

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
 Data File : VX014612.D
 Acq On : 15 Jan 2020 11:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 15 12:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	75708	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	421932	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	390012	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	159534	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.13	95	186337	29.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.63%
63) Toluene-d8	8.71	98	520932	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	543663	142.159	ug/l	99
3) Chloromethane	1.32	50	587883	109.067	ug/l	97
4) Vinyl Chloride	1.40	62	670635	121.372	ug/l	99
5) Bromomethane	1.63	94	432731	107.133	ug/l	98
6) Chloroethane	1.71	64	362464	106.200	ug/l	100
7) Trichlorofluoromethane	1.92	101	708529	103.049	ug/l	100
8) Diethyl Ether	2.18	74	315356	99.785	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	420290	102.493	ug/l	99
10) 1,1-Dichloroethene	2.36	96	427704	100.886	ug/l	94
11) Methyl Iodide	2.50	142	641005	117.453	ug/l	99
12) Methyl Acetate	2.76	43	790856	120.500	ug/l	100
13) Acrolein	2.28	56	391322	491.598	ug/l	99
14) Acrylonitrile	3.13	53	1322153	515.318	ug/l	100
15) Acetone	2.44	58	435229	577.449	ug/l	90
16) Carbon Disulfide	2.56	76	1205467	104.963	ug/l	99
17) Allyl chloride	2.72	41	805889	105.787	ug/l	96
18) Methylene Chloride	2.85	84	488596	94.056	ug/l	96
19) trans-1,2-Dichloroethene	3.15	96	460961	99.293	ug/l	96
20) Diisopropyl ether	3.84	45	1577733	100.932	ug/l	98
21) 1,1-Dichloroethane	3.69	63	846781	99.812	ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	529891	98.461	ug/l	96
23) tert-Butyl Alcohol	3.03	59	513265	510.029	ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	1440924	100.617	ug/l	100
25) Chloroform	5.20	83	815140	100.780	ug/l	98
26) Cyclohexane	5.58	56	785226	103.798	ug/l #	100
29) 1,1-Dichloropropene	5.79	75	633804	103.993	ug/l	99
30) 2-Butanone	4.66	43	1970083	548.412	ug/l	99
31) 2,2-Dichloropropane	4.58	77	684798	121.468	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	697301	103.439	ug/l	99
33) Carbon Tetrachloride	5.78	117	605087	105.591	ug/l	99
34) Benzene	6.14	78	1933316	101.732	ug/l	99
35) Methacrylonitrile	5.03	41	405996	105.082	ug/l	98
36) 1,2-Dichloroethane	6.18	62	659299	99.873	ug/l	99
37) Trichloroethene	7.21	130	531472	102.778	ug/l	95
38) Methylcyclohexane	7.46	83	796578	109.571	ug/l	98
39) 1,2-Dichloropropane	7.51	63	502008	101.707	ug/l	92
40) Dibromomethane	7.65	93	323844	102.706	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
 Data File : VX014612.D
 Acq On : 15 Jan 2020 11:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 15 12:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	651769	106.754	ug/l	99
42) Vinyl Acetate	3.80	43	6217507	490.223	ug/l	99
43) Ethyl Acetate	4.82	43	719749	104.416	ug/l	100
44) Isopropyl Acetate	6.43	43	1189750	103.054	ug/l	99
45) 1,4-Dioxane	7.73	88	215198	1990.477	ug/l	99
46) Methyl methacrylate	7.76	41	591484	105.476	ug/l	98
47) n-amyl Acetate	10.89	43	1053415	102.618	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	742953	111.494	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	824202	109.983	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	489662	100.625	ug/l	98
51) Ethyl methacrylate	9.17	69	809835	104.625	ug/l	99
52) 1,3-Dichloropropane	9.37	76	837449	101.292	ug/l	100
53) Dibromochloromethane	9.58	129	529139	108.745	ug/l	99
54) 1,2-Dibromoethane	9.67	107	515188	102.827	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1780257	521.752	ug/l	100
56) Bromoform	10.85	173	415499	109.500	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	3691392	505.857	ug/l	99
59) 2-Hexanone	9.49	43	2891470	522.126	ug/l	99
61) Tetrachloroethene	9.33	164	565059	109.518	ug/l	99
62) Toluene	8.78	91	2068439	99.717	ug/l	99
64) Chlorobenzene	10.14	112	1300938	100.106	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	482920	100.357	ug/l	98
66) Ethyl Benzene	10.25	91	2303088	101.456	ug/l	98
67) m/p-Xylenes	10.35	106	1772414	204.251	ug/l	100
68) o-Xylene	10.70	106	851268	99.024	ug/l	99
69) Styrene	10.71	104	1494553	102.234	ug/l	99
70) Isopropylbenzene	11.01	105	2248680	101.224	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	756058	95.969	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	879890	125.476	ug/l	92
73) Bromobenzene	11.25	156	589509	99.407	ug/l	100
74) n-propylbenzene	11.35	91	2610284	103.596	ug/l	98
75) 2-Chlorotoluene	11.42	91	1528139	100.373	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1891577	100.375	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	278729	120.364	ug/l	88
78) 4-Chlorotoluene	11.51	91	1763116	101.345	ug/l	98
79) tert-butylbenzene	11.76	119	1778999	97.939	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	1884975	100.034	ug/l	99
81) sec-Butylbenzene	11.94	105	2190339	101.378	ug/l	98
82) p-Isopropyltoluene	12.06	119	2021872	103.699	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	1055429	102.108	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1062842	103.263	ug/l	98
85) n-Butylbenzene	12.38	91	1832432	111.780	ug/l	100
86) Hexachloroethane	12.59	117	374272	105.815	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	1052216	100.222	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	165417	105.345	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	726317	108.243	ug/l	98
90) Hexachlorobutadiene	13.77	225	354302	111.085	ug/l	98
91) Naphthalene	13.83	128	2228473	110.494	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	745986	109.608	ug/l	99

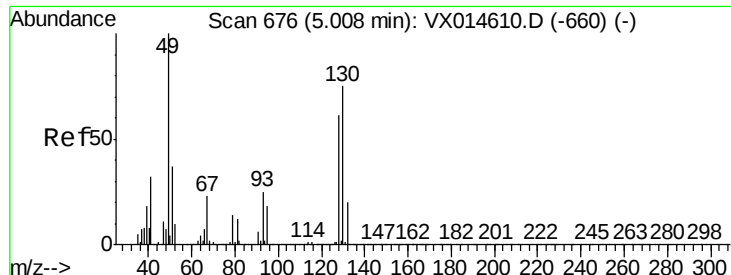
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014612.D
Acq On : 15 Jan 2020 11:57
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jan 15 12:23:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:07:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

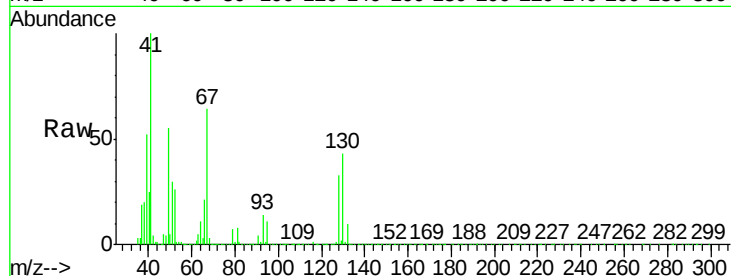
Tgt Ion:128 Resp: 75708

Ion Ratio Lower Upper

128 100

49 164.2 0.0 405.0

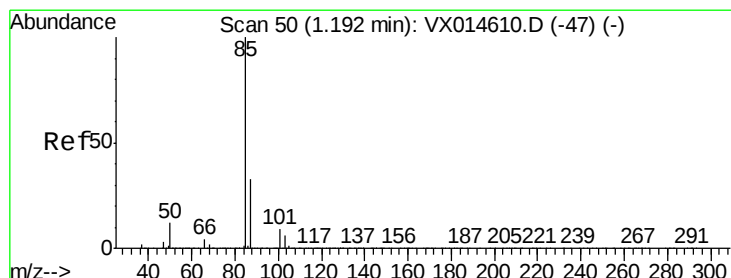
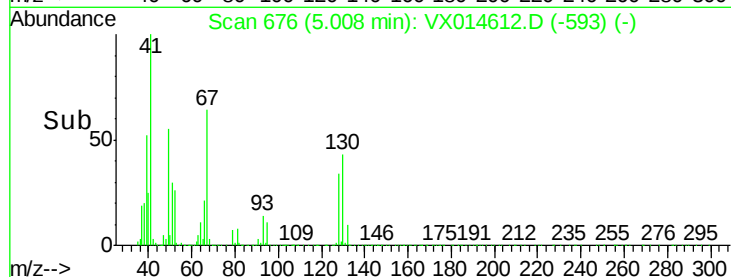
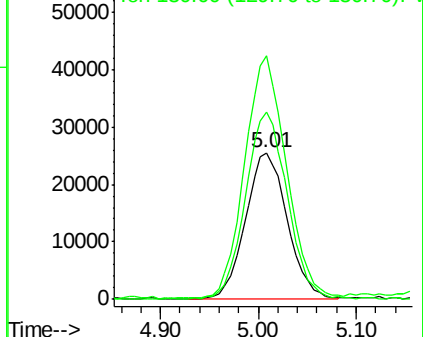
130 128.3 0.0 321.5



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: 142.159 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014612.D

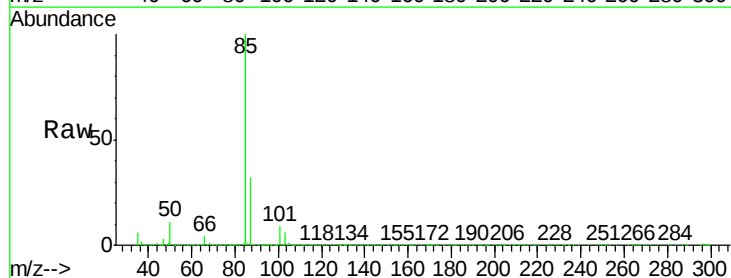
Acq: 15 Jan 2020 11:57

Tgt Ion: 85 Resp: 543663

Ion Ratio Lower Upper

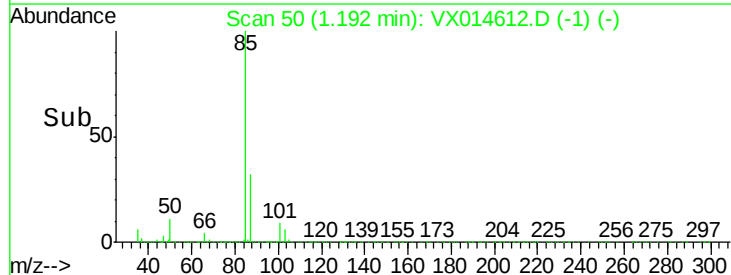
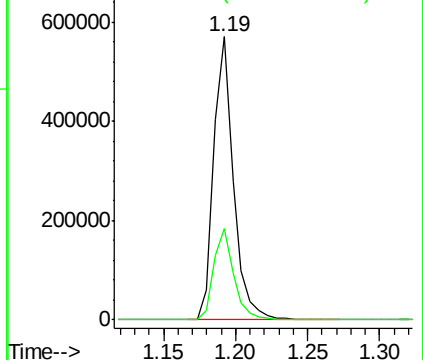
85 100

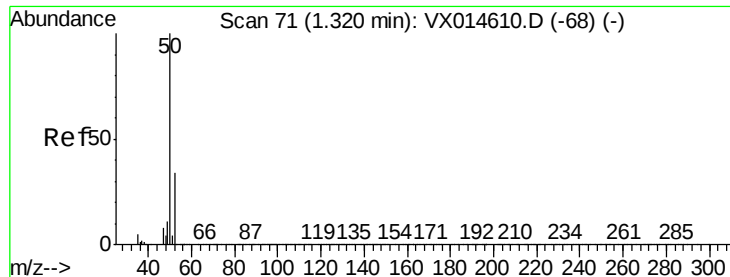
87 32.1 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 109.067 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

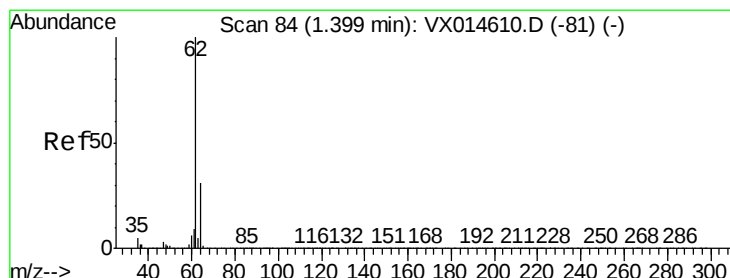
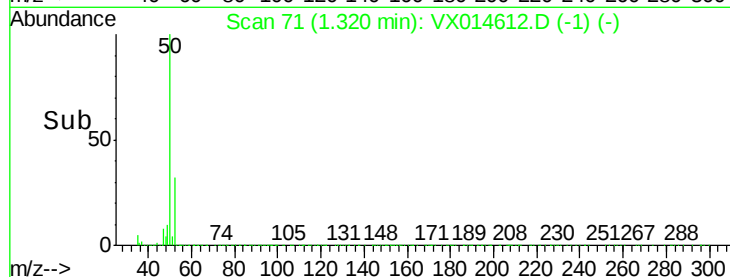
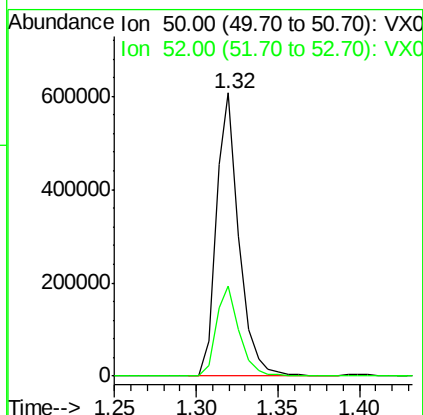
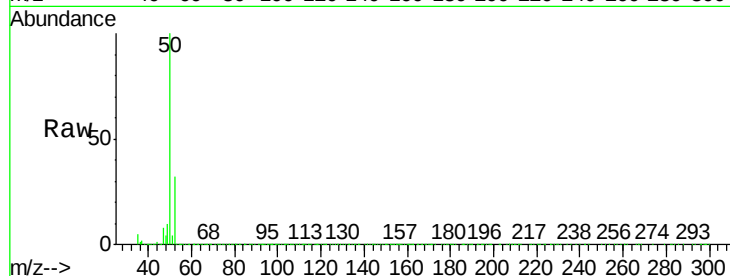
VSTDIC100

Tgt Ion: 50 Resp: 587883

Ion Ratio Lower Upper

50 100

52 31.9 24.3 36.5



#4

Vinyl Chloride

Concen: 121.372 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014612.D

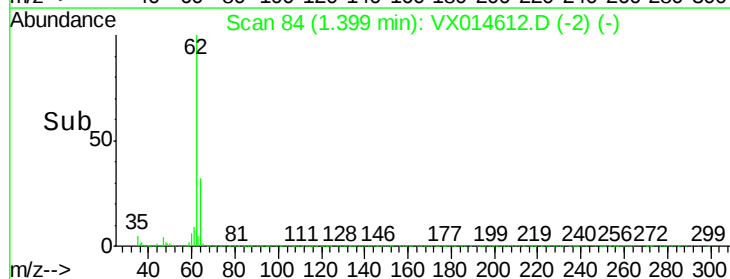
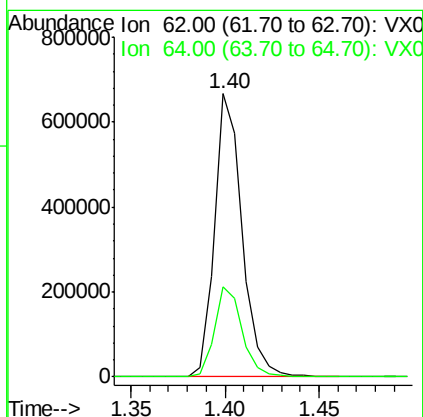
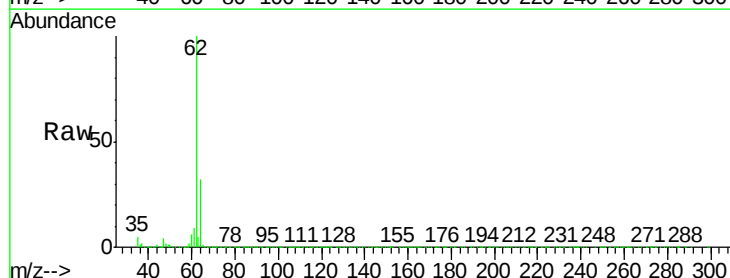
Acq: 15 Jan 2020 11:57

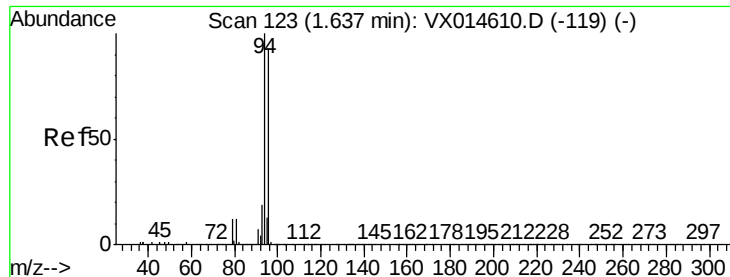
Tgt Ion: 62 Resp: 670635

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 107.133 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

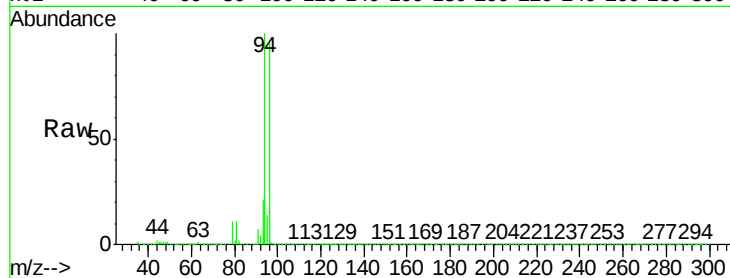
VSTDIC100

Tgt Ion: 94 Resp: 432731

Ion Ratio Lower Upper

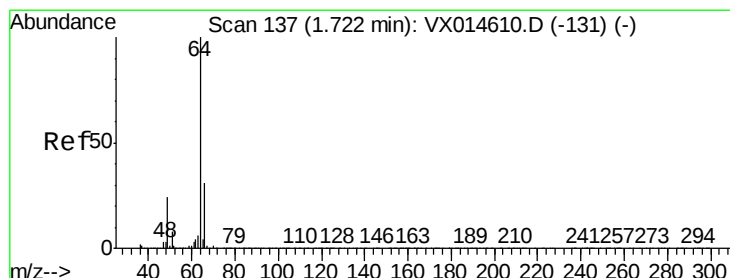
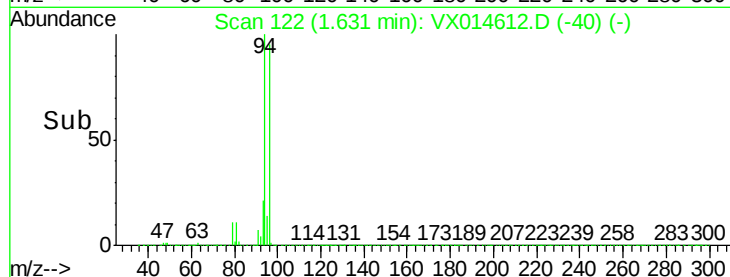
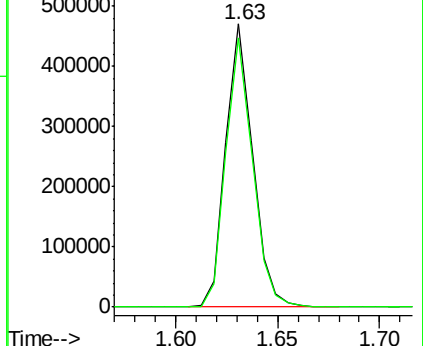
94 100

96 95.2 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 106.200 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014612.D

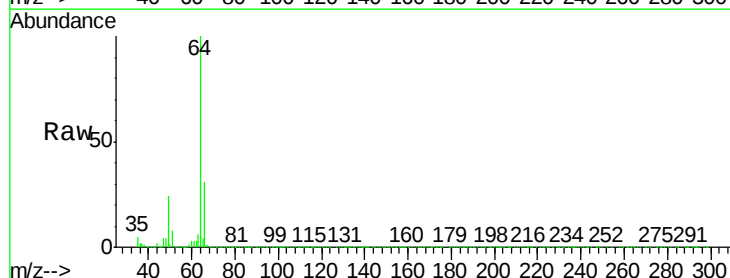
Acq: 15 Jan 2020 11:57

Tgt Ion: 64 Resp: 362464

Ion Ratio Lower Upper

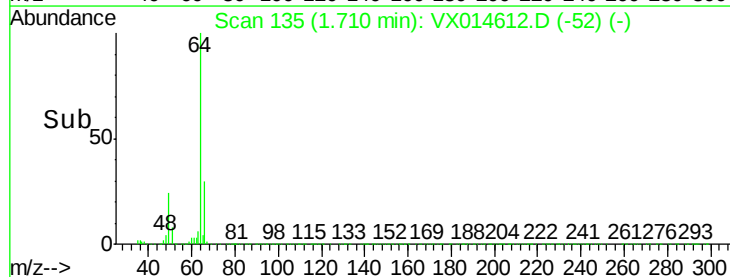
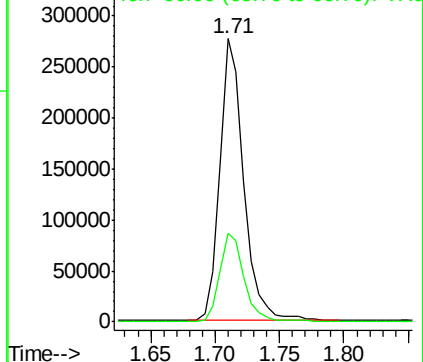
64 100

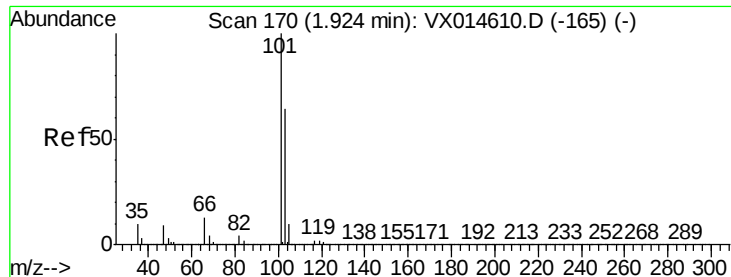
66 31.5 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



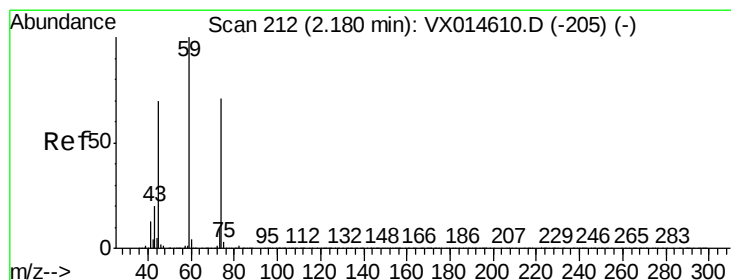
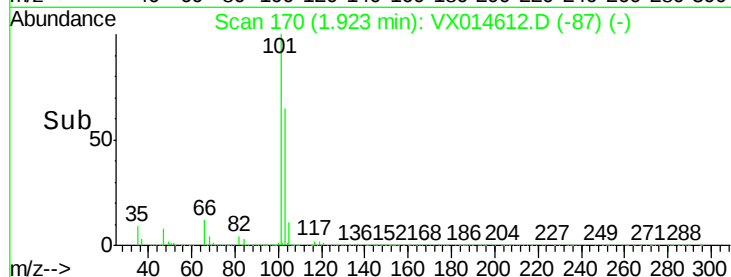
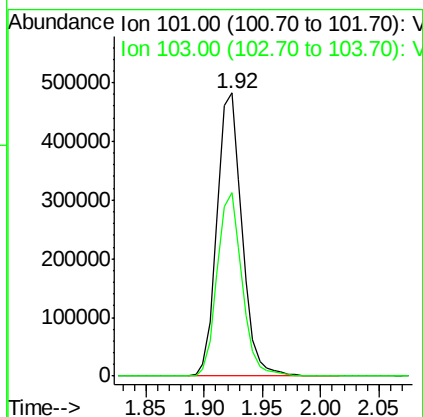
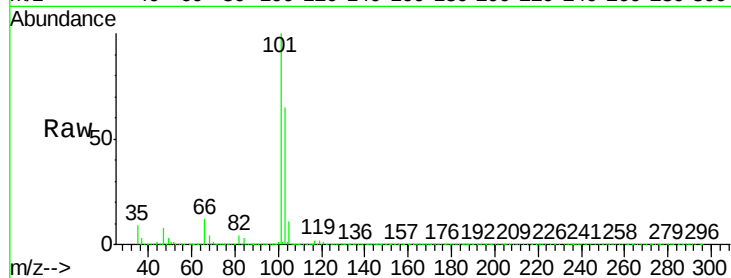


#7

Trichlorofluoromethane
Concen: 103.049 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

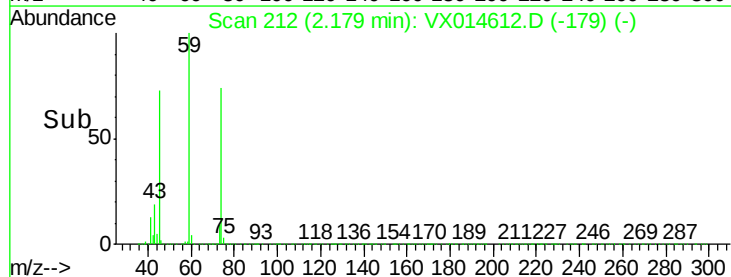
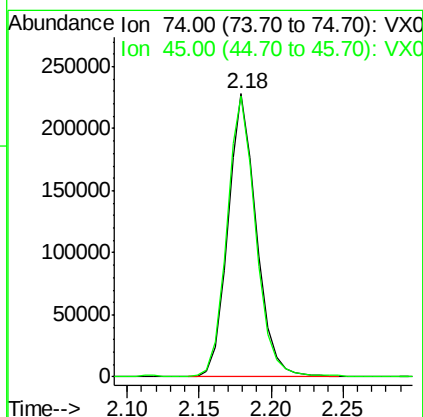
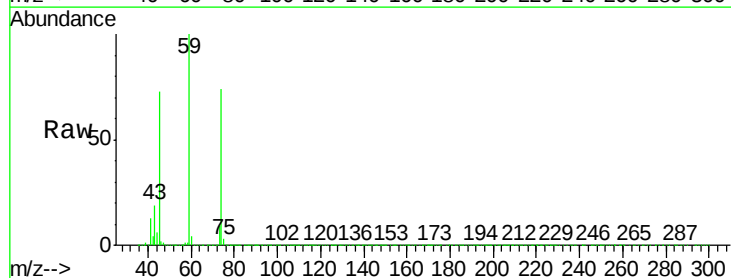
Tgt Ion:101 Resp: 708529
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

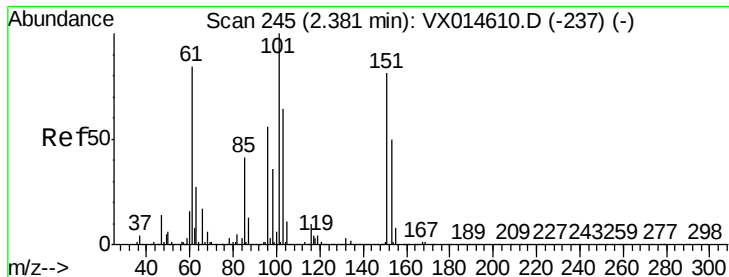


#8

Diethyl Ether
Concen: 99.785 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 74 Resp: 315356
Ion Ratio Lower Upper
74 100
45 100.5 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.493 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

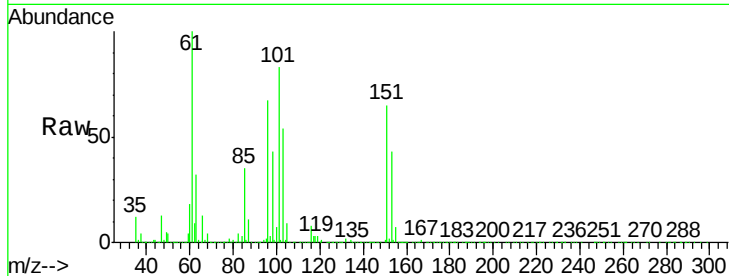
Tgt Ion: 101 Resp: 420290

Ion Ratio Lower Upper

101 100

85 42.1 0.0 85.6

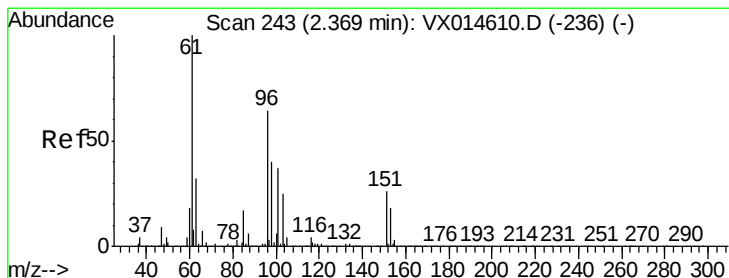
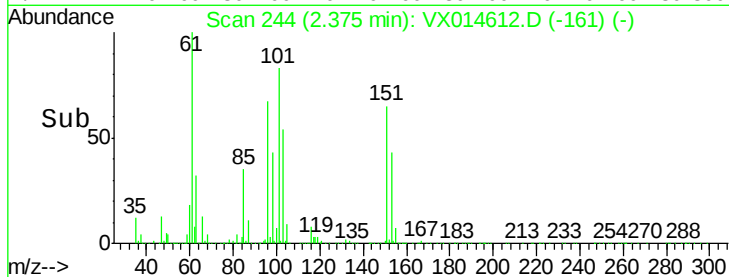
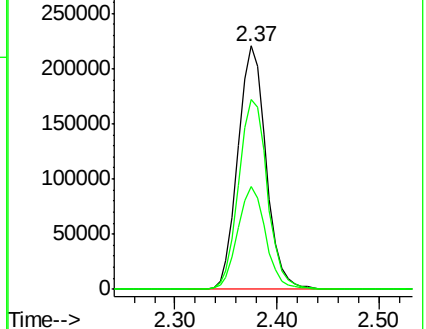
151 80.0 0.0 159.4



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: 100.886 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

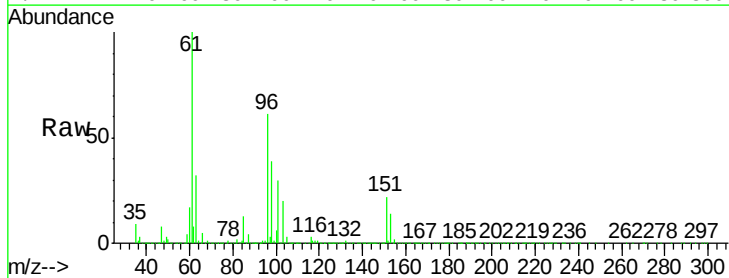
Tgt Ion: 96 Resp: 427704

Ion Ratio Lower Upper

96 100

61 164.8 123.0 184.6

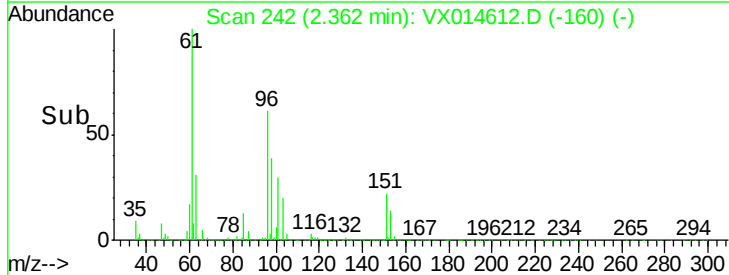
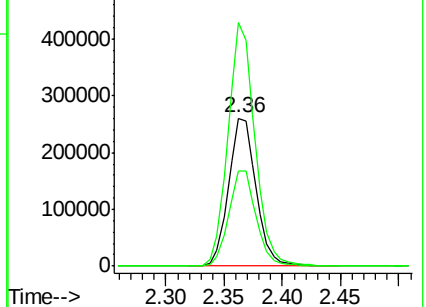
98 64.5 51.4 77.0

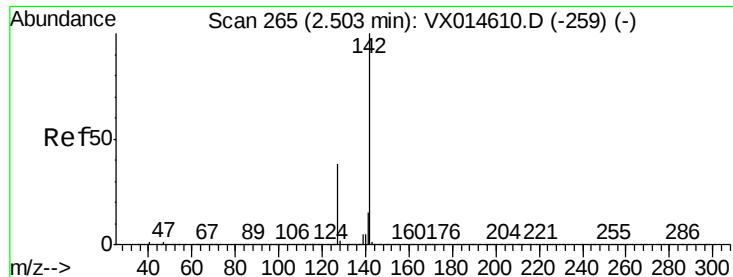


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

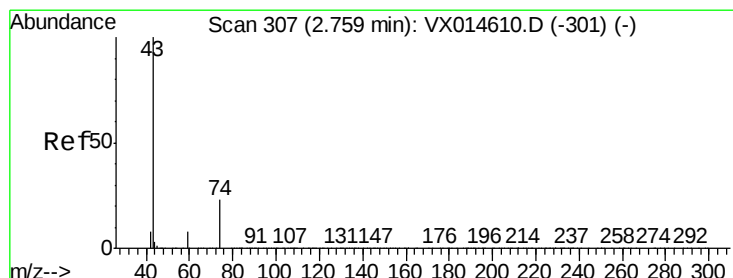
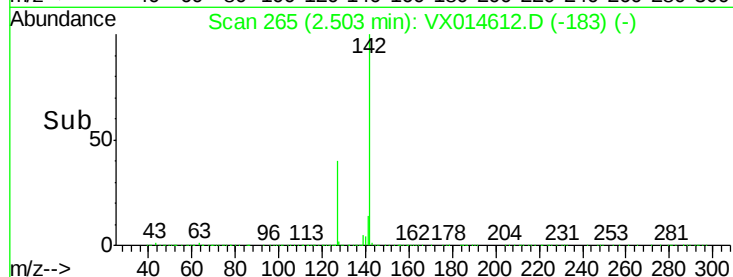
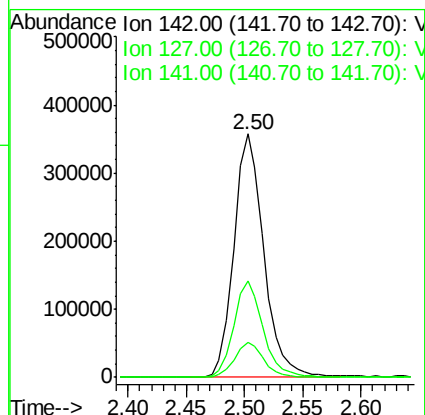
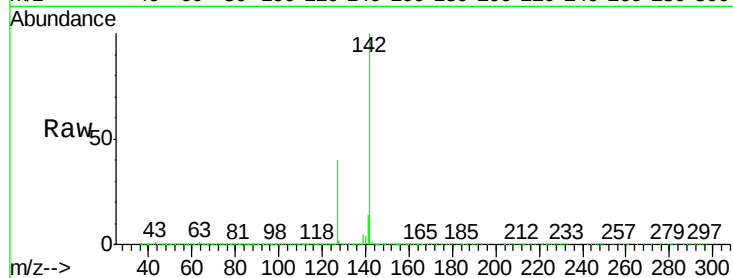




#11
Methyl Iodide
Concen: 117.453 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

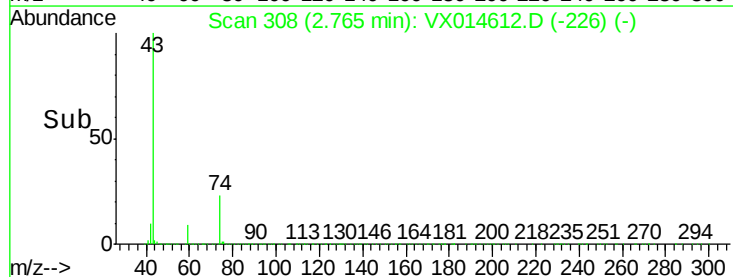
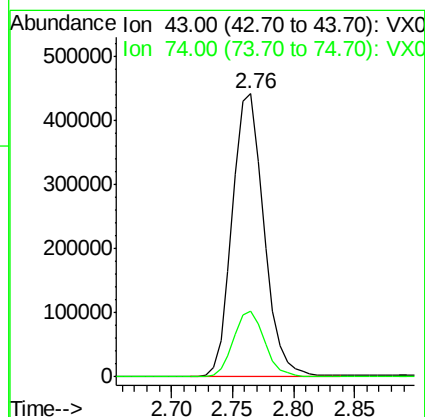
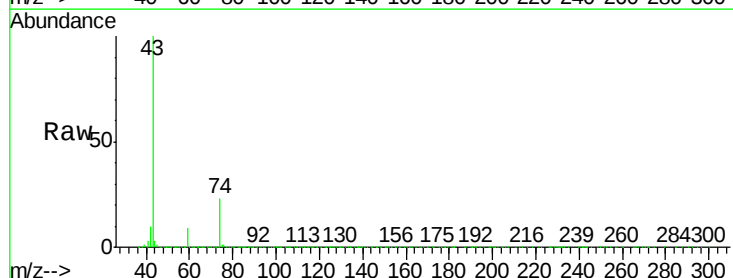
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

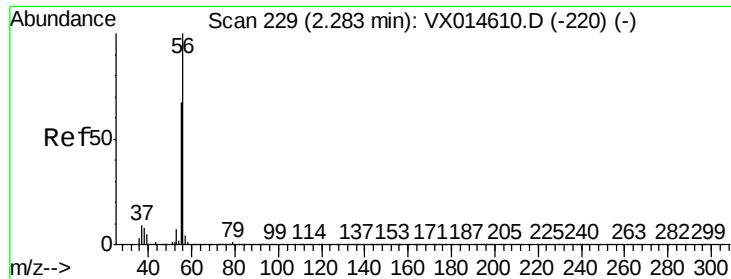
Tgt Ion:142 Resp: 641005
Ion Ratio Lower Upper
142 100
127 39.8 19.5 58.5
141 14.3 7.0 20.9



#12
Methyl Acetate
Concen: 120.500 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 43 Resp: 790856
Ion Ratio Lower Upper
43 100
74 23.3 18.5 27.7

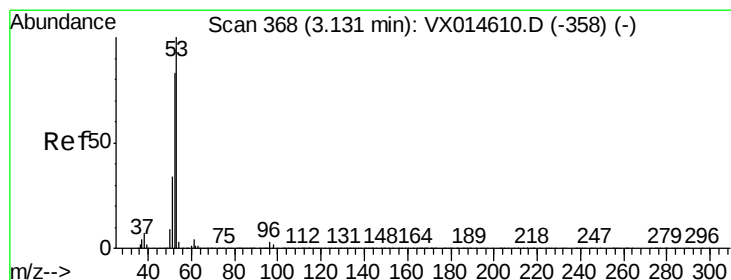
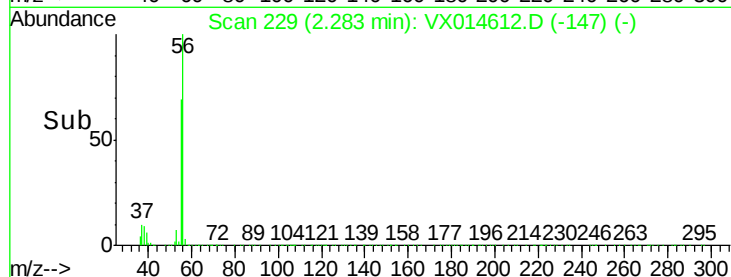
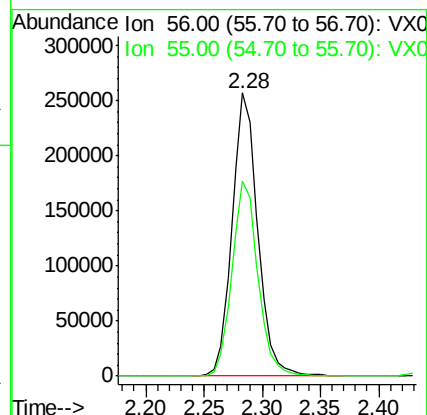
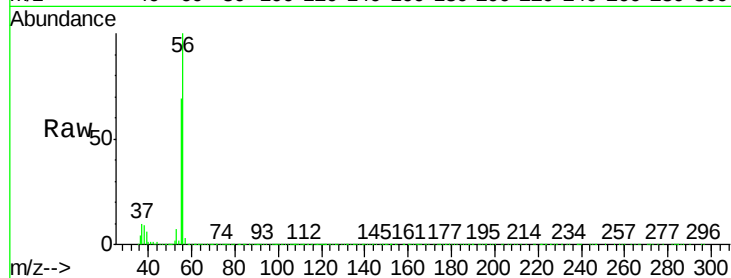




#13
Acrolein
Concen: 491.598 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

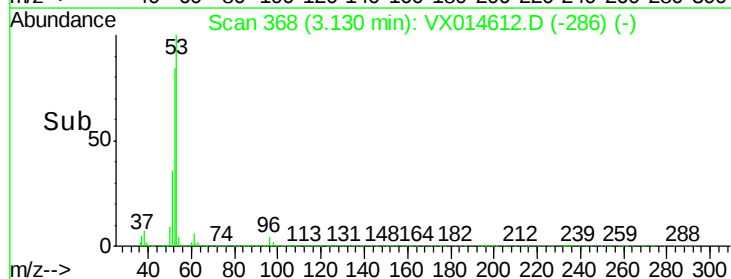
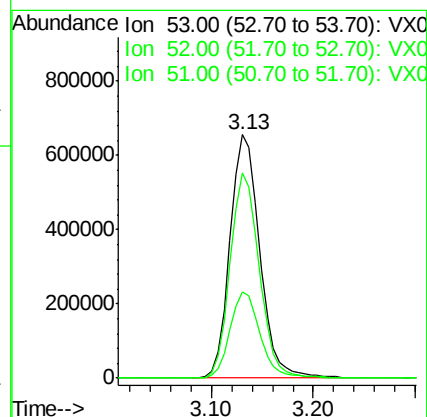
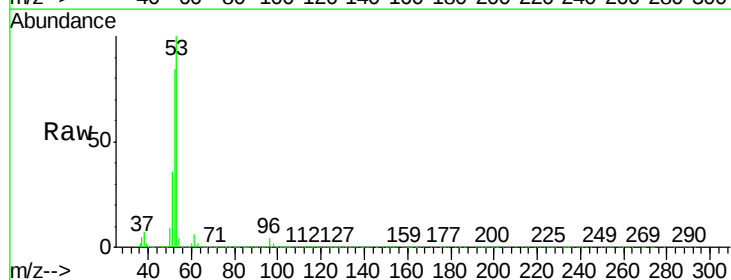
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

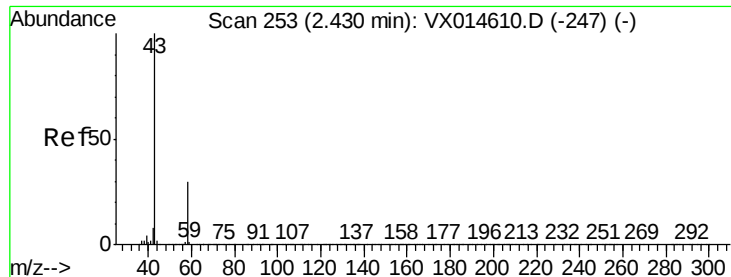
Tgt Ion: 56 Resp: 391322
Ion Ratio Lower Upper
56 100
55 69.6 54.9 82.3



#14
Acrylonitrile
Concen: 515.318 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 53 Resp: 1322153
Ion Ratio Lower Upper
53 100
52 82.7 41.5 124.6
51 35.9 17.8 53.5





#15

Acetone

Concen: 577.449 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

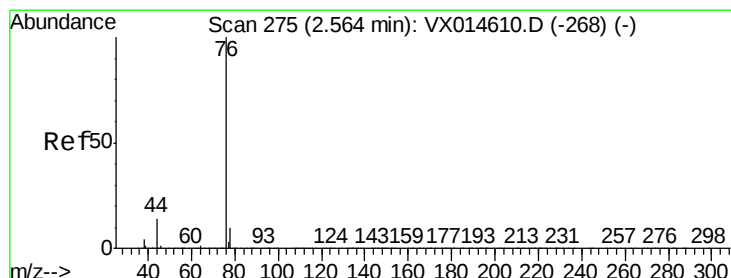
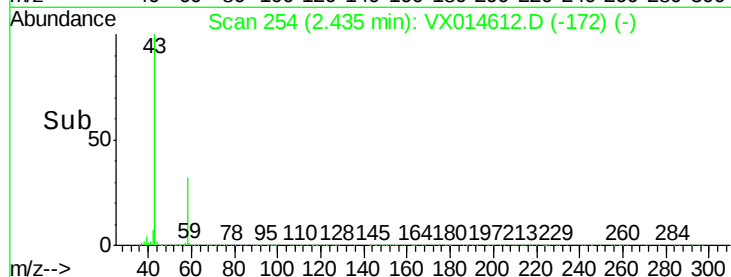
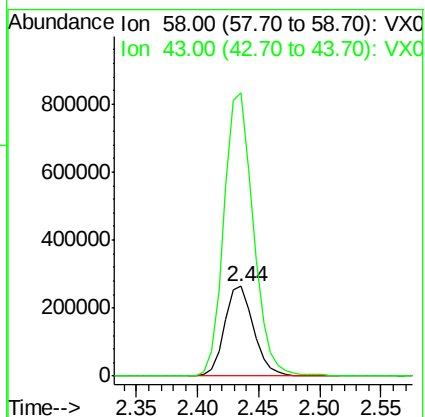
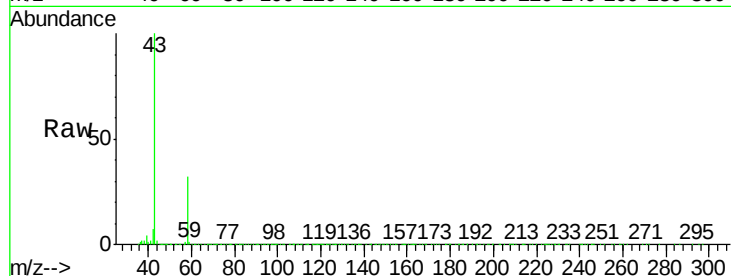
VSTDIC100

Tgt Ion: 58 Resp: 435229

Ion Ratio Lower Upper

58 100

43 314.8 236.3 354.5



#16

Carbon Disulfide

Concen: 104.963 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014612.D

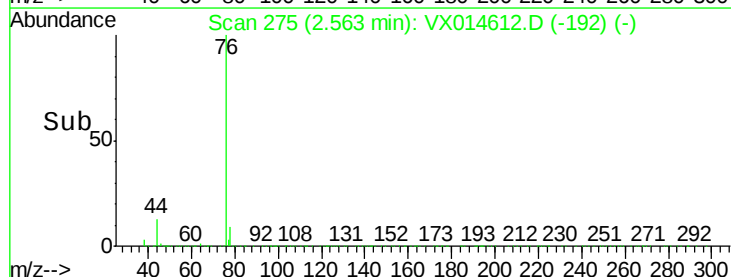
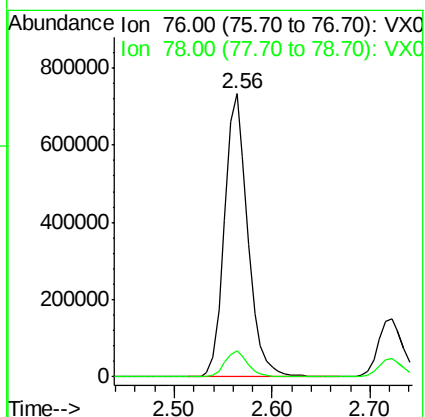
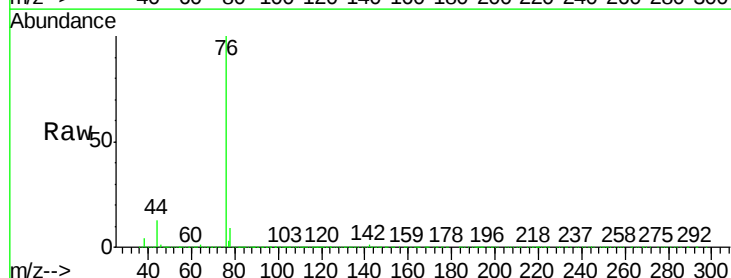
Acq: 15 Jan 2020 11:57

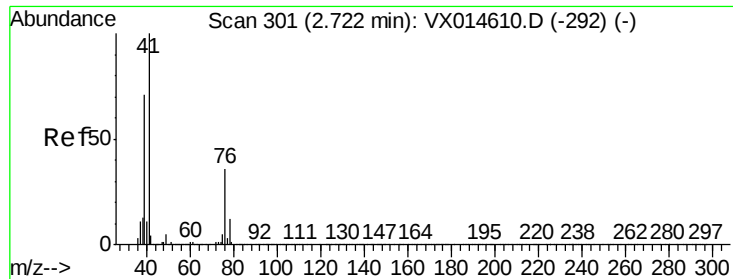
Tgt Ion: 76 Resp: 1205467

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

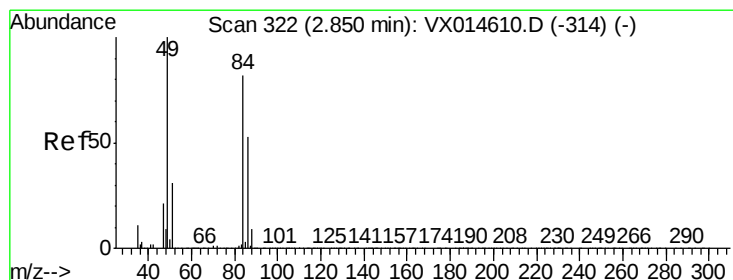
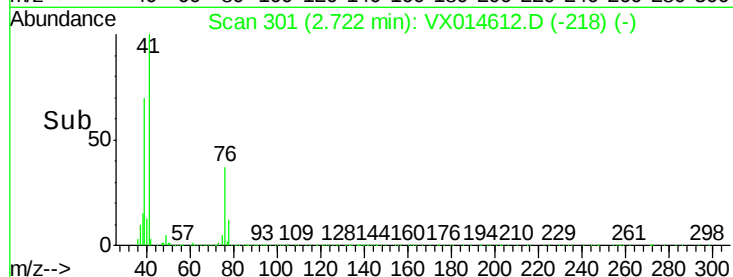
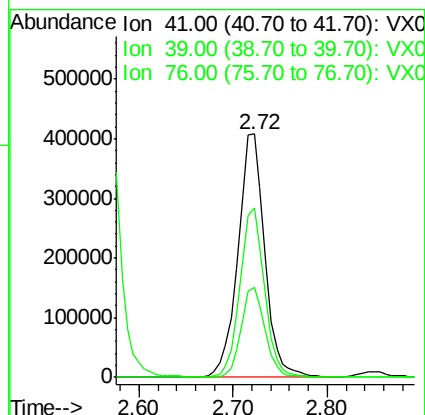
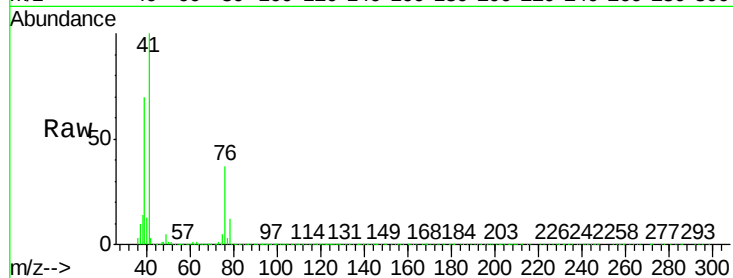




#17
 Allyl chloride
 Concen: 105.787 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

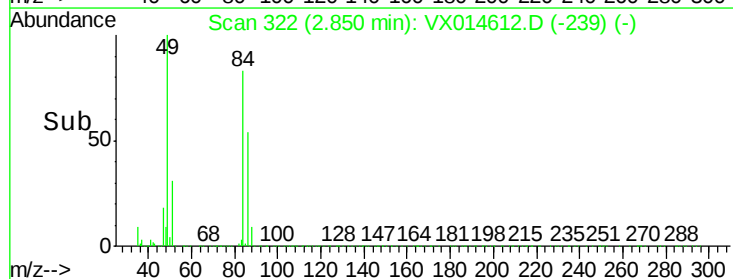
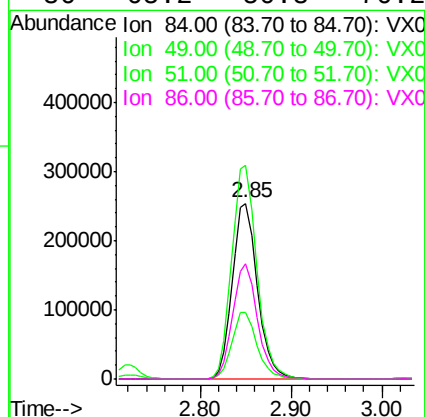
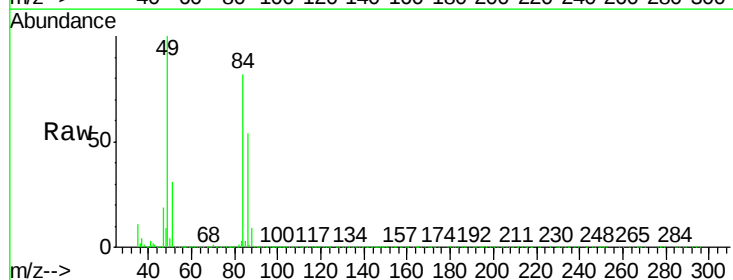
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

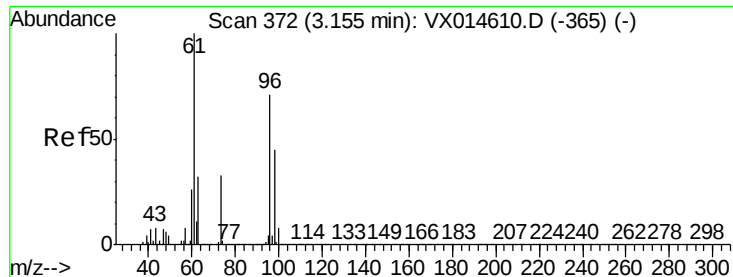
Tgt Ion:	41	Resp:	805889
Ion	Ratio	Lower	Upper
41	100		
39	69.6	33.4	100.2
76	36.8	17.0	50.9



#18
 Methylene Chloride
 Concen: 94.056 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion:	84	Resp:	488596
Ion	Ratio	Lower	Upper
84	100		
49	121.3	102.2	153.2
51	37.5	31.4	47.0
86	65.2	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 99.293 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

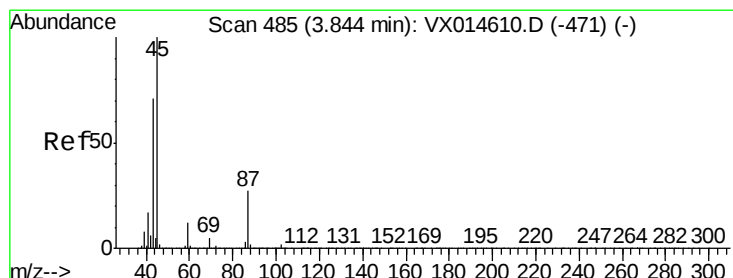
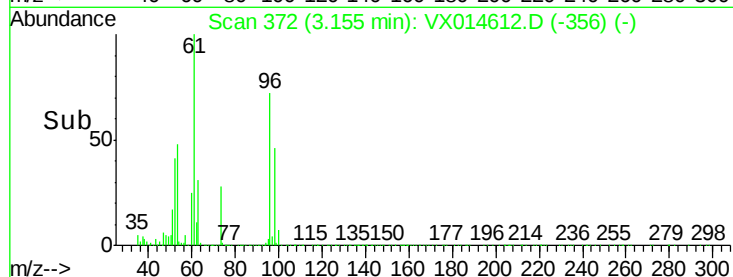
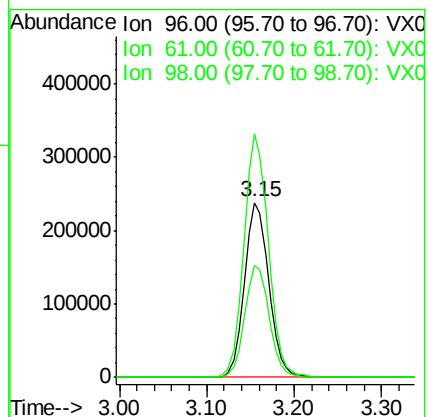
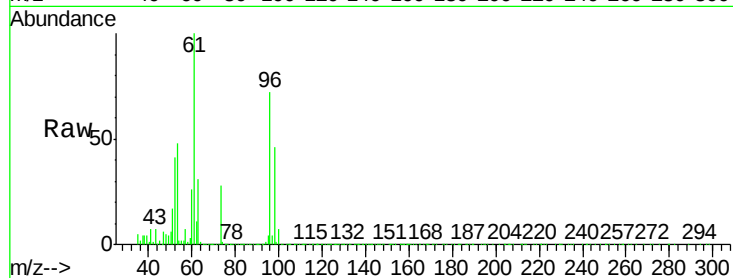
Tgt Ion: 96 Resp: 460961

Ion Ratio Lower Upper

96 100

61 139.2 106.6 159.8

98 63.9 51.6 77.4



#20

Diisopropyl ether

Concen: 100.932 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion: 45 Resp: 1577733

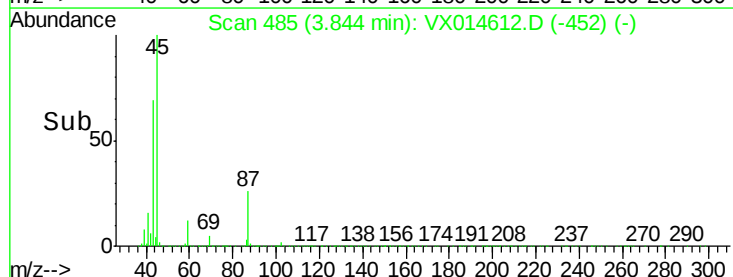
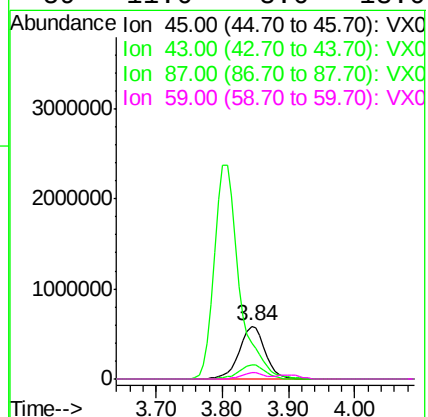
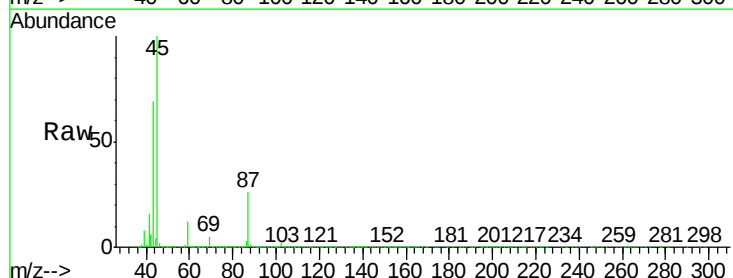
Ion Ratio Lower Upper

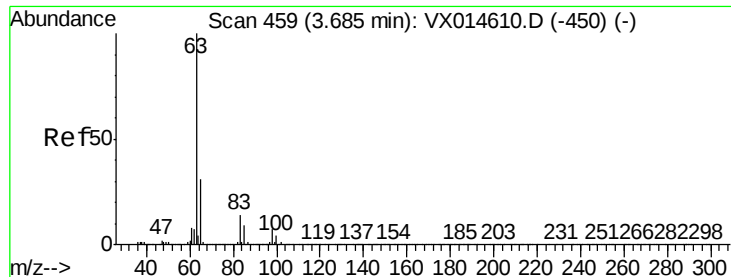
45 100

43 68.8 55.9 83.9

87 26.0 22.2 33.2

59 11.6 8.6 13.0





#21

1,1-Dichloroethane

Concen: 99.812 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

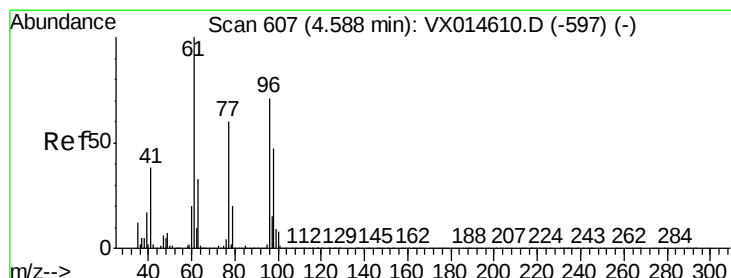
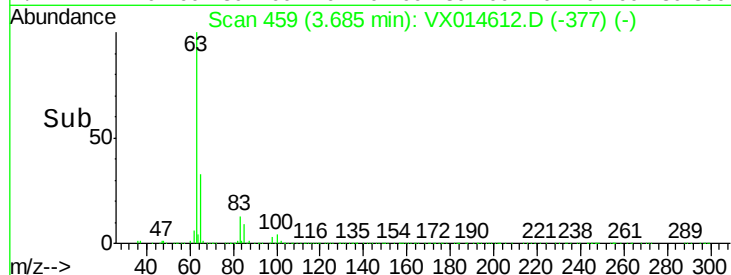
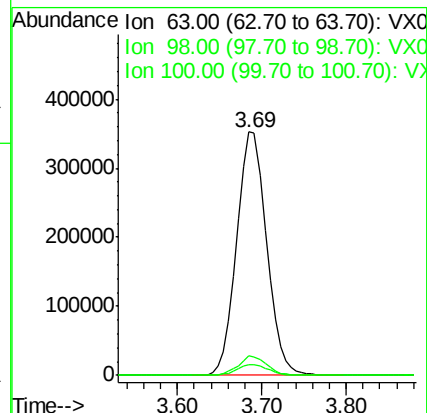
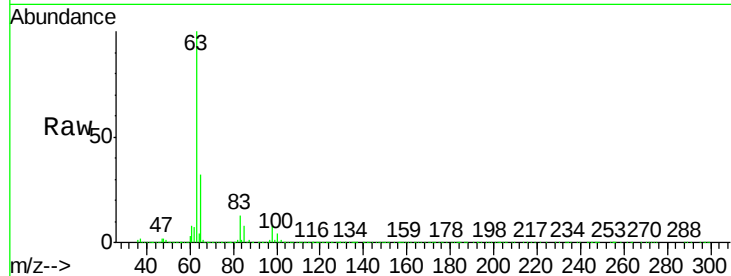
Tgt Ion: 63 Resp: 846781

Ion Ratio Lower Upper

63 100

98 7.9 3.4 10.1

100 4.4 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 98.461 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

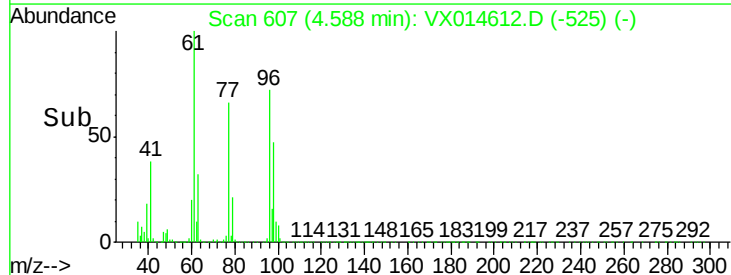
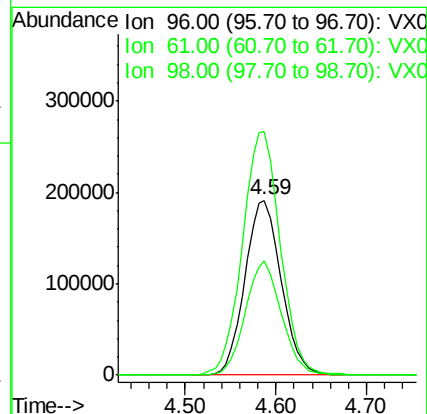
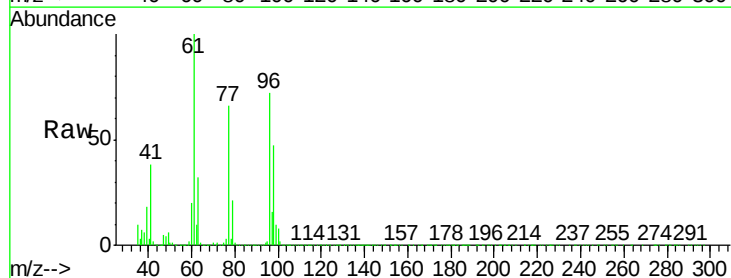
Tgt Ion: 96 Resp: 529891

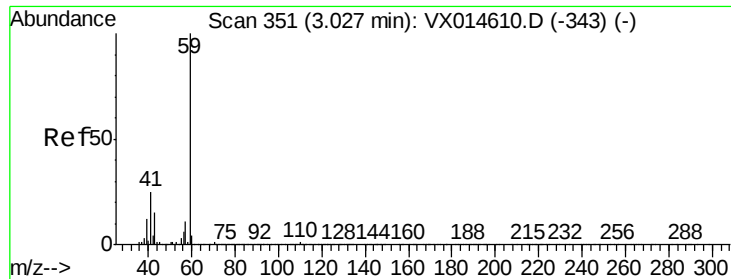
Ion Ratio Lower Upper

96 100

61 145.7 112.4 168.6

98 64.7 50.3 75.5



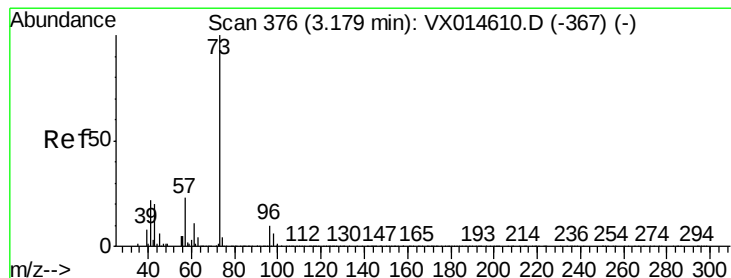
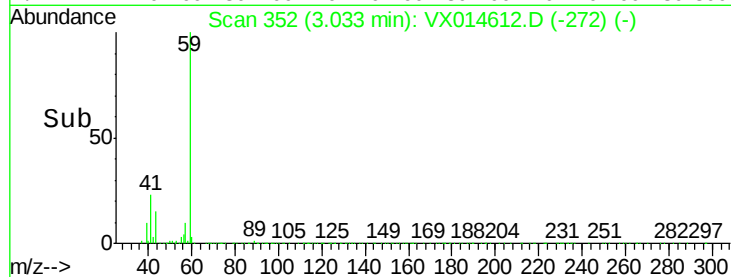
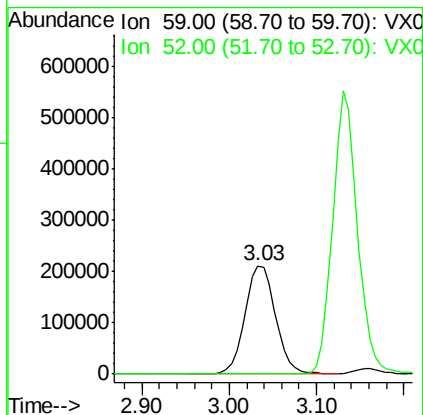
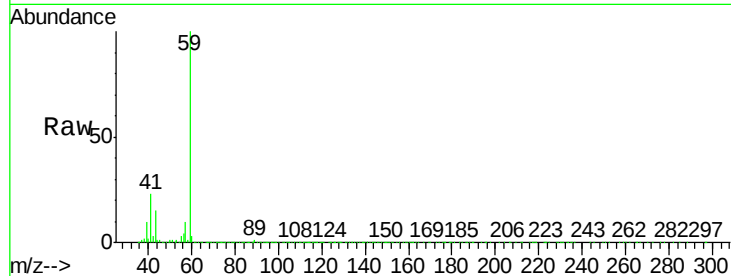


#23

tert-Butyl Alcohol
 Concen: 510.029 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

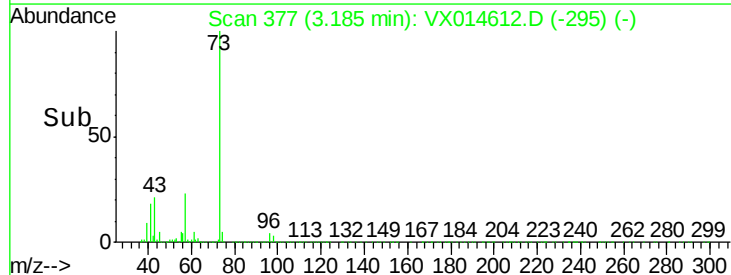
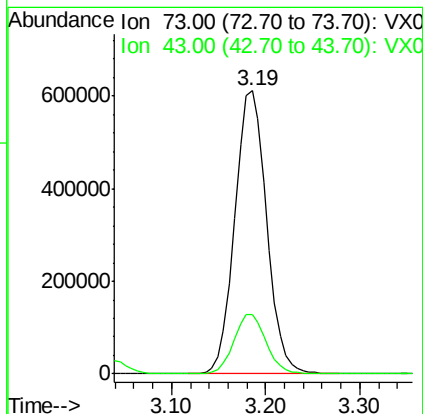
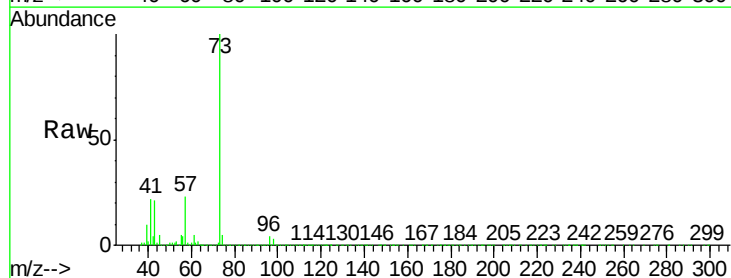
Tgt Ion: 59 Resp: 513265
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

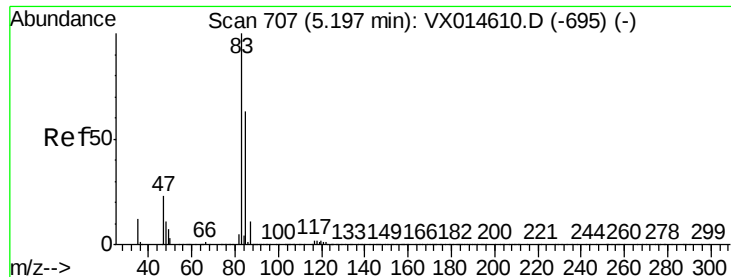


#24

Methyl tert-Butyl Ether
 Concen: 100.617 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 73 Resp: 1440924
 Ion Ratio Lower Upper
 73 100
 43 21.0 16.6 25.0





#25

Chloroform

Concen: 100.780 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

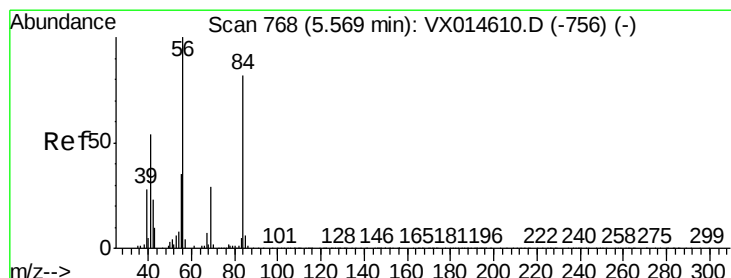
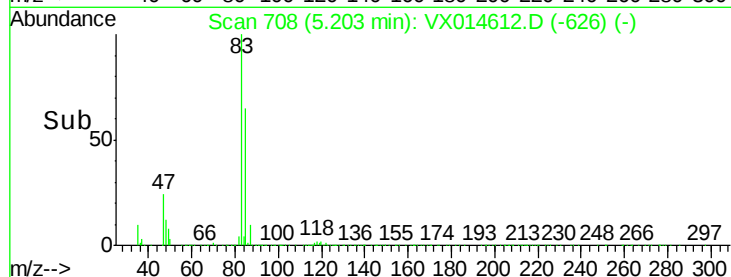
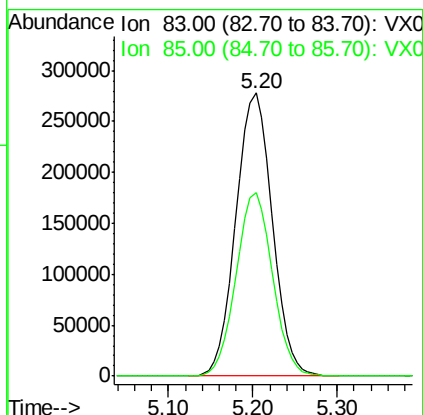
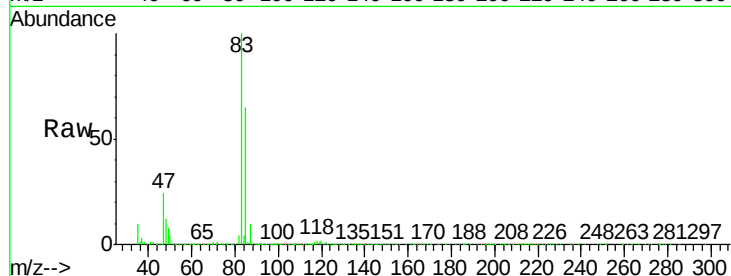
VSTDIC100

Tgt Ion: 83 Resp: 815140

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1



#26

Cyclohexane

Concen: 103.798 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

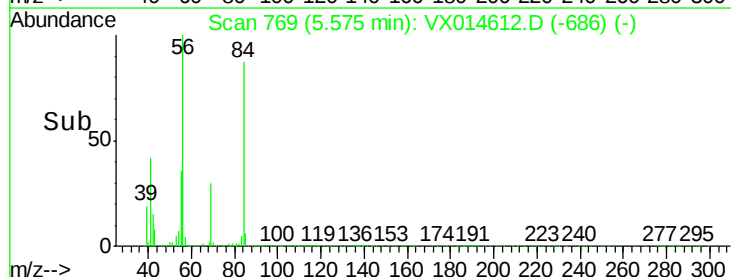
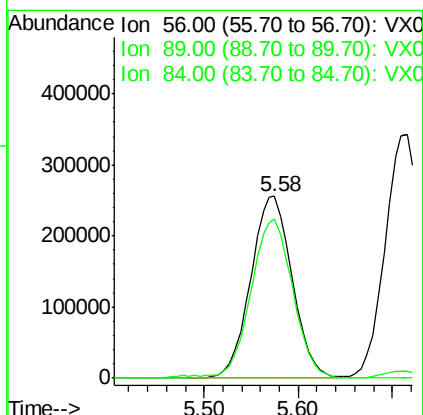
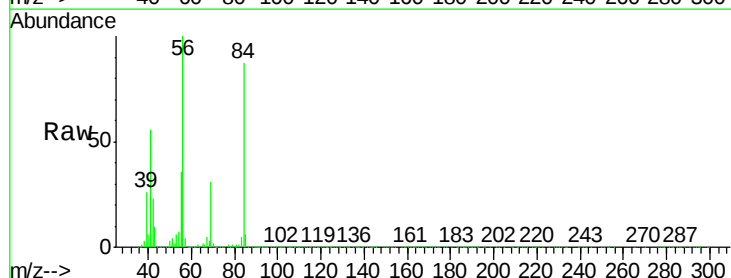
Tgt Ion: 56 Resp: 785226

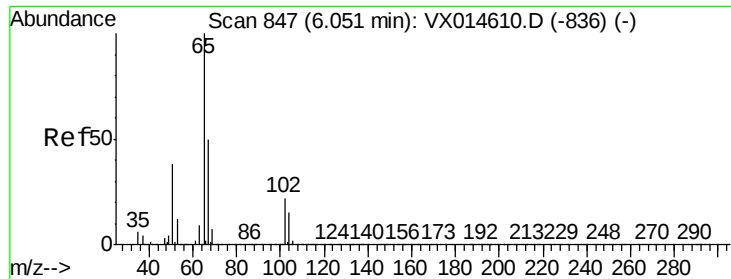
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 88.1 70.8 106.2

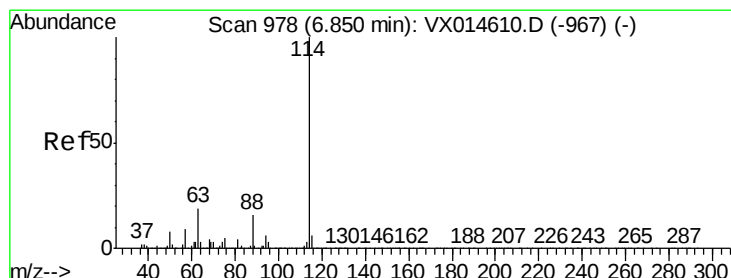
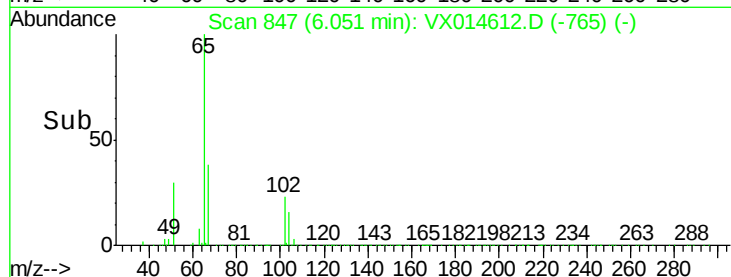
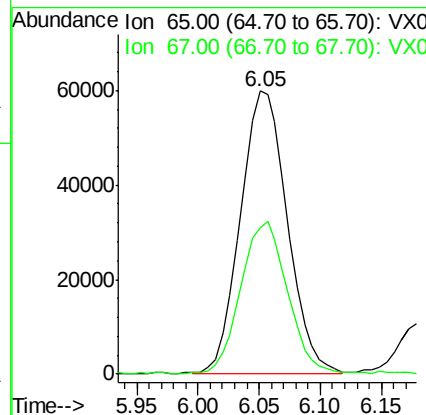
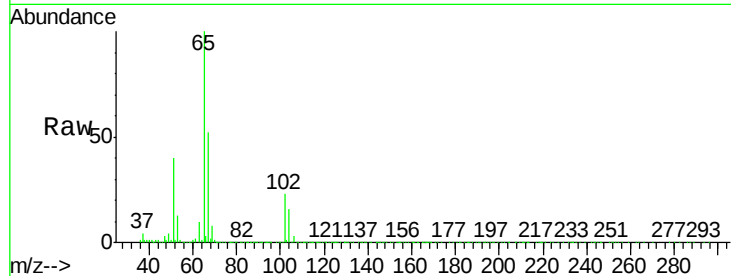




#27
 1,2-Dichloroethane-d4
 Concen: 29.423 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

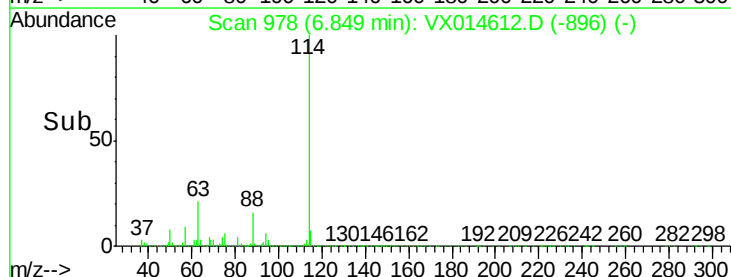
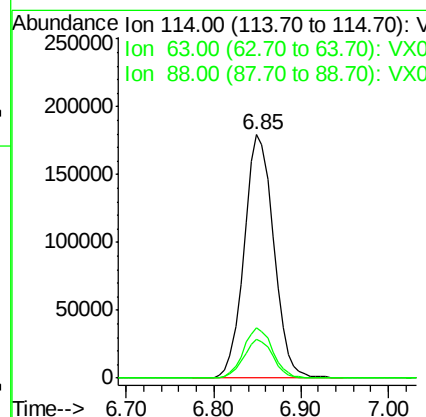
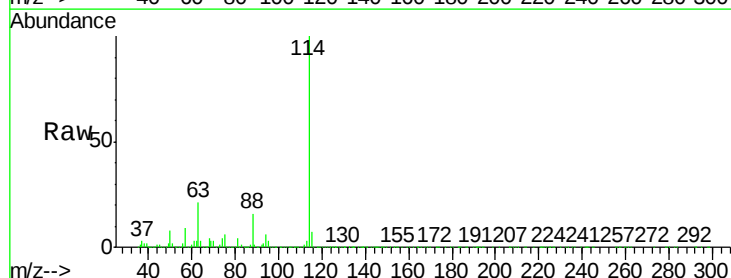
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

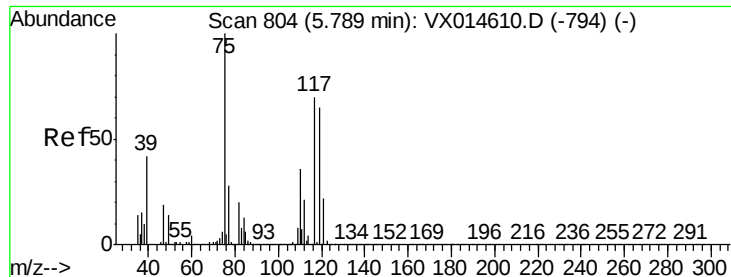
Tgt Ion: 65 Resp: 159534
 Ion Ratio Lower Upper
 65 100
 67 53.1 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 114 Resp: 421932
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.1 24.1
 88 15.5 12.5 18.7





#29

1,1-Dichloropropene

Concen: 103.993 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

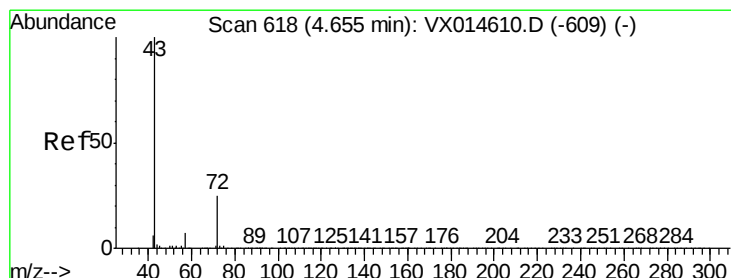
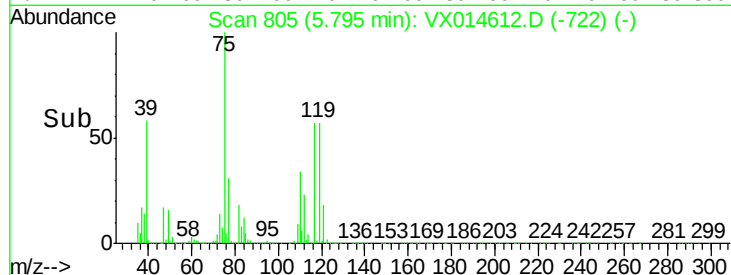
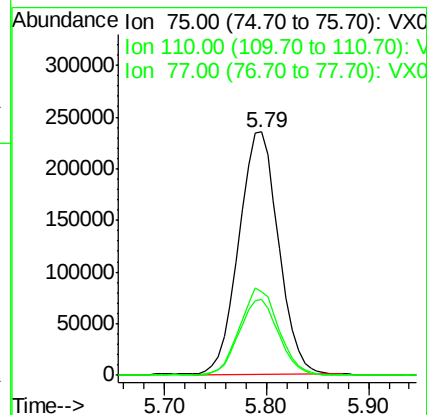
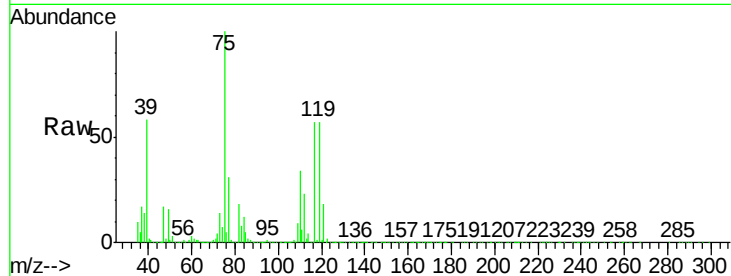
Tgt Ion: 75 Resp: 633804

Ion Ratio Lower Upper

75 100

110 35.5 0.0 73.8

77 31.2 0.0 62.4



#30

2-Butanone

Concen: 548.412 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

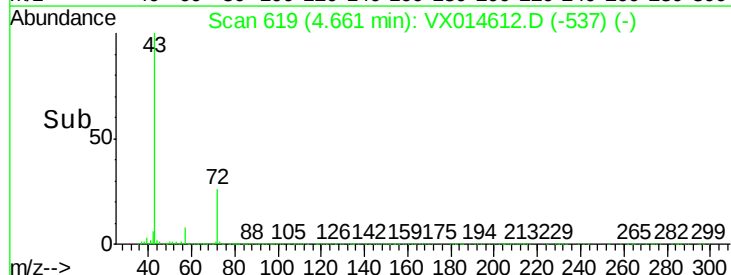
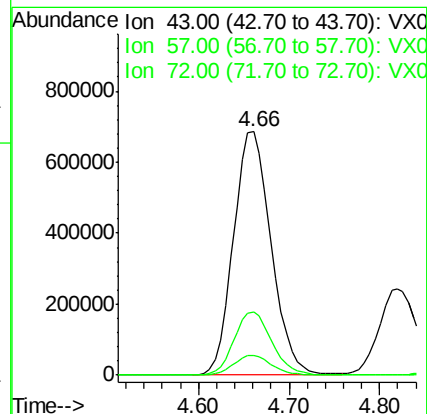
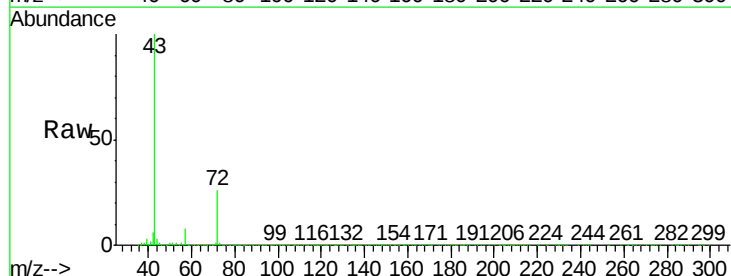
Tgt Ion: 43 Resp: 1970083

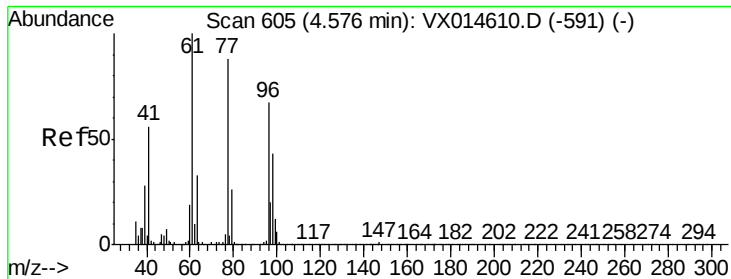
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.2

72 25.7 20.3 30.5





#31

2,2-Dichloropropane

Concen: 121.468 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

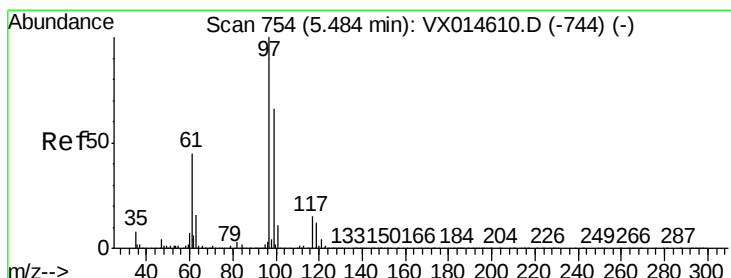
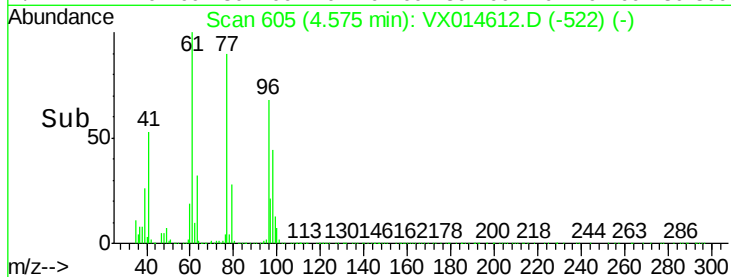
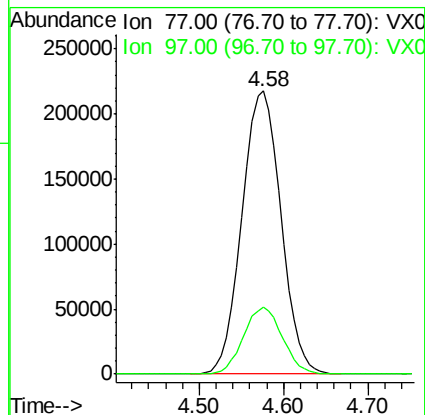
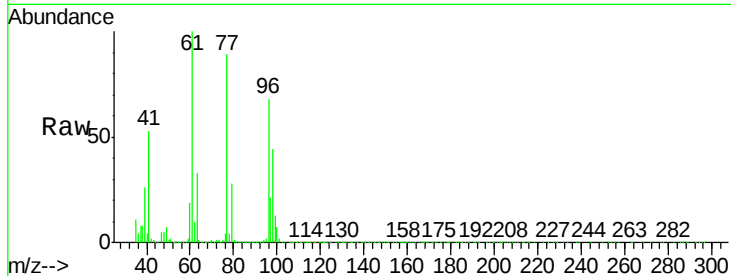
VSTDIC100

Tgt Ion: 77 Resp: 684798

Ion Ratio Lower Upper

77 100

97 23.5 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 103.439 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

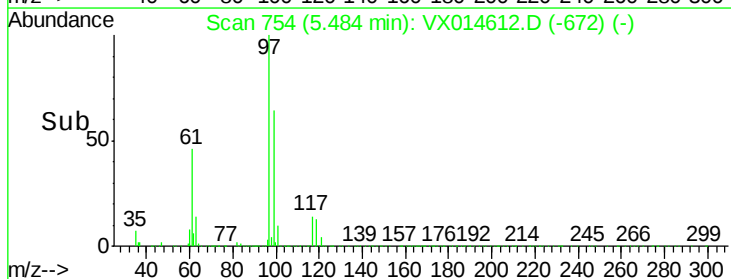
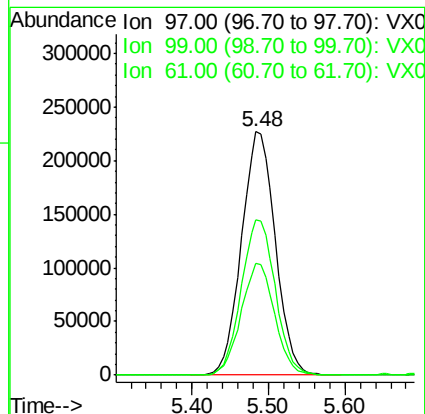
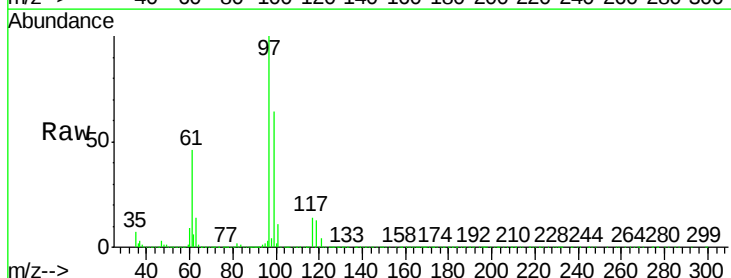
Tgt Ion: 97 Resp: 697301

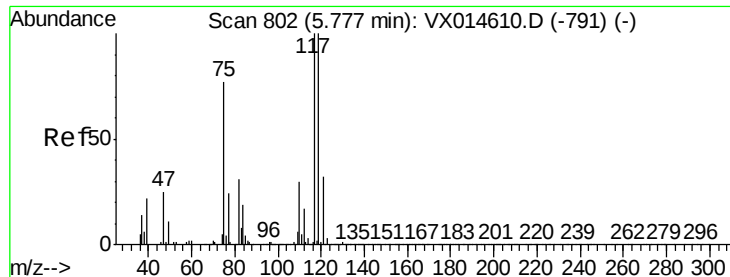
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 45.4 36.8 55.2





#33

Carbon Tetrachloride

Concen: 105.591 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

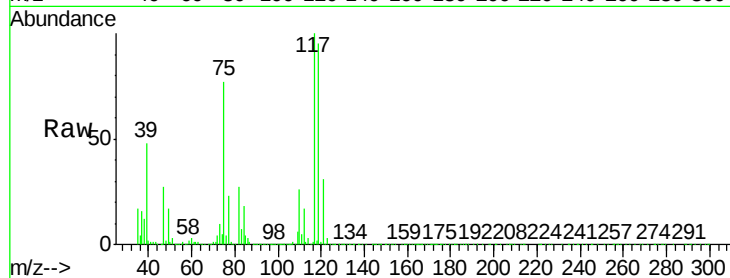
Tgt Ion: 117 Resp: 605087

Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

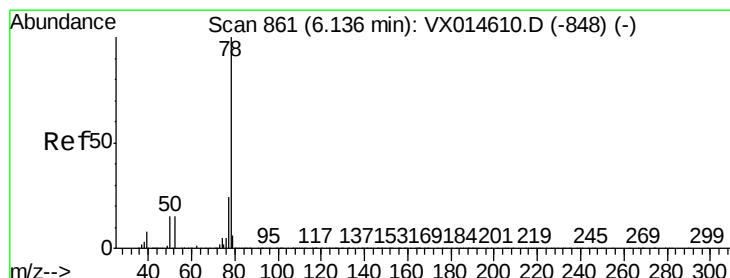
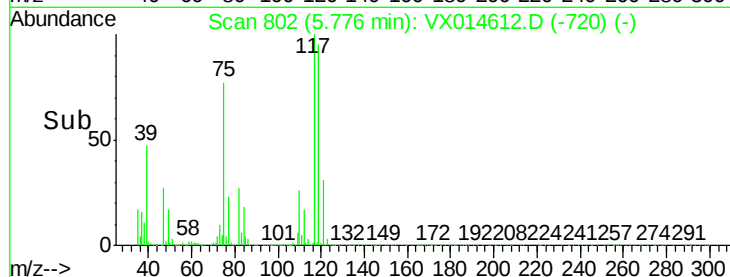
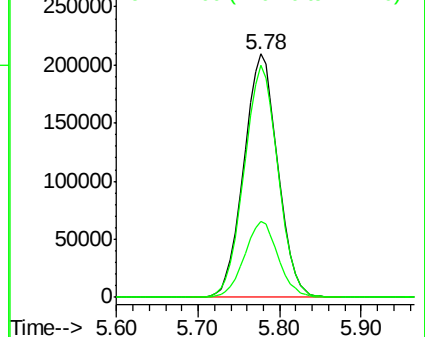
121 31.0 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 101.732 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

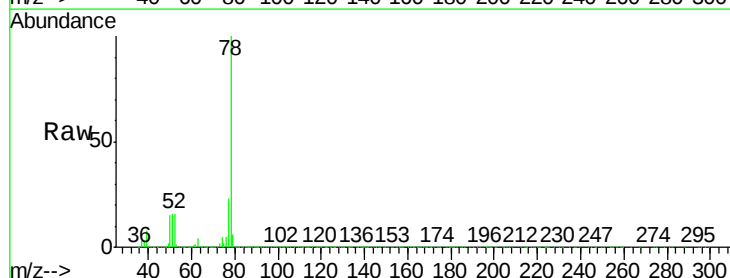
Tgt Ion: 78 Resp: 1933316

Ion Ratio Lower Upper

78 100

77 23.4 18.2 27.2

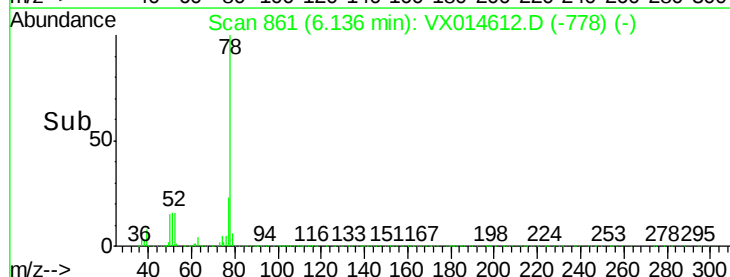
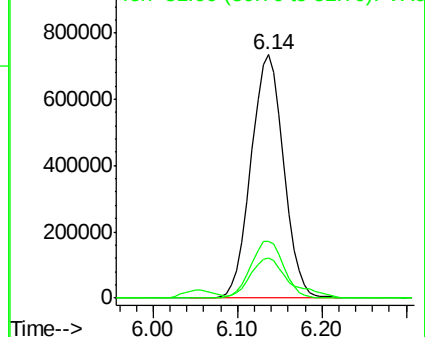
51 16.1 12.4 18.6

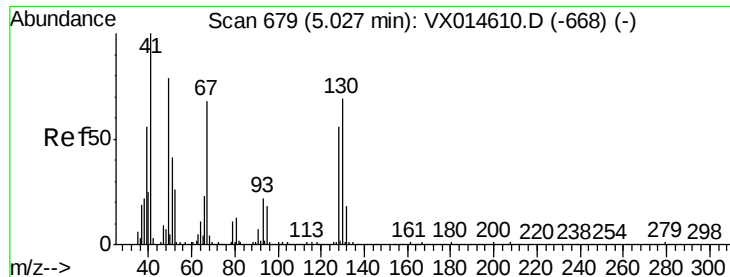


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 105.082 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 405996

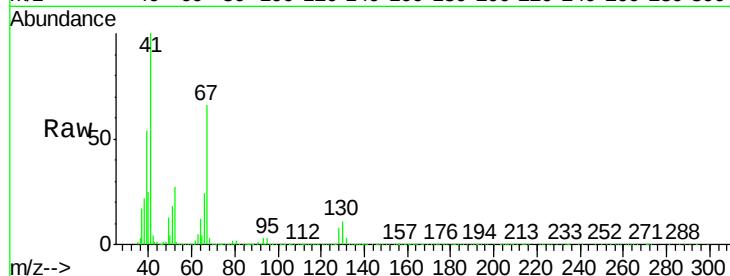
Ion Ratio Lower Upper

41 100

39 53.6 26.7 80.1

67 66.1 31.5 94.5

52 26.5 12.8 38.4

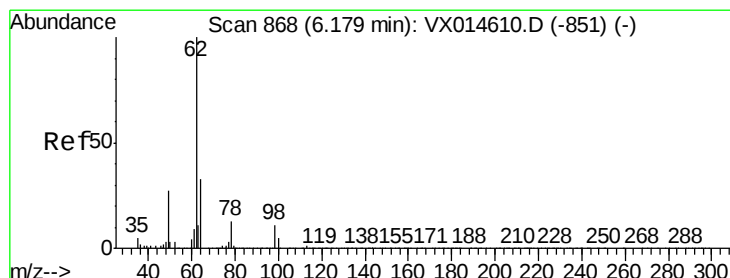
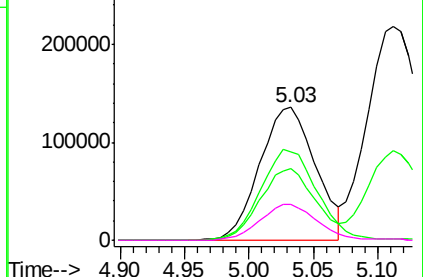
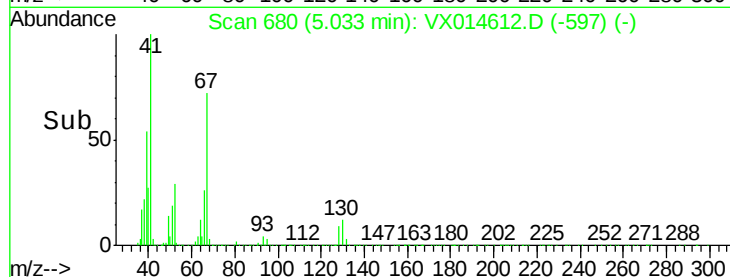


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 99.873 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX014612.D

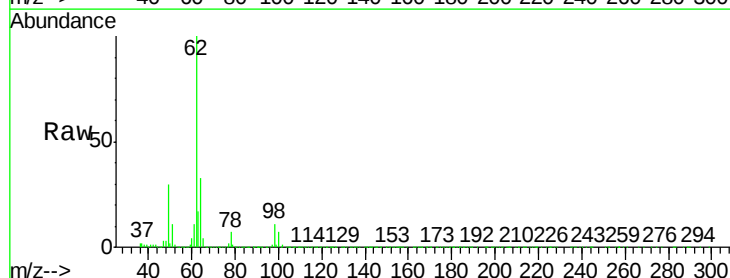
Acq: 15 Jan 2020 11:57

Tgt Ion: 62 Resp: 659299

Ion Ratio Lower Upper

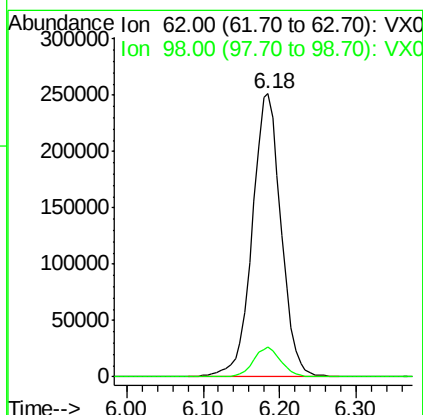
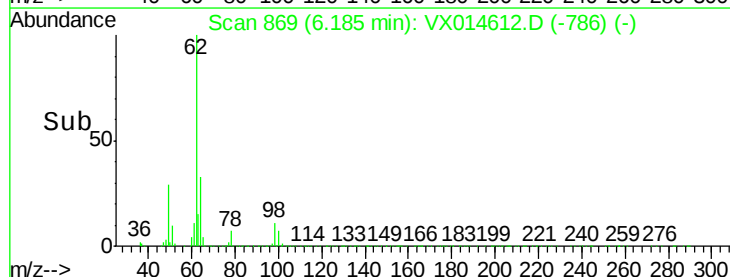
62 100

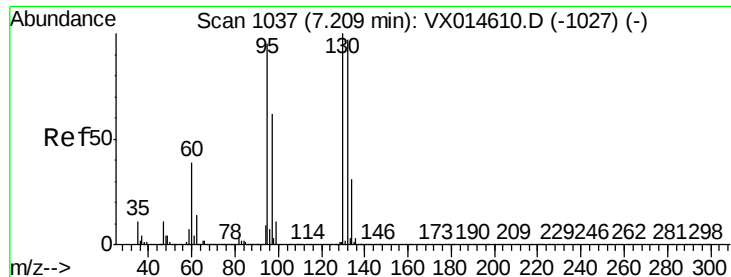
98 10.1 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

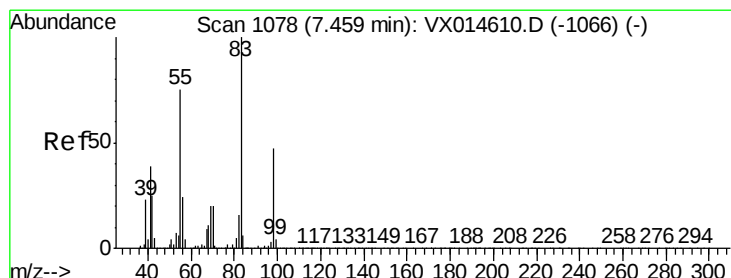
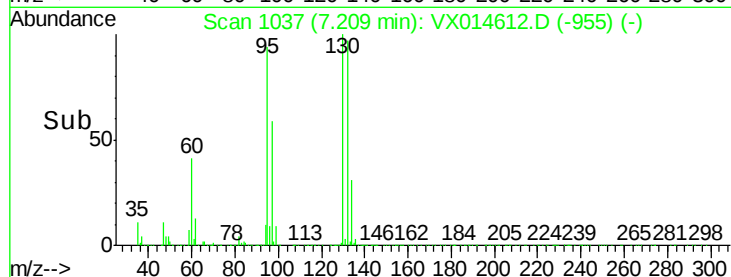
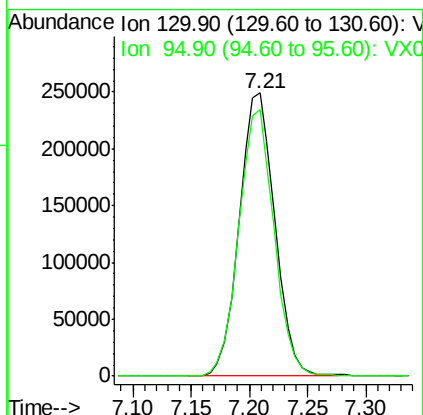
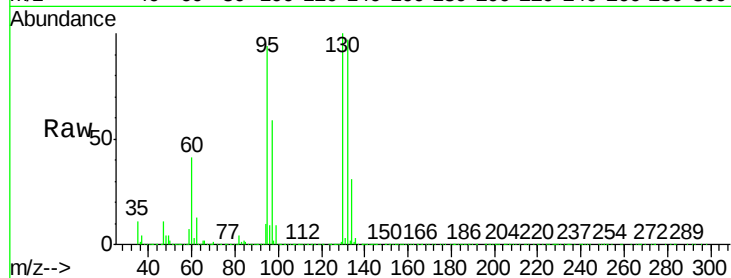




#37
 Trichloroethene
 Concen: 102.778 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

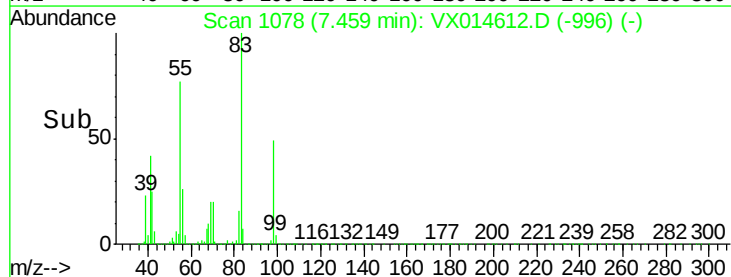
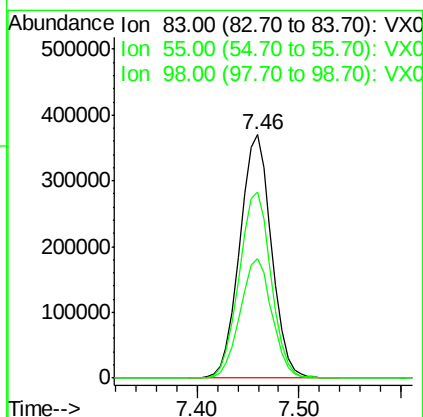
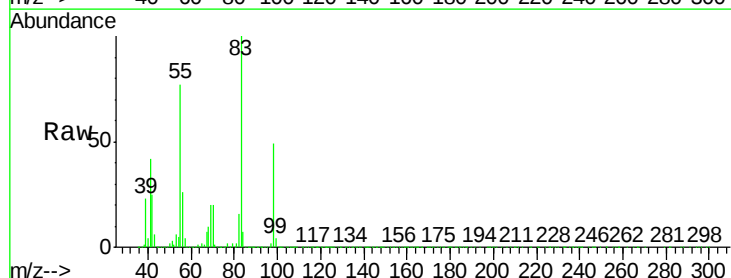
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

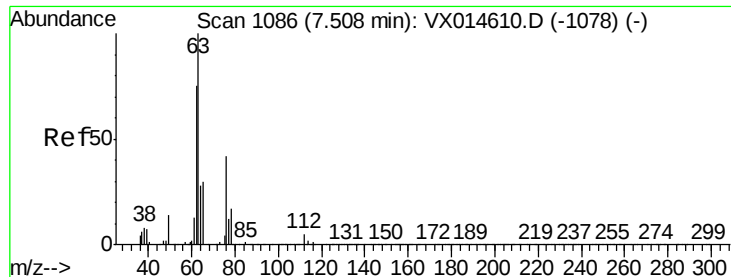
Tgt Ion:130 Resp: 531472
 Ion Ratio Lower Upper
 130 100
 95 94.2 71.7 107.5



#38
 Methylcyclohexane
 Concen: 109.571 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 83 Resp: 796578
 Ion Ratio Lower Upper
 83 100
 55 76.9 39.4 118.1
 98 49.5 25.1 75.3

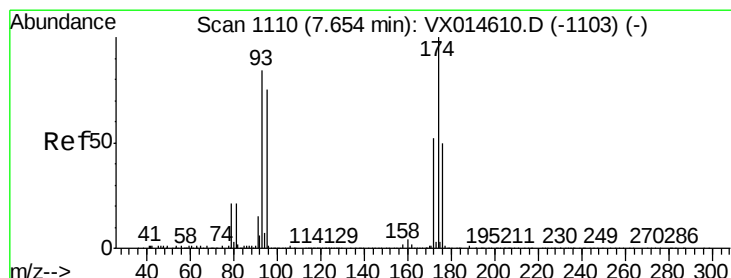
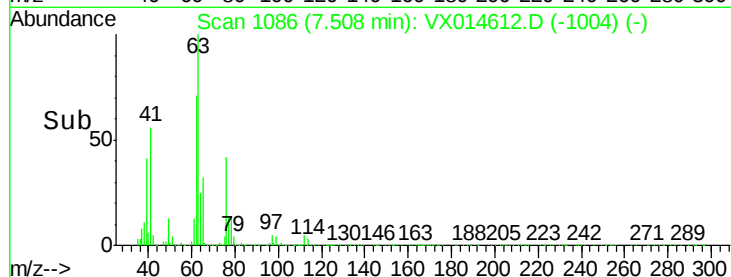
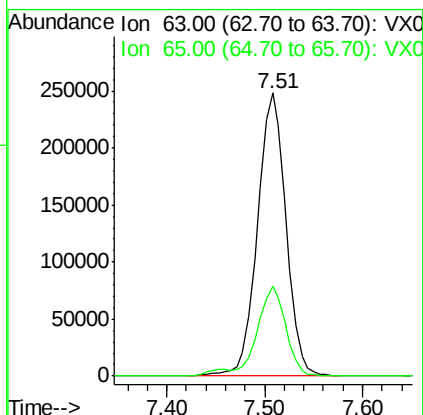
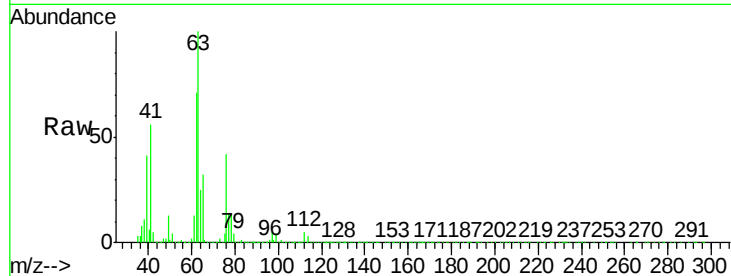




#39
 1,2-Dichloropropane
 Concen: 101.707 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

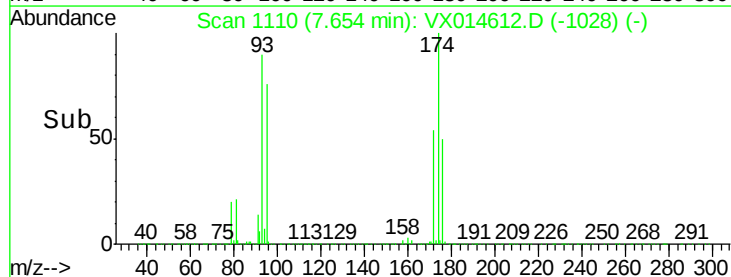
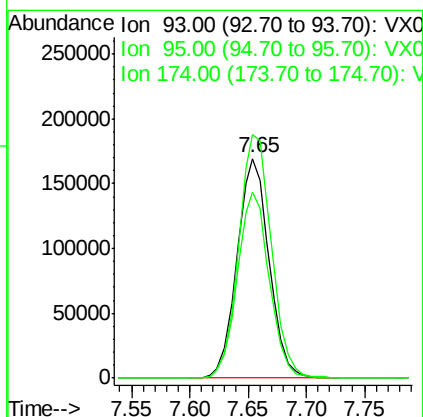
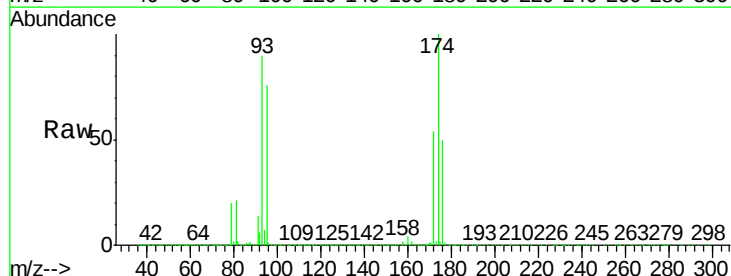
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

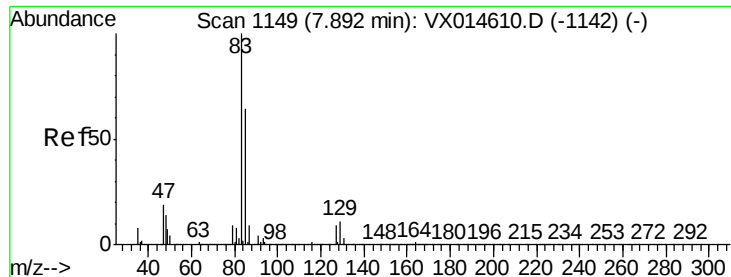
Tgt Ion: 63 Resp: 502008
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.1 33.1



#40
 Dibromomethane
 Concen: 102.706 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 93 Resp: 323844
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 164.4
 174 113.9 0.0 228.8





#41

Bromodichloromethane

Concen: 106.754 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

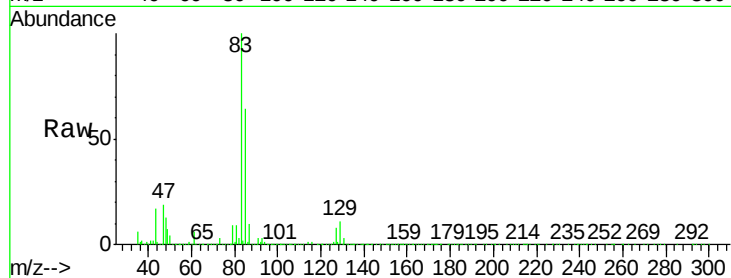
Tgt Ion: 83 Resp: 651769

Ion Ratio Lower Upper

83 100

85 63.7 51.6 77.4

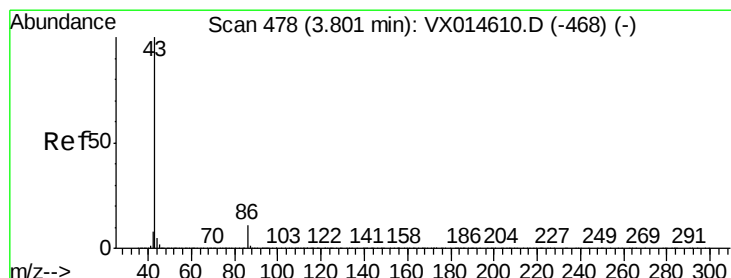
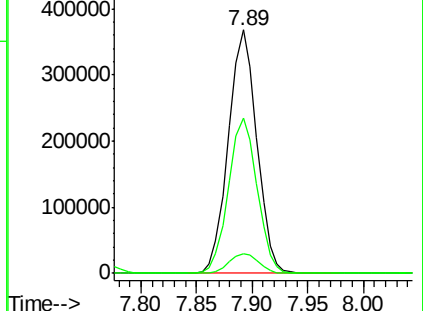
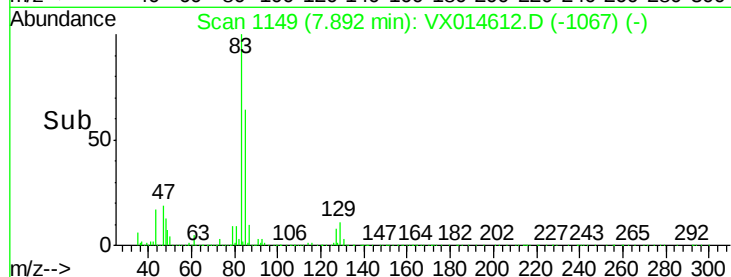
127 8.2 6.0 9.0



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: 490.223 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014612.D

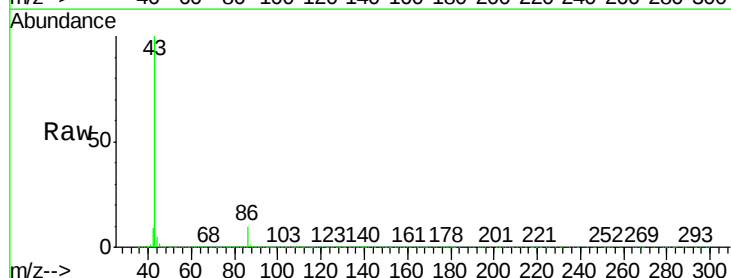
Acq: 15 Jan 2020 11:57

Tgt Ion: 43 Resp: 6217507

Ion Ratio Lower Upper

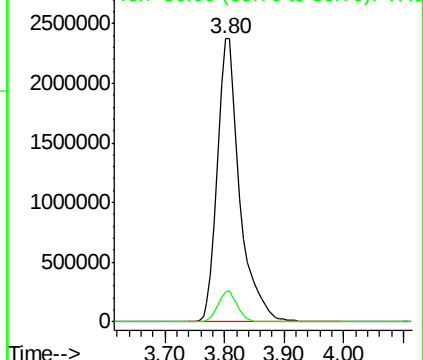
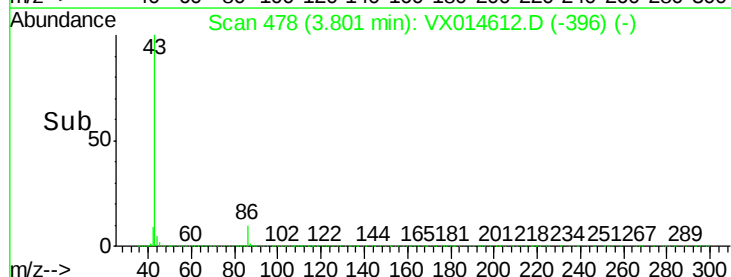
43 100

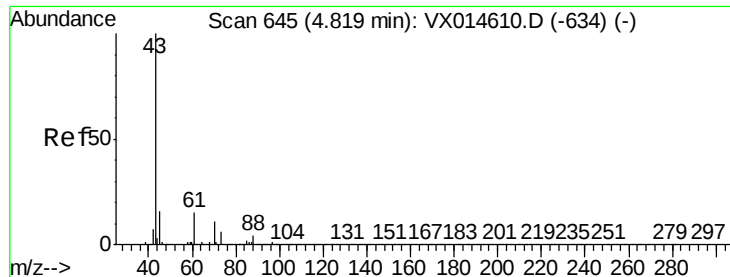
86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 104.416 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

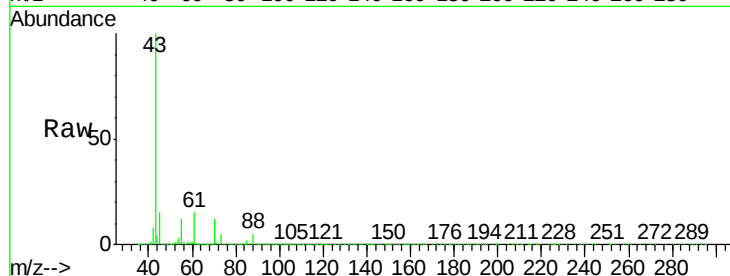
VSTDIC100

Tgt Ion: 43 Resp: 719749

Ion Ratio Lower Upper

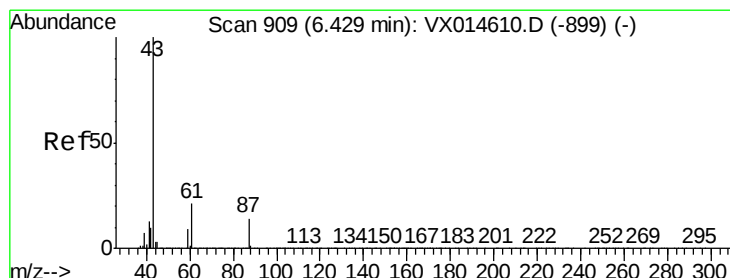
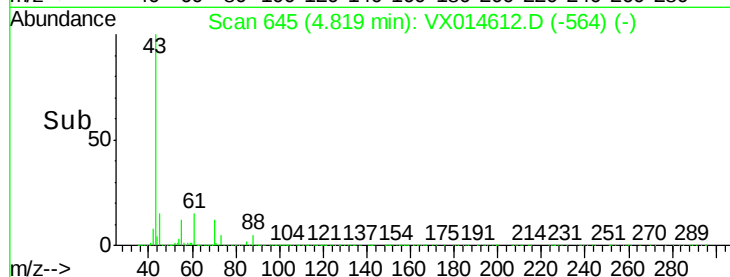
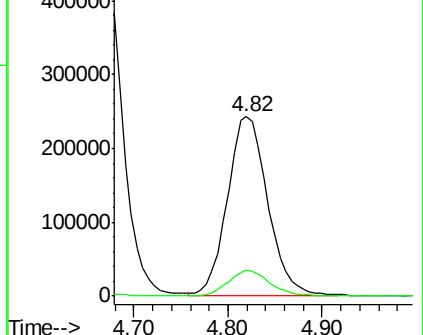
43 100

45 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 103.054 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014612.D

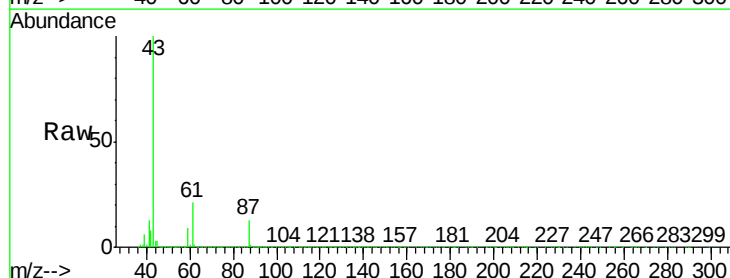
Acq: 15 Jan 2020 11:57

Tgt Ion: 43 Resp: 1189750

Ion Ratio Lower Upper

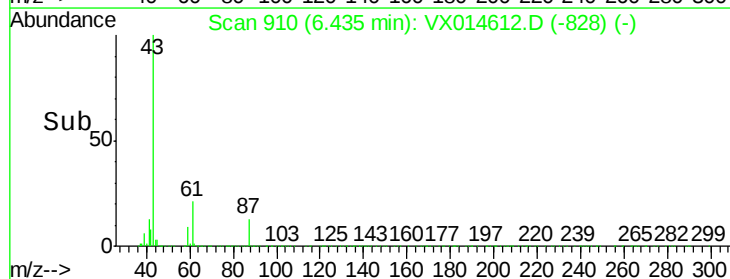
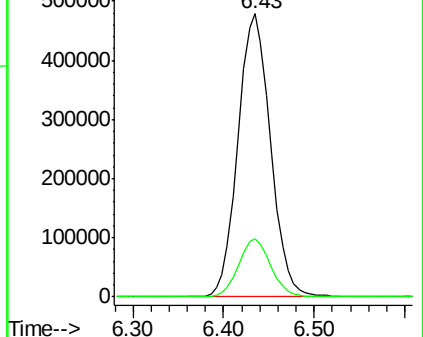
43 100

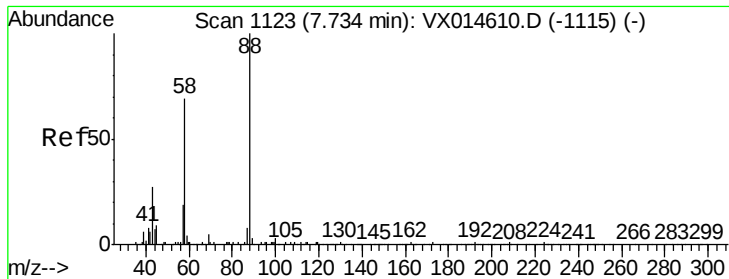
61 20.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 1990.477 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

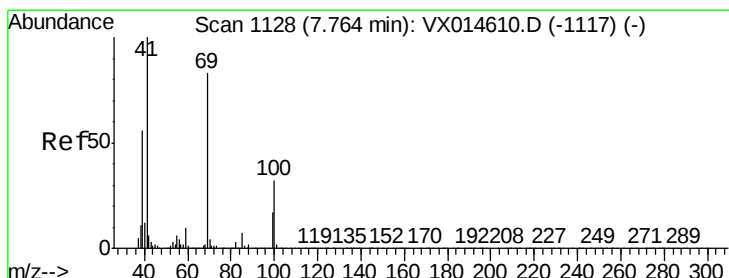
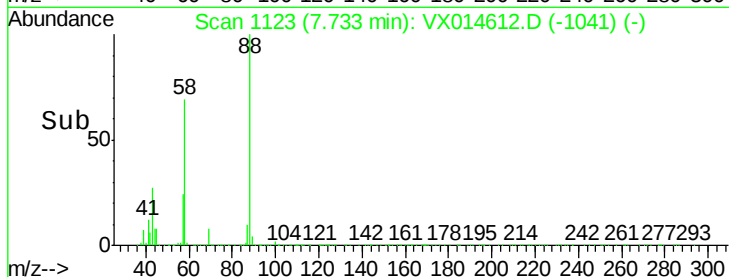
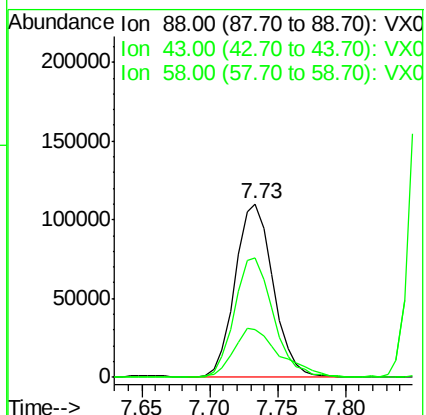
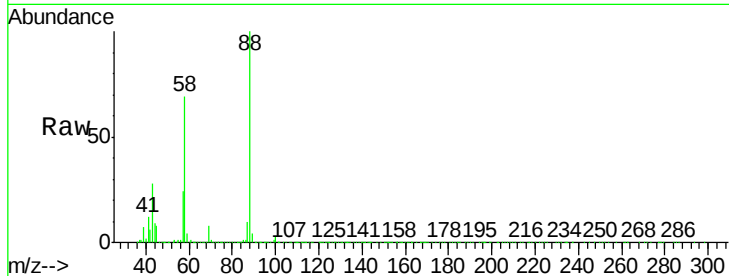
Tgt Ion: 88 Resp: 215198

Ion Ratio Lower Upper

88 100

43 33.1 25.4 38.2

58 70.1 56.5 84.7



#46

Methyl methacrylate

Concen: 105.476 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

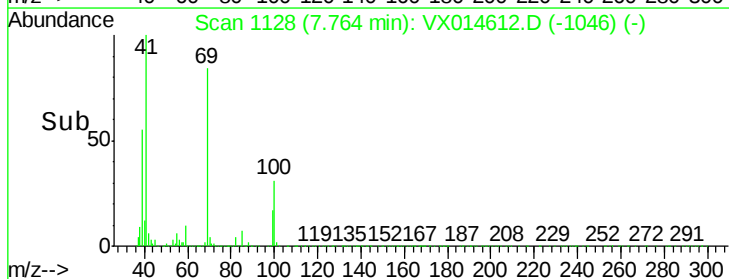
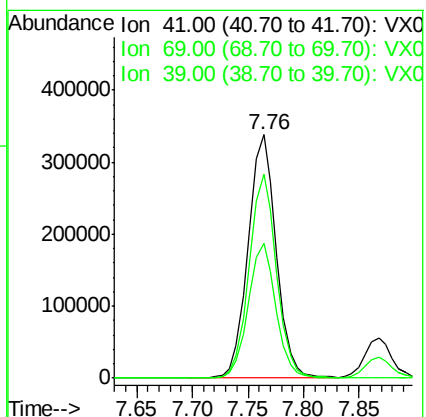
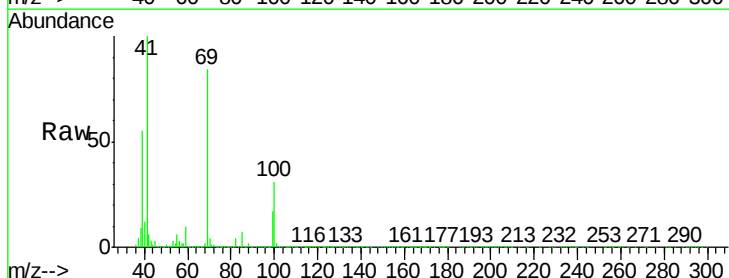
Tgt Ion: 41 Resp: 591484

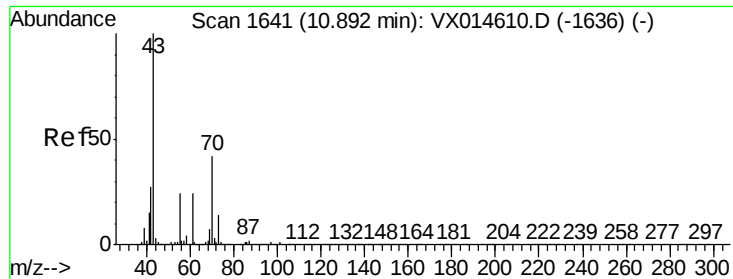
Ion Ratio Lower Upper

41 100

69 83.9 40.6 122.0

39 55.2 27.8 83.3





#47

n-amy1 Acetate

Concen: 102.618 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

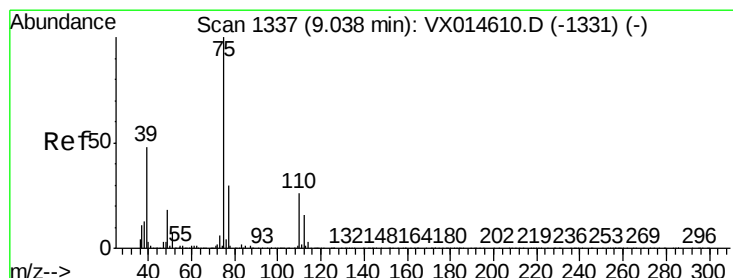
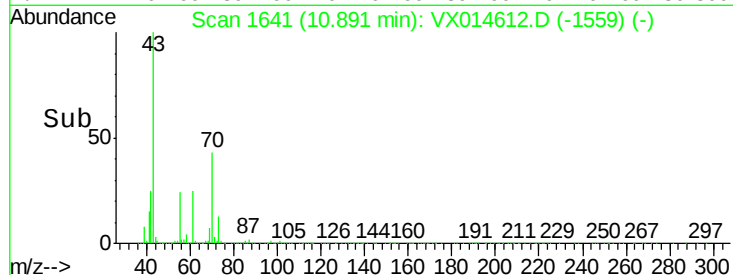
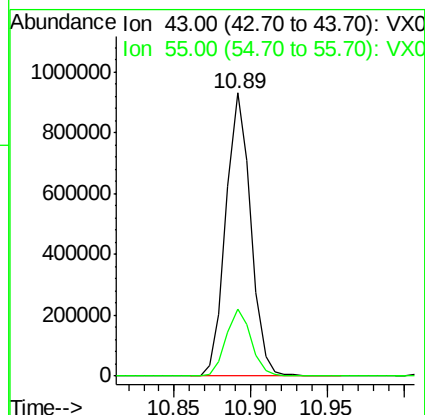
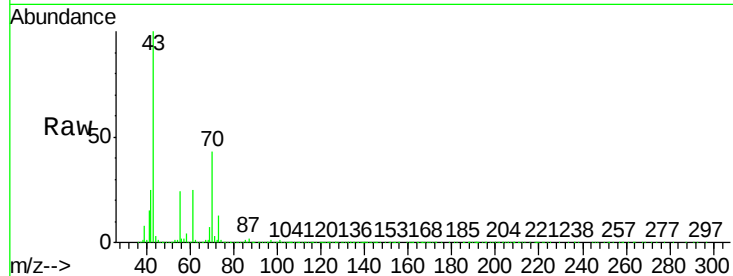
VSTDICC100

Tgt Ion: 43 Resp: 1053415

Ion Ratio Lower Upper

43 100

55 23.7 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 111.494 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014612.D

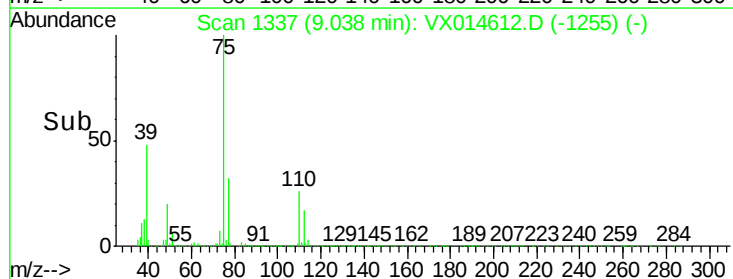
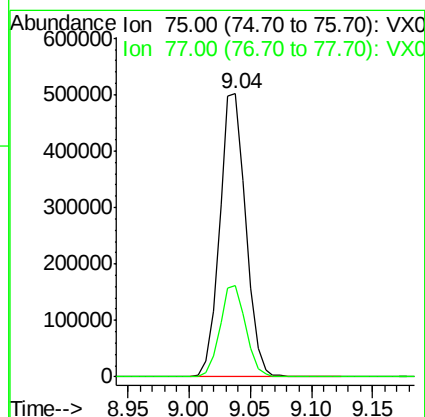
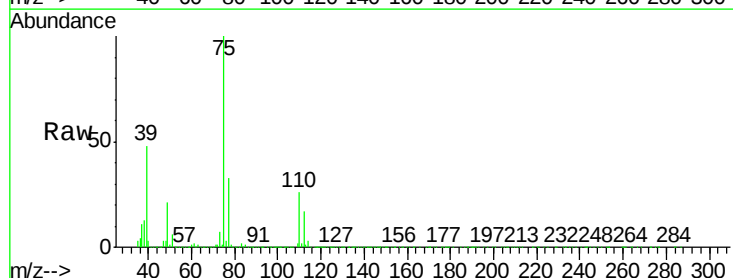
Acq: 15 Jan 2020 11:57

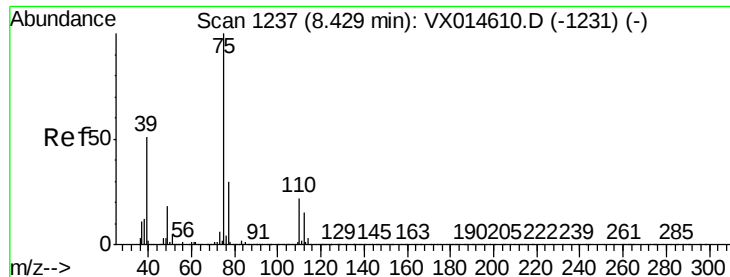
Tgt Ion: 75 Resp: 742953

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



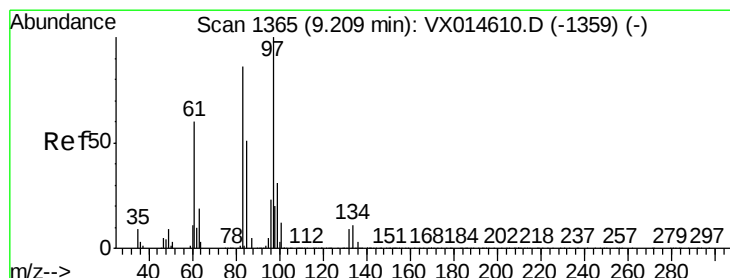
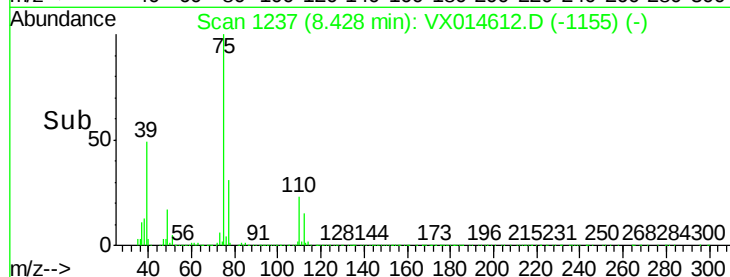
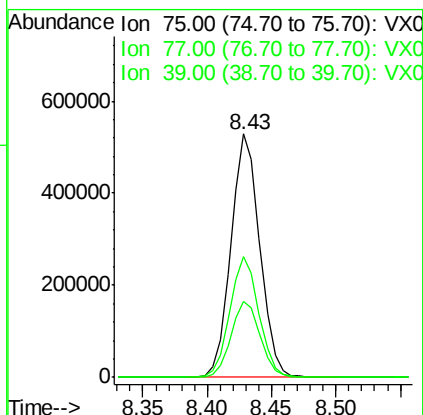
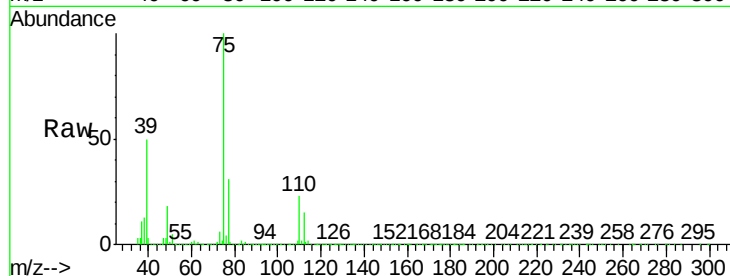


#49

cis-1,3-Dichloropropene
Concen: 109.983 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

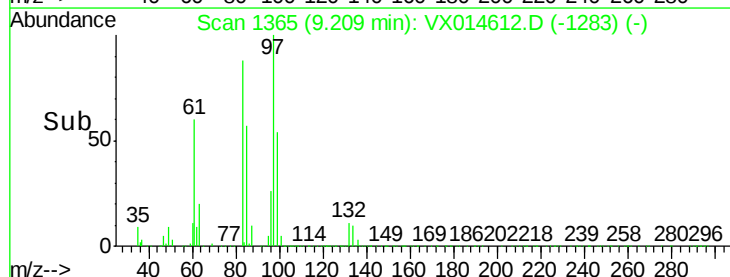
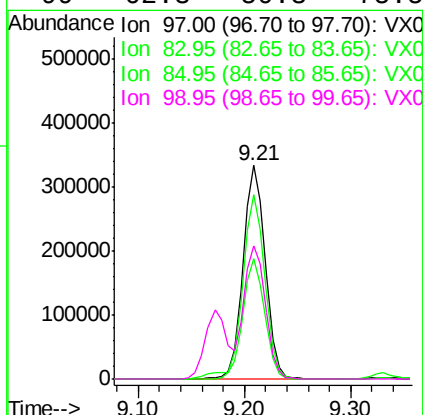
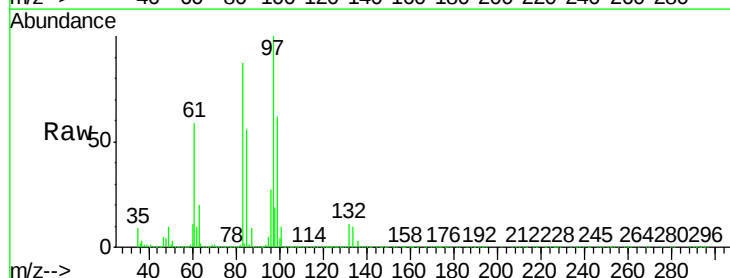
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	49.5	41.1	61.7

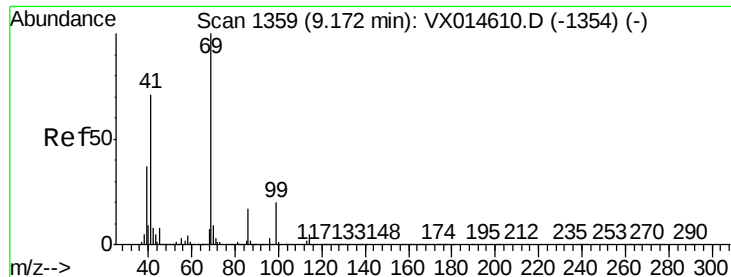


#50

1,1,2-Trichloroethane
Concen: 100.625 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.1	102.1
85	56.4	42.7	64.1
99	62.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 104.625 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

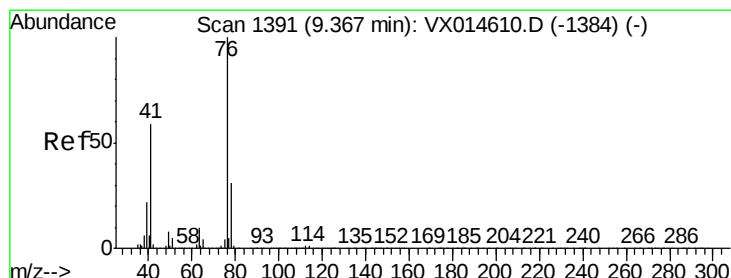
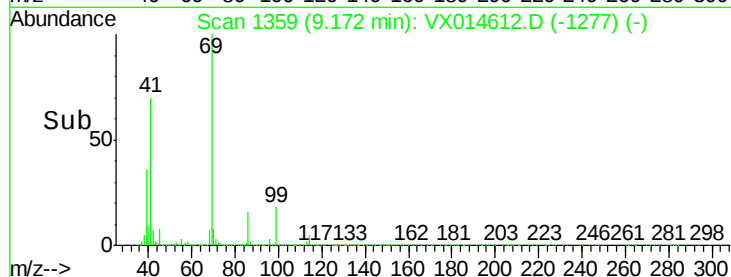
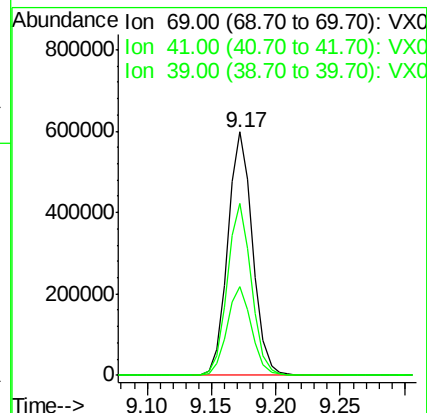
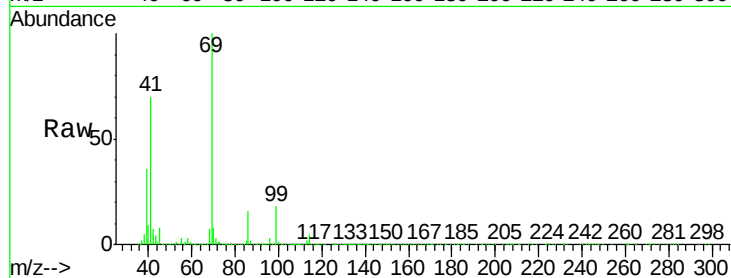
Tgt Ion: 69 Resp: 809835

Ion Ratio Lower Upper

69 100

41 70.3 35.4 106.1

39 36.2 17.8 53.3



#52

1,3-Dichloropropane

Concen: 101.292 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014612.D

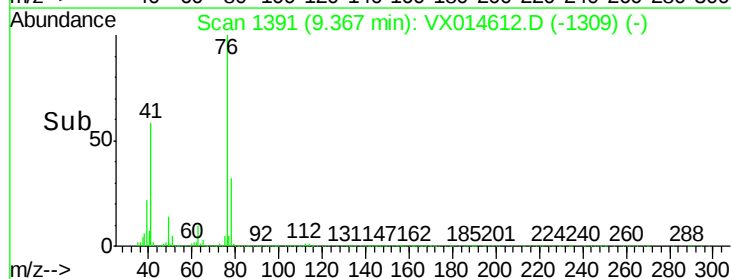
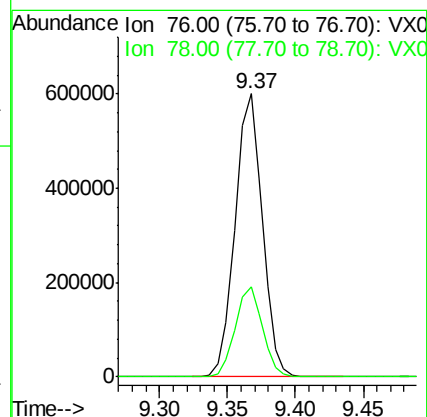
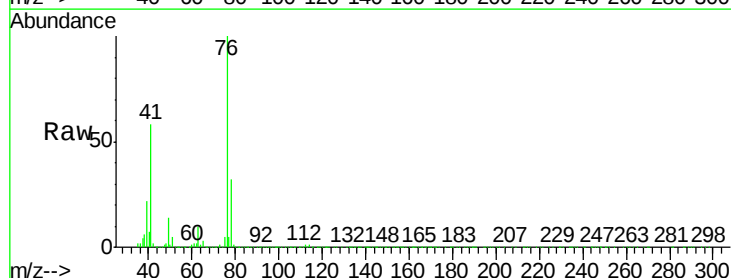
Acq: 15 Jan 2020 11:57

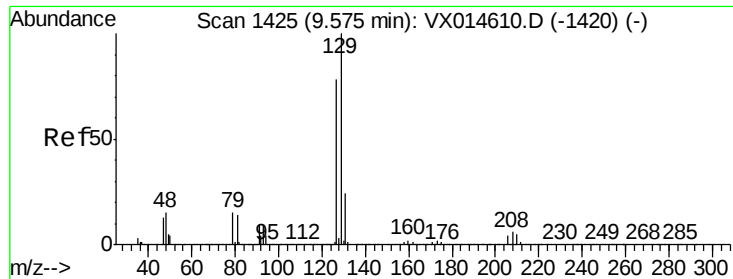
Tgt Ion: 76 Resp: 837449

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.4





#53

Dibromochloromethane

Concen: 108.745 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

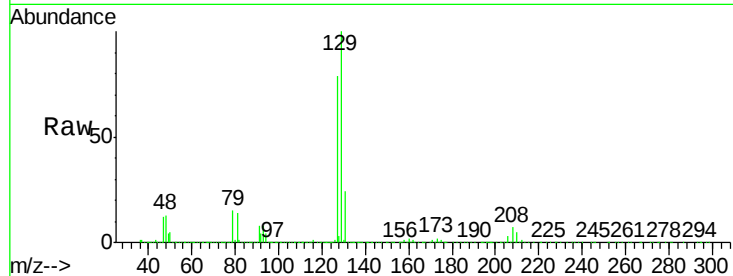
VSTDIC100

Tgt Ion:129 Resp: 529139

Ion Ratio Lower Upper

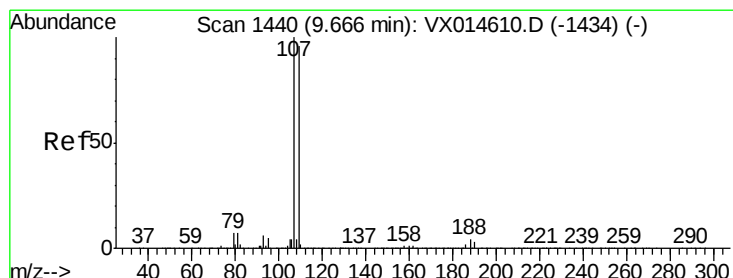
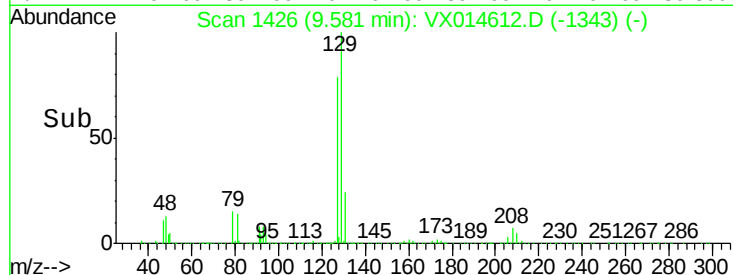
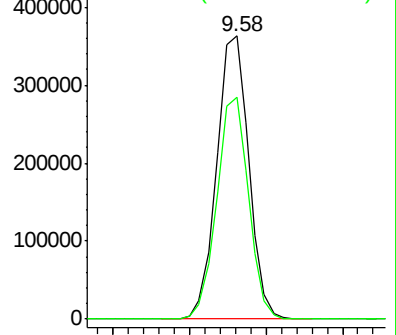
129 100

127 77.6 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 102.827 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014612.D

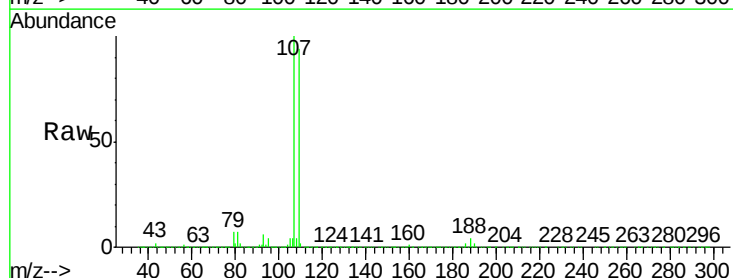
Acq: 15 Jan 2020 11:57

Tgt Ion:107 Resp: 515188

Ion Ratio Lower Upper

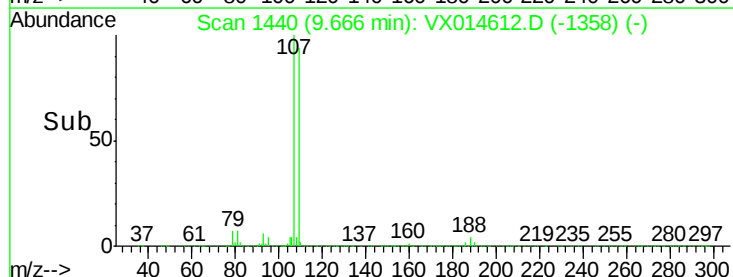
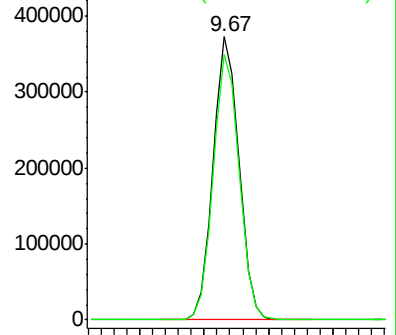
107 100

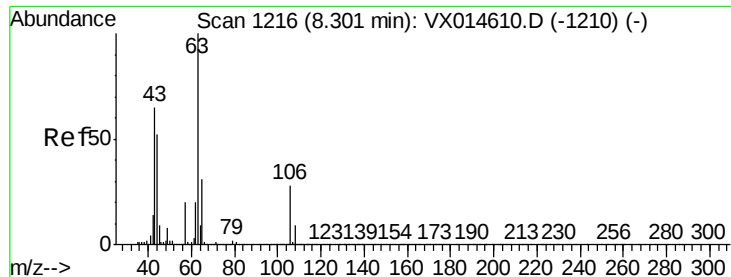
109 94.1 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

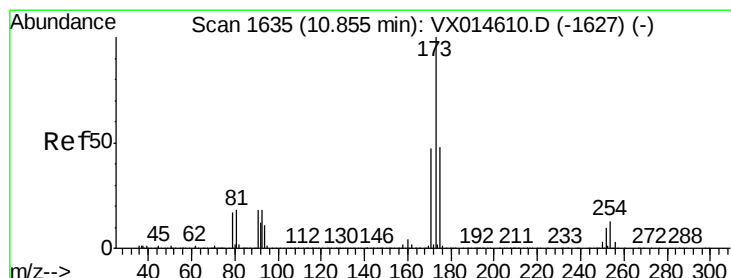
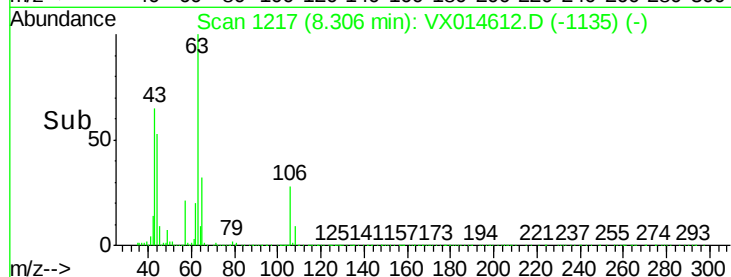
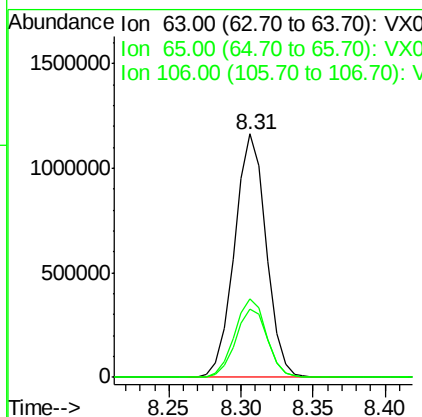
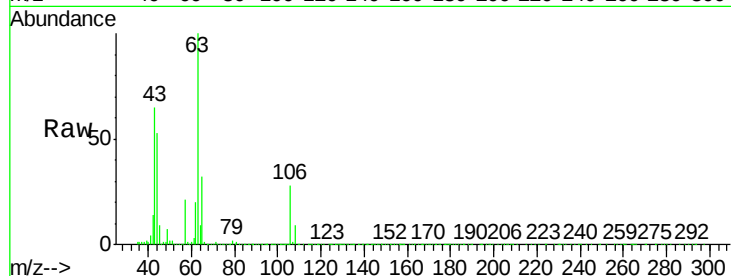




#55
2-Chloroethyl vinyl ether
Concen: 521.752 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

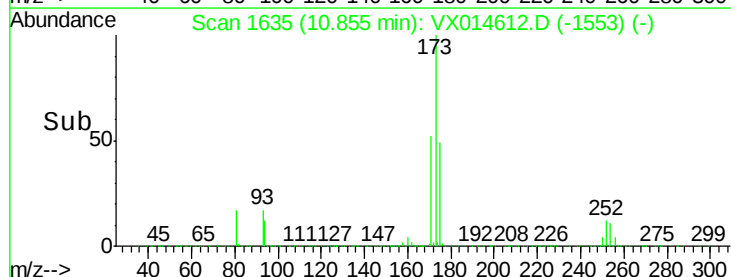
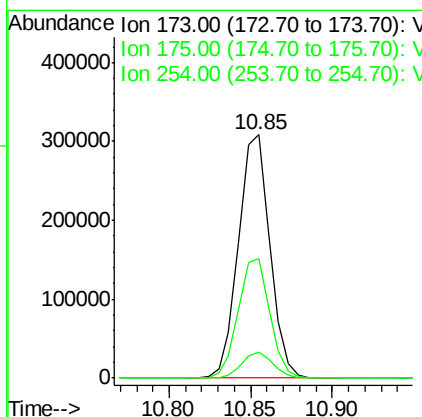
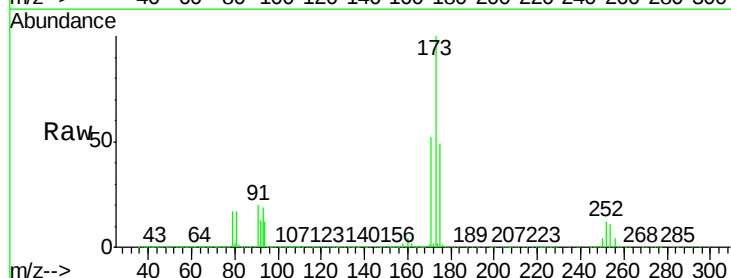
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

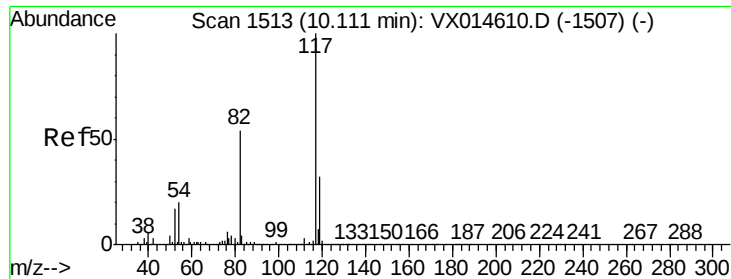
Tgt Ion: 63 Resp: 1780257
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.6
106 28.5 22.9 34.3



#56
Bromoform
Concen: 109.500 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 173 Resp: 415499
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 10.7 8.2 12.4

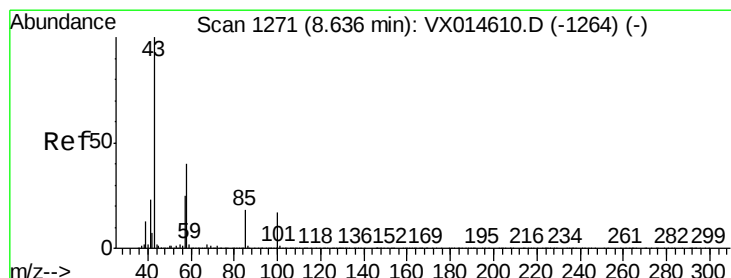
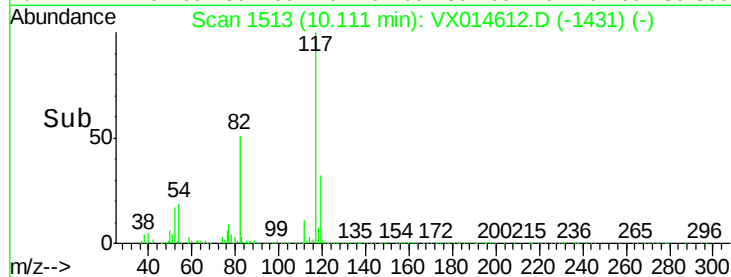
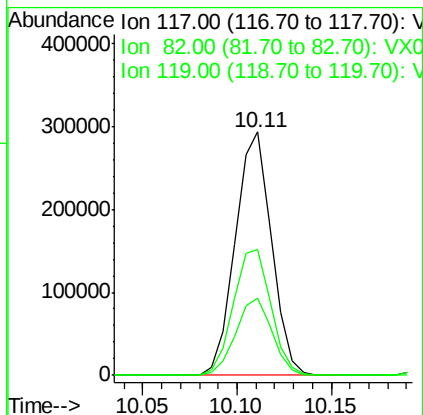
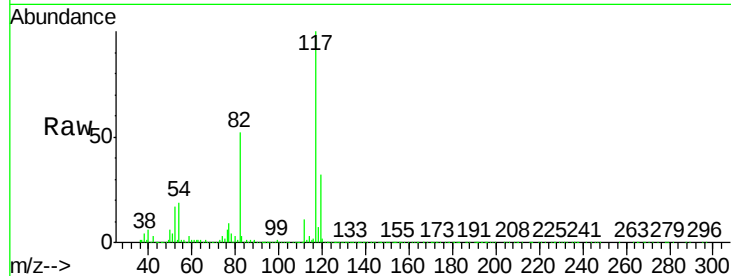




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

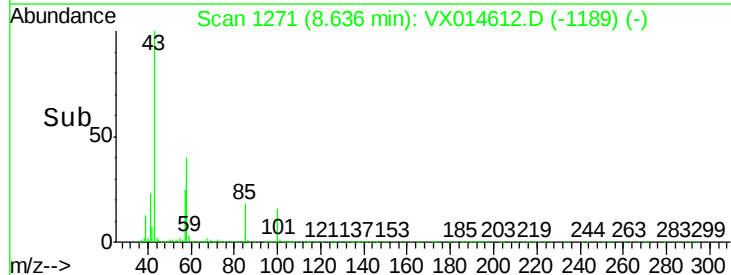
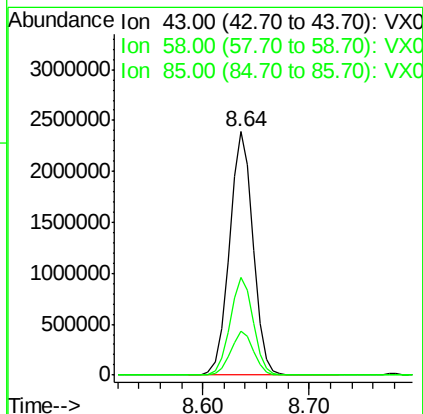
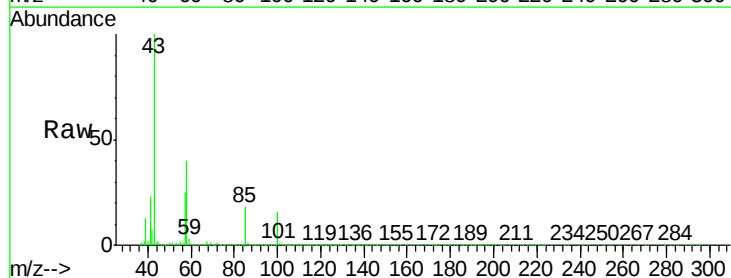
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

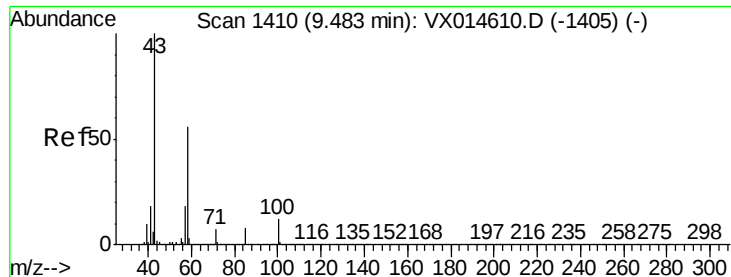
Tgt Ion: 117 Resp: 390012
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.6
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 505.857 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 43 Resp: 3691392
Ion Ratio Lower Upper
43 100
58 39.8 31.2 46.8
85 17.6 14.2 21.2

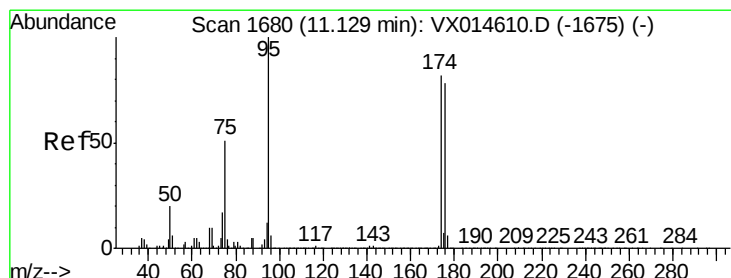
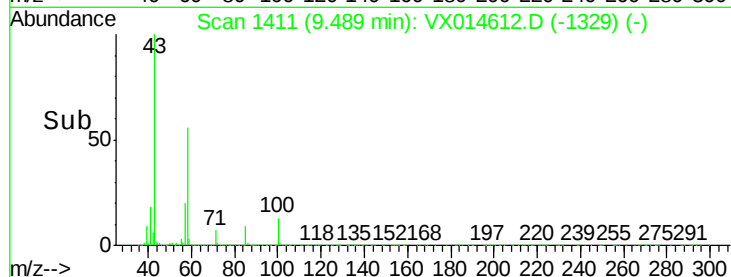
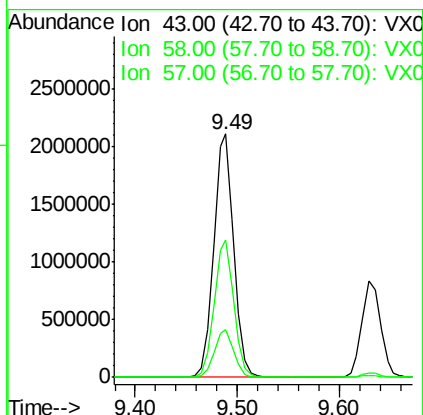
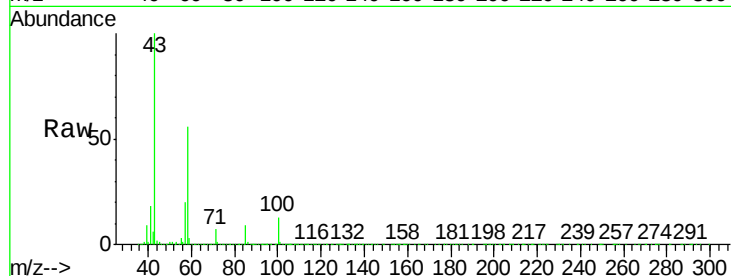




#59
2-Hexanone
Concen: 522.126 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

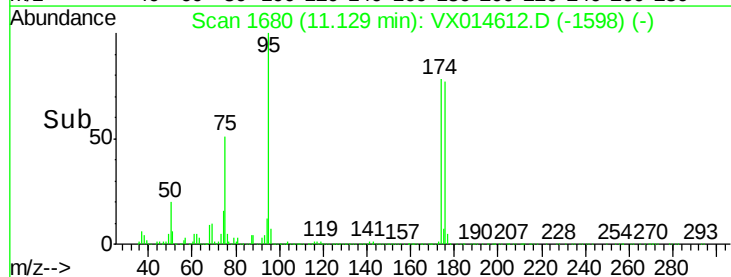
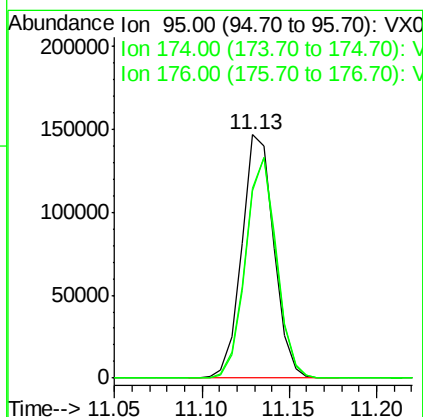
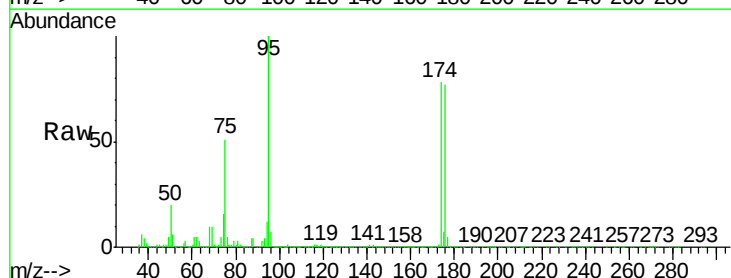
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

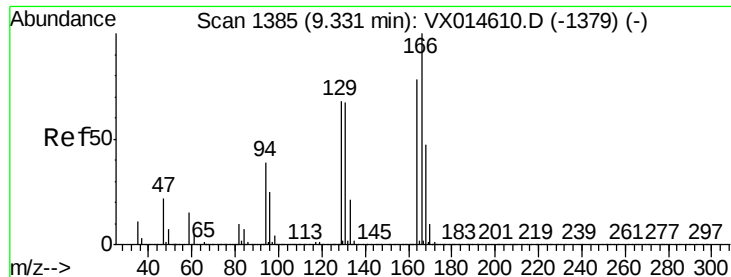
Tgt Ion: 43 Resp: 2891470
Ion Ratio Lower Upper
43 100
58 55.8 43.8 65.6
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.587 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 95 Resp: 186337
Ion Ratio Lower Upper
95 100
174 88.9 70.2 105.2
176 86.2 68.3 102.5





#61

Tetrachloroethene

Concen: 109.518 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 565059

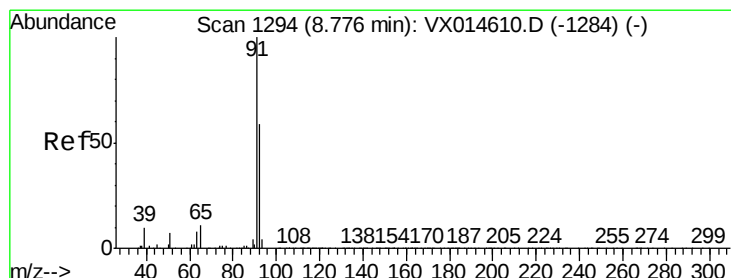
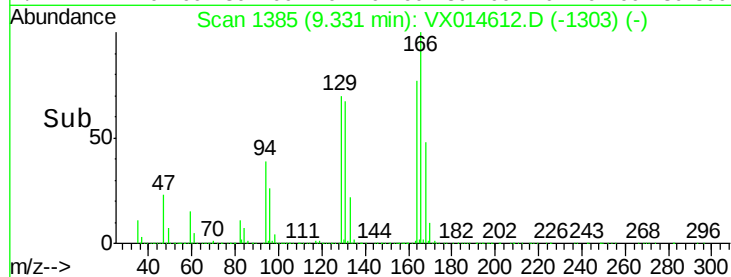
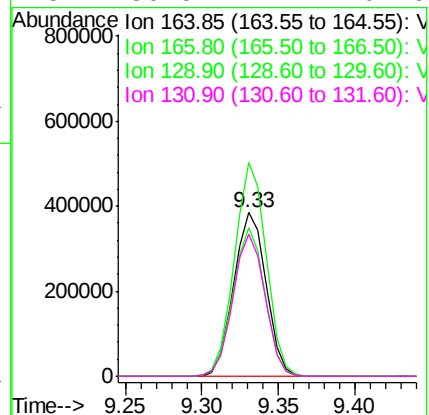
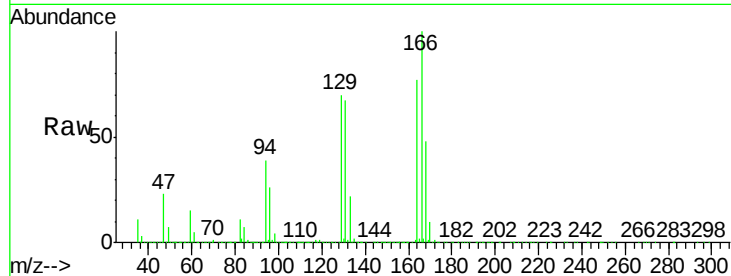
Ion Ratio Lower Upper

164 100

166 130.5 104.2 156.2

129 91.0 71.6 107.4

131 86.8 71.7 107.5



#62

Toluene

Concen: 99.717 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014612.D

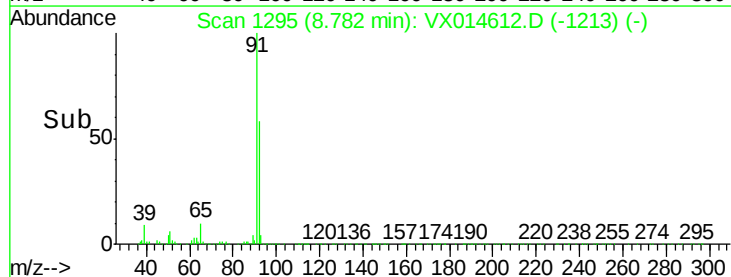
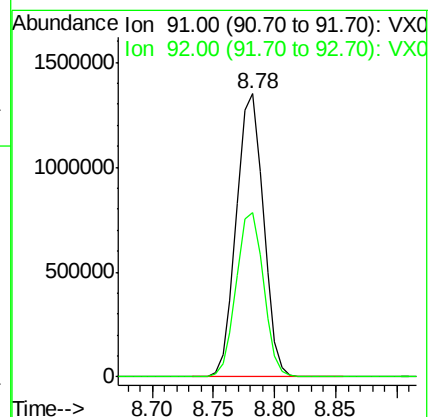
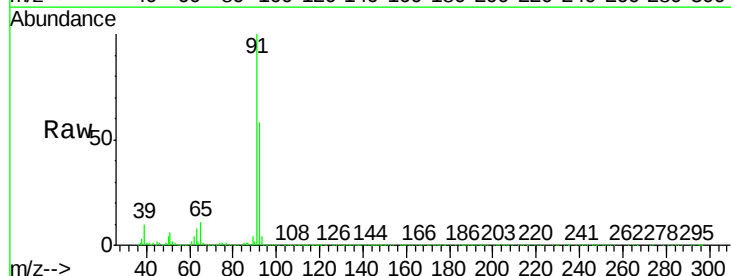
Acq: 15 Jan 2020 11:57

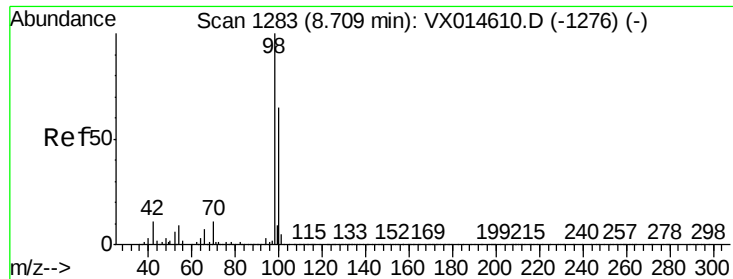
Tgt Ion: 91 Resp: 2068439

Ion Ratio Lower Upper

91 100

92 58.5 46.4 69.6





#63

Toluene-d8

Concen: 29.882 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

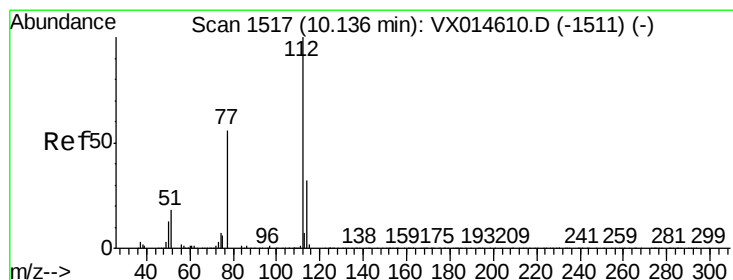
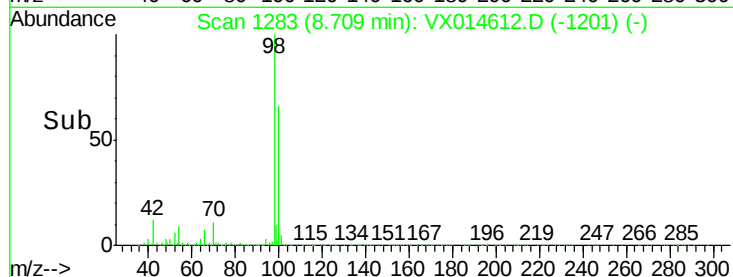
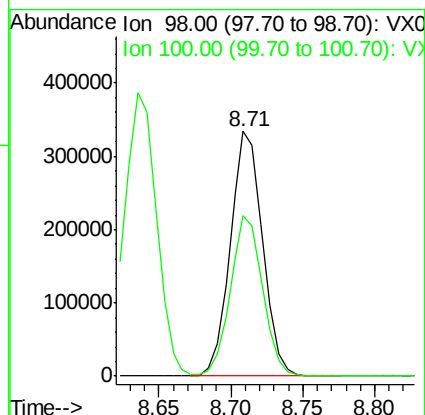
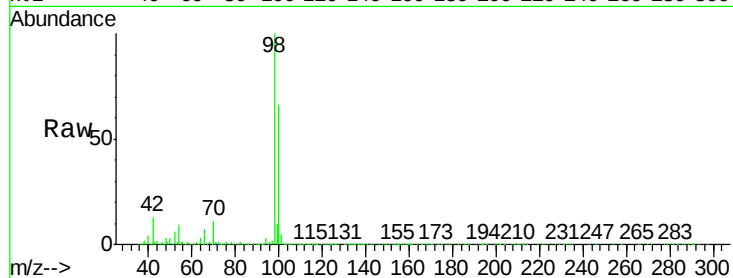
VSTDIC100

Tgt Ion: 98 Resp: 520932

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#64

Chlorobenzene

Concen: 100.106 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014612.D

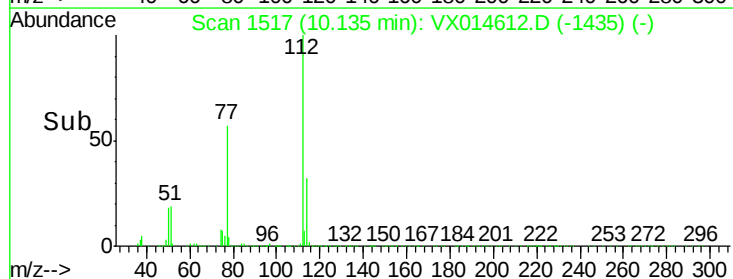
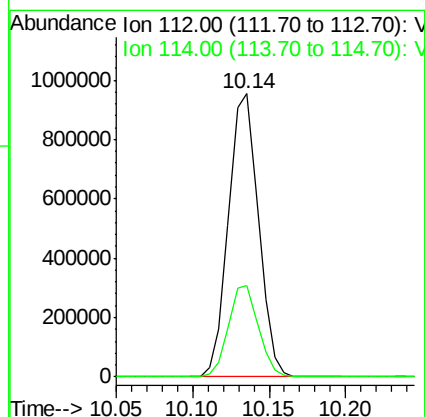
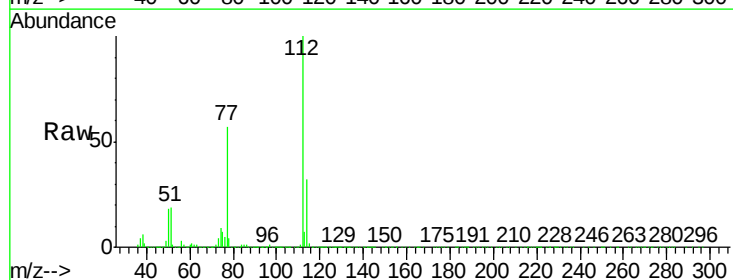
Acq: 15 Jan 2020 11:57

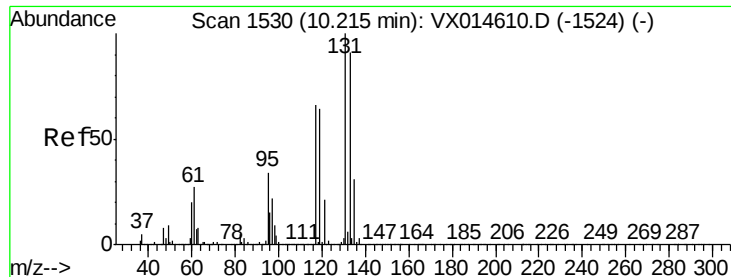
Tgt Ion: 112 Resp: 1300938

Ion Ratio Lower Upper

112 100

114 32.4 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 100.357 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

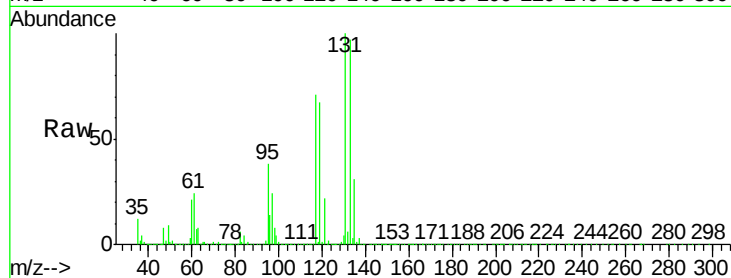
Tgt Ion:131 Resp: 482920

Ion Ratio Lower Upper

131 100

133 96.8 0.0 189.8

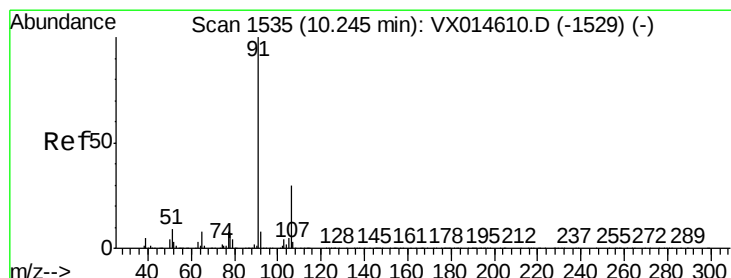
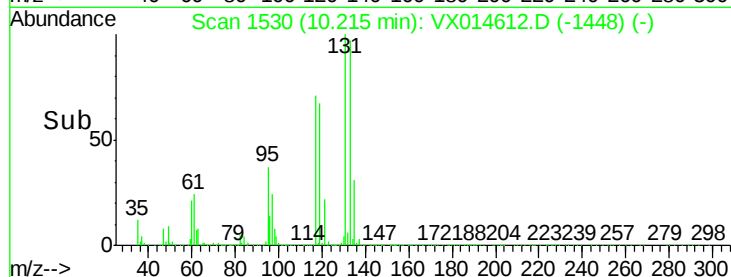
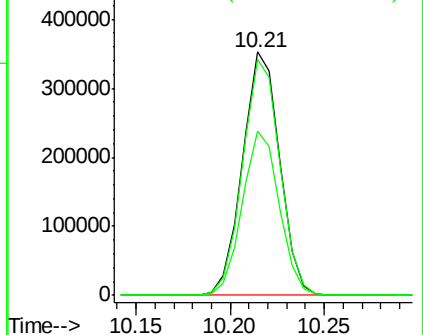
119 67.0 0.0 132.2



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: 101.456 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014612.D

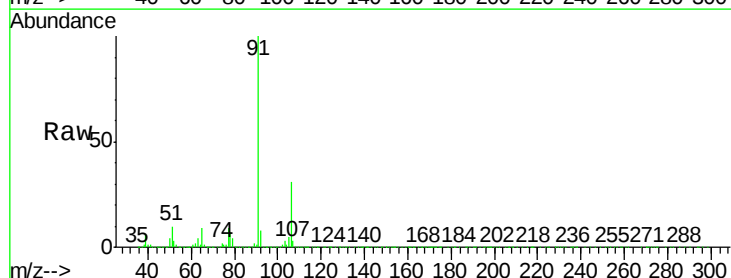
Acq: 15 Jan 2020 11:57

Tgt Ion: 91 Resp: 2303088

Ion Ratio Lower Upper

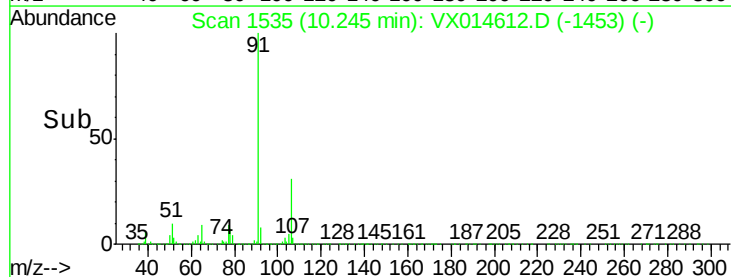
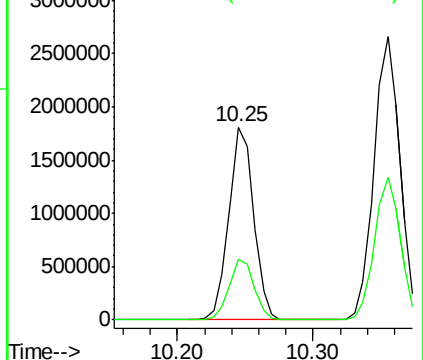
91 100

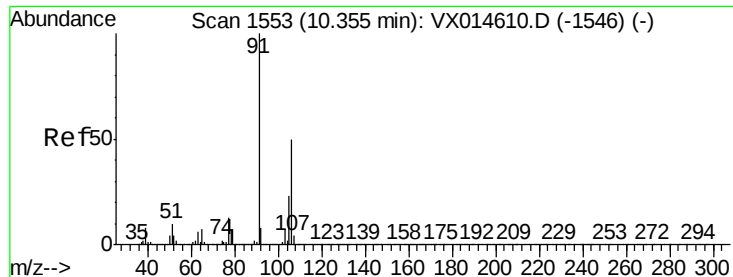
106 31.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

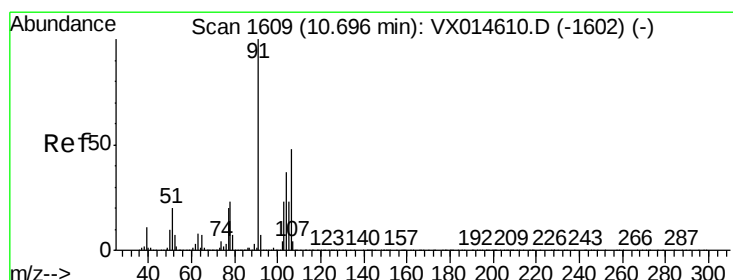
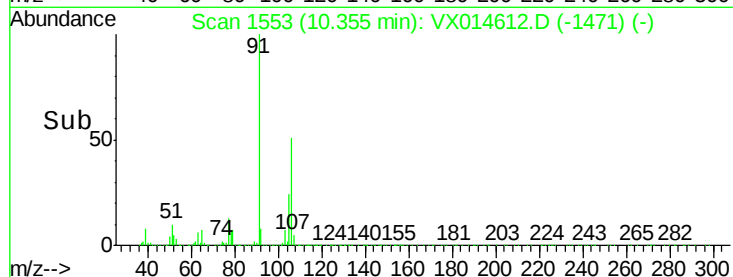
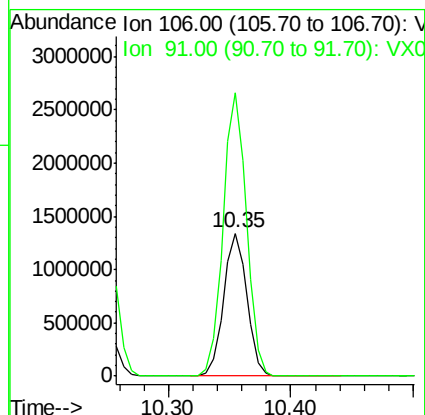
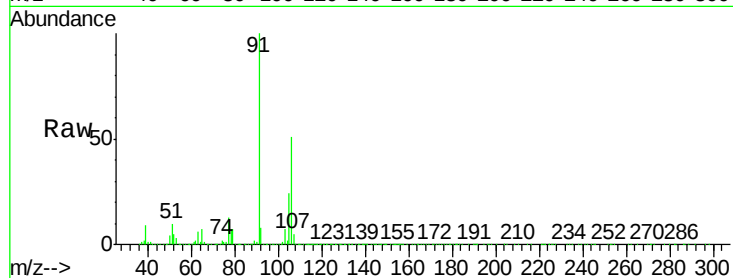




#67
m/p-Xylenes
Concen: 204.251 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

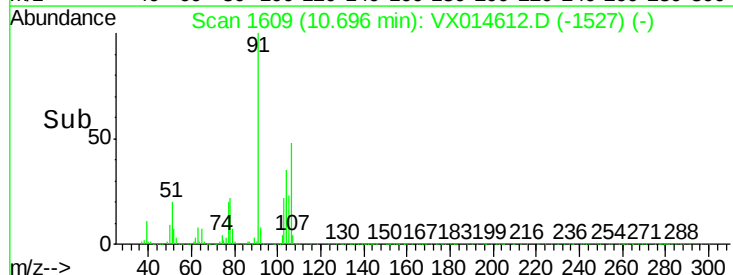
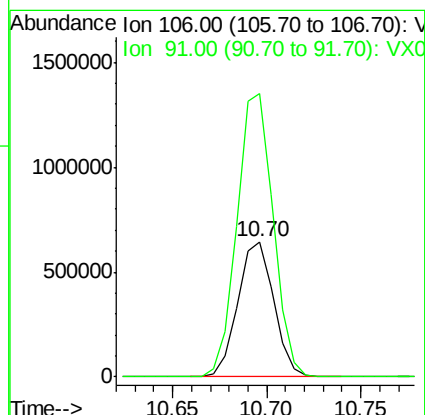
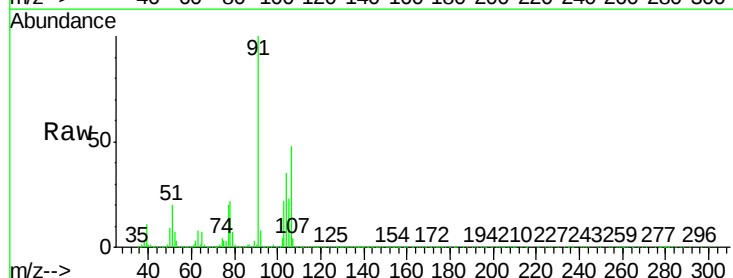
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

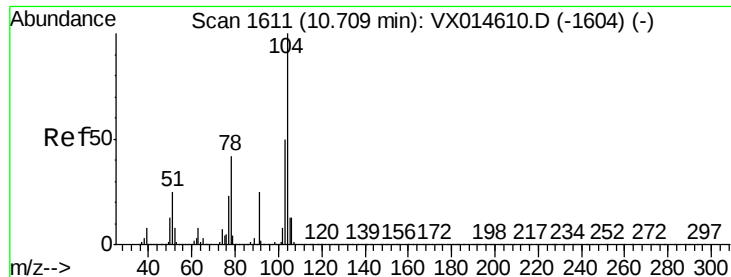
Tgt Ion:106 Resp: 1772414
Ion Ratio Lower Upper
106 100
91 198.6 159.3 238.9



#68
o-Xylene
Concen: 99.024 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion:106 Resp: 851268
Ion Ratio Lower Upper
106 100
91 211.5 104.8 314.6

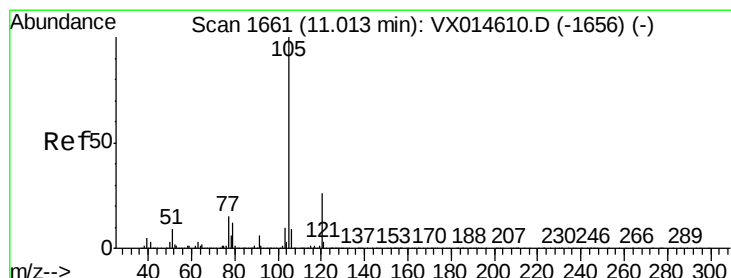
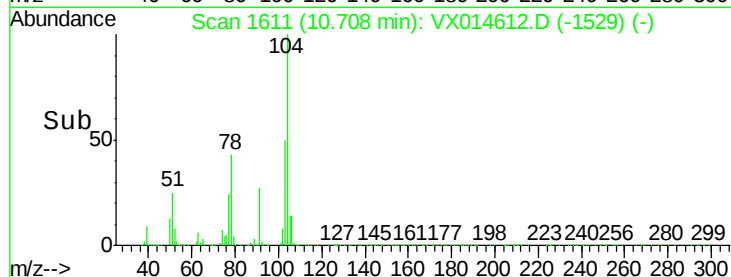
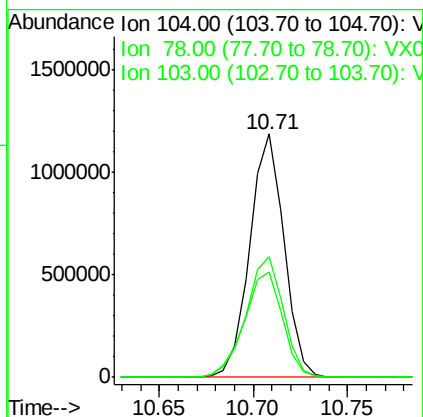
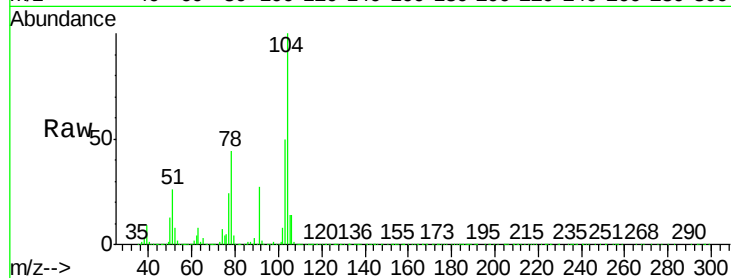




#69
Styrene
Concen: 102.234 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

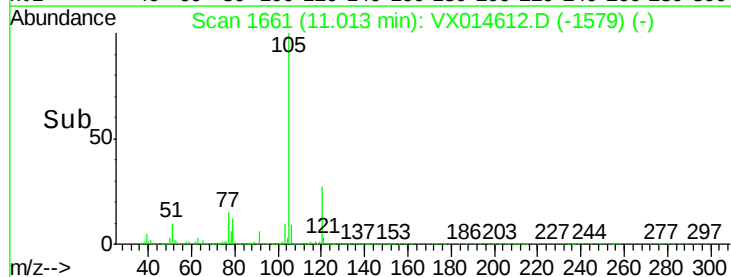
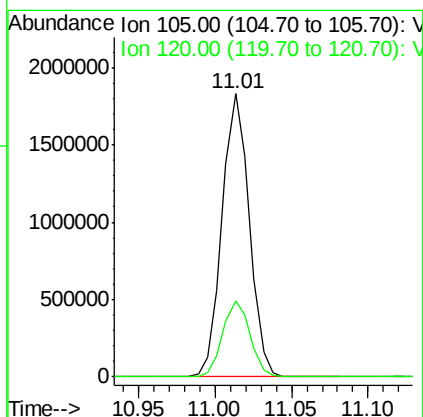
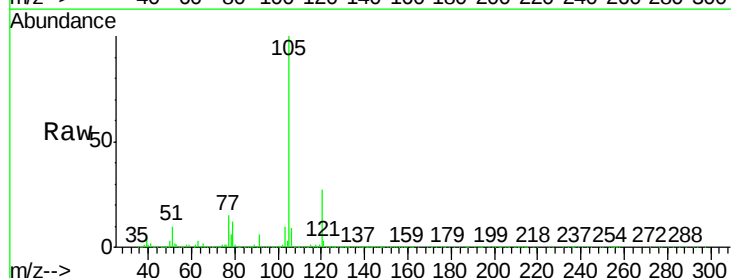
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

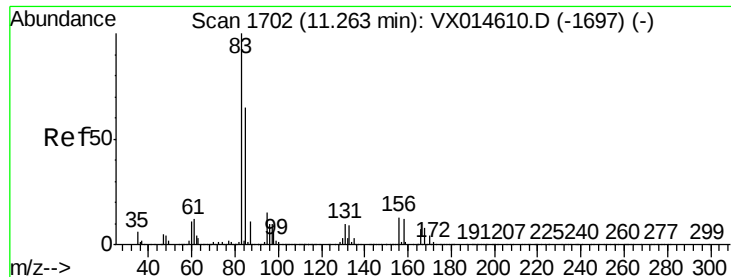
Tgt Ion:104 Resp: 1494553
Ion Ratio Lower Upper
104 100
78 48.7 38.9 58.3
103 54.1 44.2 66.2



#70
Isopropylbenzene
Concen: 101.224 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion:105 Resp: 2248680
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5

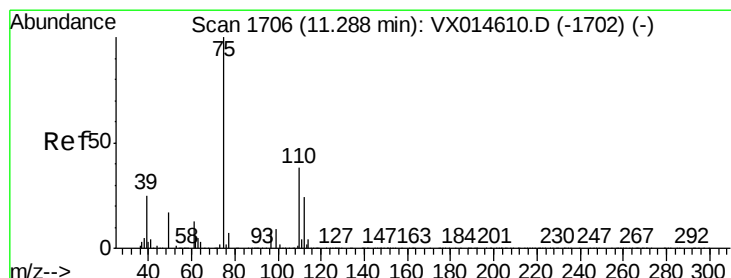
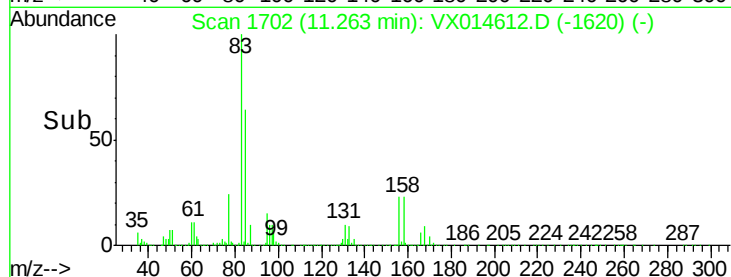
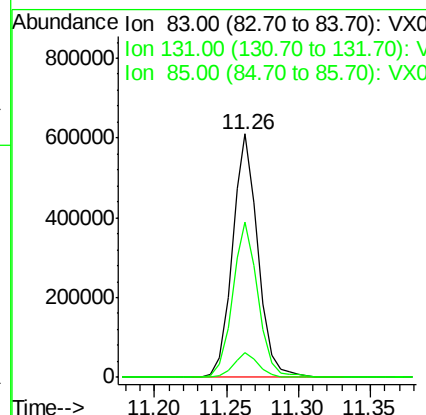
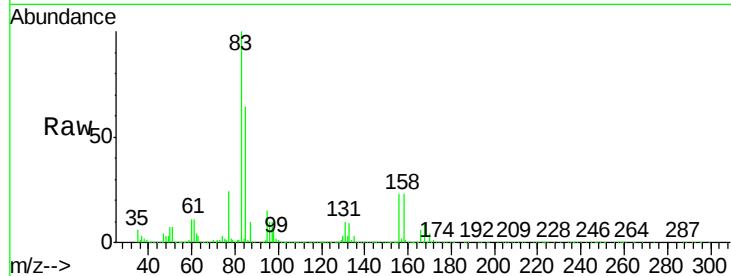




#71
 1,1,2,2-Tetrachloroethane
 Concen: 95.969 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

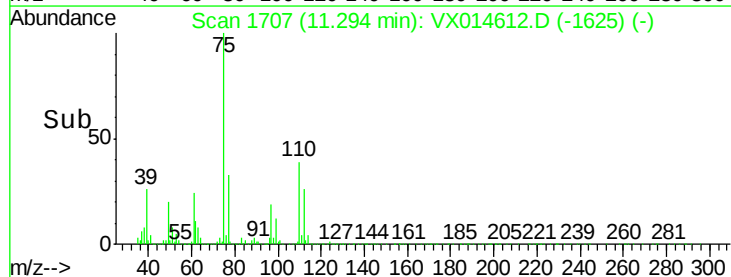
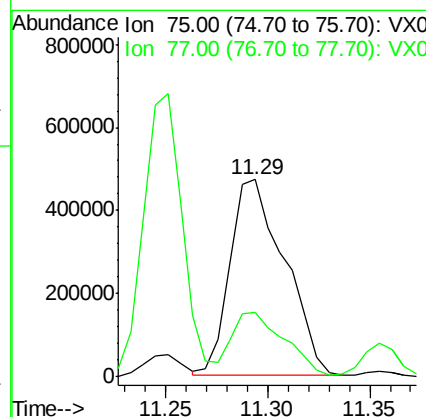
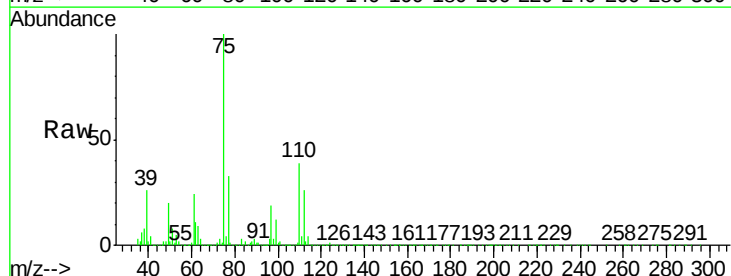
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

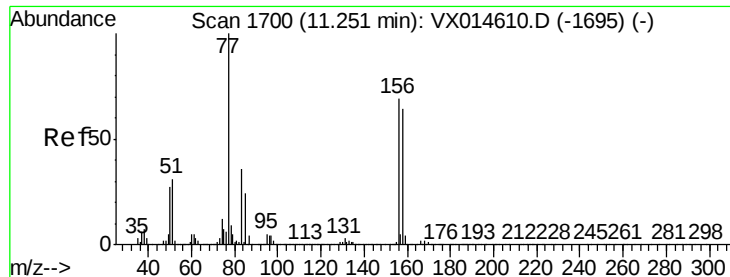
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.8	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 125.476 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	0.0	68.4





#73

Bromobenzene

Concen: 99.407 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

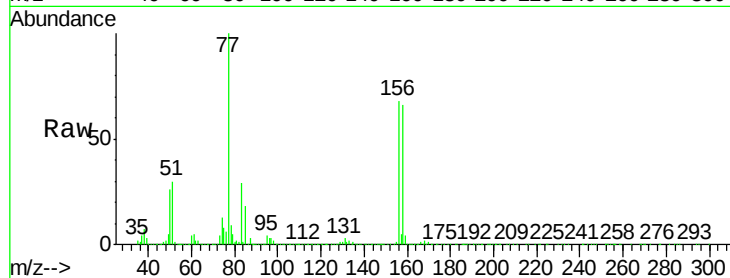
Tgt Ion: 156 Resp: 589509

Ion Ratio Lower Upper

156 100

77 152.8 0.0 304.6

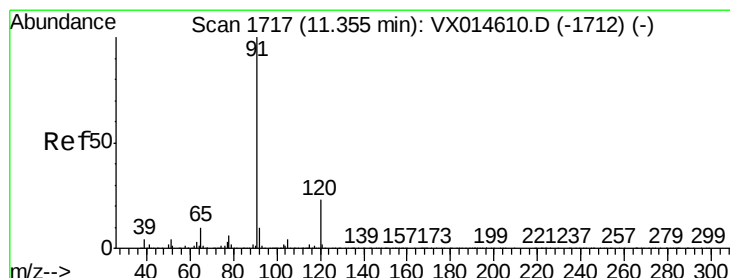
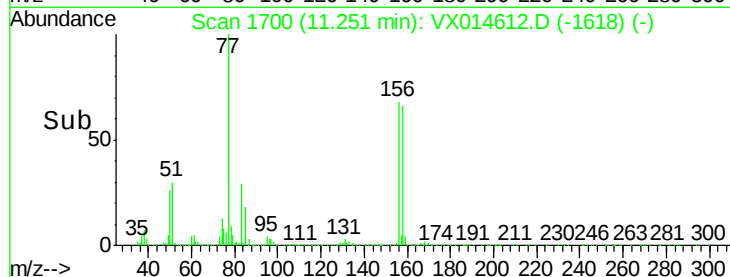
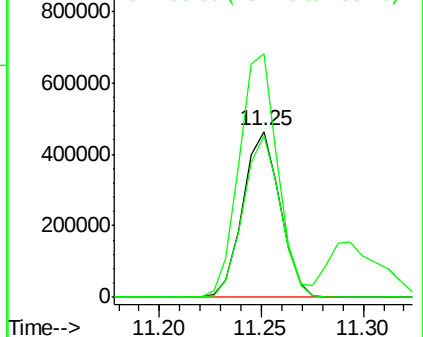
158 97.3 0.0 195.2



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: 103.596 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014612.D

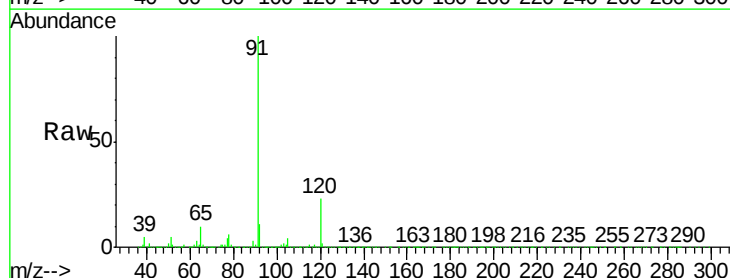
Acq: 15 Jan 2020 11:57

Tgt Ion: 91 Resp: 2610284

Ion Ratio Lower Upper

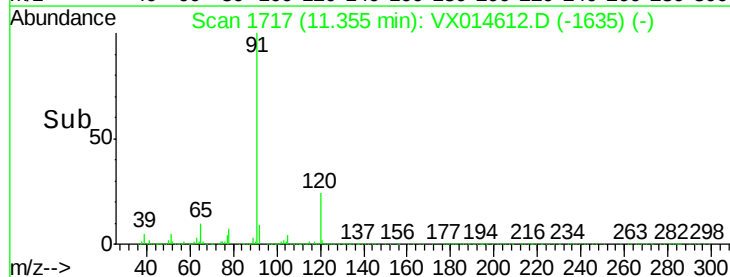
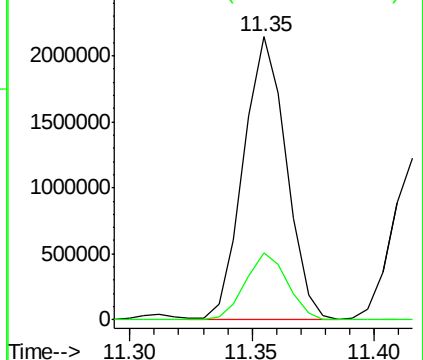
91 100

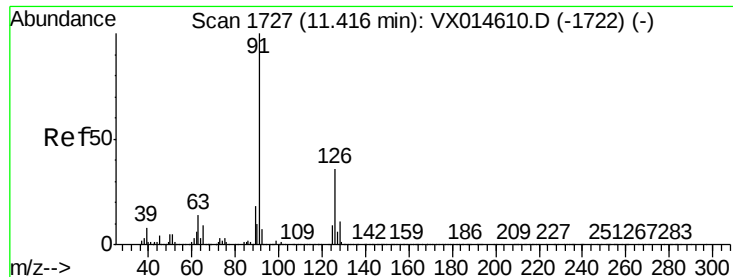
120 23.3 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 100.373 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

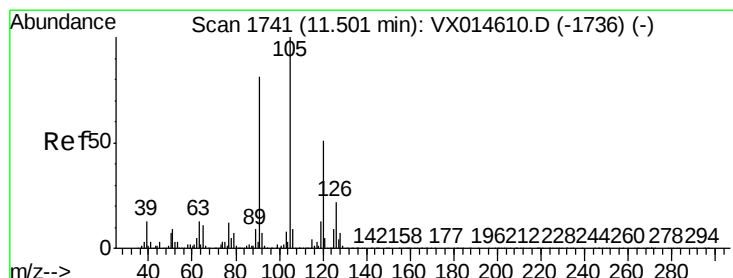
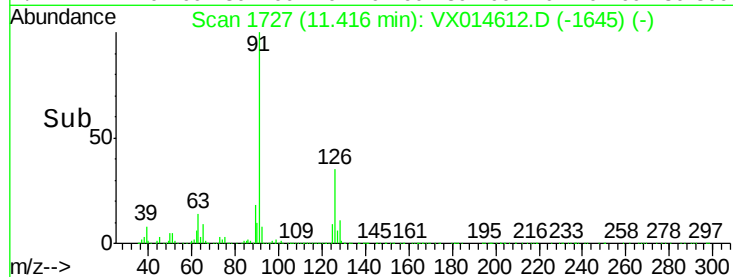
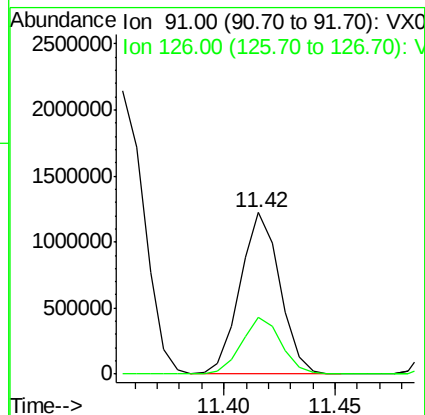
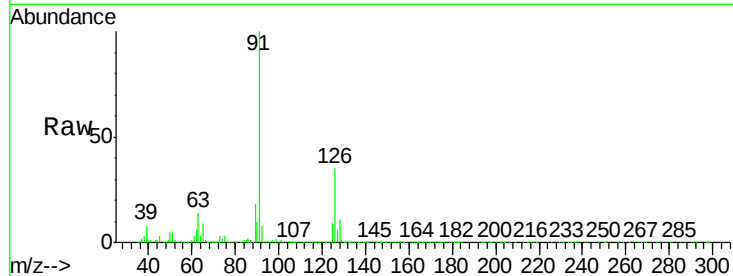
VSTDIC100

Tgt Ion: 91 Resp: 1528139

Ion Ratio Lower Upper

91 100

126 34.8 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 100.375 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014612.D

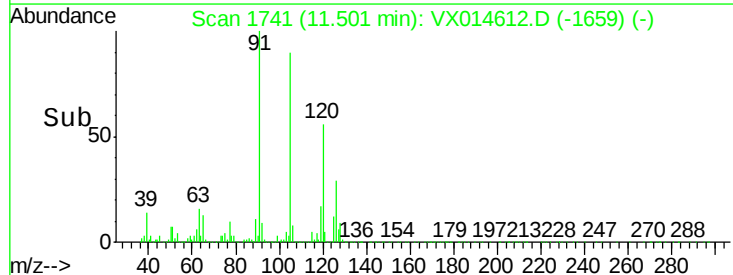
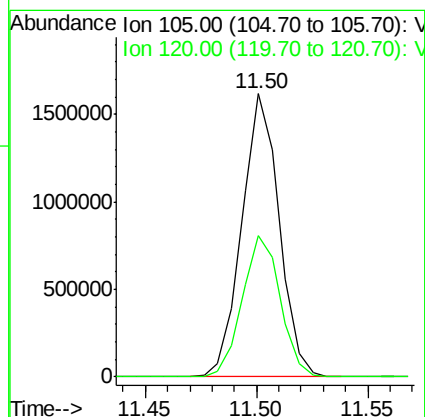
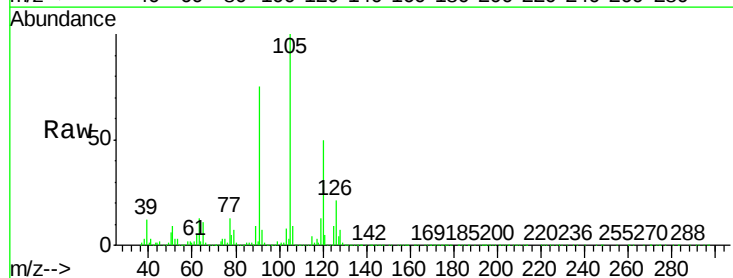
Acq: 15 Jan 2020 11:57

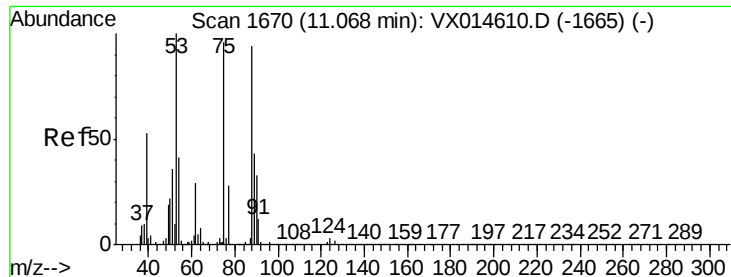
Tgt Ion: 105 Resp: 1891577

Ion Ratio Lower Upper

105 100

120 50.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 120.364 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

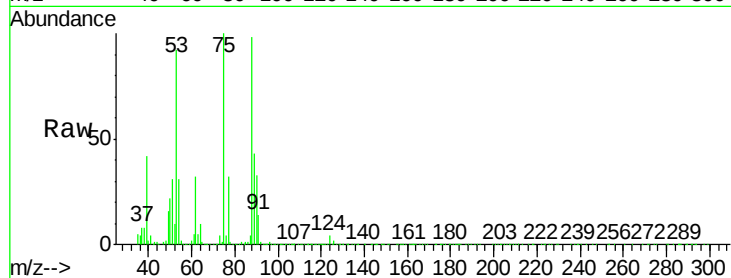
Tgt Ion: 75 Resp: 278729

Ion Ratio Lower Upper

75 100

53 91.5 54.4 163.1

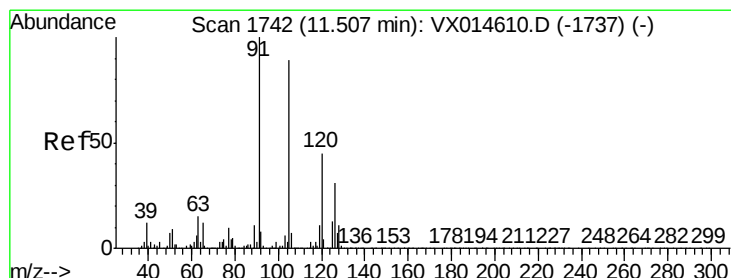
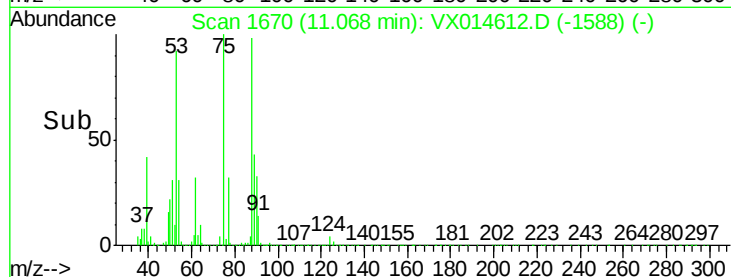
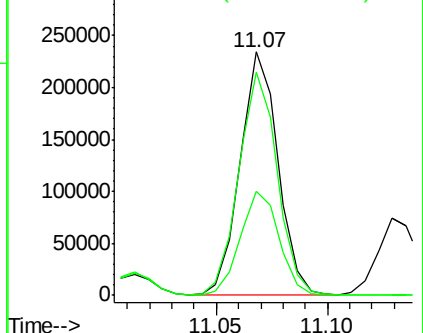
89 42.7 21.9 65.5



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: 101.345 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014612.D

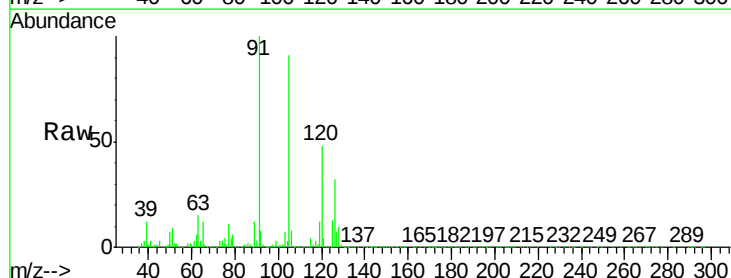
Acq: 15 Jan 2020 11:57

Tgt Ion: 91 Resp: 1763116

Ion Ratio Lower Upper

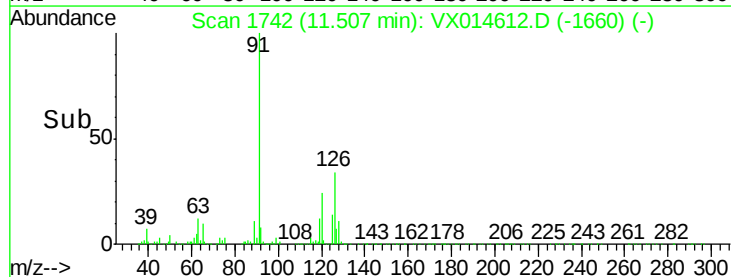
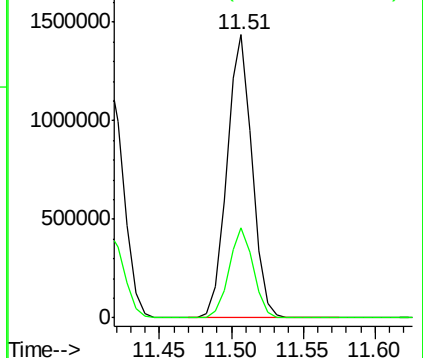
91 100

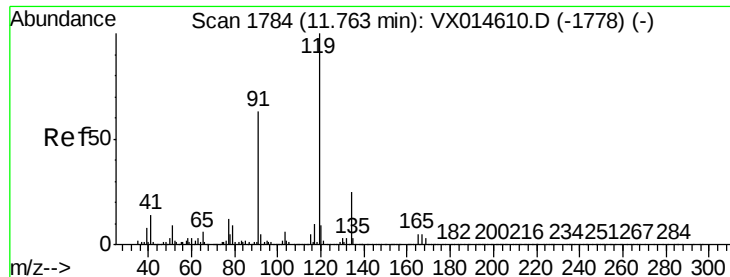
126 31.0 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 97.939 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

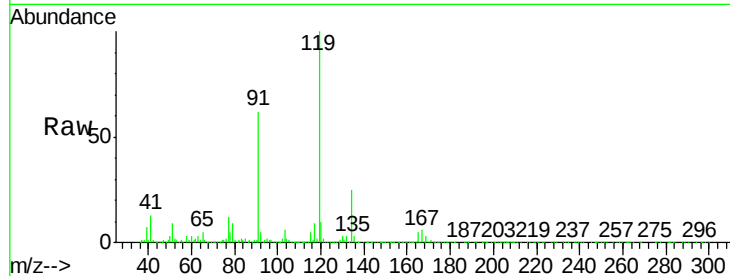
Tgt Ion:119 Resp: 1778999

Ion Ratio Lower Upper

119 100

91 57.9 0.0 112.6

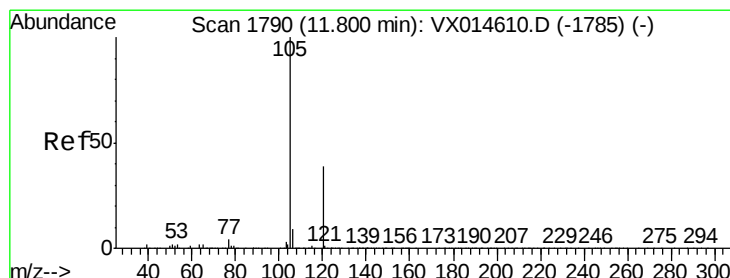
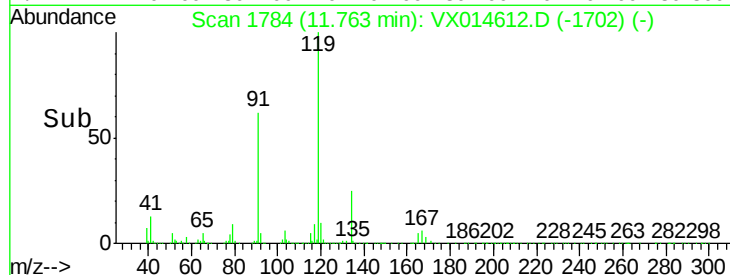
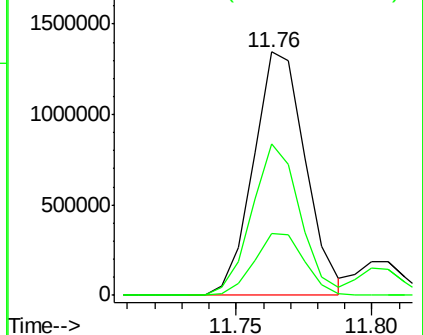
134 24.7 0.0 49.8



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: 100.034 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014612.D

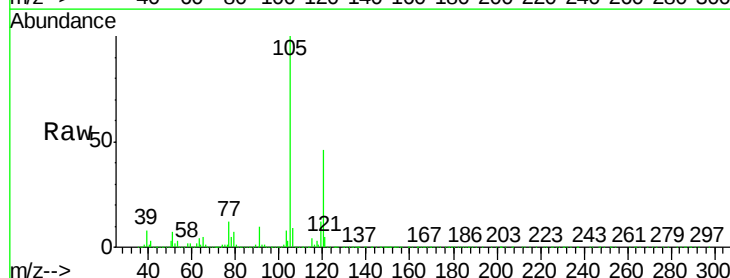
Acq: 15 Jan 2020 11:57

Tgt Ion:105 Resp: 1884975

Ion Ratio Lower Upper

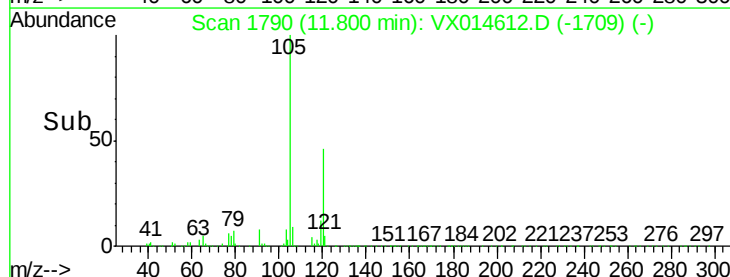
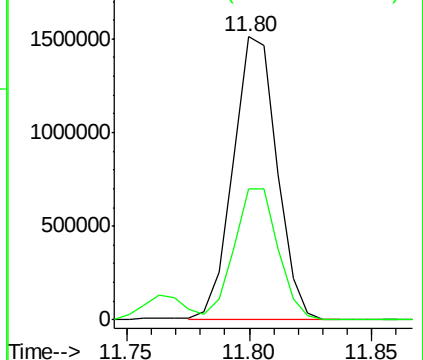
105 100

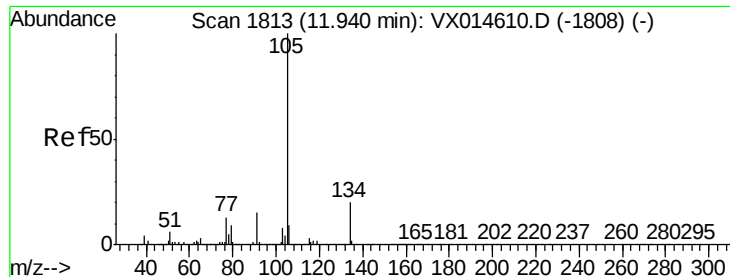
120 46.7 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

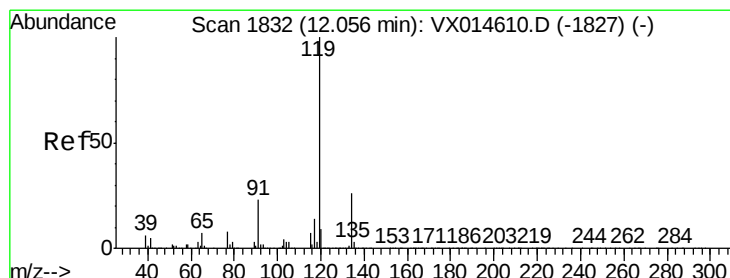
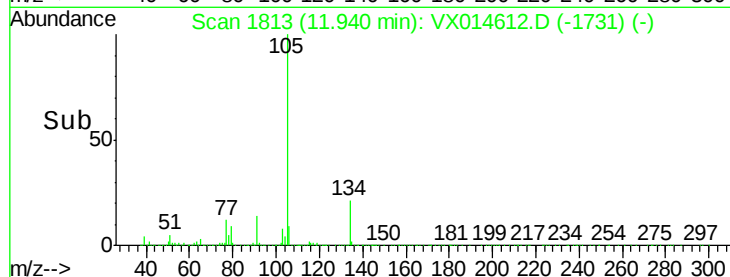
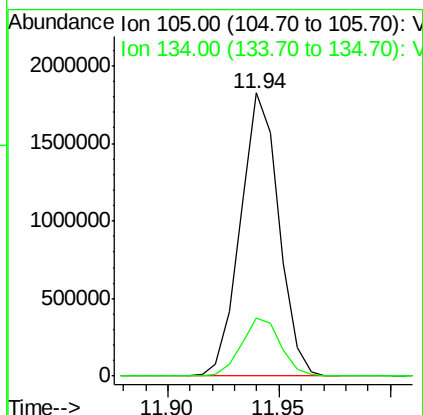
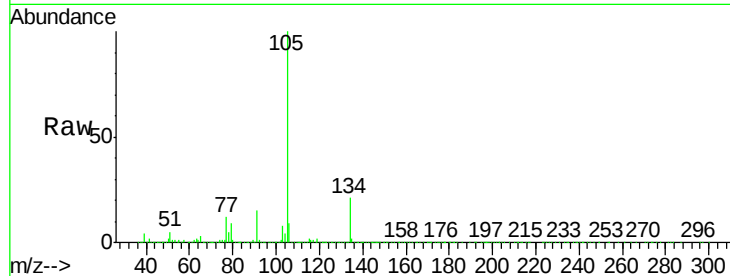




#81
 sec-Butylbenzene
 Concen: 101.378 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

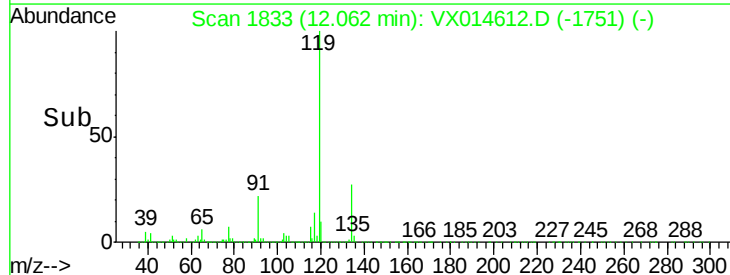
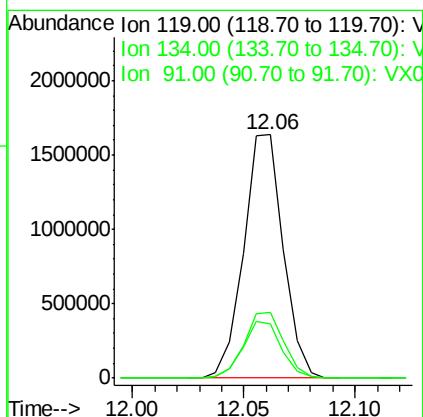
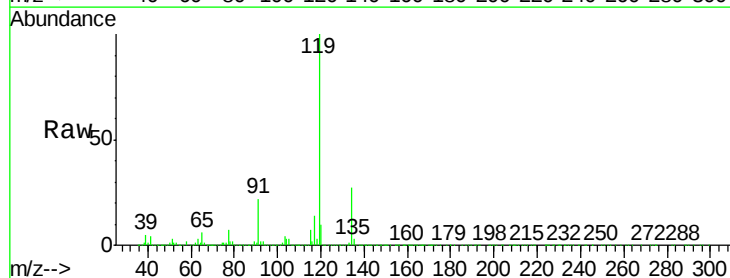
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

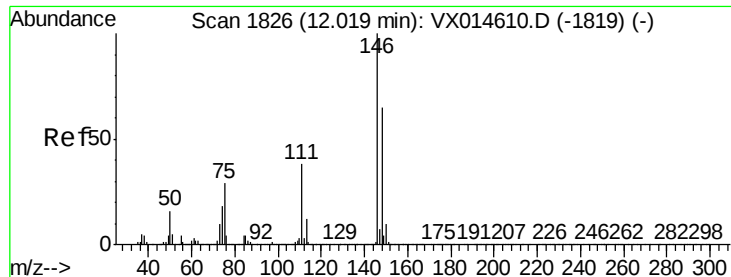
Tgt Ion:105 Resp: 2190339
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 103.699 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion:119 Resp: 2021872
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.8
 91 22.7 0.0 45.0

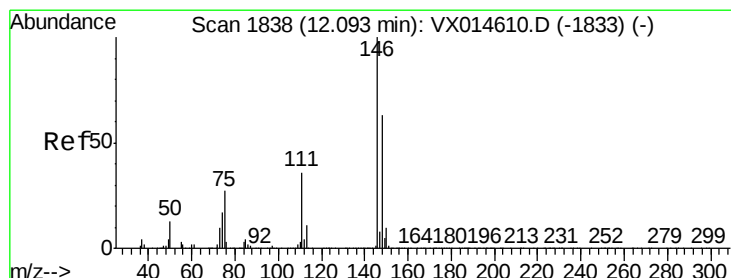
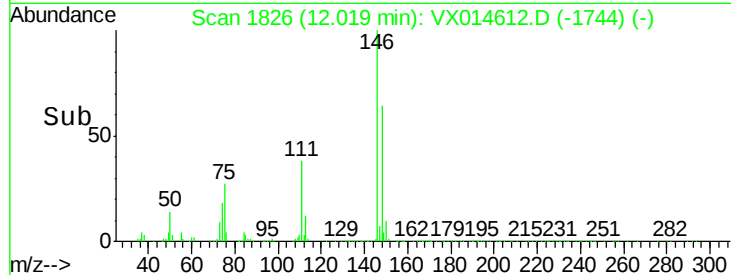
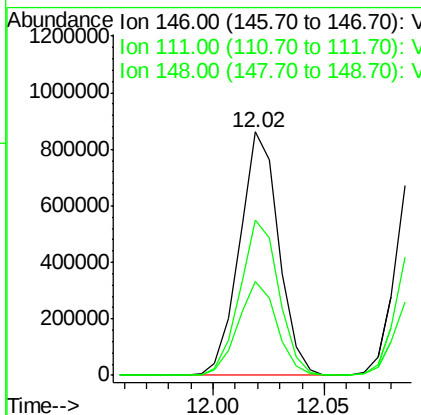
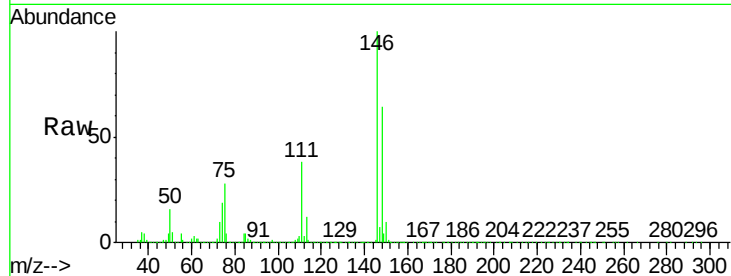




#83
 1,3-Dichlorobenzene
 Concen: 102.108 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

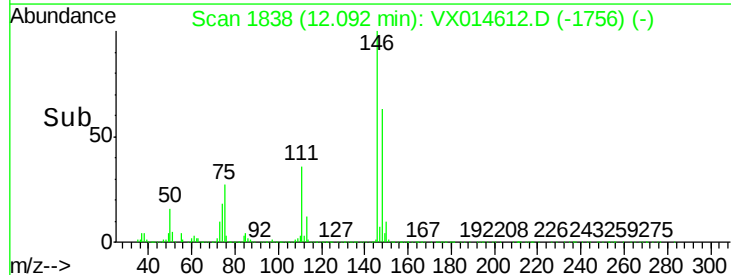
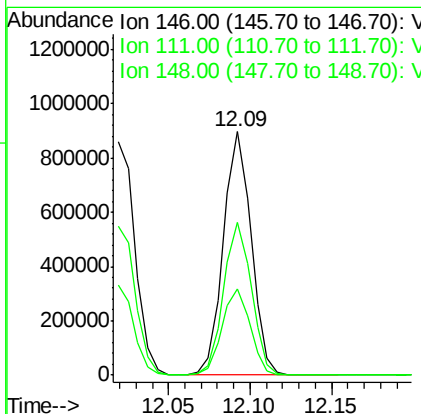
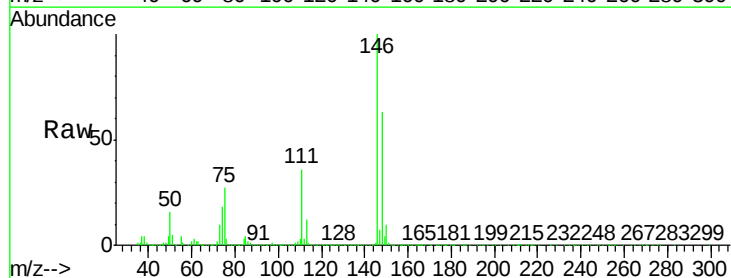
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

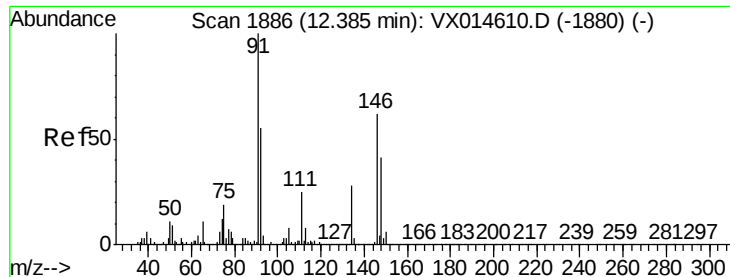
Tgt Ion:146 Resp: 1055429
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.3 57.9
 148 63.6 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 103.263 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion:146 Resp: 1062842
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.4
 148 62.7 32.0 96.0





#85

n-Butylbenzene

Concen: 111.780 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

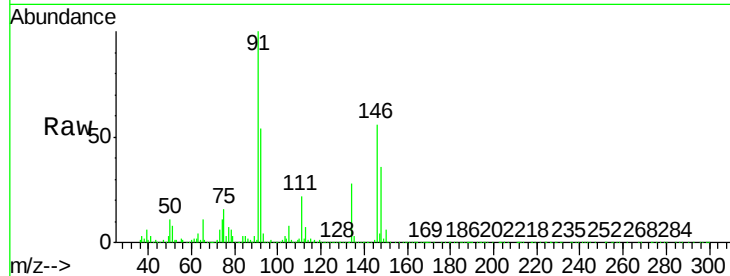
Tgt Ion: 91 Resp: 1832432

Ion Ratio Lower Upper

91 100

92 54.8 0.0 109.0

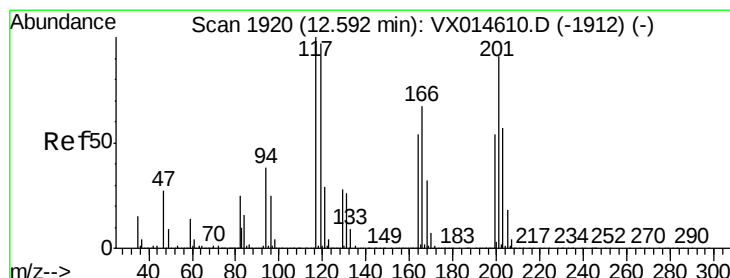
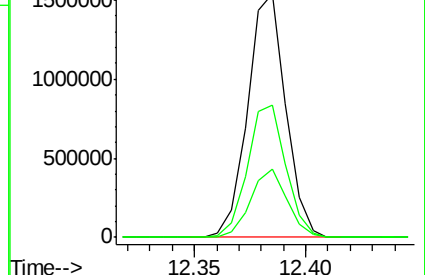
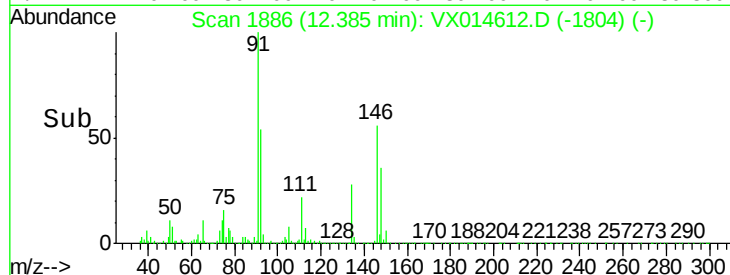
134 27.0 0.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014612.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX014612.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX014612.D (-1880) (-)



#86

Hexachloroethane

Concen: 105.815 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014612.D

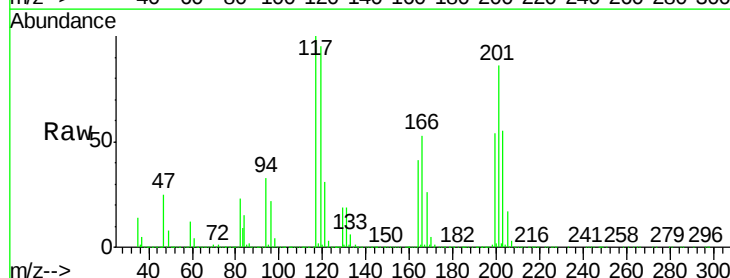
Acq: 15 Jan 2020 11:57

Tgt Ion: 117 Resp: 374272

Ion Ratio Lower Upper

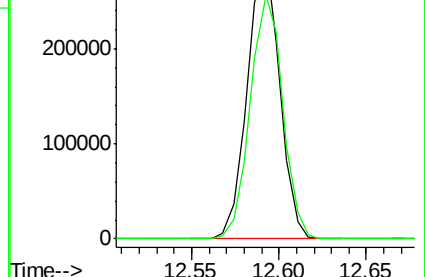
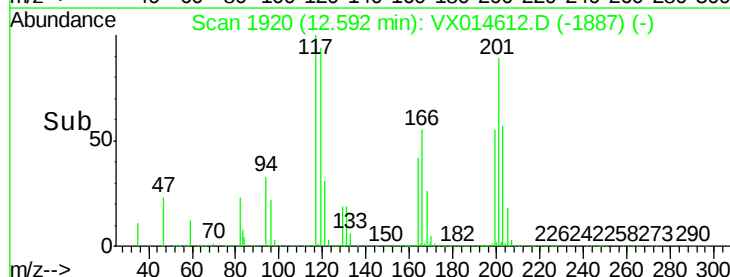
117 100

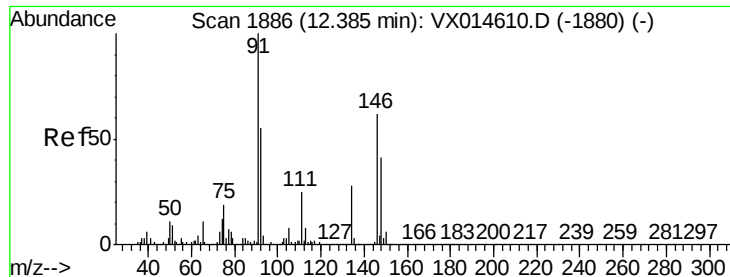
201 87.9 44.8 134.3



Abundance Ion 117.00 (116.70 to 117.70): VX014612.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX014612.D (-1887) (-)

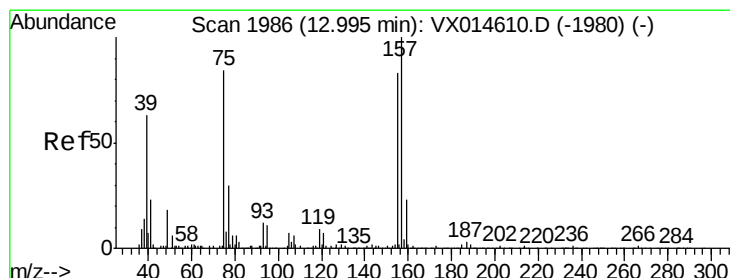
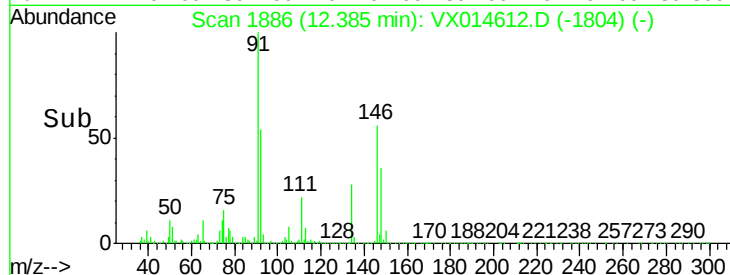
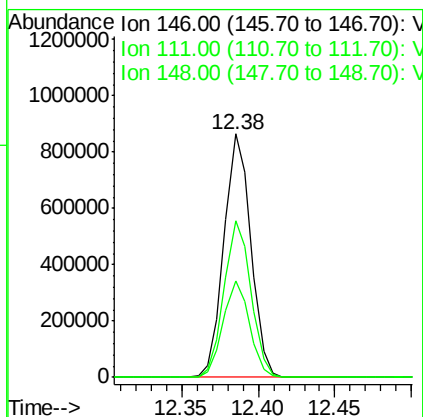
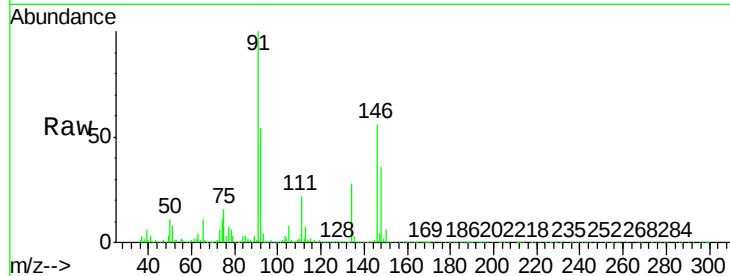




#87
 1,2-Dichlorobenzene
 Concen: 100.222 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

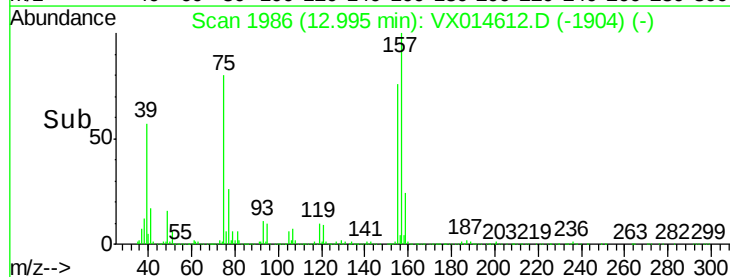
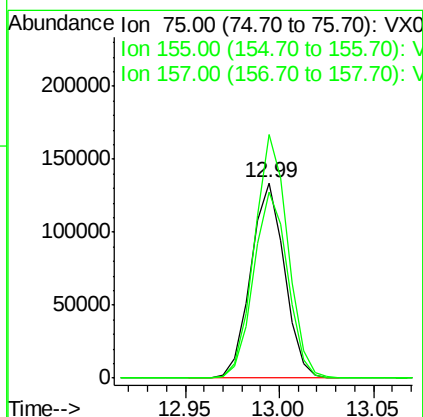
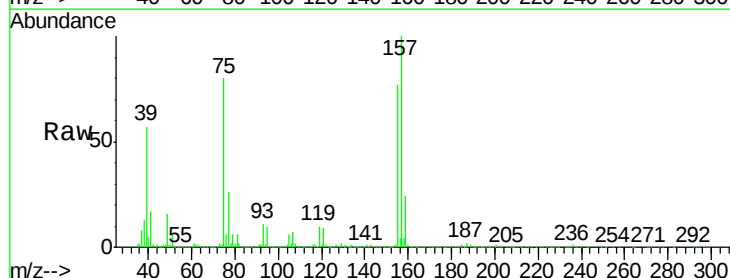
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

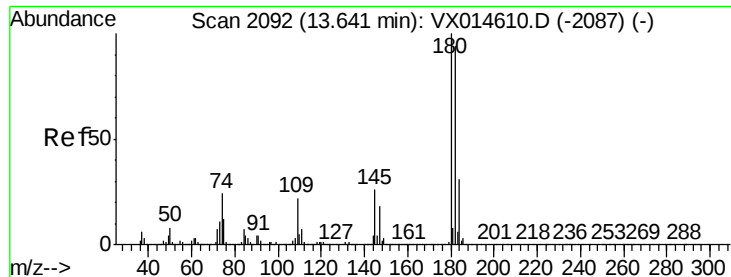
Tgt Ion:146 Resp: 1052216
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.1 60.2
 148 64.6 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 105.345 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 75 Resp: 165417
 Ion Ratio Lower Upper
 75 100
 155 96.4 73.8 110.6
 157 123.6 95.0 142.4

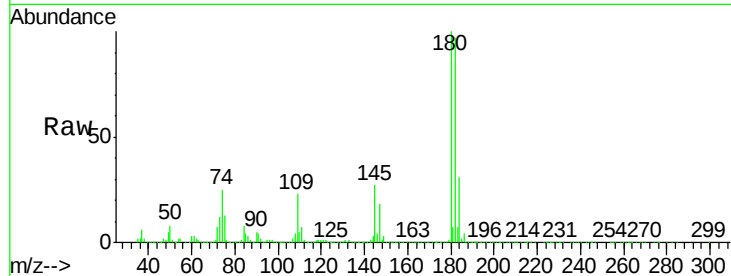




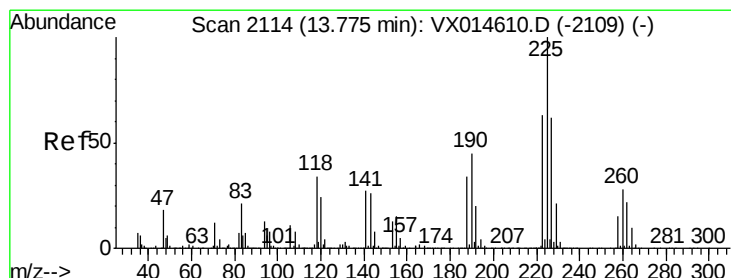
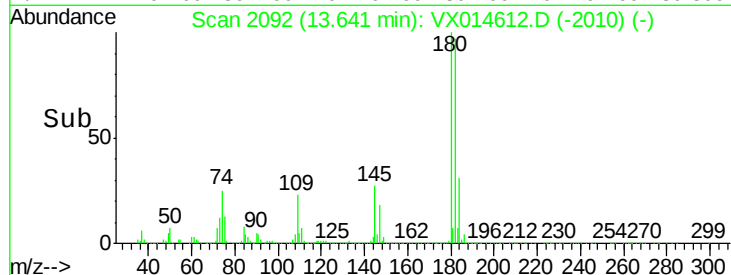
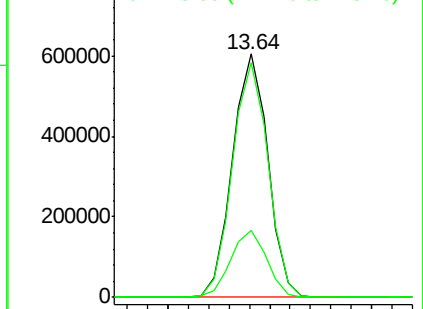
#89
1,2,4-Trichlorobenzene
Concen: 108.243 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 726317
Ion Ratio Lower Upper
180 100
182 97.3 76.4 114.6
145 28.0 21.9 32.9

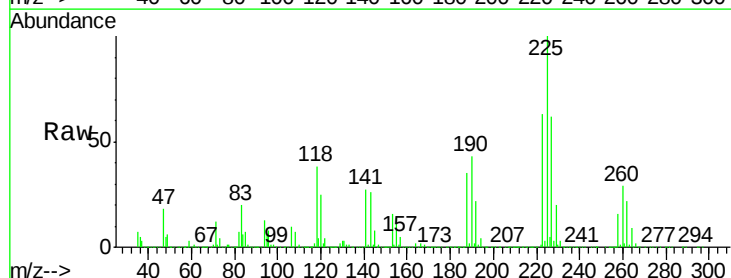


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

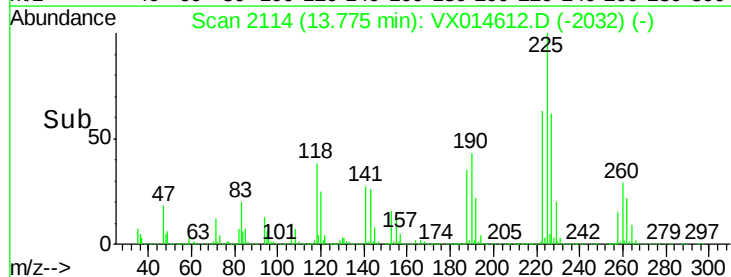
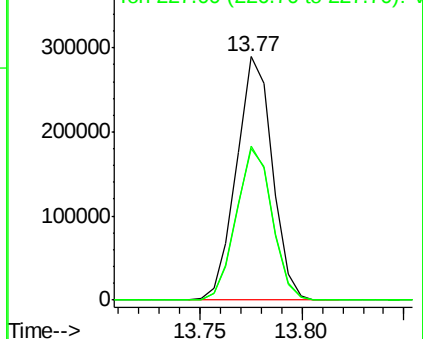


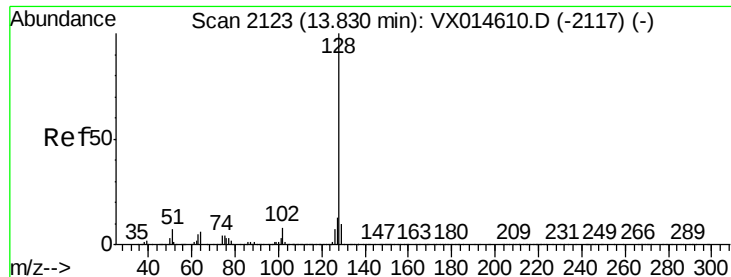
#90
Hexachlorobutadiene
Concen: 111.085 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion:225 Resp: 354302
Ion Ratio Lower Upper
225 100
223 62.3 0.0 127.4
227 62.6 0.0 122.8



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

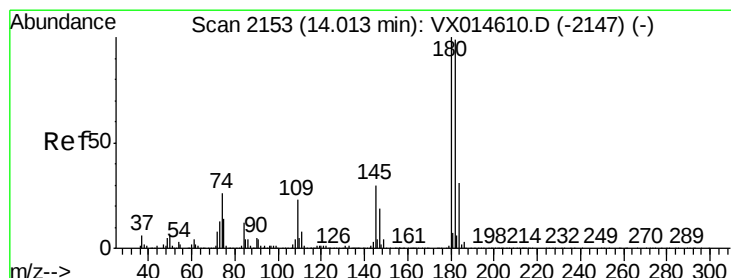
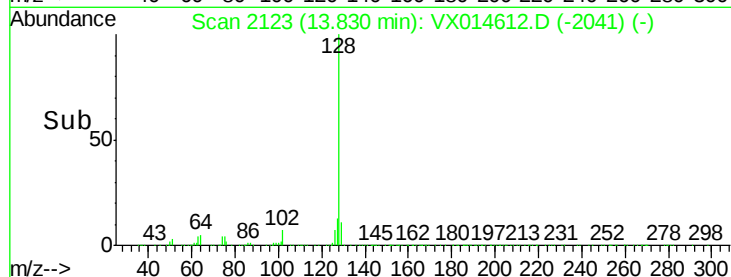
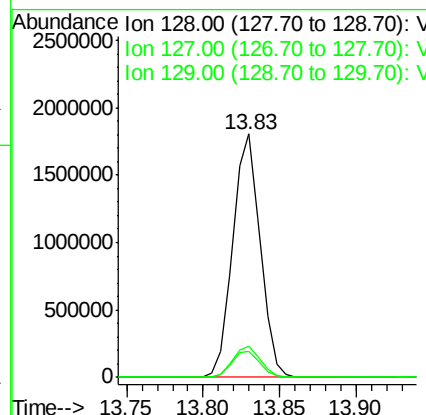
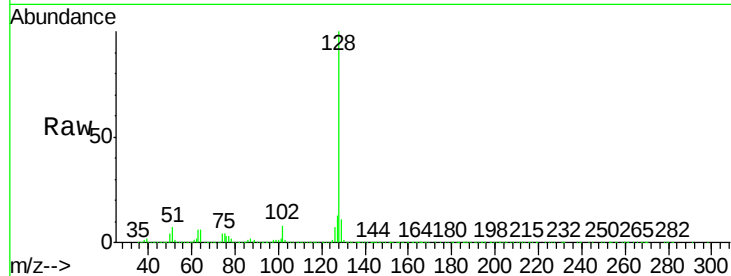




#91
Naphthalene
Concen: 110.494 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2228473
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 109.608 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion:180 Resp: 745986
Ion Ratio Lower Upper
180 100
182 95.2 0.0 192.8
145 29.8 0.0 60.0

