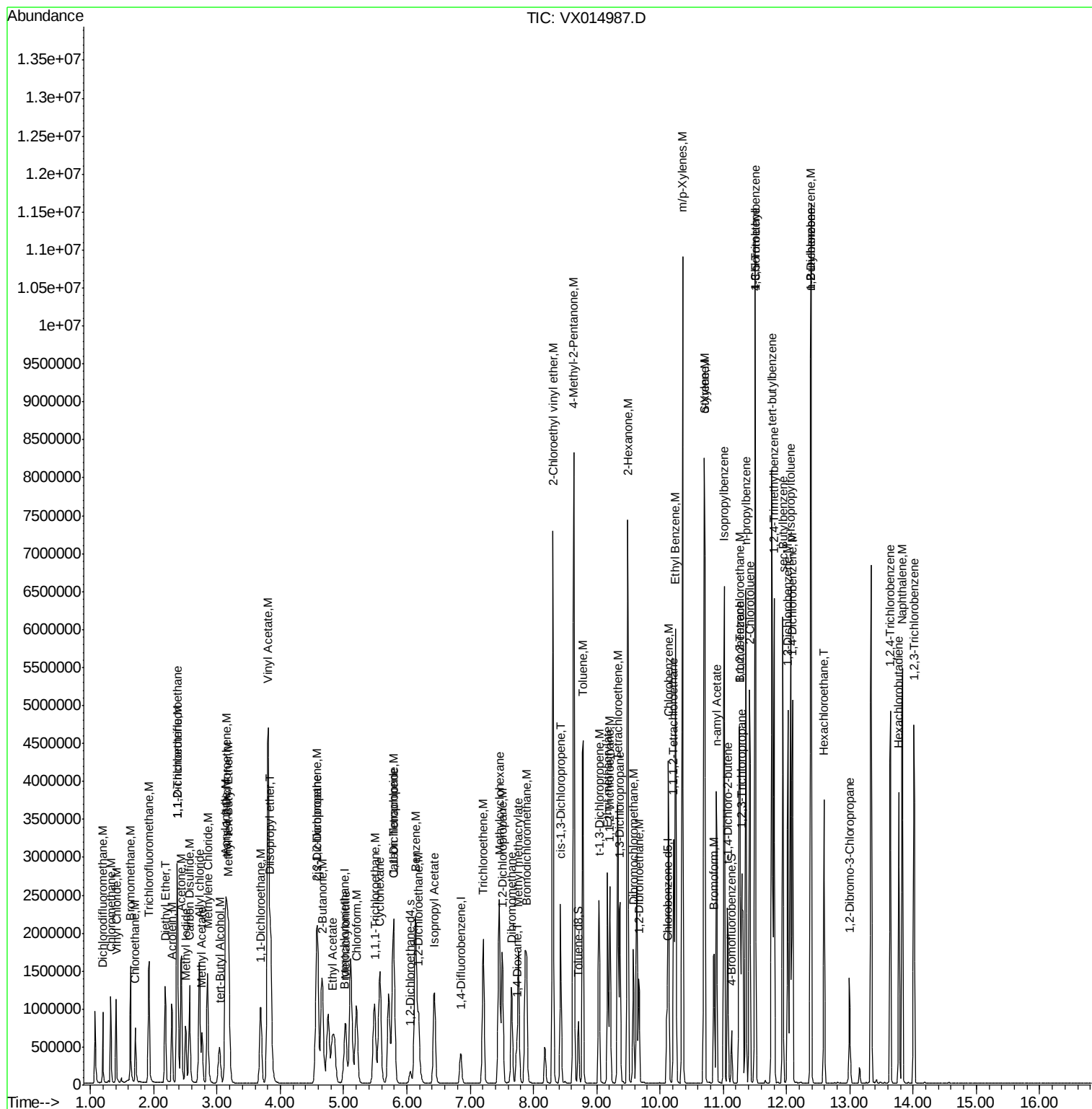
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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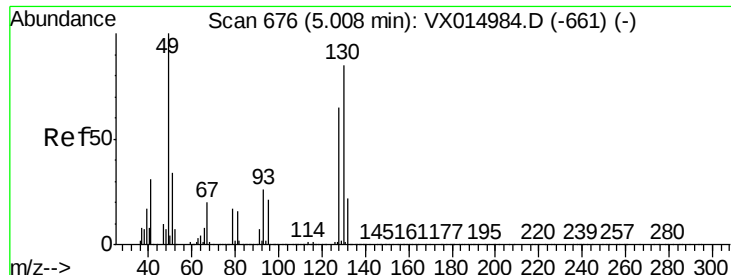
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
Data File : VX014987.D
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Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Feb 21 11:08:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 10:51:02 2020
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

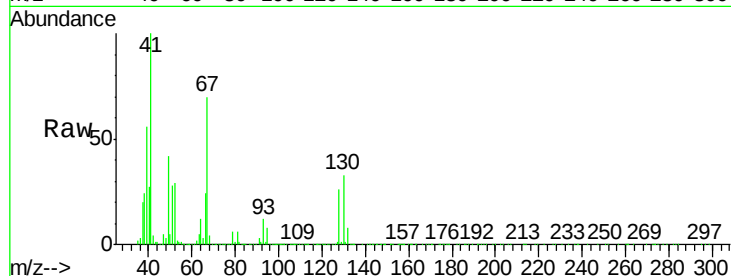
Tgt Ion:128 Resp: 73964

Ion Ratio Lower Upper

128 100

49 161.5 0.0 384.7

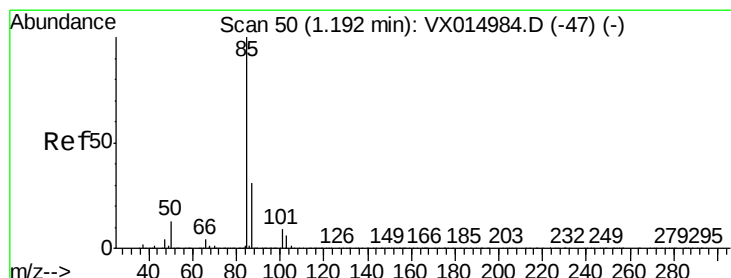
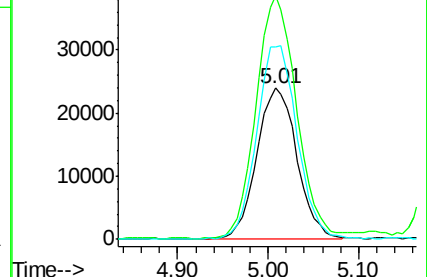
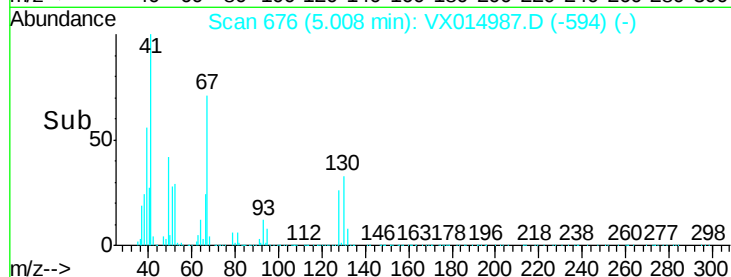
130 127.6 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 101.63 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014987.D

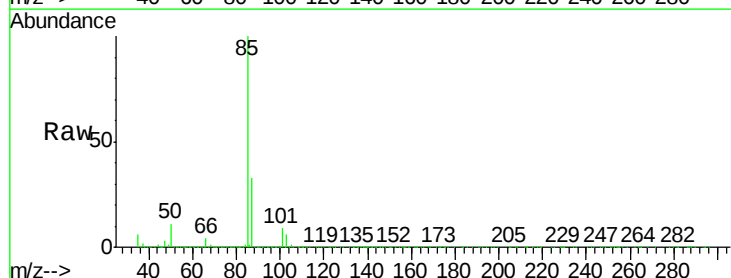
Acq: 21 Feb 2020 10:44

Tgt Ion: 85 Resp: 476587

Ion Ratio Lower Upper

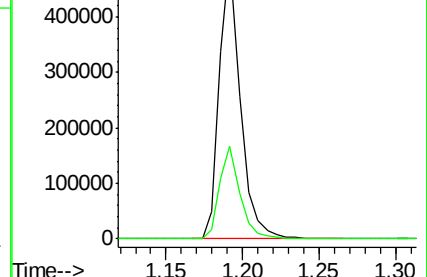
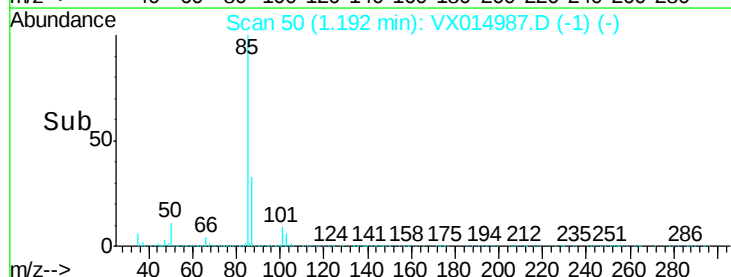
85 100

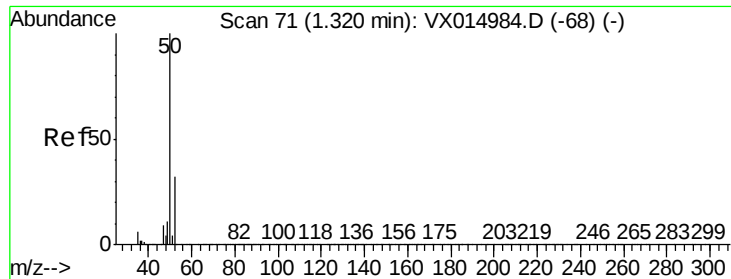
87 32.7 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

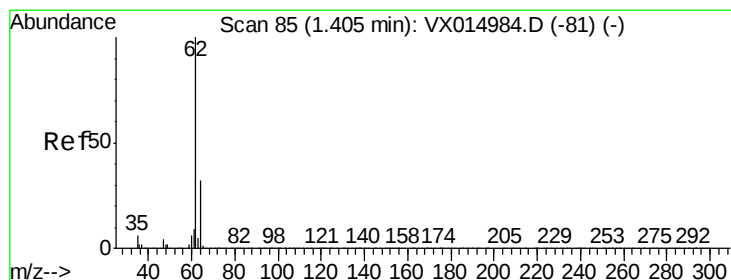
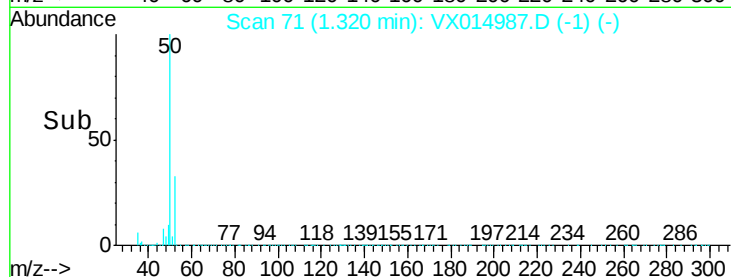
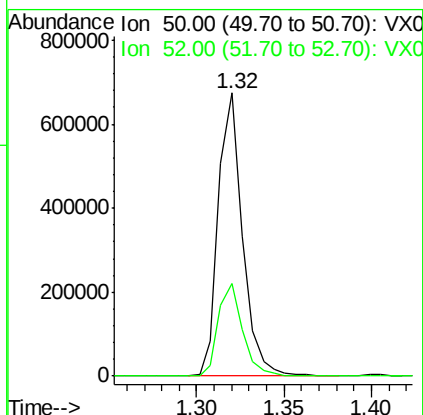
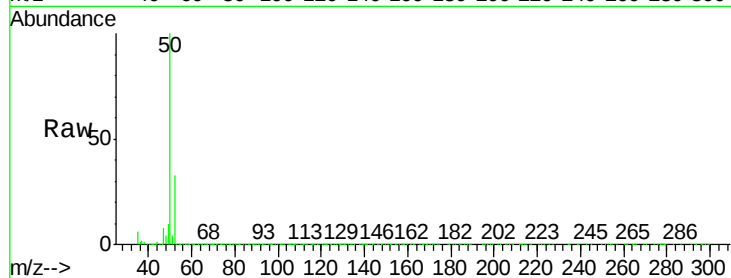




#3
Chloromethane
Concen: 123.18 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

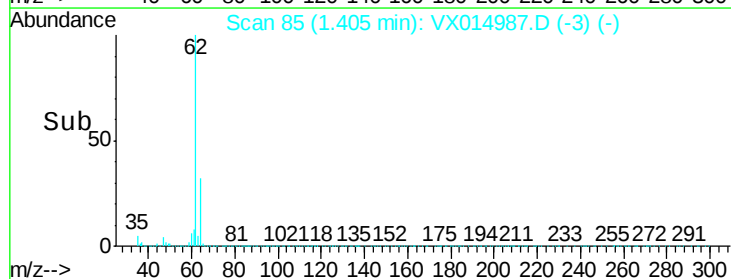
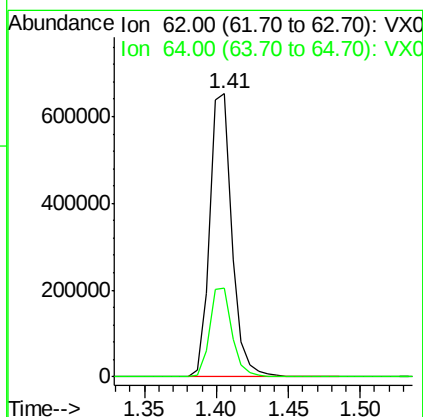
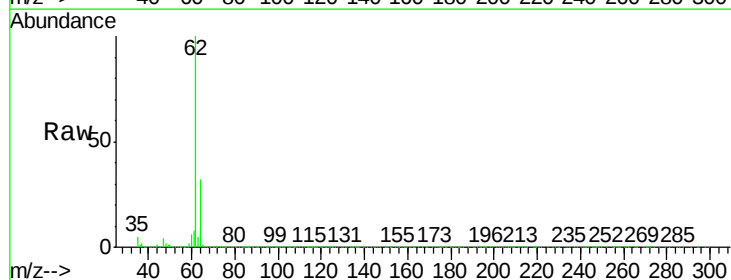
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

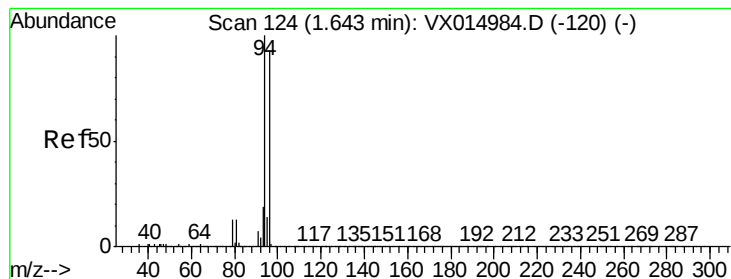
Tgt Ion: 50 Resp: 649592
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0



#4
Vinyl Chloride
Concen: 118.10 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 62 Resp: 694964
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5

Bromomethane

Concen: 133.14 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

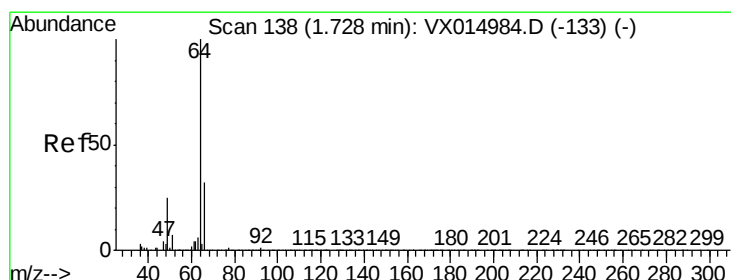
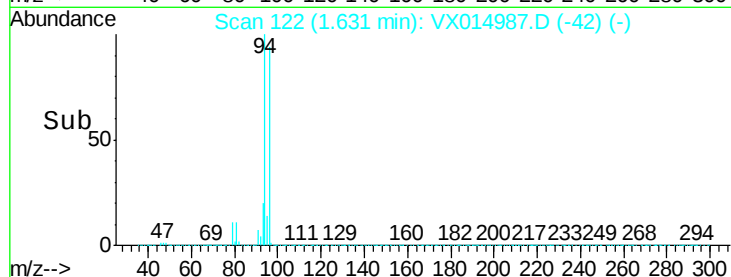
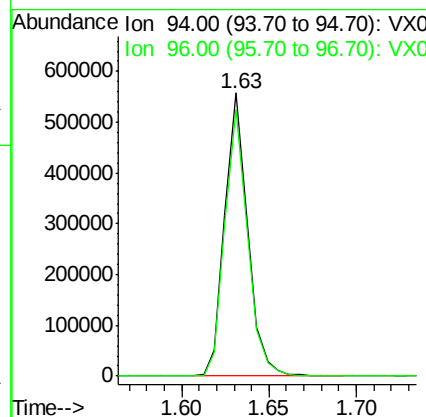
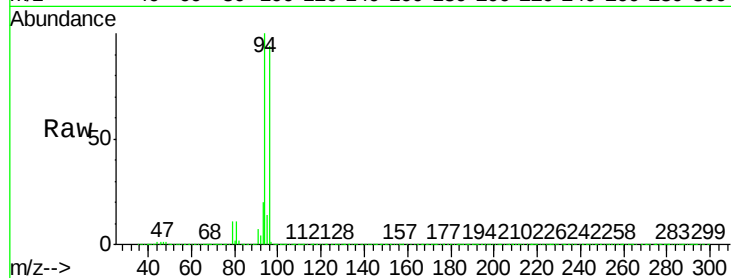
VSTDIC150

Tgt Ion: 94 Resp: 511766

Ion Ratio Lower Upper

94 100

96 94.4 74.6 112.0



#6

Chloroethane

Concen: 131.16 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.02 min

Lab File: VX014987.D

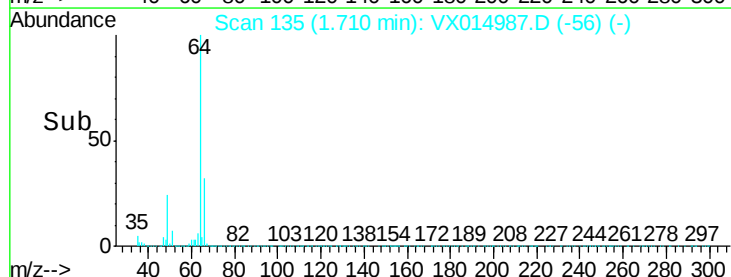
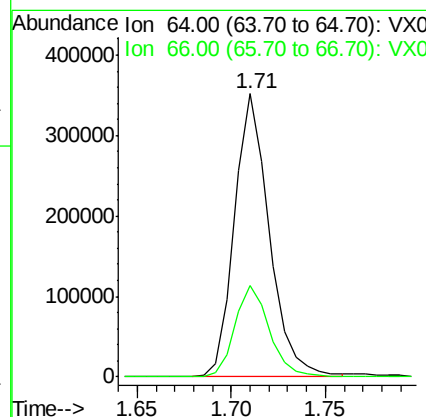
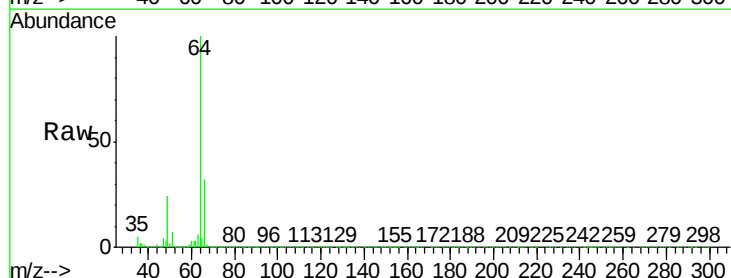
Acq: 21 Feb 2020 10:44

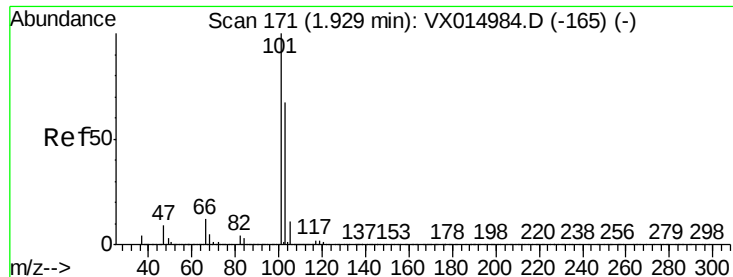
Tgt Ion: 64 Resp: 447965

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6



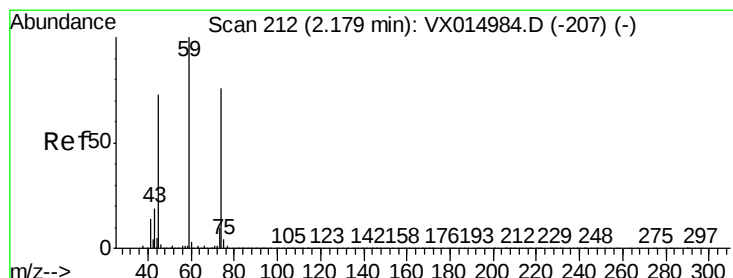
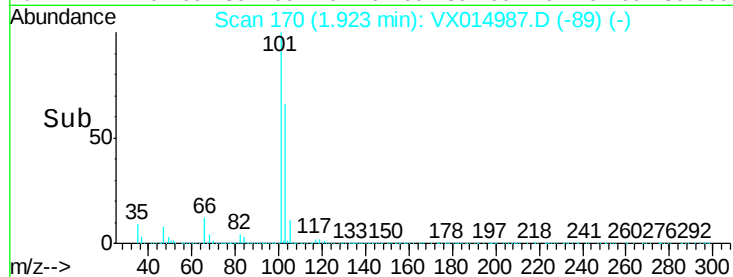
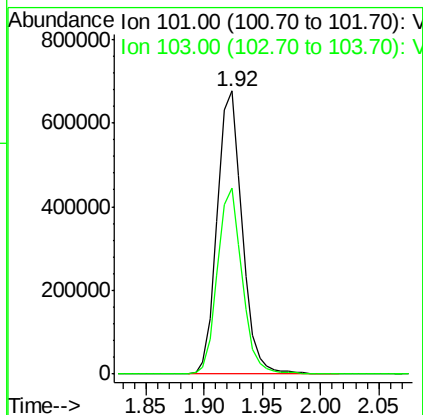
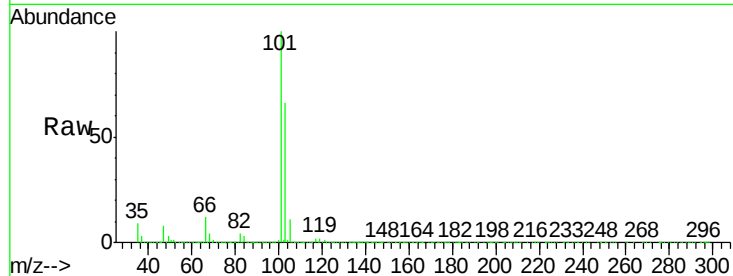


#7

Trichlorofluoromethane
 Concen: 144.84 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

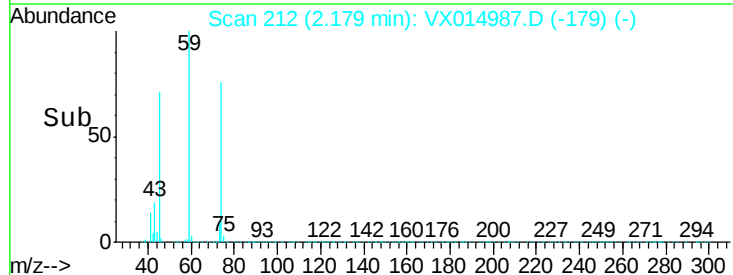
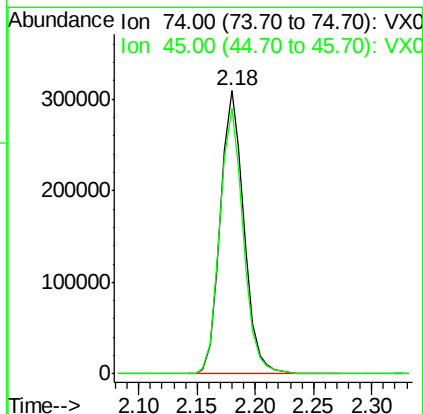
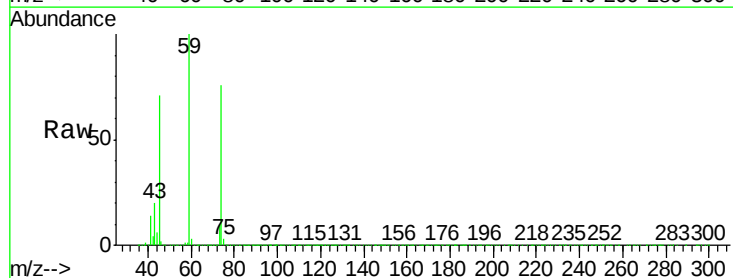
Tgt Ion:101 Resp: 997721
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.4 80.2

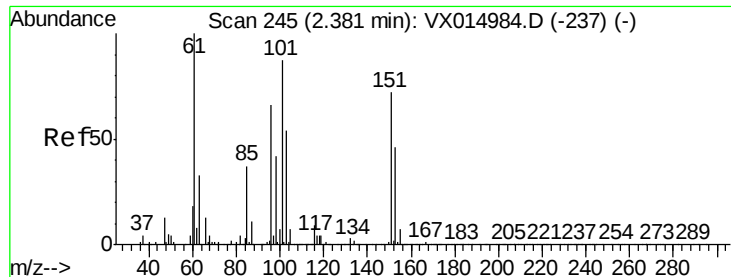


#8

Diethyl Ether
 Concen: 144.18 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 74 Resp: 431654
 Ion Ratio Lower Upper
 74 100
 45 93.3 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.42 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

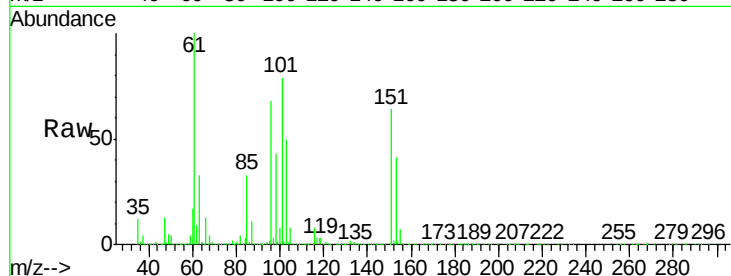
Tgt Ion: 101 Resp: 579595

Ion Ratio Lower Upper

101 100

85 42.1 0.0 86.6

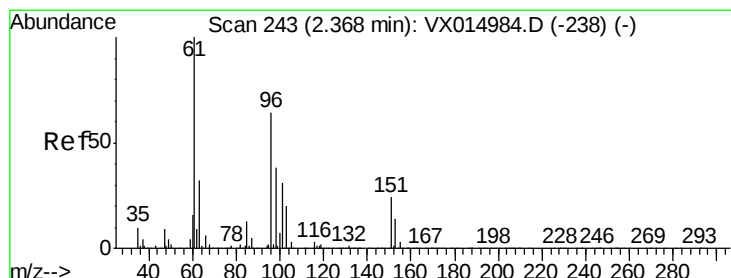
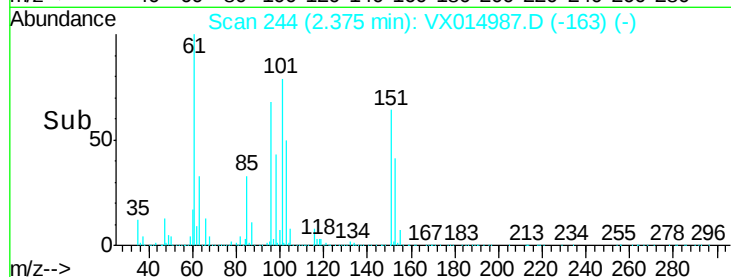
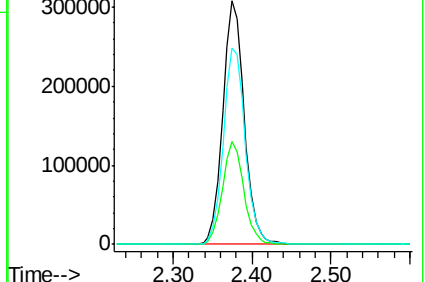
151 83.0 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 148.11 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

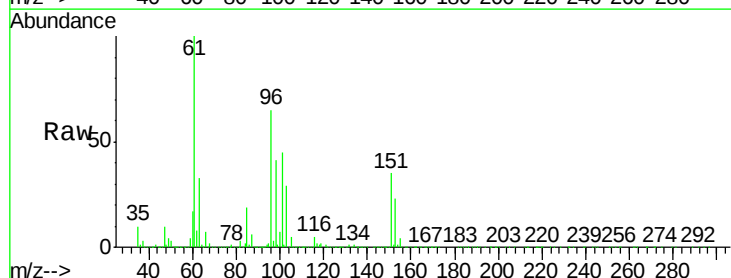
Tgt Ion: 96 Resp: 598833

Ion Ratio Lower Upper

96 100

61 154.1 126.1 189.1

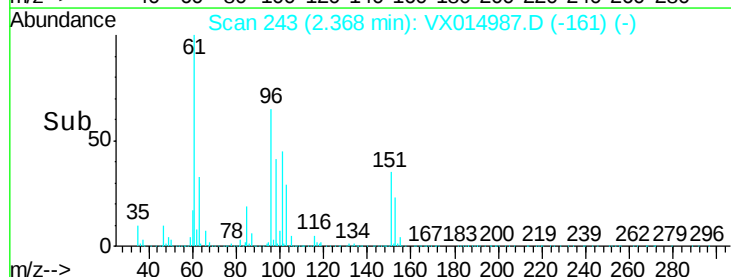
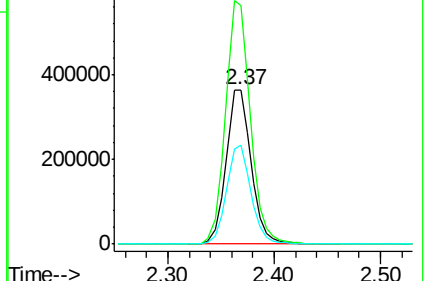
98 63.7 48.2 72.2

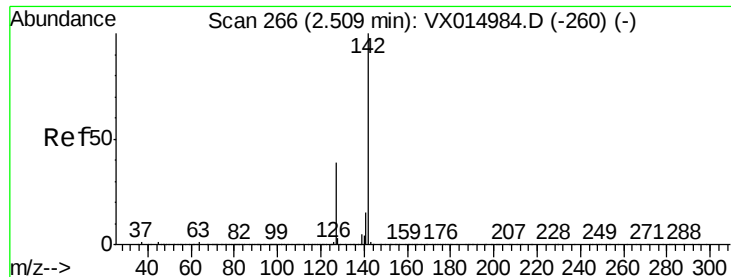


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

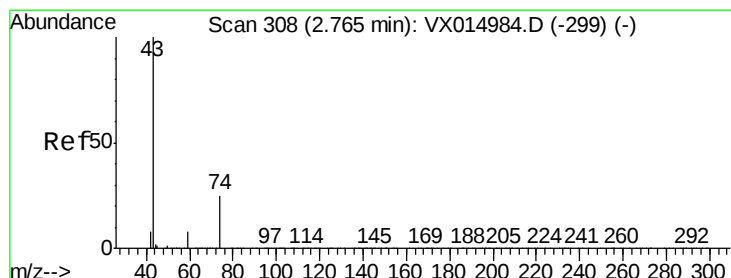
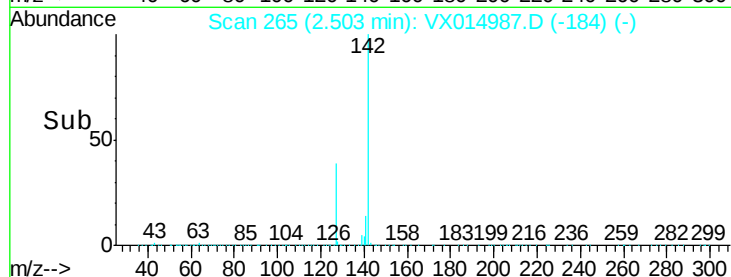
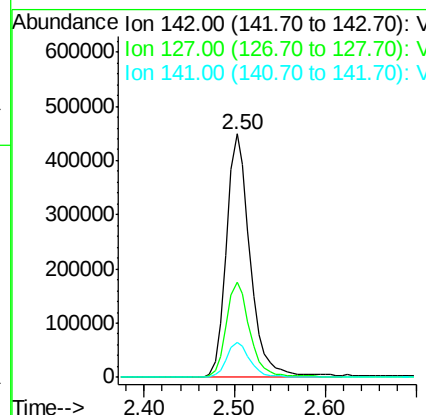
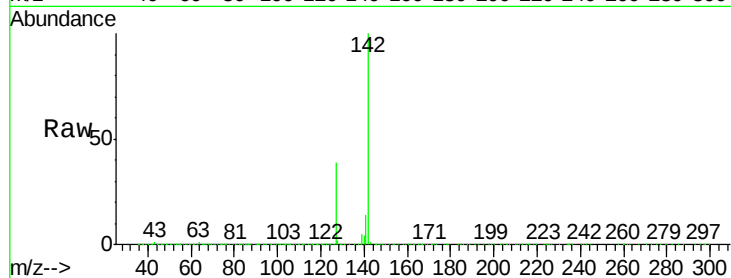




#11
Methyl Iodide
Concen: 155.26 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

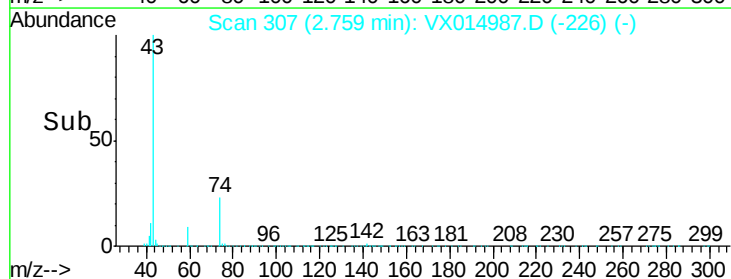
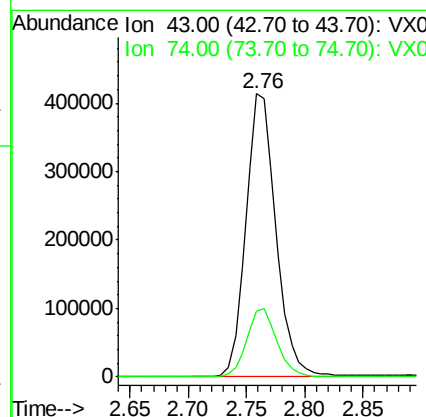
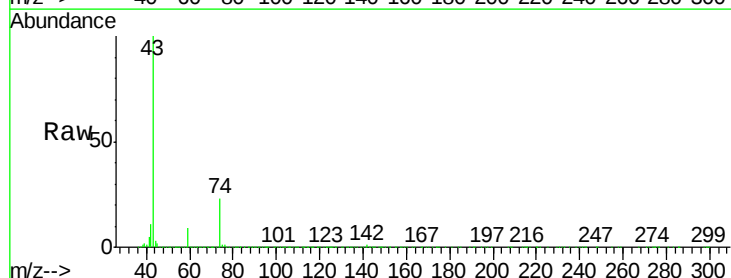
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

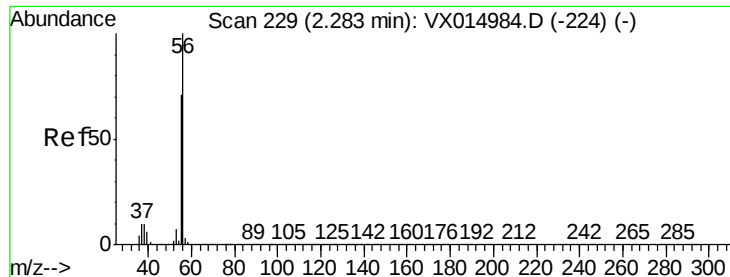
Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.1	19.7	59.0
141	14.4	7.4	22.2



#12
Methyl Acetate
Concen: 108.55 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.8	29.8

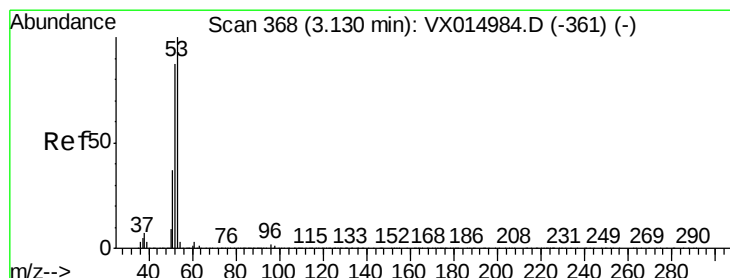
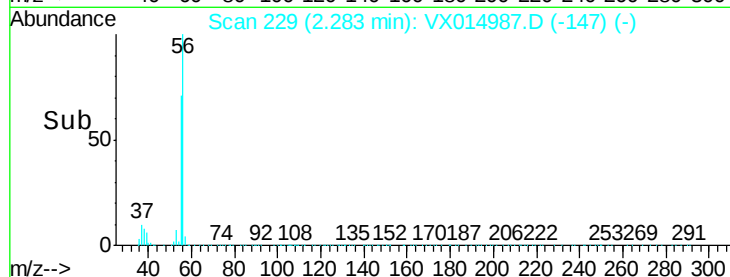
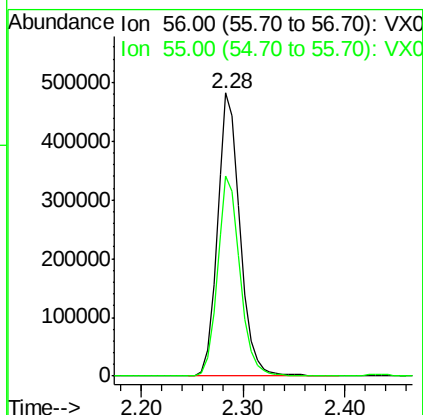
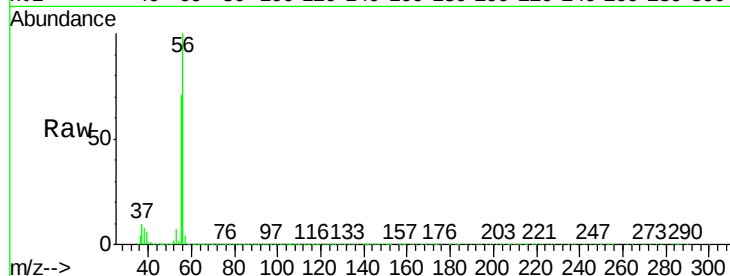




#13
Acrolein
Concen: 920.59 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

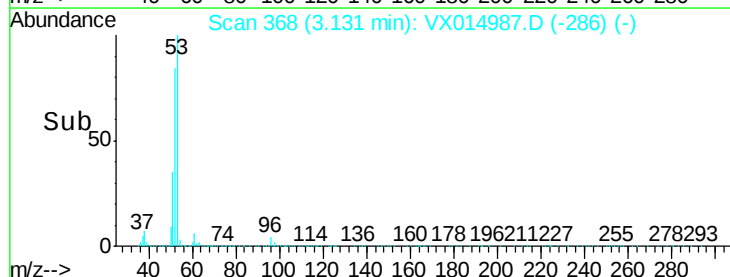
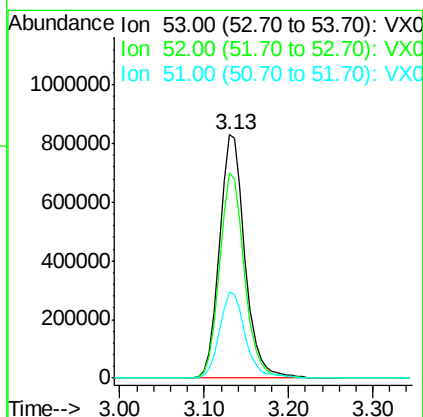
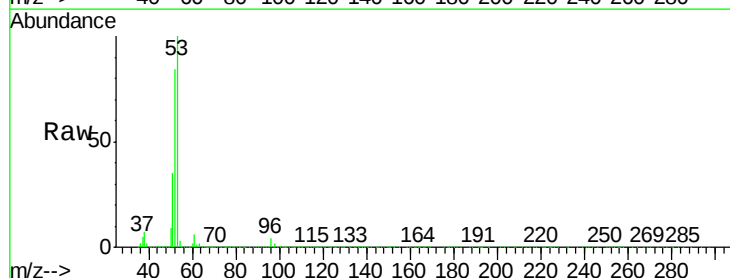
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

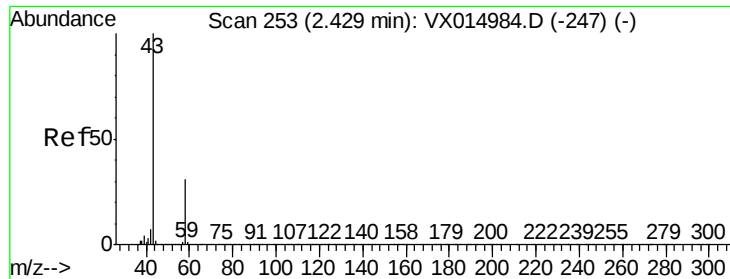
Tgt Ion: 56 Resp: 740682
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.2



#14
Acrylonitrile
Concen: 705.03 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 53 Resp: 1719068
Ion Ratio Lower Upper
53 100
52 82.8 41.5 124.6
51 35.9 18.1 54.4

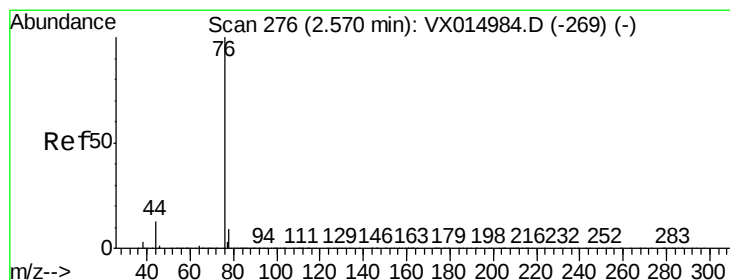
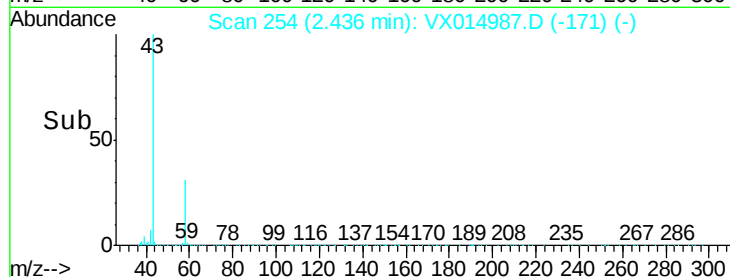
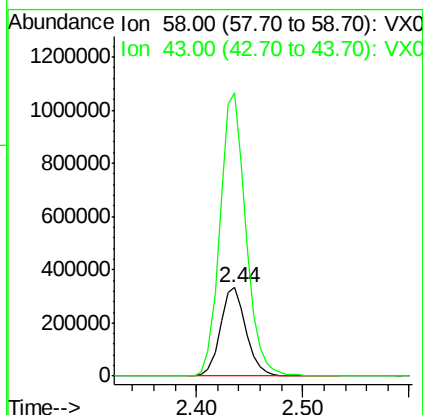
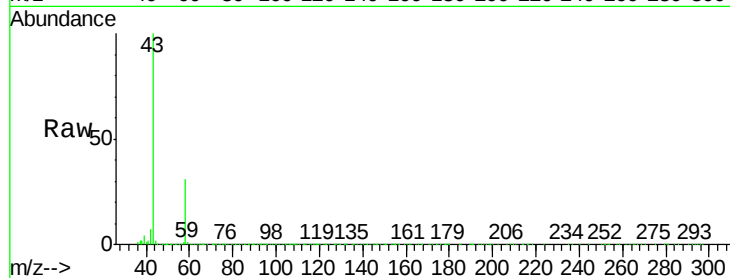




#15
Acetone
Concen: 668.59 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

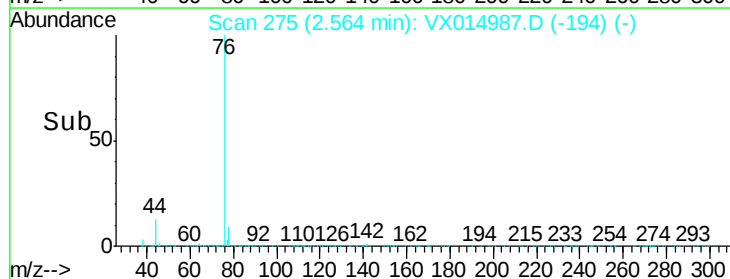
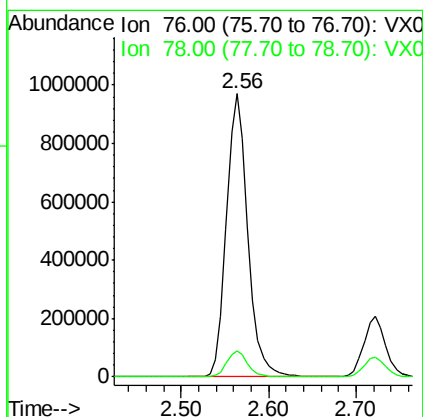
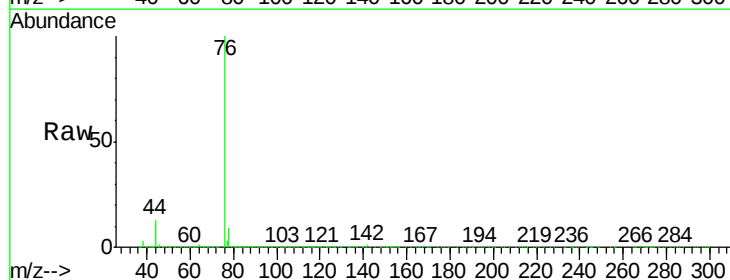
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

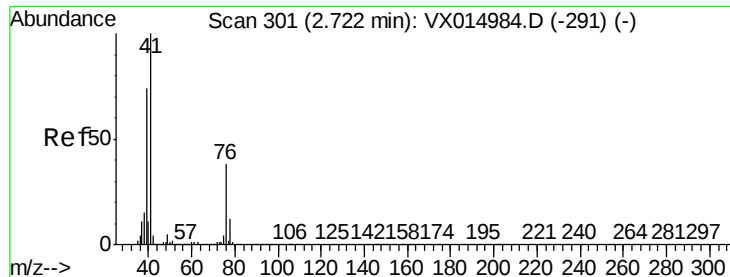
Tgt Ion: 58 Resp: 557828
Ion Ratio Lower Upper
58 100
43 319.0 257.7 386.5



#16
Carbon Disulfide
Concen: 148.51 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 76 Resp: 1639703
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

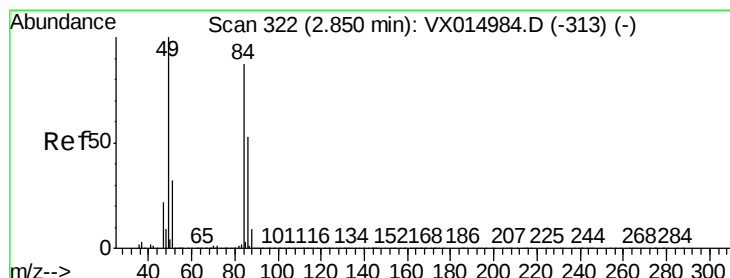
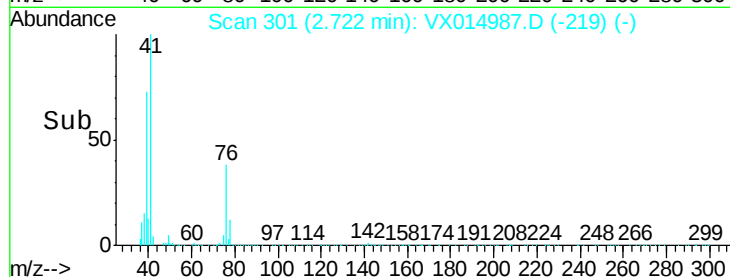
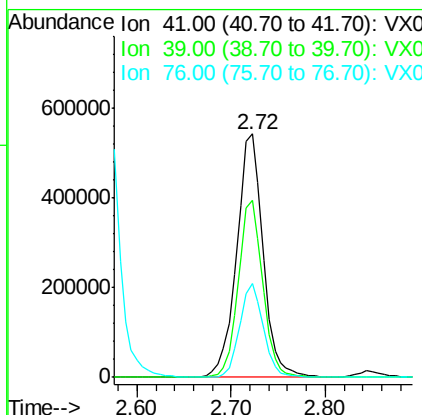
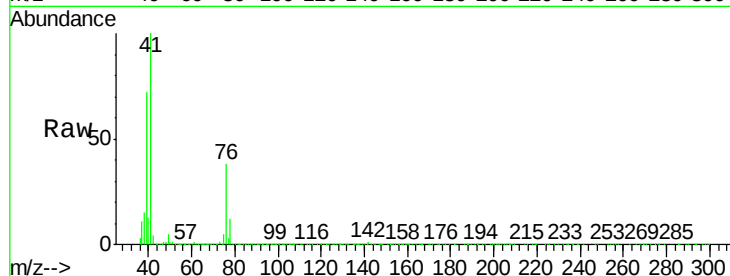




#17
 Allyl chloride
 Concen: 142.44 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

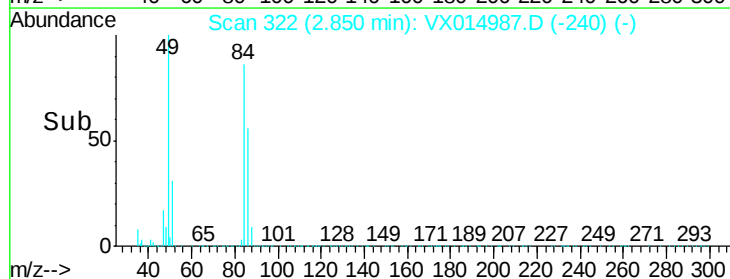
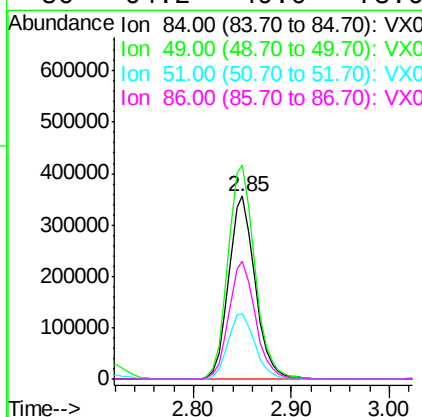
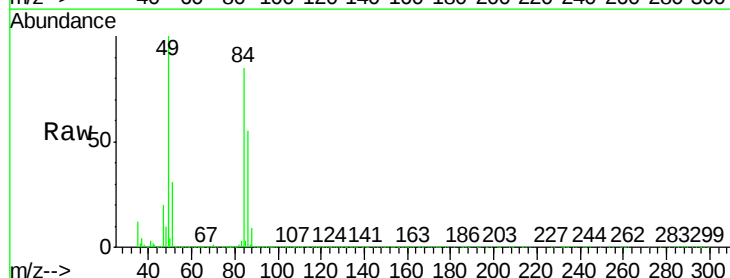
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

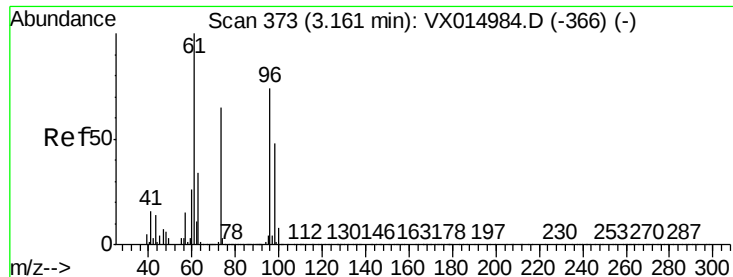
Tgt Ion: 41 Resp: 1053909
 Ion Ratio Lower Upper
 41 100
 39 72.5 37.1 111.5
 76 38.2 18.8 56.4



#18
 Methylene Chloride
 Concen: 141.26 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 84 Resp: 666426
 Ion Ratio Lower Upper
 84 100
 49 116.9 92.2 138.2
 51 35.8 29.7 44.5
 86 64.2 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 147.18 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

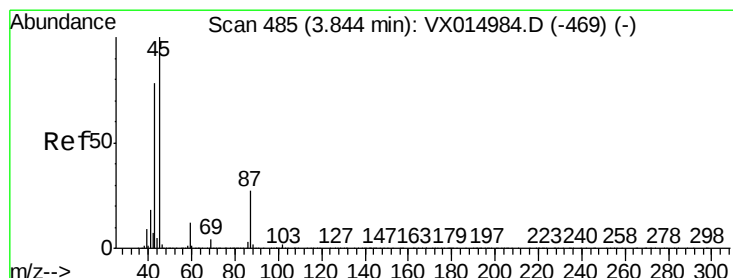
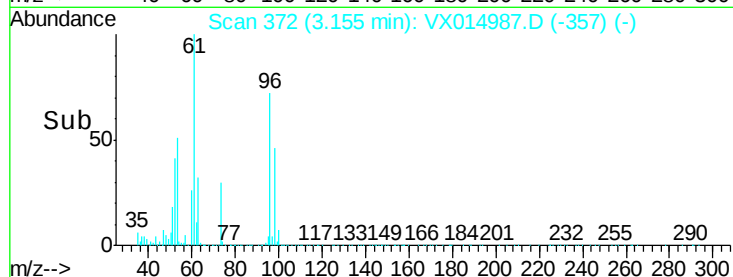
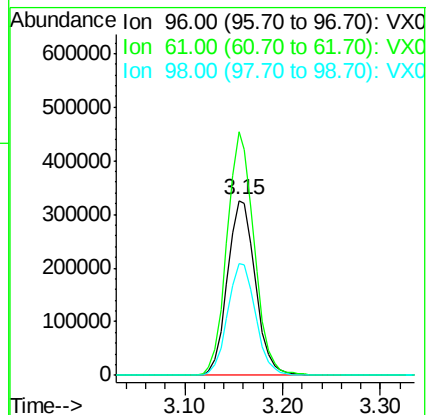
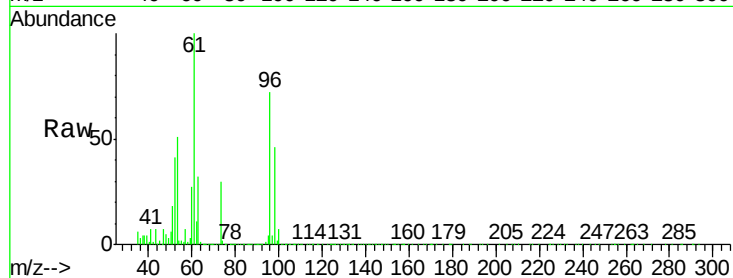
Tgt Ion: 96 Resp: 643013

Ion Ratio Lower Upper

96 100

61 139.5 107.1 160.7

98 64.1 51.4 77.2



#20

Diisopropyl ether

Concen: 142.27 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion: 45 Resp: 2098970

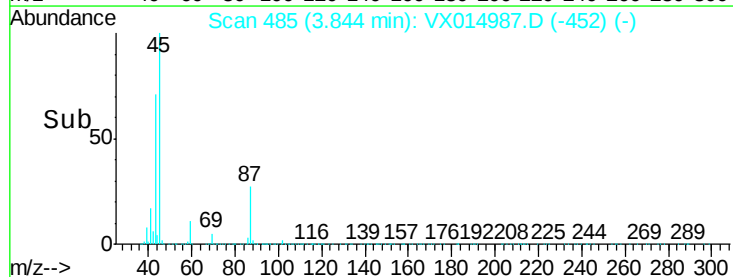
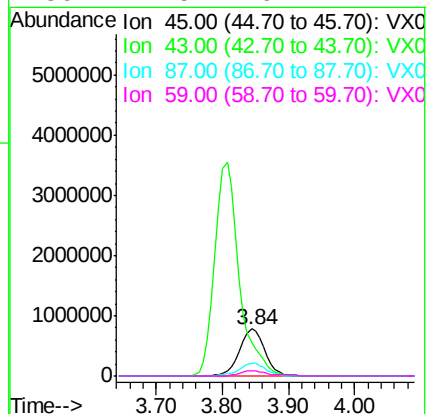
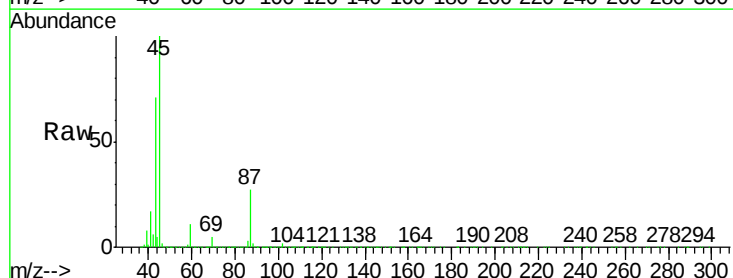
Ion Ratio Lower Upper

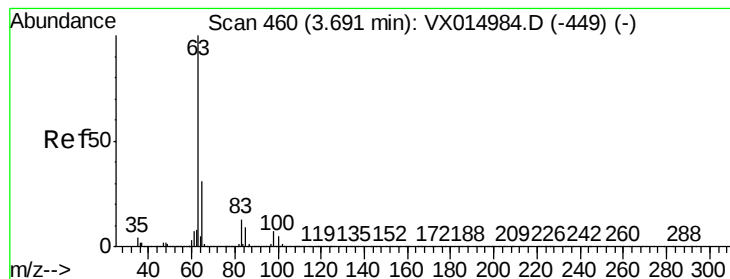
45 100

43 71.1 62.3 93.5

87 27.4 21.8 32.6

59 11.5 9.4 14.2





#21

1,1-Dichloroethane

Concen: 145.22 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

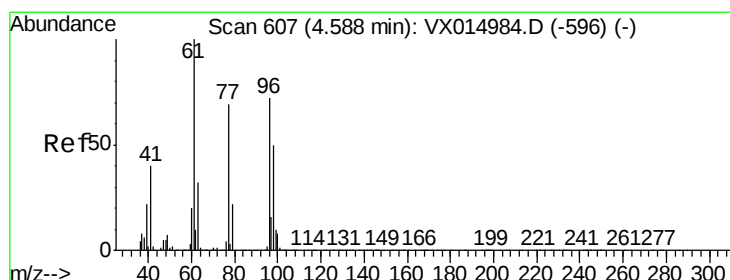
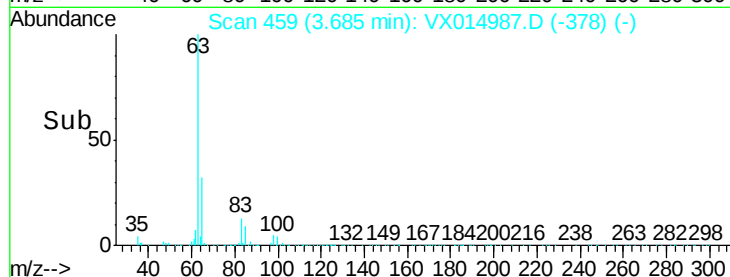
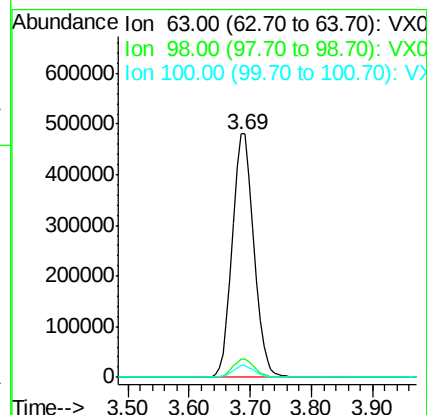
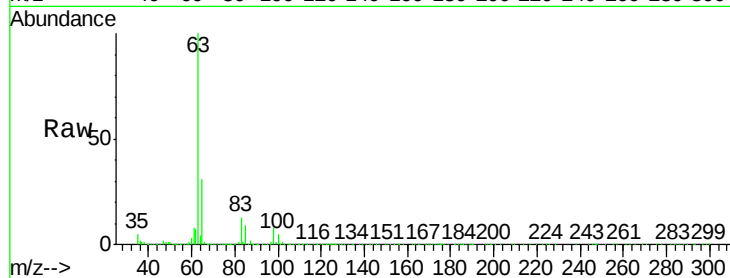
Tgt Ion: 63 Resp: 1161614

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.7 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 149.74 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

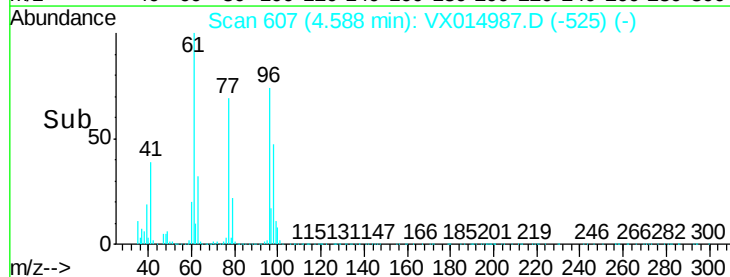
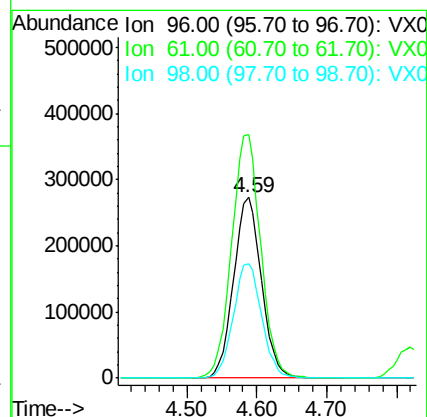
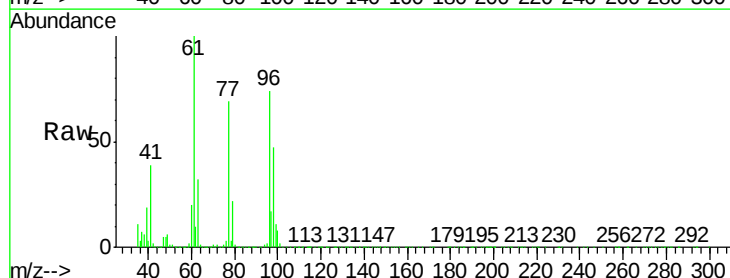
Tgt Ion: 96 Resp: 754885

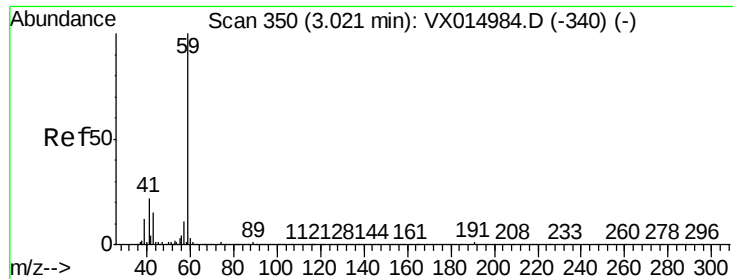
Ion Ratio Lower Upper

96 100

61 140.3 110.6 165.8

98 64.6 50.4 75.6

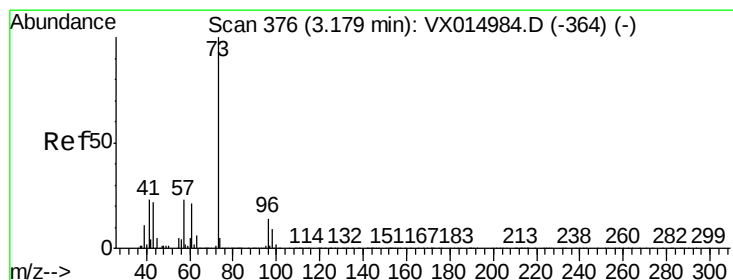
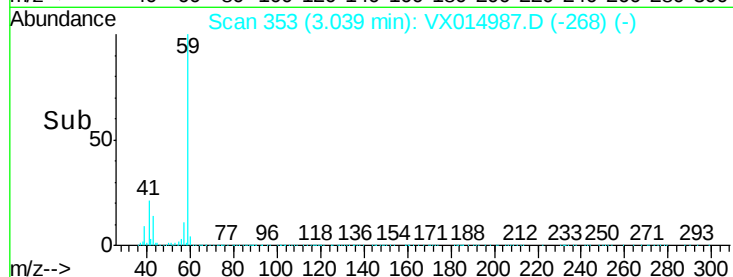
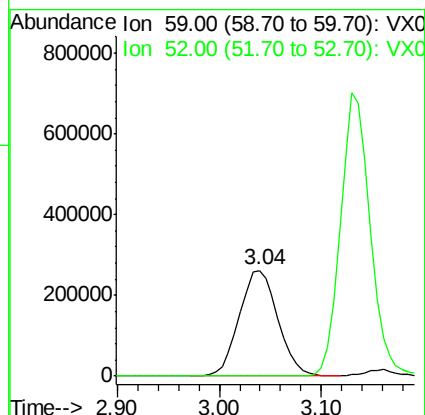
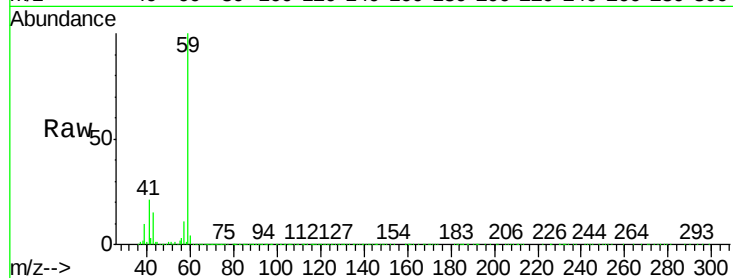




#23
 tert-Butyl Alcohol
 Concen: 686.04 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.02 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

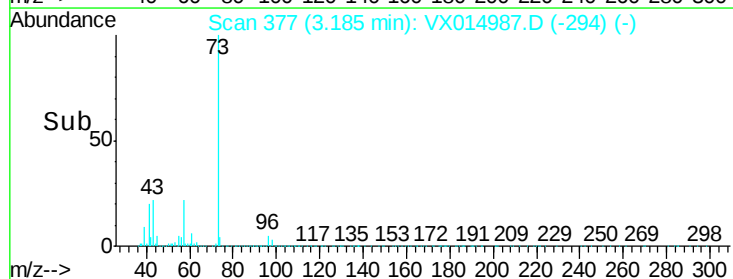
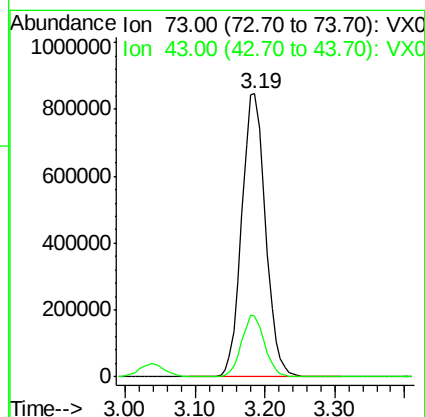
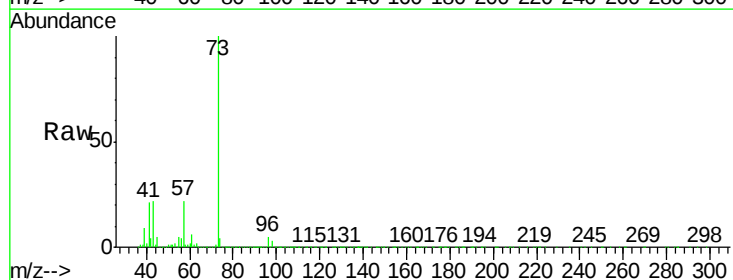
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

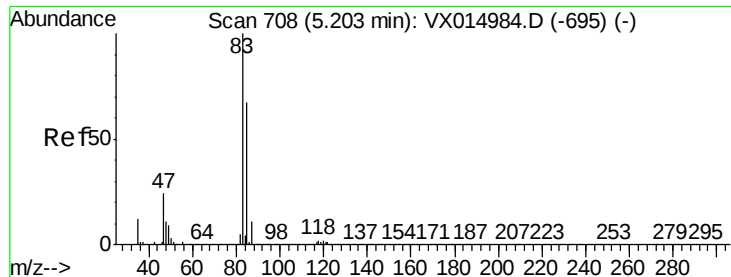
Tgt Ion: 59 Resp: 692794
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#



#24
 Methyl tert-Butyl Ether
 Concen: 148.71 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 73 Resp: 1997733
 Ion Ratio Lower Upper
 73 100
 43 21.2 17.7 26.5

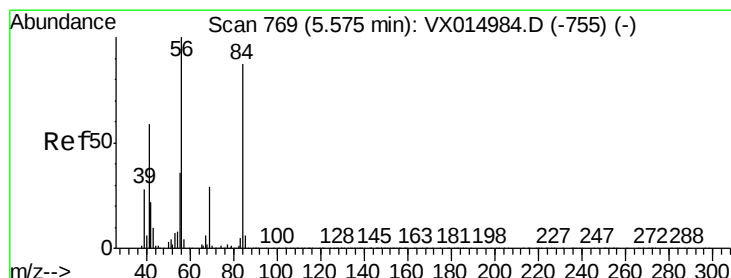
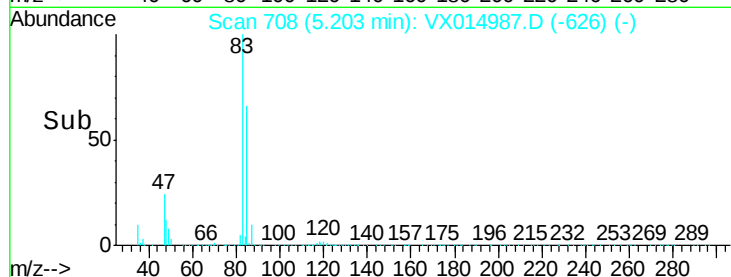
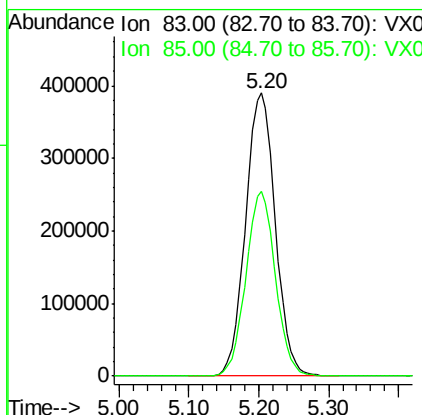
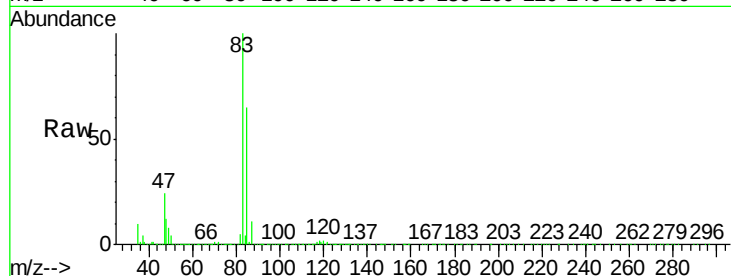




#25
Chloroform
Concen: 146.83 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

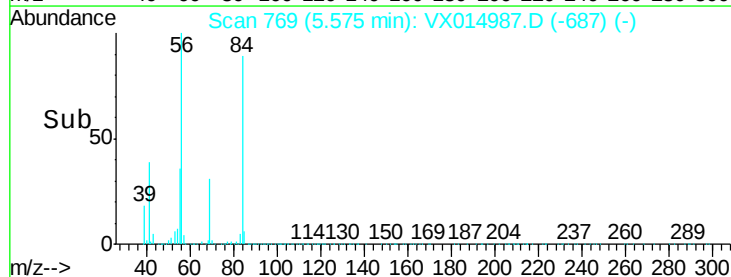
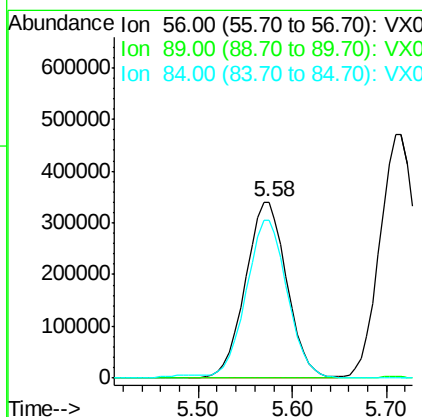
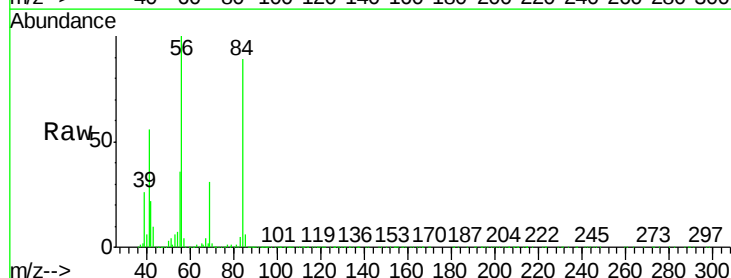
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

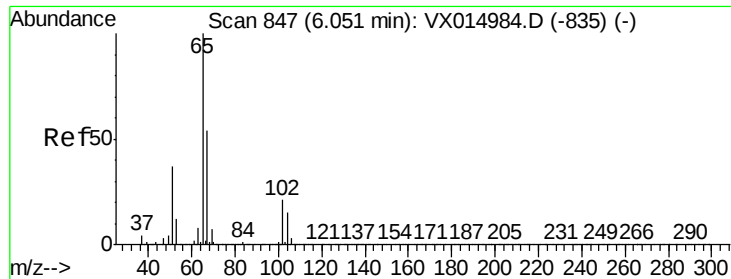
Tgt Ion: 83 Resp: 1150318
Ion Ratio Lower Upper
83 100
85 65.4 53.4 80.0



#26
Cyclohexane
Concen: 141.97 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 56 Resp: 1044416
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 89.1 71.8 107.8

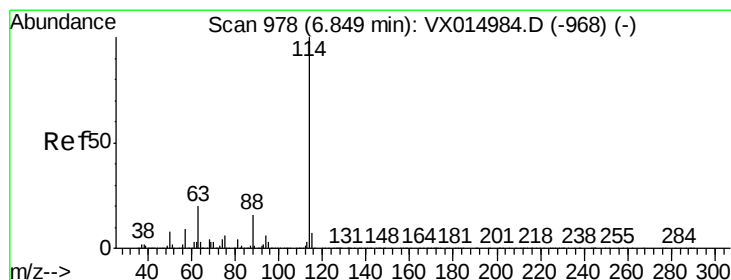
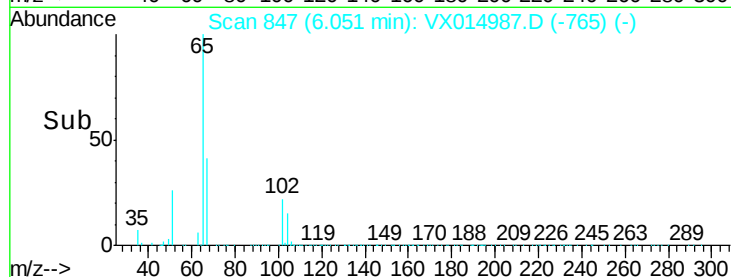
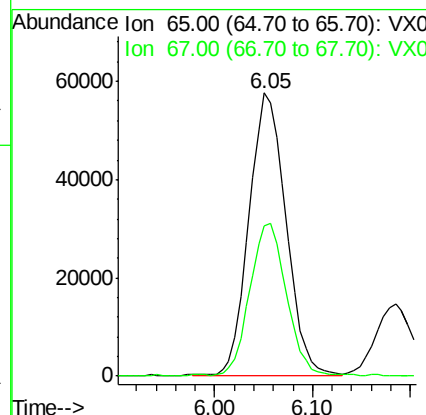
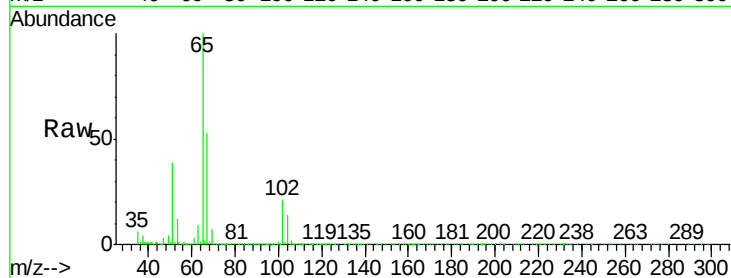




#27
 1,2-Dichloroethane-d4
 Concen: 29.10 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

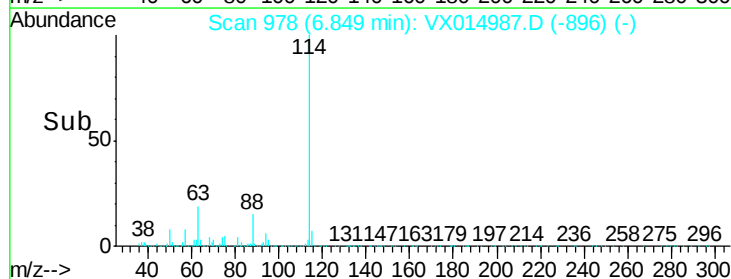
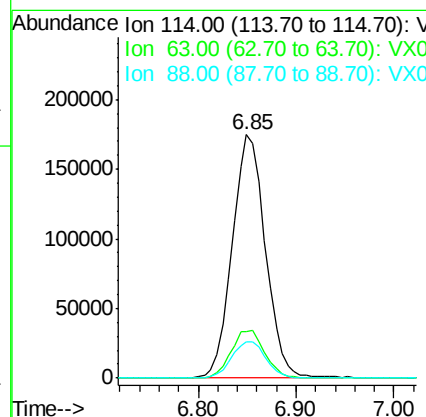
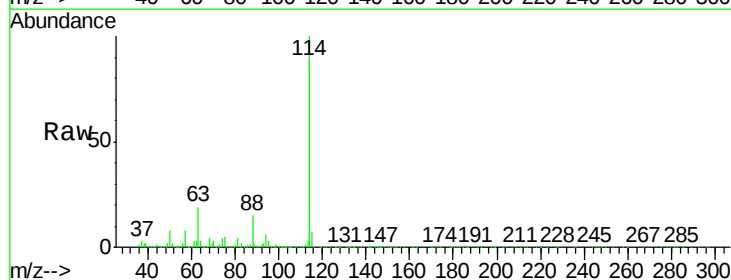
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

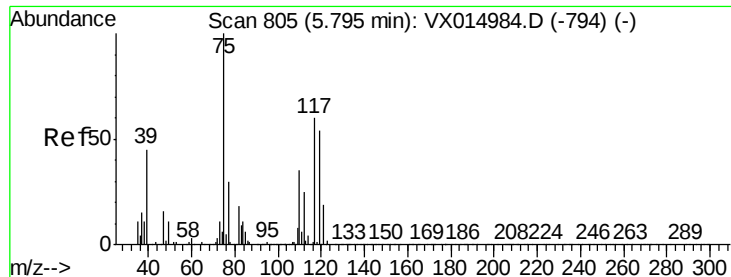
Tgt Ion: 65 Resp: 151488
 Ion Ratio Lower Upper
 65 100
 67 52.7 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 114 Resp: 411951
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.6 23.4
 88 15.5 12.2 18.2





#29

1,1-Dichloropropene

Concen: 151.22 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

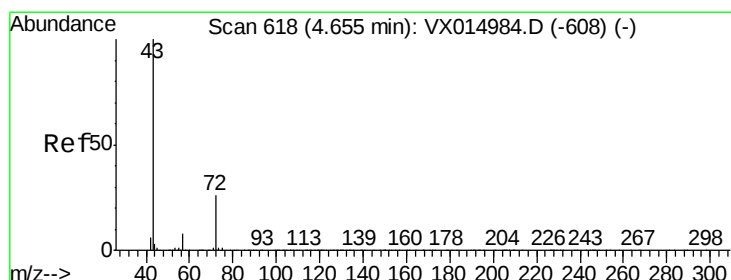
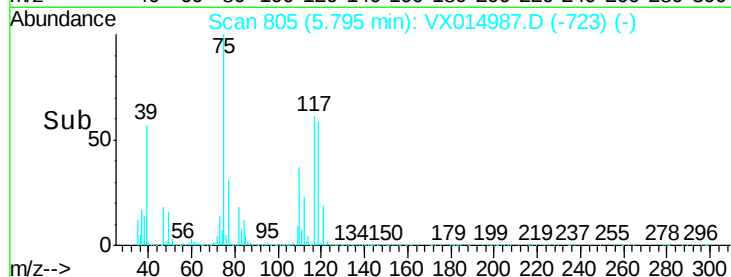
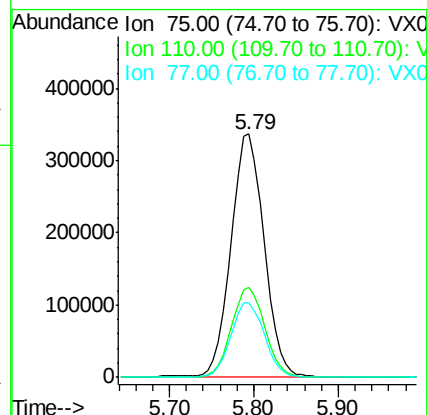
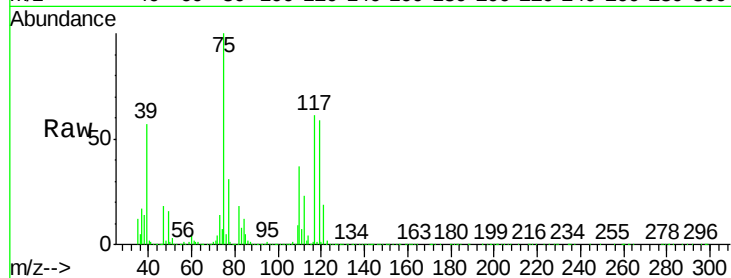
Tgt Ion: 75 Resp: 900820

Ion Ratio Lower Upper

75 100

110 37.2 0.0 75.0

77 30.9 0.0 64.0



#30

2-Butanone

Concen: 681.02 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

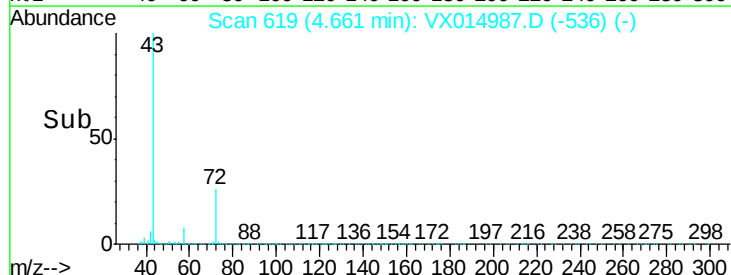
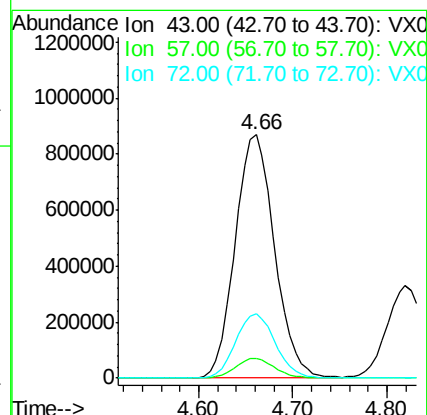
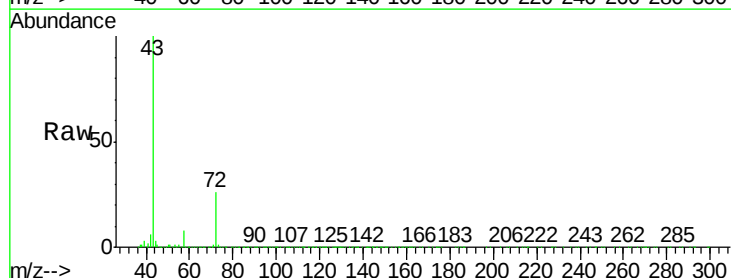
Tgt Ion: 43 Resp: 2532083

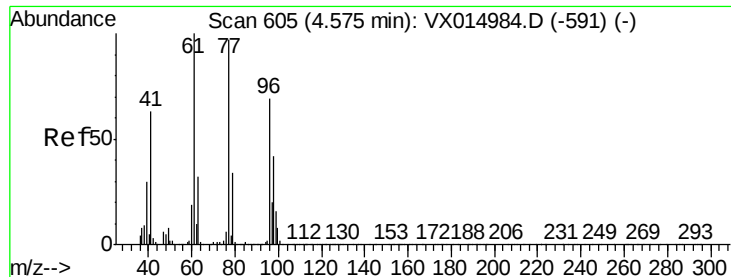
Ion Ratio Lower Upper

43 100

57 8.1 6.5 9.7

72 26.6 20.3 30.5





#31

2,2-Dichloropropane

Concen: 153.43 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

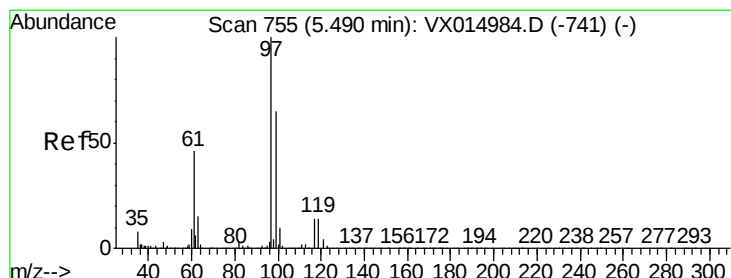
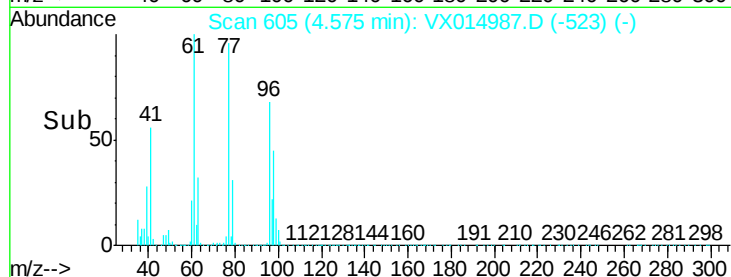
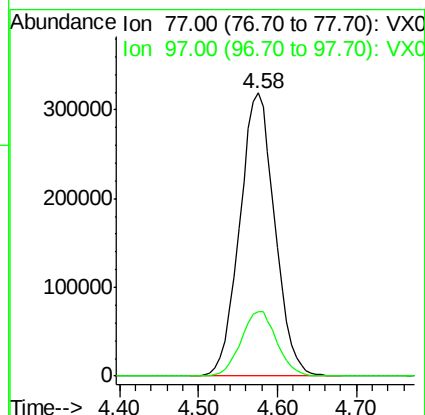
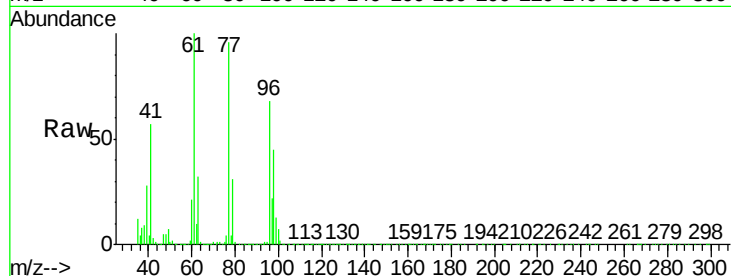
VSTDIC150

Tgt Ion: 77 Resp: 984725

Ion Ratio Lower Upper

77 100

97 23.4 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 152.65 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

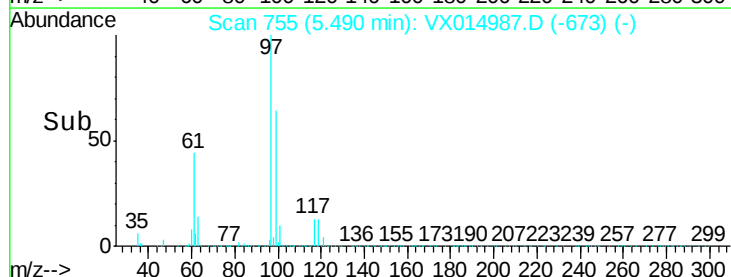
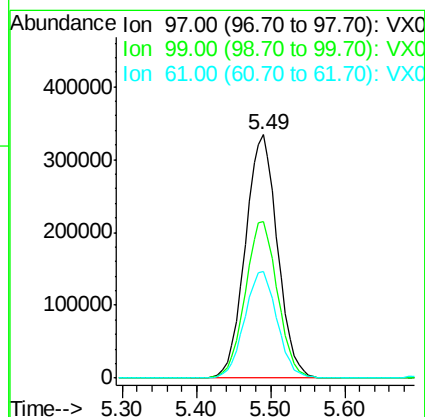
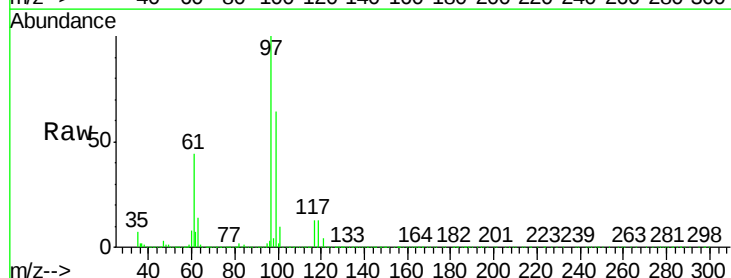
Tgt Ion: 97 Resp: 1012610

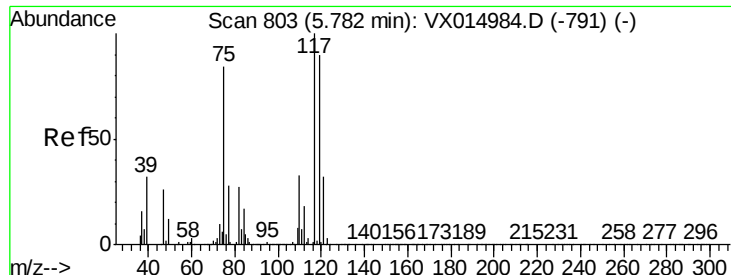
Ion Ratio Lower Upper

97 100

99 64.5 53.0 79.6

61 44.3 36.2 54.2

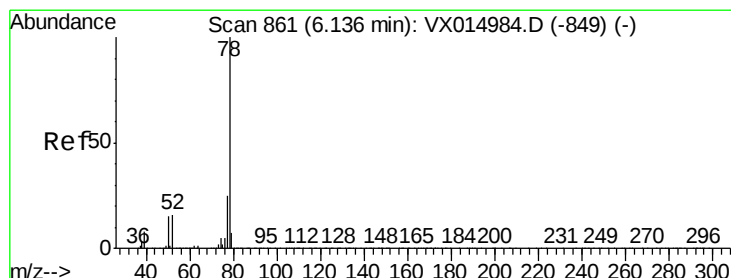
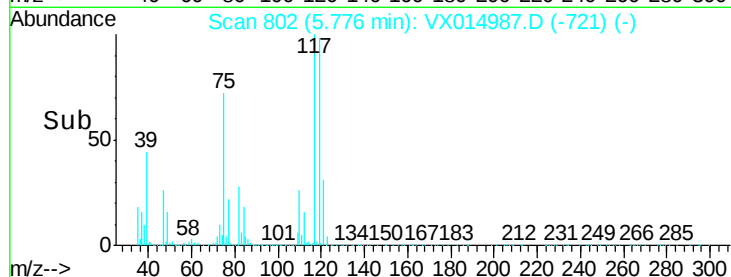
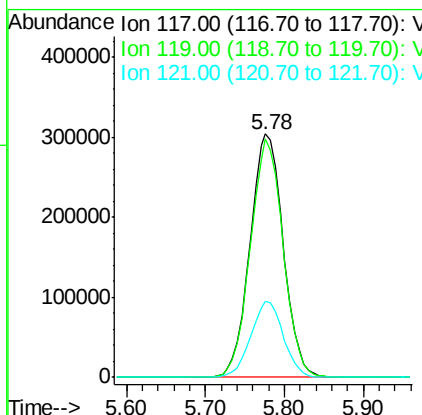
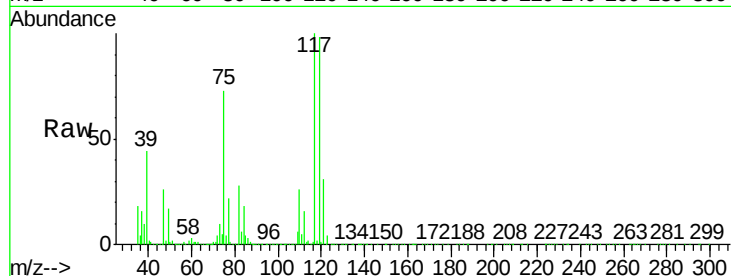




#33
Carbon Tetrachloride
Concen: 155.17 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

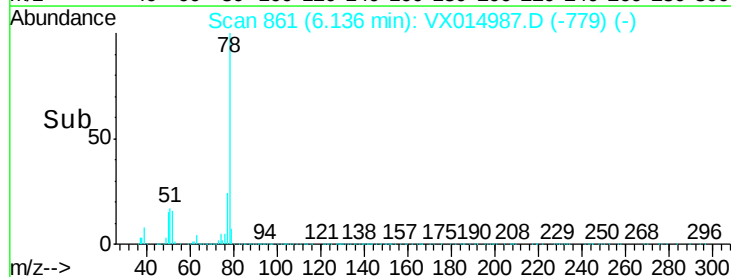
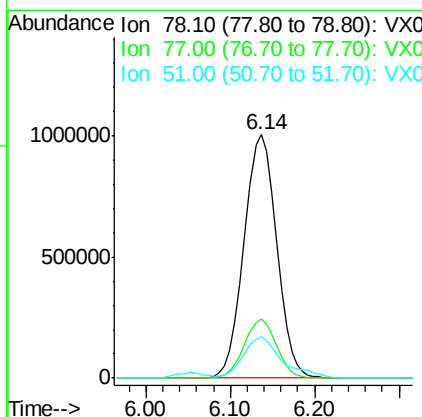
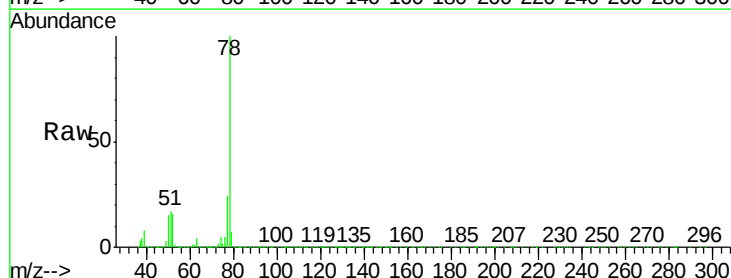
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

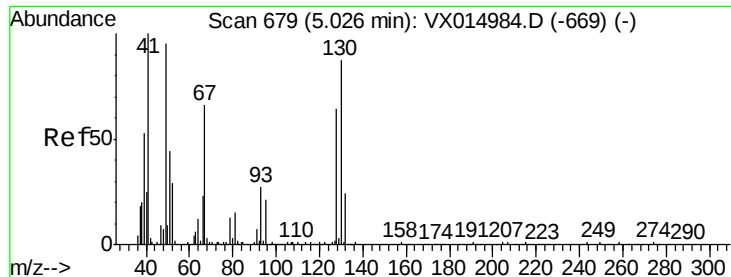
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	71.9	107.9
121	31.3	25.4	38.2



#34
Benzene
Concen: 144.62 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.0	30.0
51	16.8	13.3	19.9

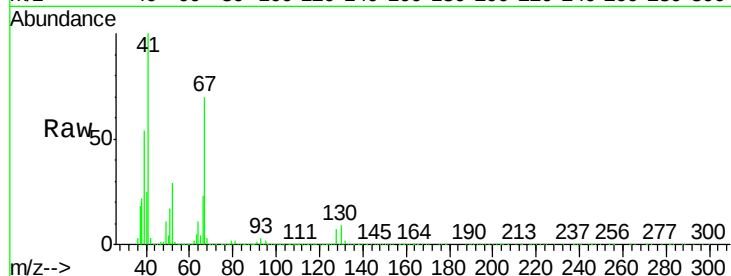




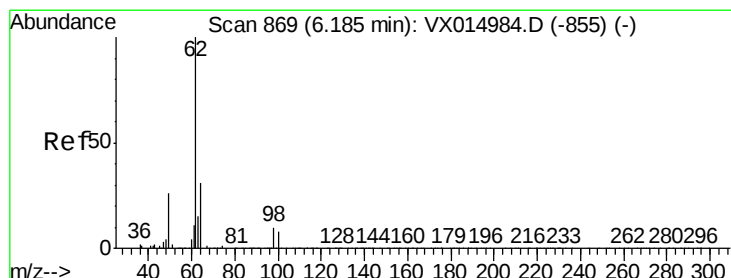
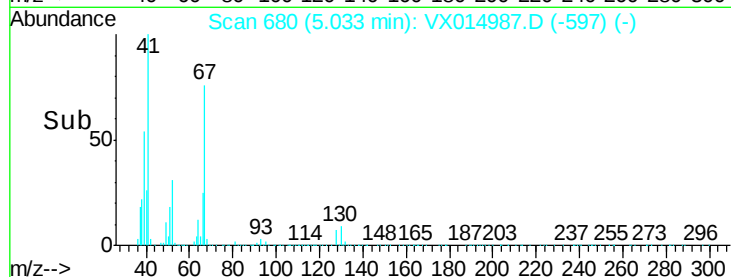
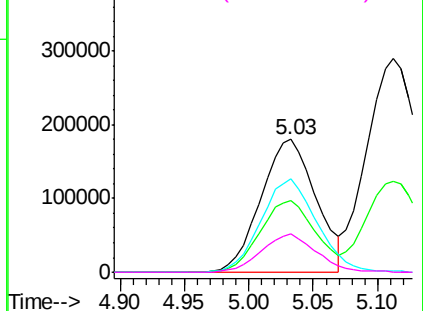
#35
Methacrylonitrile
Concen: 144.36 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	533519
Ion	Ratio	Lower	Upper
41	100		
39	53.6	25.9	77.7
67	70.0	32.7	98.1
52	28.8	13.8	41.4

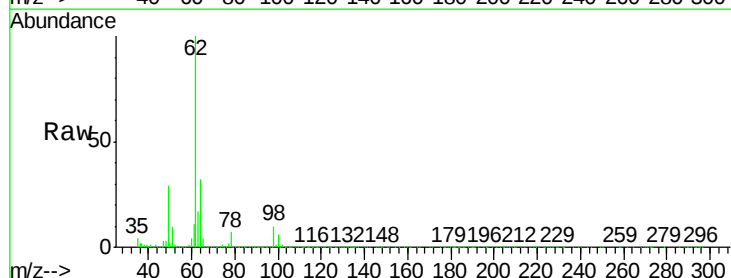


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

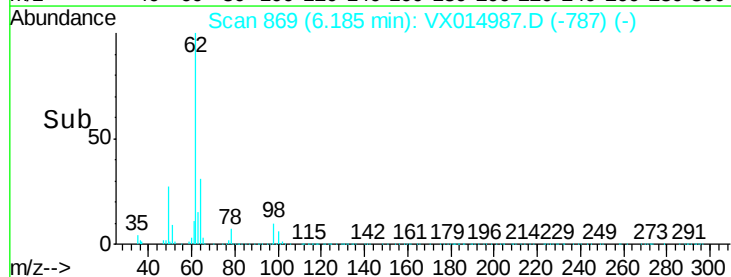
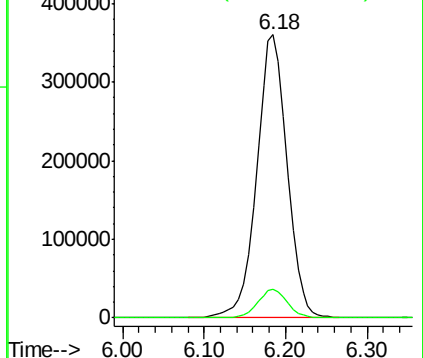


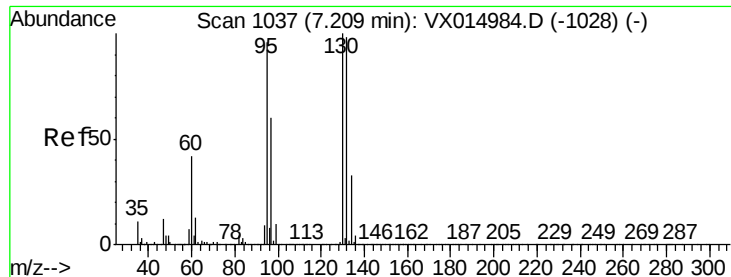
#36
1,2-Dichloroethane
Concen: 145.90 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion:	62	Resp:	933311
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.5	11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

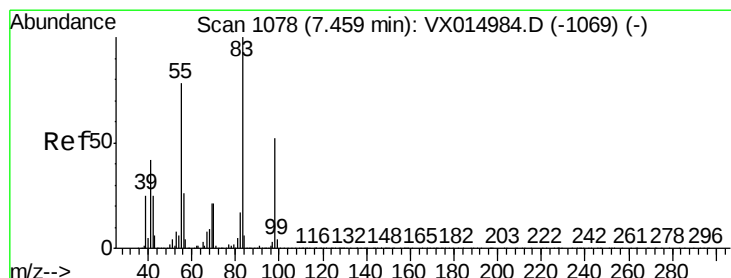
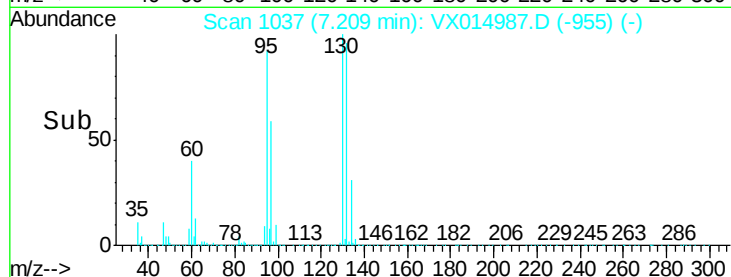
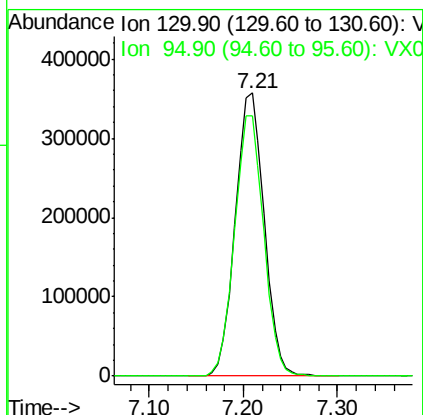
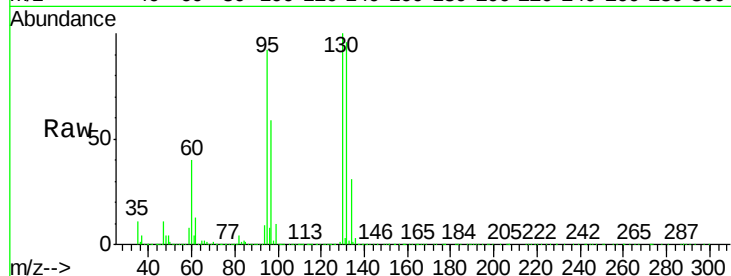




#37
 Trichloroethene
 Concen: 151.95 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

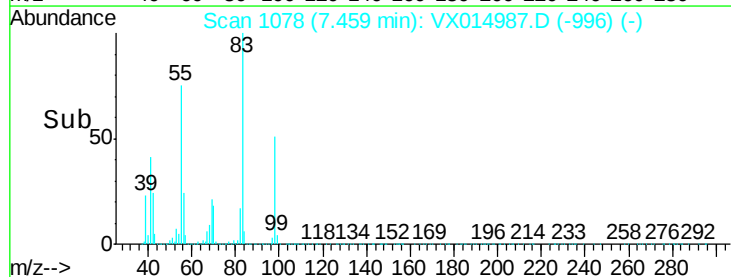
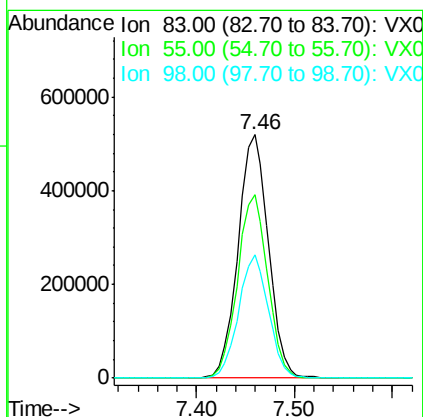
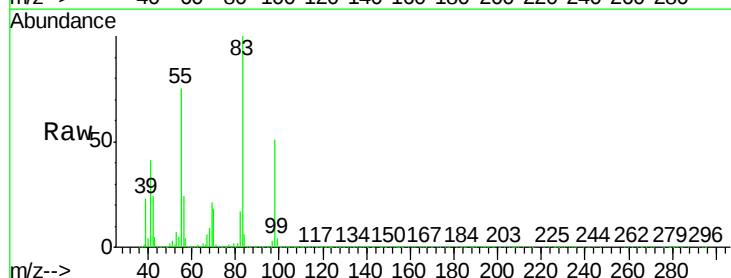
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

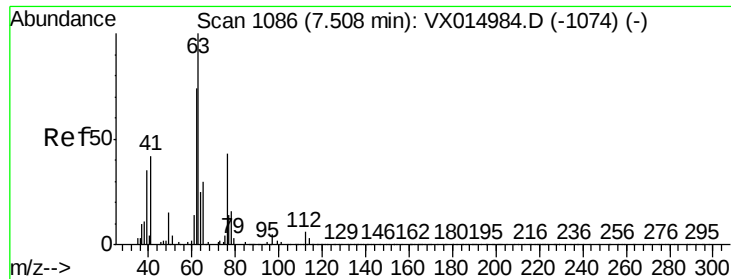
Tgt Ion: 130 Resp: 762786
 Ion Ratio Lower Upper
 130 100
 95 92.1 77.1 115.7



#38
 Methylcyclohexane
 Concen: 150.74 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 83 Resp: 1114738
 Ion Ratio Lower Upper
 83 100
 55 75.0 38.2 114.6
 98 50.0 25.3 75.8





#39

1,2-Dichloropropane

Concen: 145.87 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

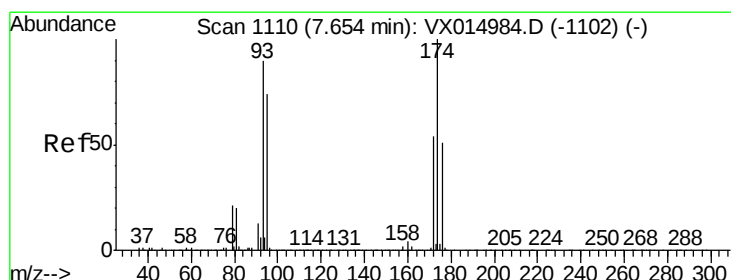
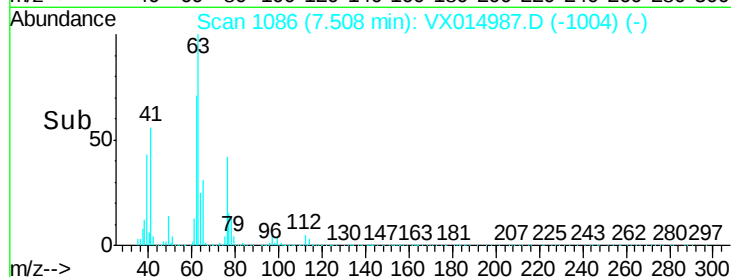
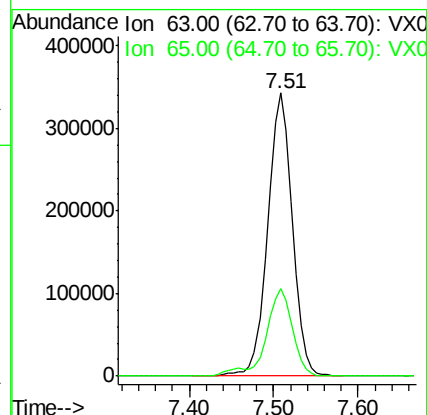
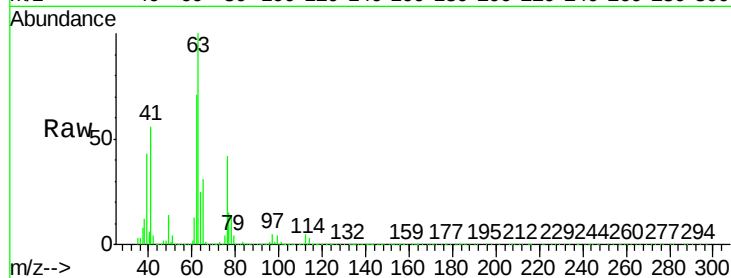
VSTDIC150

Tgt Ion: 63 Resp: 693326

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#40

Dibromomethane

Concen: 148.95 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

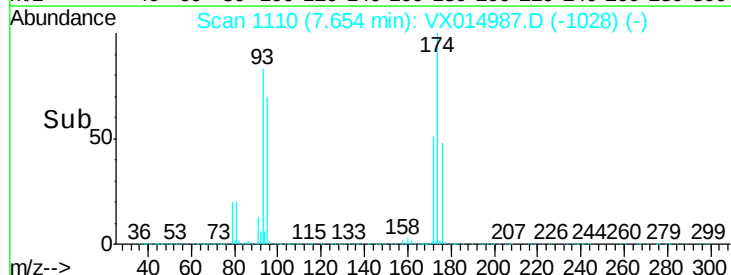
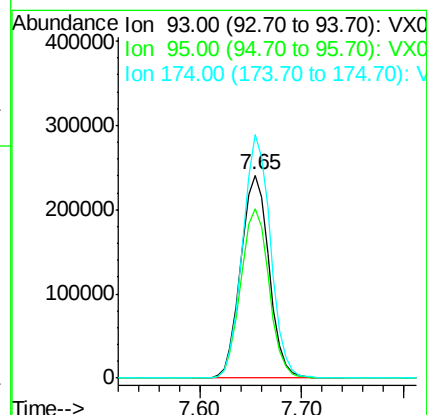
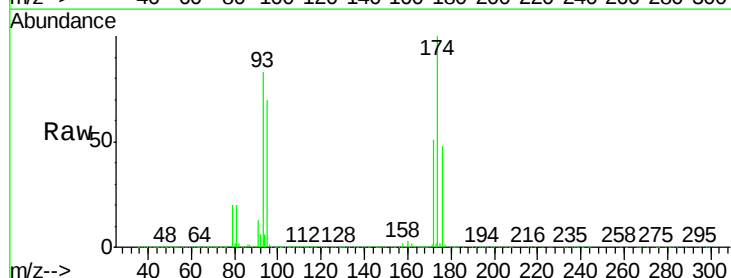
Tgt Ion: 93 Resp: 461106

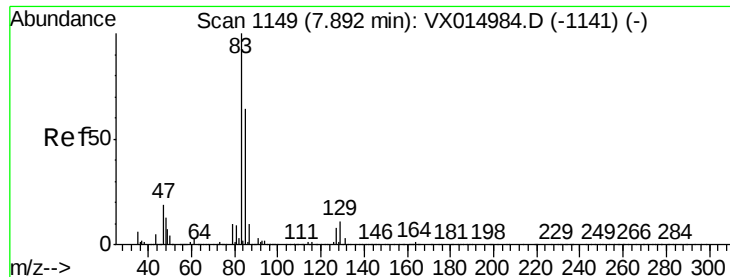
Ion Ratio Lower Upper

93 100

95 83.3 0.0 164.6

174 118.5 0.0 226.4





#41

Bromodichloromethane

Concen: 156.19 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

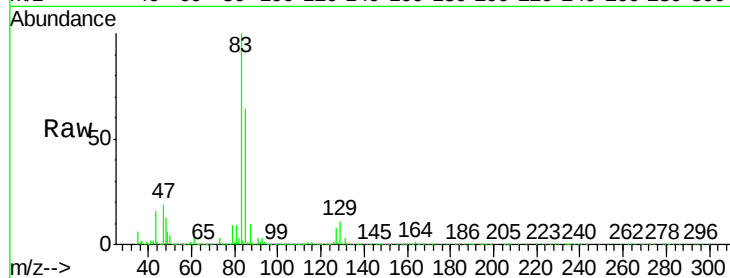
Tgt Ion: 83 Resp: 946074

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.4

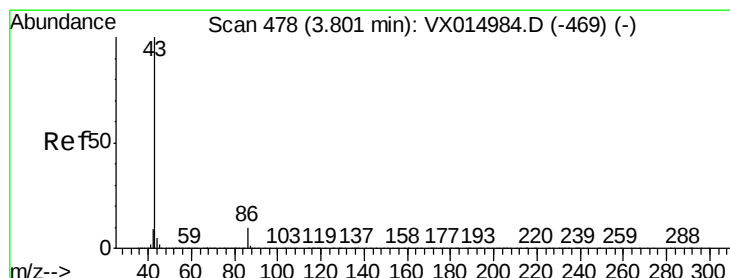
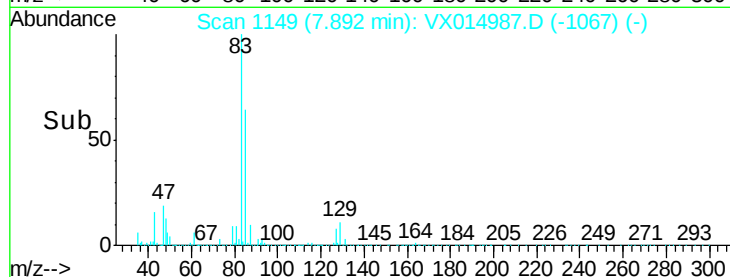
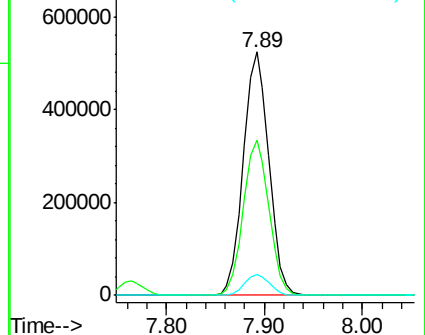
127 8.4 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 780.31 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014987.D

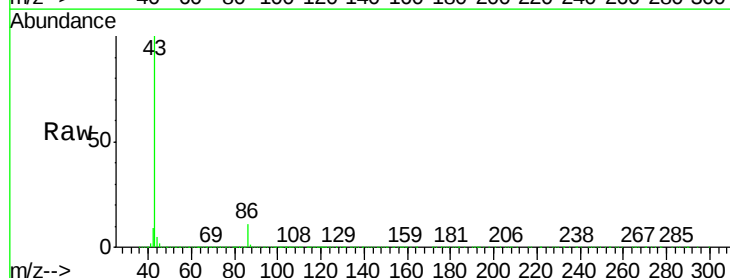
Acq: 21 Feb 2020 10:44

Tgt Ion: 43 Resp: 9158888

Ion Ratio Lower Upper

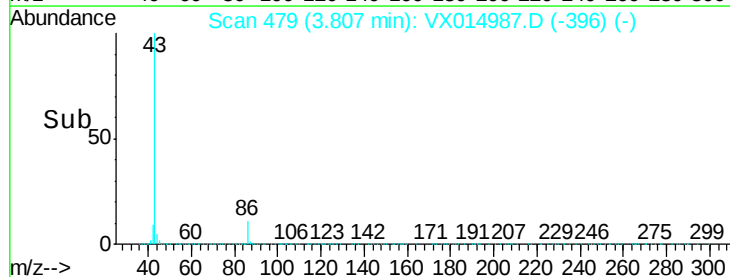
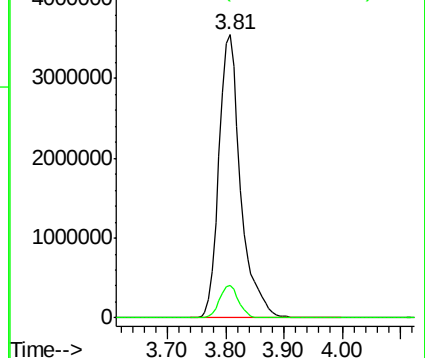
43 100

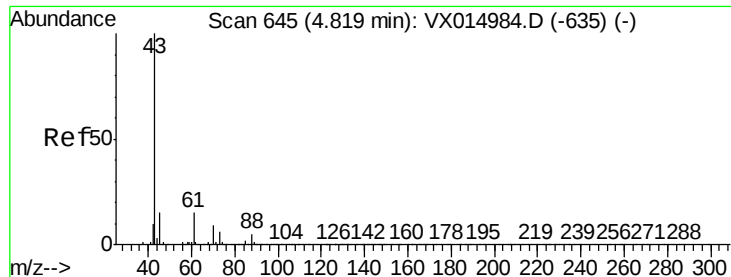
86 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

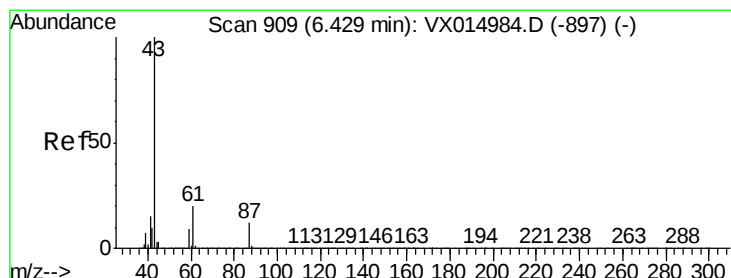
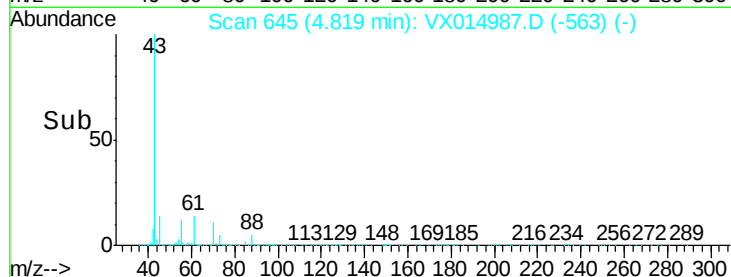
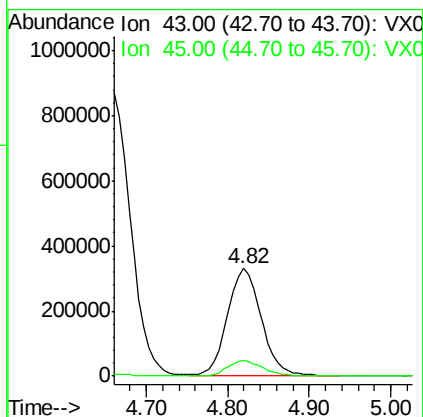
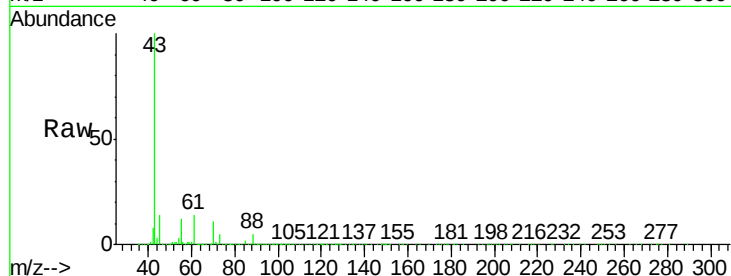




#43
Ethyl Acetate
Concen: 142.06 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

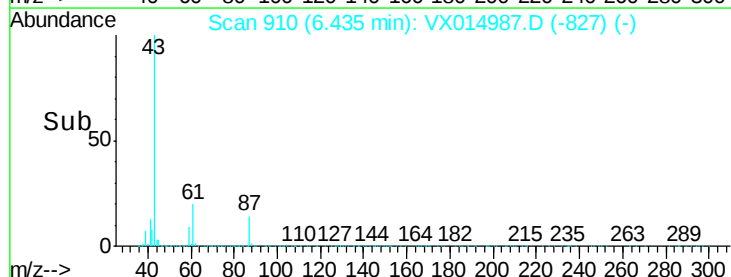
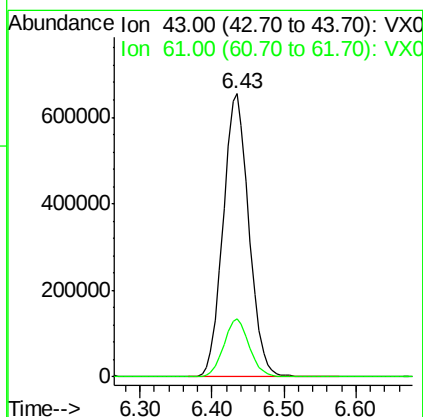
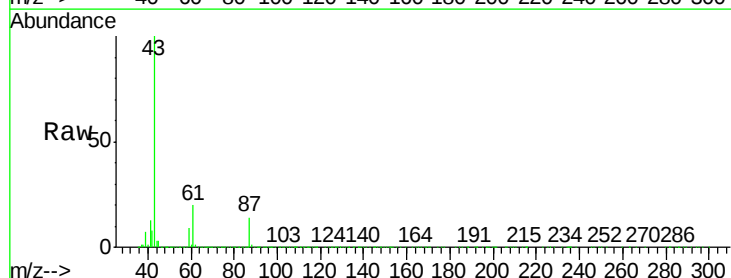
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

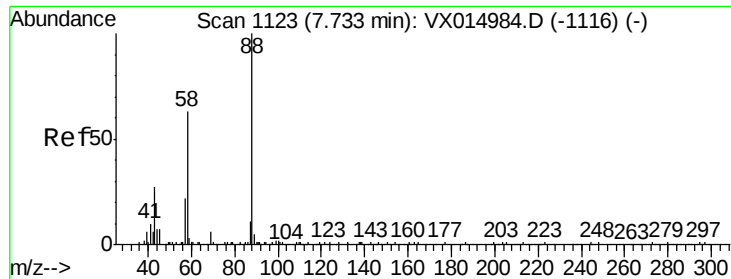
Tgt Ion: 43 Resp: 951795
Ion Ratio Lower Upper
43 100
45 14.9 10.8 16.2



#44
Isopropyl Acetate
Concen: 149.00 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 43 Resp: 1625529
Ion Ratio Lower Upper
43 100
61 20.2 15.6 23.4

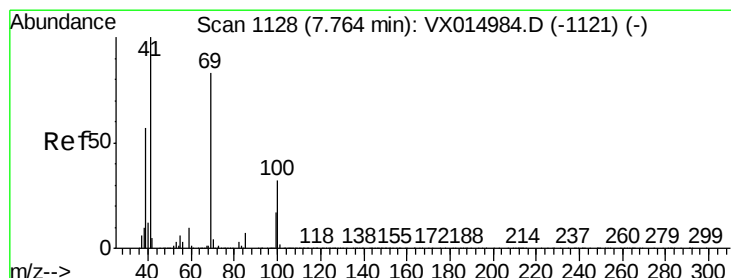
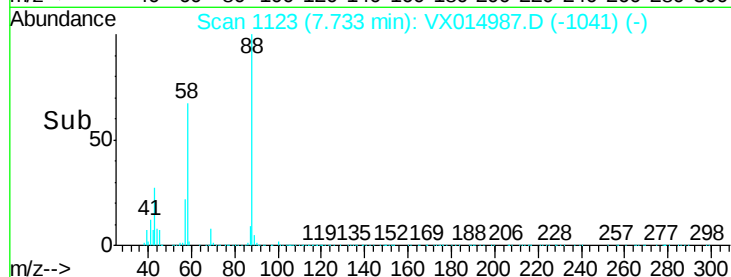
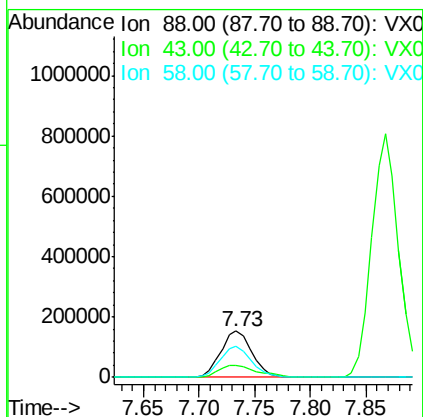
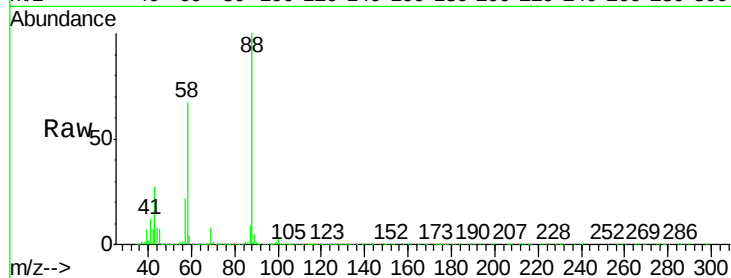




#45
1,4-Dioxane
Concen: 2749.40 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

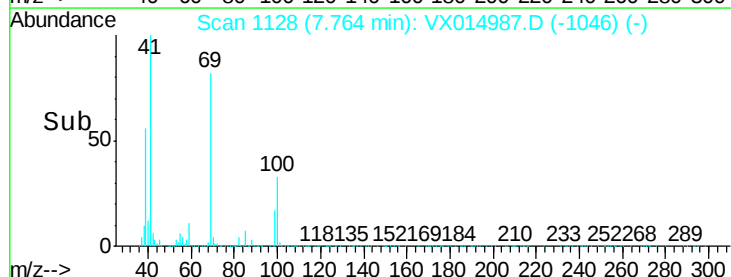
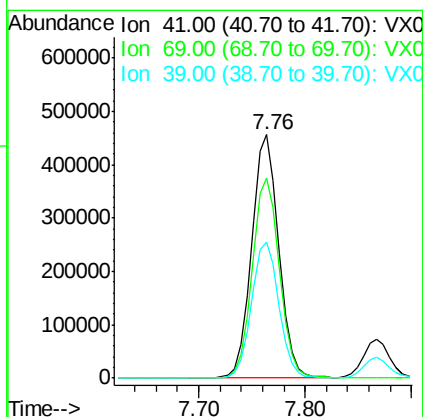
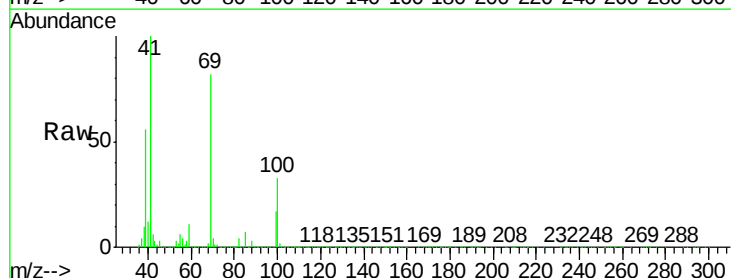
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

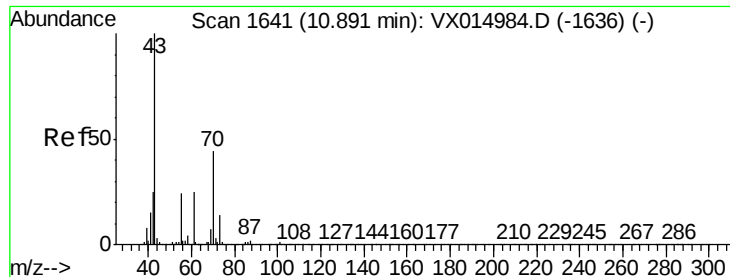
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	68.7	55.8	83.8



#46
Methyl methacrylate
Concen: 152.10 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.0	41.4	124.2
39	55.9	28.3	84.9





#47

n-amy1 Acetate

Concen: 162.32 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

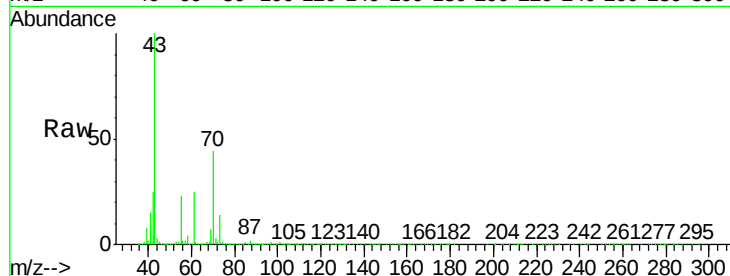
VSTDICC150

Tgt Ion: 43 Resp: 1499655

Ion Ratio Lower Upper

43 100

55 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

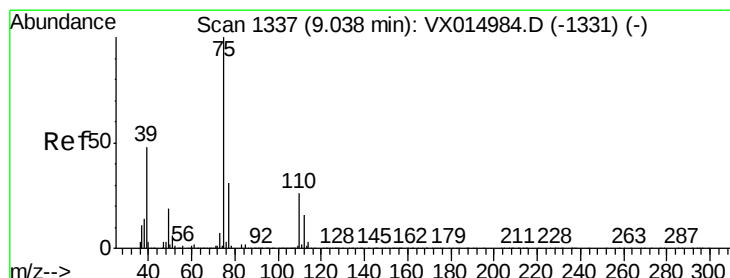
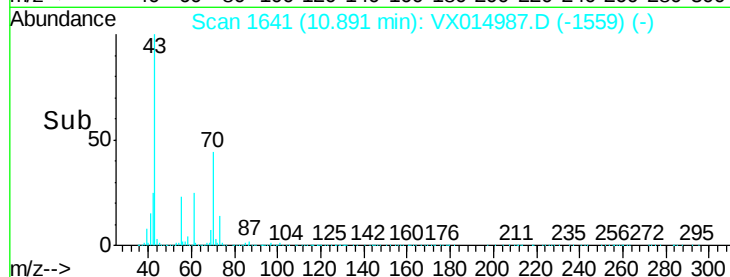
1500000

1000000

500000

0

Time--> 10.80 10.90 11.00



#48

t-1,3-Dichloropropene

Concen: 165.90 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014987.D

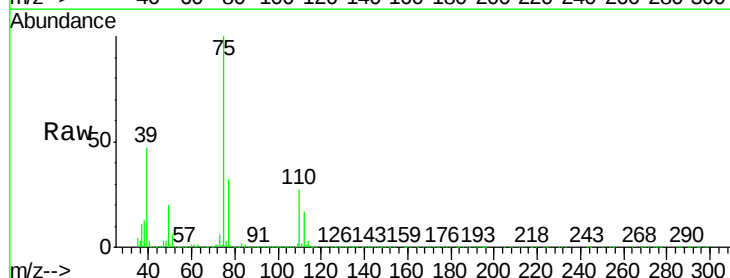
Acq: 21 Feb 2020 10:44

Tgt Ion: 75 Resp: 1096763

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

800000

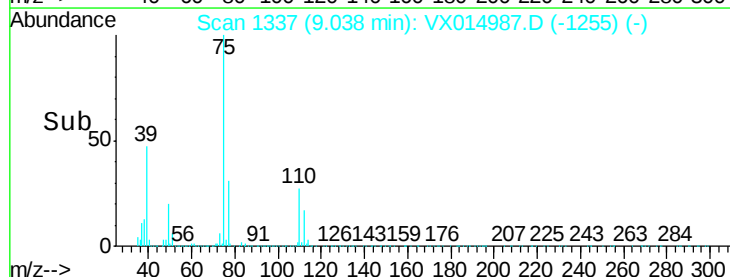
600000

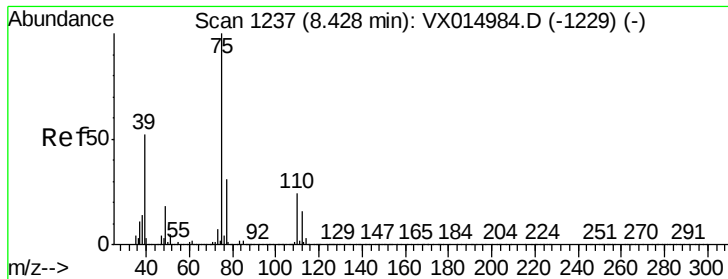
400000

200000

0

Time--> 9.00 9.10 9.20



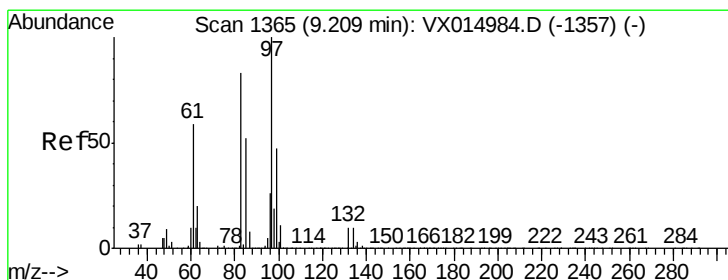
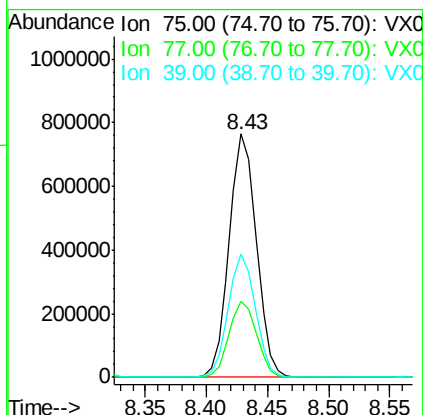
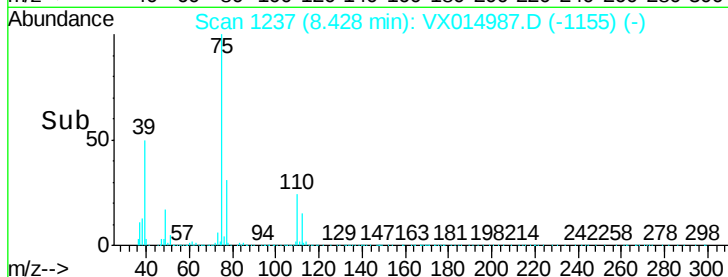
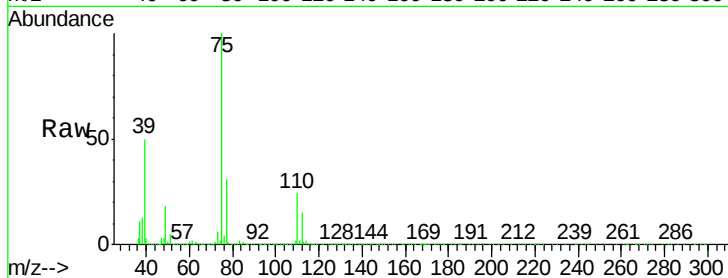


#49

cis-1,3-Dichloropropene
Concen: 158.49 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

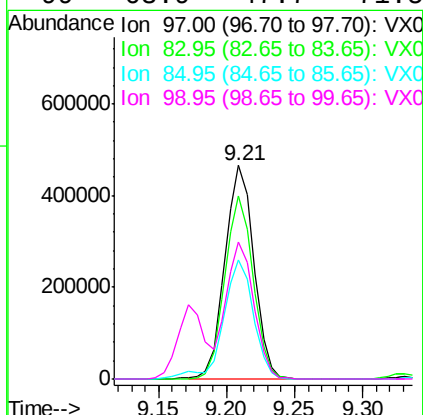
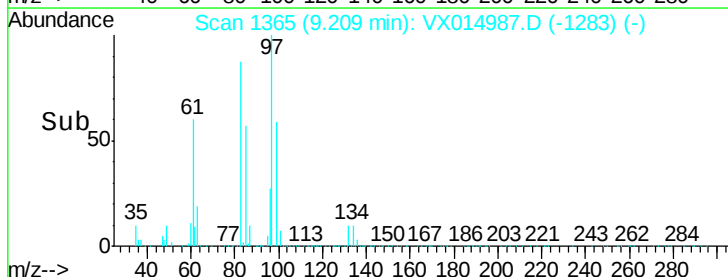
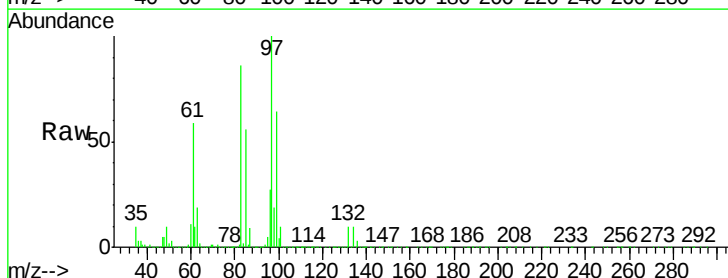
Tgt Ion: 75 Resp: 1178076
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 50.4 41.5 62.3

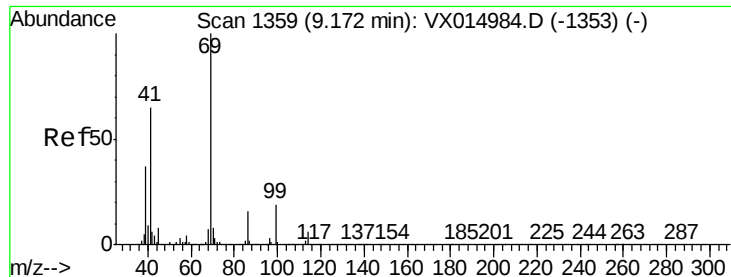


#50

1,1,2-Trichloroethane
Concen: 147.05 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 97 Resp: 687958
Ion Ratio Lower Upper
97 100
83 85.6 66.2 99.2
85 55.8 42.4 63.6
99 63.9 47.7 71.5





#51

Ethyl methacrylate

Concen: 156.74 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

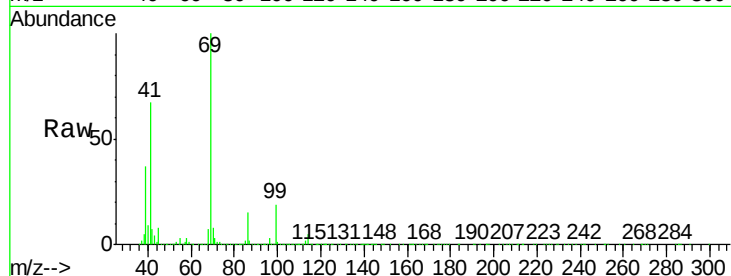
Tgt Ion: 69 Resp: 1141846

Ion Ratio Lower Upper

69 100

41 66.7 32.7 98.1

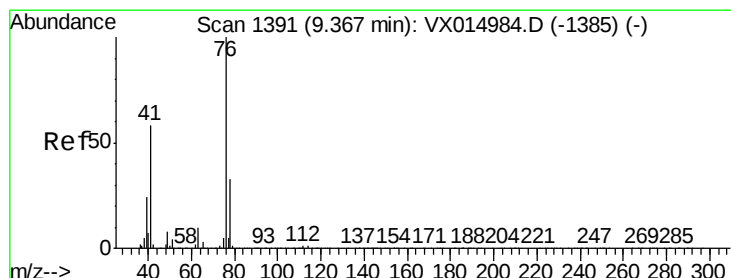
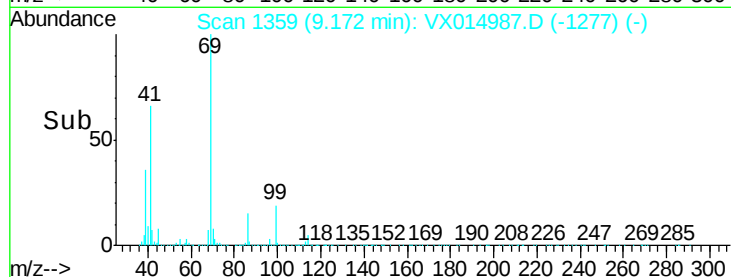
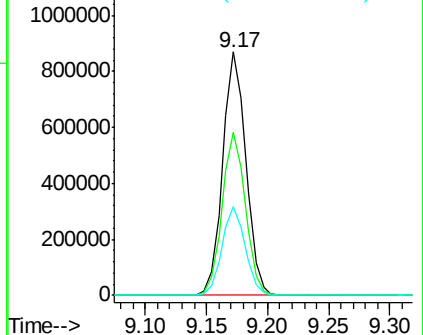
39 36.6 18.2 54.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 146.73 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014987.D

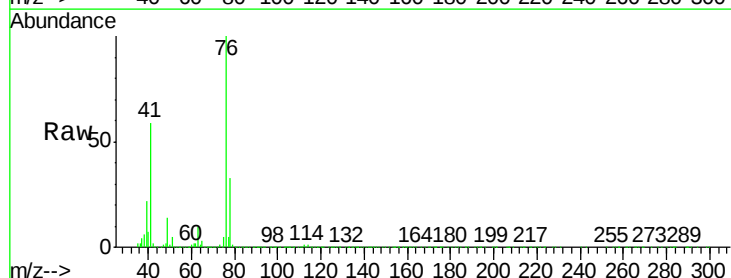
Acq: 21 Feb 2020 10:44

Tgt Ion: 76 Resp: 1163027

Ion Ratio Lower Upper

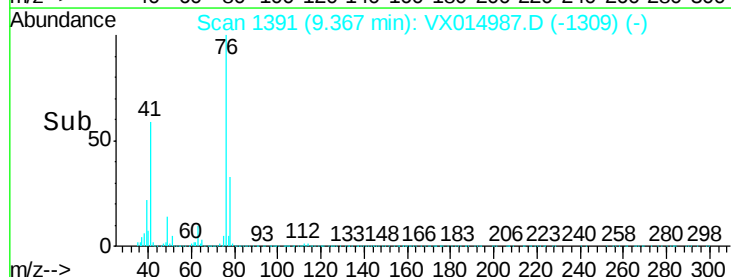
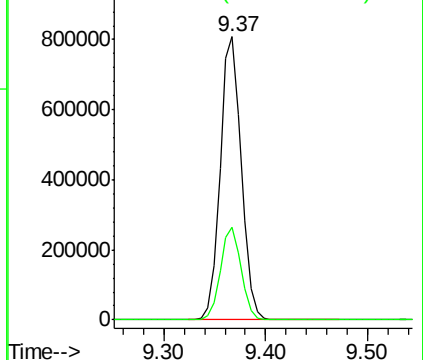
76 100

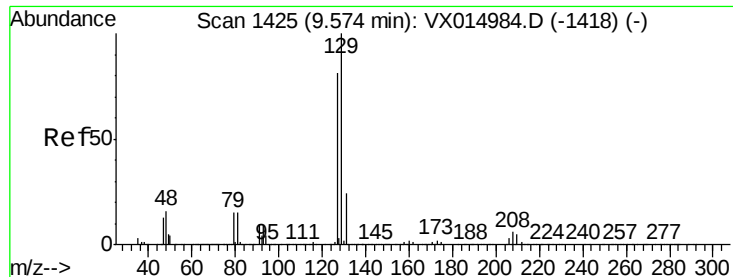
78 32.1 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 164.09 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

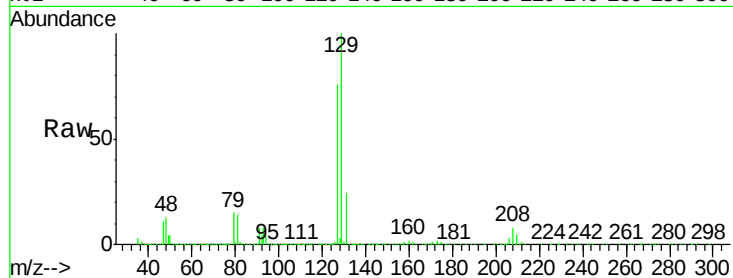
VSTDIC150

Tgt Ion:129 Resp: 795290

Ion Ratio Lower Upper

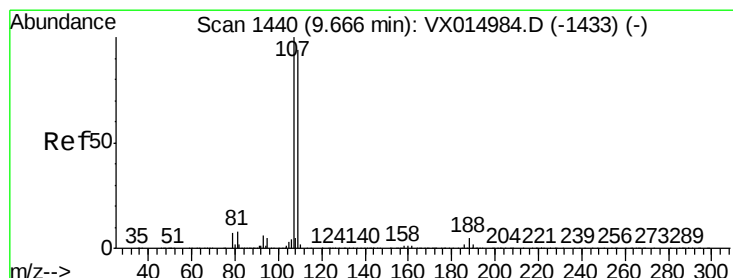
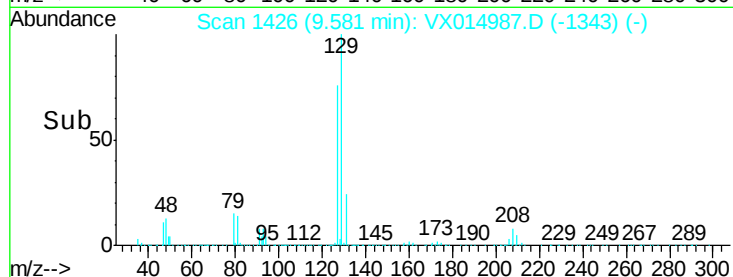
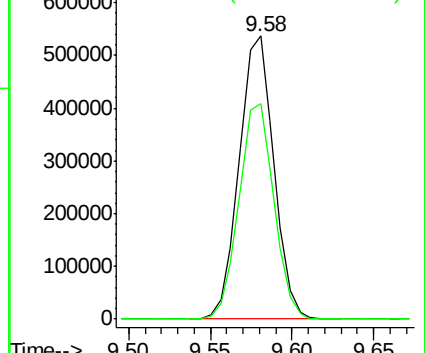
129 100

127 76.9 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 151.04 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014987.D

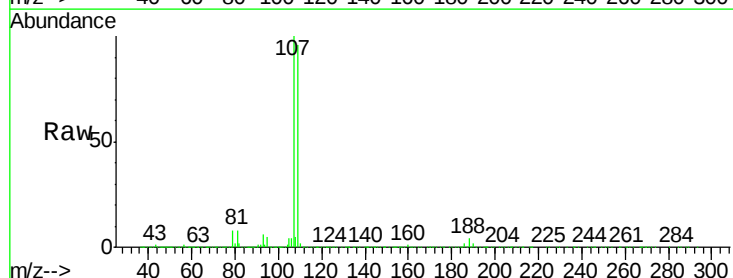
Acq: 21 Feb 2020 10:44

Tgt Ion:107 Resp: 732458

Ion Ratio Lower Upper

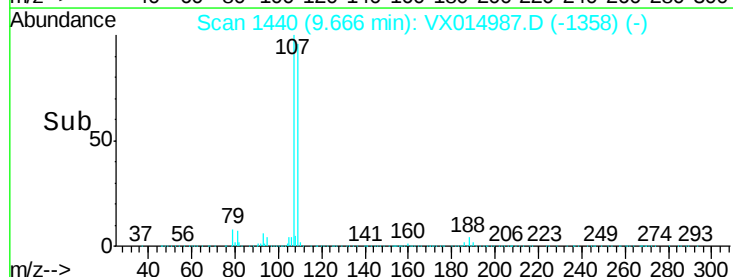
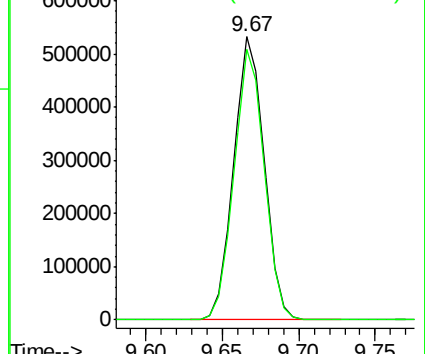
107 100

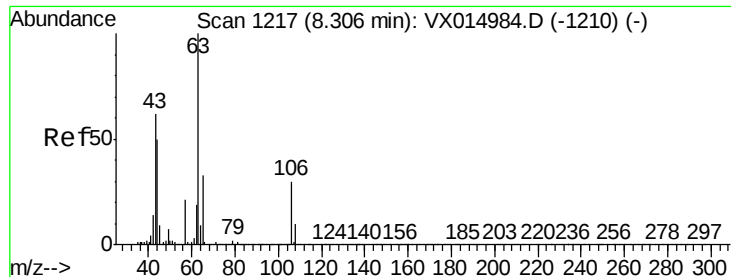
109 95.0 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 822.79 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

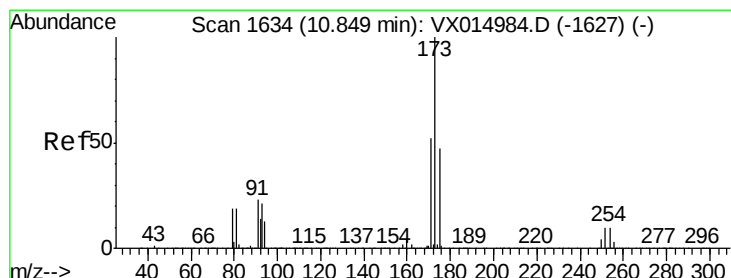
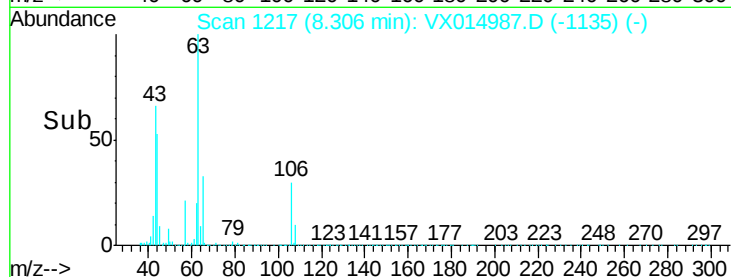
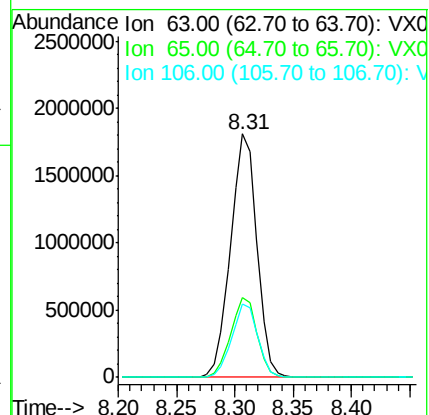
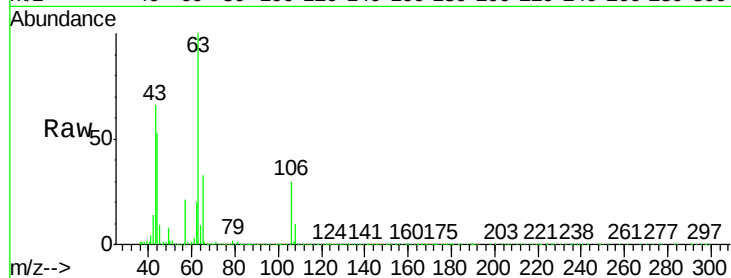
Tgt Ion: 63 Resp: 2836651

Ion Ratio Lower Upper

63 100

65 32.8 26.0 39.0

106 30.0 23.9 35.9



#56

Bromoform

Concen: 174.96 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

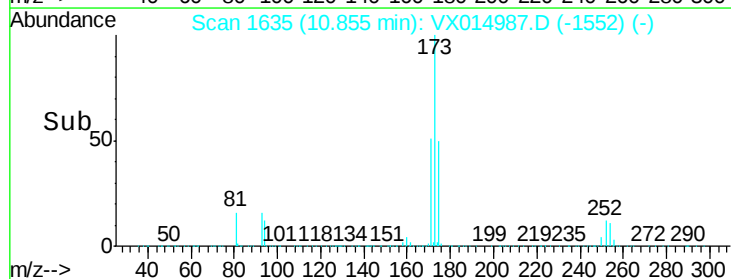
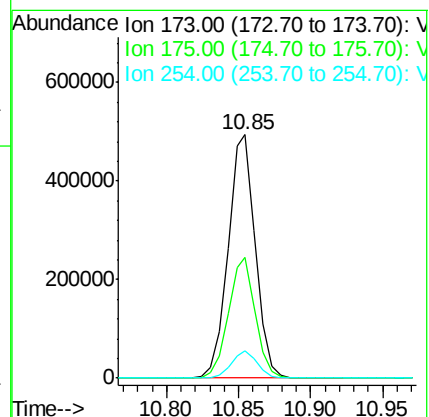
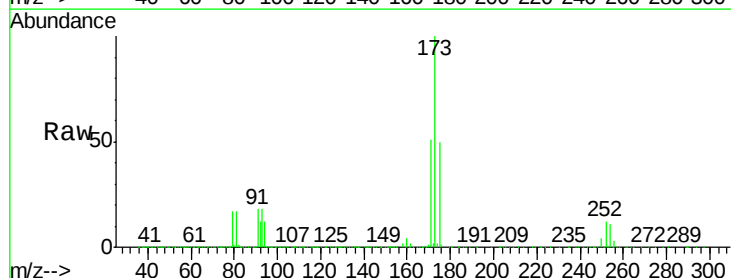
Tgt Ion: 173 Resp: 653303

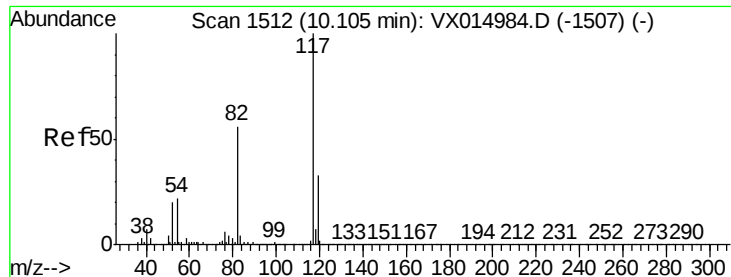
Ion Ratio Lower Upper

173 100

175 49.0 38.6 57.8

254 10.9 8.6 13.0

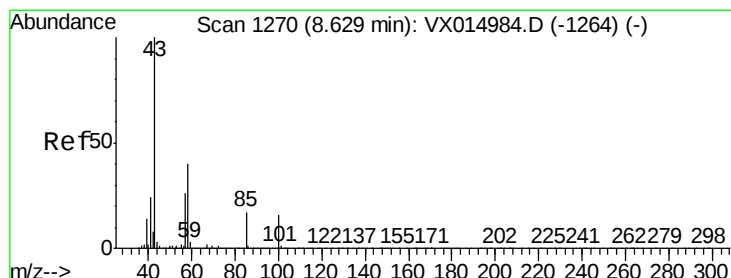
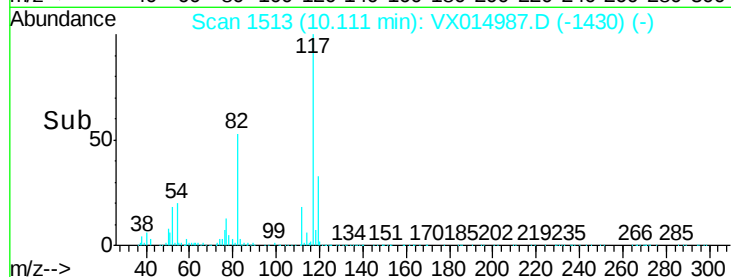
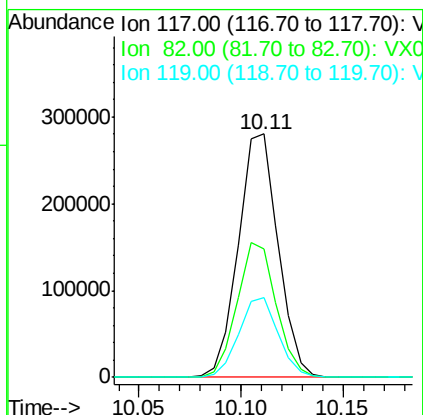
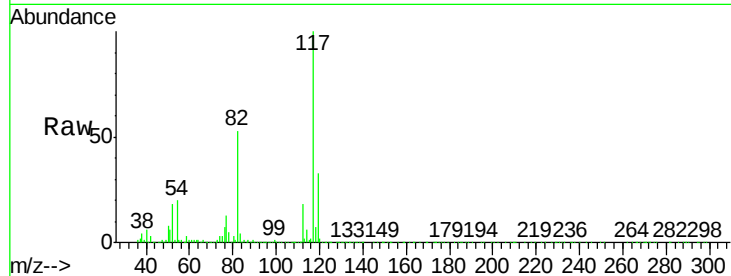




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

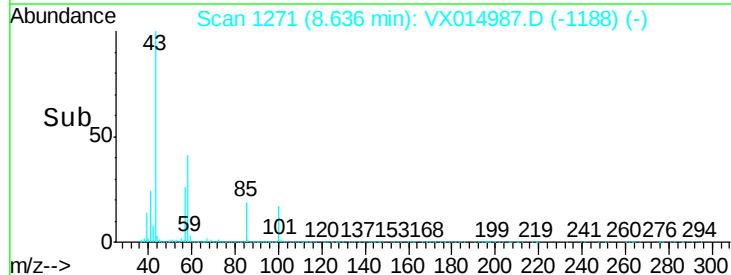
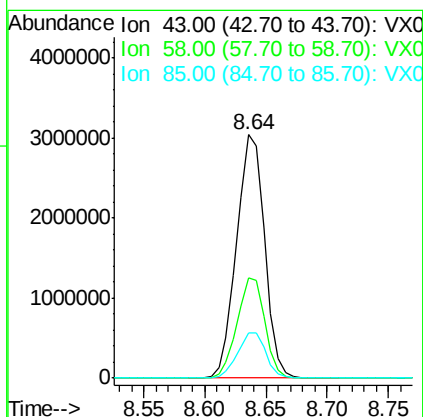
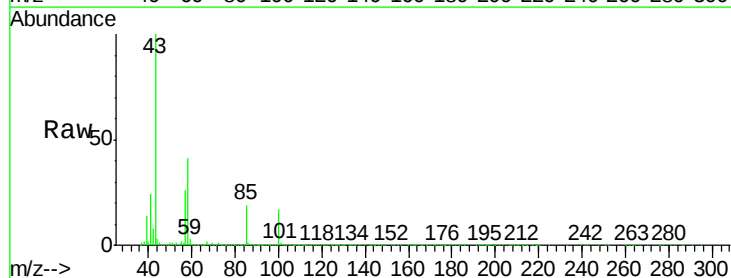
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

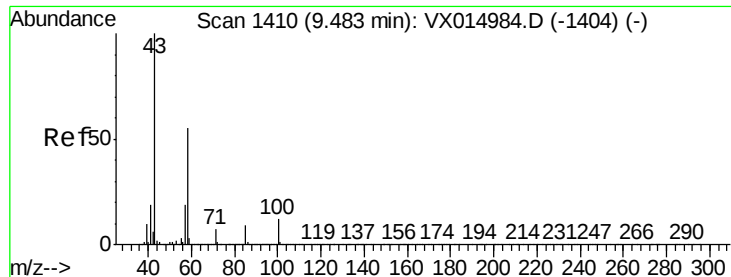
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	32.6	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 699.87 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	31.7	47.5
85	18.6	14.4	21.6

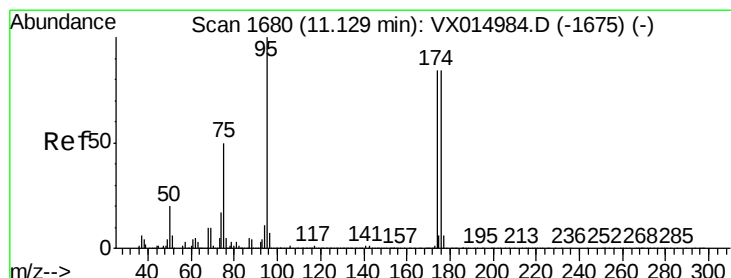
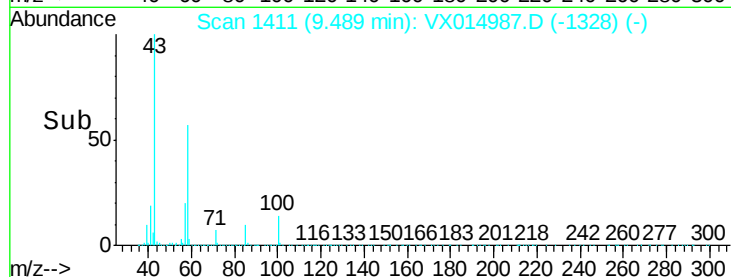
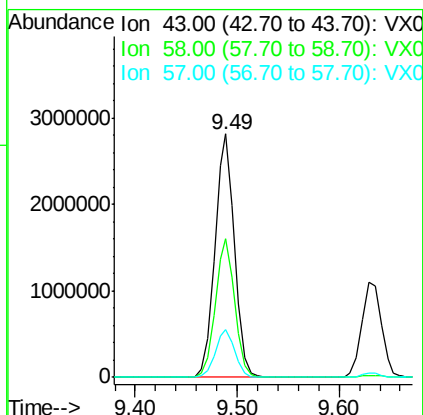
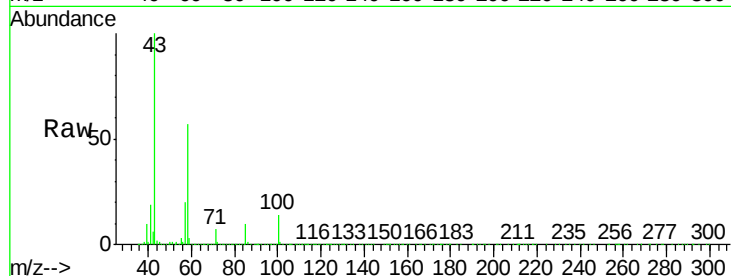




#59
2-Hexanone
Concen: 701.99 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

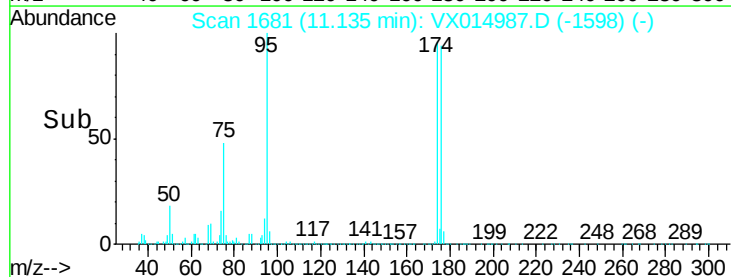
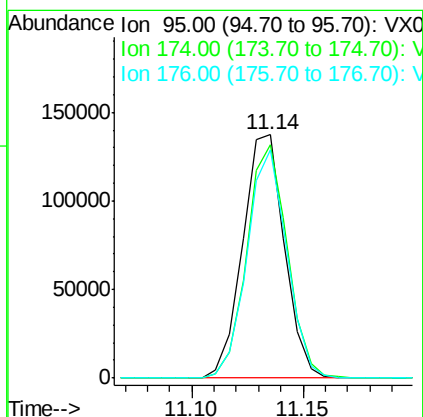
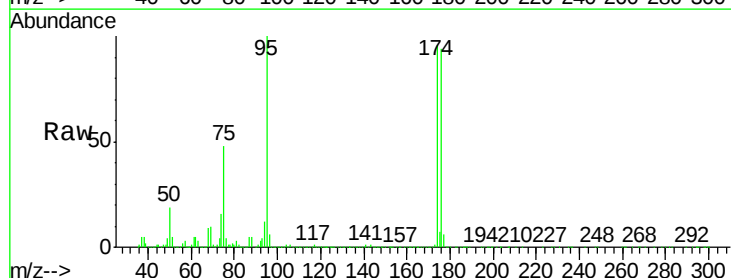
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

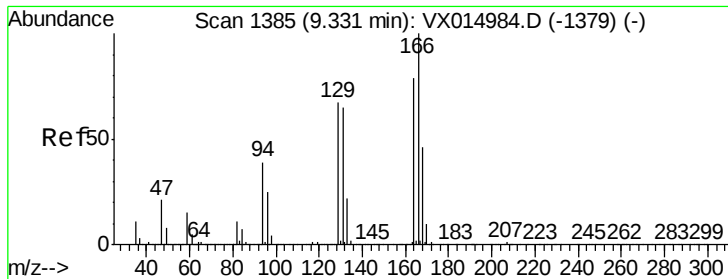
Tgt Ion: 43 Resp: 3763047
Ion Ratio Lower Upper
43 100
58 56.6 44.1 66.1
57 19.7 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.81 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 95 Resp: 180256
Ion Ratio Lower Upper
95 100
174 92.5 72.3 108.5
176 89.3 72.0 108.0





#61

Tetrachloroethene

Concen: 134.39 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 736921

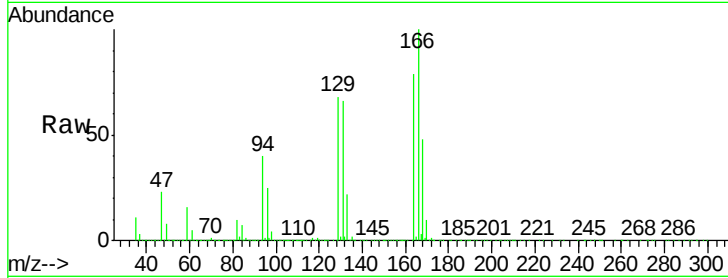
Ion Ratio Lower Upper

164 100

166 126.5 101.2 151.8

129 86.6 67.6 101.4

131 83.9 66.0 99.0

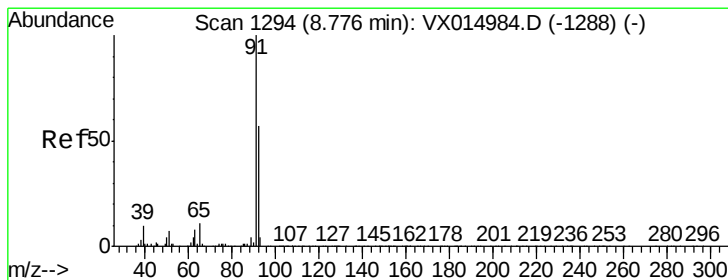
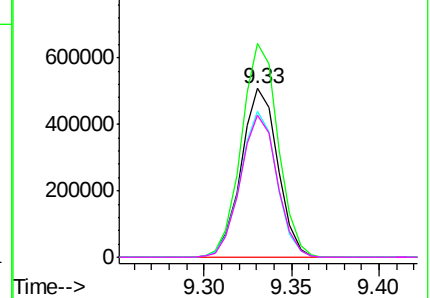
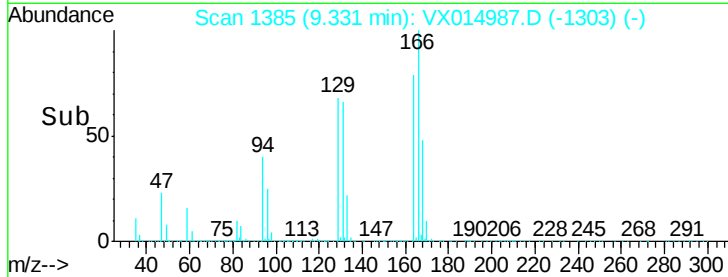


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 147.26 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014987.D

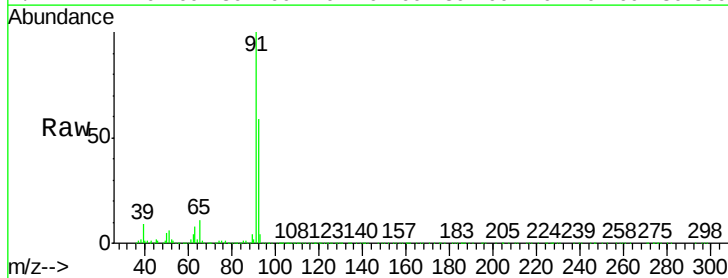
Acq: 21 Feb 2020 10:44

Tgt Ion: 91 Resp: 2925758

Ion Ratio Lower Upper

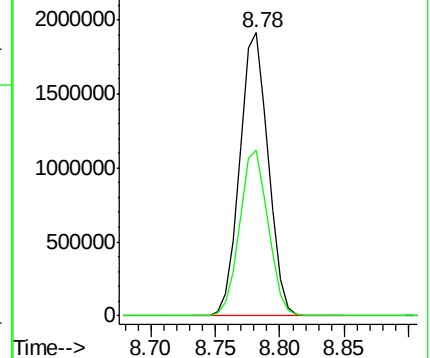
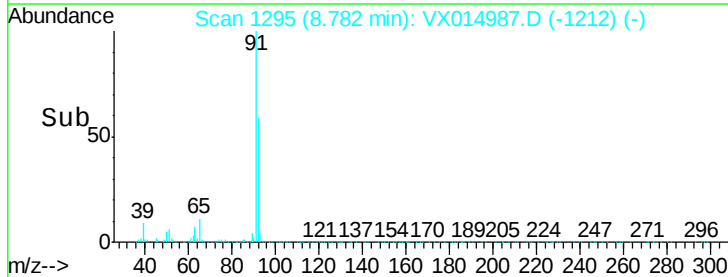
91 100

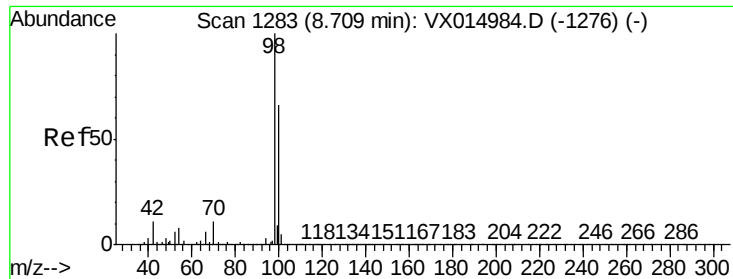
92 58.6 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.91 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

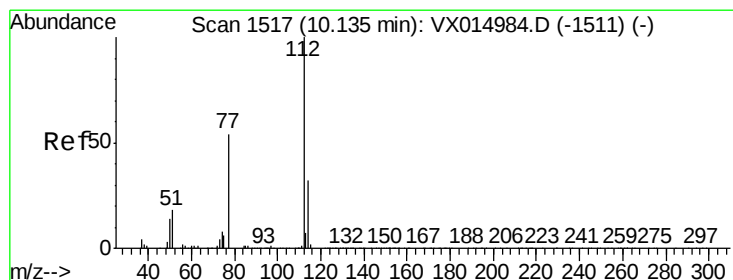
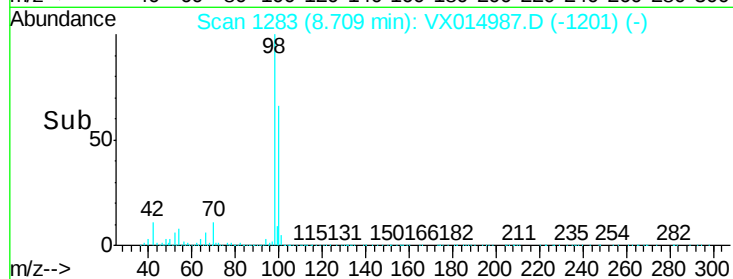
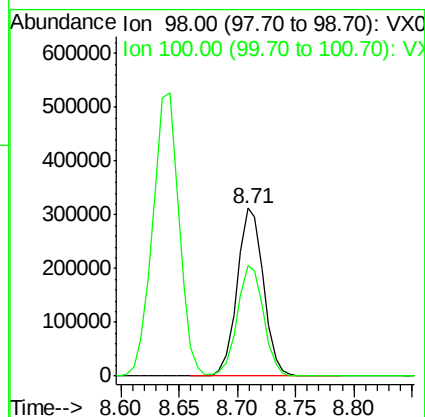
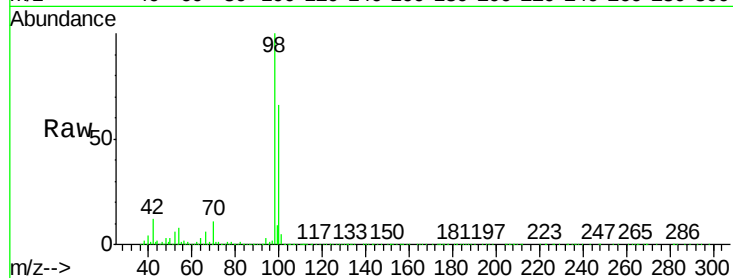
VSTDIC150

Tgt Ion: 98 Resp: 492426

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2



#64

Chlorobenzene

Concen: 152.74 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014987.D

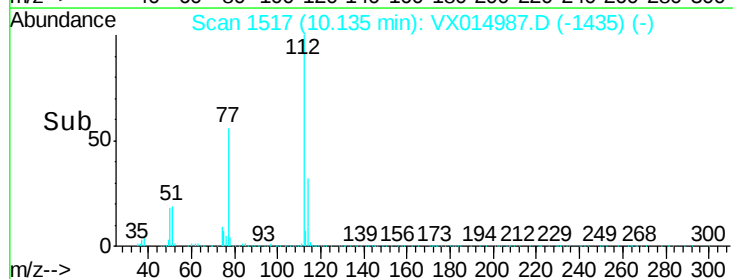
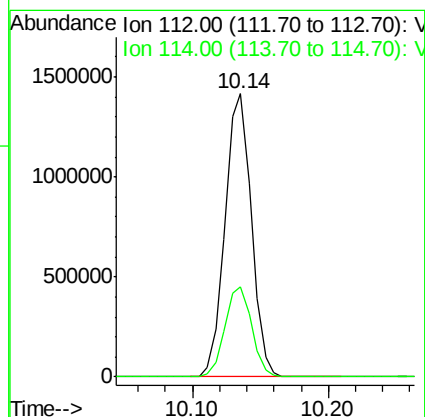
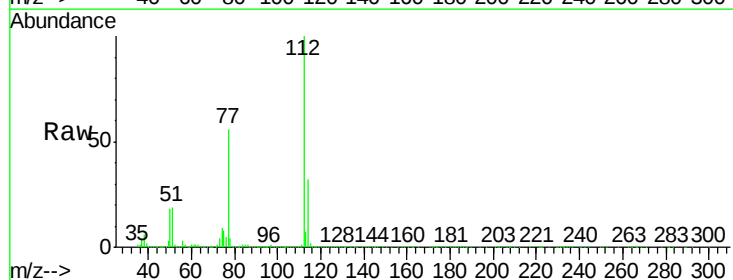
Acq: 21 Feb 2020 10:44

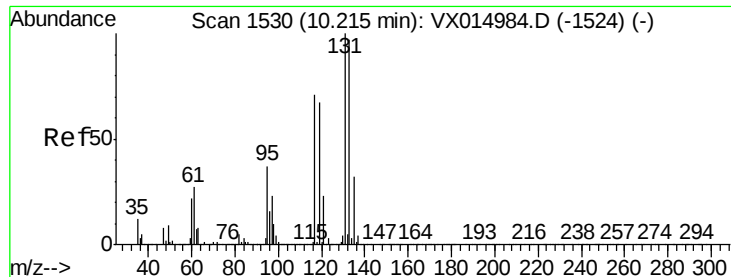
Tgt Ion: 112 Resp: 1900086

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 156.55 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

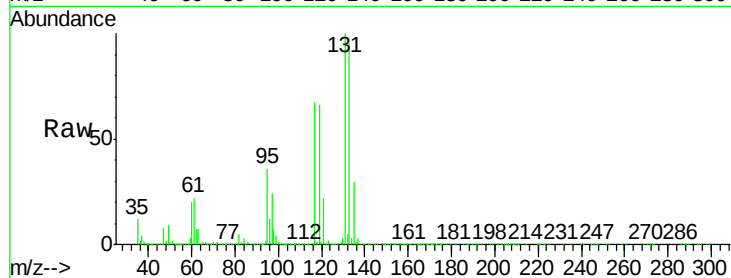
Tgt Ion:131 Resp: 719954

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.4

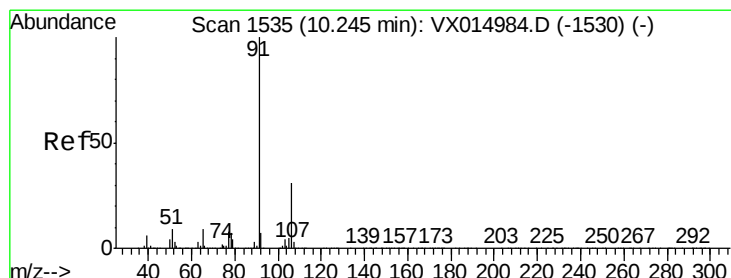
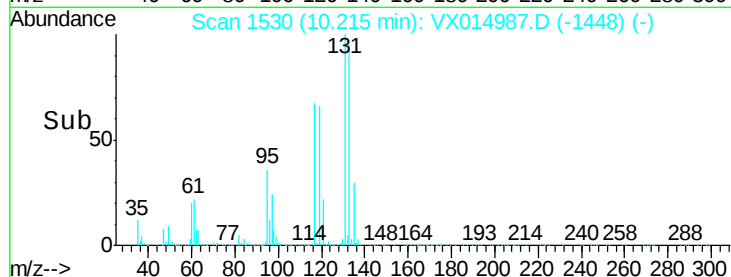
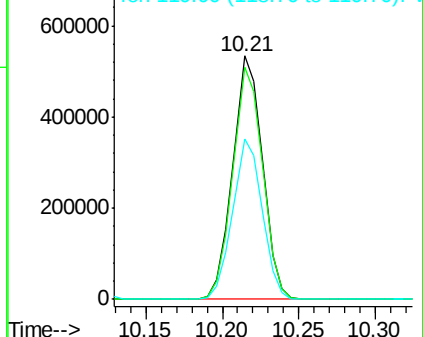
119 65.6 0.0 132.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 153.33 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014987.D

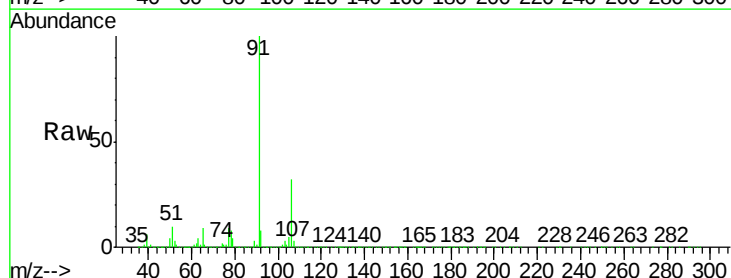
Acq: 21 Feb 2020 10:44

Tgt Ion: 91 Resp: 3329479

Ion Ratio Lower Upper

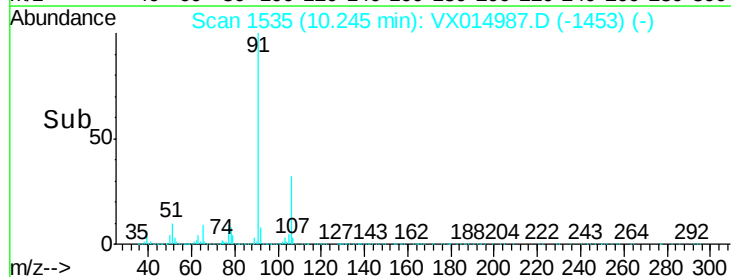
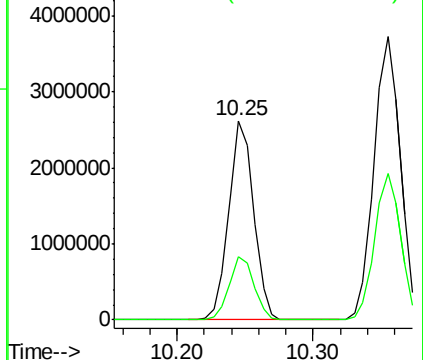
91 100

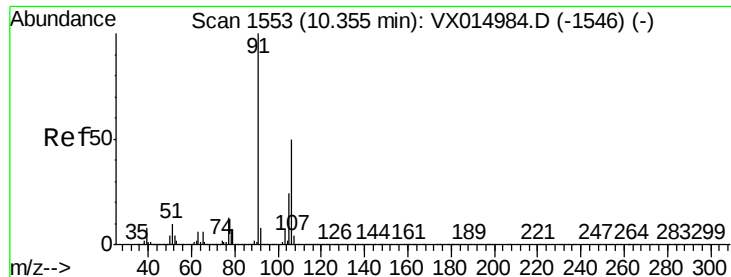
106 31.6 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 308.93 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

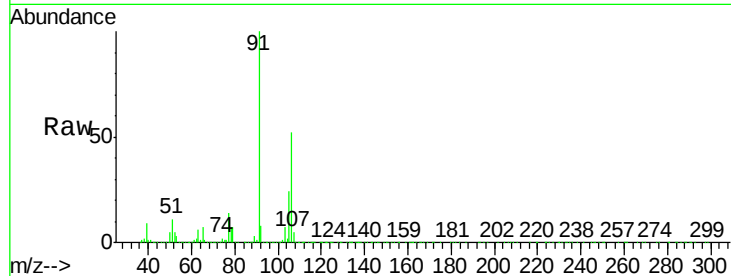
VSTDIC150

Tgt Ion:106 Resp: 2568220

Ion Ratio Lower Upper

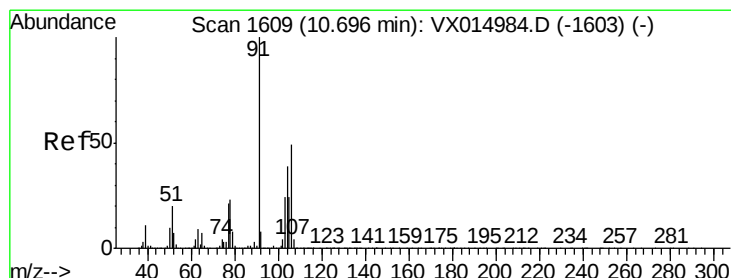
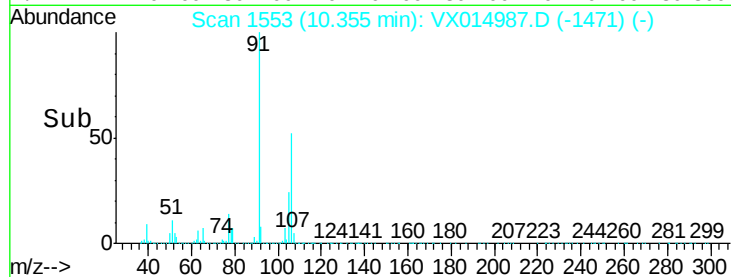
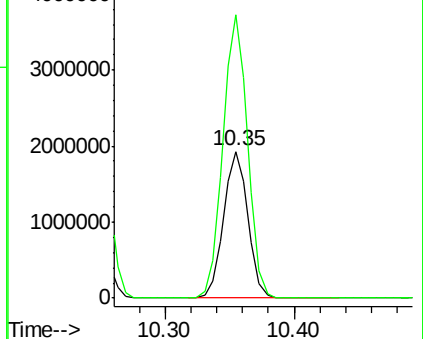
106 100

91 194.8 160.4 240.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 154.73 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014987.D

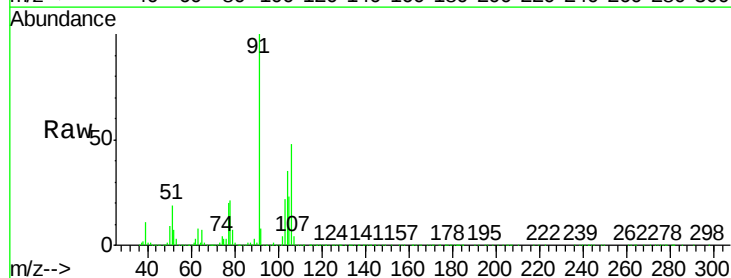
Acq: 21 Feb 2020 10:44

Tgt Ion:106 Resp: 1251705

Ion Ratio Lower Upper

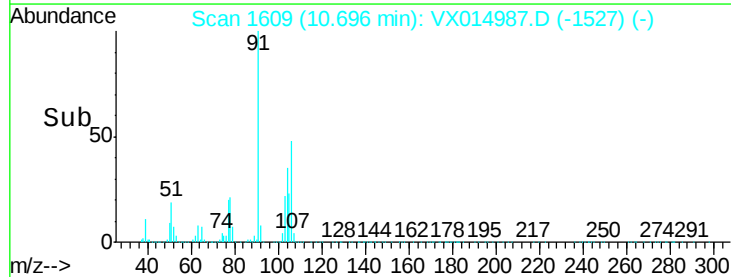
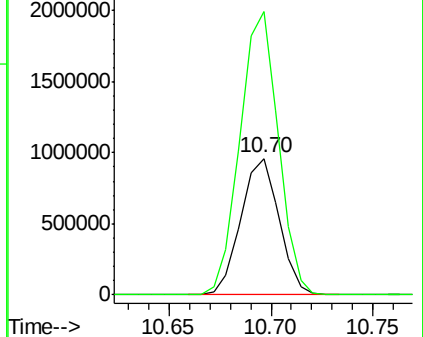
106 100

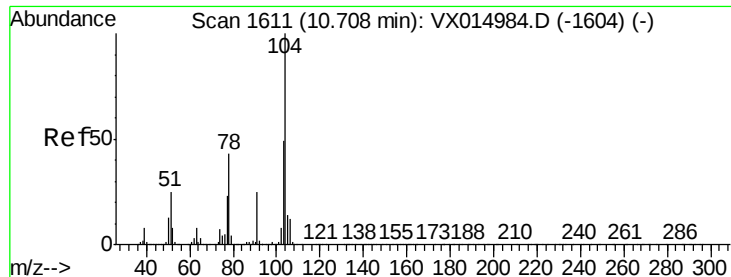
91 208.2 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

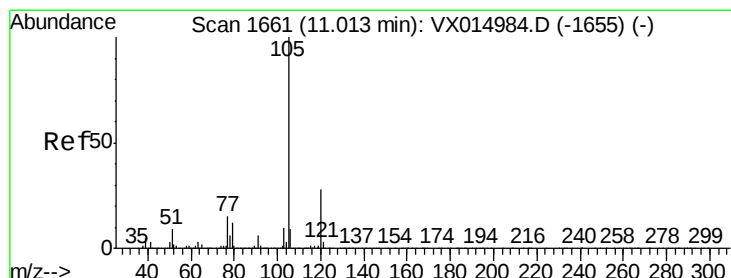
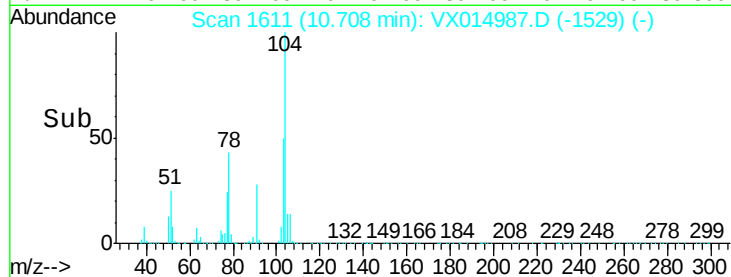
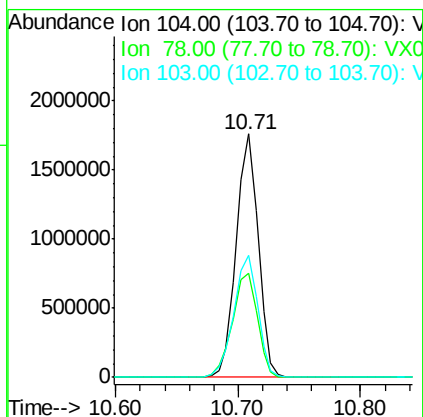
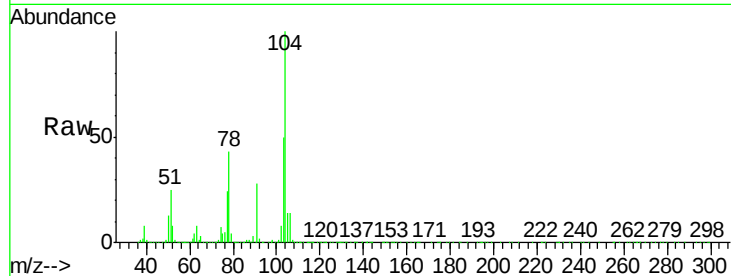




#69
Styrene
Concen: 159.30 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

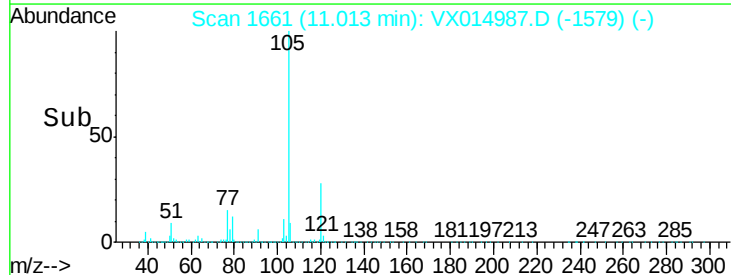
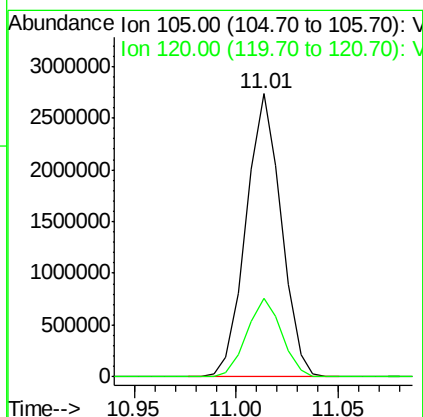
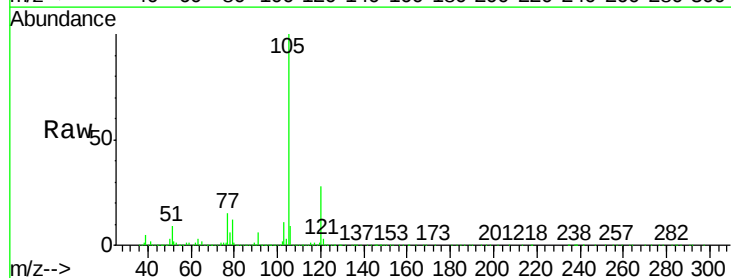
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

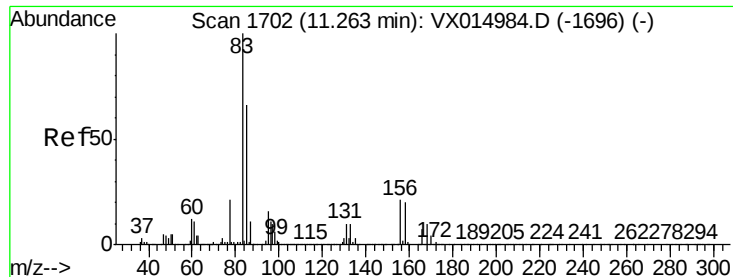
Tgt Ion:104 Resp: 2185566
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.2
103 54.7 42.9 64.3



#70
Isopropylbenzene
Concen: 153.63 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion:105 Resp: 3271973
Ion Ratio Lower Upper
105 100
120 27.6 18.8 35.0

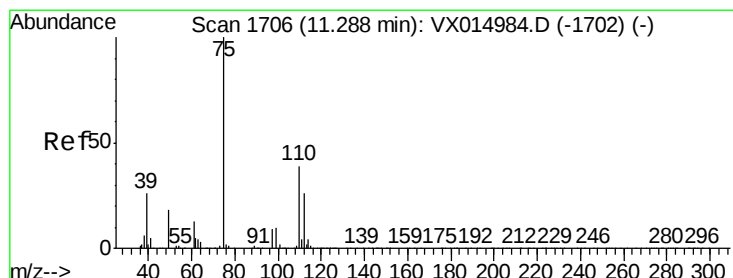
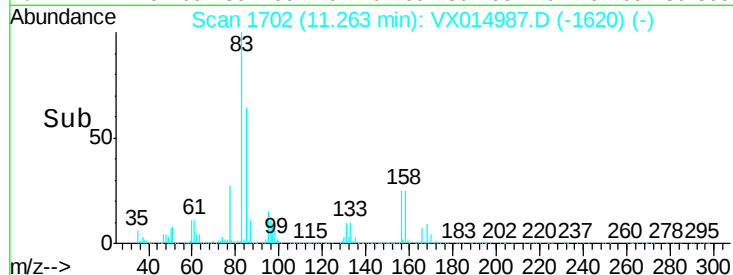
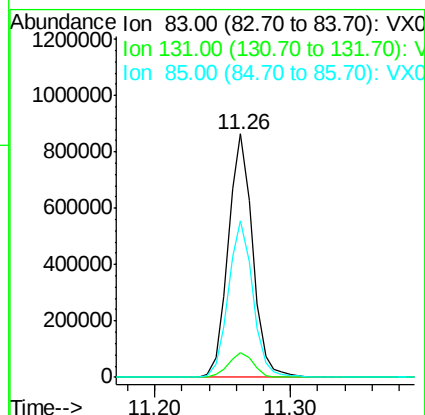
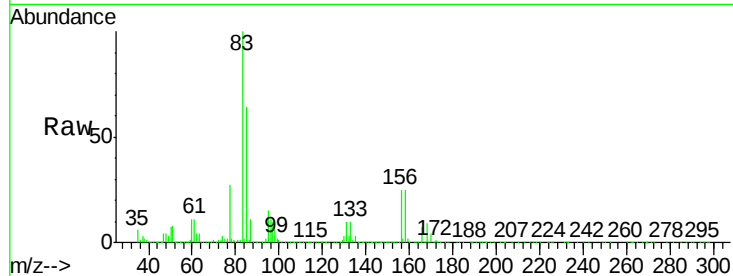




#71
 1,1,2,2-Tetrachloroethane
 Concen: 151.16 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

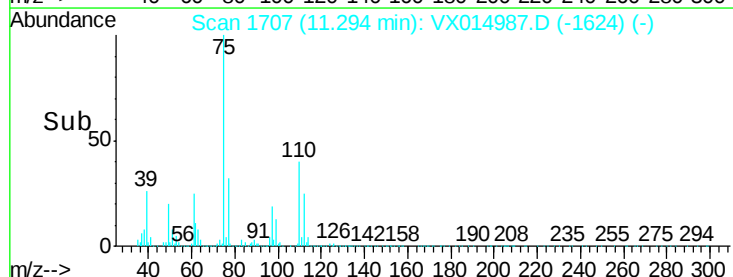
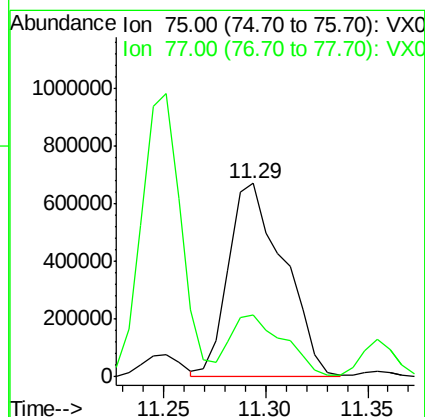
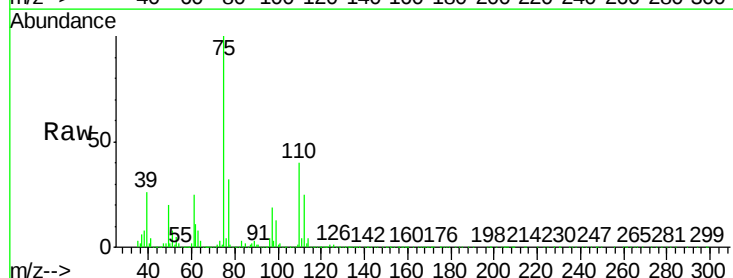
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

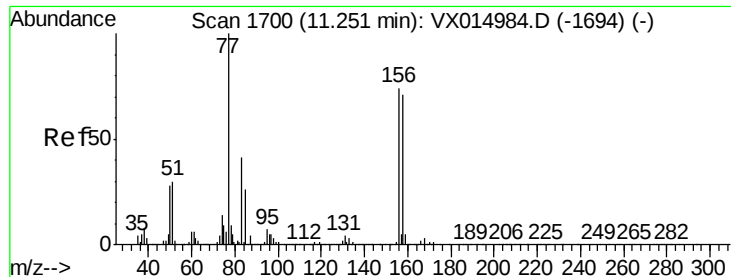
Tgt Ion: 83 Resp: 1072204
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.4
 85 64.7 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 204.62 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 75 Resp: 1270107
 Ion Ratio Lower Upper
 75 100
 77 30.8 0.0 75.4





#73

Bromobenzene

Concen: 158.35 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

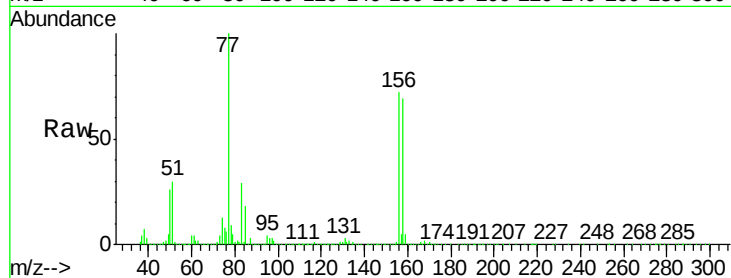
Tgt Ion:156 Resp: 896848

Ion Ratio Lower Upper

156 100

77 147.3 0.0 286.8

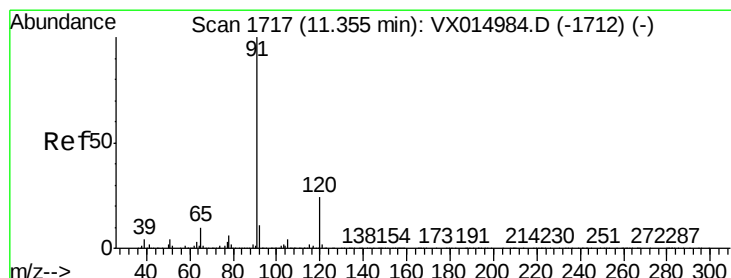
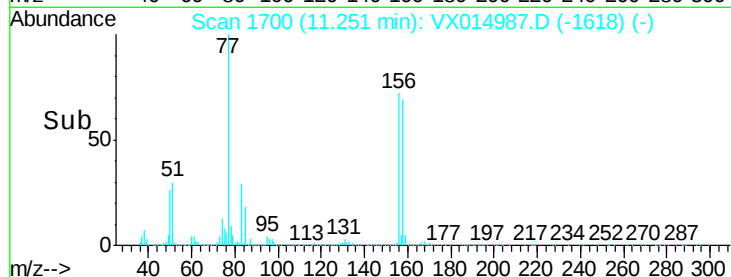
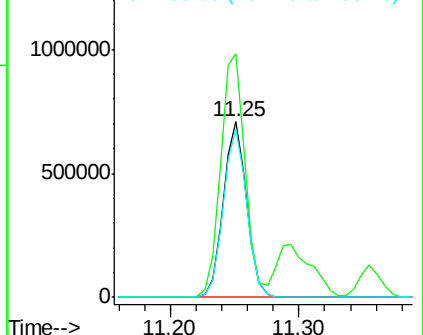
158 96.9 0.0 191.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 156.47 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014987.D

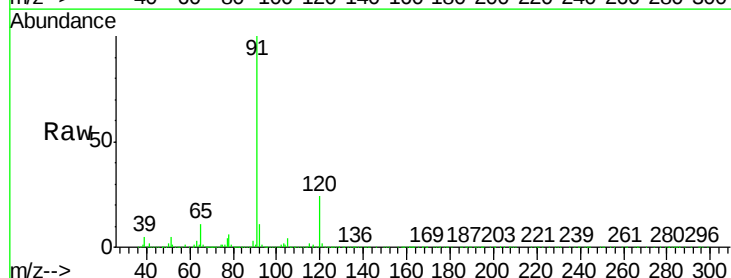
Acq: 21 Feb 2020 10:44

Tgt Ion: 91 Resp: 3811755

Ion Ratio Lower Upper

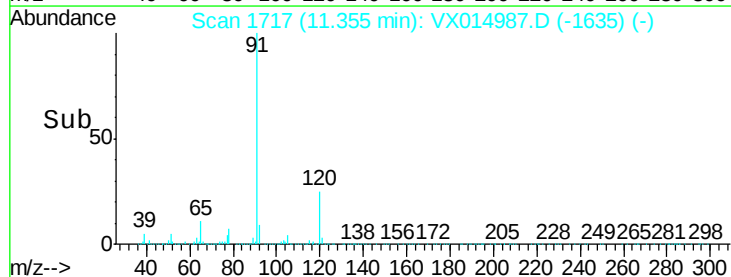
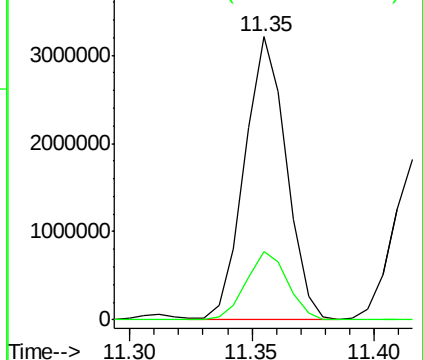
91 100

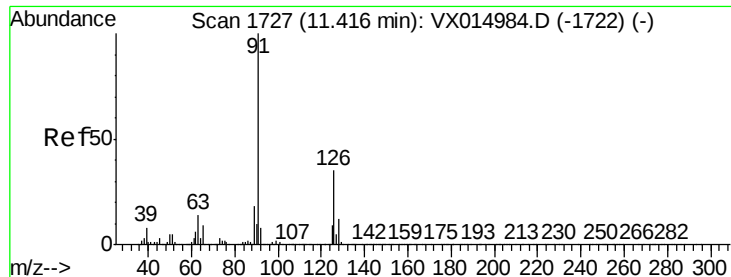
120 24.0 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 151.90 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

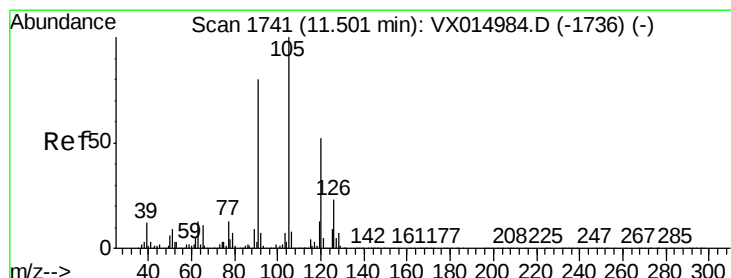
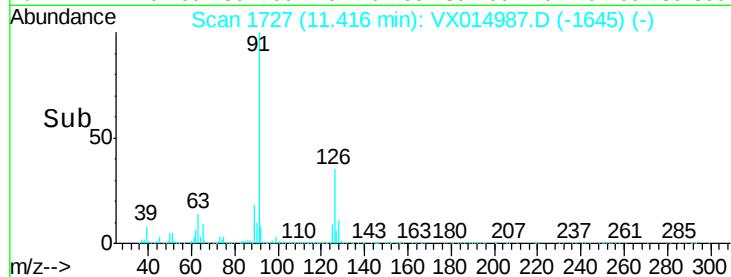
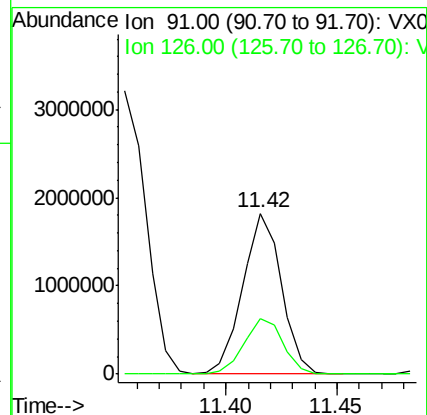
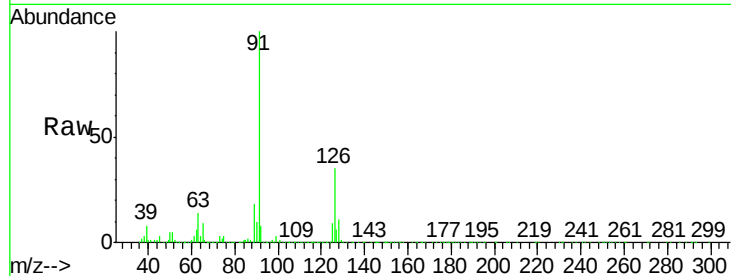
VSTDIC150

Tgt Ion: 91 Resp: 2214060

Ion Ratio Lower Upper

91 100

126 35.3 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 159.45 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014987.D

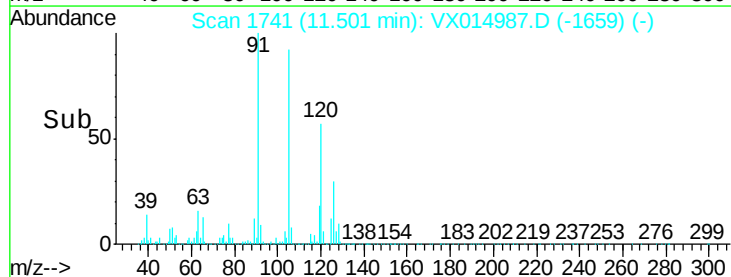
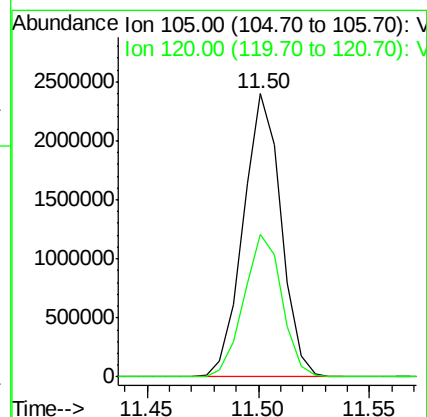
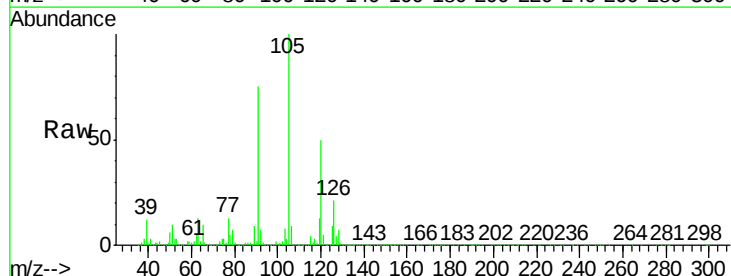
Acq: 21 Feb 2020 10:44

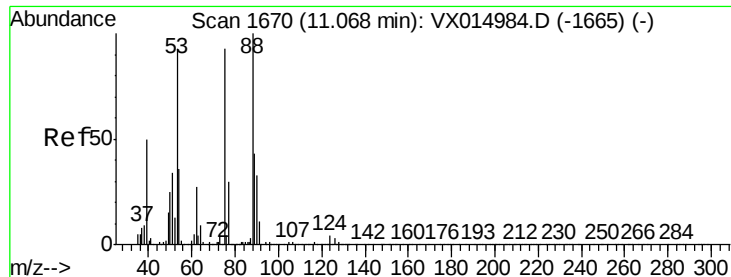
Tgt Ion: 105 Resp: 2831779

Ion Ratio Lower Upper

105 100

120 50.8 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 171.21 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

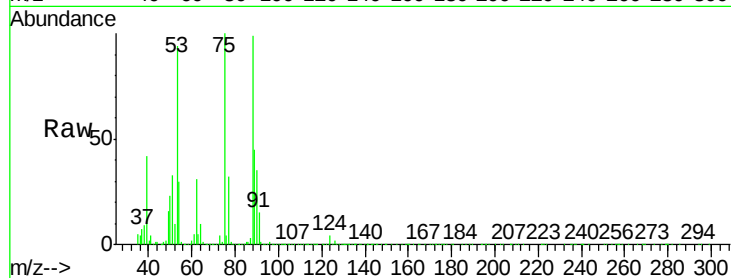
Tgt Ion: 75 Resp: 401732

Ion Ratio Lower Upper

75 100

53 93.5 50.0 149.8

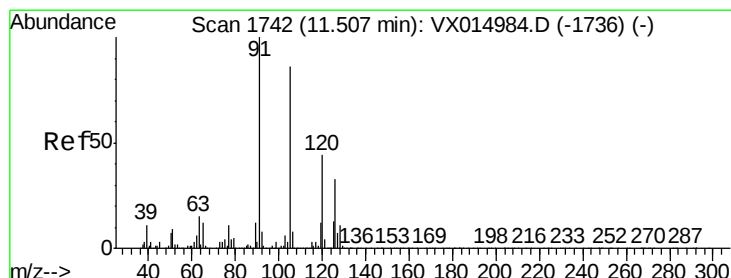
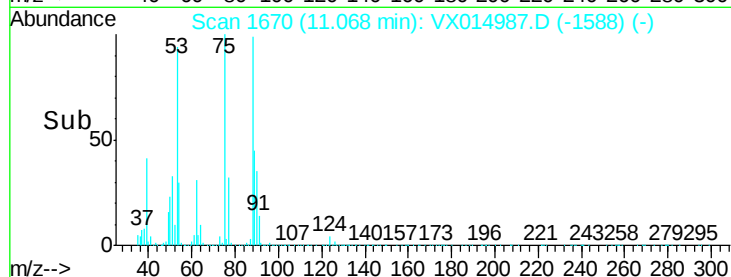
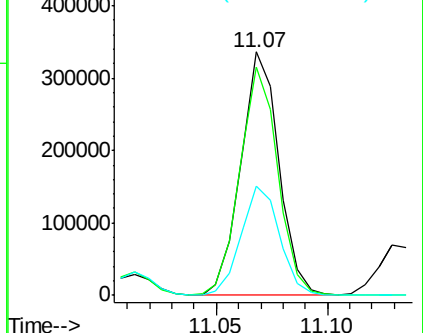
89 44.6 23.5 70.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 158.50 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014987.D

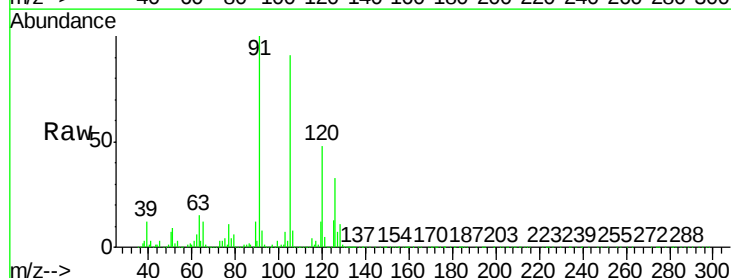
Acq: 21 Feb 2020 10:44

Tgt Ion: 91 Resp: 2625969

Ion Ratio Lower Upper

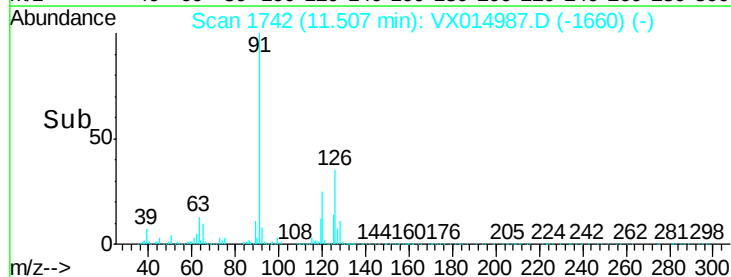
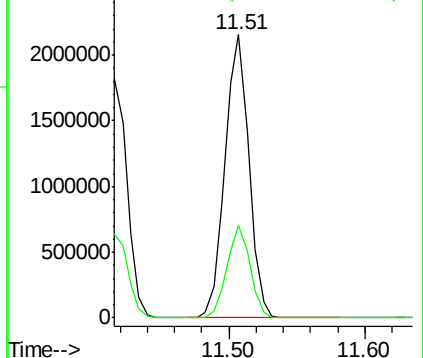
91 100

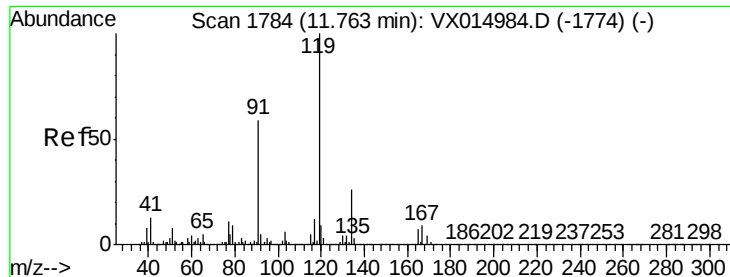
126 31.5 0.0 62.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 164.02 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

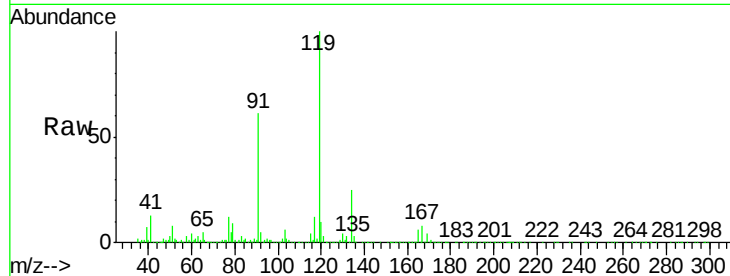
Tgt Ion:119 Resp: 2740929

Ion Ratio Lower Upper

119 100

91 56.3 0.0 114.4

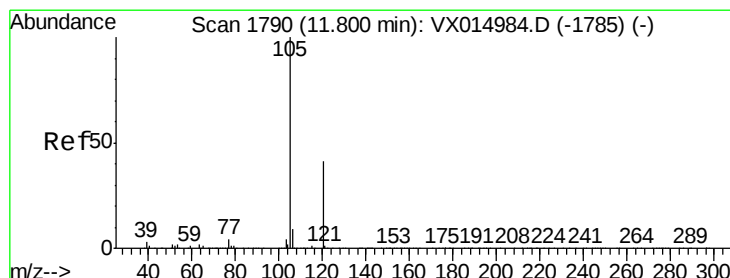
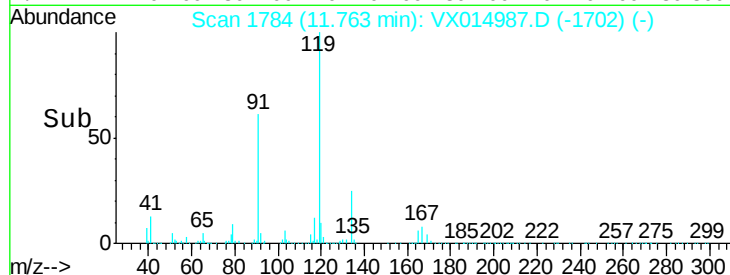
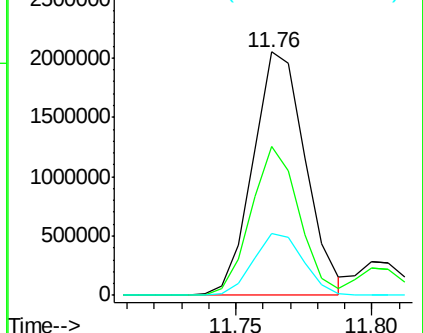
134 24.5 0.0 48.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 158.75 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014987.D

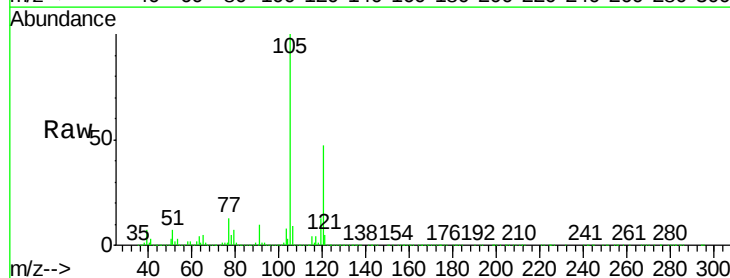
Acq: 21 Feb 2020 10:44

Tgt Ion:105 Resp: 2805057

Ion Ratio Lower Upper

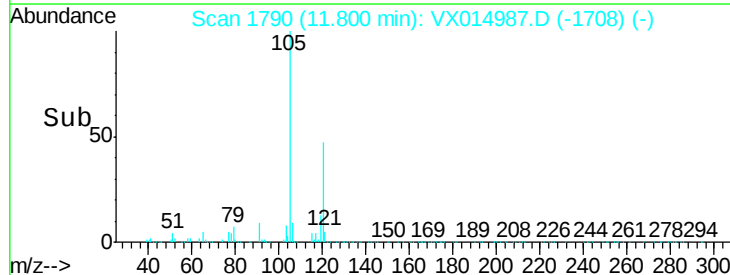
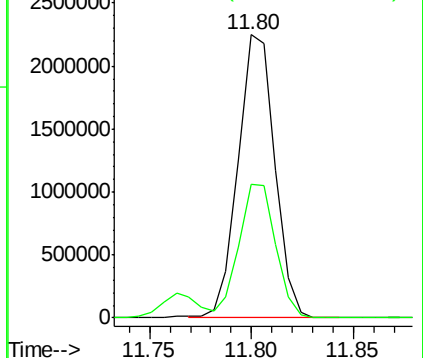
105 100

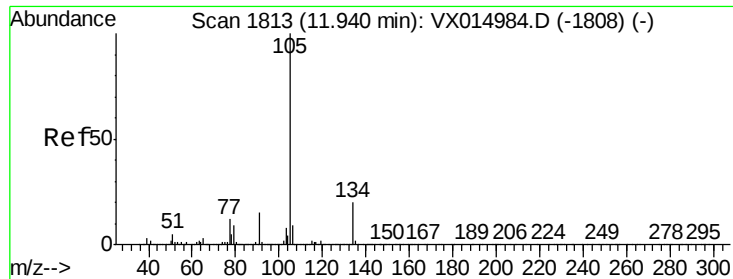
120 47.0 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

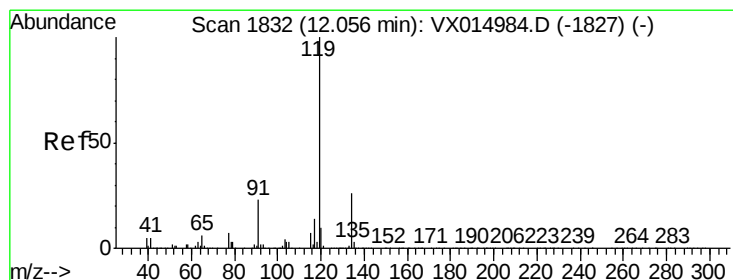
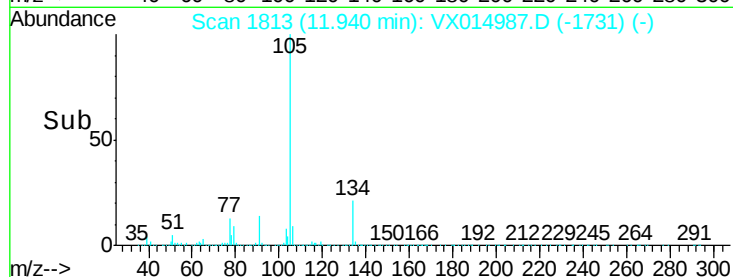
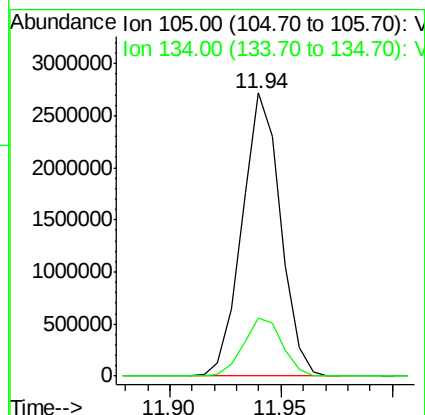
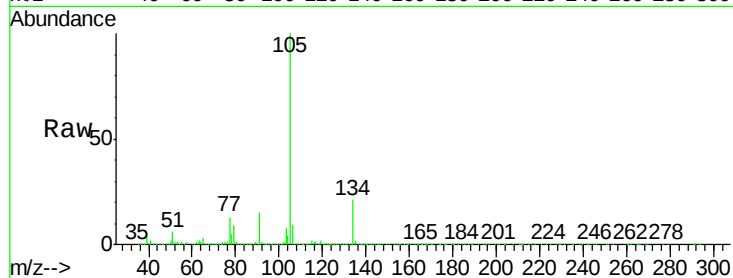




#81
 sec-Butylbenzene
 Concen: 158.58 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

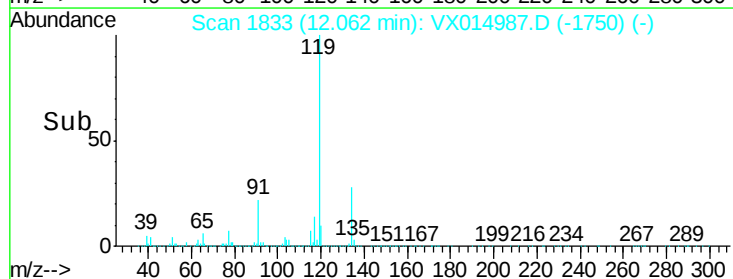
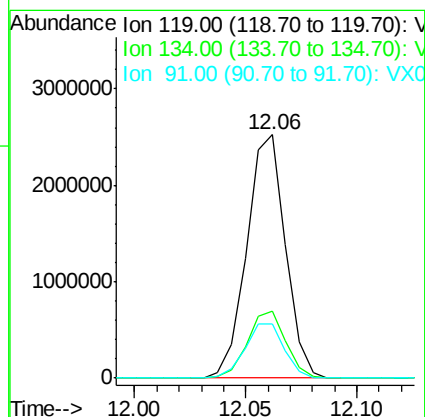
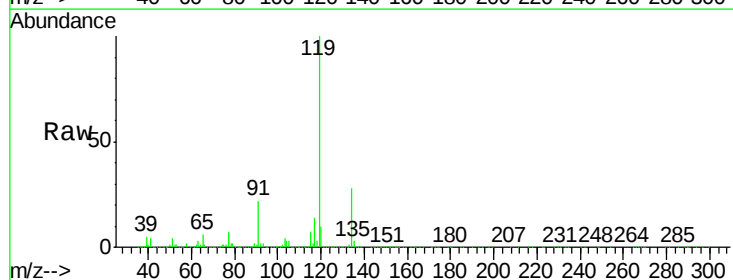
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

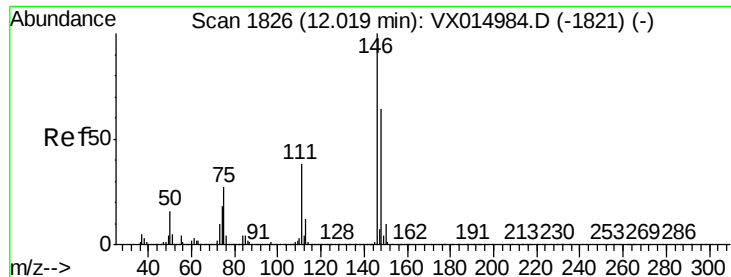
Tgt Ion:105 Resp: 3269339
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 161.98 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion:119 Resp: 3052322
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 53.2
 91 22.9 0.0 44.6

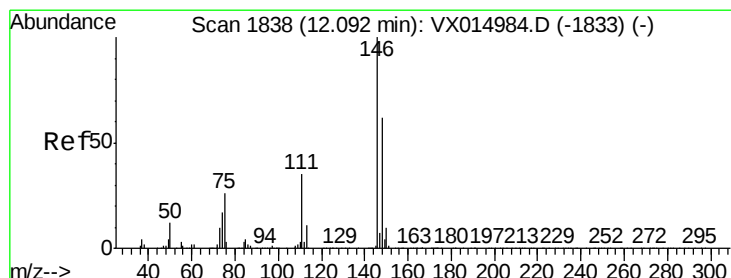
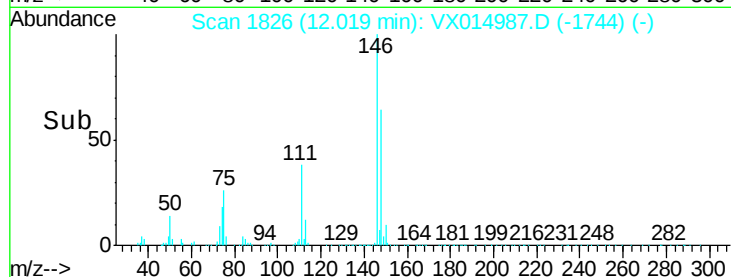
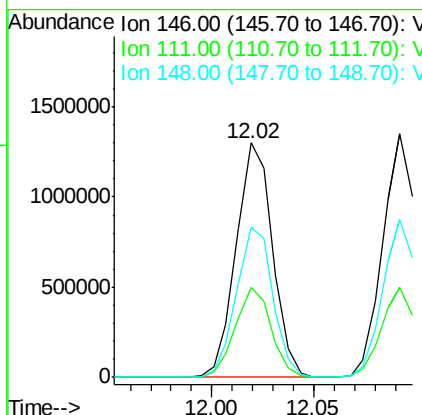
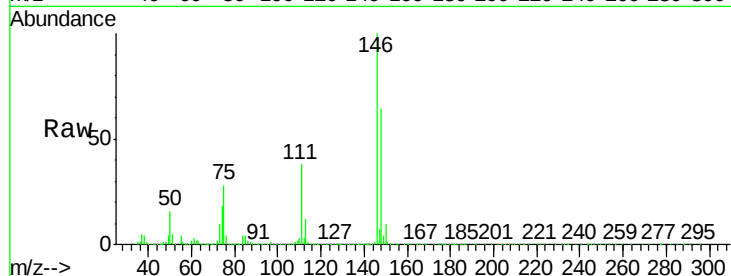




#83
 1,3-Dichlorobenzene
 Concen: 162.66 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

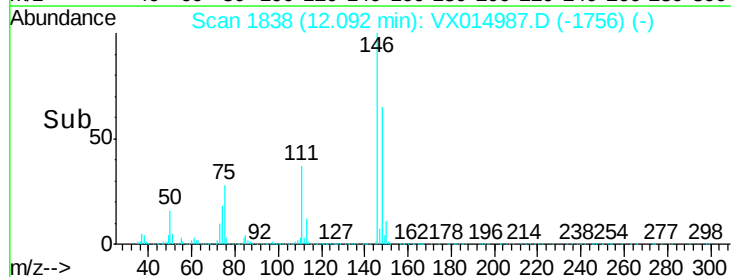
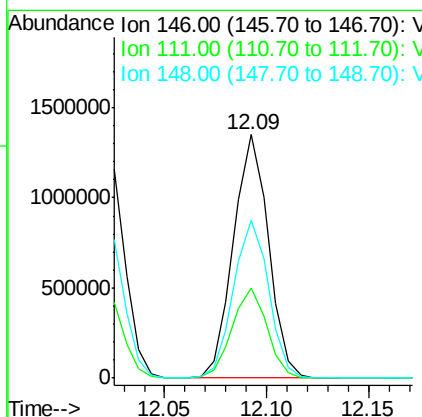
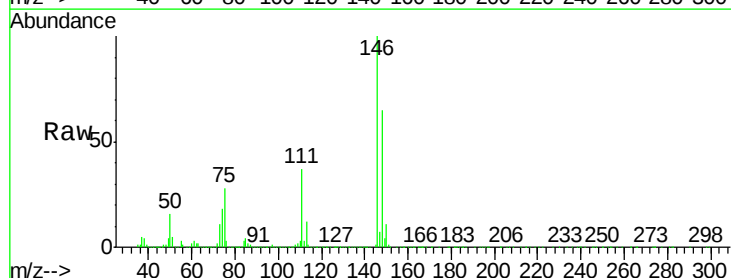
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

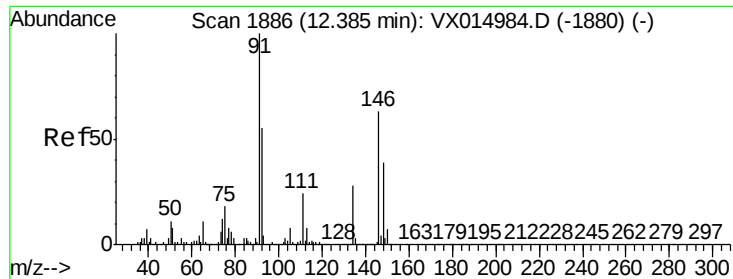
Tgt Ion:146 Resp: 1605482
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.9
 148 64.6 32.3 96.9



#84
 1,4-Dichlorobenzene
 Concen: 162.76 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion:146 Resp: 1606907
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.8 53.5
 148 65.0 31.4 94.2

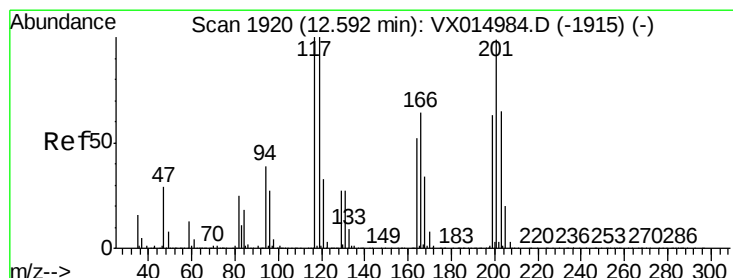
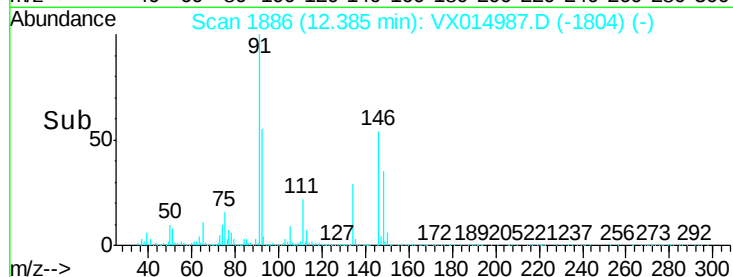
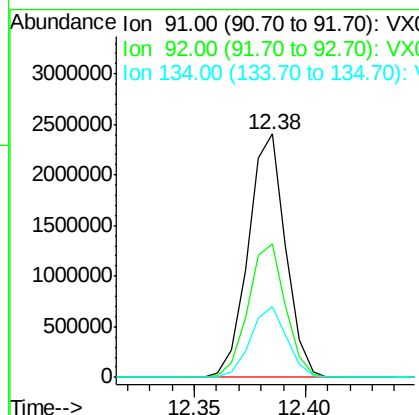
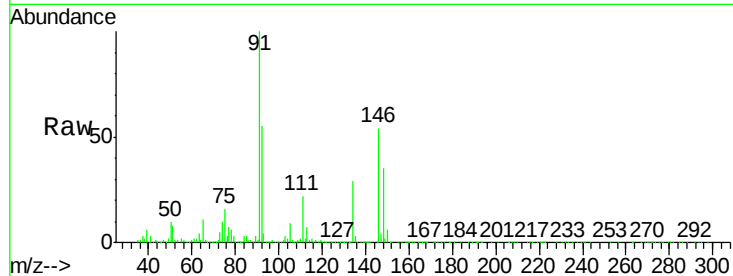




#85
n-Butylbenzene
Concen: 170.61 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

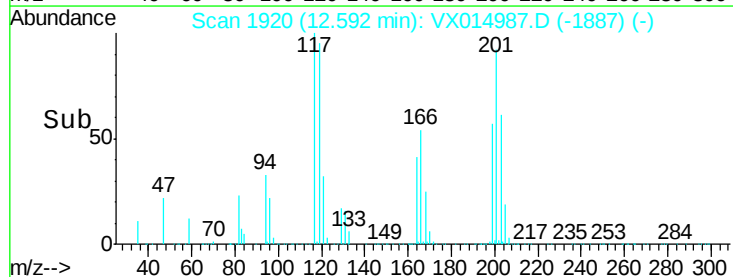
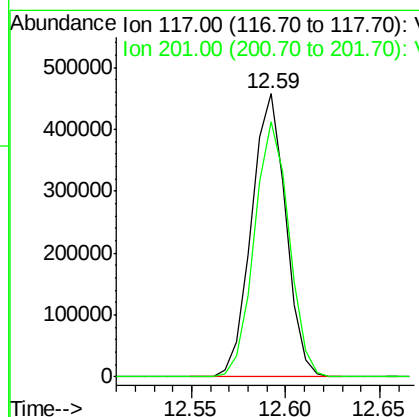
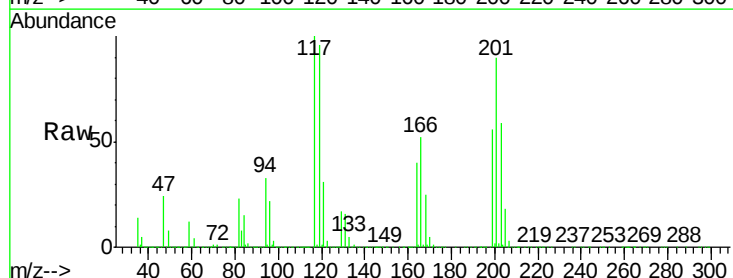
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

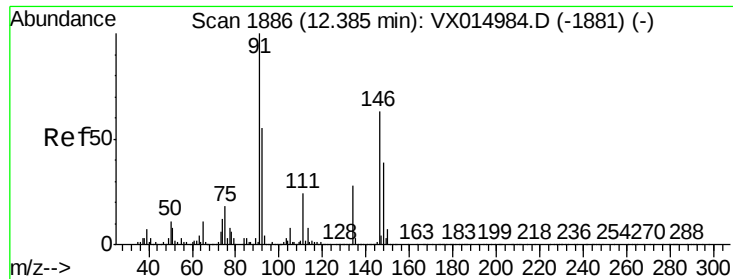
Tgt Ion: 91 Resp: 2813837
Ion Ratio Lower Upper
91 100
92 55.1 0.0 109.8
134 28.1 0.0 54.8



#86
Hexachloroethane
Concen: 171.17 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 117 Resp: 576182
Ion Ratio Lower Upper
117 100
201 91.0 45.6 136.7

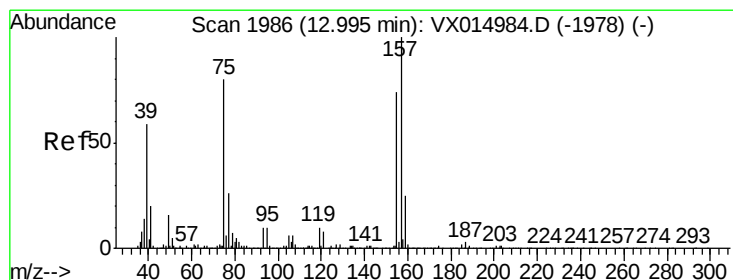
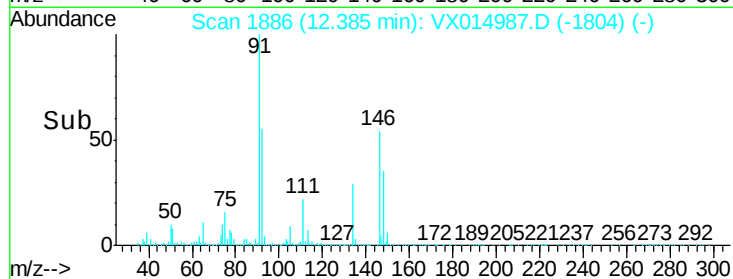
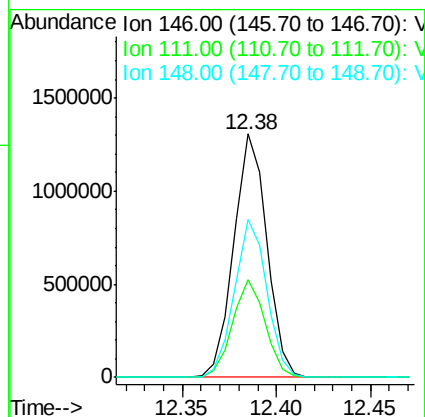
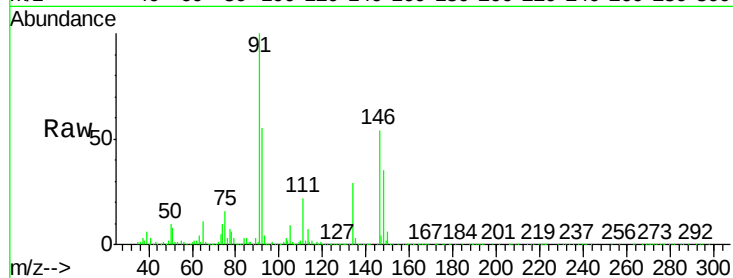




#87
 1,2-Dichlorobenzene
 Concen: 160.02 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

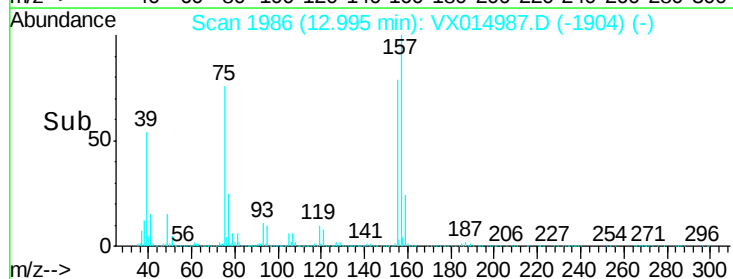
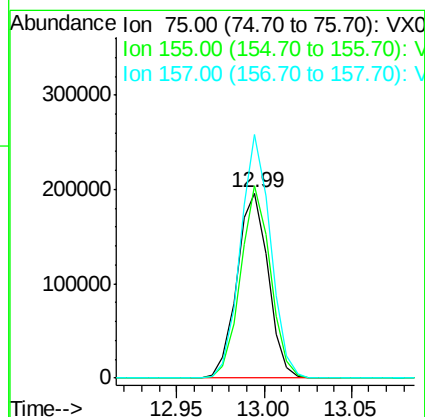
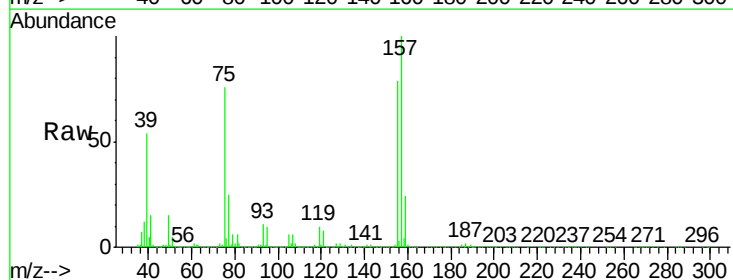
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

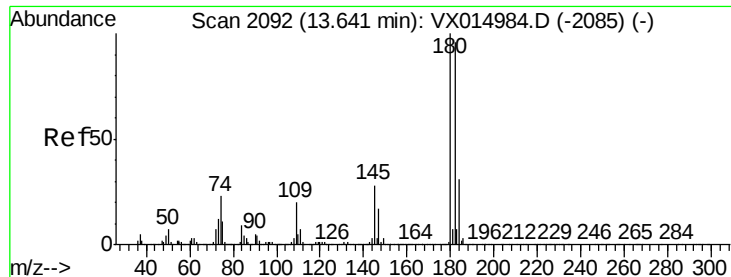
Tgt Ion: 146 Resp: 1591575
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 63.9 32.0 96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 160.11 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion: 75 Resp: 243225
 Ion Ratio Lower Upper
 75 100
 155 99.2 74.5 111.7
 157 126.4 96.2 144.4

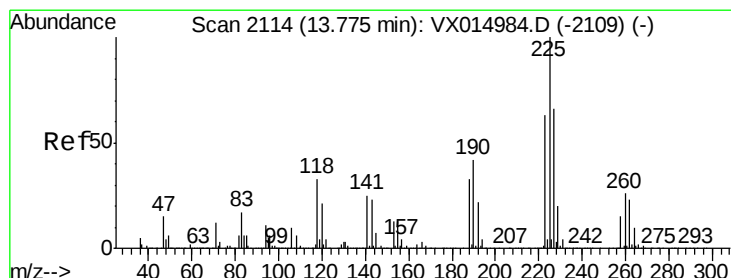
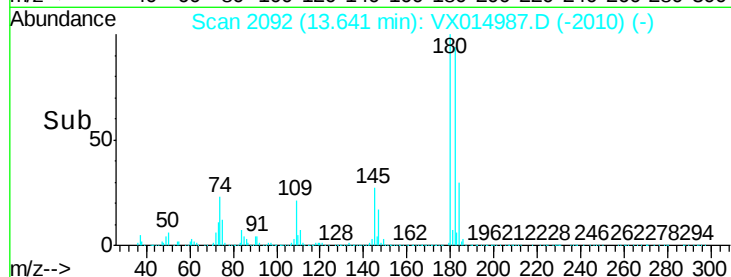
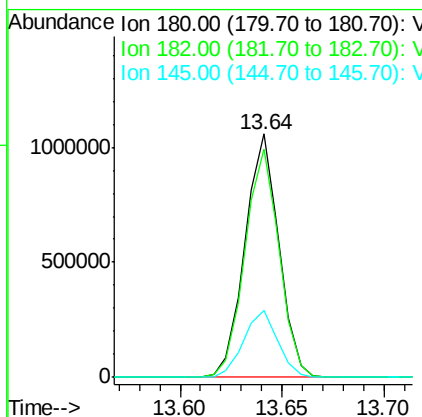
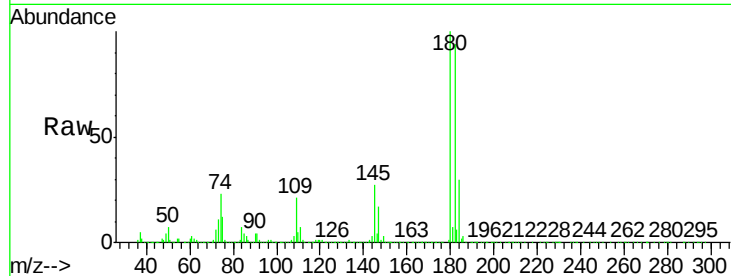




#89
1,2,4-Trichlorobenzene
Concen: 182.76 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

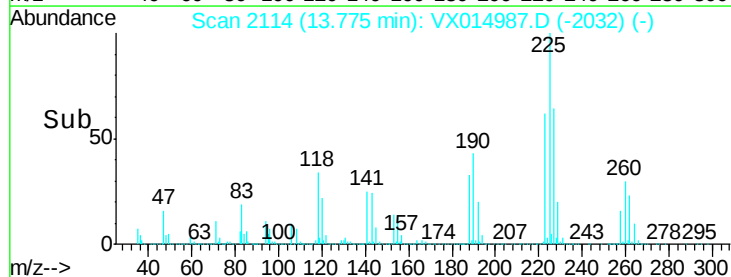
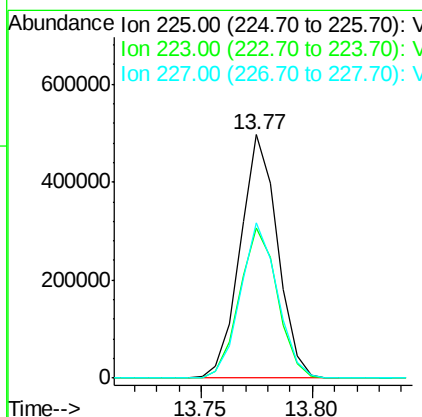
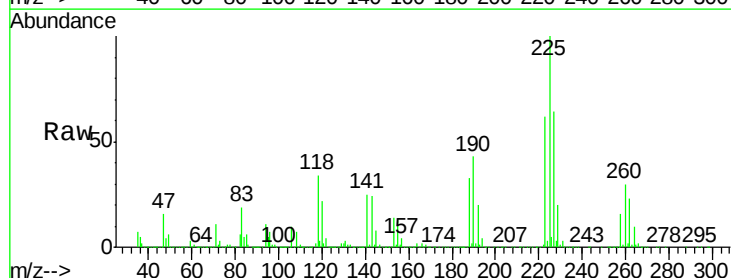
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

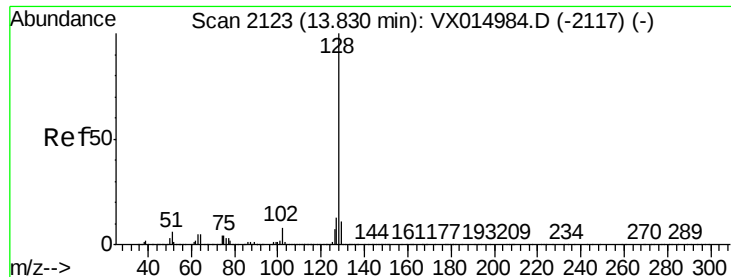
Tgt Ion:180 Resp: 1219343
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 27.6 21.8 32.6



#90
Hexachlorobutadiene
Concen: 174.66 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion:225 Resp: 580944
Ion Ratio Lower Upper
225 100
223 62.7 0.0 132.0
227 63.1 0.0 131.0

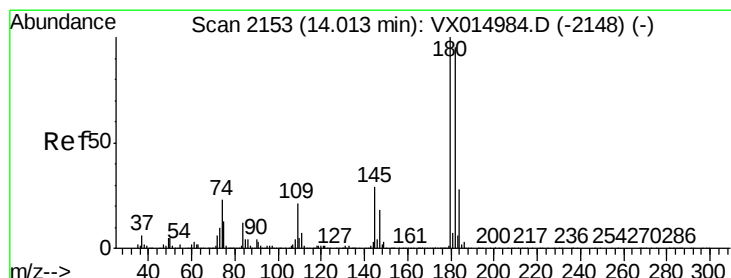
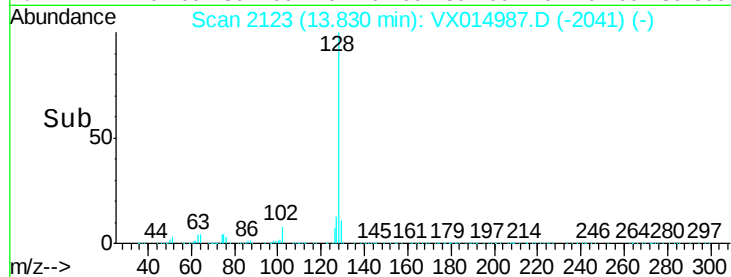
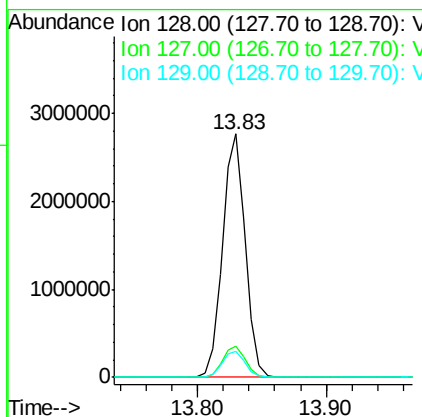
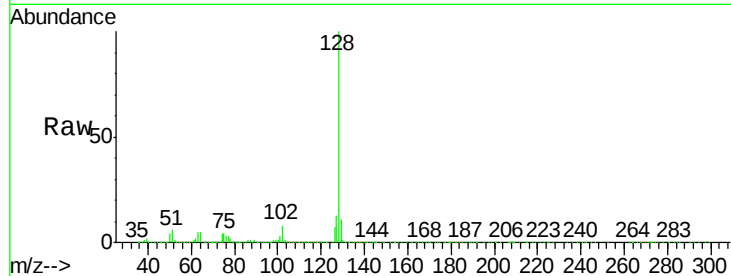




#91
Naphthalene
Concen: 172.13 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3429775
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 173.28 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion:180 Resp: 1172478
Ion Ratio Lower Upper
180 100
182 96.8 0.0 192.4
145 30.0 0.0 60.4

