

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013153.D
 Acq On : 21 Oct 2019 14:09
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Oct 22 01:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:38:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	24812	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	151898	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	139544	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	60578	31.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.60%
60) 4-Bromofluorobenzene	11.14	95	75874	31.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.57%
63) Toluene-d8	8.71	98	182010	28.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	272243	159.666	ug/l 98
3) Chloromethane	1.31	50	243864	149.461	ug/l 95
4) Vinyl Chloride	1.40	62	252012	152.888	ug/l 97
5) Bromomethane	1.62	94	123509	157.736	ug/l 100
6) Chloroethane	1.70	64	147423	146.386	ug/l 100
7) Trichlorofluoromethane	1.91	101	392580	159.776	ug/l 98
8) Diethyl Ether	2.18	74	135001	152.869	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	239632	156.281	ug/l 97
10) 1,1-Dichloroethene	2.36	96	232516	154.256	ug/l 95
11) Methyl Iodide	2.50	142	332791	177.805	ug/l 99
12) Methyl Acetate	2.76	43	296015	141.650	ug/l 97
13) Acrolein	2.28	56	237994	778.950	ug/l 98
14) Acrylonitrile	3.14	53	624285	716.581	ug/l 99
15) Acetone	2.44	58	186719	628.237	ug/l 96
16) Carbon Disulfide	2.56	76	645021	158.555	ug/l 98
17) Allyl chloride	2.72	41	373026	147.453	ug/l 99
18) Methylene Chloride	2.84	84	256871	149.907	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	248301	154.381	ug/l 96
20) Diisopropyl ether	3.84	45	708194	146.316	ug/l 97
21) 1,1-Dichloroethane	3.69	63	433402	153.758	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	282241	152.043	ug/l 99
23) tert-Butyl Alcohol	3.05	59	312503	704.266	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	807735	157.606	ug/l 97
25) Chloroform	5.20	83	451994	154.623	ug/l 99
26) Cyclohexane	5.57	56	384642	151.263	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	349202	148.729	ug/l # 86
30) 2-Butanone	4.66	43	879329	655.089	ug/l 98
31) 2,2-Dichloropropane	4.57	77	396296	150.113	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	419890	152.537	ug/l 99
33) Carbon Tetrachloride	5.78	117	369683	156.584	ug/l 97
34) Benzene	6.13	78	998494	144.916	ug/l 98
35) Methacrylonitrile	5.03	41	190392	143.215	ug/l 97
36) 1,2-Dichloroethane	6.18	62	368235	146.287	ug/l 99
37) Trichloroethene	7.20	130	278168	149.731	ug/l 98
38) Methylcyclohexane	7.46	83	433563	151.804	ug/l 99
39) 1,2-Dichloropropane	7.51	63	247327	143.978	ug/l 100
40) Dibromomethane	7.65	93	177849	149.738	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	369424	156.722	ug/l	98
42) Vinyl Acetate	3.81	43	3145458	705.773	ug/l	100
43) Ethyl Acetate	4.83	43	332525	136.488	ug/l	99
44) Isopropyl Acetate	6.43	43	566060	143.676	ug/l	98
45) 1,4-Dioxane	7.73	88	136608	2772.596	ug/l	98
46) Methyl methacrylate	7.76	41	281054	144.745	ug/l	95
47) n-amyl Acetate	10.89	43	507651	151.199	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	422443	162.142	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	443789	154.994	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	259439	145.600	ug/l	98
51) Ethyl methacrylate	9.17	69	434362	155.208	ug/l	98
52) 1,3-Dichloropropane	9.37	76	435032	145.874	ug/l	100
53) Dibromochloromethane	9.58	129	300976	163.434	ug/l	99
54) 1,2-Dibromoethane	9.67	107	279095	149.036	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	891678	740.595	ug/l	99
56) Bromoform	10.85	173	225803	175.742	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1709323	679.704	ug/l	100
59) 2-Hexanone	9.49	43	1314968	671.373	ug/l	100
61) Tetrachloroethene	9.33	164	249885	139.494	ug/l	98
62) Toluene	8.78	91	1089539	143.613	ug/l	100
64) Chlorobenzene	10.14	112	706841	146.502	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	273079	153.178	ug/l	99
66) Ethyl Benzene	10.25	91	1285934	148.061	ug/l	98
67) m/p-Xylenes	10.35	106	971064	296.603	ug/l	99
68) o-Xylene	10.70	106	466813	147.908	ug/l	95
69) Styrene	10.71	104	832235	151.848	ug/l	99
70) Isopropylbenzene	11.01	105	1269627	148.561	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	382887	140.189	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	476796	201.583	ug/l	92
73) Bromobenzene	11.25	156	308415	151.656	ug/l	99
74) n-propylbenzene	11.35	91	1462932	154.391	ug/l	100
75) 2-Chlorotoluene	11.42	91	894753	152.475	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	1109843	153.645	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	148519	165.686	ug/l	92
78) 4-Chlorotoluene	11.51	91	1043400	154.904	ug/l	99
79) tert-butylbenzene	11.76	119	1078046	158.771	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	1114865	155.193	ug/l	98
81) sec-Butylbenzene	11.94	105	1281524	155.580	ug/l	99
82) p-Isopropyltoluene	12.06	119	1182216	157.108	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	582017	158.549	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	571144	154.152	ug/l	98
85) n-Butylbenzene	12.39	91	1059714	165.866	ug/l	98
86) Hexachloroethane	12.59	117	222327	170.922	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	554196	152.045	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	97285	150.680	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	365647	161.704	ug/l	99
90) Hexachlorobutadiene	13.78	225	173210	159.291	ug/l	98
91) Naphthalene	13.83	128	1169404	153.219	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	358035	157.023	ug/l	97

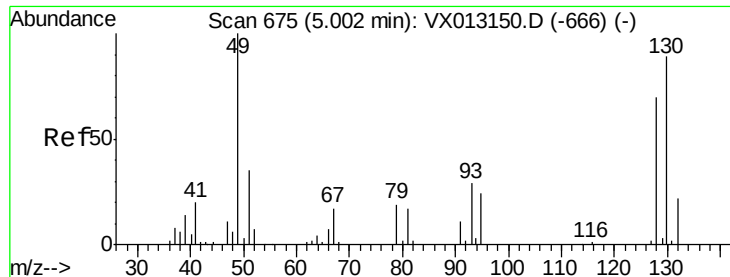
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

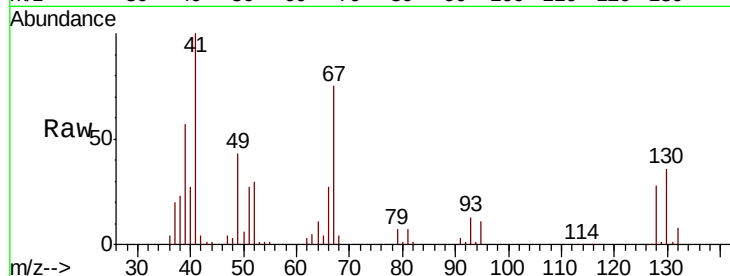
Tot Ion:128 Resp: 24812

Ion Ratio Lower Upper

128 100

49 155.9 0.0 367.3

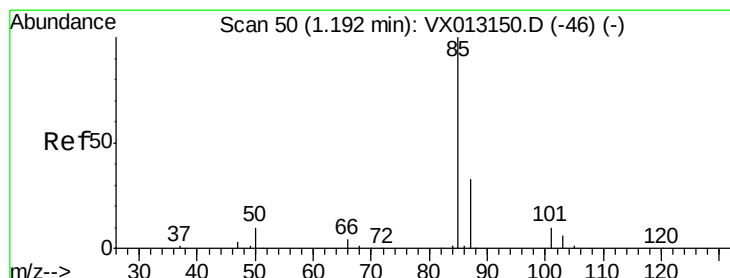
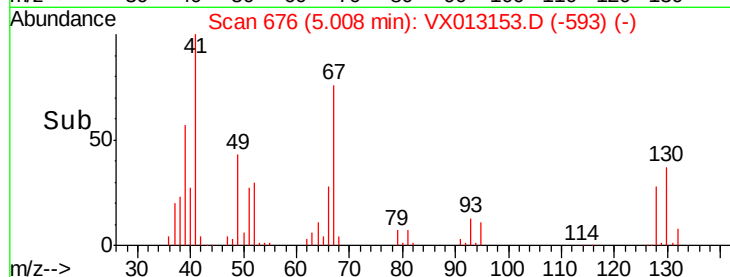
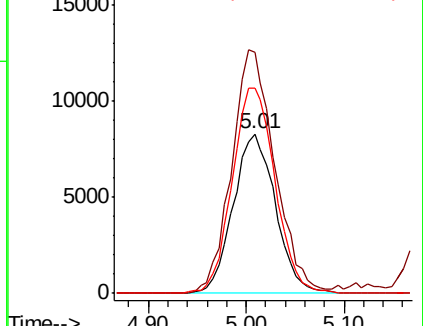
130 130.7 0.0 325.0



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: 159.666 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013153.D

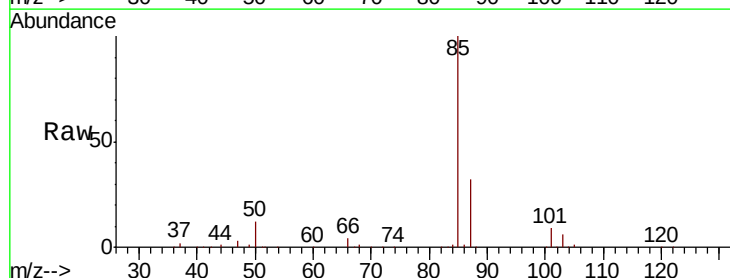
Acq: 21 Oct 2019 14:09

Tgt Ion: 85 Resp: 272243

Ion Ratio Lower Upper

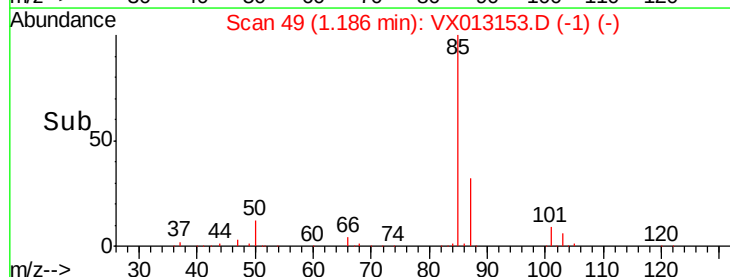
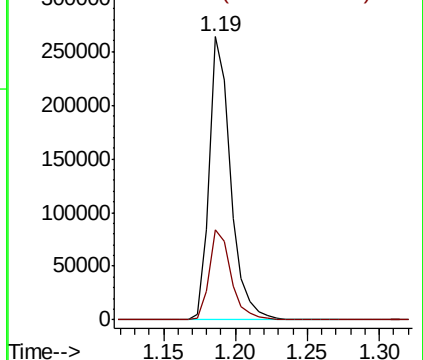
85 100

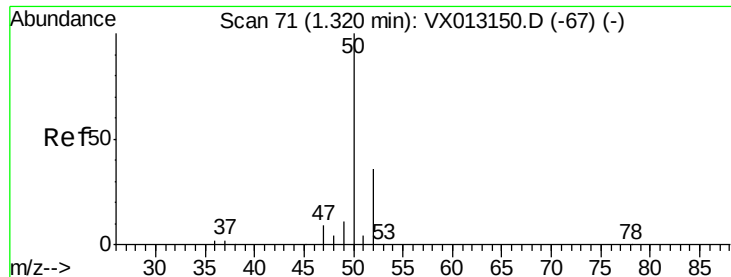
87 32.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 149.461 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

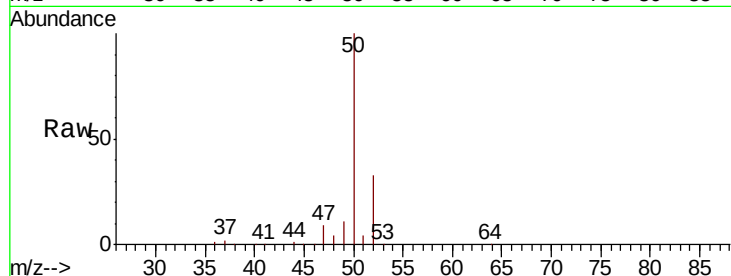
VSTDIC150

Tot Ion: 50 Resp: 243864

Ion Ratio Lower Upper

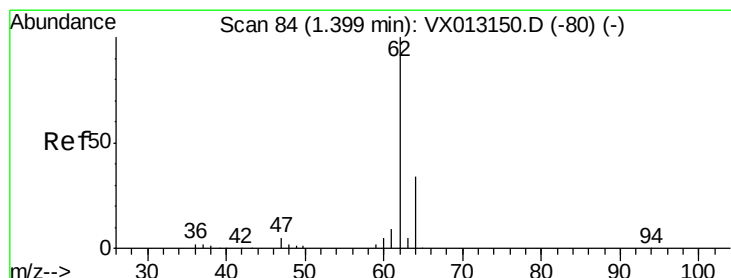
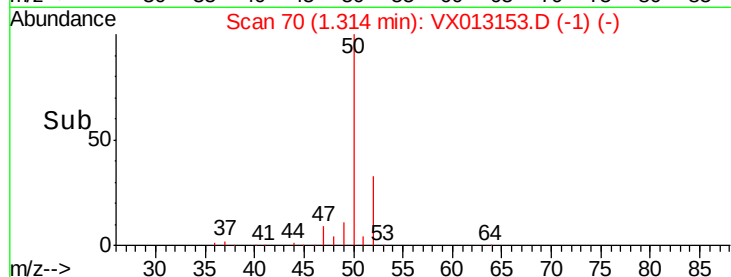
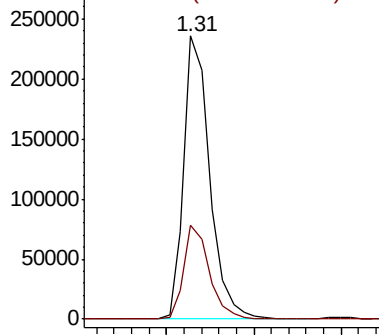
50 100

52 33.0 28.6 42.8



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 152.888 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013153.D

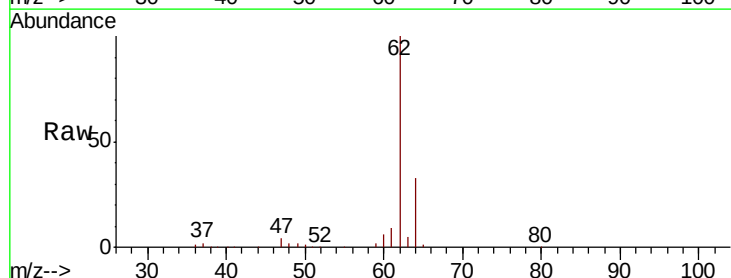
Acq: 21 Oct 2019 14:09

Tgt Ion: 62 Resp: 252012

Ion Ratio Lower Upper

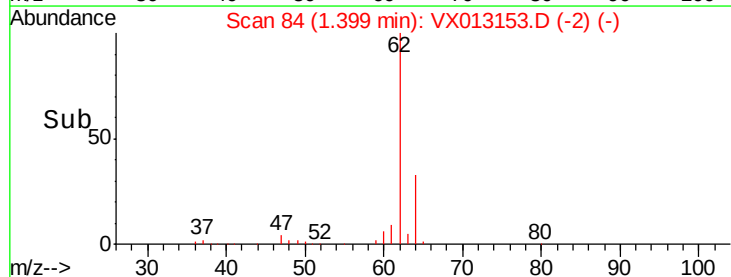
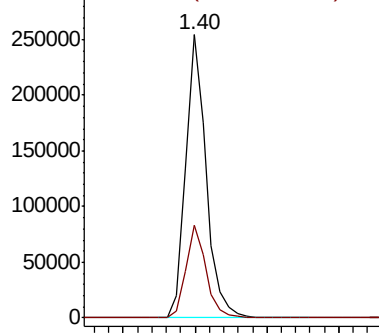
62 100

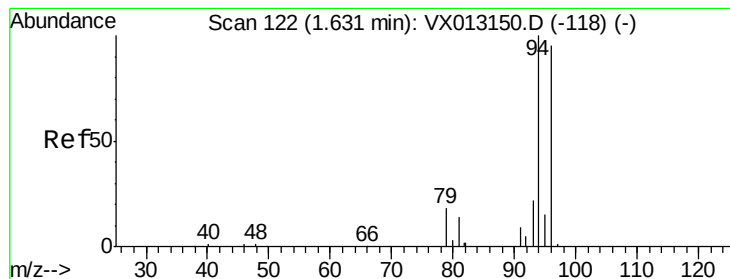
64 32.5 27.3 40.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 157.736 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

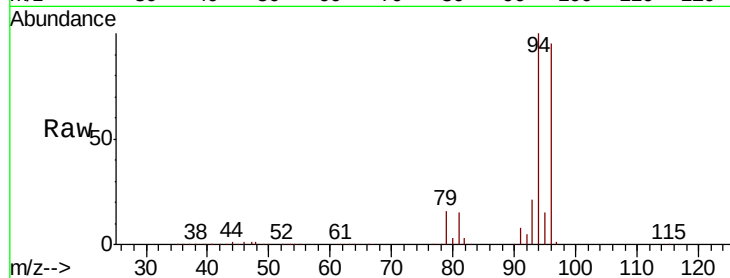
VSTDIC150

Tot Ion: 94 Resp: 123509

Ion Ratio Lower Upper

94 100

96 95.2 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.62

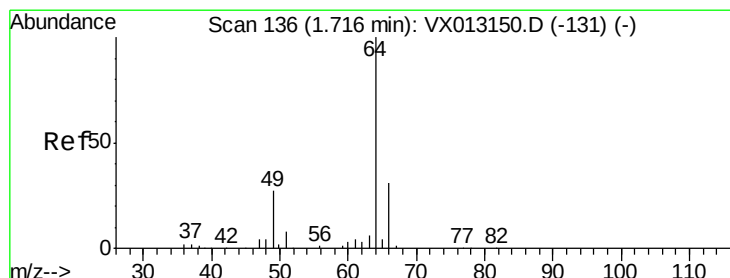
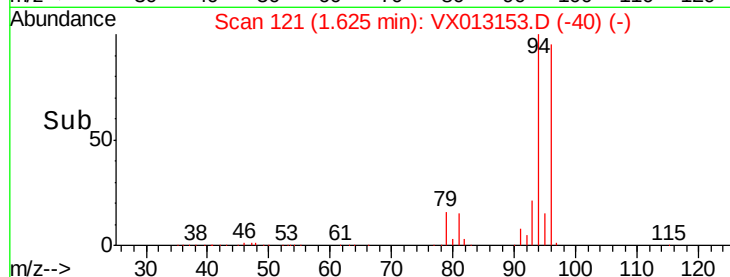
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 146.386 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.02 min

Lab File: VX013153.D

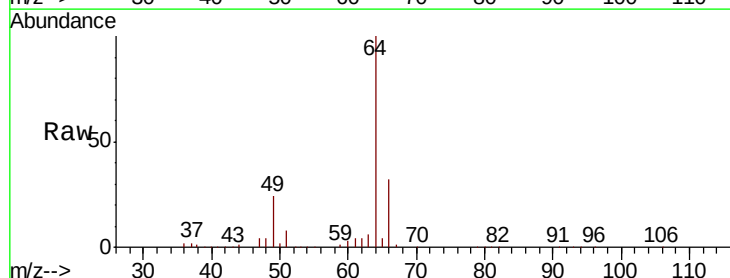
Acq: 21 Oct 2019 14:09

Tgt Ion: 64 Resp: 147423

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

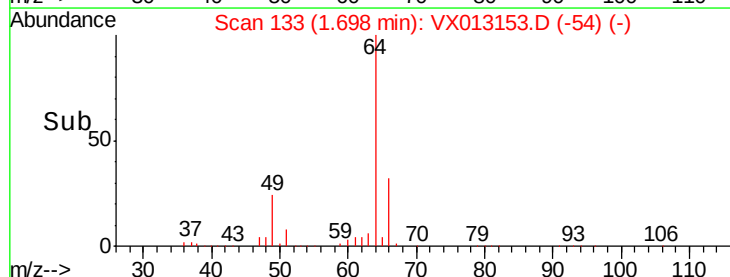
1.70

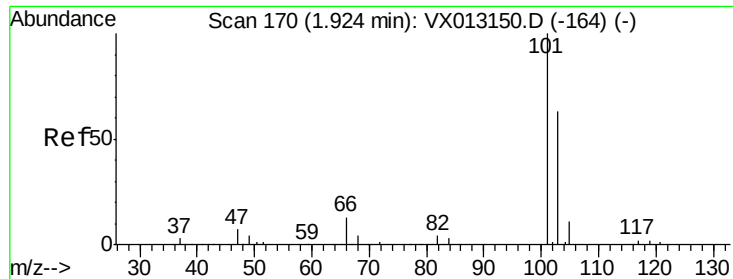
100000

50000

0

Time-->



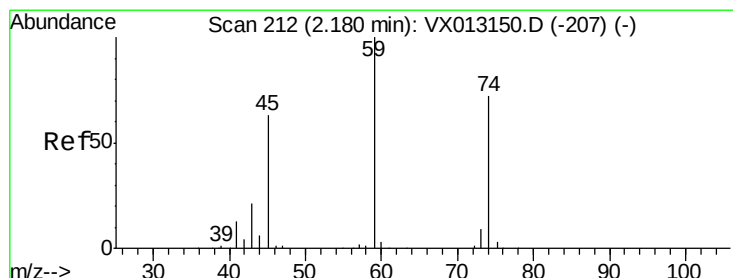
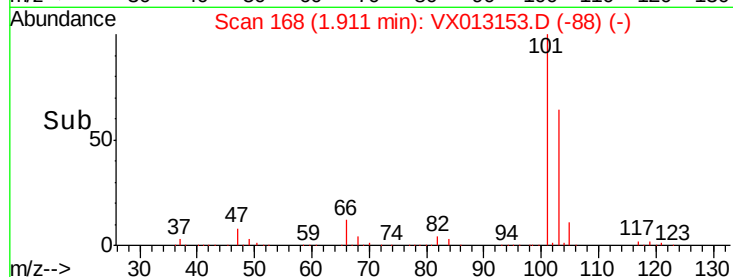
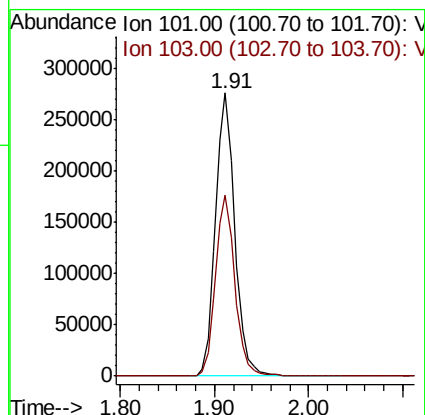
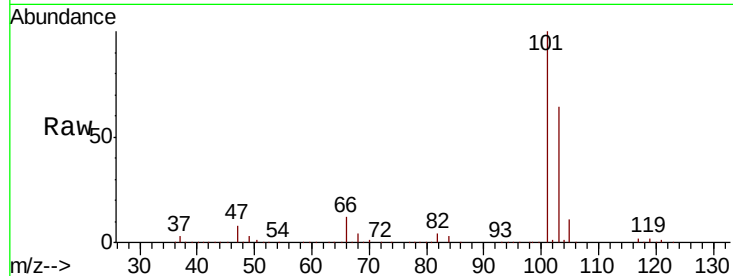


#7

Trichlorofluoromethane
 Concen: 159.776 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

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 VSTDIC150

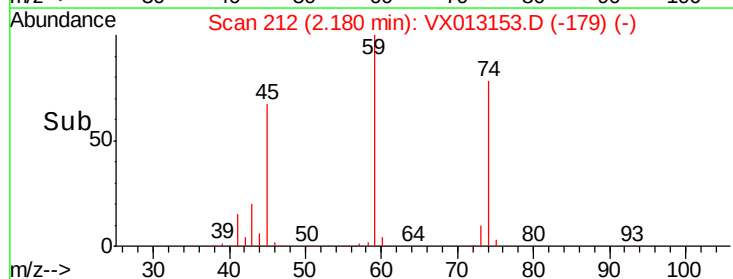
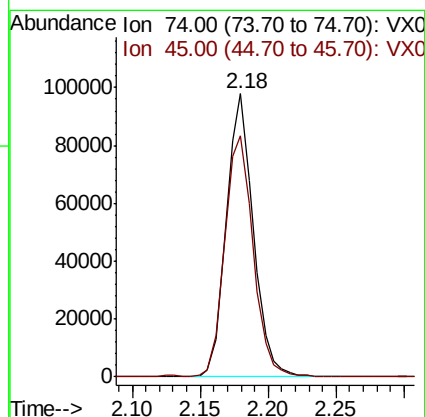
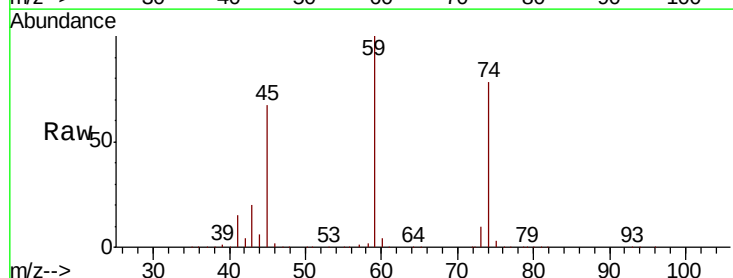
Tot Ion:101 Resp: 392580
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.2 75.4

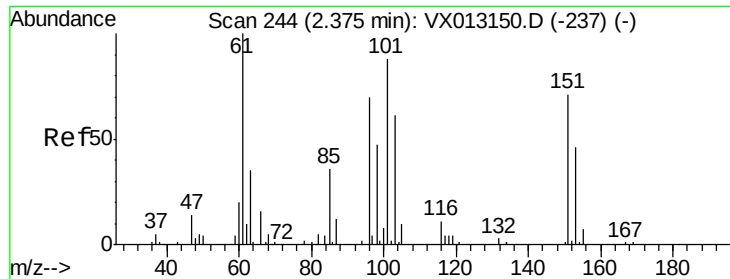


#8

Diethyl Ether
 Concen: 152.869 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 74 Resp: 135001
 Ion Ratio Lower Upper
 74 100
 45 89.5 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 156.281 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

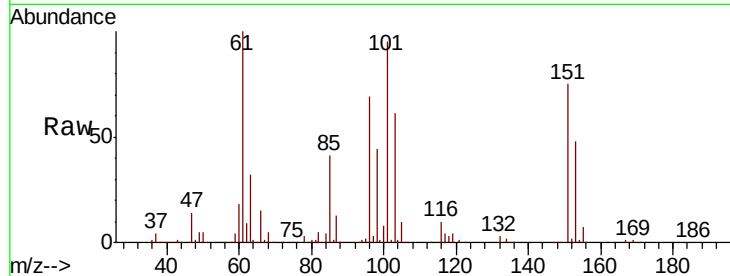
Tot Ion: 101 Resp: 239632

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.2

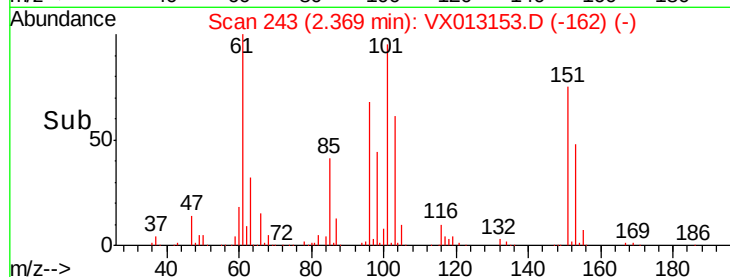
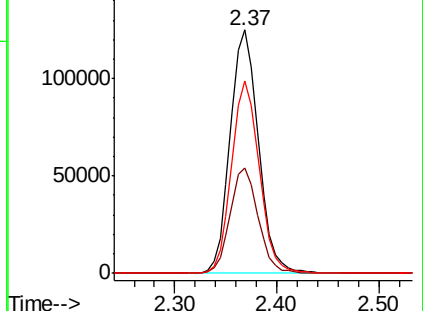
151 77.6 0.0 163.0



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: 154.256 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

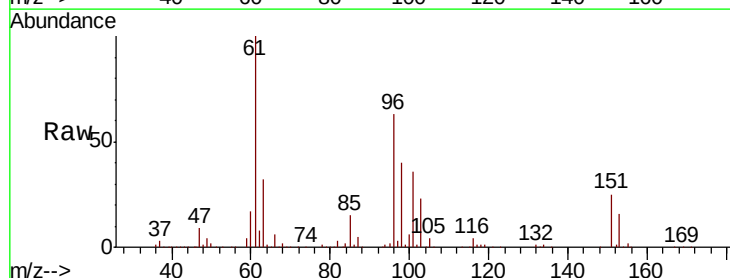
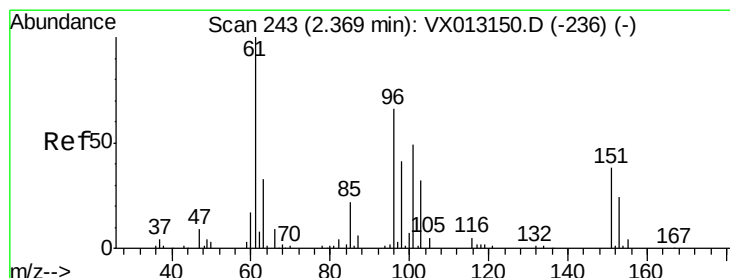
Tgt Ion: 96 Resp: 232516

Ion Ratio Lower Upper

96 100

61 160.0 121.3 181.9

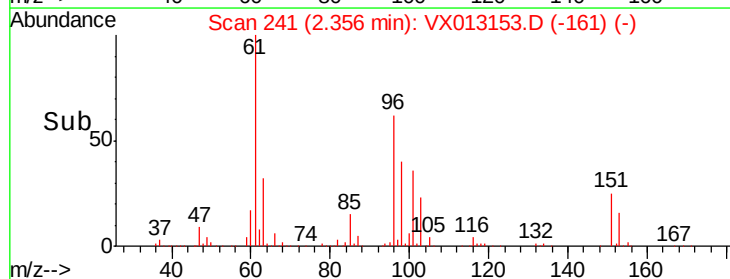
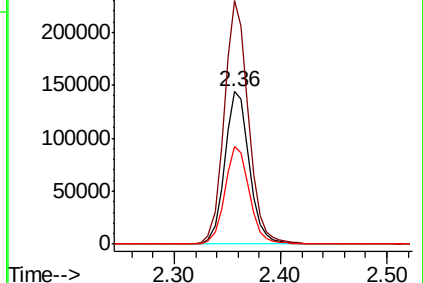
98 63.8 49.5 74.3

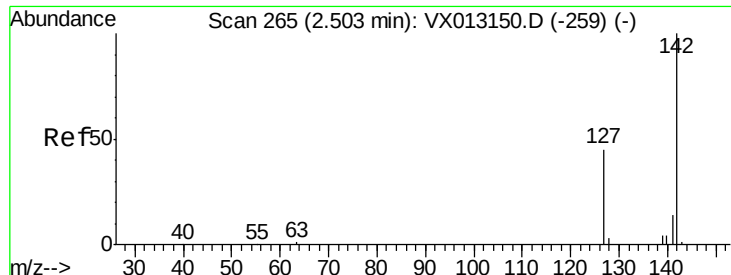


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

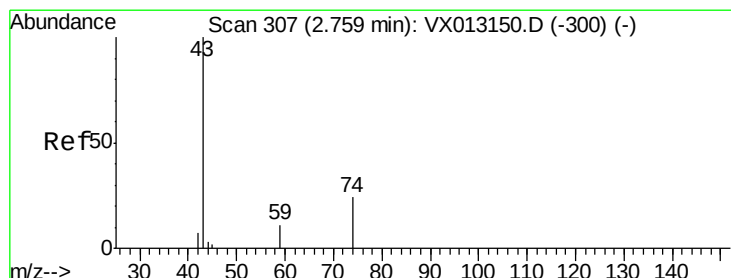
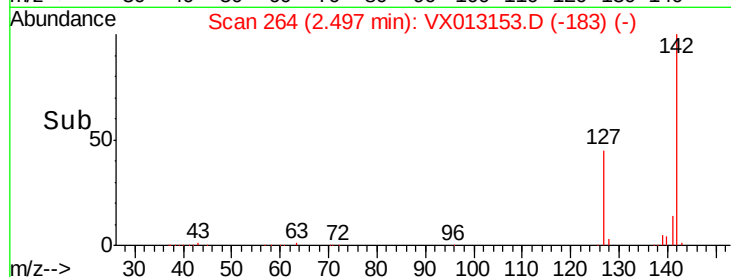
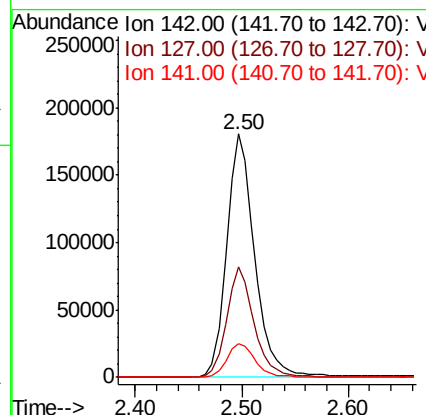
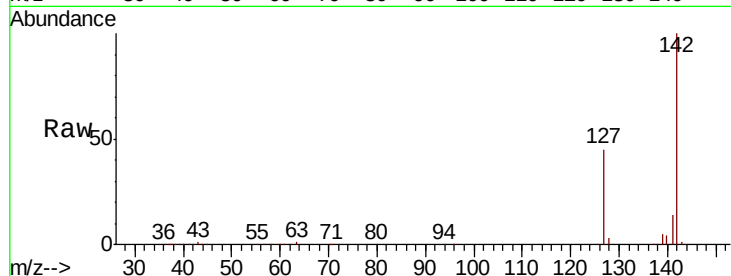




#11
Methyl Iodide
Concen: 177.805 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

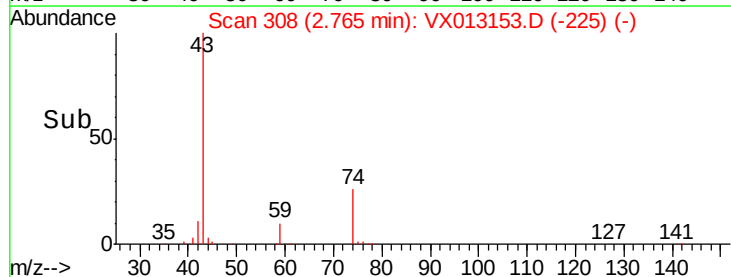
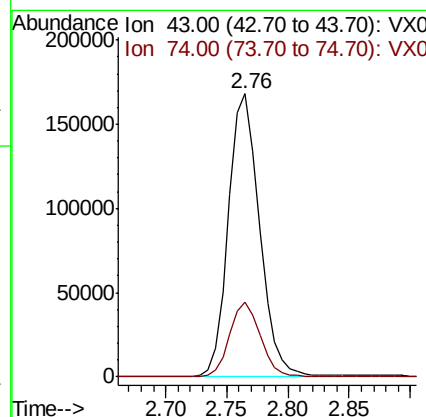
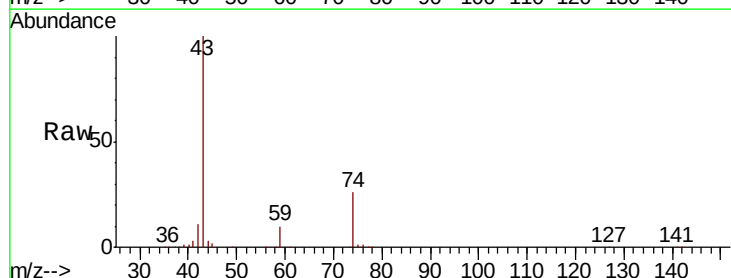
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

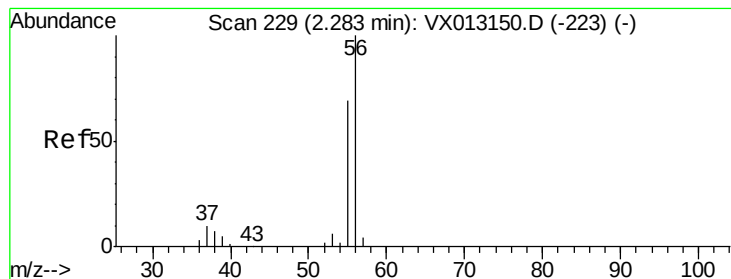
Tot Ion:142 Resp: 332791
Ion Ratio Lower Upper
142 100
127 45.2 22.3 66.9
141 13.9 7.1 21.3



#12
Methyl Acetate
Concen: 141.650 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 43 Resp: 296015
Ion Ratio Lower Upper
43 100
74 26.3 19.7 29.5





#13

Acrolein

Concen: 778.950 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

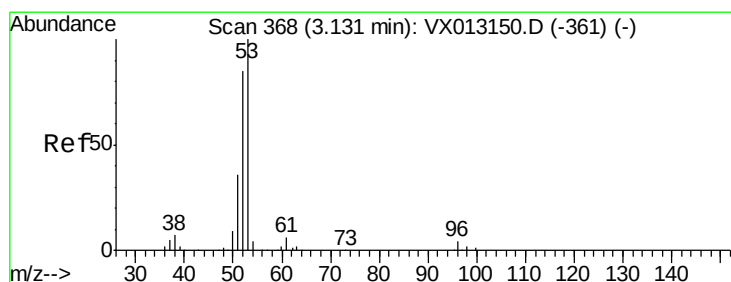
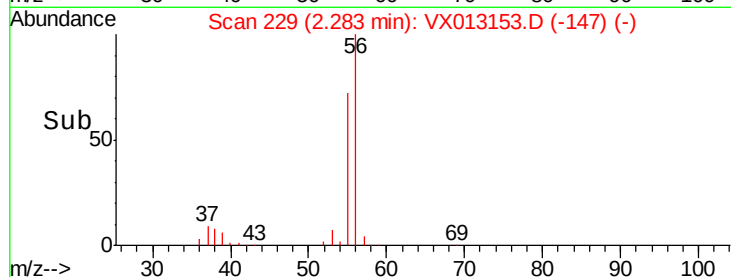
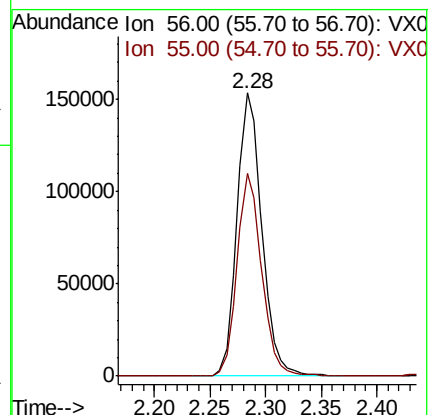
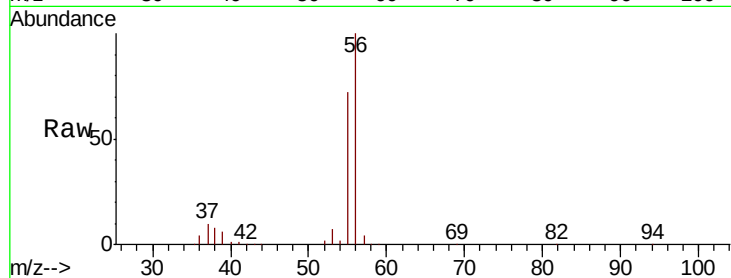
VSTDIC150

Tot Ion: 56 Resp: 237994

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



#14

Acrylonitrile

Concen: 716.581 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

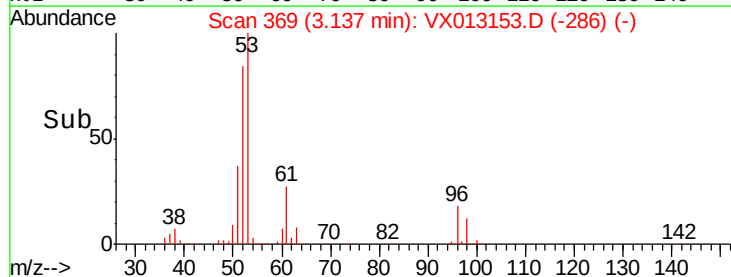
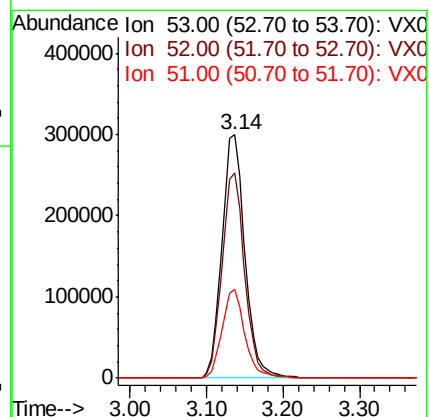
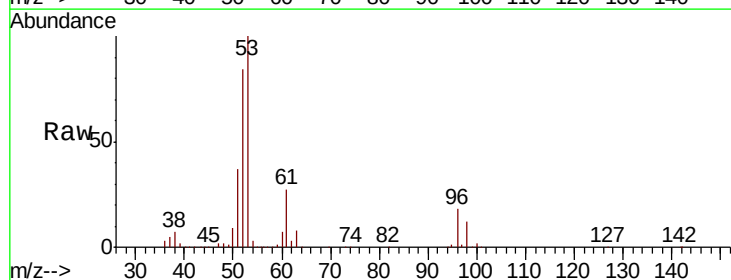
Tgt Ion: 53 Resp: 624285

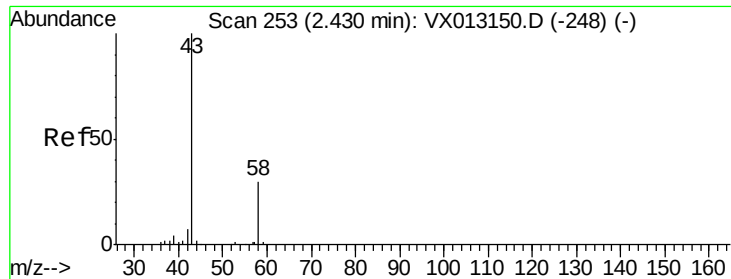
Ion Ratio Lower Upper

53 100

52 83.0 42.0 126.0

51 36.2 18.6 56.0





#15

Acetone

Concen: 628.237 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

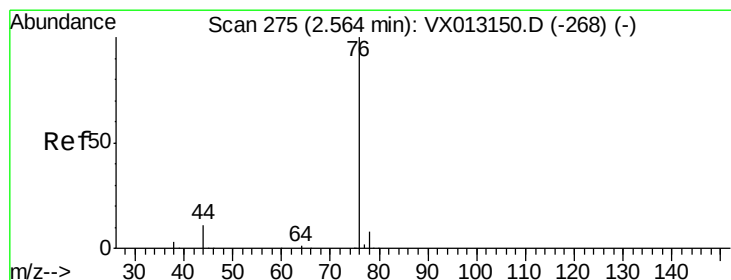
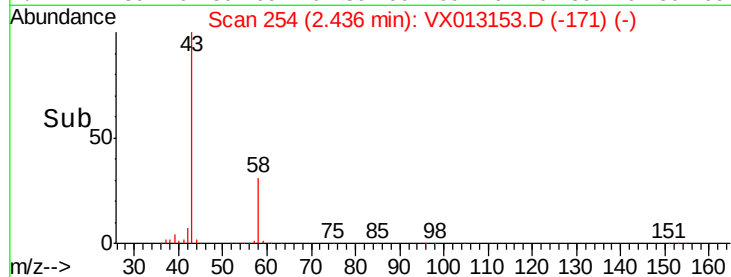
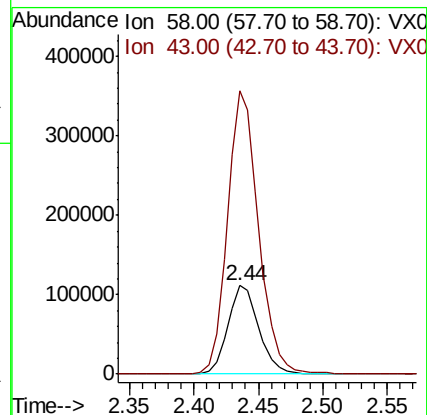
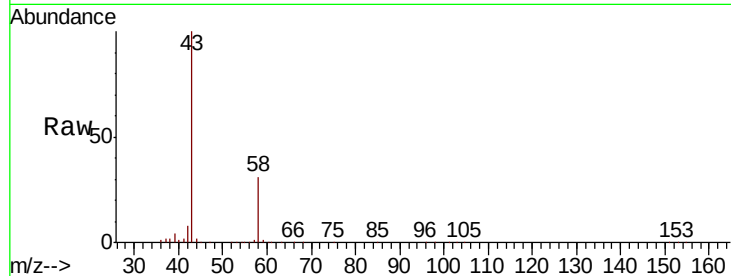
VSTDIC150

Tot Ion: 58 Resp: 186719

Ion Ratio Lower Upper

58 100

43 320.0 262.8 394.2



#16

Carbon Disulfide

Concen: 158.555 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013153.D

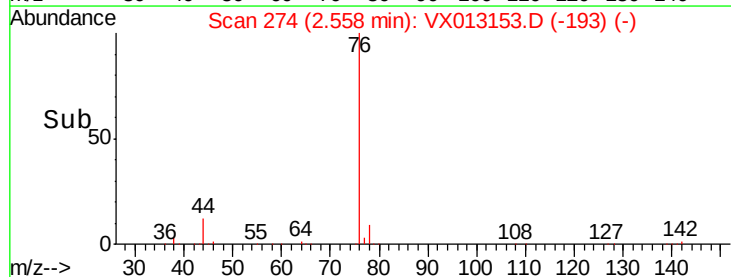
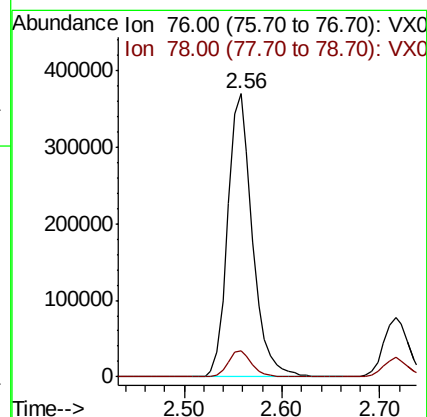
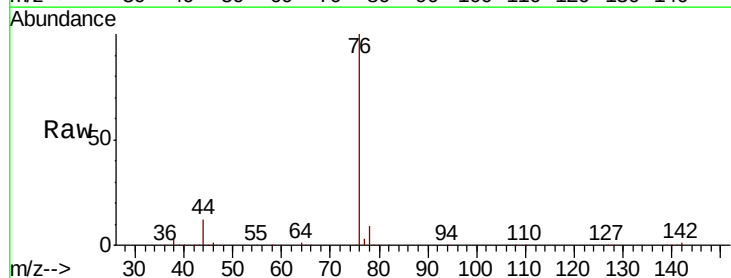
Acq: 21 Oct 2019 14:09

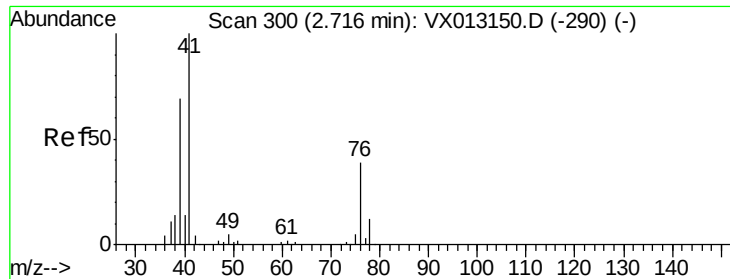
Tgt Ion: 76 Resp: 645021

Ion Ratio Lower Upper

76 100

78 9.1 6.6 10.0

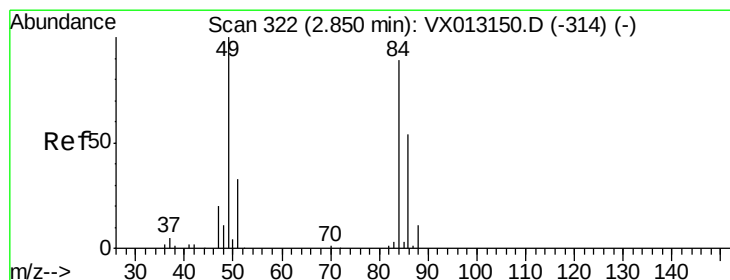
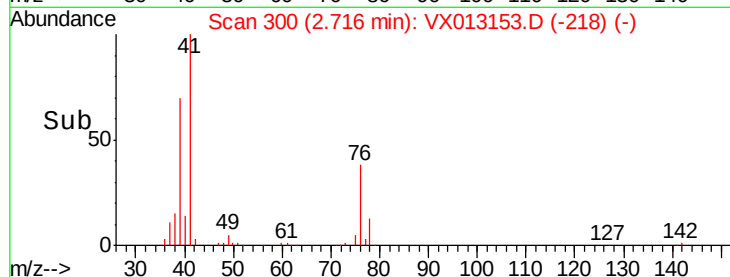
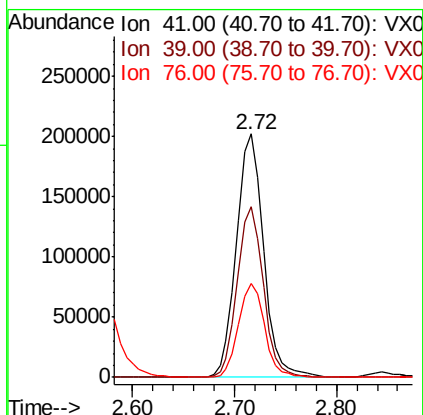
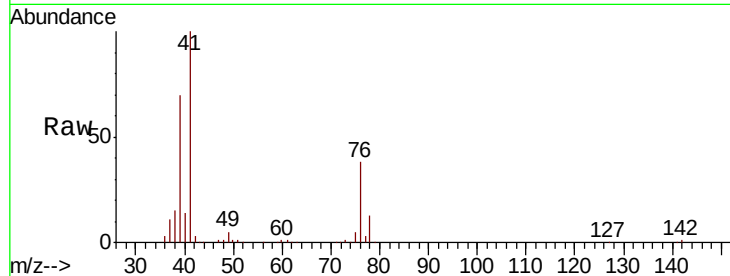




#17
 Allvl chloride
 Concen: 147.453 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

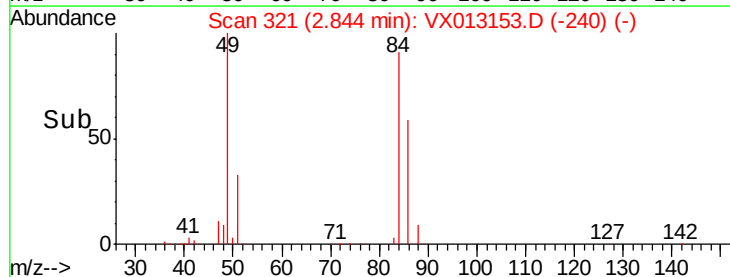
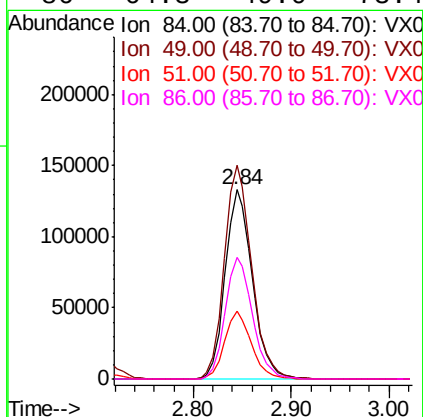
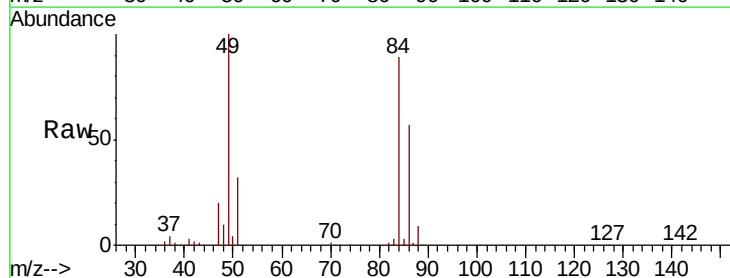
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

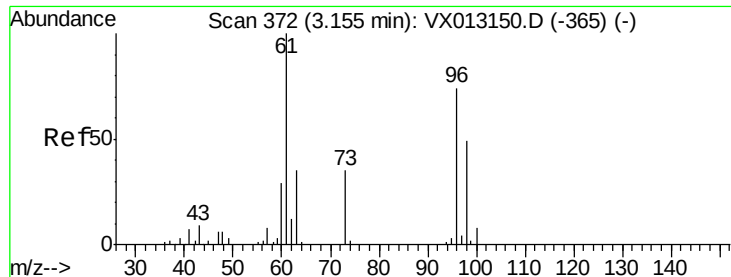
Tot Ion: 41 Resp: 373026
 Ion Ratio Lower Upper
 41 100
 39 70.3 34.7 104.1
 76 38.3 19.7 59.0



#18
 Methylene Chloride
 Concen: 149.907 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 84 Resp: 256871
 Ion Ratio Lower Upper
 84 100
 49 112.9 90.3 135.5
 51 35.7 29.9 44.9
 86 64.3 49.0 73.4

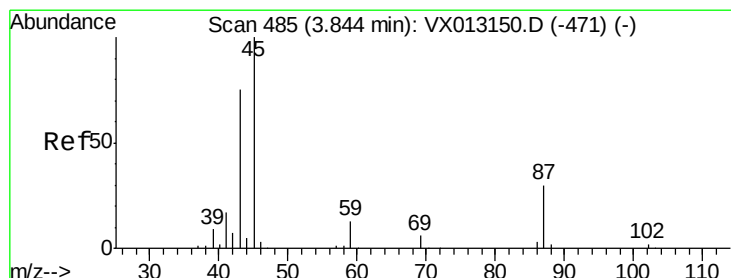
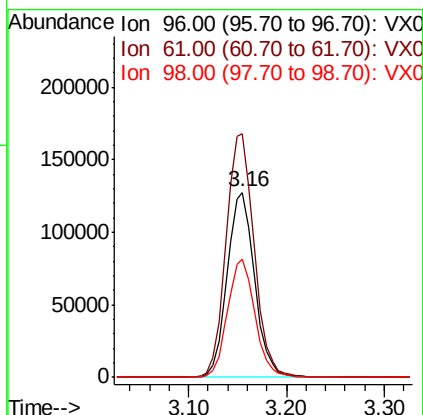
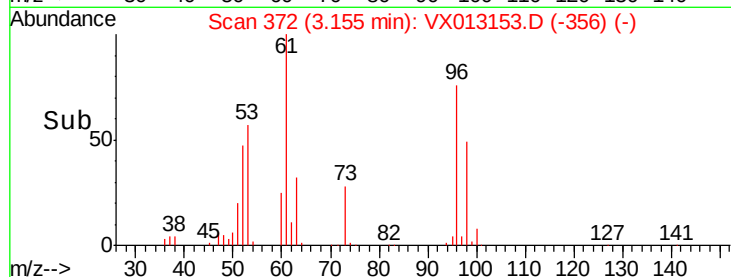
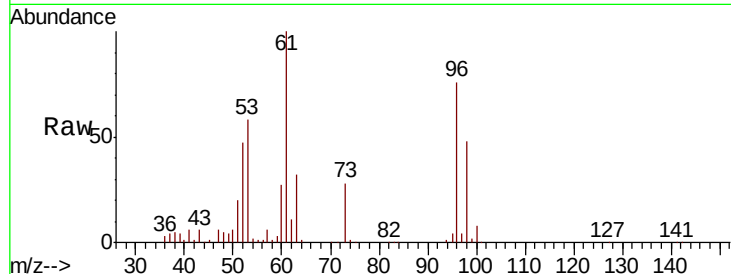




#19
trans-1,2-Dichloroethene
Concen: 154.381 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

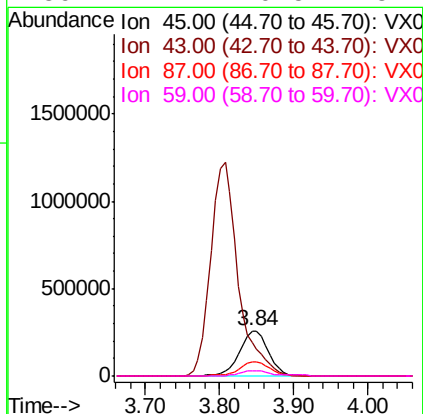
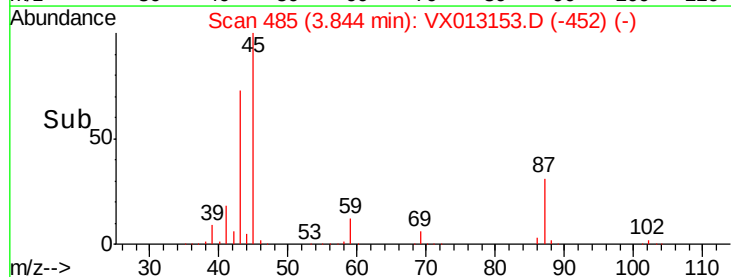
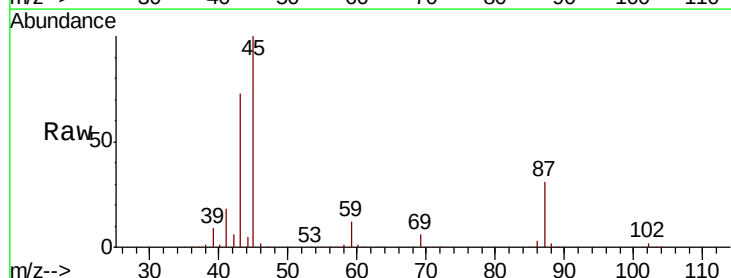
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

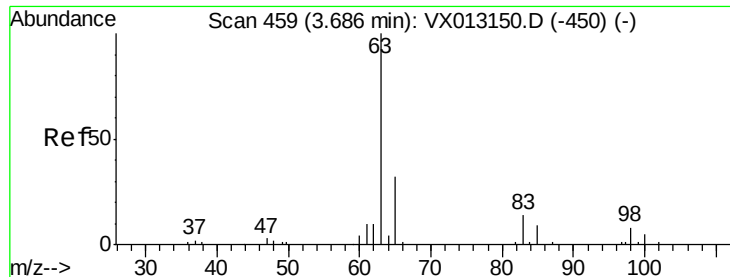
Tot Ion: 96 Resp: 248301
Ion Ratio Lower Upper
96 100
61 131.3 108.6 162.8
98 63.7 53.4 80.0



#20
Diisopropyl ether
Concen: 146.316 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 45 Resp: 708194
Ion Ratio Lower Upper
45 100
43 72.6 60.6 91.0
87 31.3 24.2 36.2
59 12.1 10.5 15.7





#21

1,1-Dichloroethane

Concen: 153.758 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

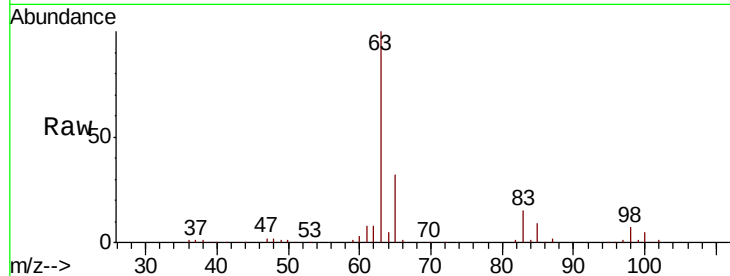
Tot Ion: 63 Resp: 433402

Ion Ratio Lower Upper

63 100

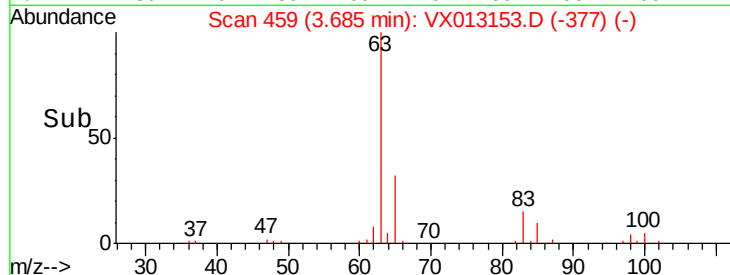
98 7.3 4.2 12.4

100 5.0 2.4 7.2

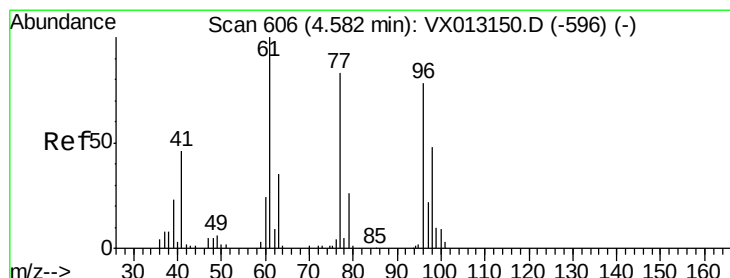


Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

3.69



Time-->



#22

cis-1,2-Dichloroethene

Concen: 152.043 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

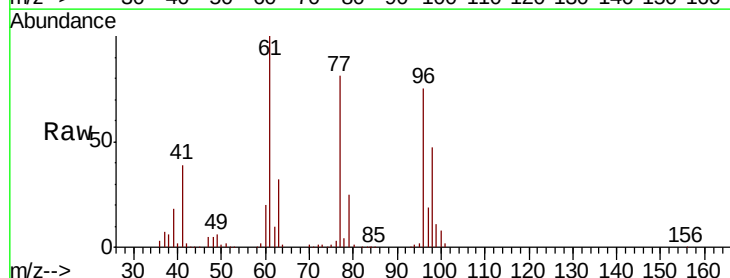
Tgt Ion: 96 Resp: 282241

Ion Ratio Lower Upper

96 100

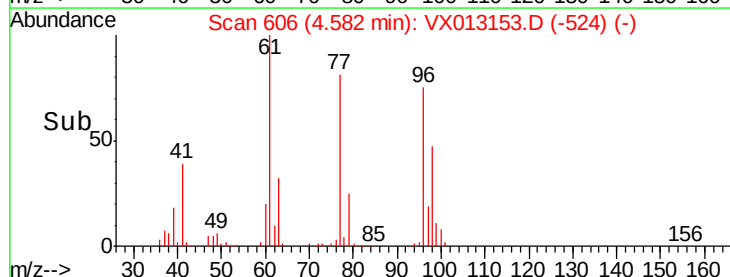
61 141.6 112.5 168.7

98 64.8 51.2 76.8

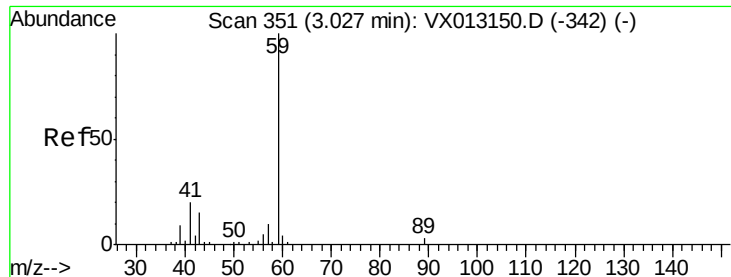


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

4.58



Time-->

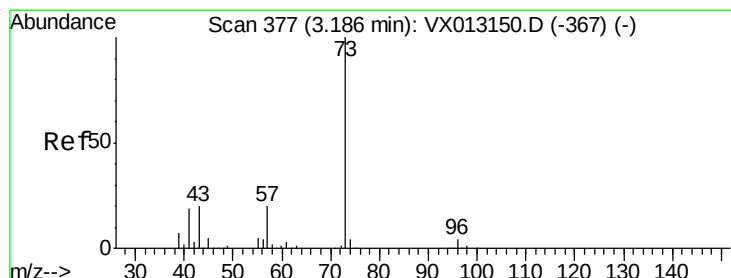
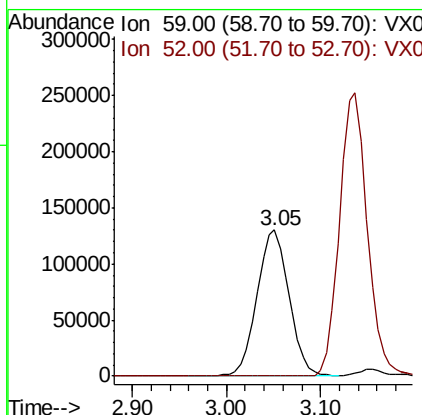
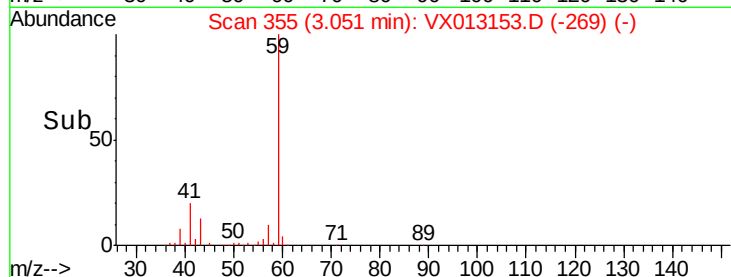
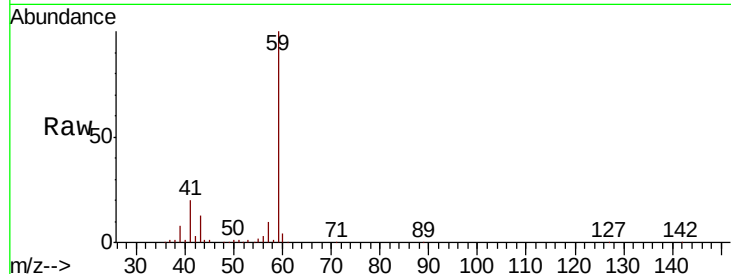


#23

tert-Butyl Alcohol
 Concen: 704.266 ug/l
 RT: 3.05 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

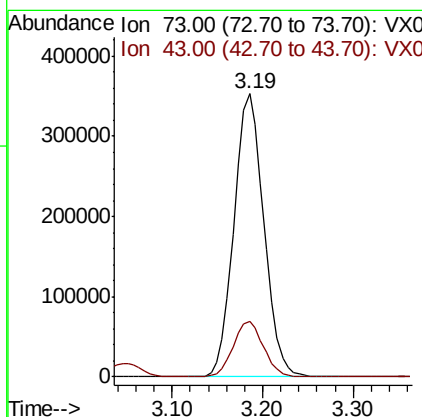
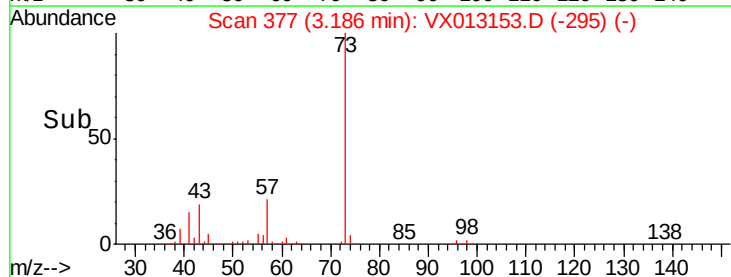
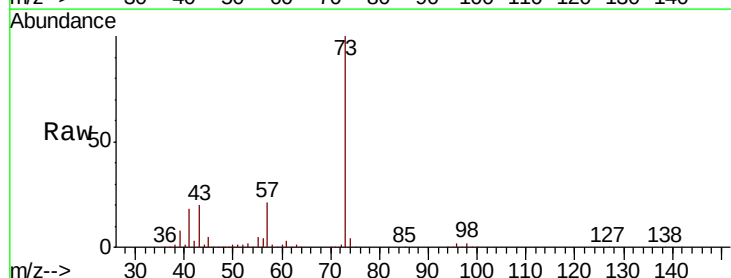
Tot Ion: 59 Resp: 312503
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

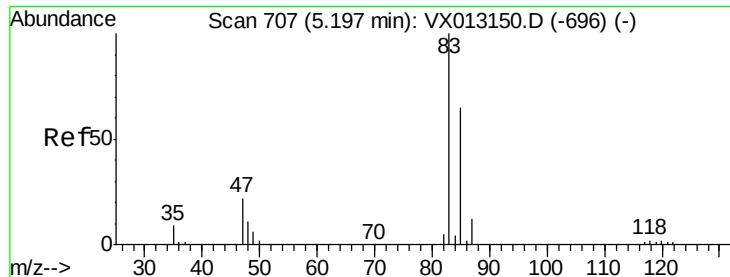


#24

Methyl tert-Butyl Ether
 Concen: 157.606 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 73 Resp: 807735
 Ion Ratio Lower Upper
 73 100
 43 19.8 17.1 25.7





#25

Chloroform

Concen: 154.623 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

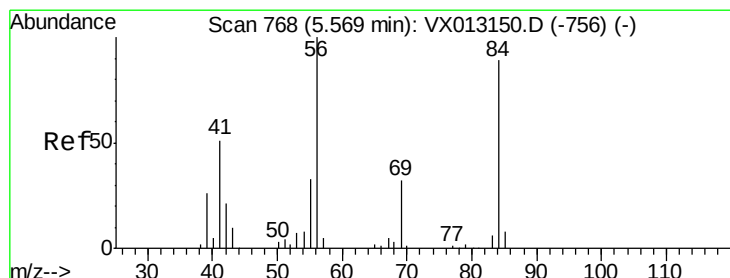
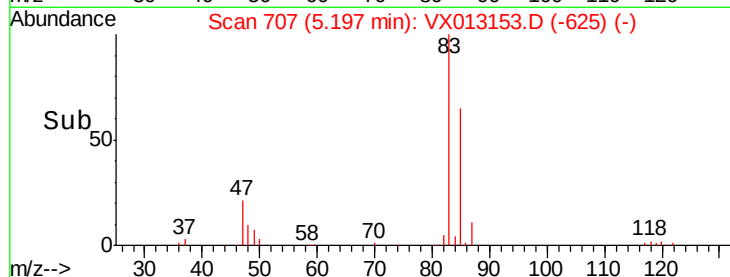
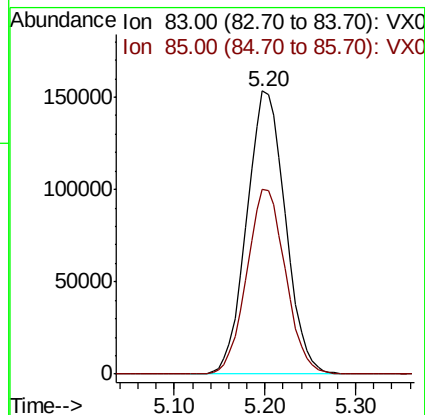
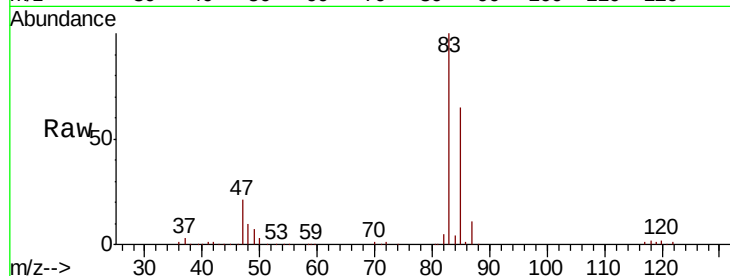
VSTDIC150

Tot Ion: 83 Resp: 451994

Ion Ratio Lower Upper

83 100

85 65.4 52.0 78.0



#26

Cyclohexane

Concen: 151.263 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

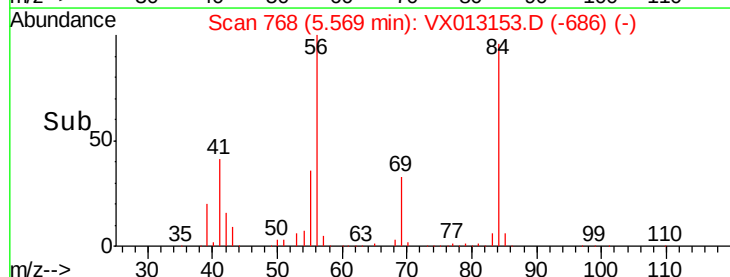
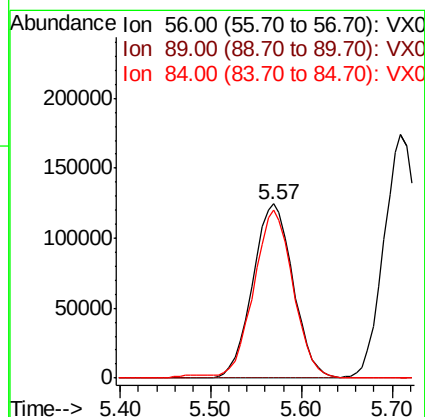
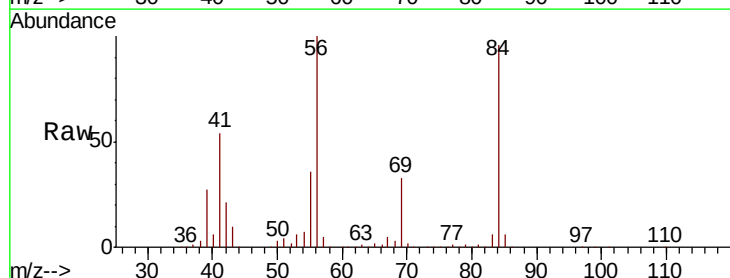
Tgt Ion: 56 Resp: 384642

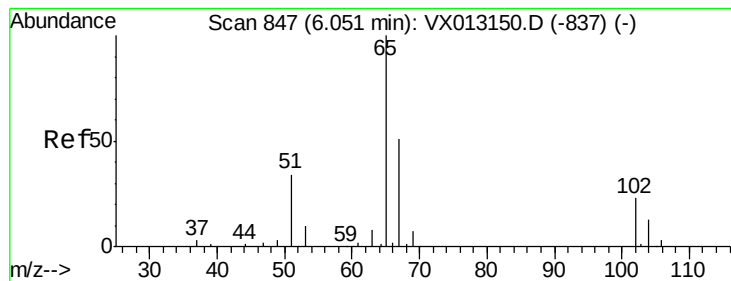
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 93.8 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 31.679 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

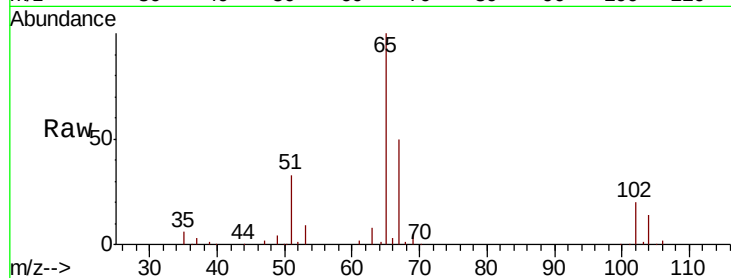
VSTDIC150

Tot Ion: 65 Resp: 60578

Ion Ratio Lower Upper

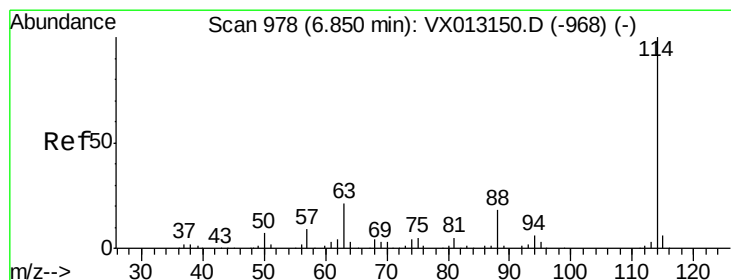
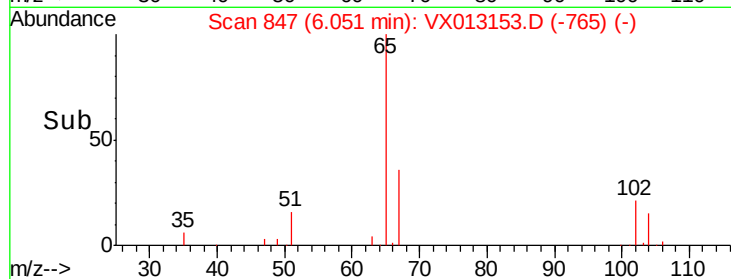
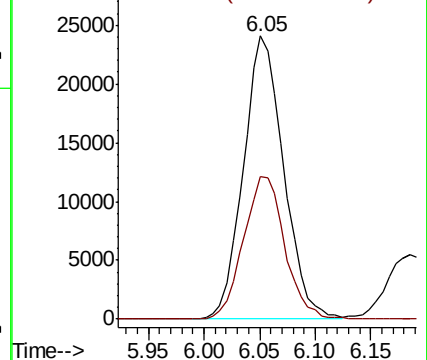
65 100

67 51.3 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

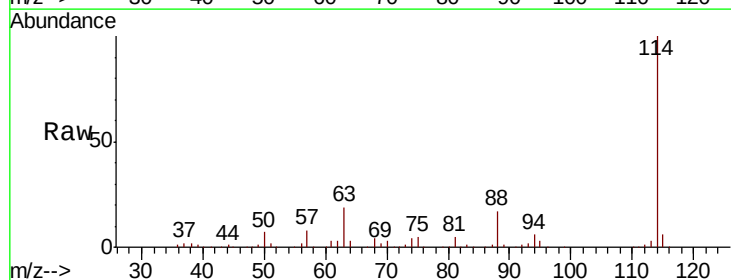
Tgt Ion: 114 Resp: 151898

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

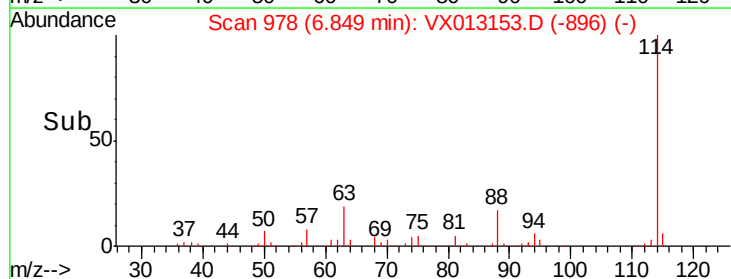
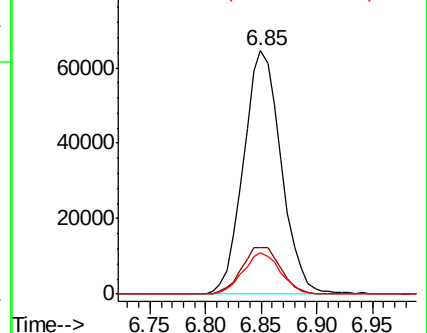
88 16.8 13.7 20.5

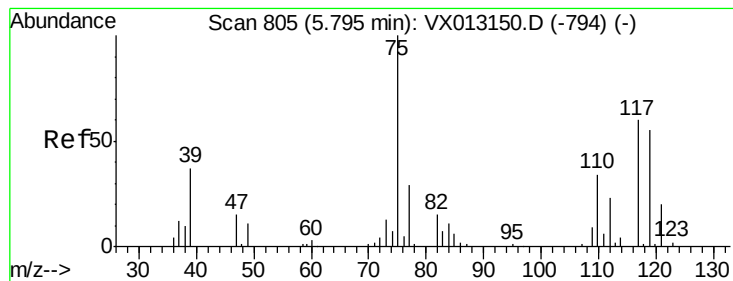


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 148.729 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

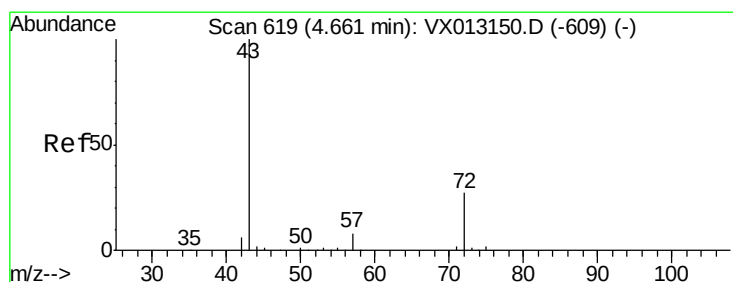
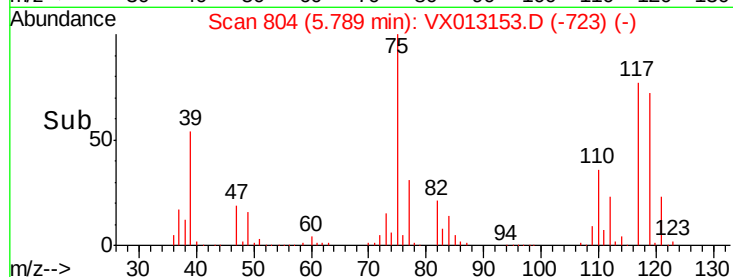
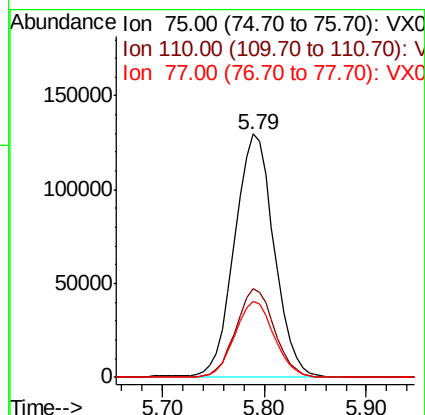
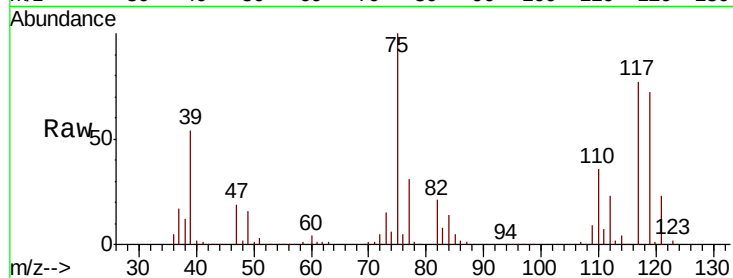
Tot Ion: 75 Resp: 349202

Ion Ratio Lower Upper

75 100

110 35.7 0.0 68.4

77 31.3 0.0 30.8#



#30

2-Butanone

Concen: 655.089 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

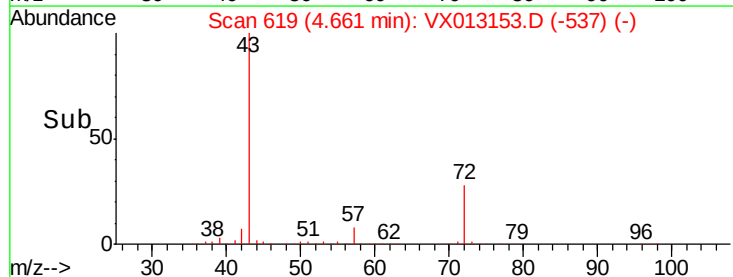
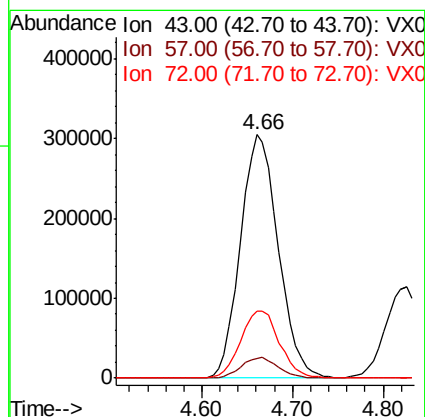
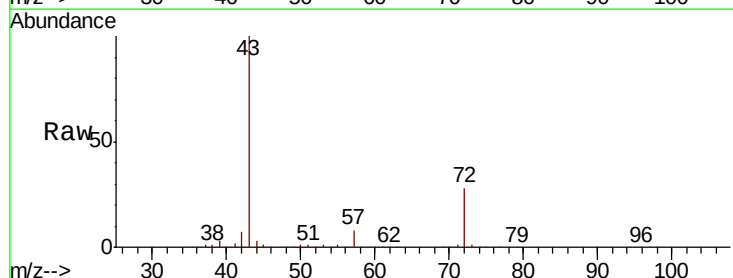
Tgt Ion: 43 Resp: 879329

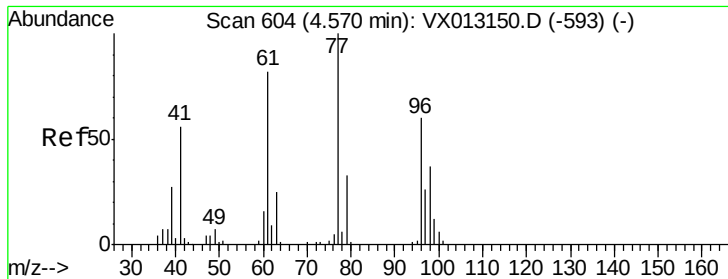
Ion Ratio Lower Upper

43 100

57 8.4 7.0 10.6

72 28.4 23.4 35.2





#31

2,2-Dichloropropane

Concen: 150.113 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

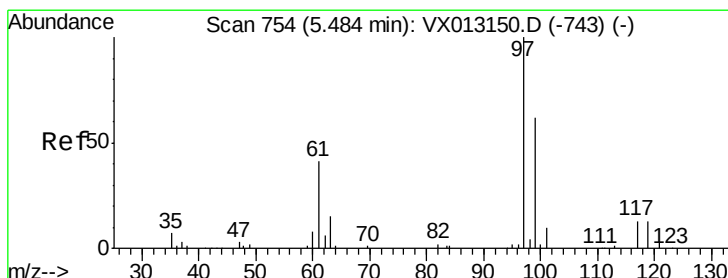
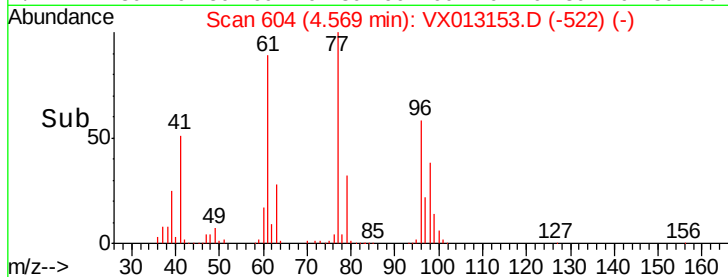
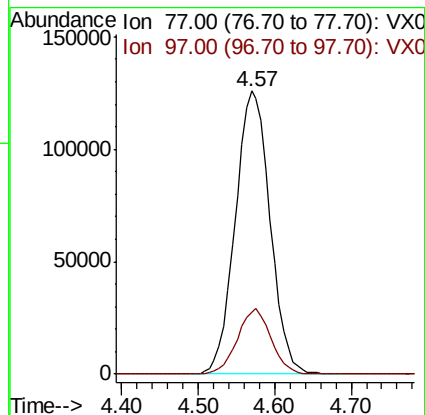
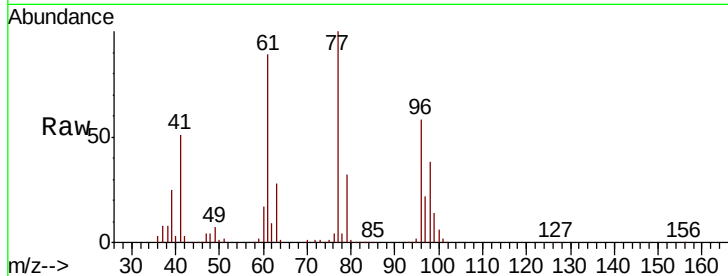
VSTDIC150

Tot Ion: 77 Resp: 396296

Ion Ratio Lower Upper

77 100

97 22.4 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 152.537 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

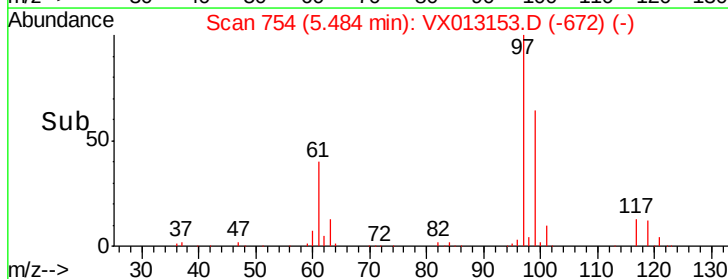
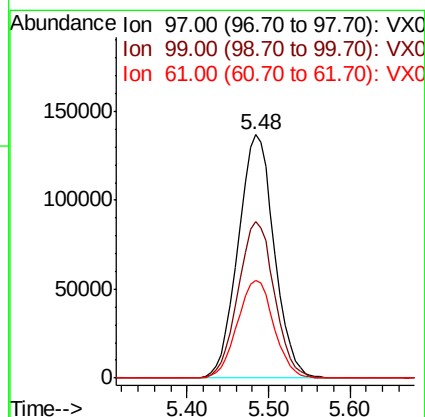
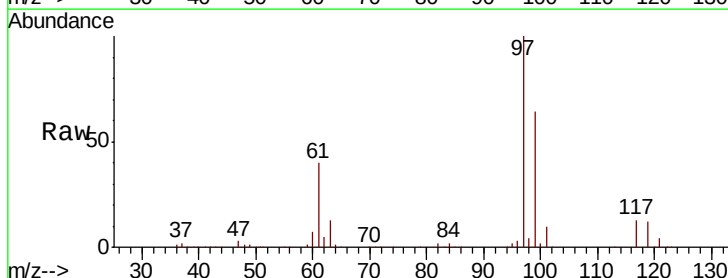
Tgt Ion: 97 Resp: 419890

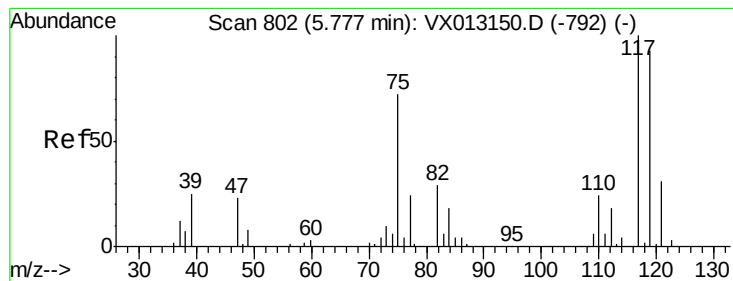
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 40.8 33.5 50.3





#33

Carbon Tetrachloride

Concen: 156.584 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

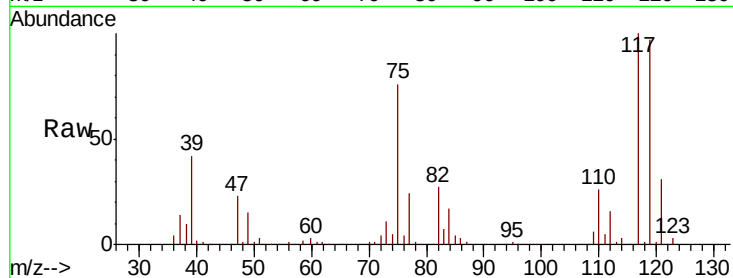
Tot Ion:117 Resp: 369683

Ion Ratio Lower Upper

117 100

119 96.7 74.9 112.3

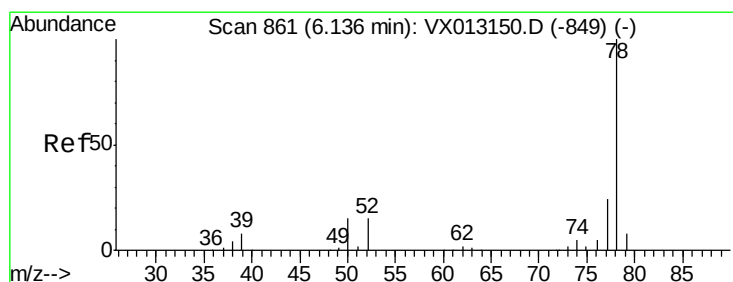
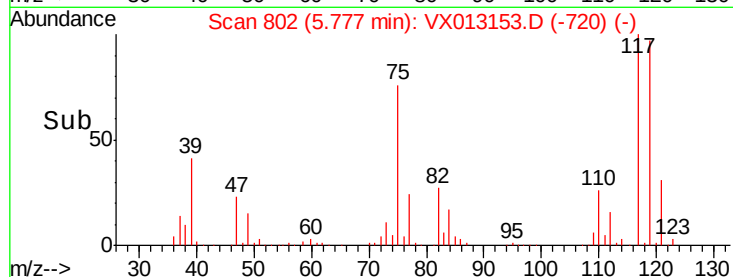
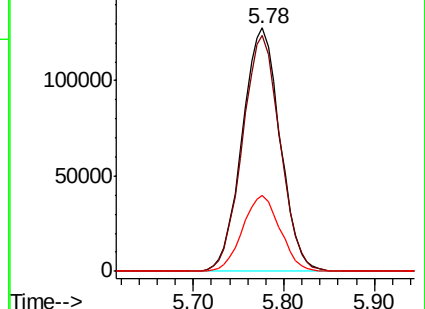
121 31.0 25.0 37.4



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: 144.916 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

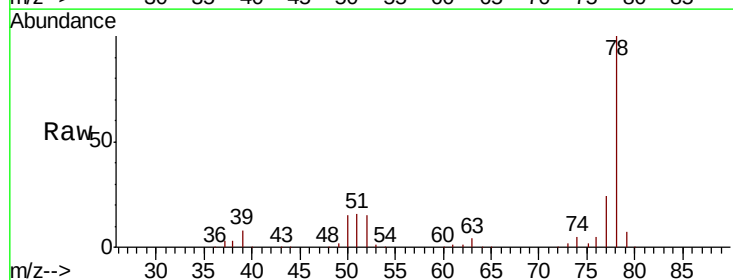
Tgt Ion: 78 Resp: 998494

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

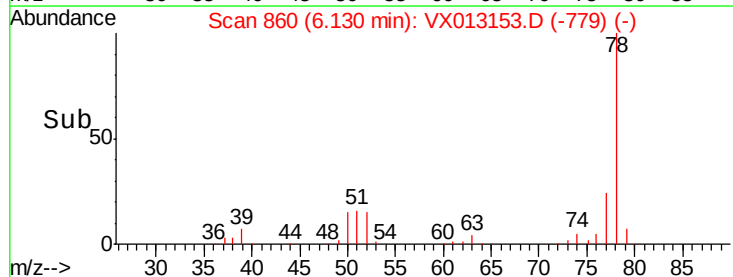
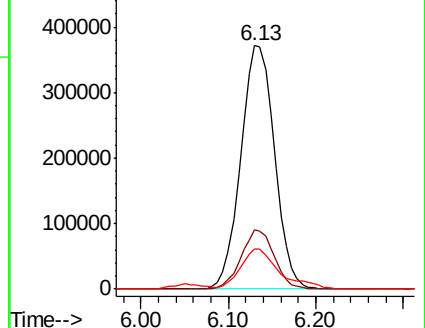
51 16.2 11.4 17.2

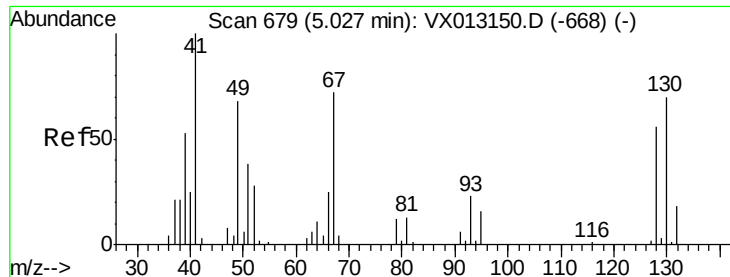


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

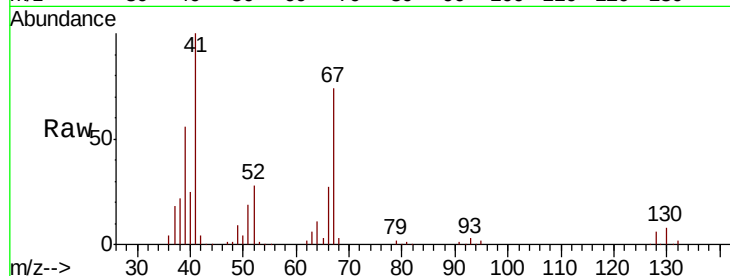




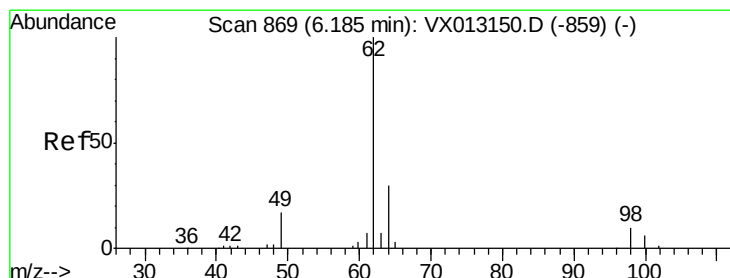
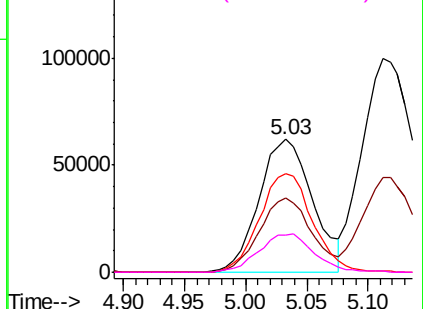
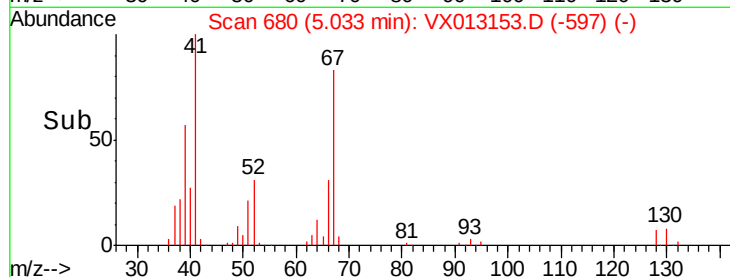
#35
Methacrylonitrile
Concen: 143.215 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 41 Resp: 190392
Ion Ratio Lower Upper
41 100
39 56.2 26.3 78.9
67 74.2 35.8 107.4
52 27.8 14.1 42.3

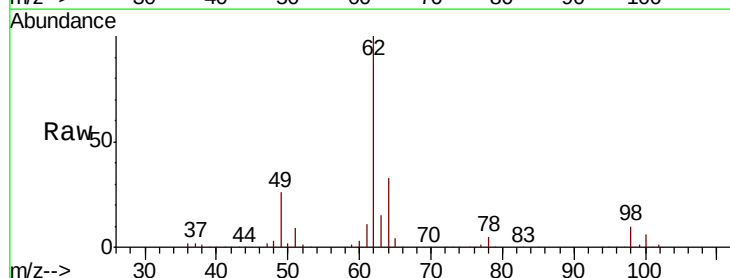


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

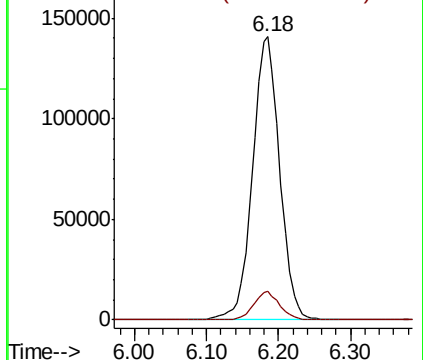
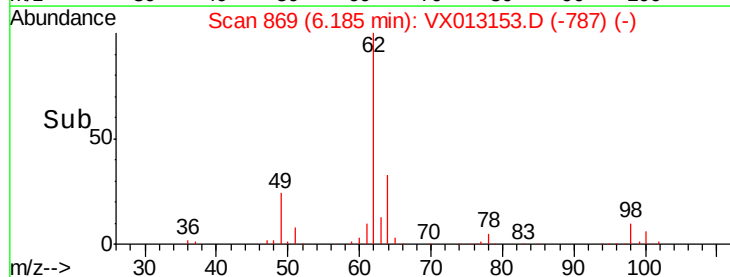


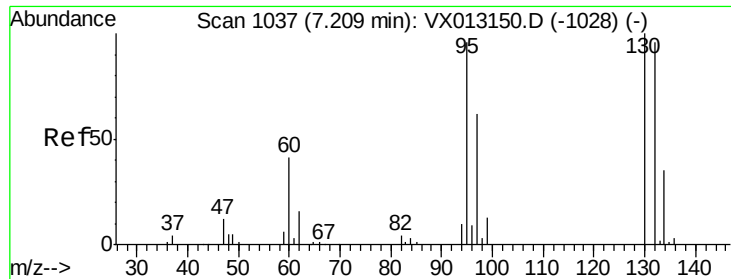
#36
1,2-Dichloroethane
Concen: 146.287 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 62 Resp: 368235
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0



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

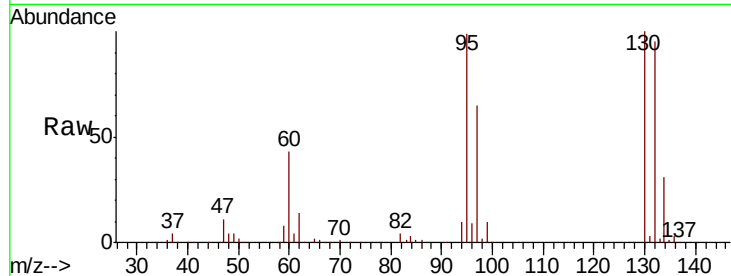




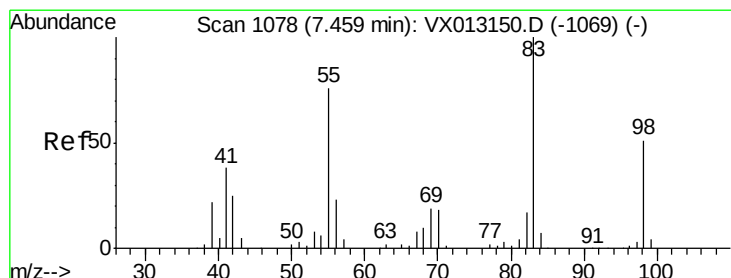
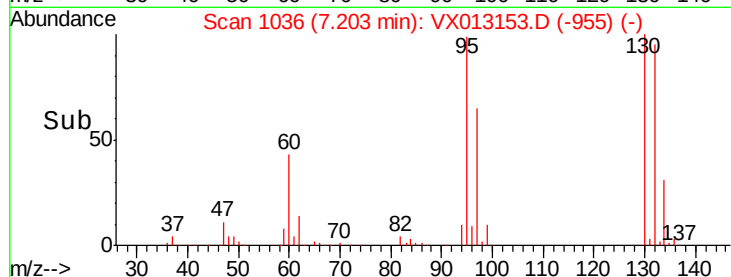
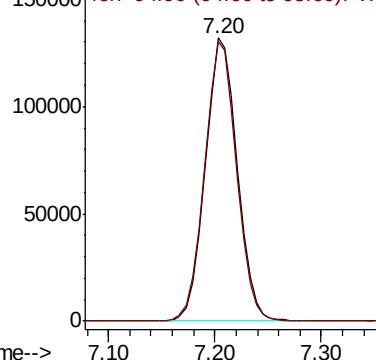
#37
 Trichloroethene
 Concen: 149.731 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:130 Resp: 278168
 Ion Ratio Lower Upper
 130 100
 95 98.6 77.0 115.6

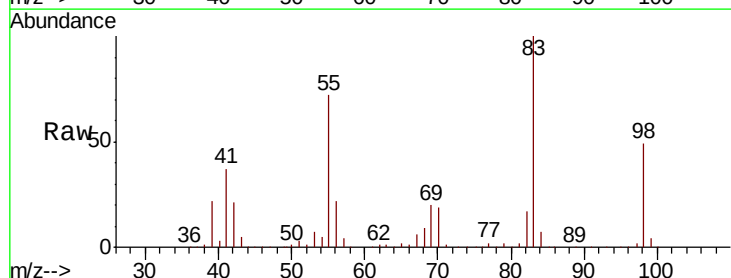


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

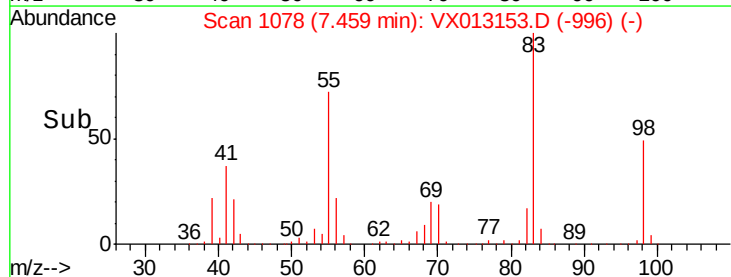
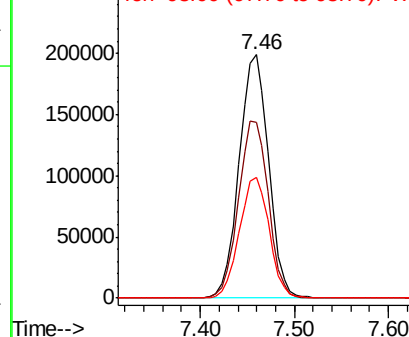


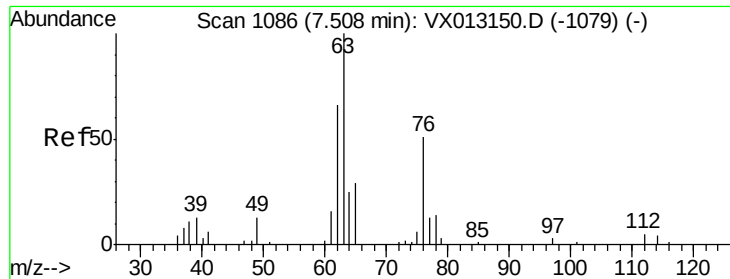
#38
 Methylcyclohexane
 Concen: 151.804 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 83 Resp: 433563
 Ion Ratio Lower Upper
 83 100
 55 73.8 37.5 112.5
 98 50.2 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

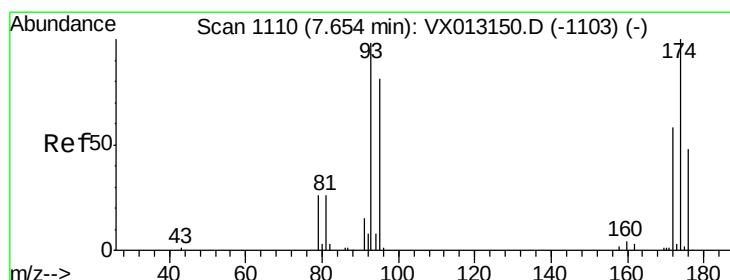
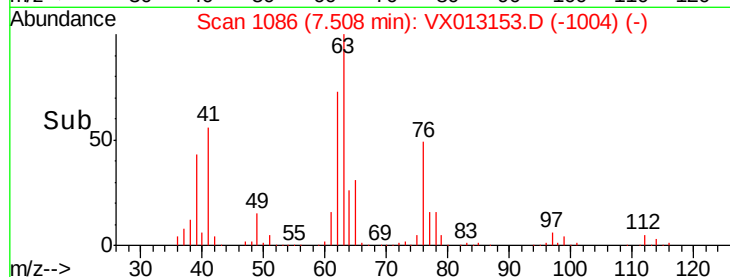
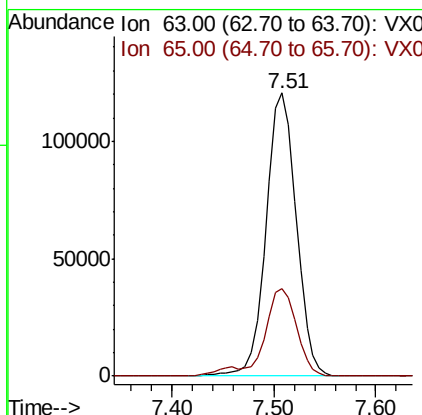
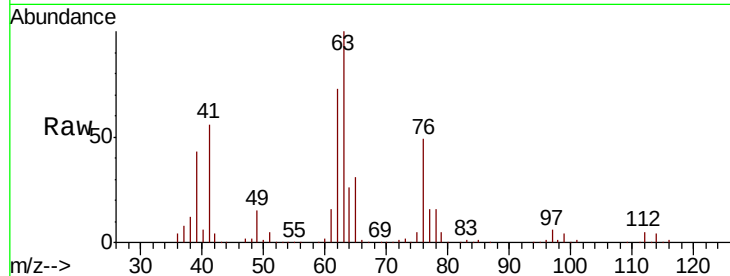




#39
 1,2-Dichloropropane
 Concen: 143.978 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

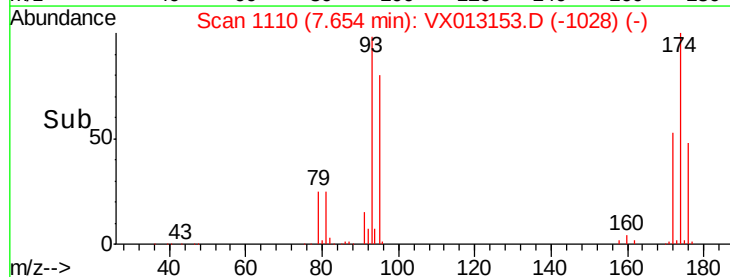
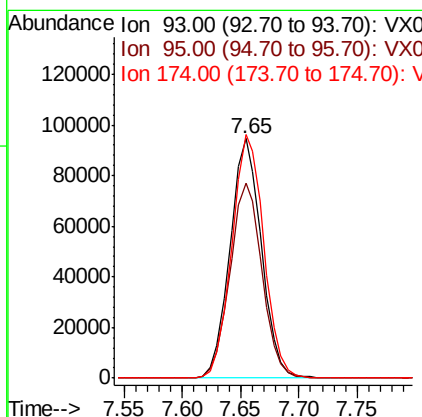
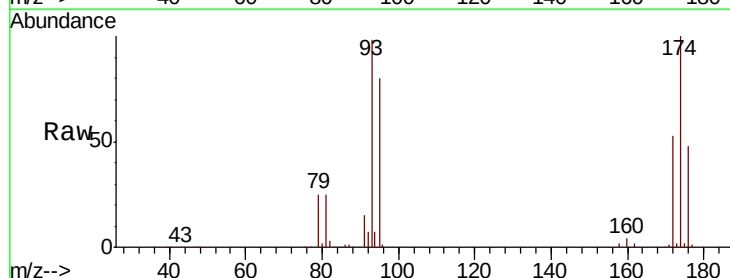
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

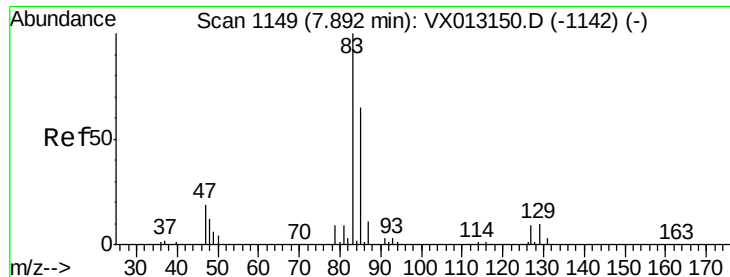
Tot Ion: 63 Resp: 247327
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#40
 Dibromomethane
 Concen: 149.738 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 93 Resp: 177849
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 166.0
 174 103.3 0.0 208.8





#41

Bromodichloromethane

Concen: 156.722 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

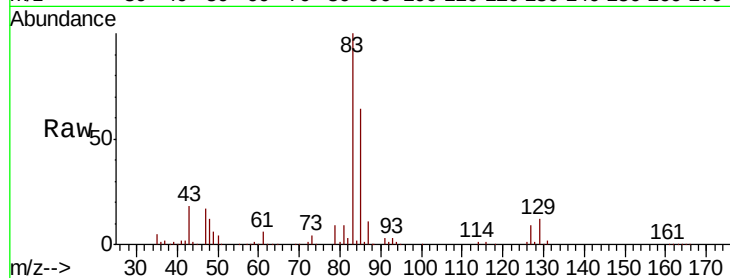
Tot Ion: 83 Resp: 369424

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1

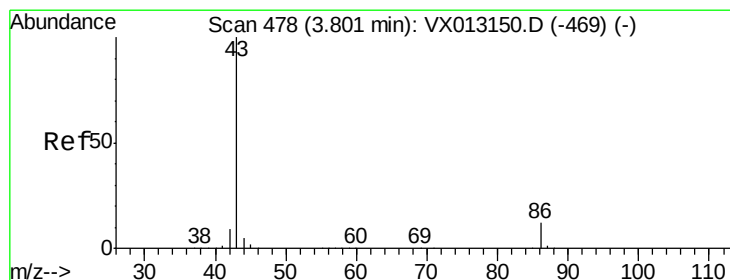
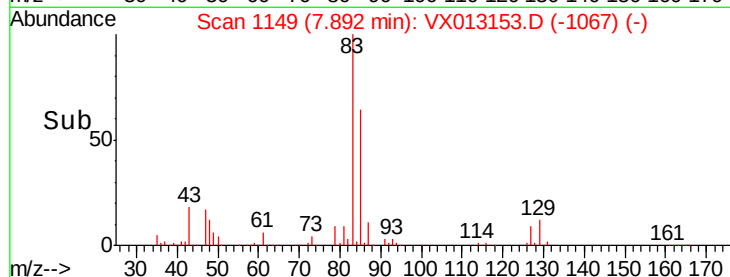
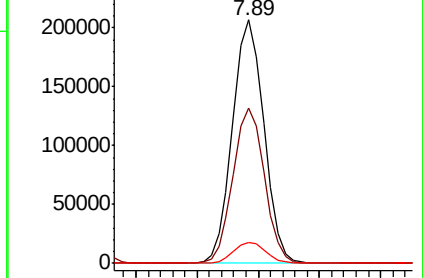
127 8.7 7.5 11.3



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: 705.773 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013153.D

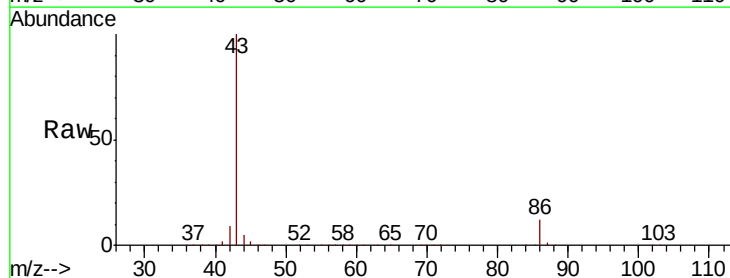
Acq: 21 Oct 2019 14:09

Tgt Ion: 43 Resp: 3145458

Ion Ratio Lower Upper

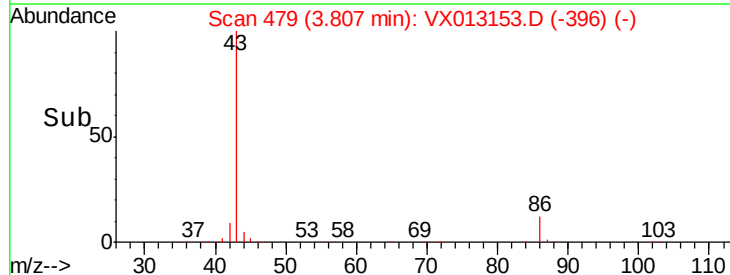
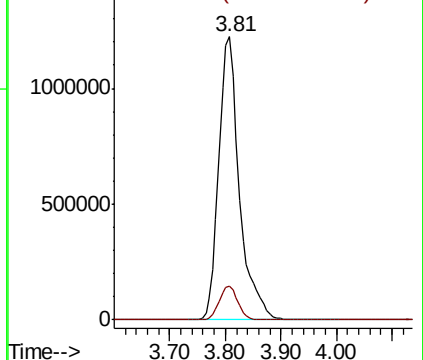
43 100

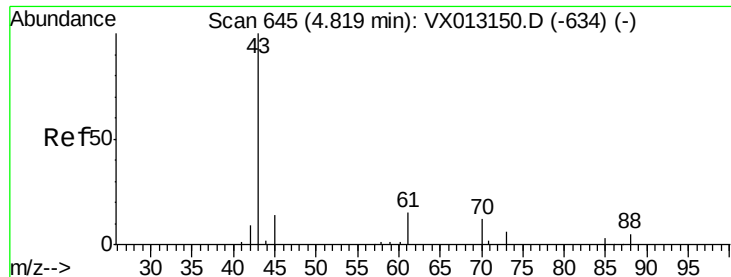
86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 136.488 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

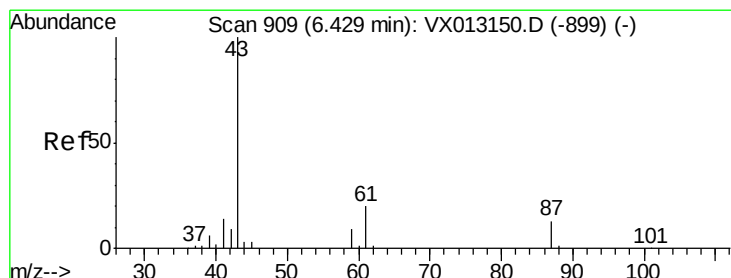
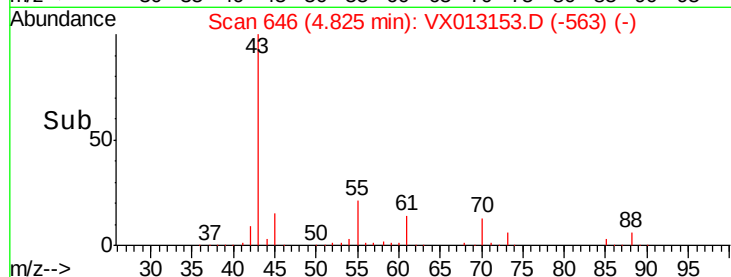
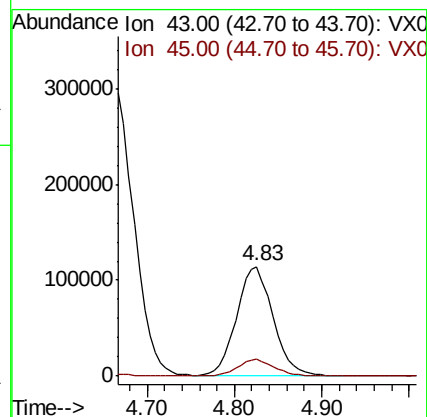
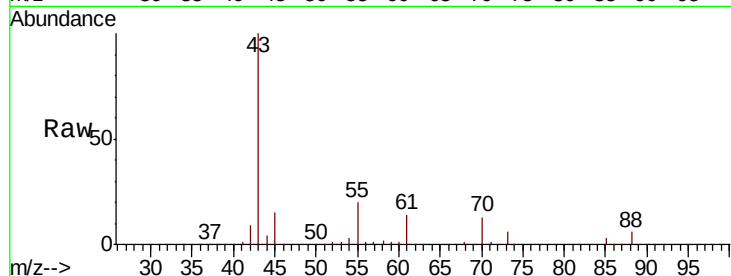
VSTDIC150

Tot Ion: 43 Resp: 332525

Ion Ratio Lower Upper

43 100

45 15.3 12.6 18.8



#44

Isopropyl Acetate

Concen: 143.676 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013153.D

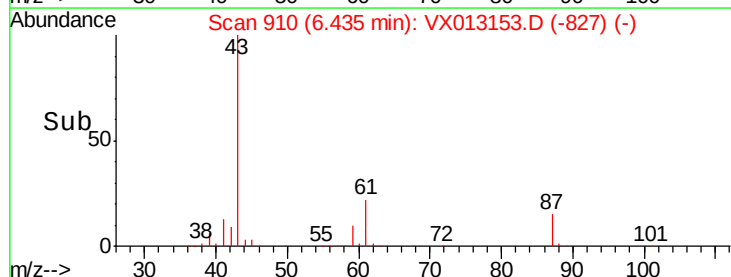
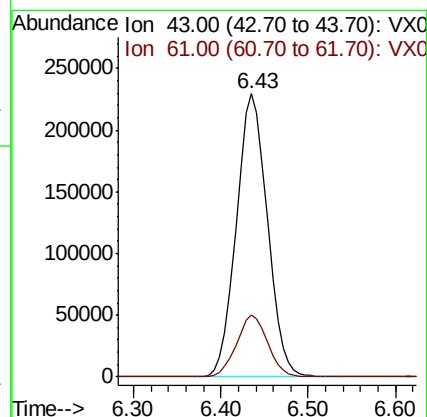
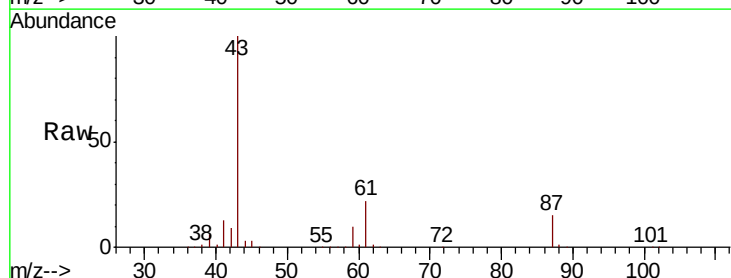
Acq: 21 Oct 2019 14:09

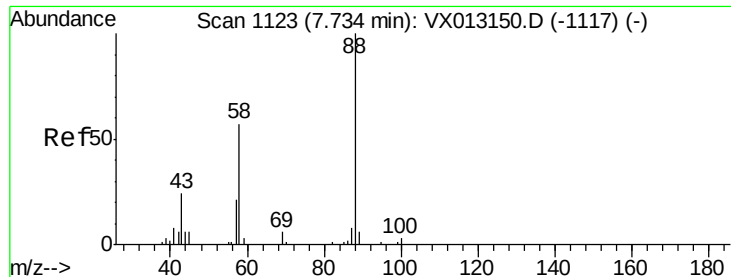
Tgt Ion: 43 Resp: 566060

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2





#45

1,4-Dioxane

Concen: 2772.596 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

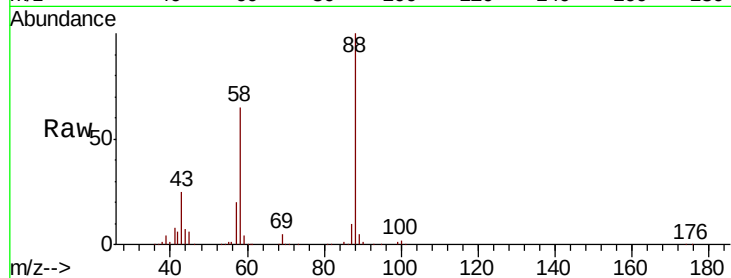
Tot Ion: 88 Resp: 136608

Ion Ratio Lower Upper

88 100

43 29.8 24.0 36.0

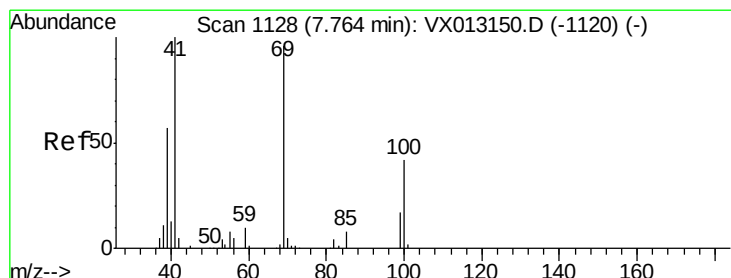
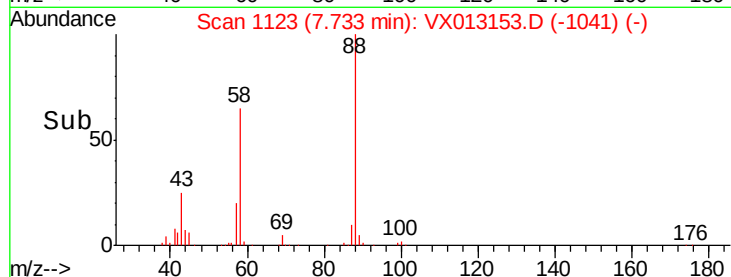
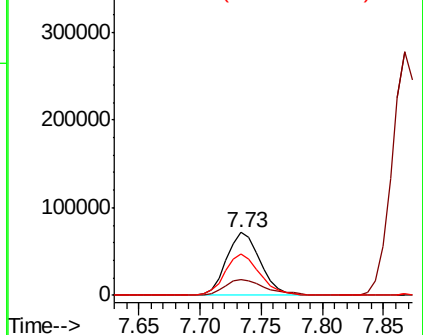
58 67.7 52.8 79.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 144.745 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

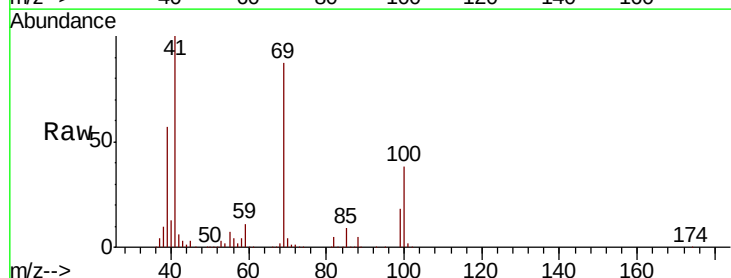
Tgt Ion: 41 Resp: 281054

Ion Ratio Lower Upper

41 100

69 87.5 47.8 143.3

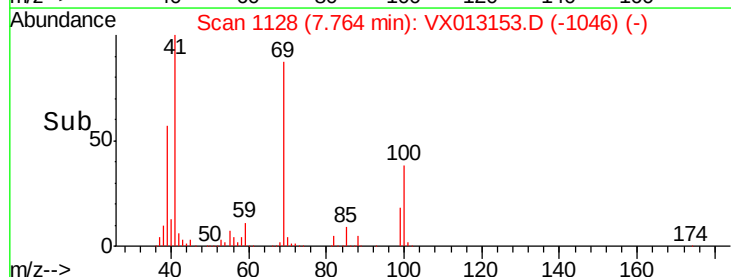
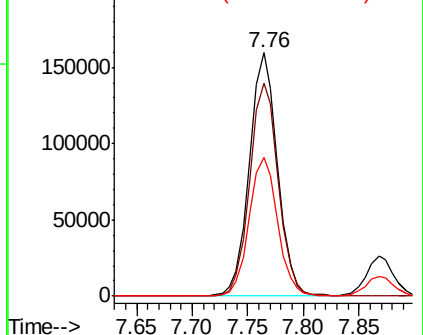
39 56.9 28.5 85.5

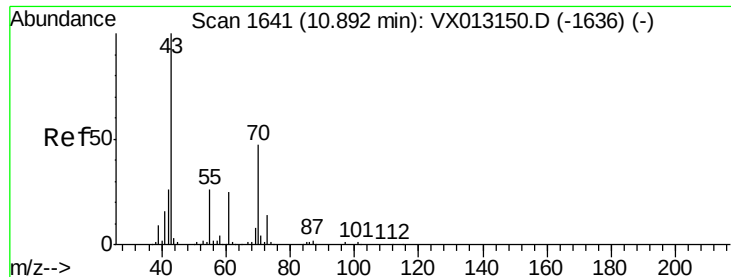


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 151.199 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

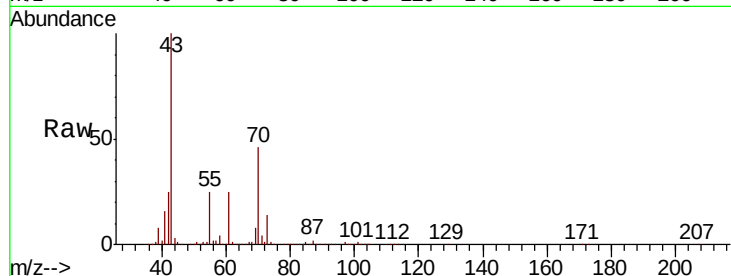
VSTDIC150

Tot Ion: 43 Resp: 507651

Ion Ratio Lower Upper

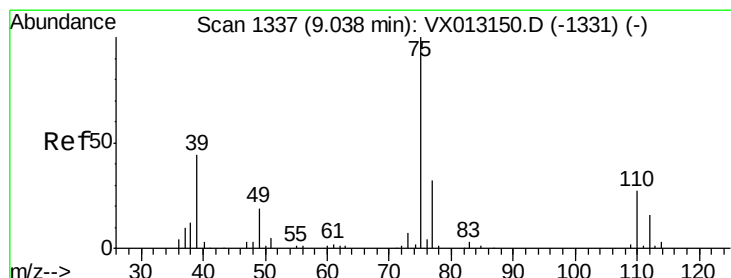
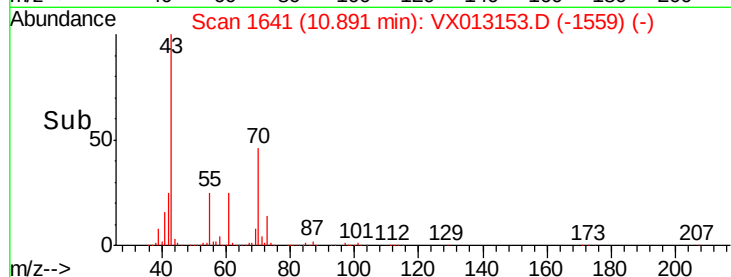
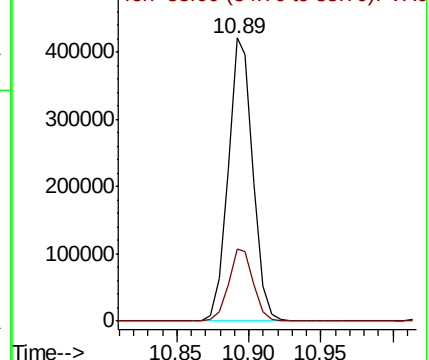
43 100

55 25.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 162.142 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013153.D

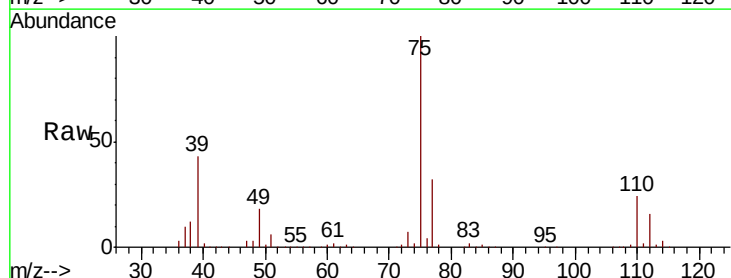
Acq: 21 Oct 2019 14:09

Tgt Ion: 75 Resp: 422443

Ion Ratio Lower Upper

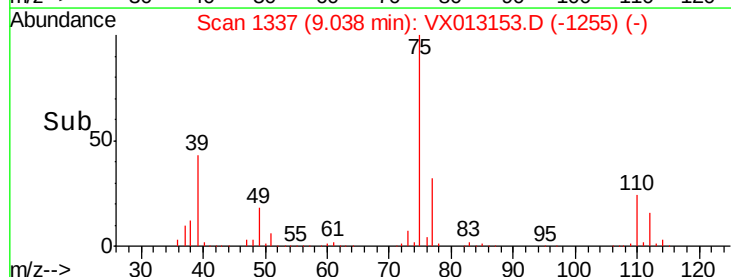
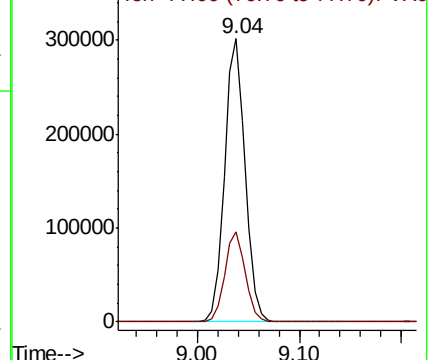
75 100

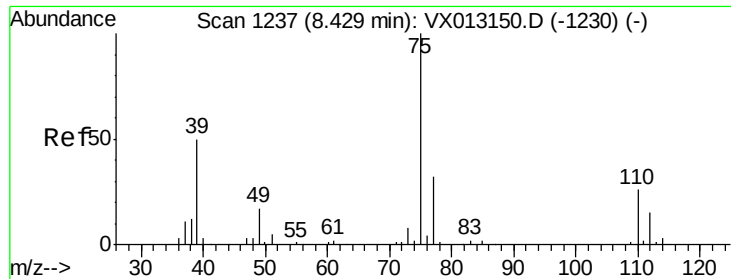
77 31.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

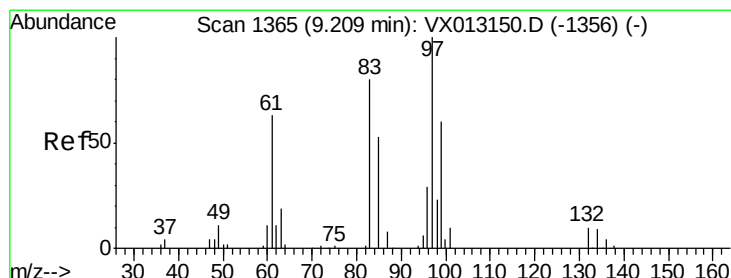
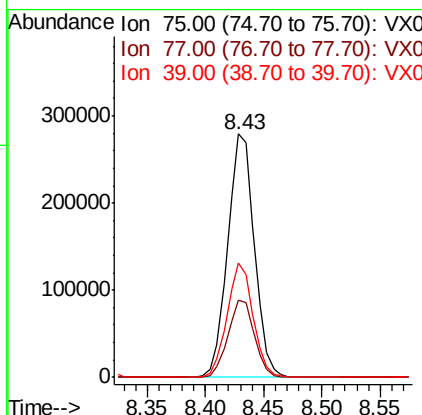
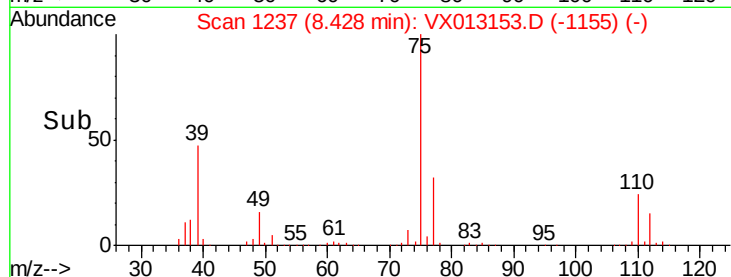
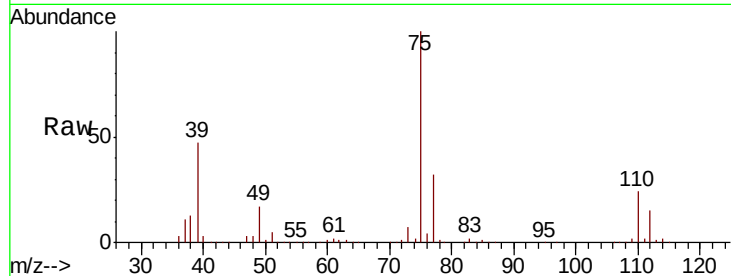




#49
 cis-1,3-Dichloropropene
 Concen: 154.994 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

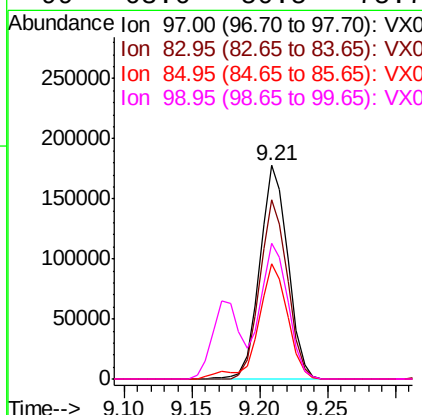
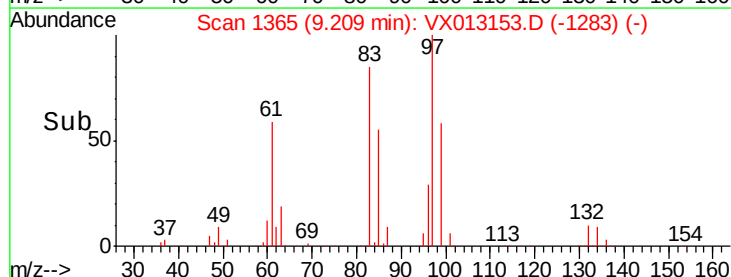
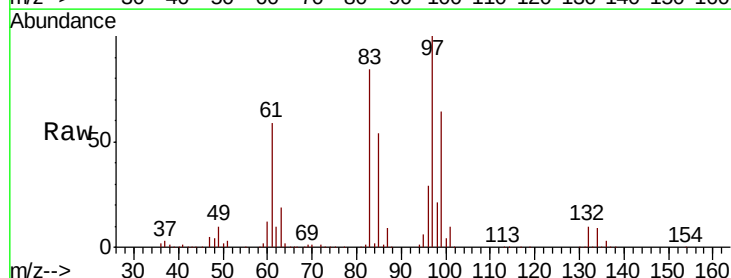
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

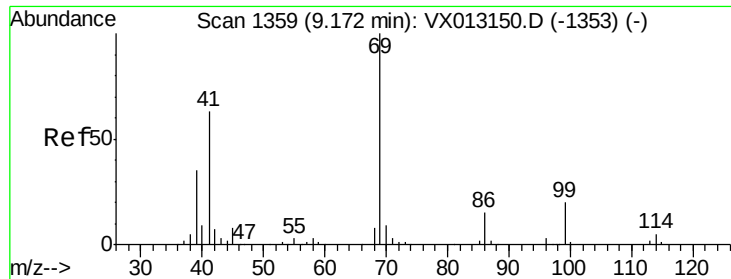
Tot Ion: 75 Resp: 443789
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 46.9 39.7 59.5



#50
 1,1,2-Trichloroethane
 Concen: 145.600 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 97 Resp: 259439
 Ion Ratio Lower Upper
 97 100
 83 83.9 64.2 96.4
 85 53.9 42.7 64.1
 99 63.6 50.5 75.7





#51

Ethyl methacrylate

Concen: 155.208 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

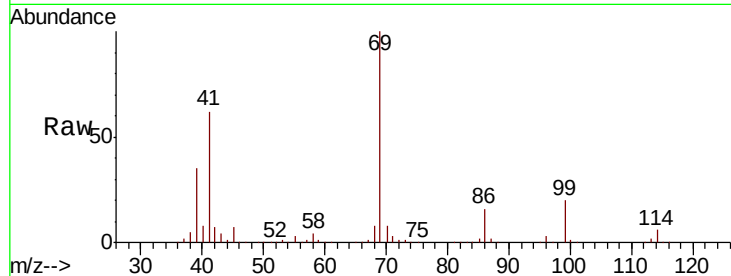
Tot Ion: 69 Resp: 434362

Ion Ratio Lower Upper

69 100

41 61.7 31.6 95.0

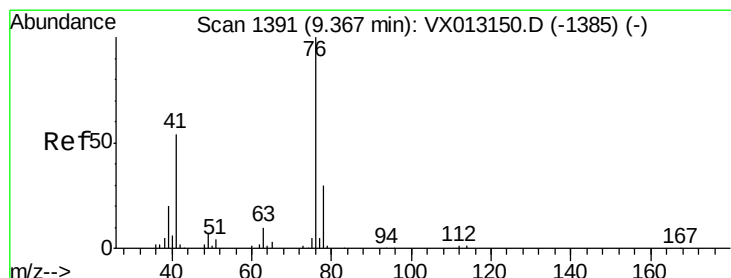
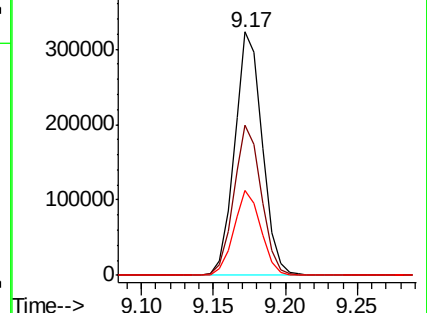
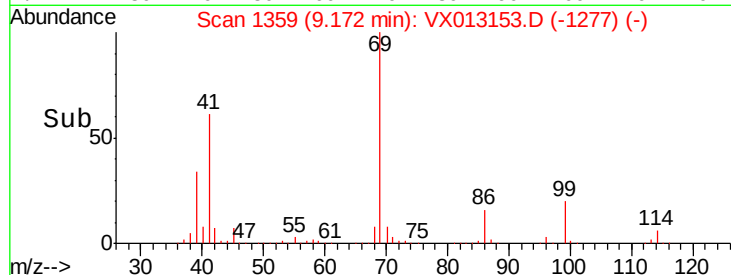
39 34.6 17.7 53.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 145.874 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013153.D

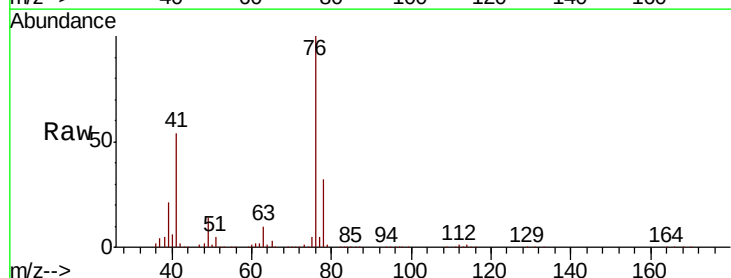
Acq: 21 Oct 2019 14:09

Tgt Ion: 76 Resp: 435032

Ion Ratio Lower Upper

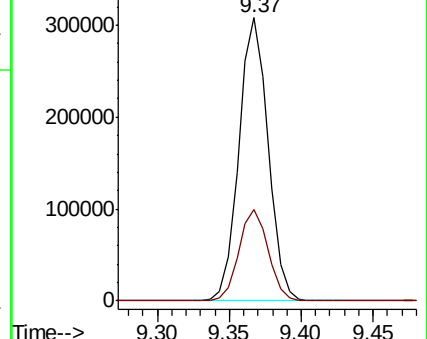
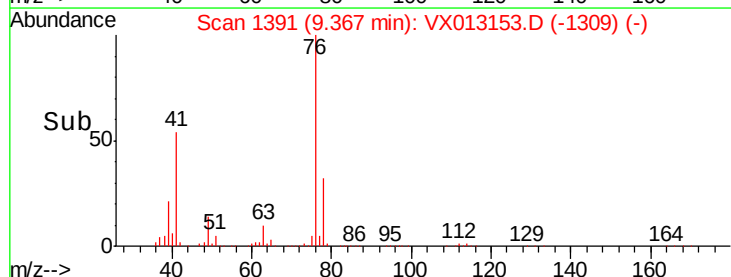
76 100

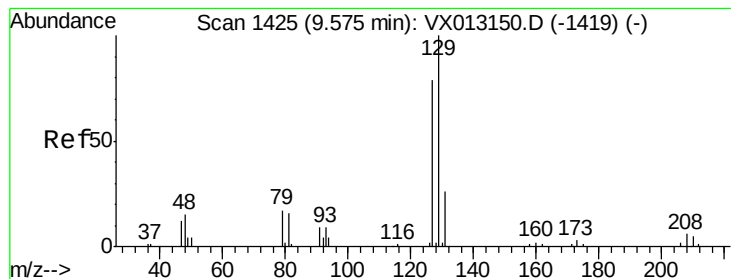
78 32.2 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 163.434 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

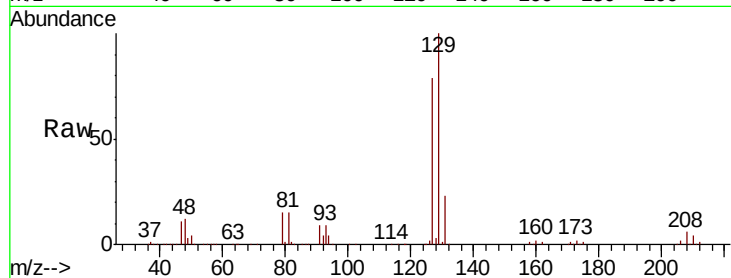
VSTDIC150

Tot Ion:129 Resp: 300976

Ion Ratio Lower Upper

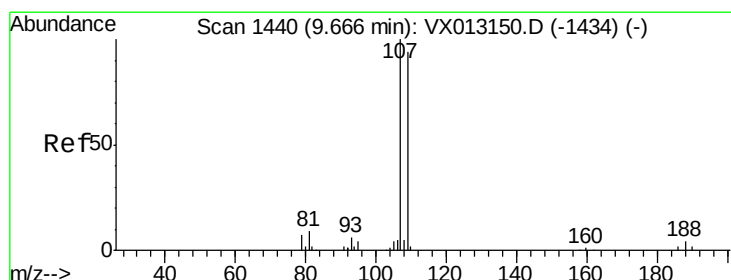
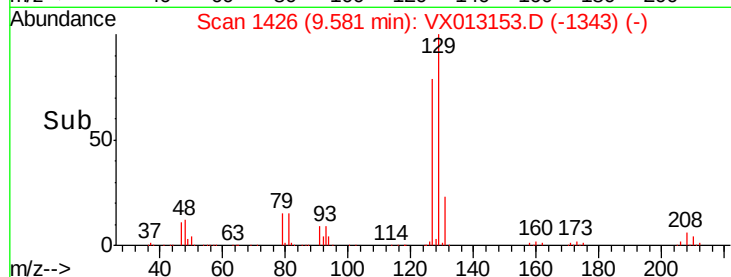
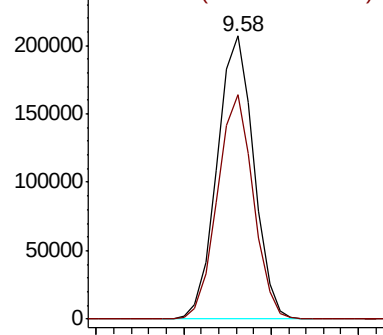
129 100

127 77.8 39.4 118.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 149.036 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013153.D

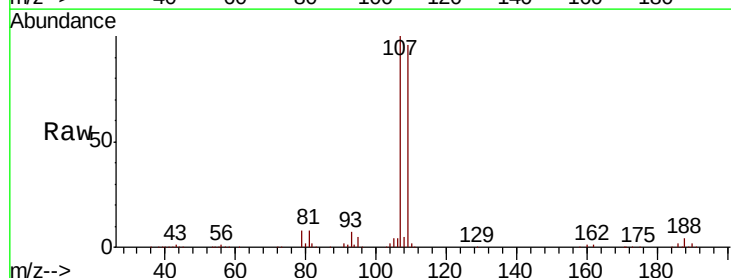
Acq: 21 Oct 2019 14:09

Tgt Ion:107 Resp: 279095

Ion Ratio Lower Upper

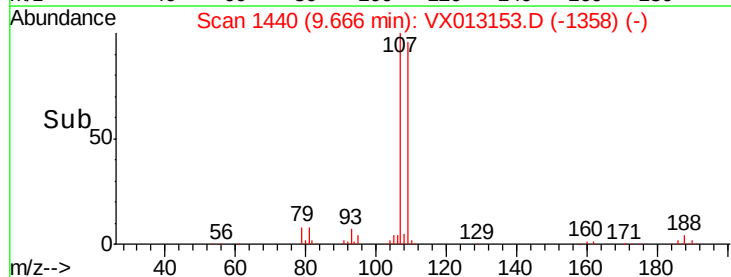
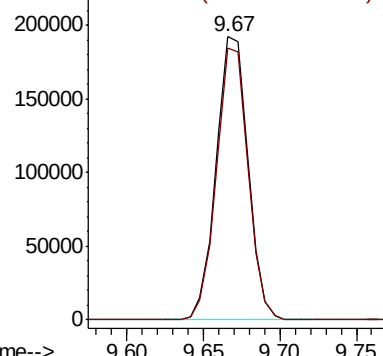
107 100

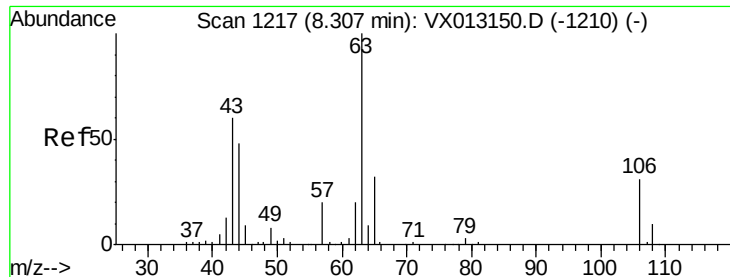
109 95.0 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

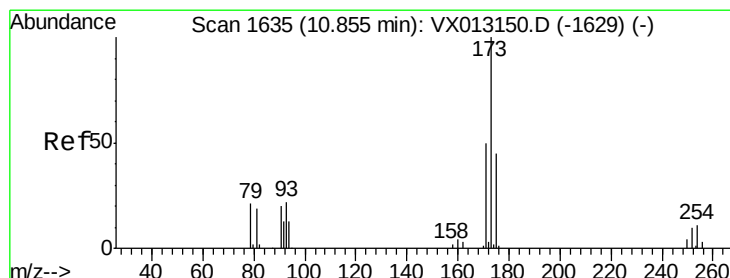
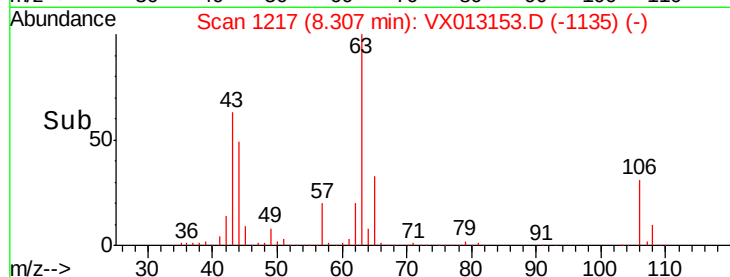
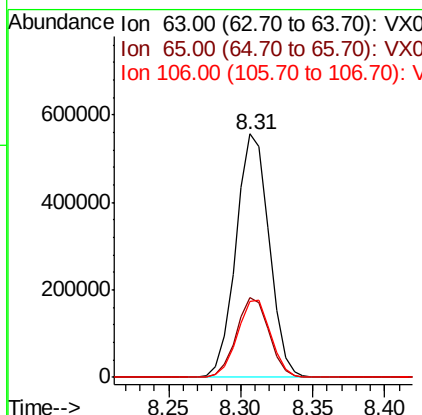
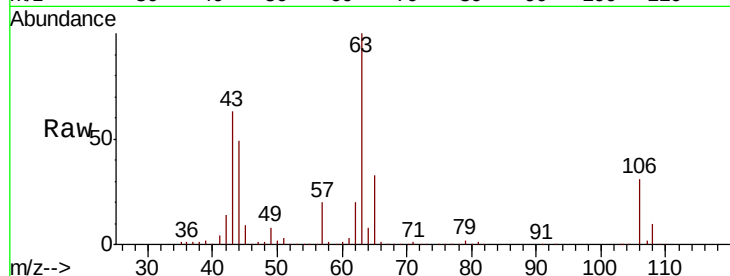




#55
2-Chloroethyl vinyl ether
Concen: 740.595 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

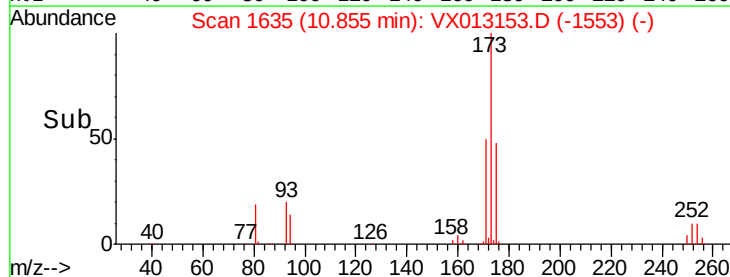
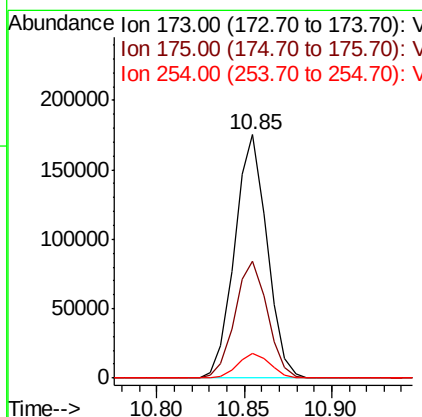
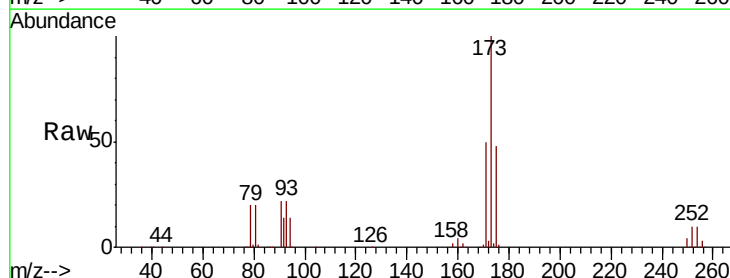
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

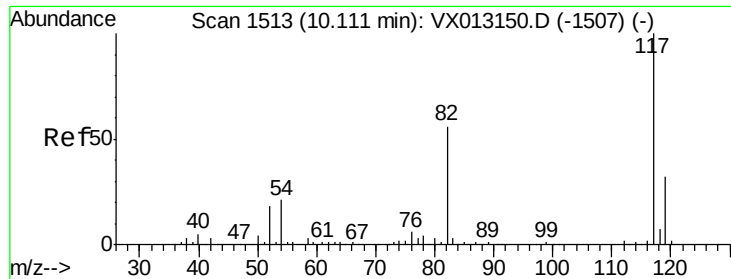
Tot Ion: 63 Resp: 891678
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 31.7 24.8 37.2



#56
Bromoform
Concen: 175.742 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 173 Resp: 225803
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 10.4 8.1 12.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

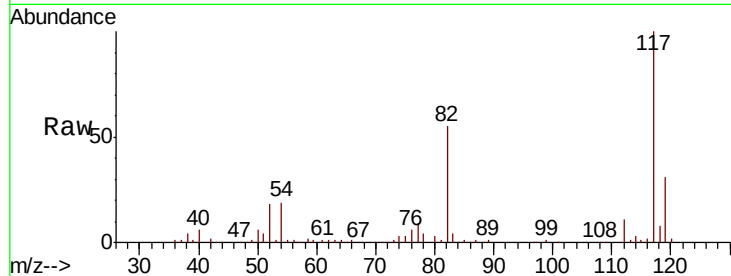
Tot Ion:117 Resp: 139544

Ion Ratio Lower Upper

117 100

82 57.5 46.0 69.0

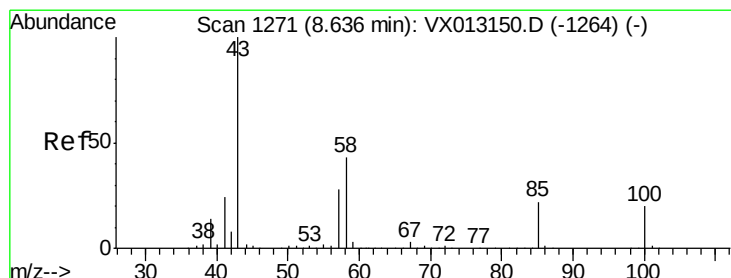
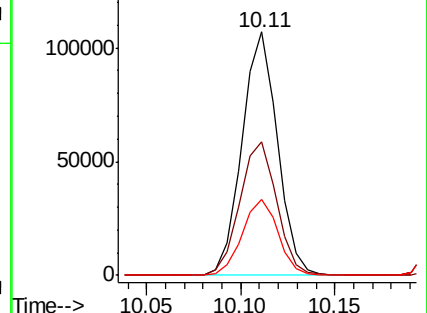
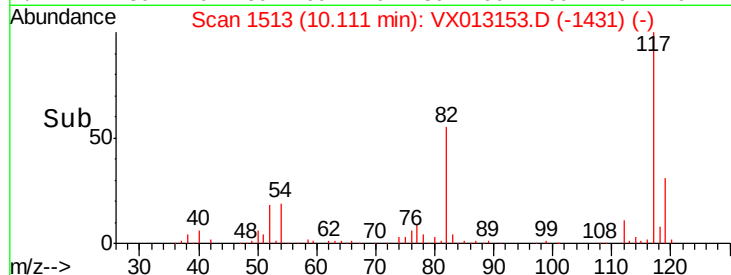
119 31.7 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 679.704 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

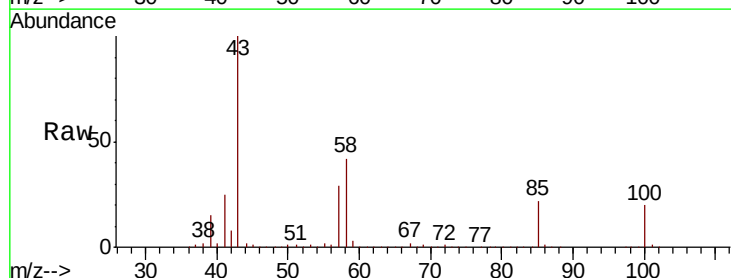
Tgt Ion: 43 Resp: 1709323

Ion Ratio Lower Upper

43 100

58 42.1 33.8 50.8

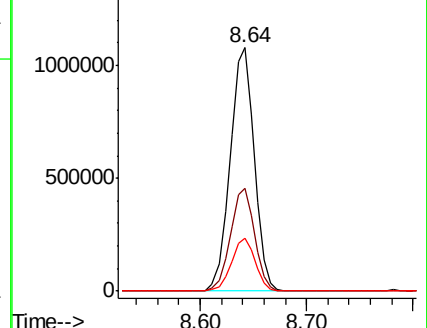
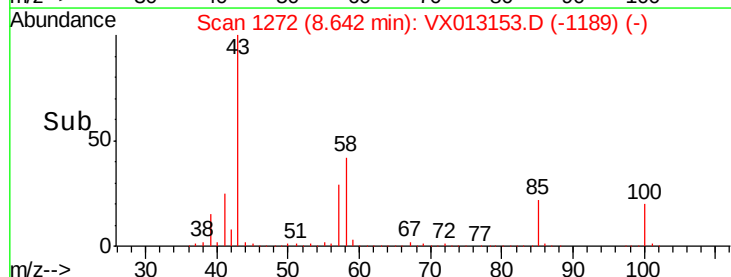
85 21.3 16.8 25.2

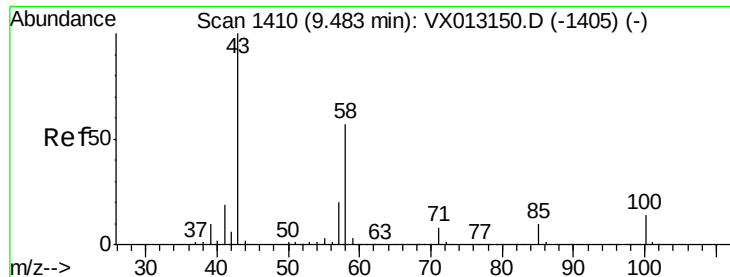


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

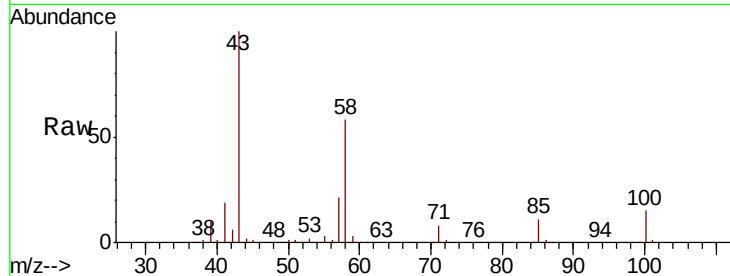




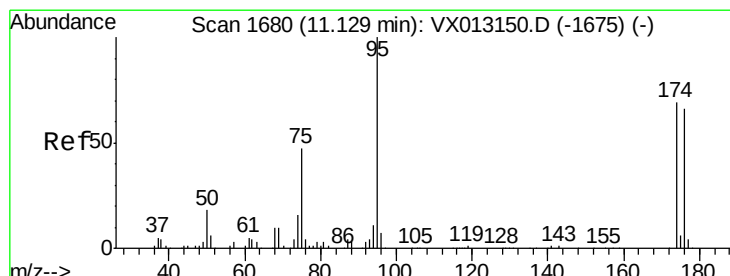
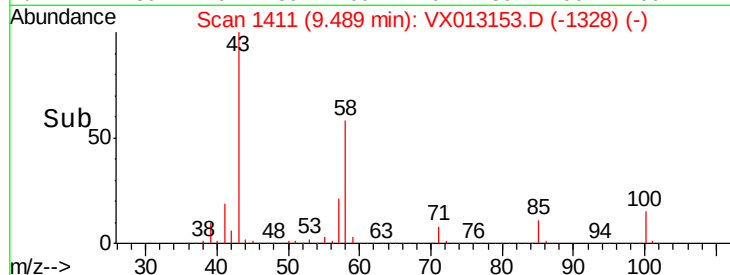
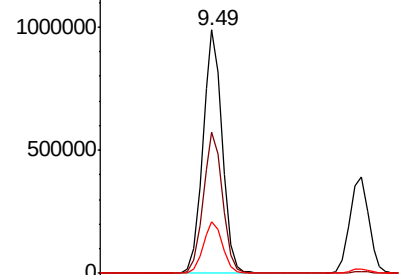
#59
2-Hexanone
Concen: 671.373 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1314968
Ion Ratio Lower Upper
43 100
58 57.9 46.6 69.8
57 21.5 16.9 25.3

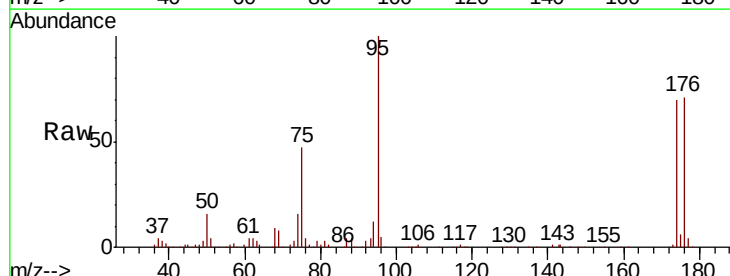


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

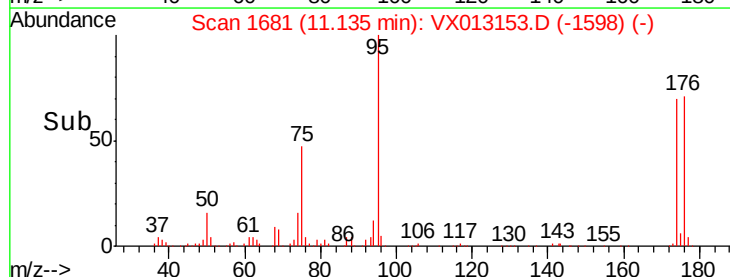
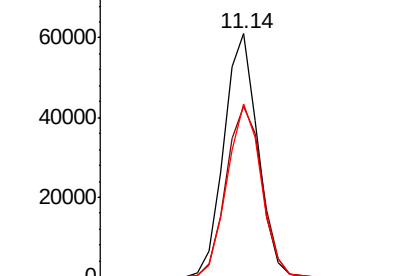


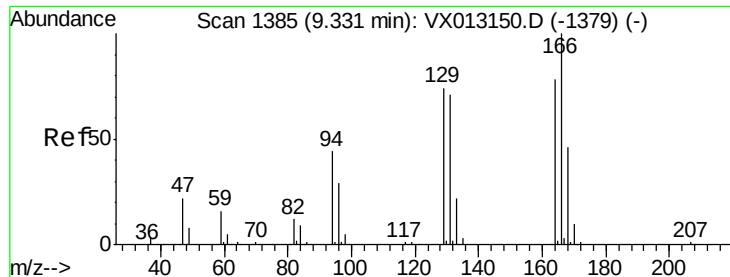
#60
4-Bromofluorobenzene
Concen: 31.073 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 95 Resp: 75874
Ion Ratio Lower Upper
95 100
174 74.6 60.0 90.0
176 72.0 58.5 87.7



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

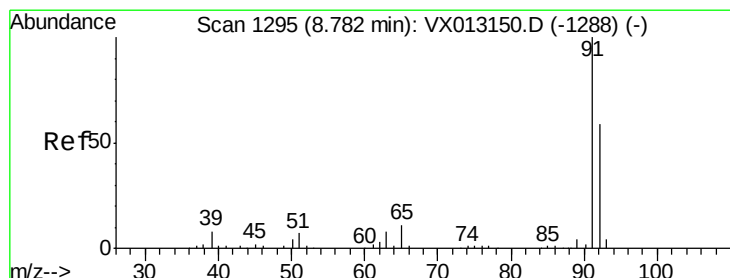
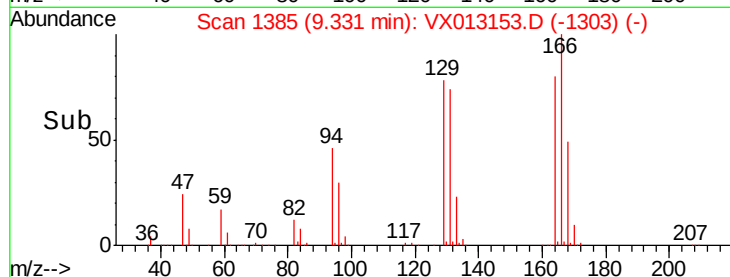
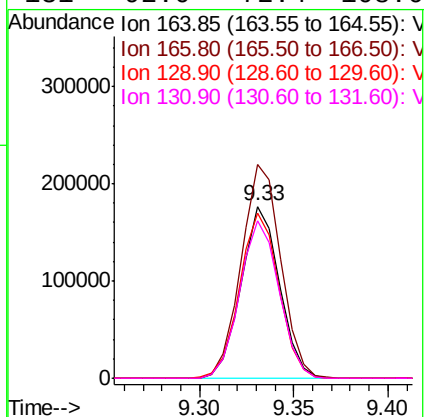
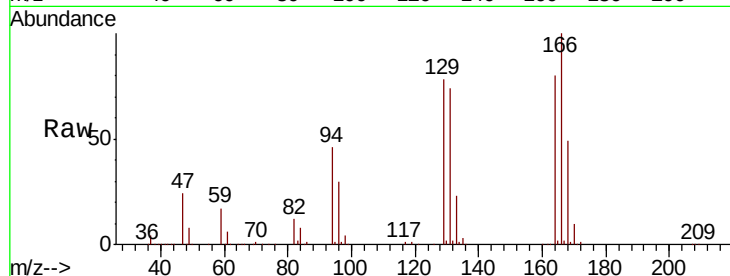




#61
Tetrachloroethene
Concen: 139.494 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

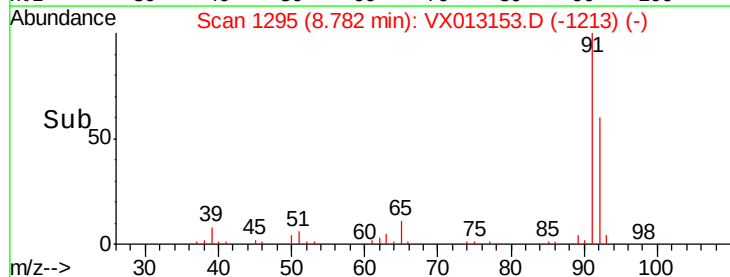
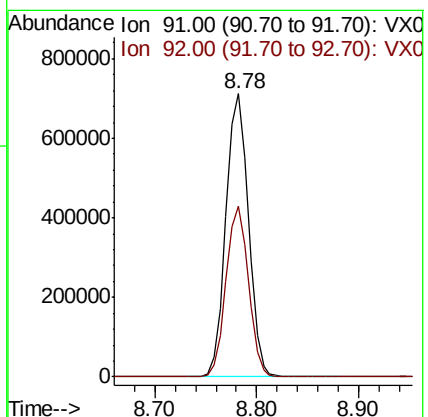
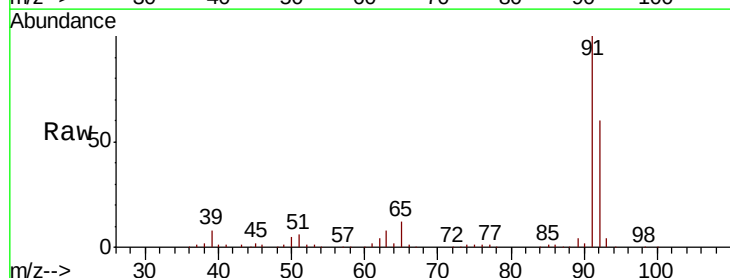
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

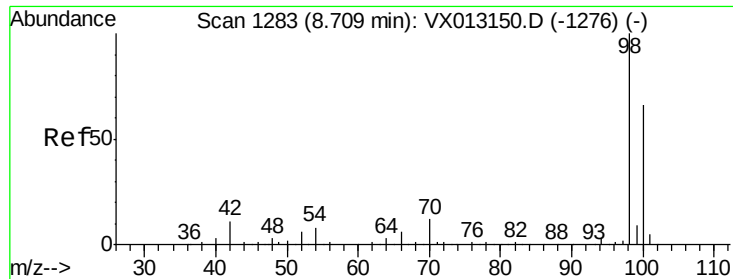
Tot Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.6	153.8
129	96.3	75.7	113.5
131	92.0	72.4	108.6



#62
Toluene
Concen: 143.613 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.7	71.5

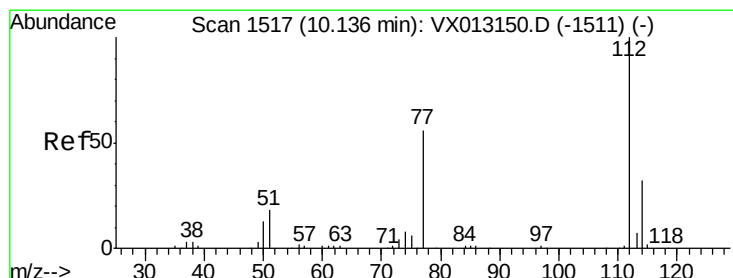
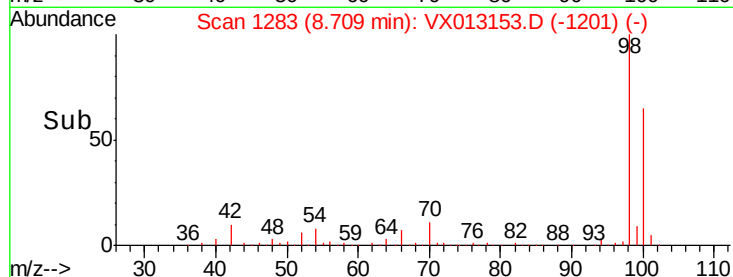
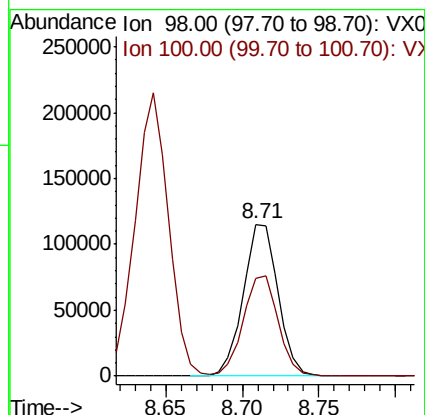
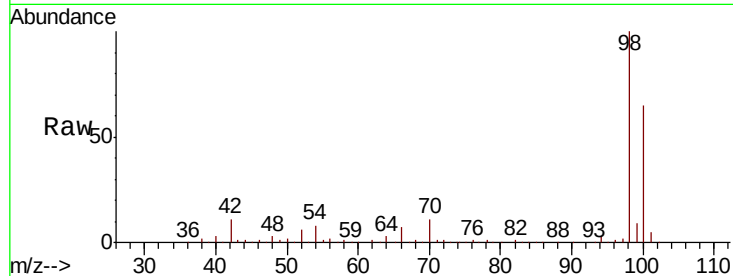




#63
Toluene-d8
Concen: 28.704 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

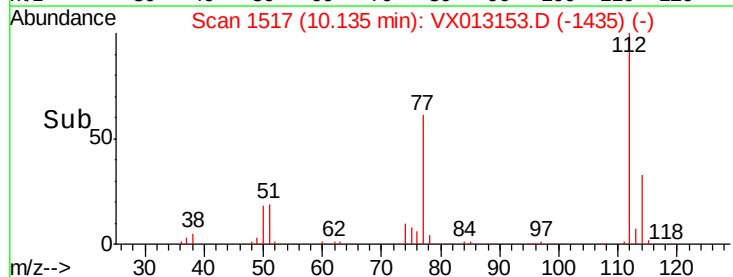
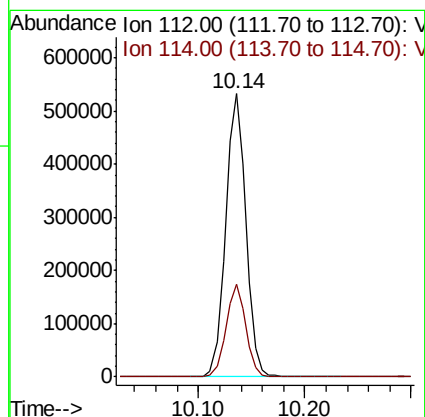
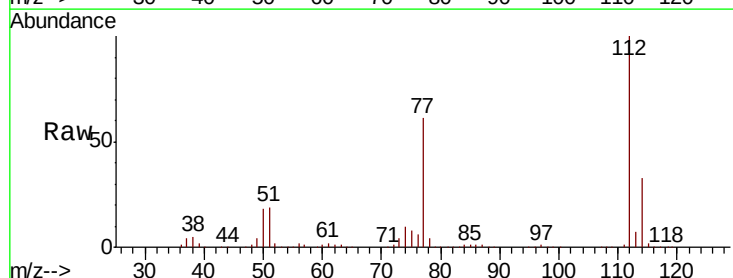
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

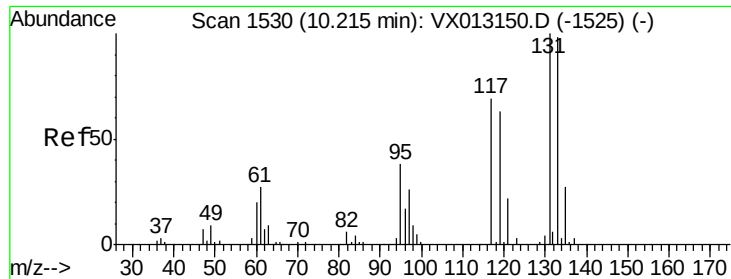
Tot Ion: 98 Resp: 182010
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#64
Chlorobenzene
Concen: 146.502 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 112 Resp: 706841
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

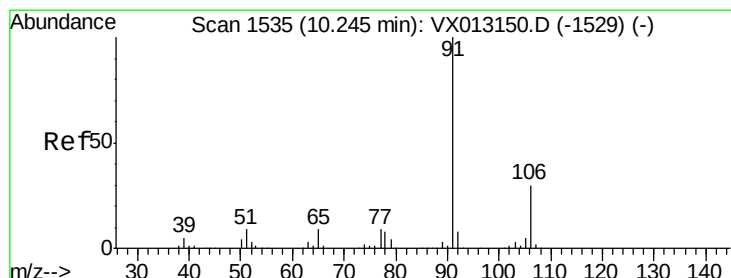
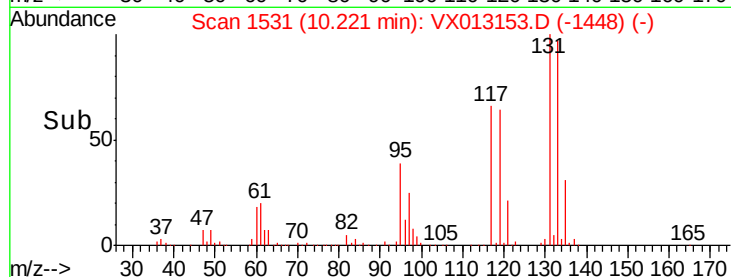
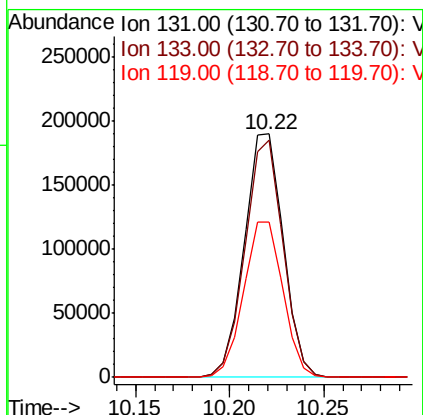
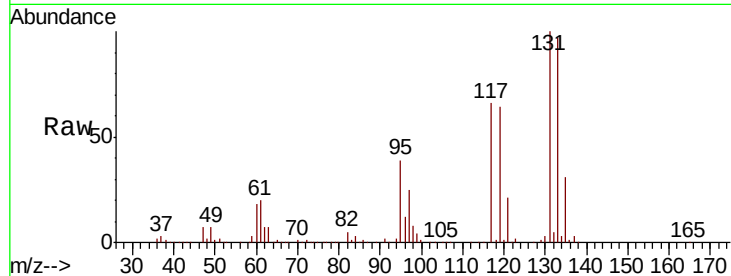




#65
 1,1,1,2-Tetrachloroethane
 Concen: 153.178 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

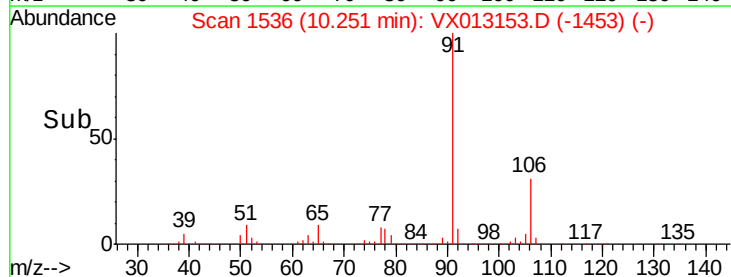
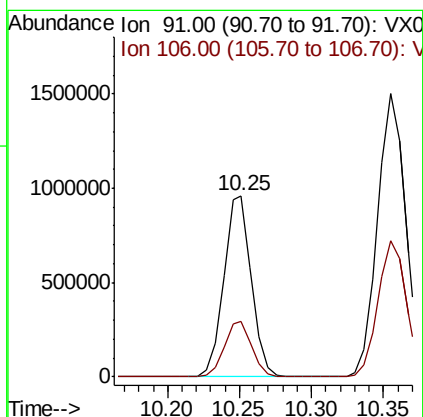
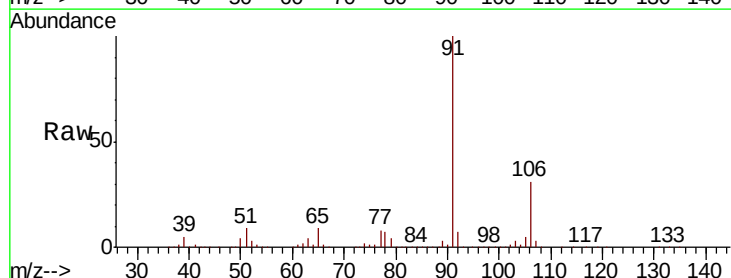
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

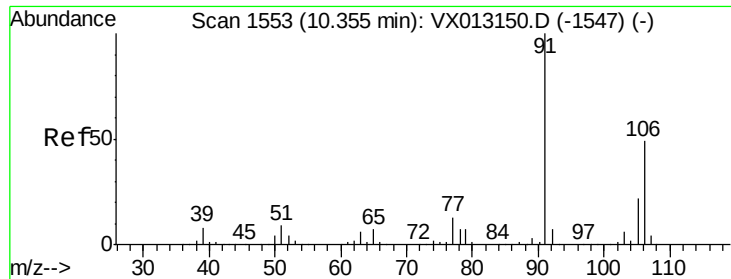
Tot Ion:131 Resp: 273079
 Ion Ratio Lower Upper
 131 100
 133 95.0 0.0 191.0
 119 64.2 0.0 125.6



#66
 Ethyl Benzene
 Concen: 148.061 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 91 Resp: 1285934
 Ion Ratio Lower Upper
 91 100
 106 30.8 23.8 35.6





#67

m/p-Xylenes

Concen: 296.603 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

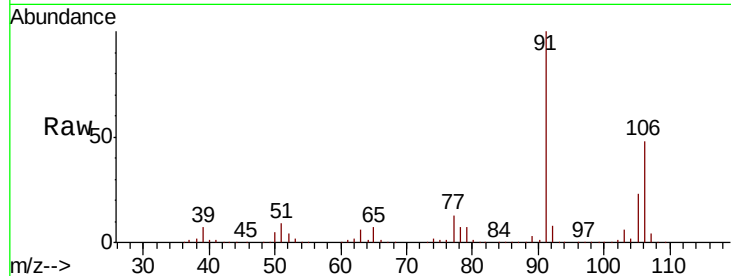
VSTDIC150

Tot Ion:106 Resp: 971064

Ion Ratio Lower Upper

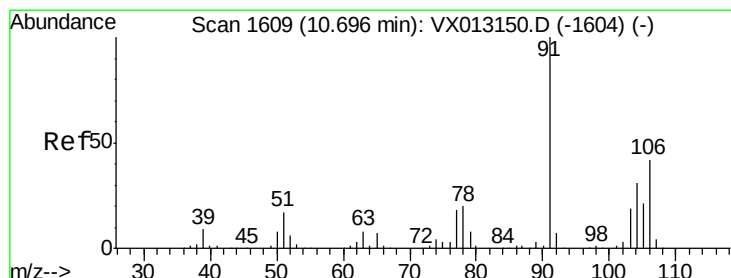
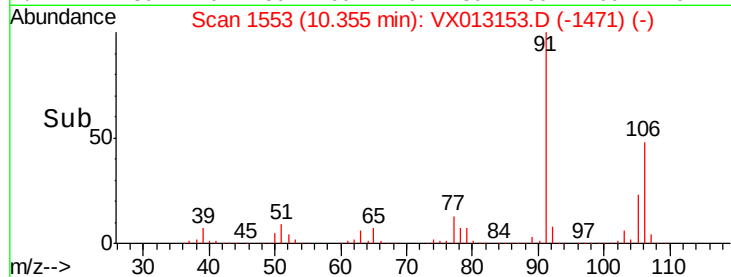
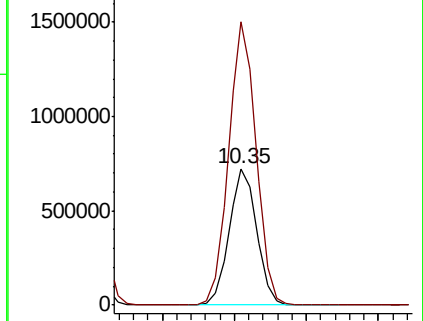
106 100

91 206.8 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 147.908 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013153.D

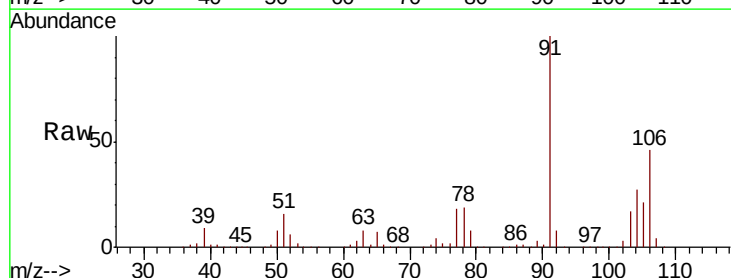
Acq: 21 Oct 2019 14:09

Tgt Ion:106 Resp: 466813

Ion Ratio Lower Upper

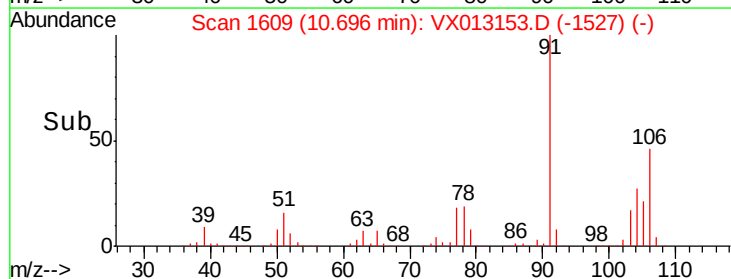
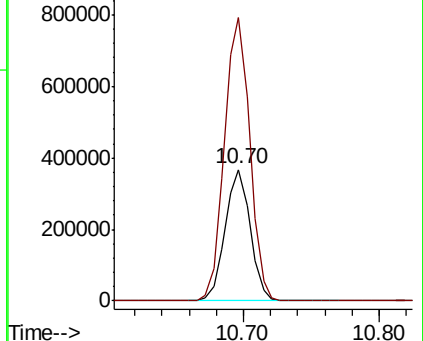
106 100

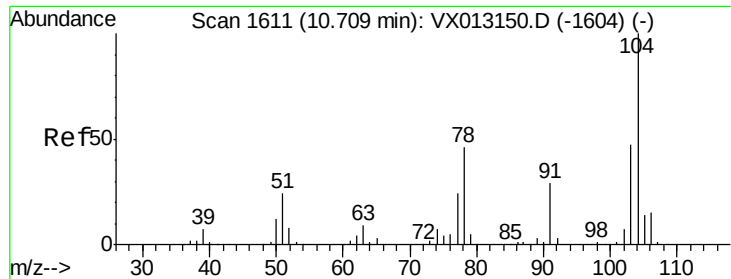
91 219.3 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

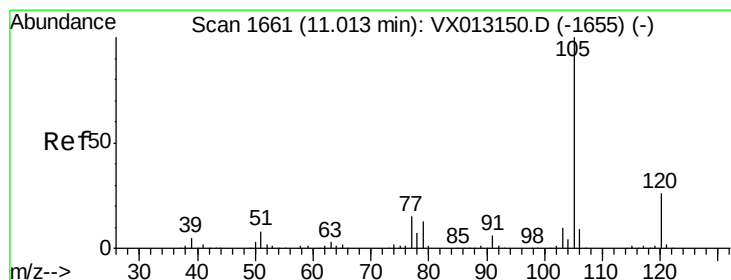
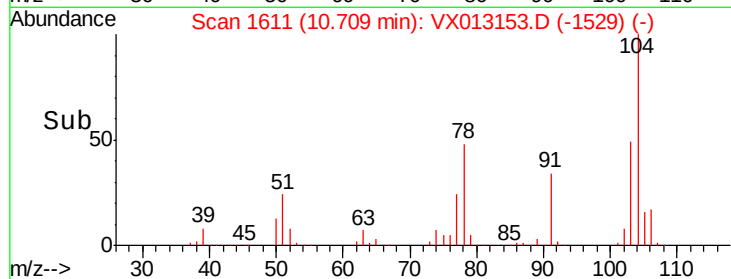
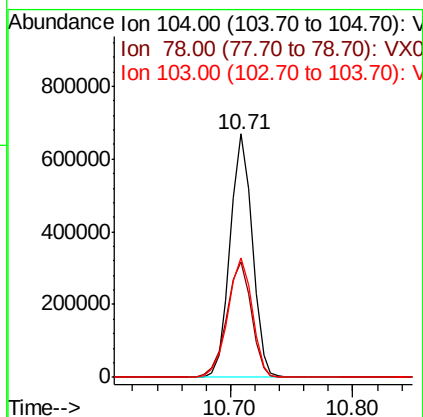
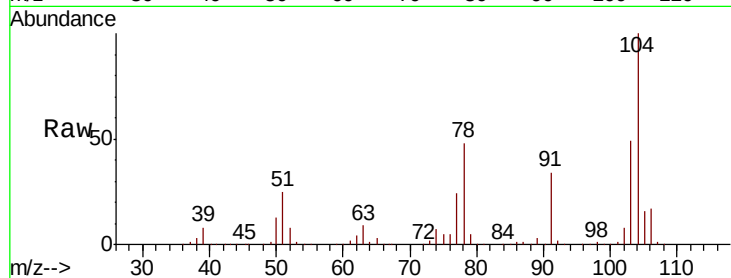




#69
Stvrene
Concen: 151.848 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

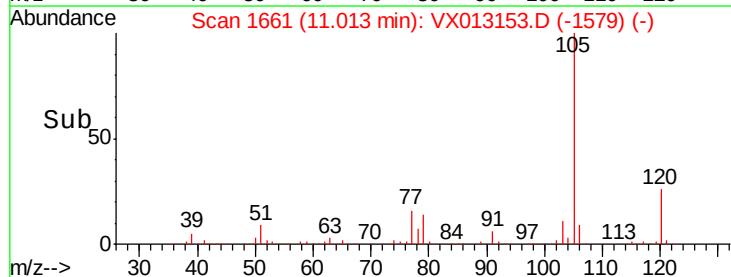
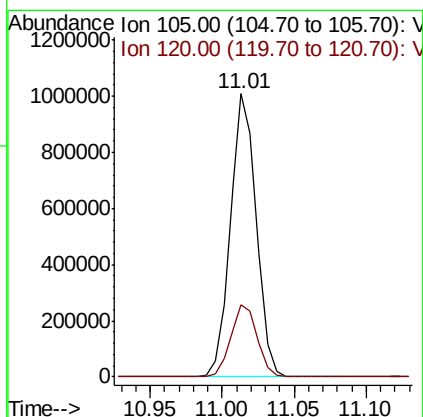
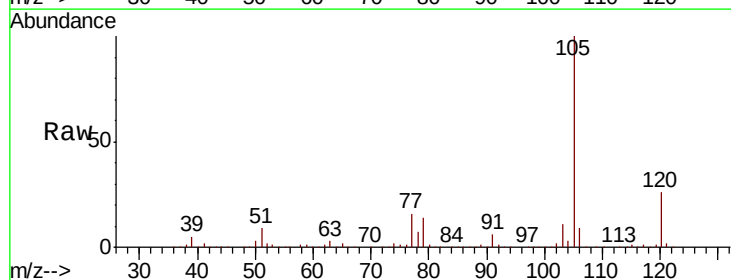
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

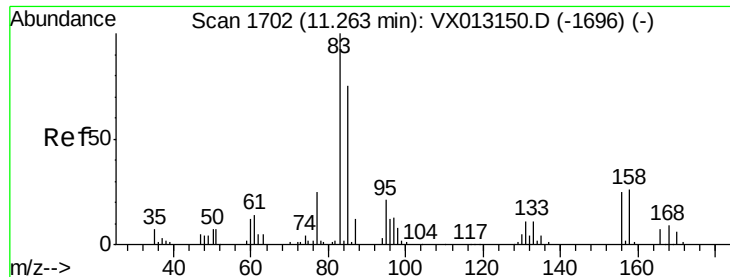
Tot Ion:104 Resp: 832235
Ion Ratio Lower Upper
104 100
78 53.0 42.3 63.5
103 54.0 42.2 63.2



#70
Isopropylbenzene
Concen: 148.561 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion:105 Resp: 1269627
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.7

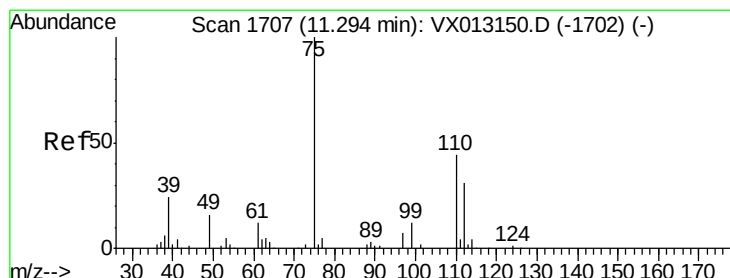
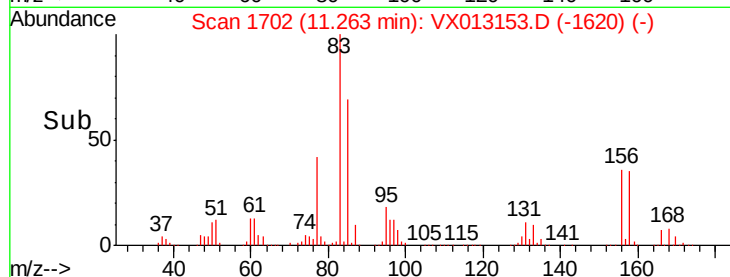
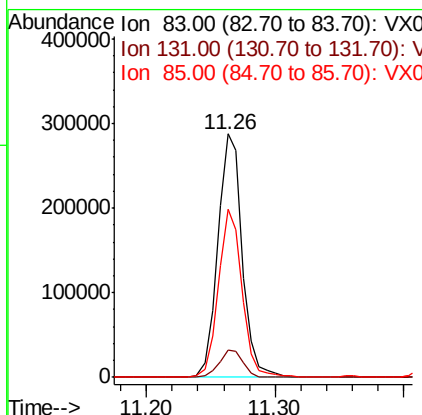
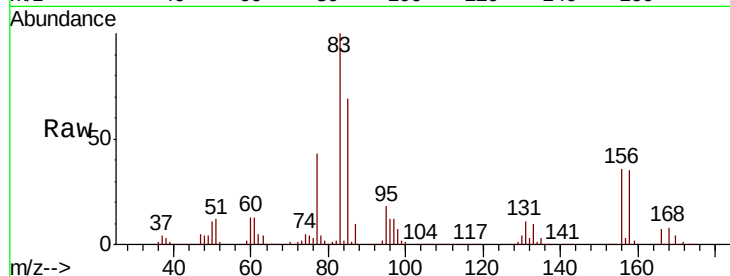




#71
 1,1,2,2-Tetrachloroethane
 Concen: 140.189 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

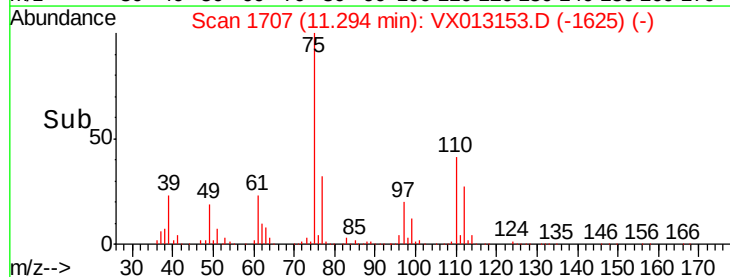
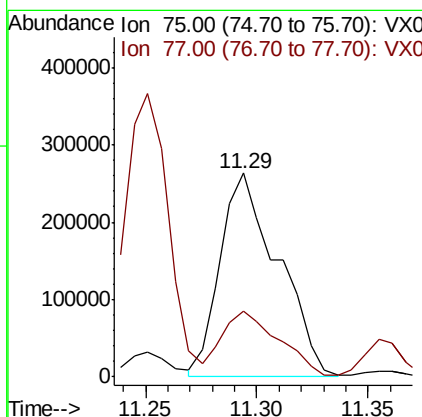
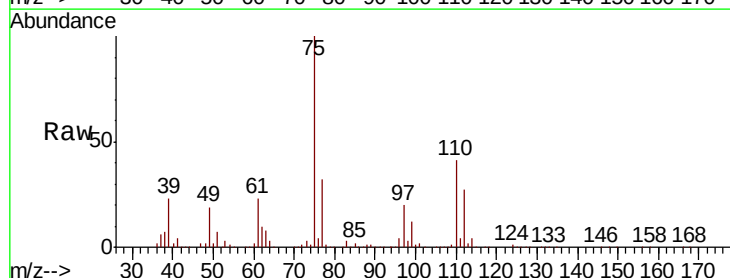
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

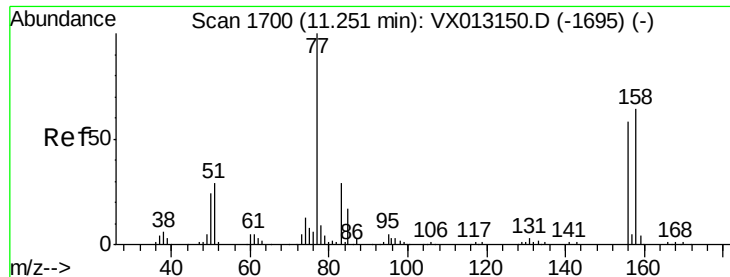
Tot Ion: 83 Resp: 382887
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 67.2 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 201.583 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 75 Resp: 476796
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 74.0

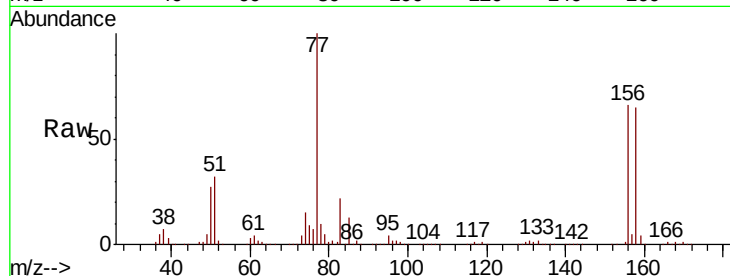




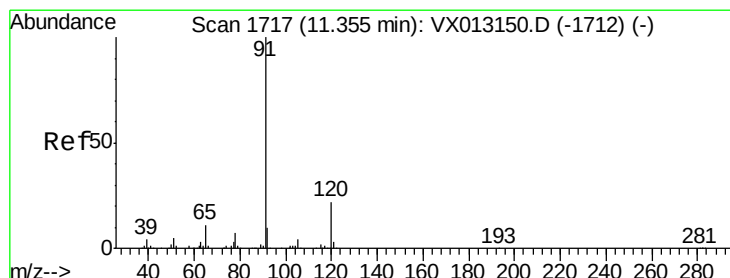
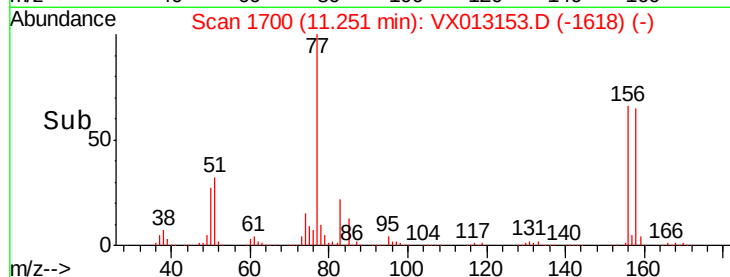
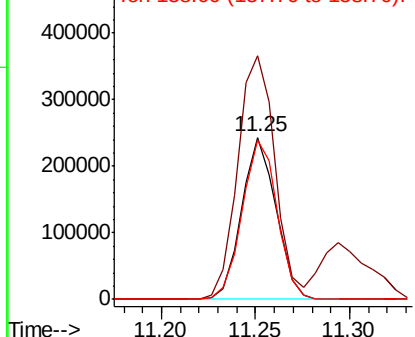
#73
Bromobenzene
Concen: 151.656 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:156 Resp: 308415
Ion Ratio Lower Upper
156 100
77 162.7 0.0 328.0
158 99.8 0.0 196.2

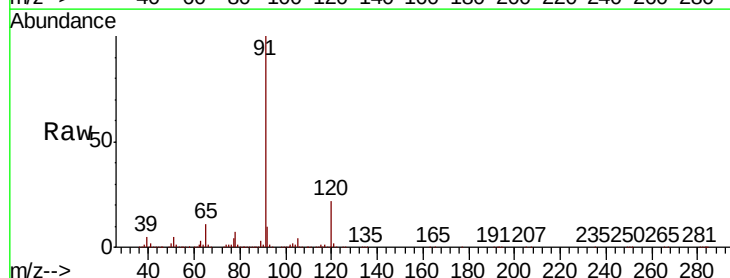


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

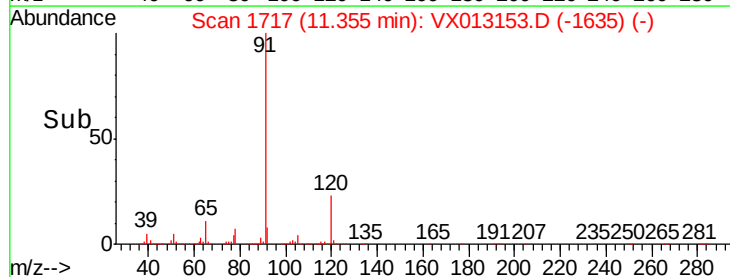
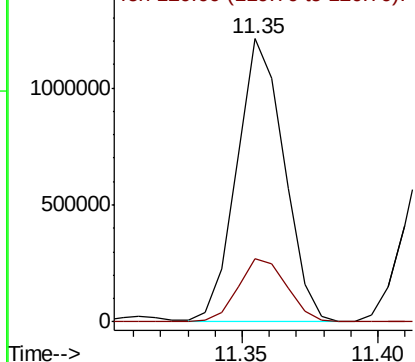


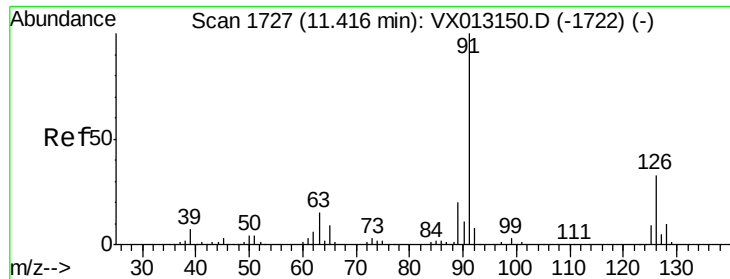
#74
n-propylbenzene
Concen: 154.391 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 91 Resp: 1462932
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 152.475 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

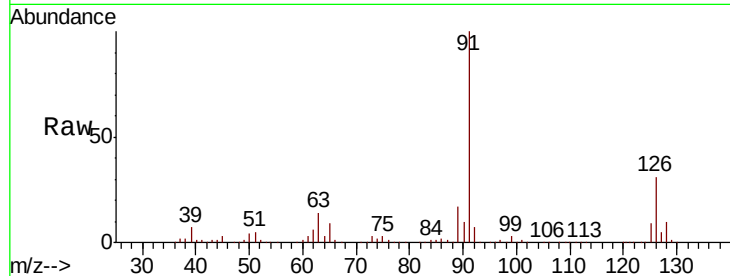
VSTDIC150

Tot Ion: 91 Resp: 894753

Ion Ratio Lower Upper

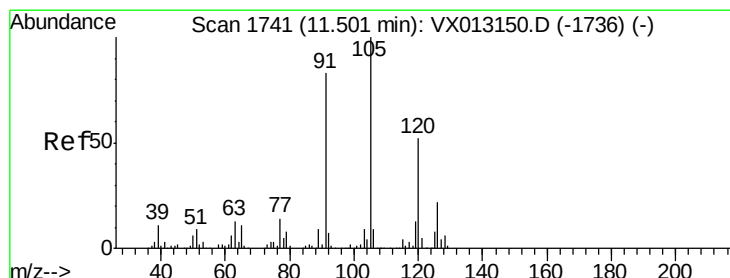
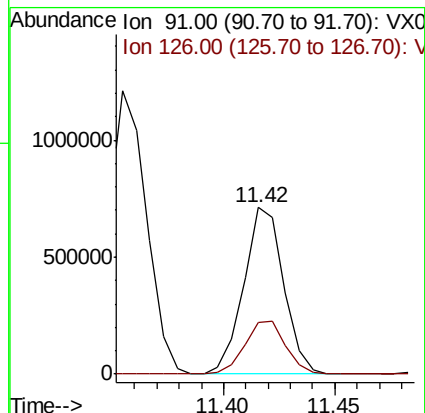
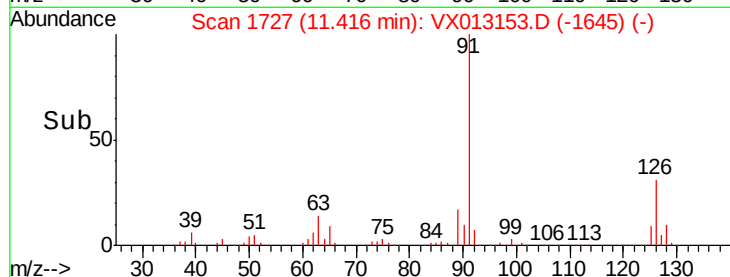
91 100

126 33.0 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 153.645 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013153.D

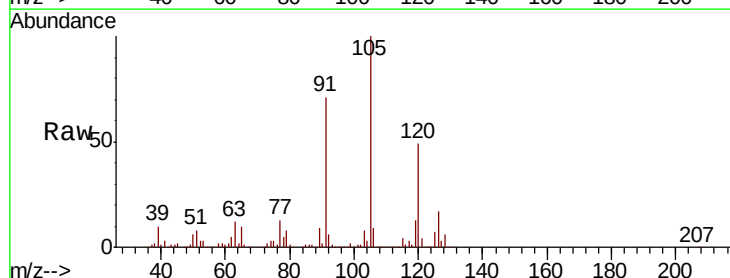
Acq: 21 Oct 2019 14:09

Tgt Ion:105 Resp: 1109843

Ion Ratio Lower Upper

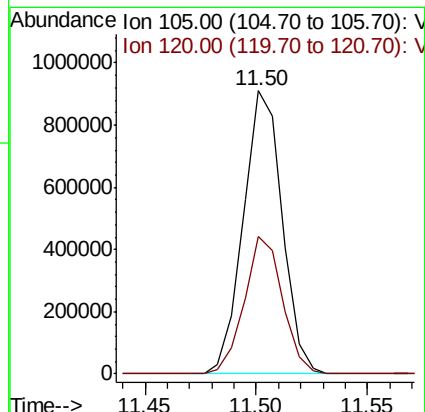
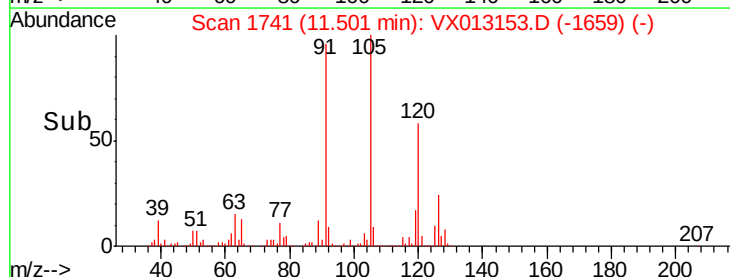
105 100

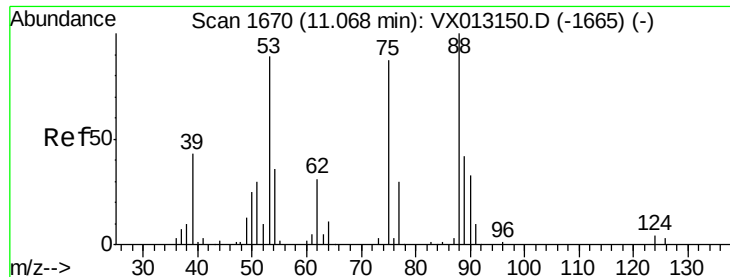
120 47.6 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 165.686 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

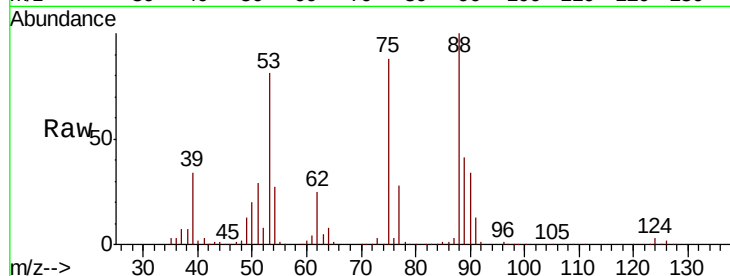
Tot Ion: 75 Resp: 148519

Ion Ratio Lower Upper

75 100

53 91.8 51.1 153.4

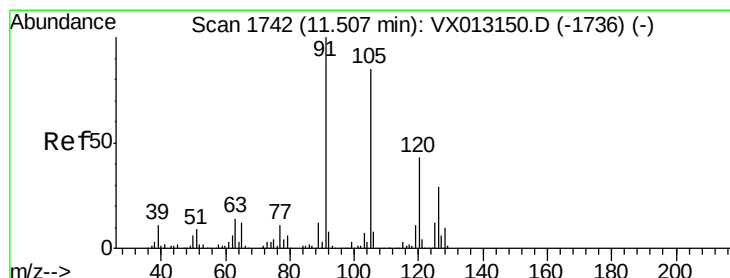
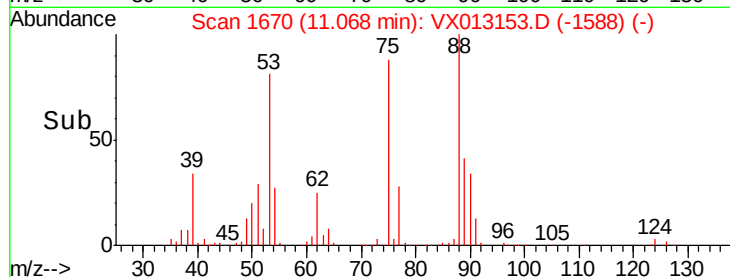
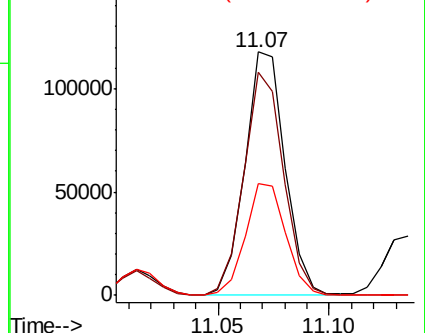
89 46.1 24.1 72.4



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: 154.904 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013153.D

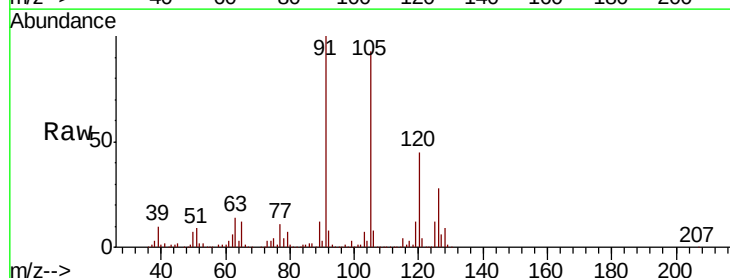
Acq: 21 Oct 2019 14:09

Tgt Ion: 91 Resp: 1043400

Ion Ratio Lower Upper

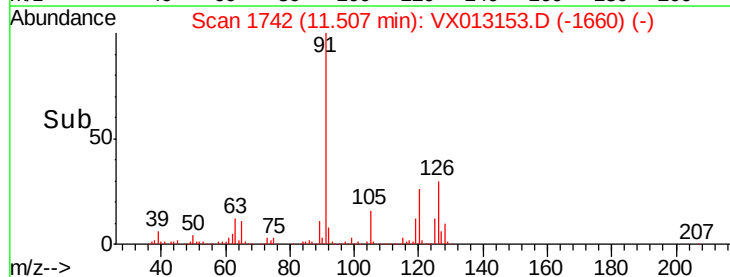
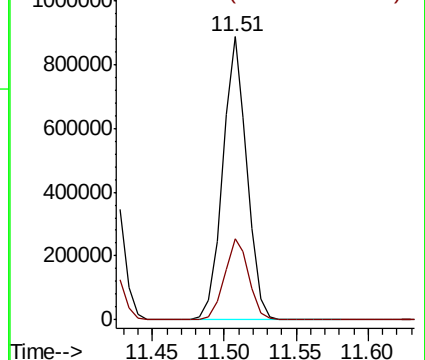
91 100

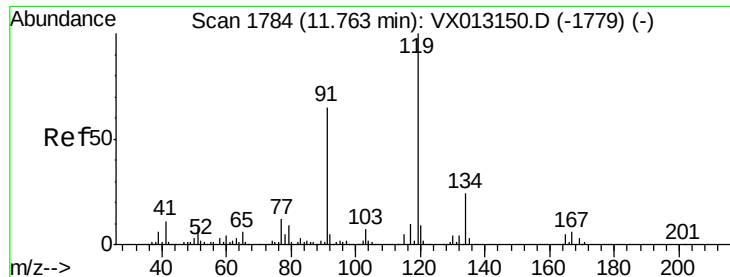
126 28.6 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 158.771 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013153.D

Acq: 21 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

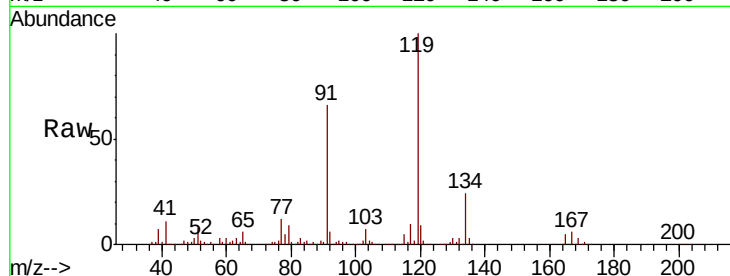
Tot Ion:119 Resp: 1078046

Ion Ratio Lower Upper

119 100

91 59.8 0.0 128.4

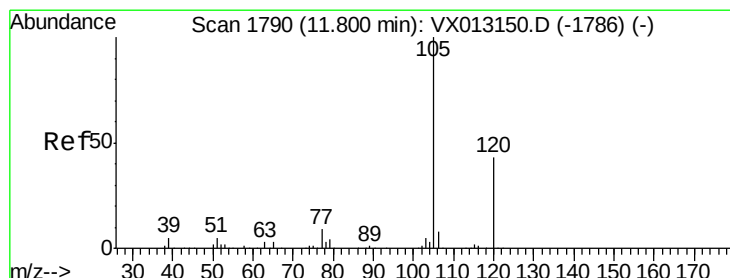
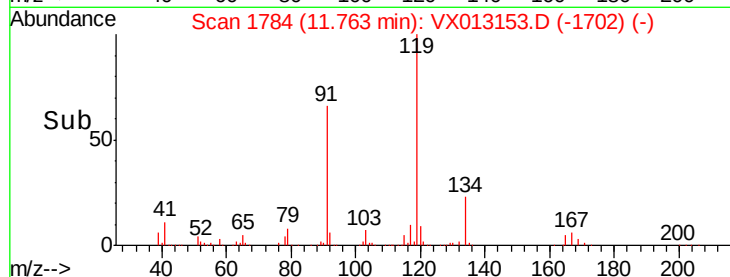
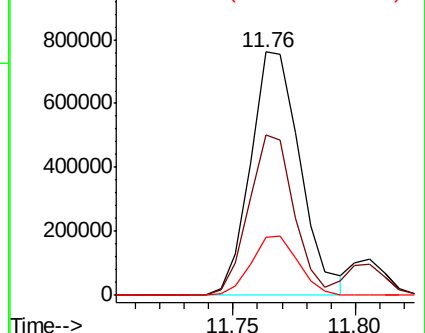
134 22.9 0.0 49.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 155.193 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013153.D

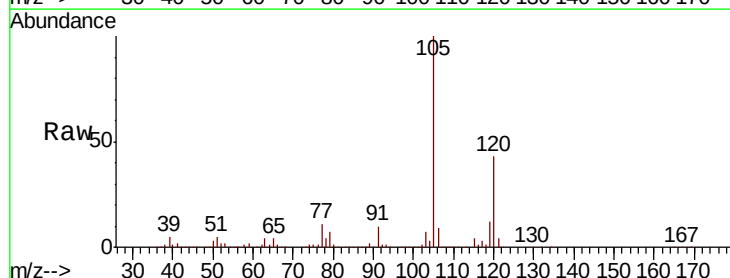
Acq: 21 Oct 2019 14:09

Tgt Ion:105 Resp: 1114865

Ion Ratio Lower Upper

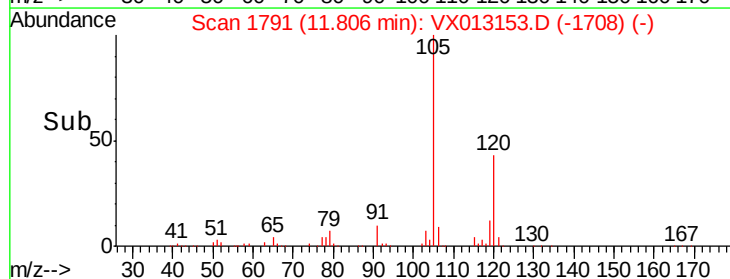
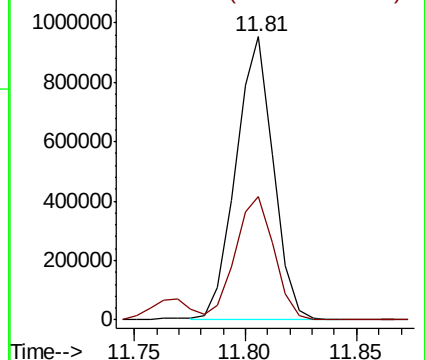
105 100

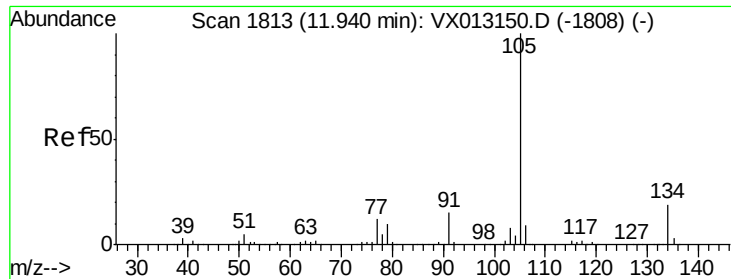
120 44.9 0.0 87.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

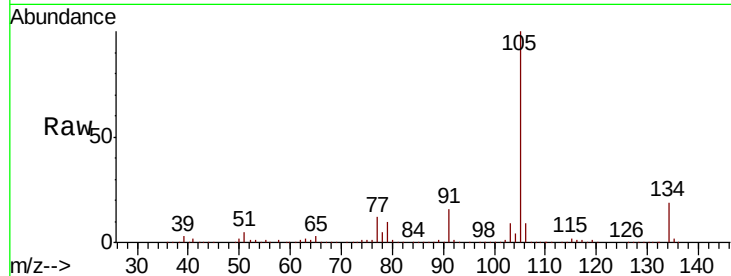




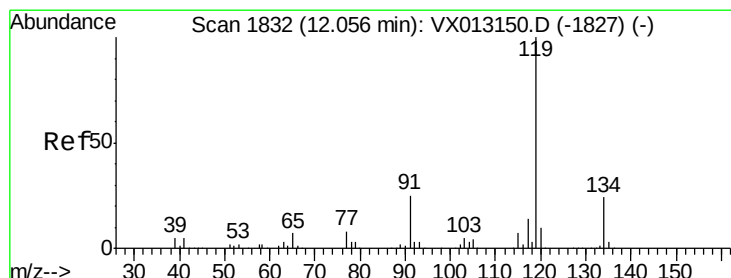
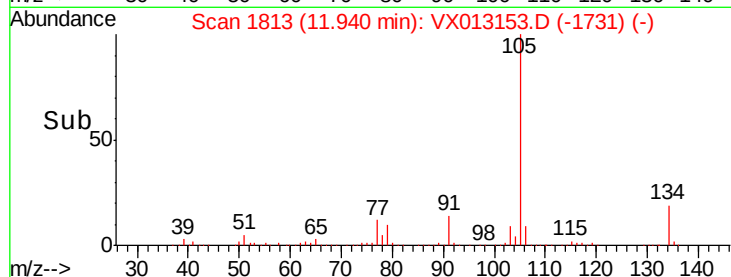
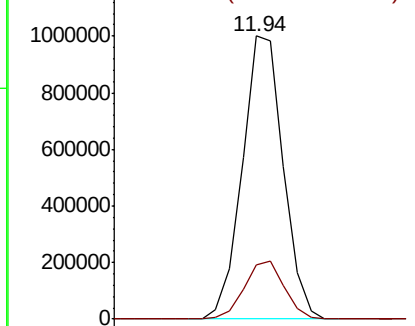
#81
 sec-Butylbenzene
 Concen: 155.580 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC150

Tot Ion:105 Resp: 1281524
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.2

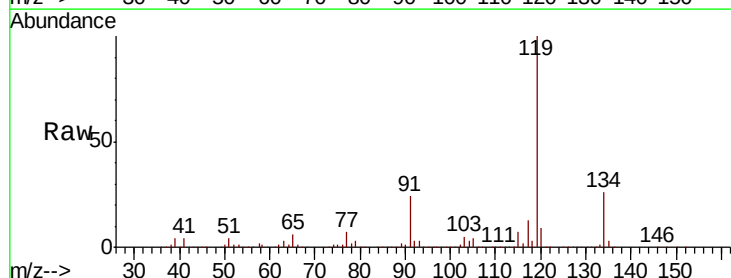


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

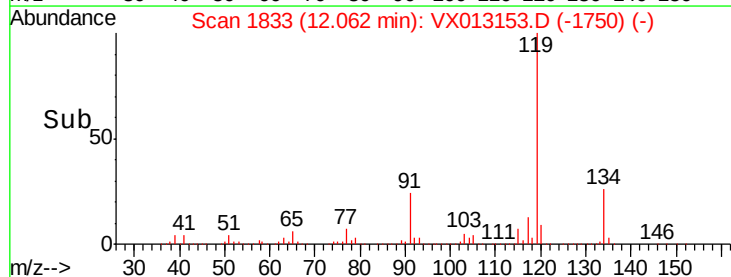
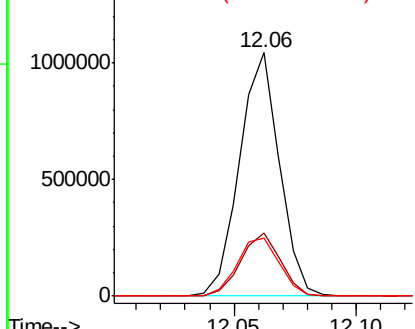


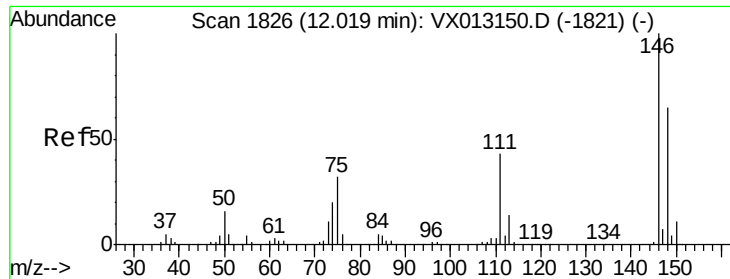
#82
 p-Isopropyltoluene
 Concen: 157.108 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion:119 Resp: 1182216
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.6
 91 25.5 0.0 50.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

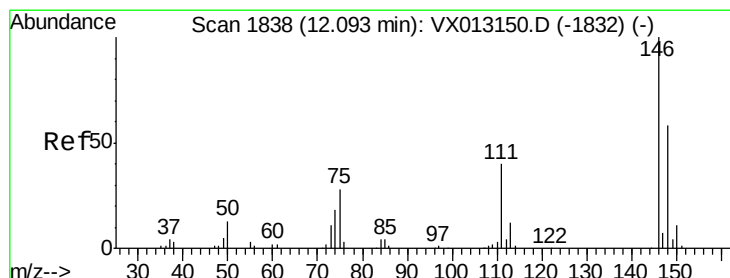
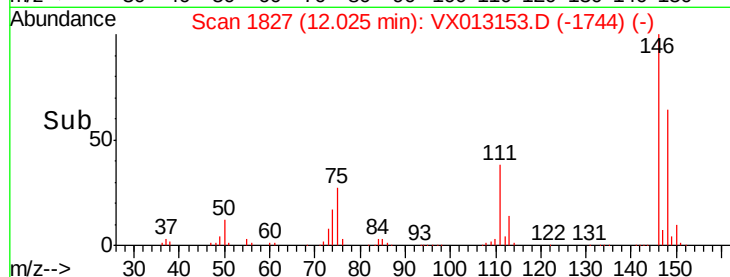
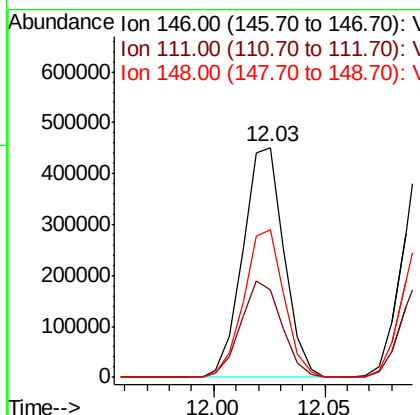
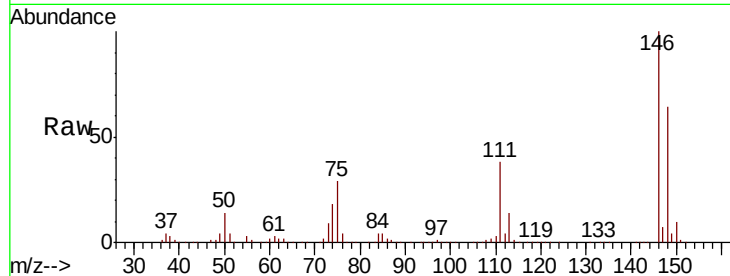




#83
 1,3-Dichlorobenzene
 Concen: 158.549 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

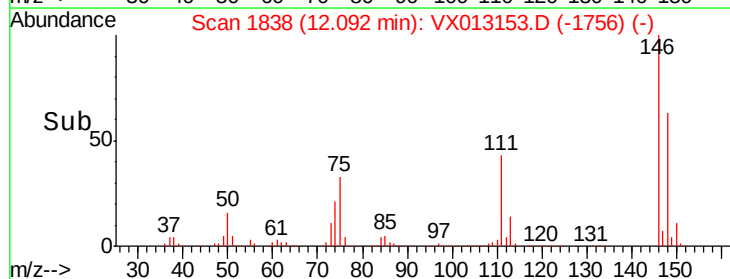
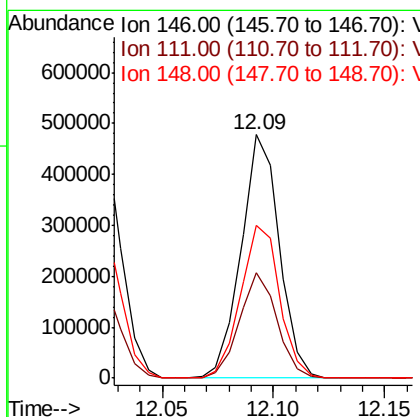
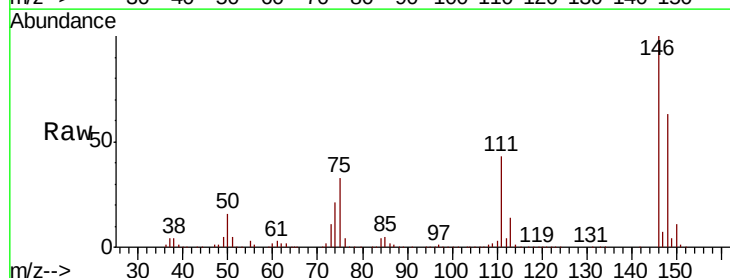
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

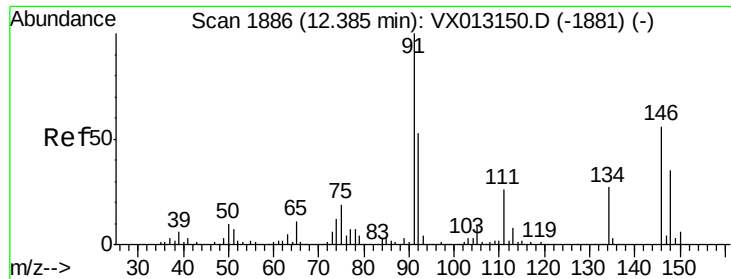
Tot Ion:146 Resp: 582017
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.8 65.4
 148 62.8 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 154.152 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion:146 Resp: 571144
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 60.9
 148 64.2 31.4 94.2

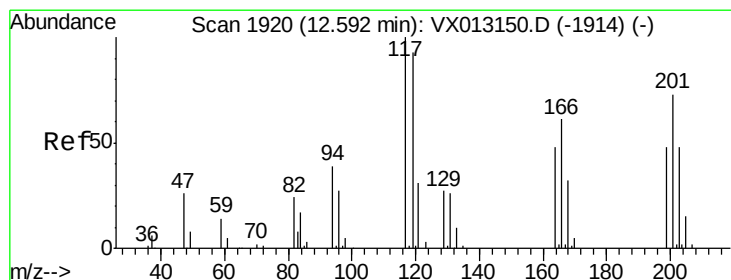
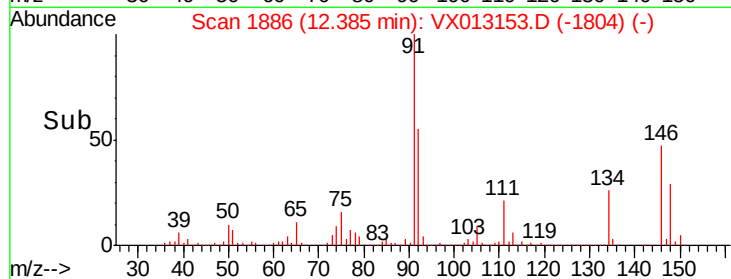
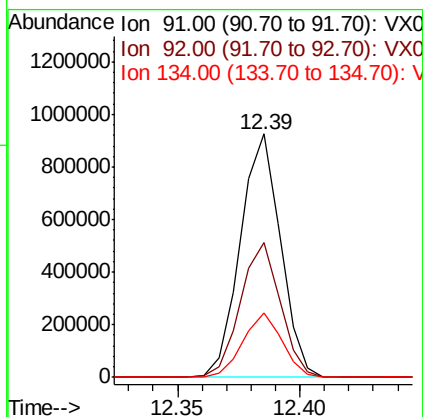
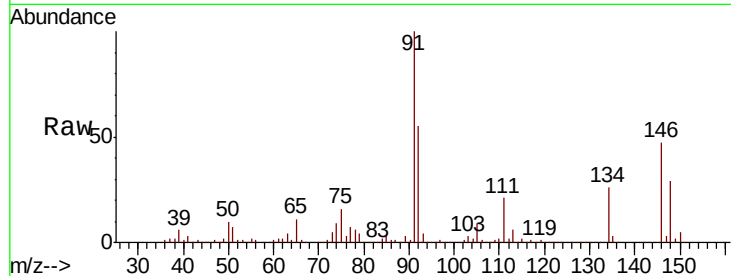




#85
n-Butylbenzene
Concen: 165.866 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

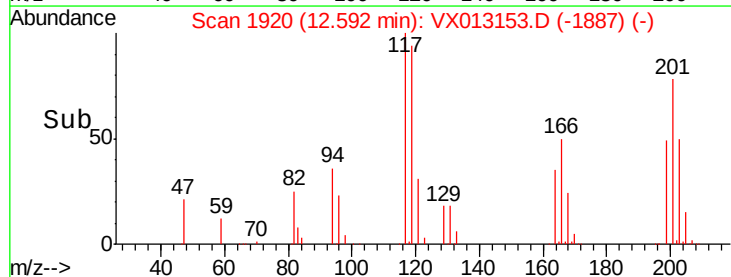
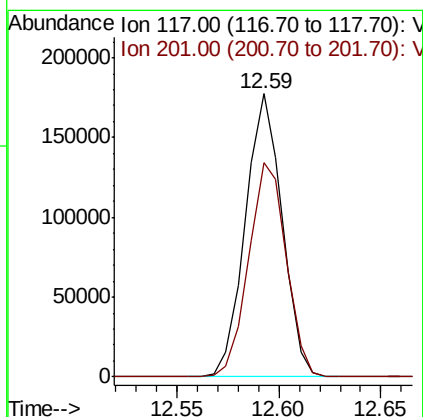
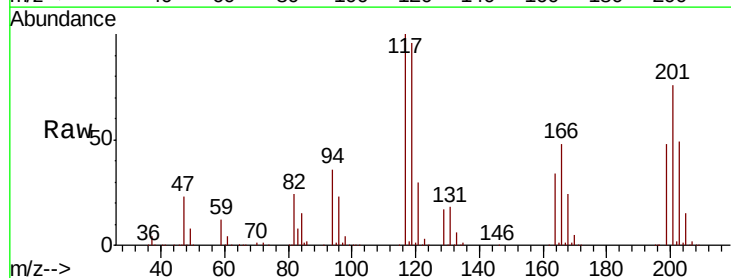
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

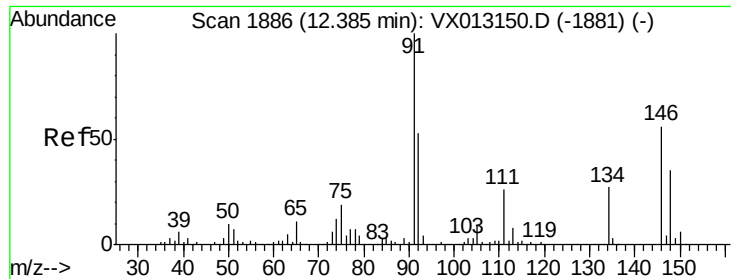
Tot Ion: 91 Resp: 1059714
Ion Ratio Lower Upper
91 100
92 55.0 0.0 106.8
134 25.9 0.0 52.4



#86
Hexachloroethane
Concen: 170.922 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion: 117 Resp: 222327
Ion Ratio Lower Upper
117 100
201 77.5 35.9 107.5

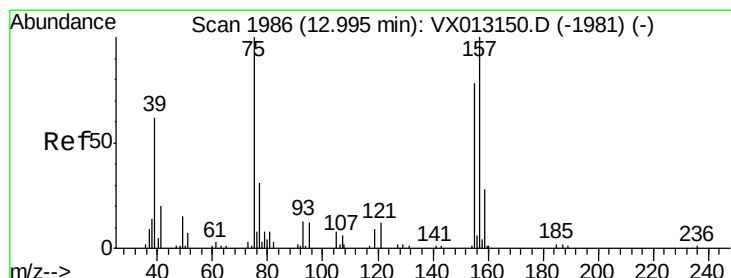
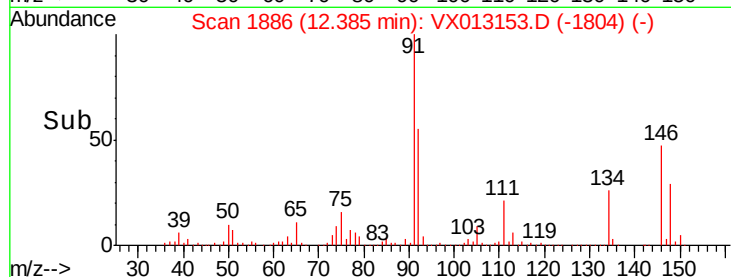
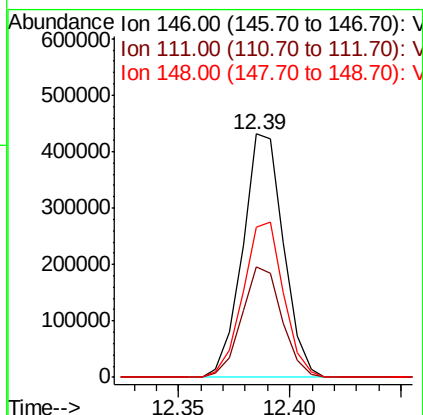
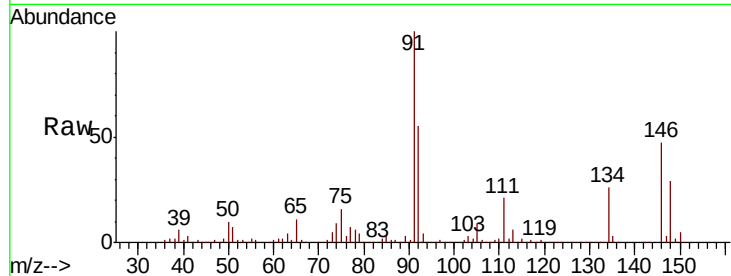




#87
 1,2-Dichlorobenzene
 Concen: 152.045 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

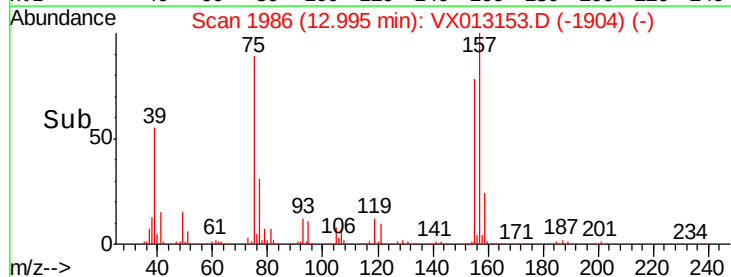
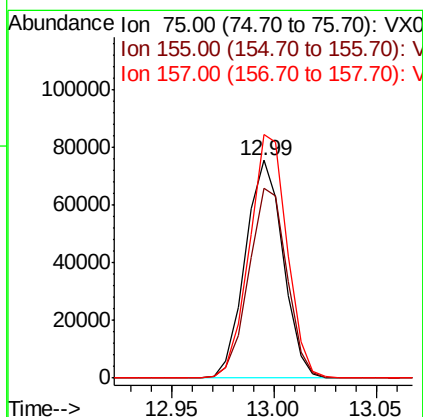
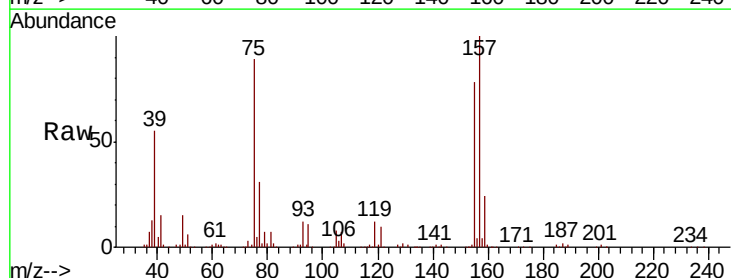
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

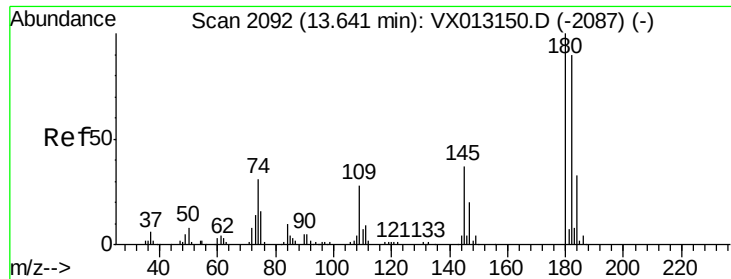
Tot Ion:146 Resp: 554196
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.5 67.5
 148 63.2 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 150.680 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion: 75 Resp: 97285
 Ion Ratio Lower Upper
 75 100
 155 88.2 65.4 98.0
 157 111.4 84.1 126.1

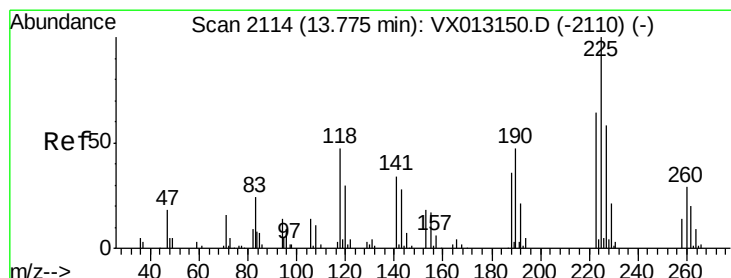
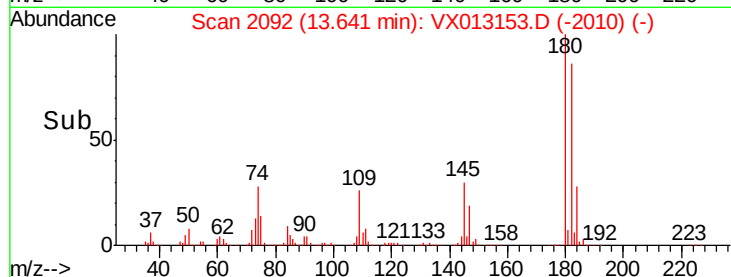
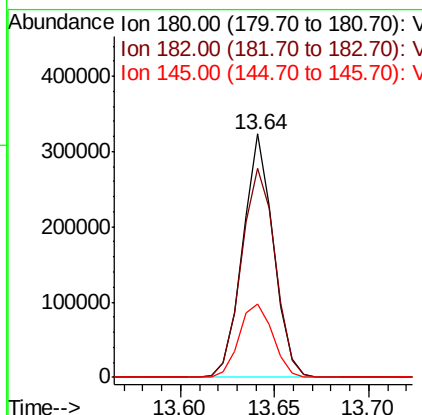
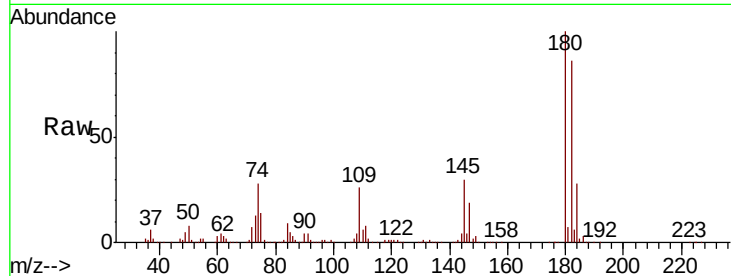




#89
 1,2,4-Trichlorobenzene
 Concen: 161.704 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

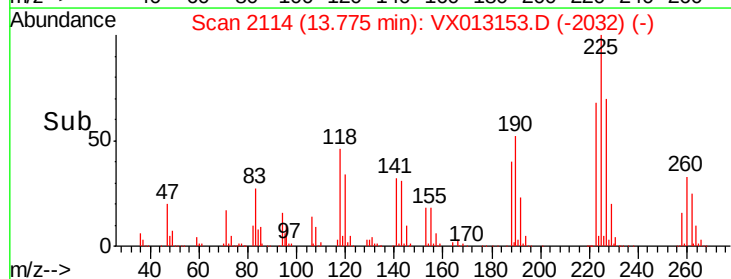
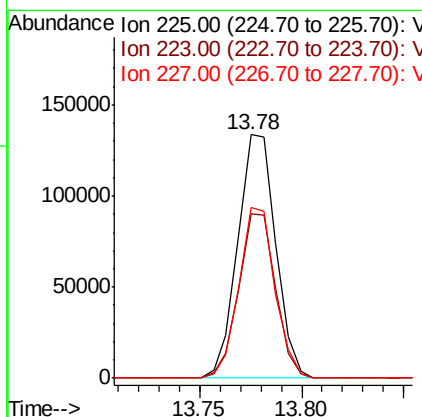
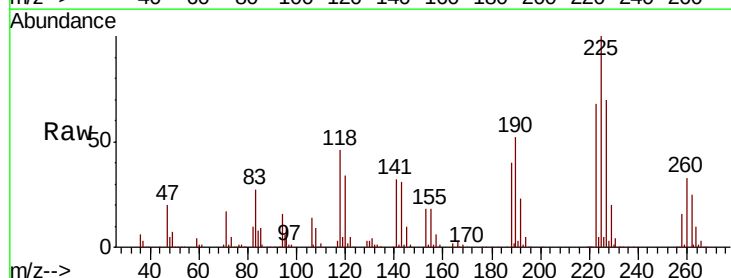
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

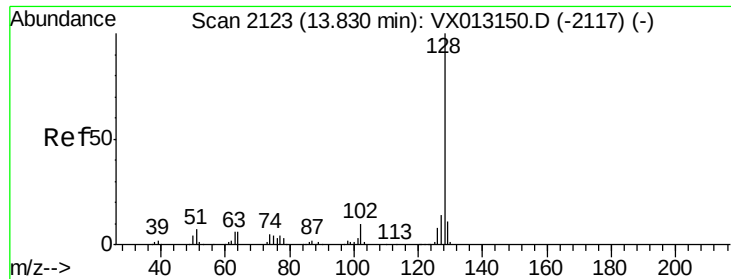
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	32.9	27.4	41.2



#90
 Hexachlorobutadiene
 Concen: 159.291 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013153.D
 Acq: 21 Oct 2019 14:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	0.0	131.2
227	66.3	0.0	127.0

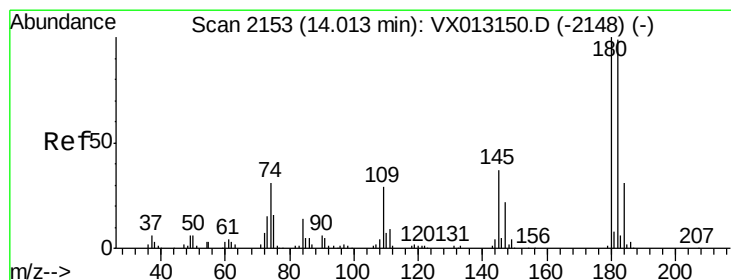
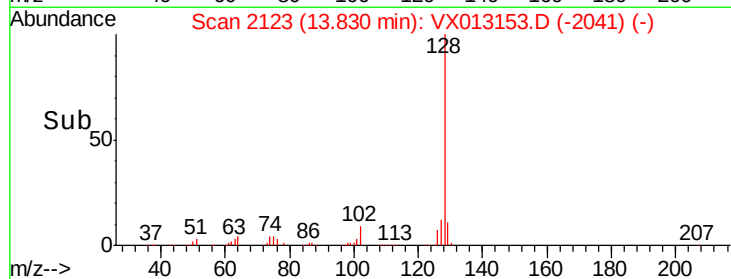
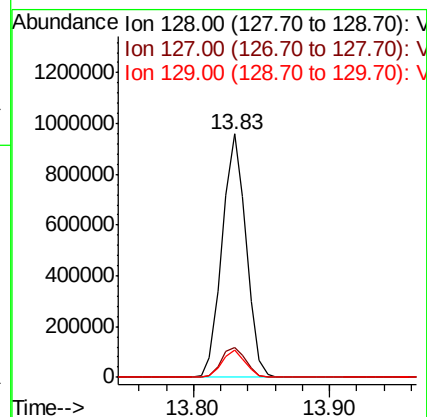
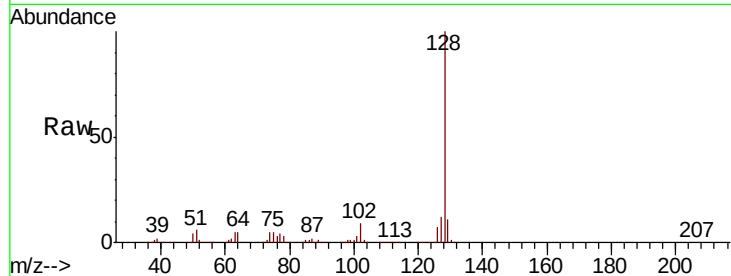




#91
Naphthalene
Concen: 153.219 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1169404
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 157.023 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013153.D
Acq: 21 Oct 2019 14:09

Tgt Ion:180 Resp: 358035
Ion Ratio Lower Upper
180 100
182 93.3 0.0 194.4
145 34.8 0.0 71.2

