

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013371.D
 Acq On : 11 Nov 2019 18:02
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 12 01:06:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	108385	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	661906	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	599927	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	244728	29.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.30%
60) 4-Bromofluorobenzene	11.14	95	298843	29.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.07%
63) Toluene-d8	8.71	98	790602	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	1313930	168.893	ug/l 99
3) Chloromethane	1.31	50	1399682	195.571	ug/l 99
4) Vinyl Chloride	1.40	62	1598688	211.496	ug/l 99
5) Bromomethane	1.62	94	986161	249.485	ug/l 100
6) Chloroethane	1.70	64	843441	183.001	ug/l 100
7) Trichlorofluoromethane	1.91	101	1680927	152.090	ug/l 99
8) Diethyl Ether	2.18	74	775053	193.285	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1009365	148.540	ug/l 100
10) 1,1-Dichloroethene	2.36	96	1053568	159.990	ug/l 99
11) Methyl Iodide	2.50	142	1452851	172.547	ug/l 99
12) Methyl Acetate	2.76	43	1881035	207.882	ug/l 97
13) Acrolein	2.28	56	953361	767.282	ug/l 99
14) Acrylonitrile	3.14	53	3409610	929.720	ug/l 98
15) Acetone	2.44	58	967946	800.382	ug/l 97
16) Carbon Disulfide	2.55	76	3018218	169.954	ug/l 100
17) Allyl chloride	2.71	41	1947837	180.463	ug/l 93
18) Methylene Chloride	2.84	84	1174099	154.727	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	1123694	160.912	ug/l 99
20) Diisopropyl ether	3.84	45	3694902	178.018	ug/l # 85
21) 1,1-Dichloroethane	3.68	63	2012522	162.752	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	1284757	161.645	ug/l 98
23) tert-Butyl Alcohol	3.05	59	1646573	875.774	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	3489263	154.451	ug/l 100
25) Chloroform	5.20	83	1954752	152.398	ug/l 100
26) Cyclohexane	5.57	56	1829222	167.463	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	1549220	153.618	ug/l 99
30) 2-Butanone	4.66	43	4969498	885.769	ug/l 99
31) 2,2-Dichloropropane	4.57	77	1646299	141.499	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	1712121	141.369	ug/l 99
33) Carbon Tetrachloride	5.78	117	1500210	143.530	ug/l 100
34) Benzene	6.13	78	4580141	155.359	ug/l 99
35) Methacrylonitrile	5.03	41	1031571	180.482	ug/l 97
36) 1,2-Dichloroethane	6.18	62	1601010	145.694	ug/l 100
37) Trichloroethene	7.20	130	1267598	156.239	ug/l 96
38) Methylcyclohexane	7.46	83	1874857	150.806	ug/l 99
39) 1,2-Dichloropropane	7.51	63	1178744	161.422	ug/l 97
40) Dibromomethane	7.65	93	789135	153.320	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	1593370	153.875	ug/l	97
42) Vinyl Acetate	3.80	43	15429228	814.983	ug/l	99
43) Ethyl Acetate	4.82	43	1869431	182.131	ug/l	97
44) Isopropyl Acetate	6.43	43	3044927	180.528	ug/l	99
45) 1,4-Dioxane	7.73	88	683360	3313.096	ug/l	98
46) Methyl methacrylate	7.76	41	1535472	184.928	ug/l	99
47) n-amyl Acetate	10.89	43	2809568	194.773	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	1867518	164.181	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	1978417	159.513	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	1187898	155.719	ug/l	98
51) Ethyl methacrylate	9.17	69	2056783	171.102	ug/l	99
52) 1,3-Dichloropropane	9.37	76	2005442	155.863	ug/l	99
53) Dibromochloromethane	9.58	129	1320229	161.145	ug/l	98
54) 1,2-Dibromoethane	9.67	107	1272743	156.330	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	4106315	824.727	ug/l	100
56) Bromoform	10.85	173	1117101	188.035	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	9369094	895.658	ug/l	97
59) 2-Hexanone	9.49	43	7486825	908.574	ug/l	97
61) Tetrachloroethene	9.33	164	1084789	141.241	ug/l	97
62) Toluene	8.78	91	4900301	151.461	ug/l	99
64) Chlorobenzene	10.14	112	3175827	154.216	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	1203872	156.603	ug/l	99
66) Ethyl Benzene	10.25	91	5505300	149.136	ug/l	99
67) m/p-Xylenes	10.35	106	4294803	306.474	ug/l	95
68) o-Xylene	10.70	106	2101237	155.929	ug/l	96
69) Styrene	10.71	104	3641412	157.918	ug/l	98
70) Isopropylbenzene	11.01	105	5360337	146.427	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	2011203	173.205	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	2391530	248.417	ug/l	80
73) Bromobenzene	11.25	156	1475054	164.482	ug/l	97
74) n-propylbenzene	11.35	91	6205736	153.403	ug/l	98
75) 2-Chlorotoluene	11.42	91	3705180	147.965	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	4665189	151.187	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	751896	192.264	ug/l	94
78) 4-Chlorotoluene	11.51	91	4335764	151.163	ug/l	98
79) tert-butylbenzene	11.77	119	4778972	158.588	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	4664491	151.470	ug/l	100
81) sec-Butylbenzene	11.94	105	5434232	154.090	ug/l	99
82) p-Isopropyltoluene	12.06	119	5037035	155.549	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	2674801	164.965	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	2641316	164.684	ug/l	100
85) n-Butylbenzene	12.39	91	4559473	165.263	ug/l	98
86) Hexachloroethane	12.59	117	995427	175.290	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	2638314	167.315	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	481501	174.360	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	1929457	192.135	ug/l	98
90) Hexachlorobutadiene	13.78	225	887585	174.866	ug/l	98
91) Naphthalene	13.83	128	6035948	185.835	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	1905437	185.466	ug/l	99

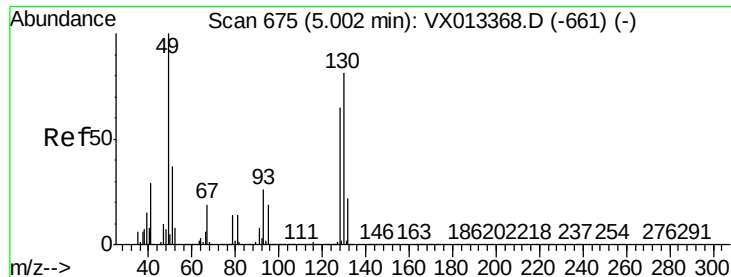
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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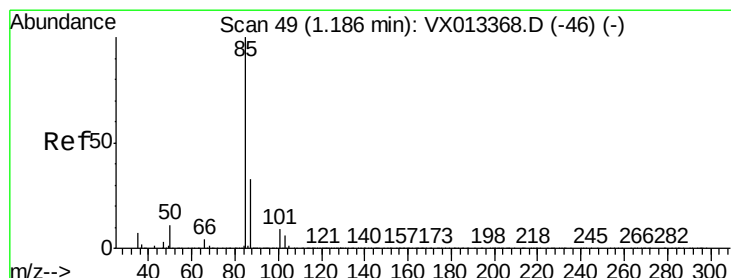
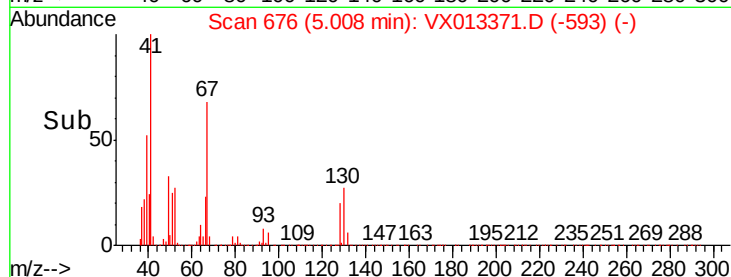
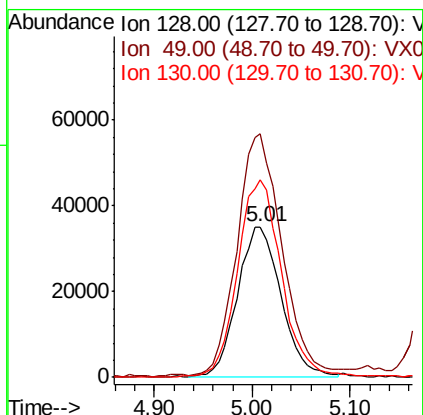
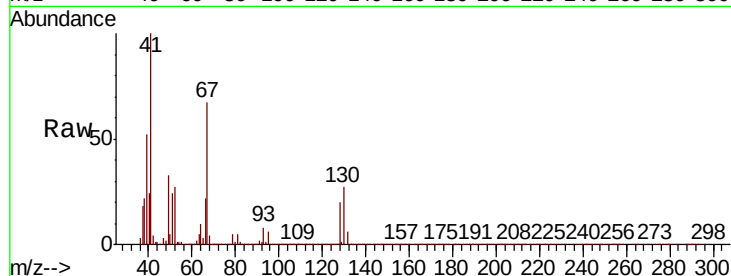
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

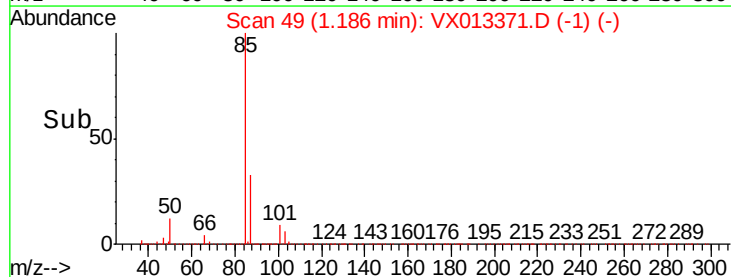
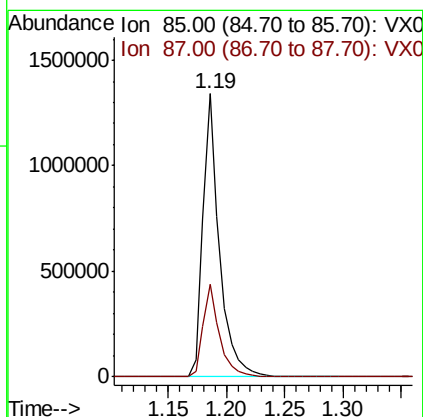
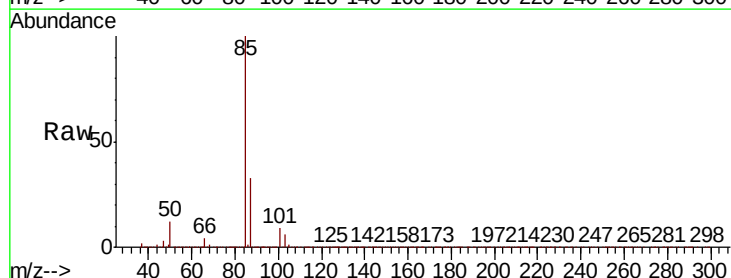
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

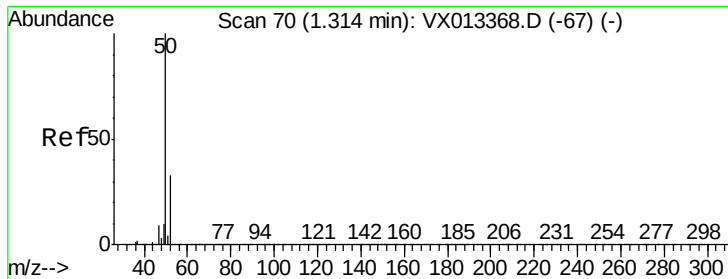
Tot Ion	Ratio	Lower	Upper
128	100		
49	166.7	0.0	388.3
130	133.1	0.0	318.5



#2
 Dichlorodifluoromethane
 Concen: 168.893 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7

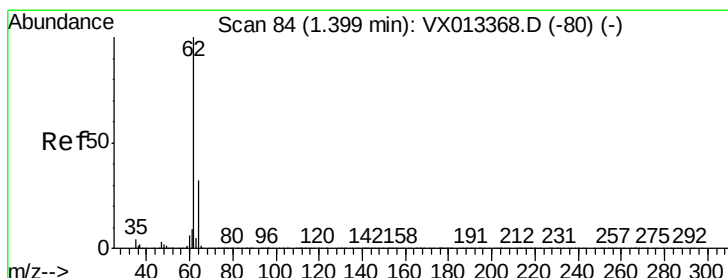
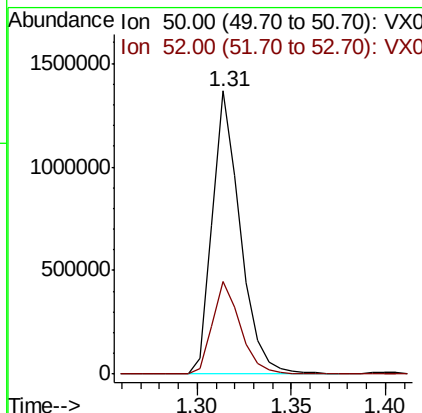
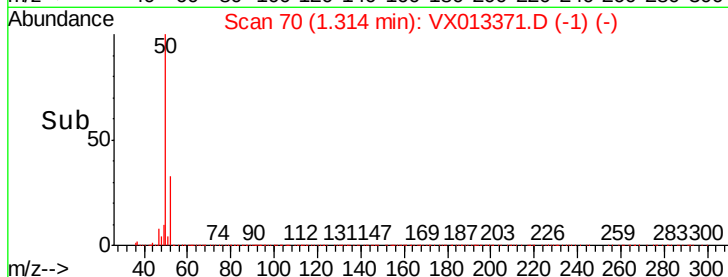
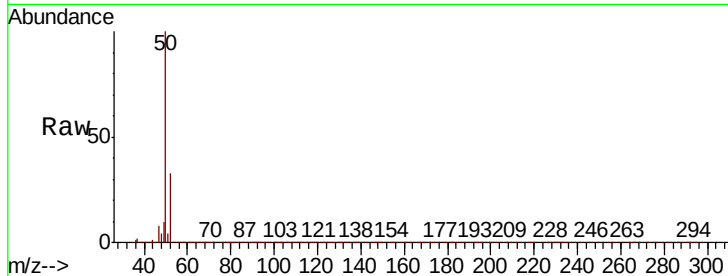




#3
Chloromethane
Concen: 195.571 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

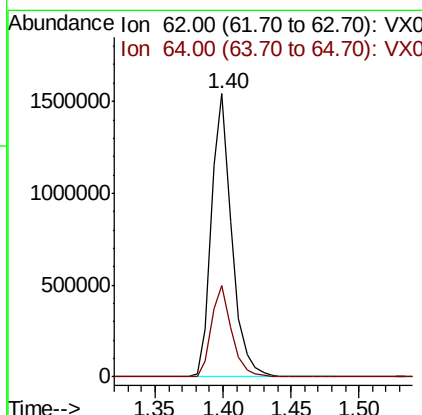
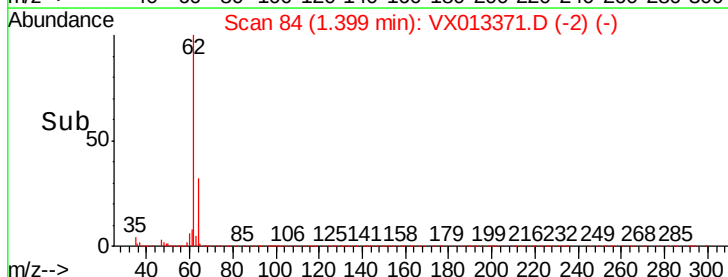
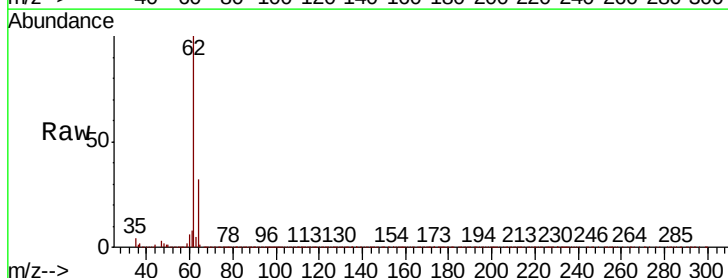
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

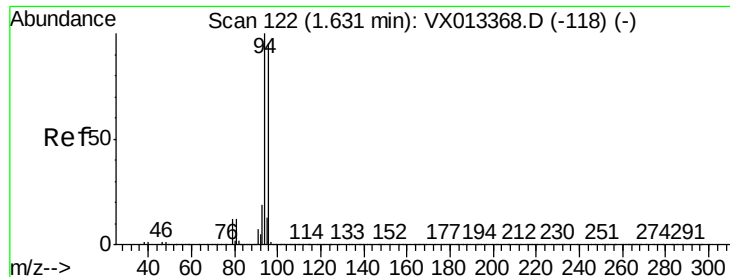
Tot Ion: 50 Resp: 1399682
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 211.496 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 62 Resp: 1598688
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 249.485 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

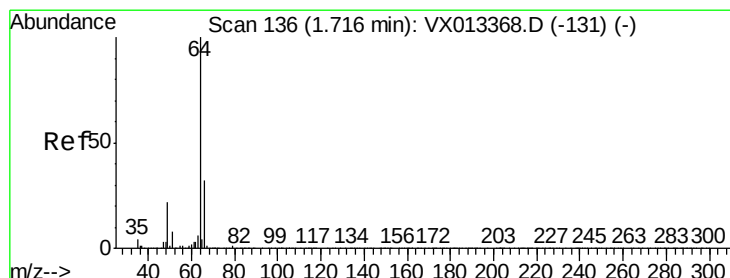
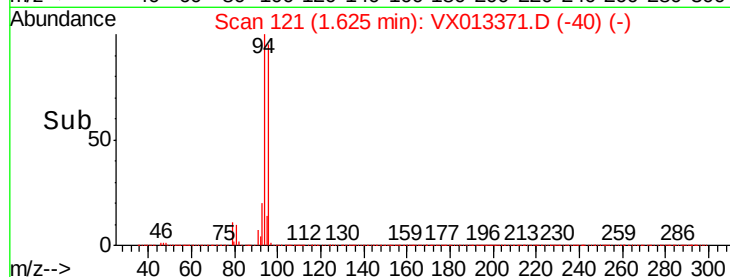
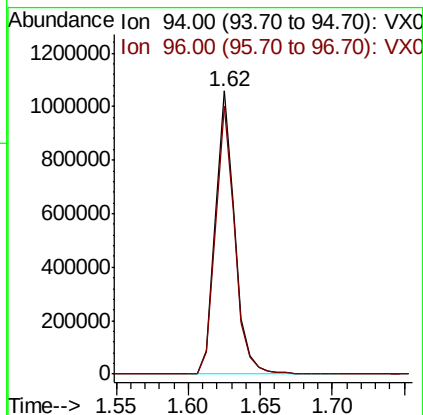
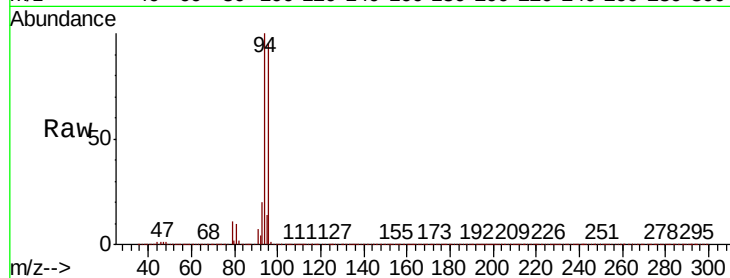
VSTDIC150

Tot Ion: 94 Resp: 986161

Ion Ratio Lower Upper

94 100

96 94.7 75.7 113.5



#6

Chloroethane

Concen: 183.001 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.02 min

Lab File: VX013371.D

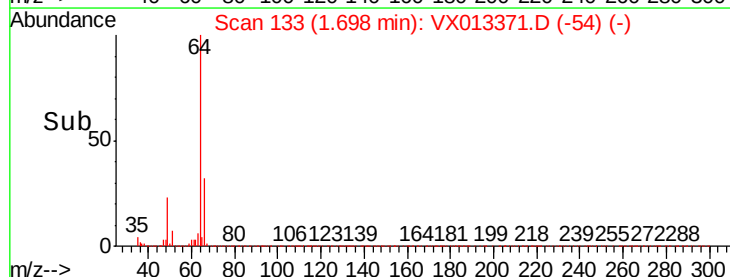
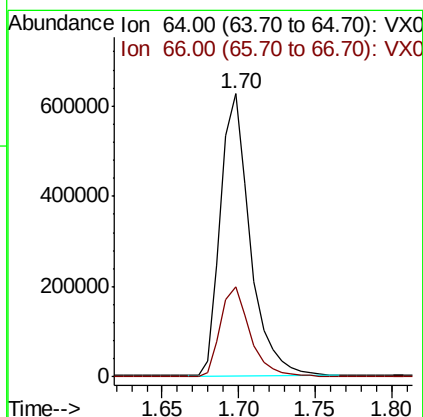
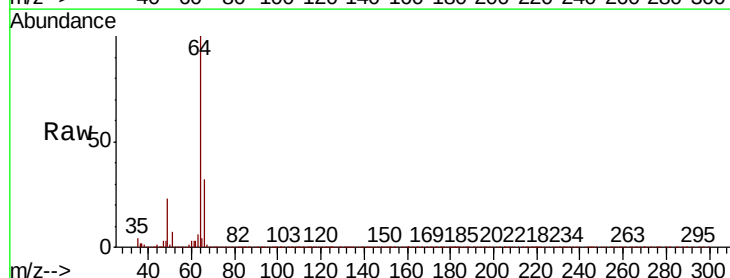
Acq: 11 Nov 2019 18:02

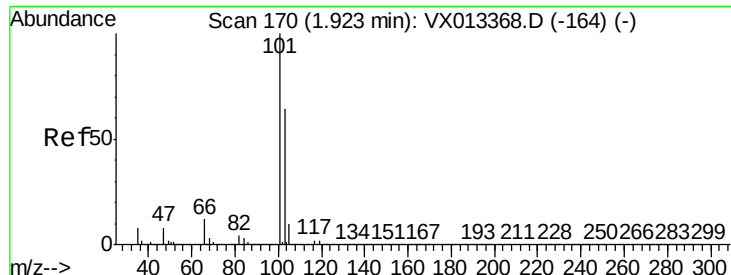
Tgt Ion: 64 Resp: 843441

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



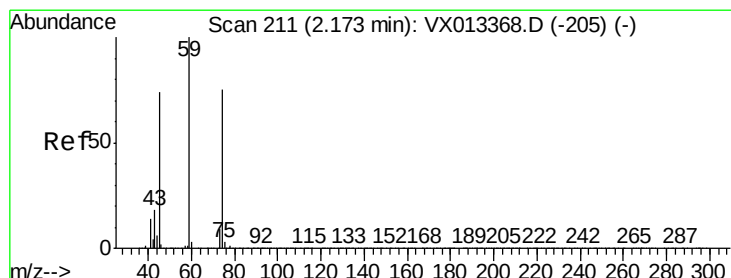
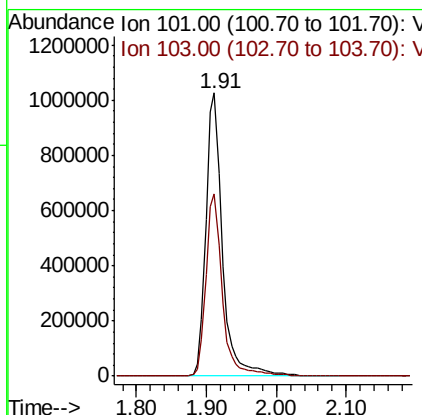
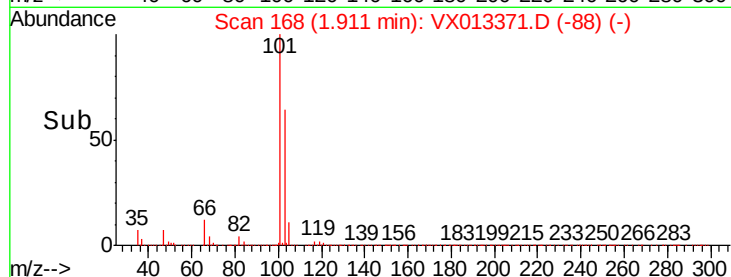
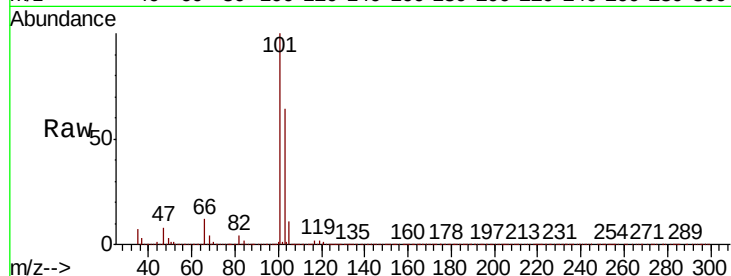


#7

Trichlorofluoromethane
Concen: 152.090 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

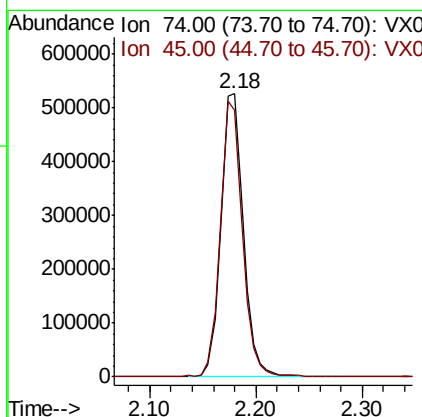
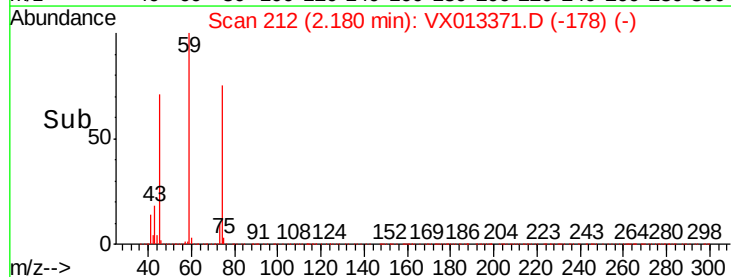
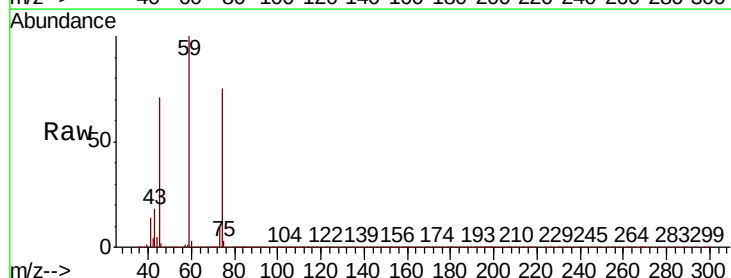
Tot Ion:101 Resp: 1680927
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

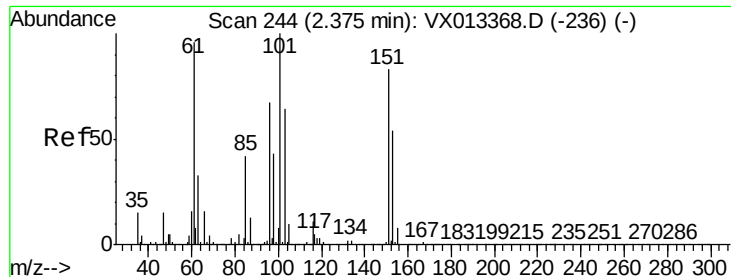


#8

Diethyl Ether
Concen: 193.285 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 74 Resp: 775053
Ion Ratio Lower Upper
74 100
45 96.0 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.540 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

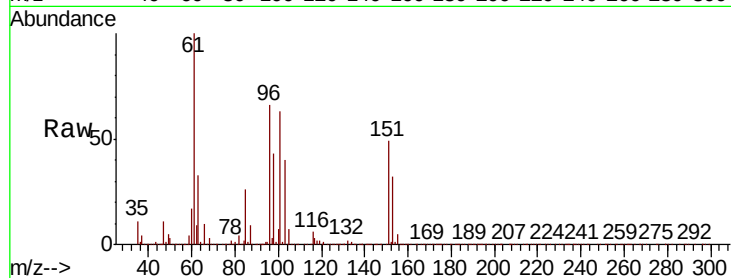
Tot Ion:101 Resp: 1009365

Ion Ratio Lower Upper

101 100

85 41.8 0.0 83.2

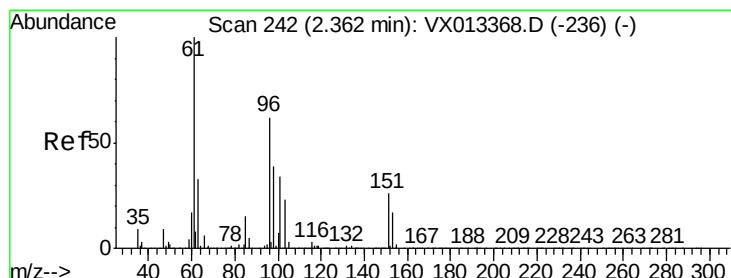
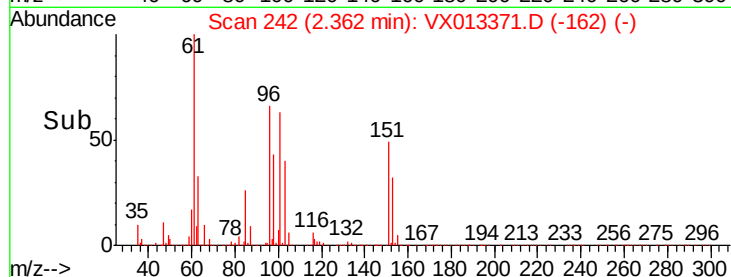
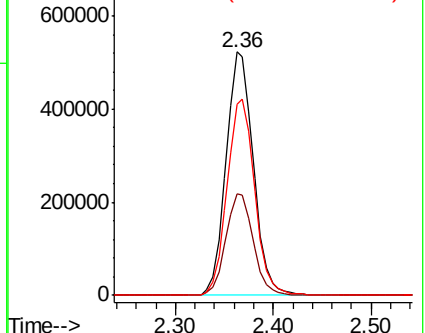
151 81.6 0.0 163.8



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: 159.990 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

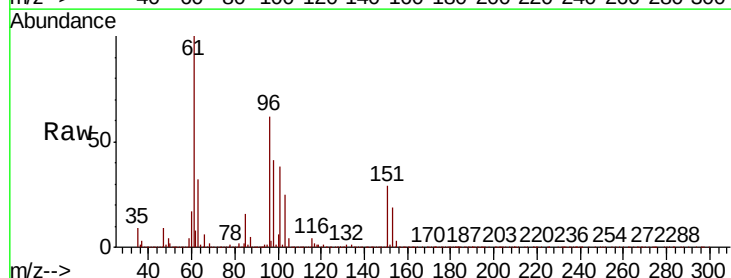
Tgt Ion: 96 Resp: 1053568

Ion Ratio Lower Upper

96 100

61 160.9 128.9 193.3

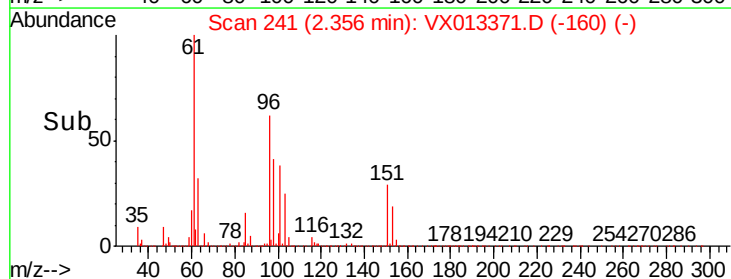
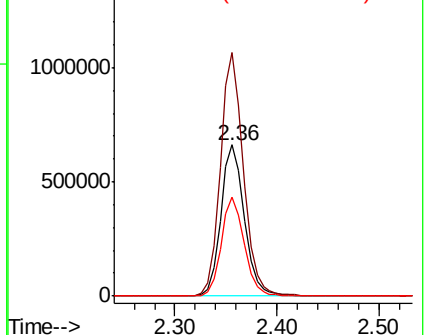
98 65.8 49.7 74.5

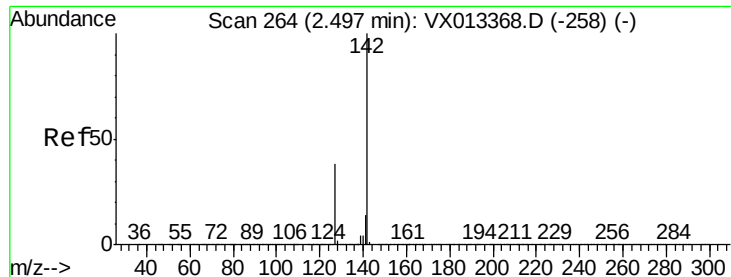


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

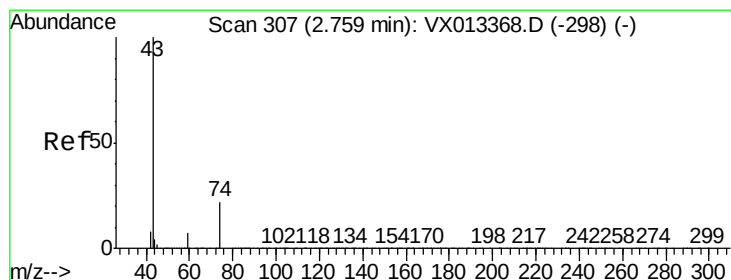
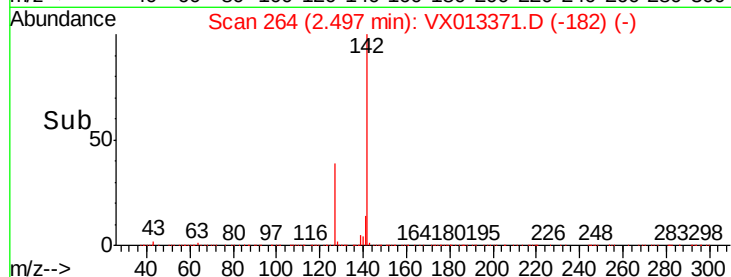
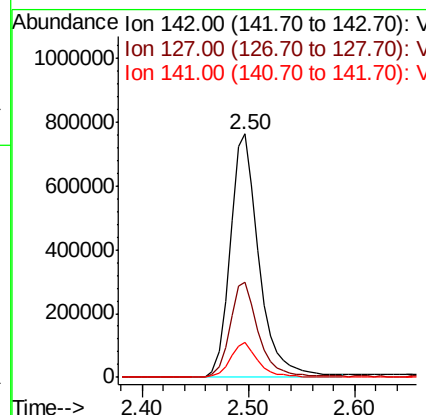
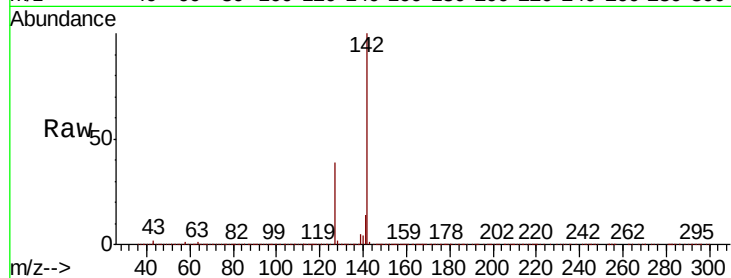




#11
Methvl Iodide
Concen: 172.547 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

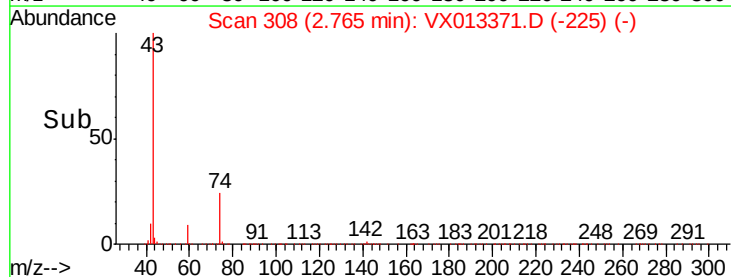
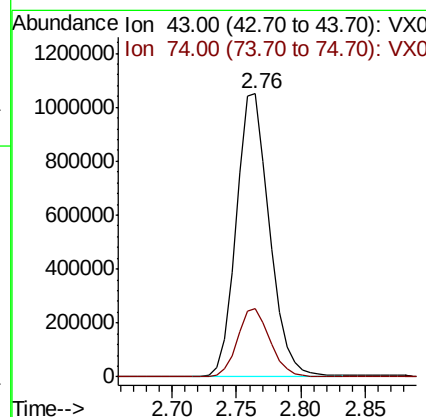
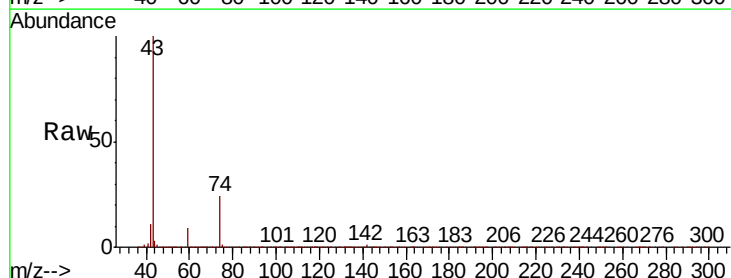
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

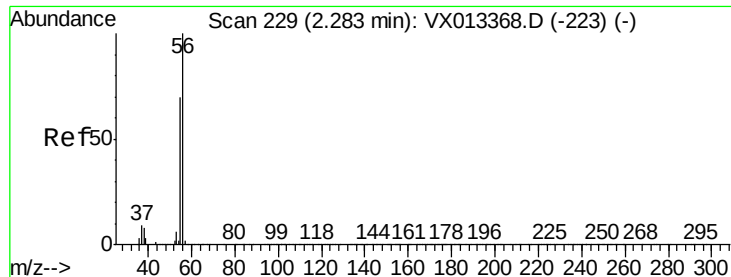
Tot Ion:142 Resp: 1452851
Ion Ratio Lower Upper
142 100
127 38.8 19.1 57.5
141 14.3 7.0 21.0



#12
Methyl Acetate
Concen: 207.882 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 1881035
Ion Ratio Lower Upper
43 100
74 24.1 18.0 27.0





#13

Acrolein

Concen: 767.282 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

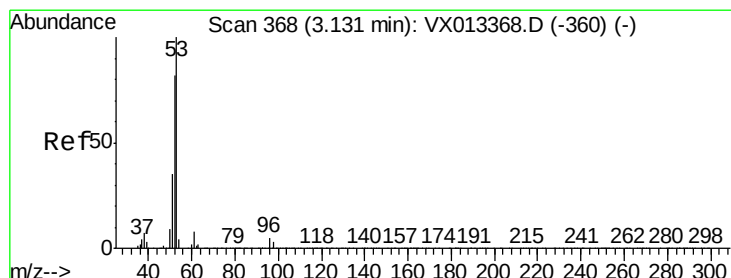
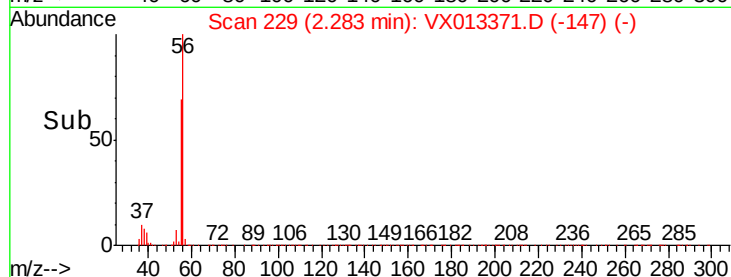
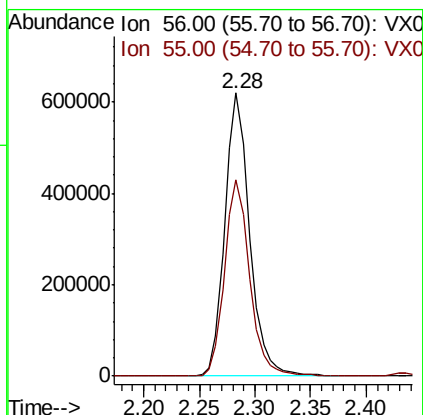
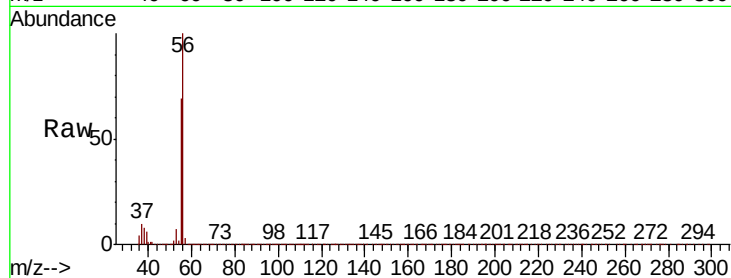
VSTDIC150

Tot Ion: 56 Resp: 953361

Ion Ratio Lower Upper

56 100

55 70.4 55.8 83.8



#14

Acrylonitrile

Concen: 929.720 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

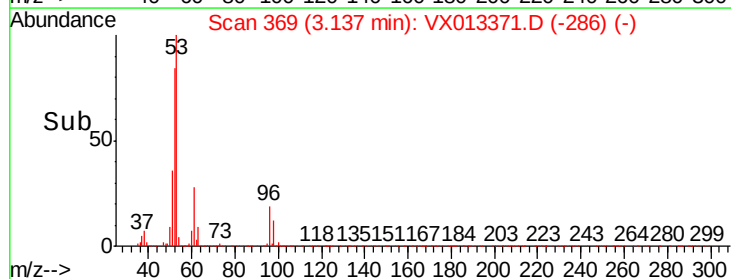
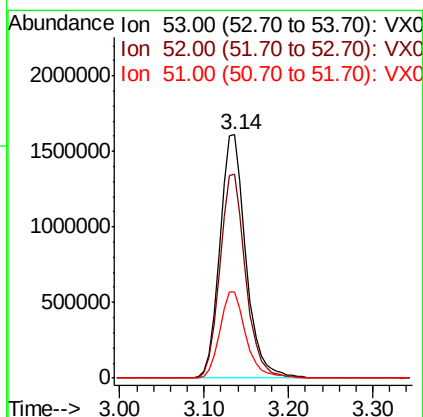
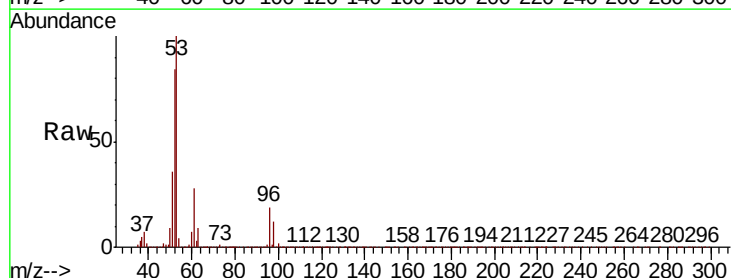
Tgt Ion: 53 Resp: 3409610

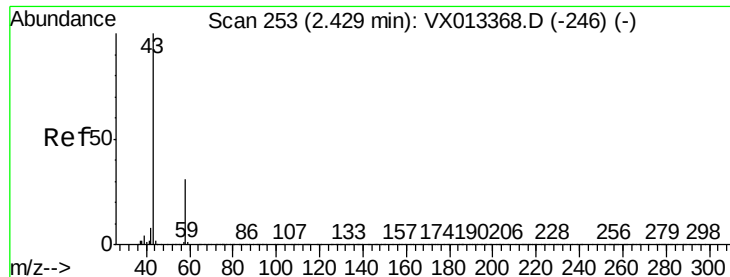
Ion Ratio Lower Upper

53 100

52 83.4 41.0 123.0

51 36.0 17.3 51.9

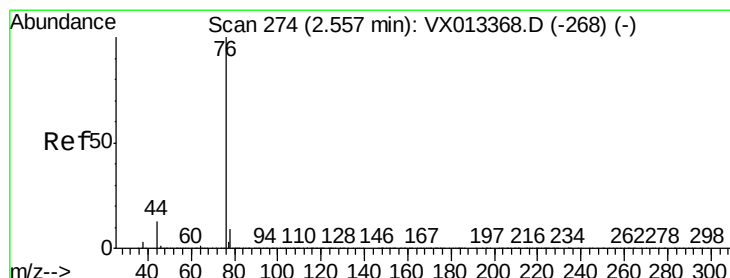
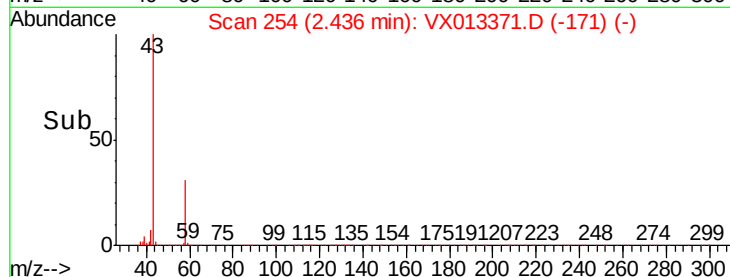
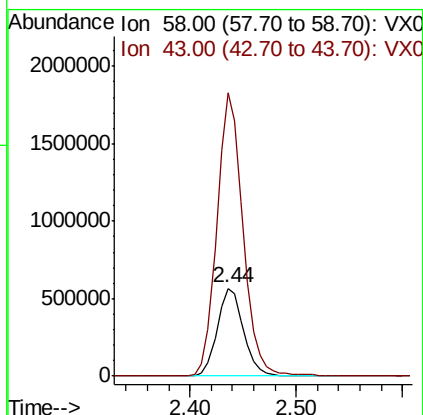
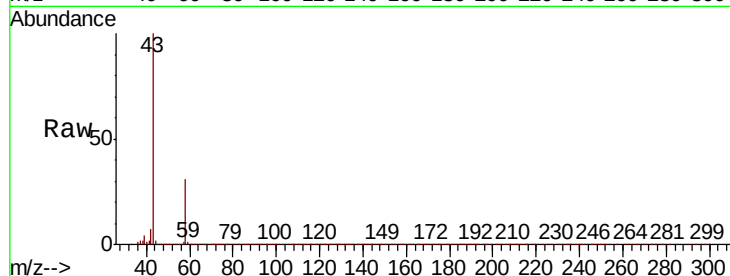




#15
Acetone
Concen: 800.382 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

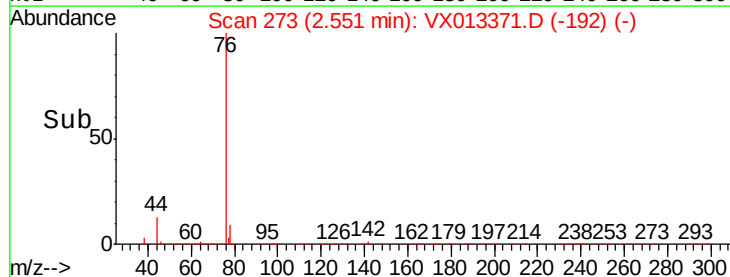
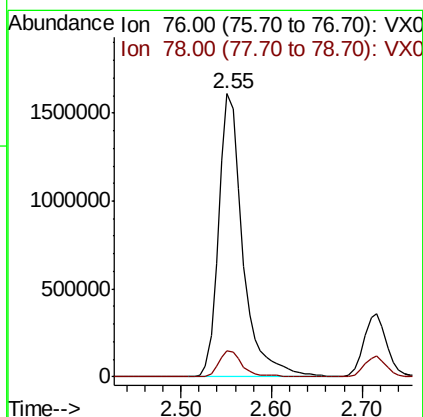
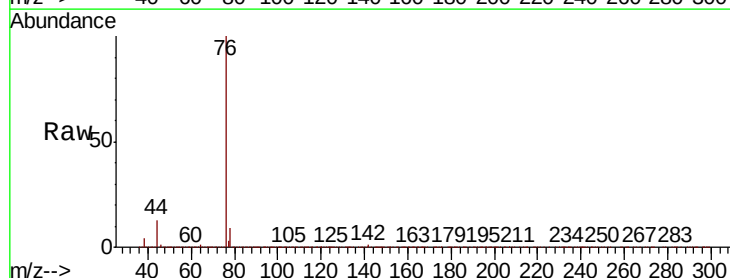
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

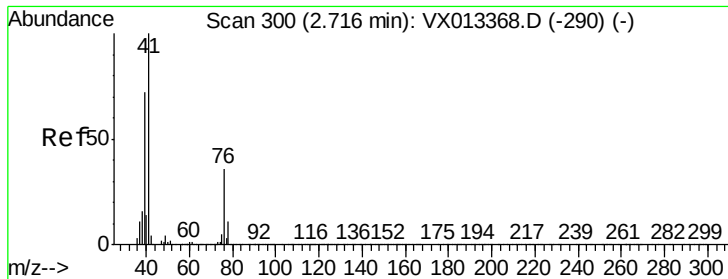
Tot Ion: 58 Resp: 967946
Ion Ratio Lower Upper
58 100
43 321.5 261.4 392.2



#16
Carbon Disulfide
Concen: 169.954 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 76 Resp: 3018218
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

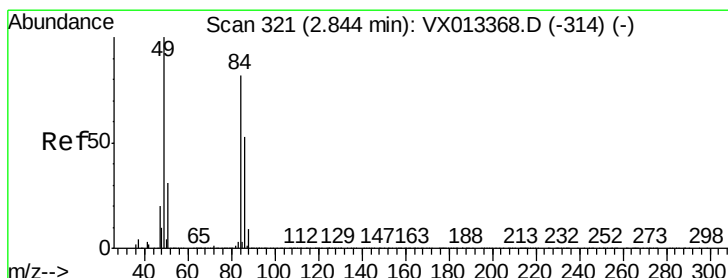
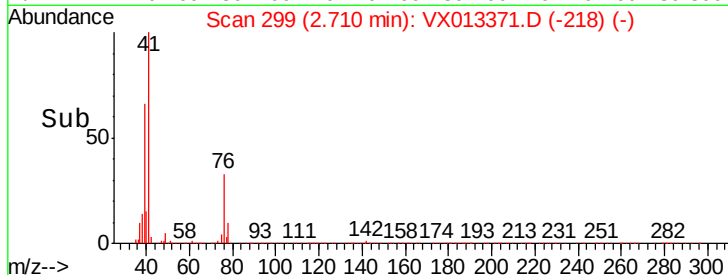
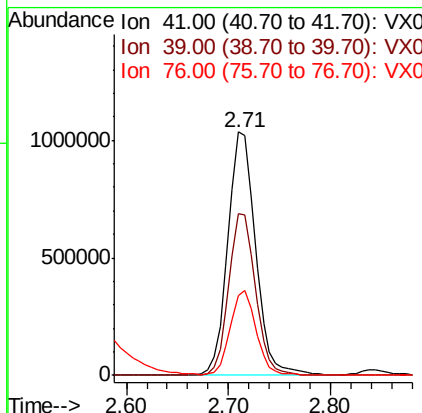
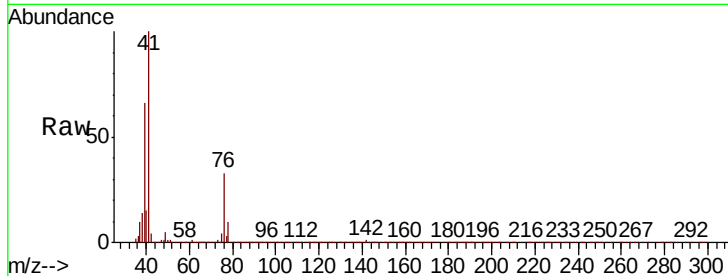




#17
Allvl chloride
Concen: 180.463 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

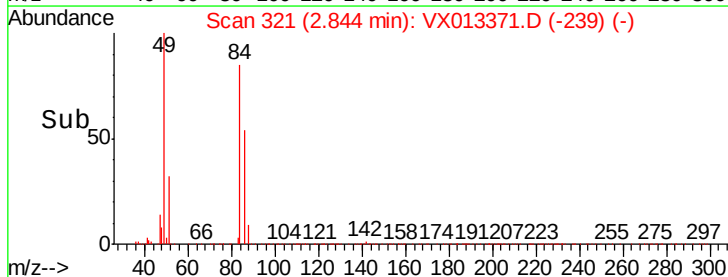
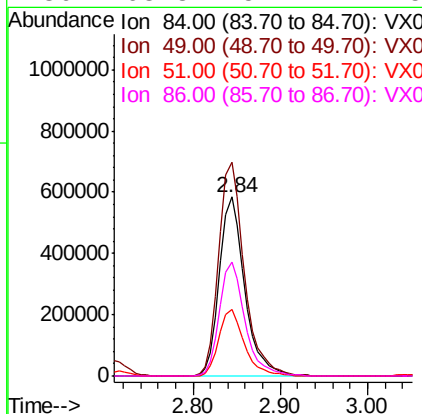
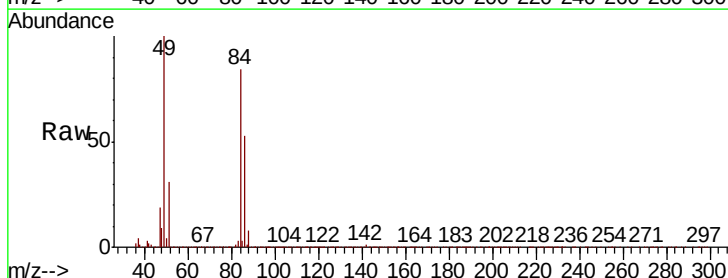
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

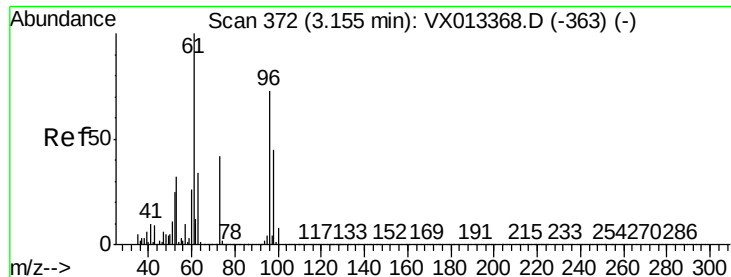
Tot Ion: 41 Resp: 1947837
Ion Ratio Lower Upper
41 100
39 66.2 36.1 108.3
76 32.9 18.1 54.4



#18
Methylene Chloride
Concen: 154.727 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 84 Resp: 1174099
Ion Ratio Lower Upper
84 100
49 119.4 96.8 145.2
51 37.0 30.0 45.0
86 63.8 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 160.912 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

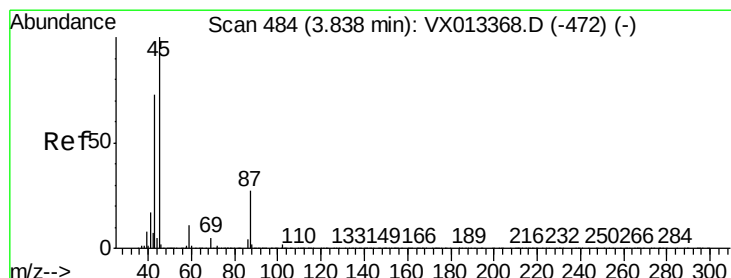
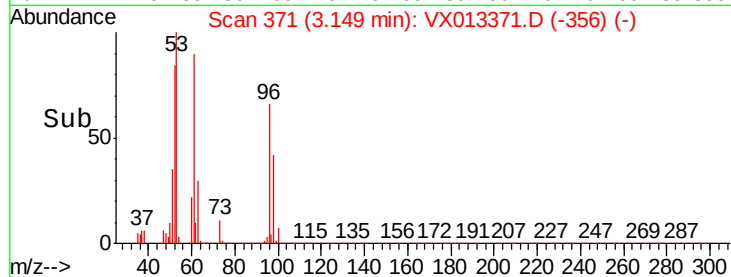
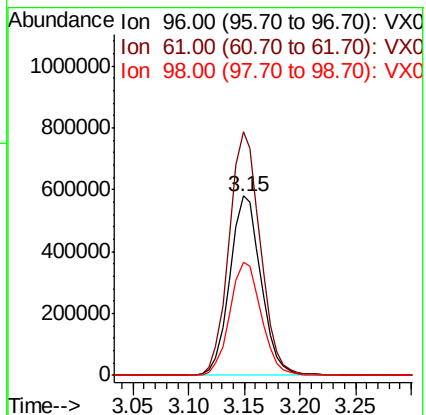
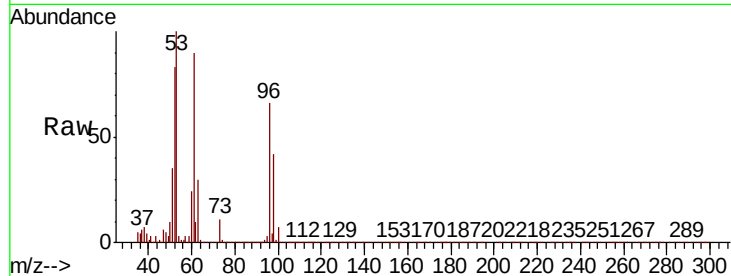
Tot Ion: 96 Resp: 1123694

Ion Ratio Lower Upper

96 100

61 136.0 109.9 164.9

98 63.5 49.7 74.5



#20

Diisopropyl ether

Concen: 178.018 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion: 45 Resp: 3694902

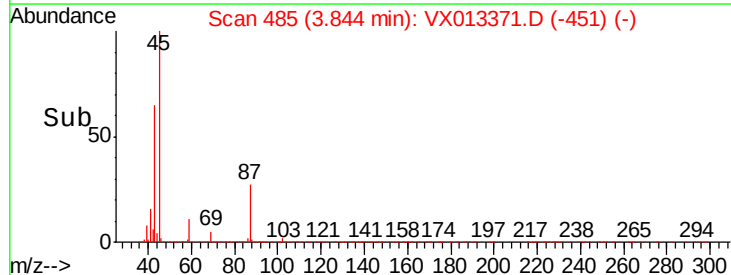
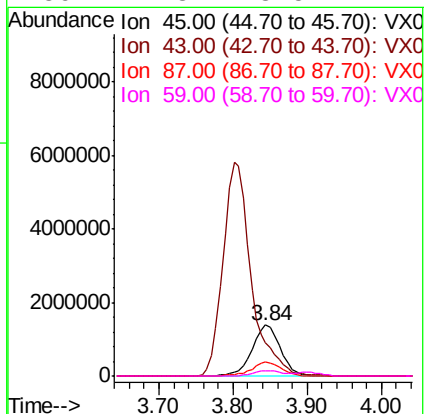
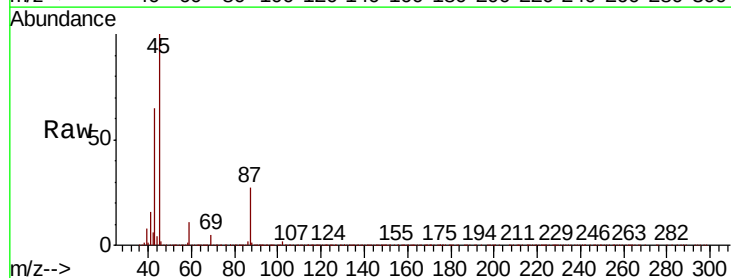
Ion Ratio Lower Upper

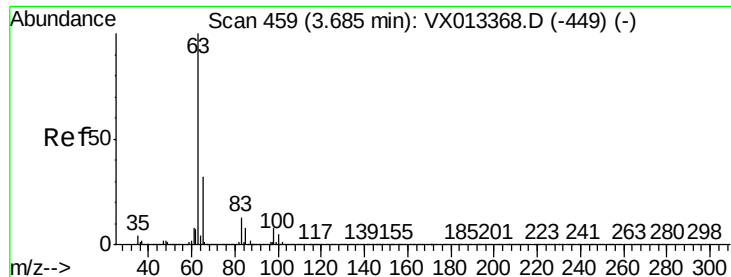
45 100

43 65.4 67.7 101.5#

87 27.1 21.5 32.3

59 11.3 8.5 12.7





#21

1,1-Dichloroethane

Concen: 162.752 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

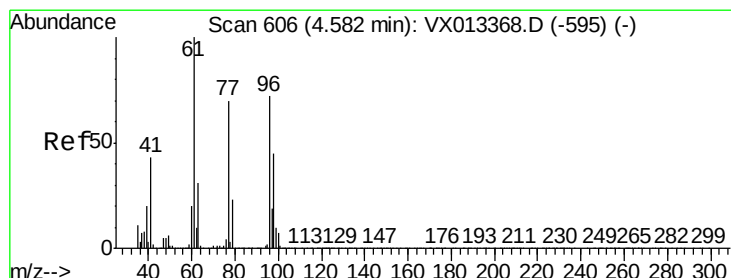
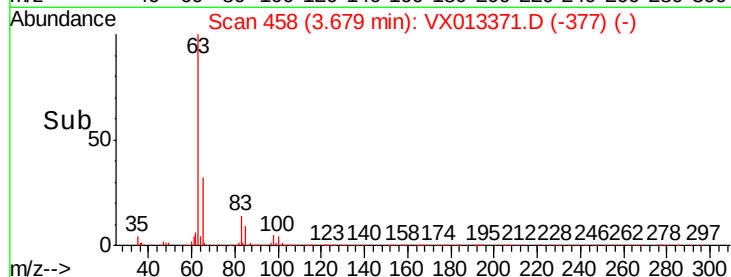
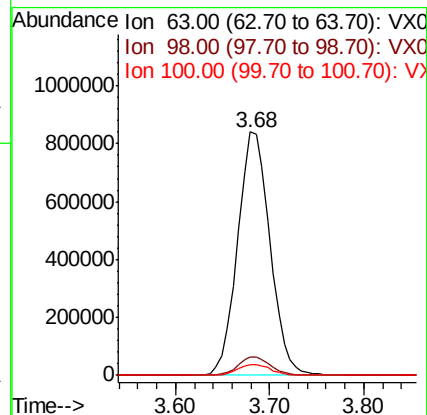
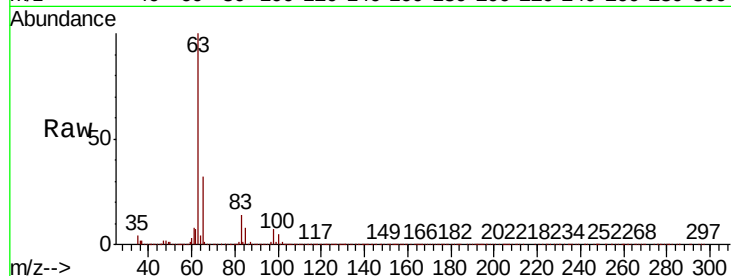
Tot Ion: 63 Resp: 2012522

Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

100 4.6 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 161.645 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

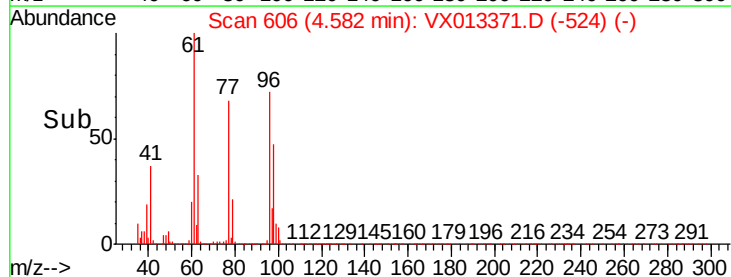
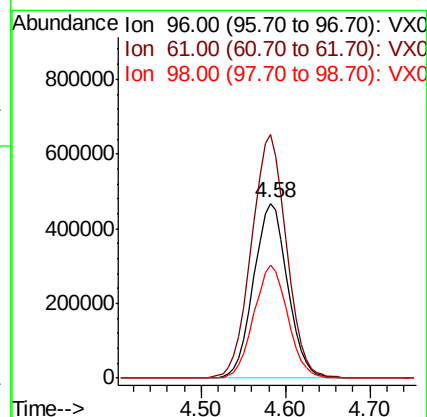
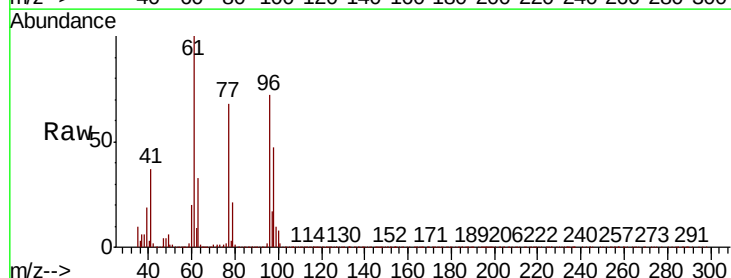
Tgt Ion: 96 Resp: 1284757

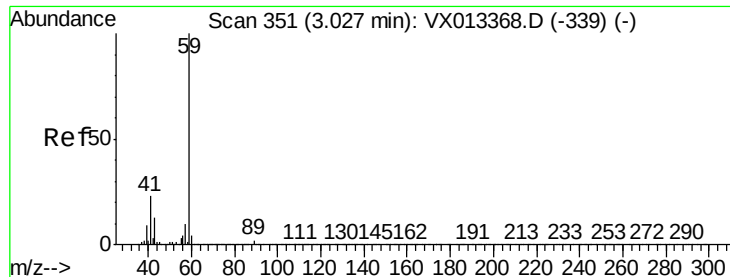
Ion Ratio Lower Upper

96 100

61 143.3 117.0 175.6

98 64.6 51.1 76.7



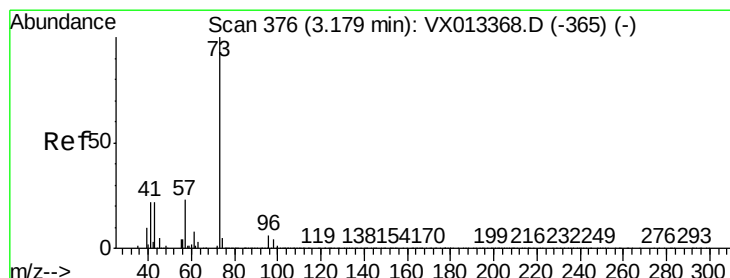
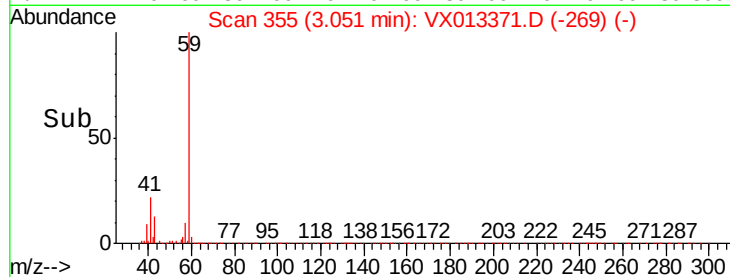
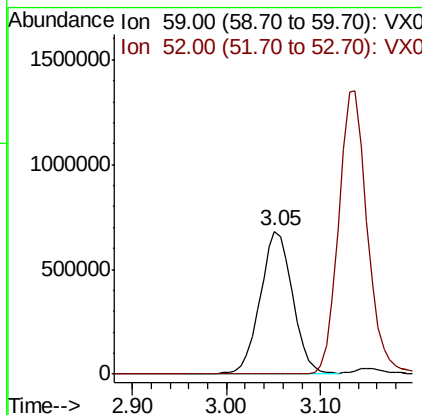
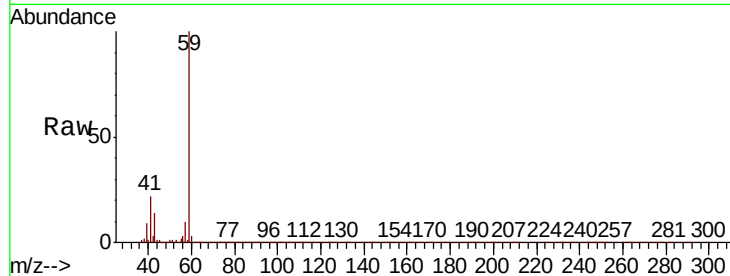


#23

tert-Butyl Alcohol
Concen: 875.774 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

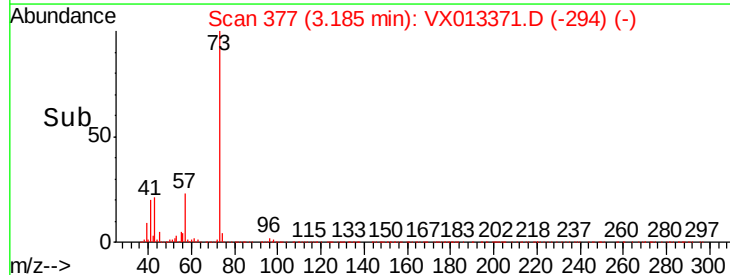
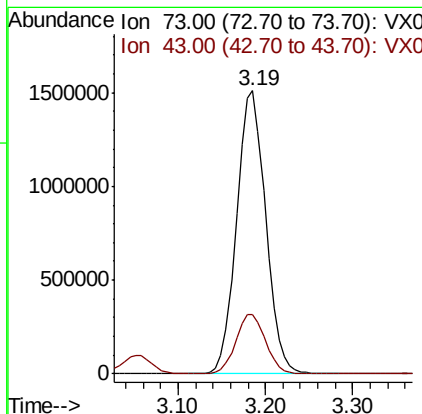
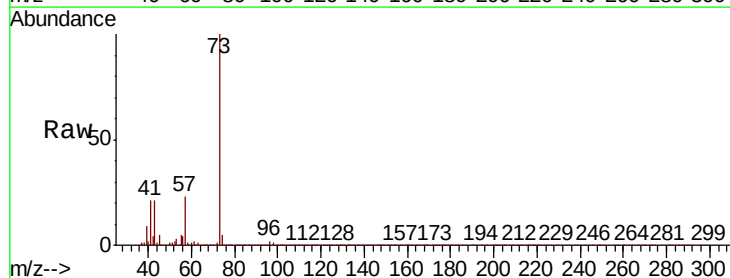
Tot Ion: 59 Resp: 1646573
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

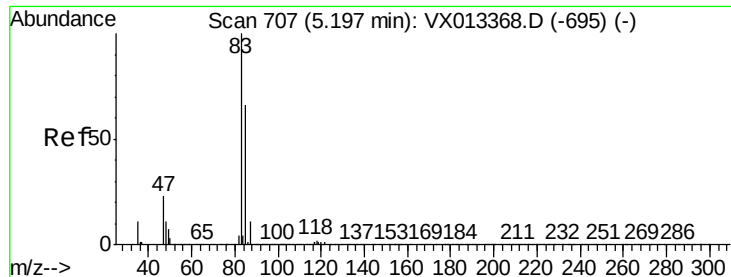


#24

Methyl tert-Butyl Ether
Concen: 154.451 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 73 Resp: 3489263
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6

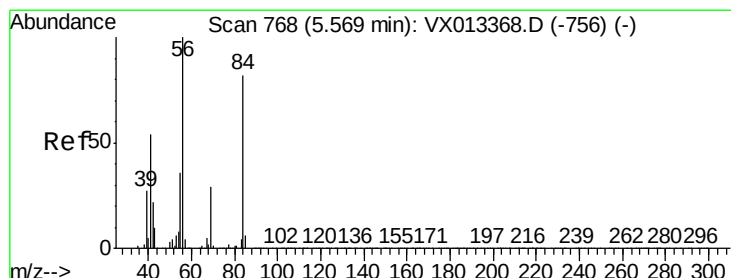
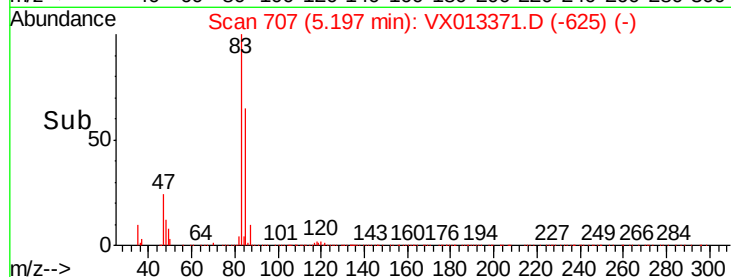
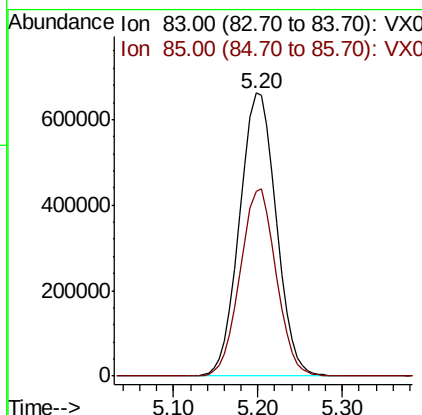
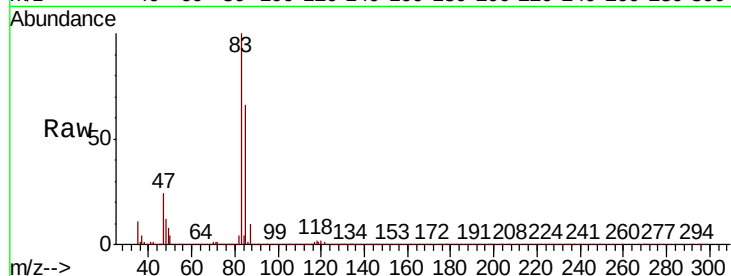




#25
Chloroform
Concen: 152.398 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

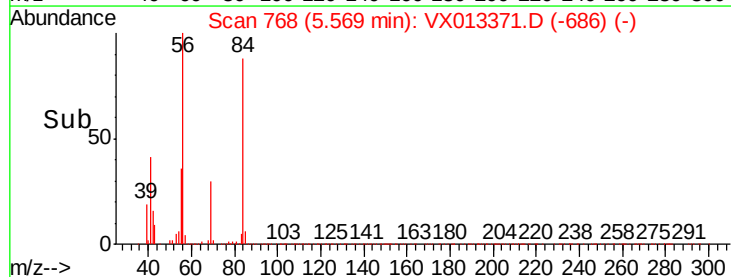
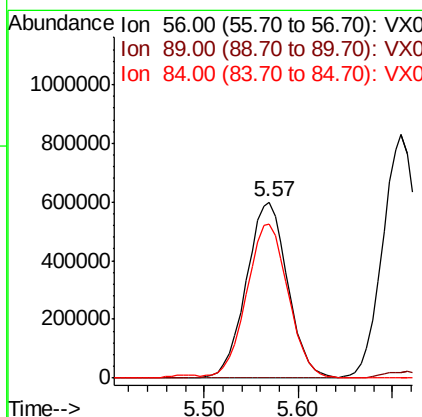
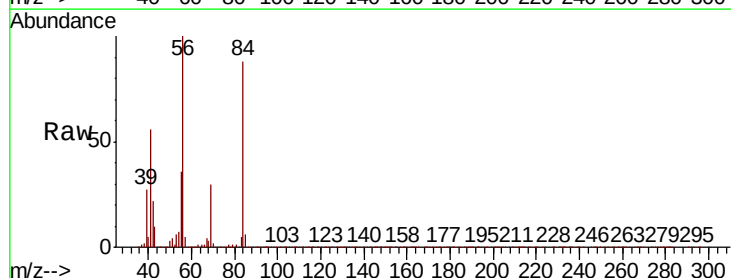
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

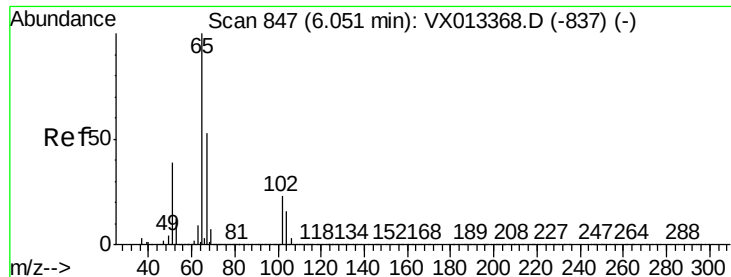
Tot Ion: 83 Resp: 1954752
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#26
Cyclohexane
Concen: 167.463 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 56 Resp: 1829222
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 88.7 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 29.195 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

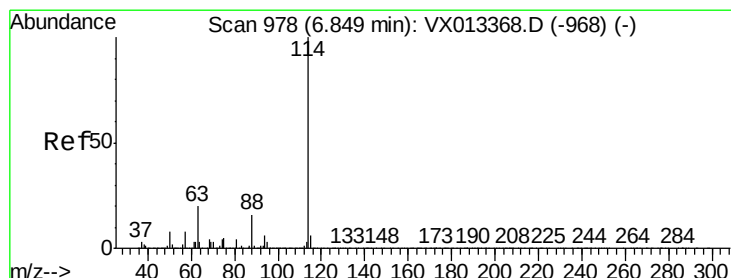
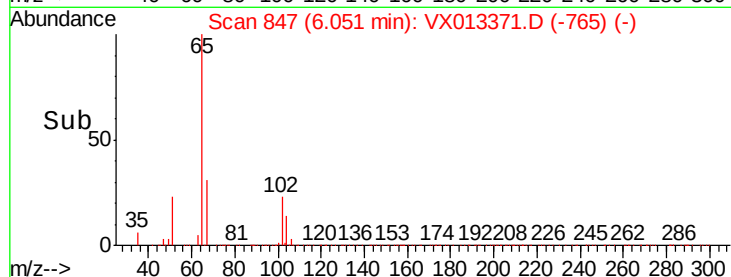
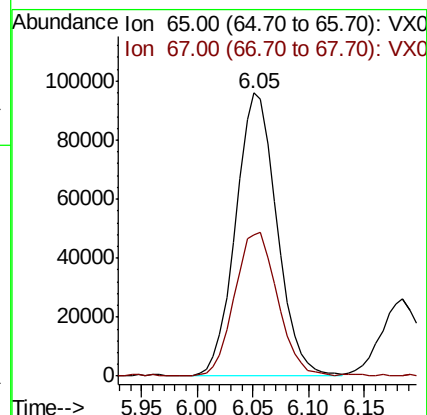
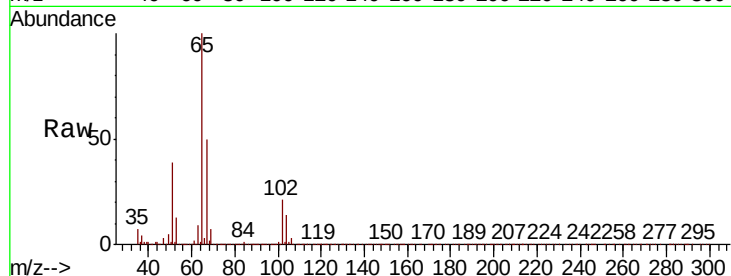
VSTDIC150

Tot Ion: 65 Resp: 244728

Ion Ratio Lower Upper

65 100

67 52.8 41.0 61.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

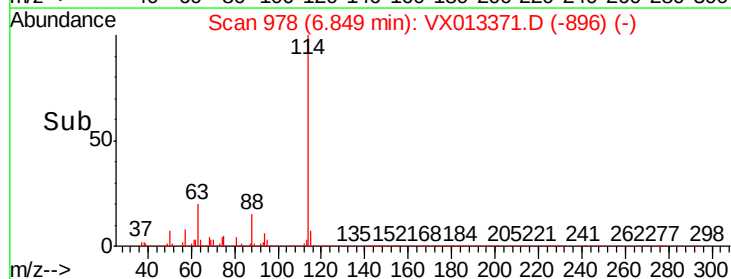
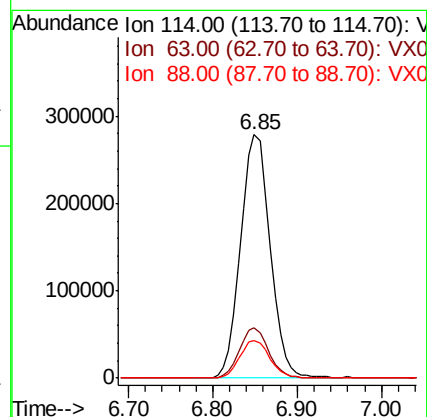
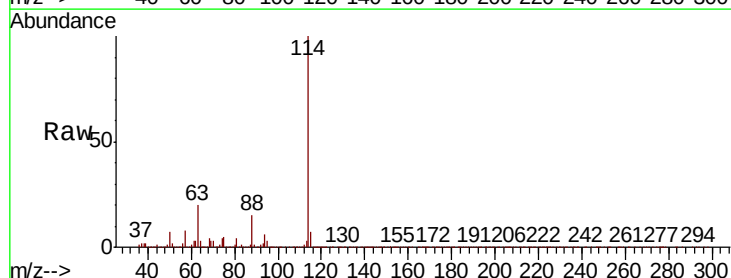
Tgt Ion: 114 Resp: 661906

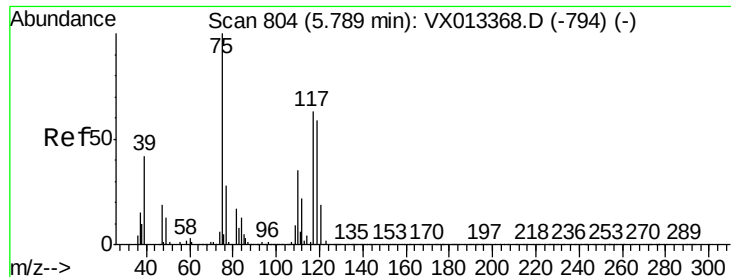
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.6 12.3 18.5

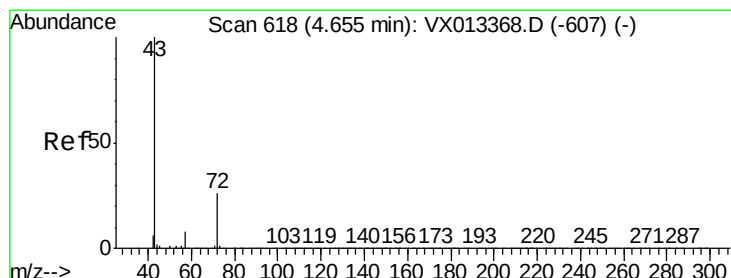
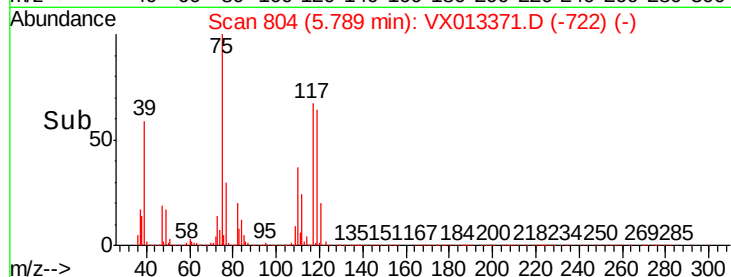
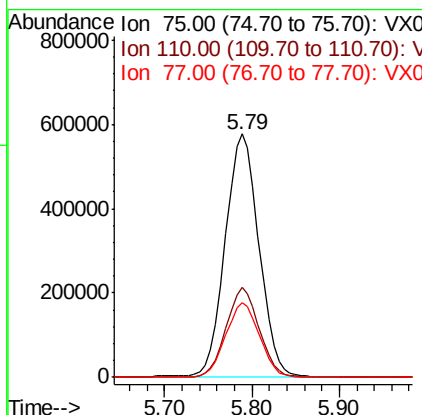
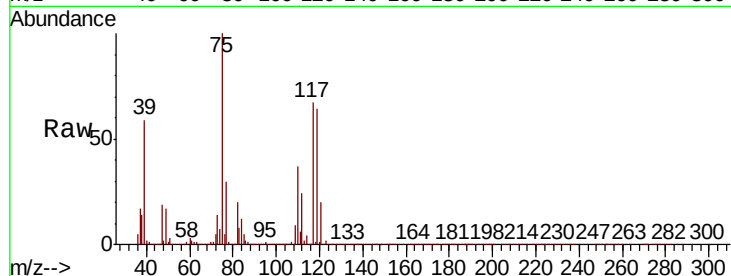




#29
 1,1-Dichloropropene
 Concen: 153.618 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

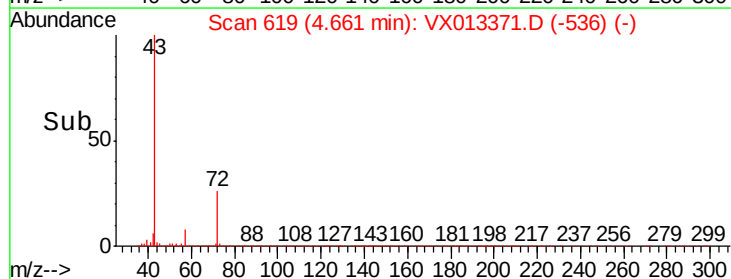
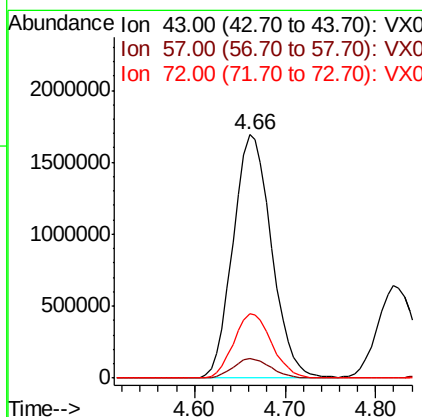
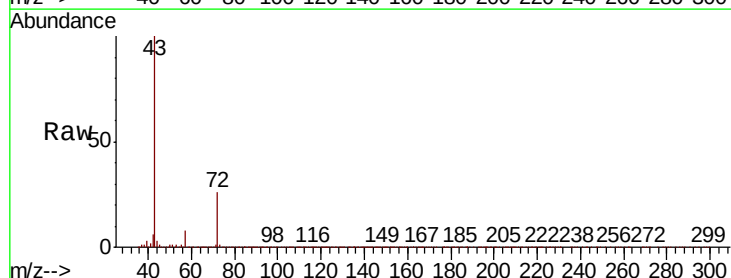
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

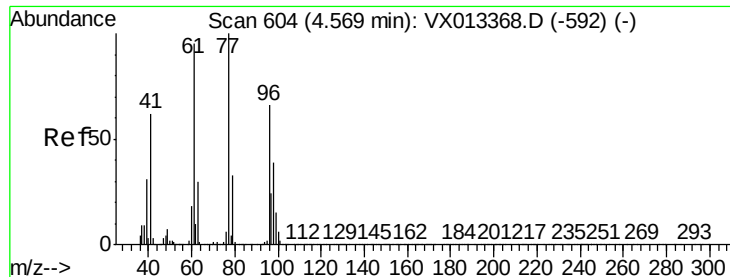
Tot Ion: 75 Resp: 1549220
 Ion Ratio Lower Upper
 75 100
 110 36.2 0.0 74.6
 77 30.8 0.0 62.6



#30
 2-Butanone
 Concen: 885.769 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 4969498
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.1 9.1
 72 26.1 20.5 30.7





#31

2,2-Dichloropropane

Concen: 141.499 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

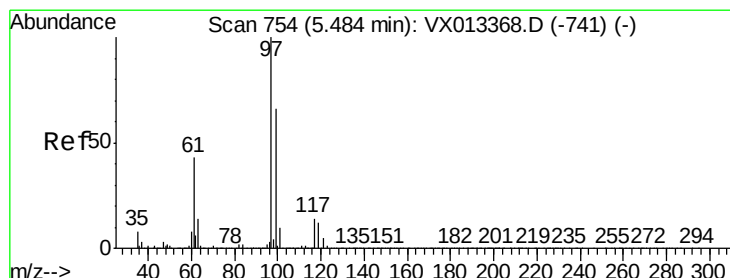
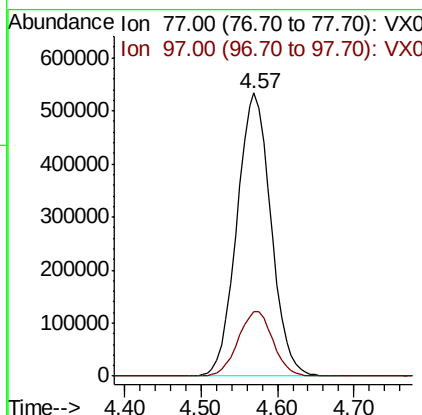
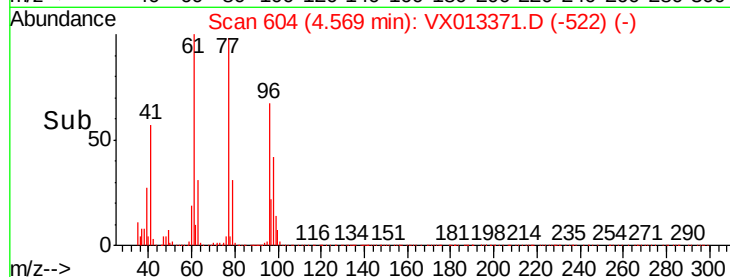
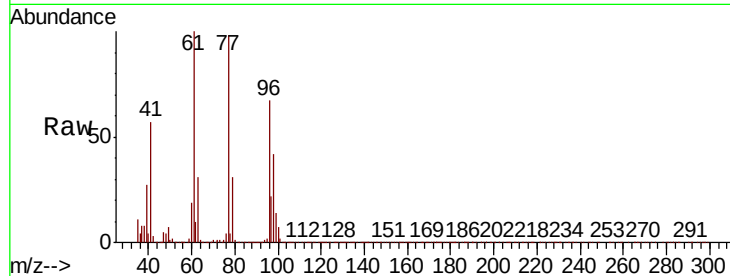
Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 77 Resp: 1646299

Ion	Ratio	Lower	Upper
77	100		
97	23.4	19.2	28.8



#32

1,1,1-Trichloroethane

Concen: 141.369 ug/l

RT: 5.48 min Scan# 754

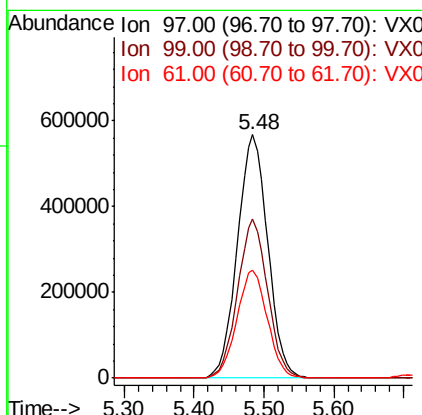
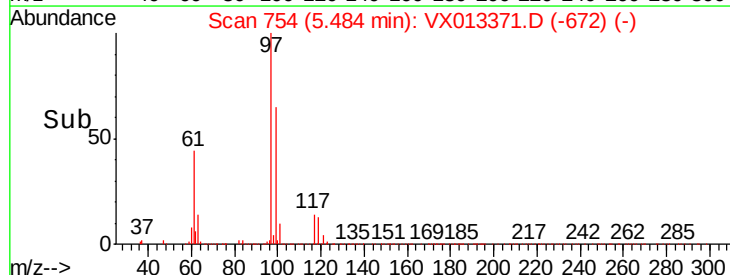
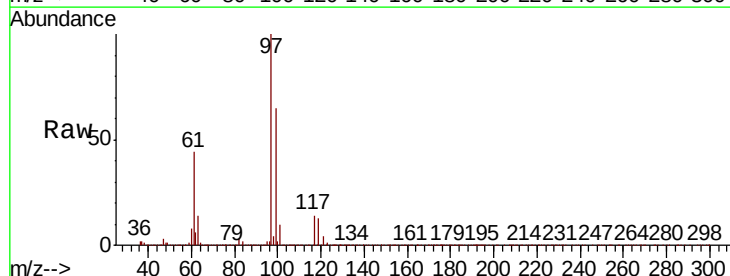
Delta R.T. 0.00 min

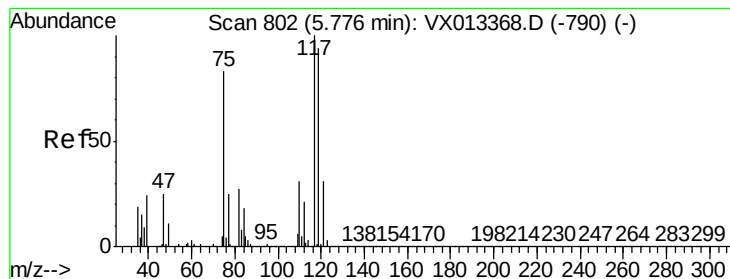
Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion: 97 Resp: 1712121

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.5	78.7
61	44.7	36.1	54.1





#33

Carbon Tetrachloride

Concen: 143.530 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

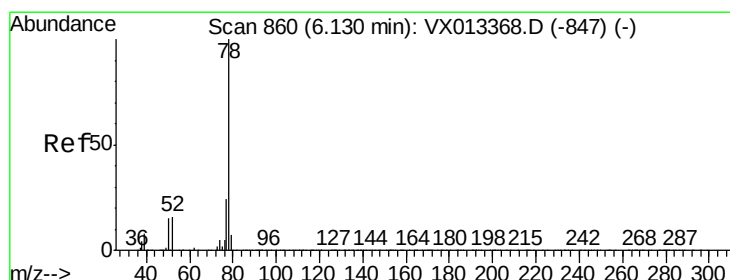
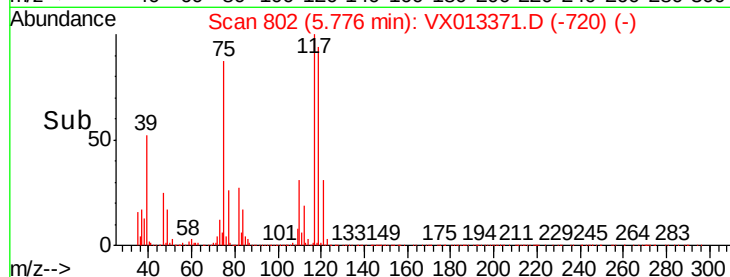
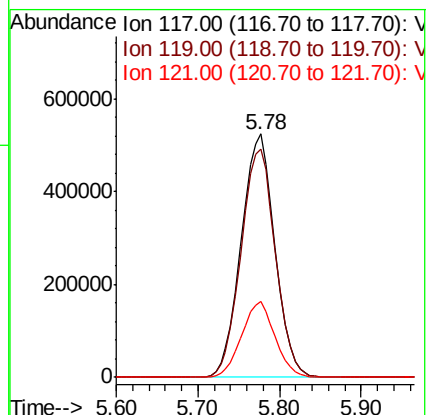
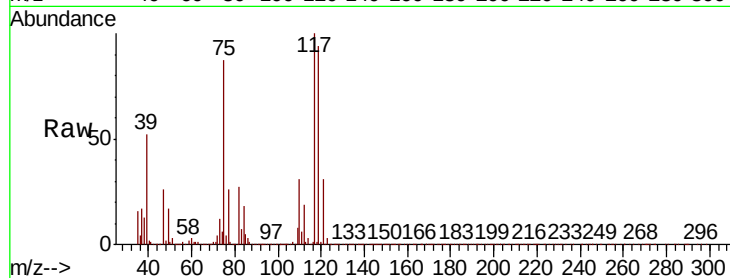
Tot Ion:117 Resp: 1500210

Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.6

121 31.1 24.9 37.3



#34

Benzene

Concen: 155.359 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

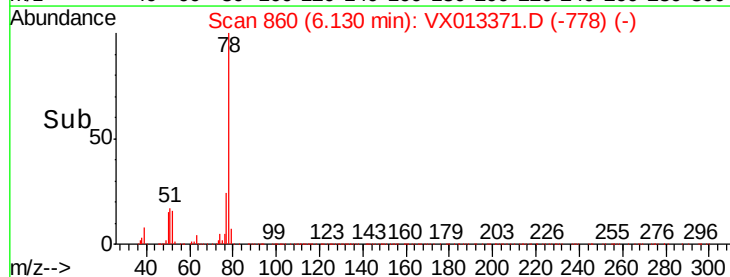
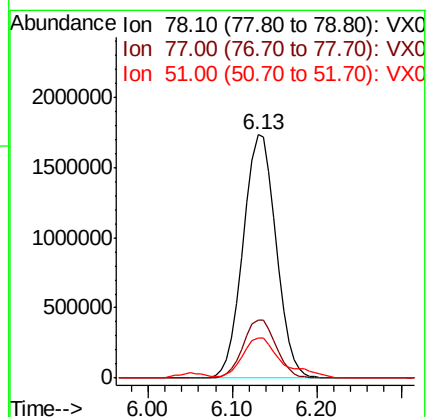
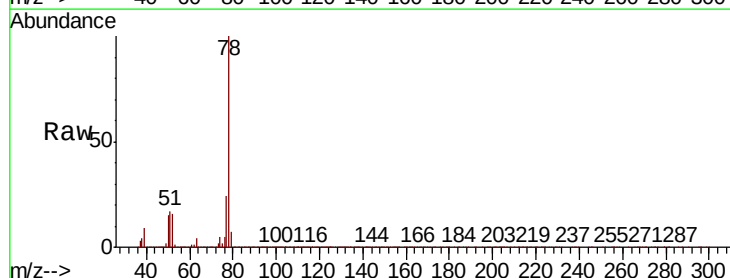
Tgt Ion: 78 Resp: 4580141

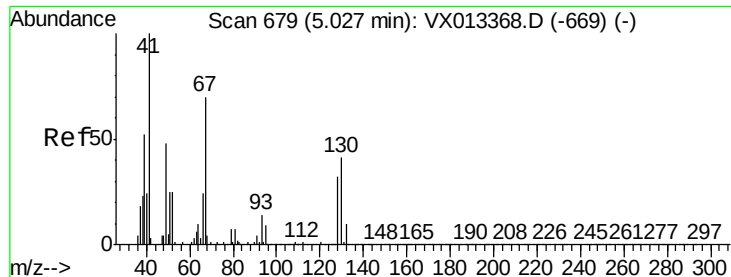
Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

51 16.4 12.2 18.4

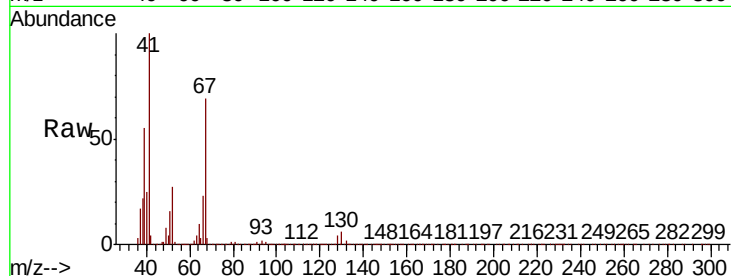




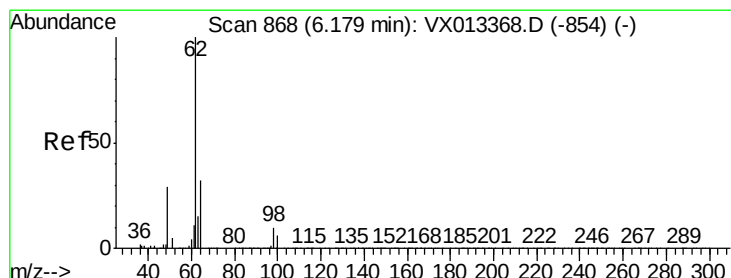
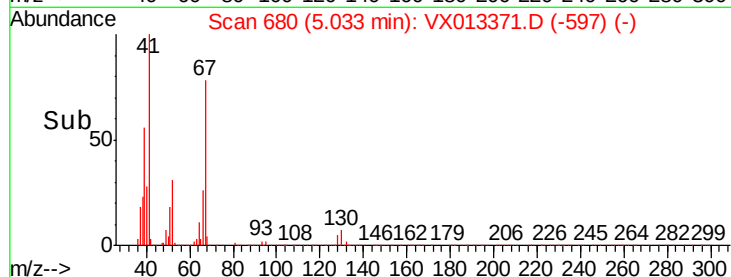
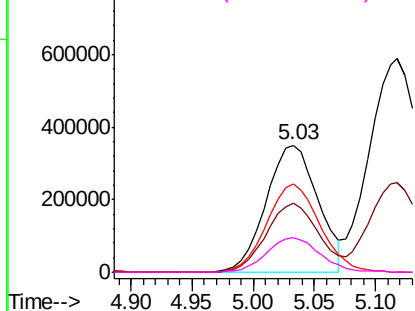
#35
Methacrylonitrile
Concen: 180.482 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	1031571
Ion	Ratio	Lower	Upper
41	100		
39	54.9	25.9	77.8
67	69.2	35.1	105.5
52	27.2	12.5	37.5

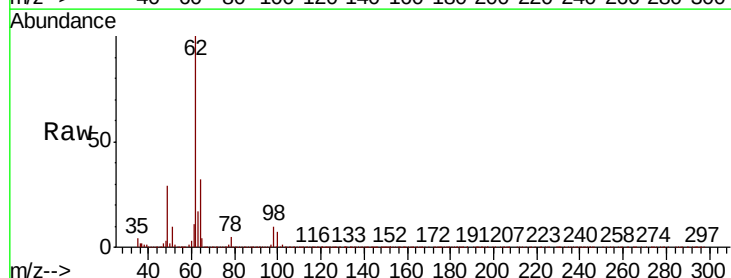


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

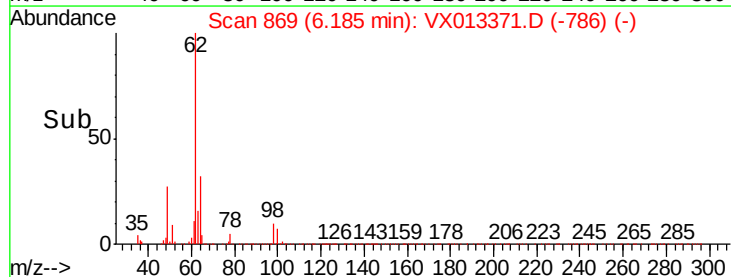
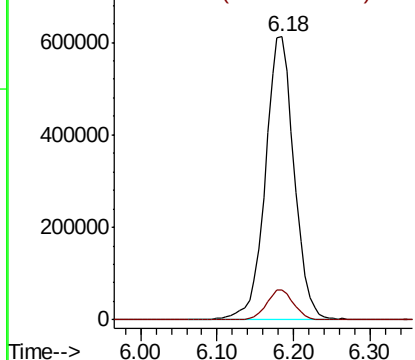


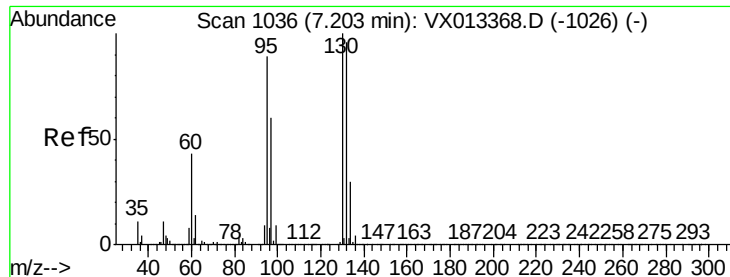
#36
1,2-Dichloroethane
Concen: 145.694 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:	62	Resp:	1601010
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.2	12.2



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

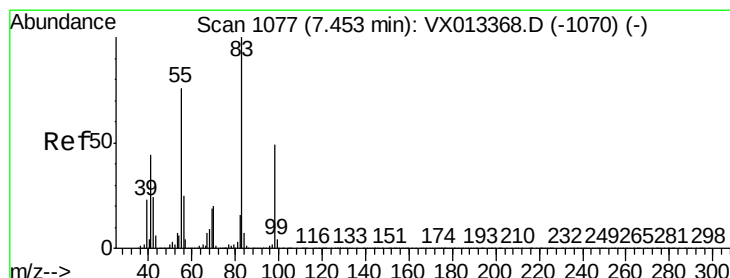
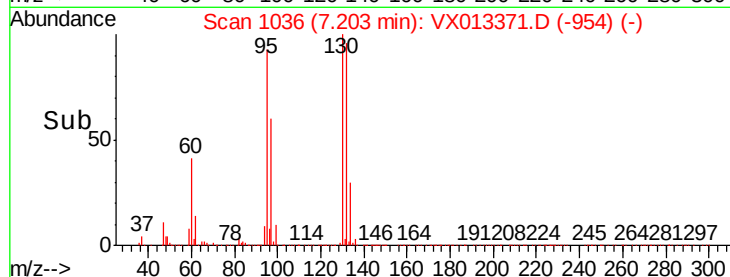
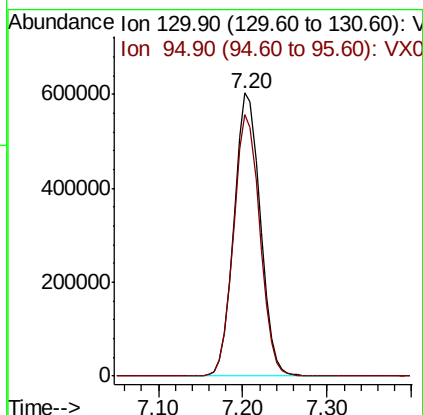
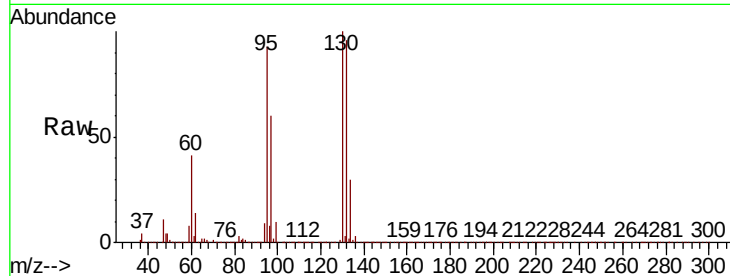




#37
 Trichloroethene
 Concen: 156.239 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

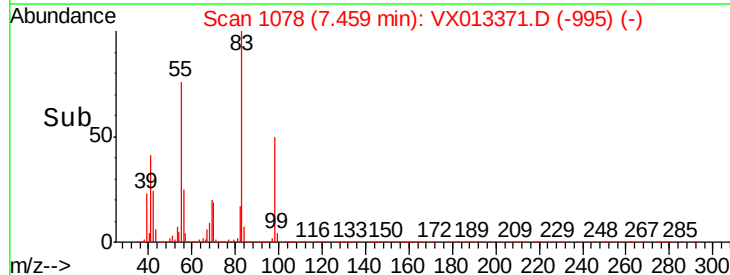
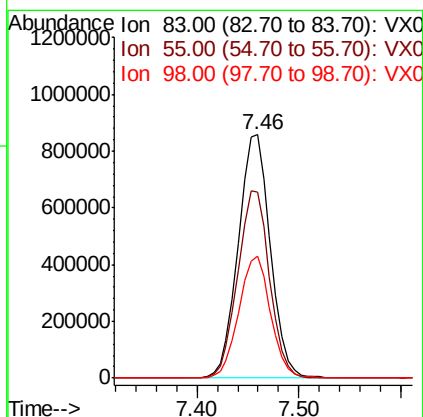
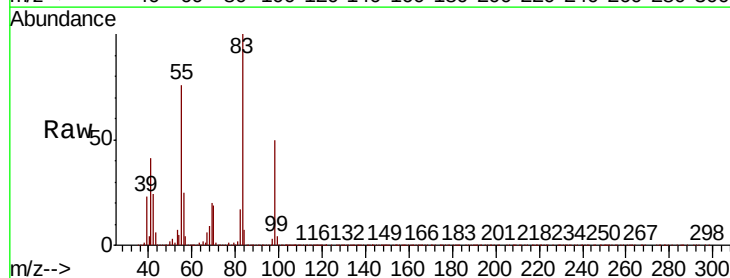
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

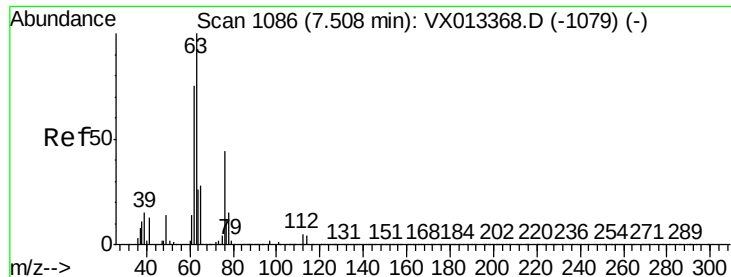
Tot Ion:130 Resp: 1267598
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.3 106.9



#38
 Methylcyclohexane
 Concen: 150.806 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 83 Resp: 1874857
 Ion Ratio Lower Upper
 83 100
 55 76.5 37.9 113.7
 98 49.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 161.422 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

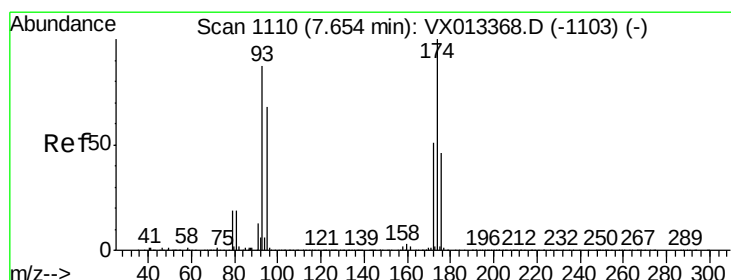
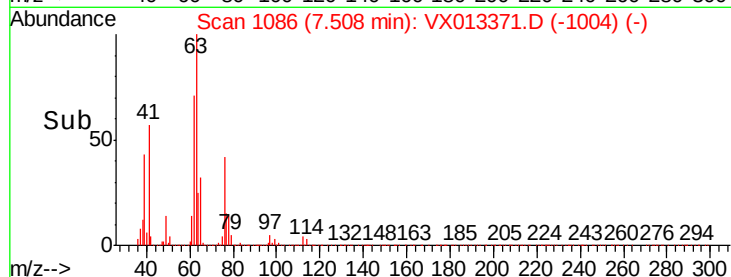
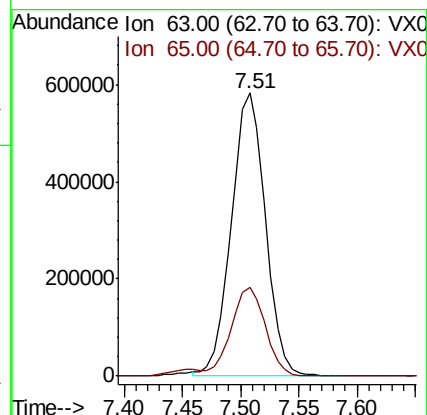
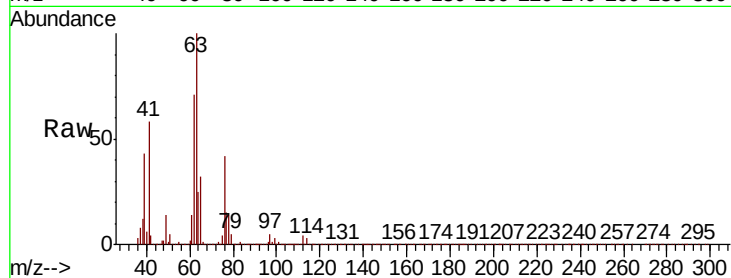
VSTDIC150

Tot Ion: 63 Resp: 1178744

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.8



#40

Dibromomethane

Concen: 153.320 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

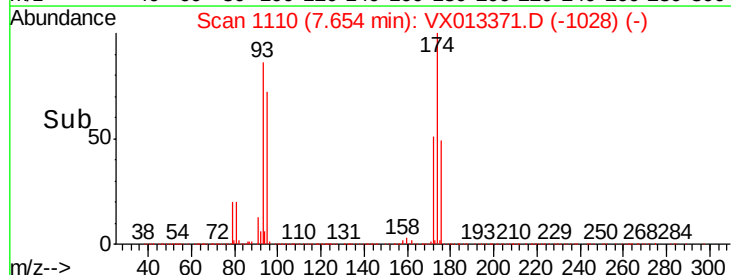
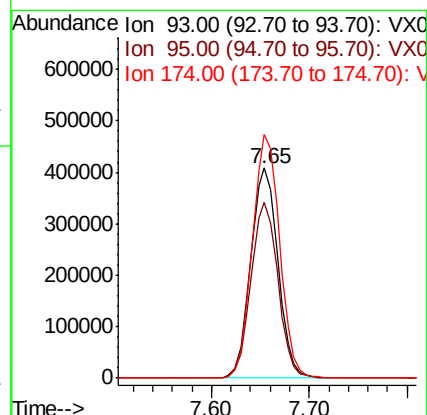
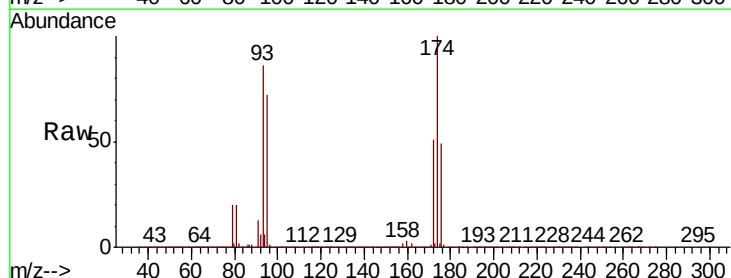
Tgt Ion: 93 Resp: 789135

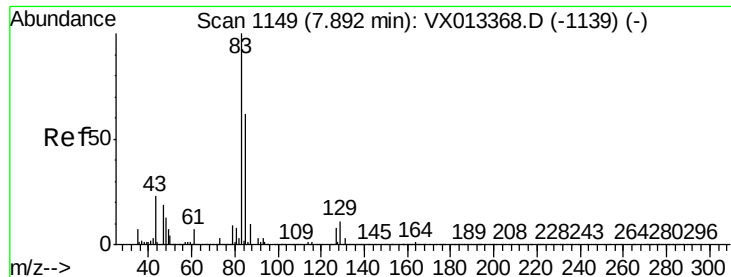
Ion Ratio Lower Upper

93 100

95 82.9 0.0 160.8

174 116.1 0.0 228.8





#41

Bromodichloromethane

Concen: 153.875 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

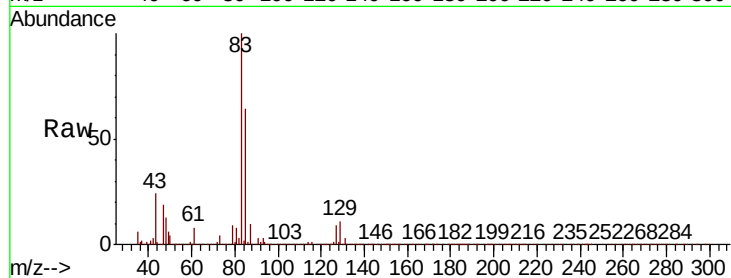
Tot Ion: 83 Resp: 1593370

Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.3	73.9
127	8.6	6.6	10.0

83 100

85 64.0 49.3 73.9

127 8.6 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V

7.89

800000

600000

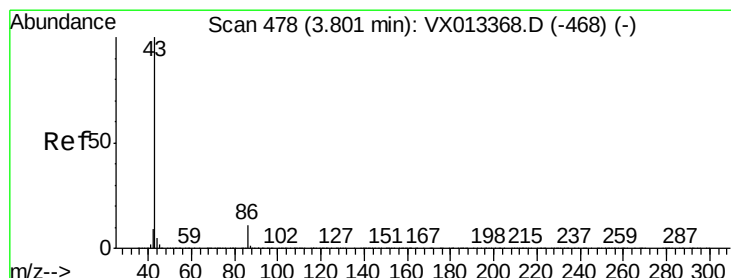
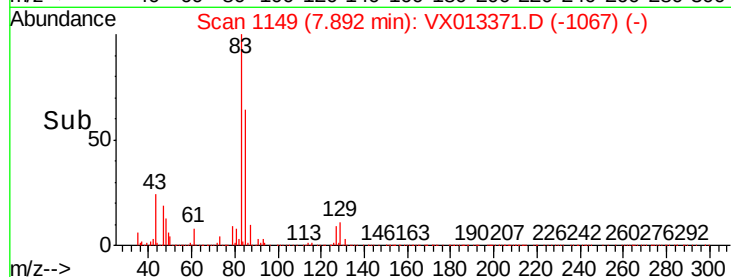
400000

200000

0

Time-->

7.80 7.85 7.90 7.95



#42

Vinyl Acetate

Concen: 814.983 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013371.D

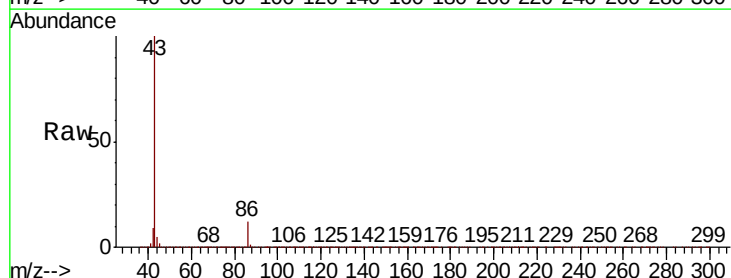
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 15429228

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.6	11.4

43 100

86 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

6000000

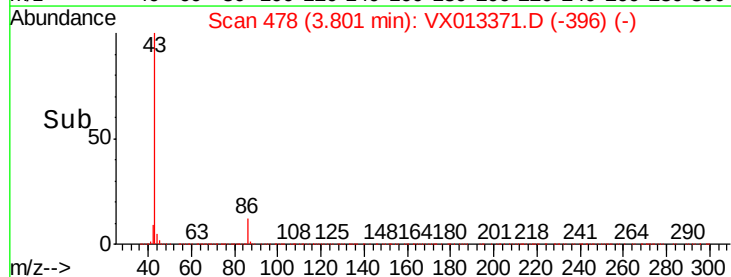
4000000

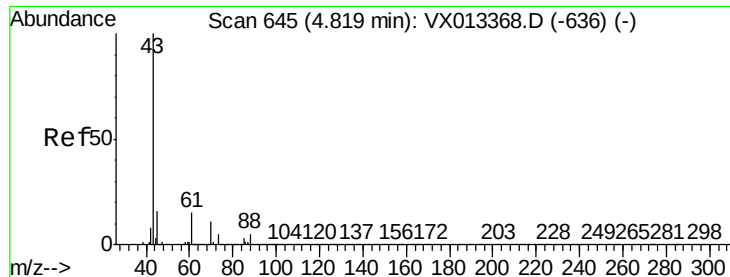
2000000

0

Time-->

3.70 3.80 3.90 4.00





#43

Ethyl Acetate

Concen: 182.131 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

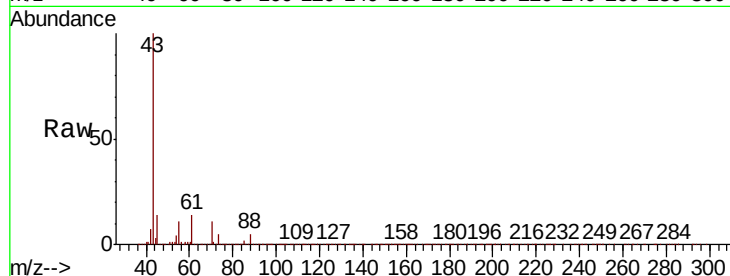
VSTDIC150

Tot Ion: 43 Resp: 1869431

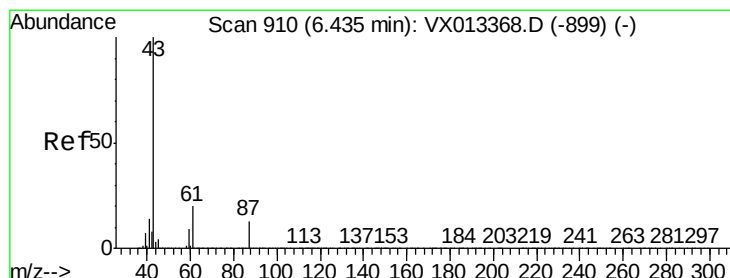
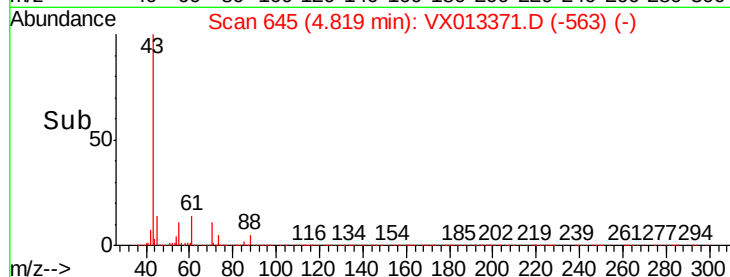
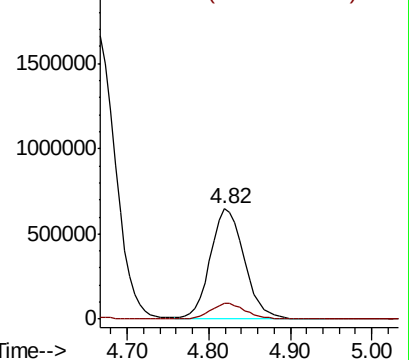
Ion Ratio Lower Upper

43 100

45 14.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX013368.D (-636) (-)



#44

Isopropyl Acetate

Concen: 180.528 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013371.D

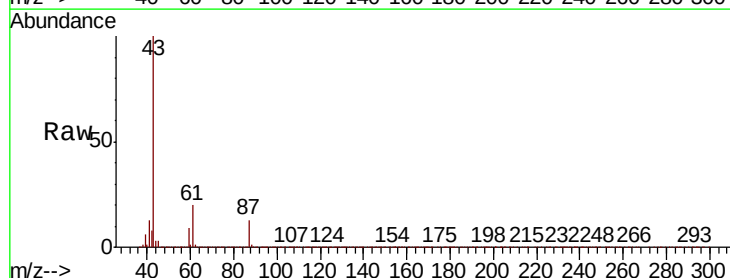
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 3044927

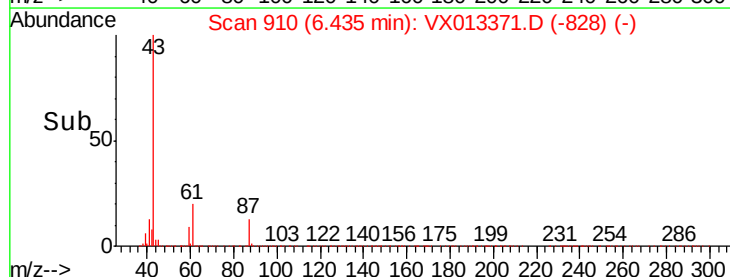
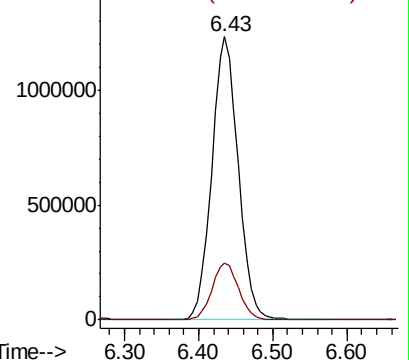
Ion Ratio Lower Upper

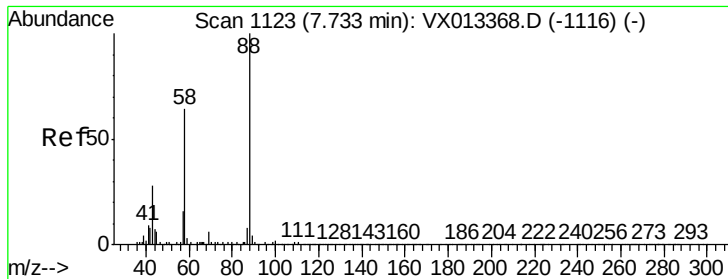
43 100

61 20.4 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX013368.D (-899) (-)





#45

1,4-Dioxane

Concen: 3313.096 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

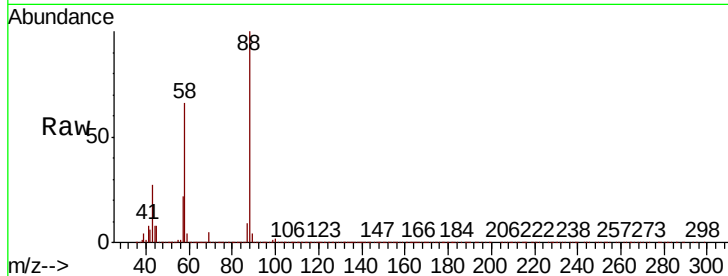
Tot Ion: 88 Resp: 683360

Ion Ratio Lower Upper

88 100

43 31.4 26.1 39.1

58 68.4 55.8 83.8

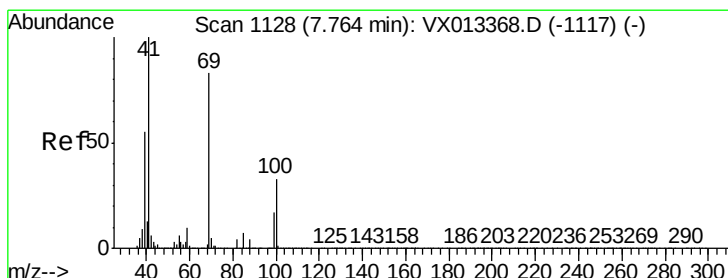
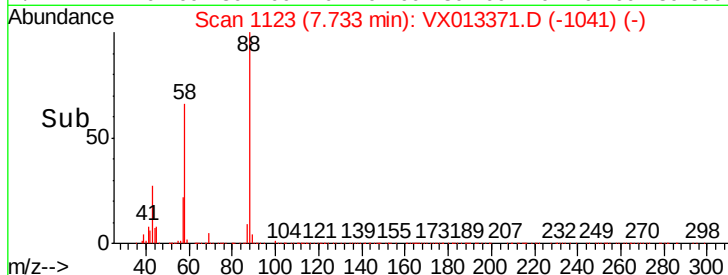
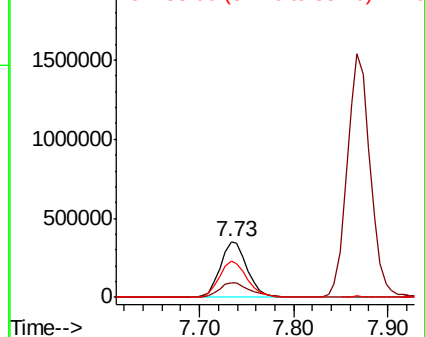


Abundance

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: 184.928 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

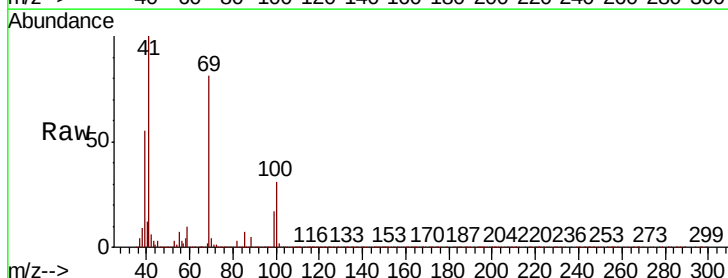
Tgt Ion: 41 Resp: 1535472

Ion Ratio Lower Upper

41 100

69 81.4 41.4 124.4

39 54.9 27.9 83.6

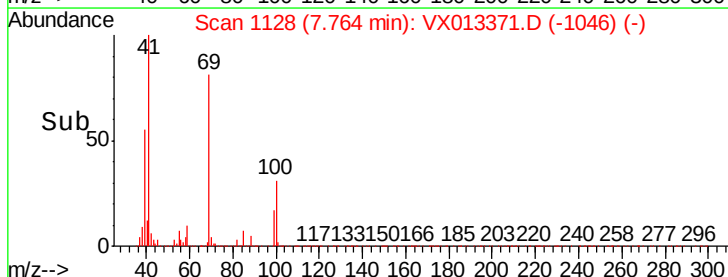
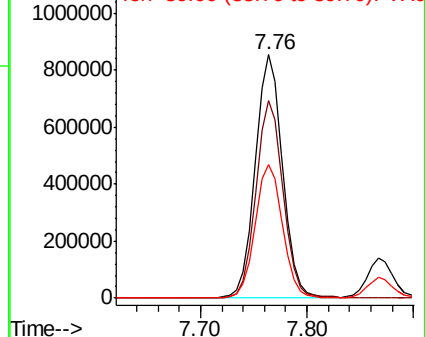


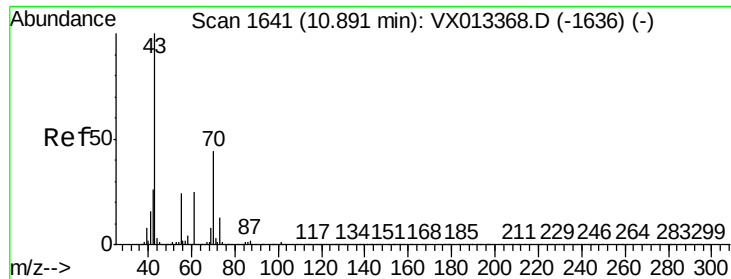
Abundance

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

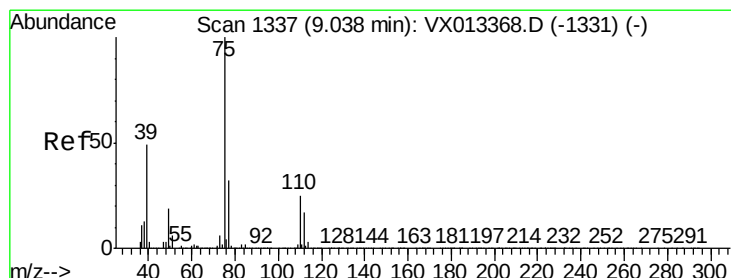
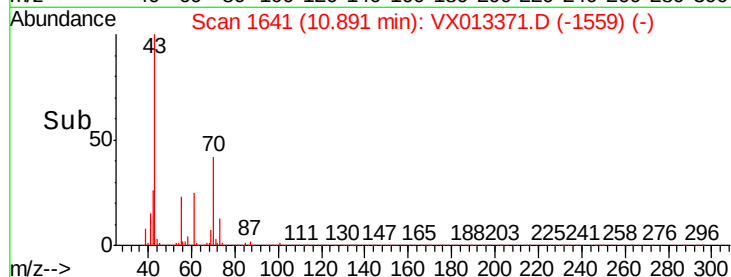
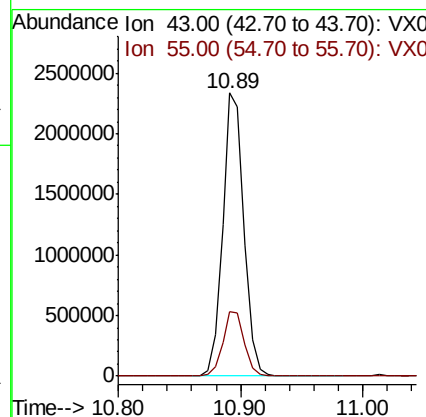
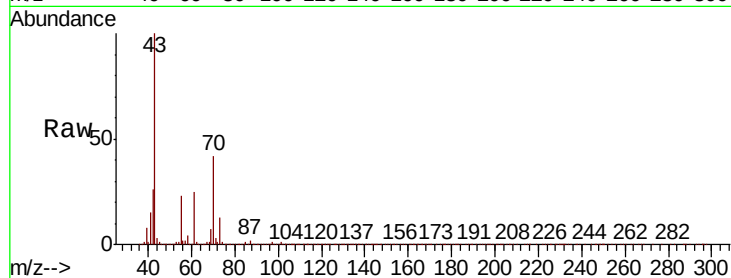




#47
n-amvl Acetate
Concen: 194.773 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

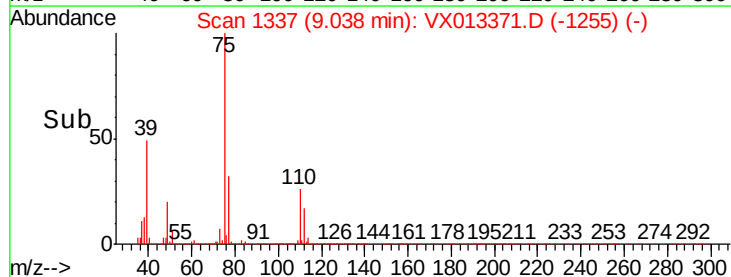
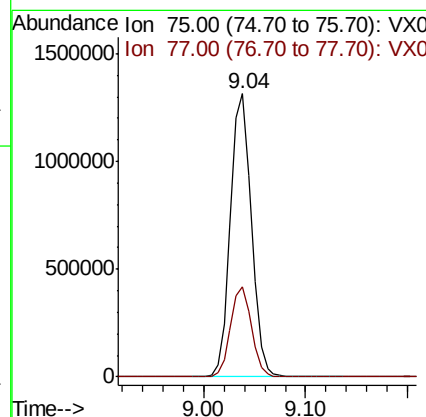
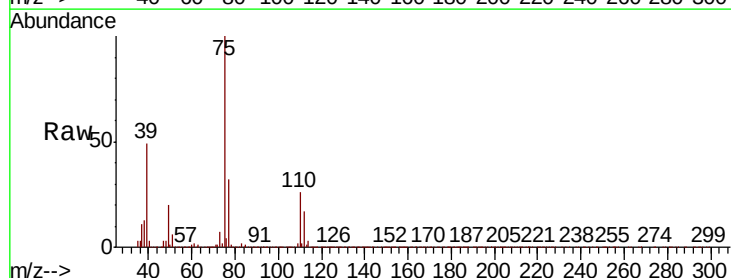
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

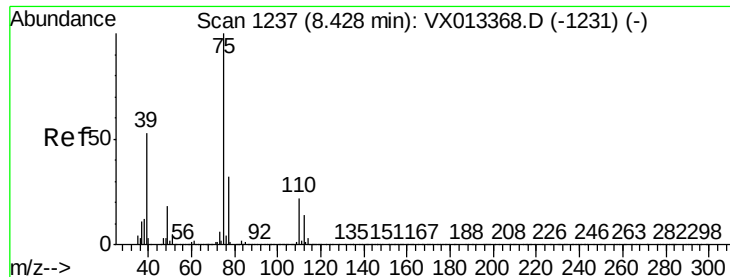
Tot Ion: 43 Resp: 2809568
Ion Ratio Lower Upper
43 100
55 23.2 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 164.181 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 1867518
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



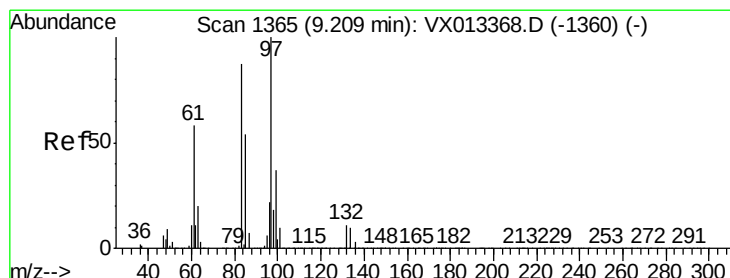
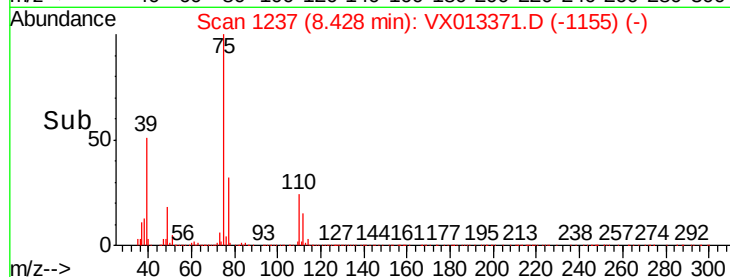
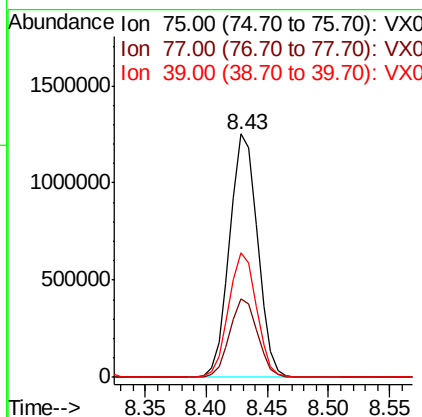
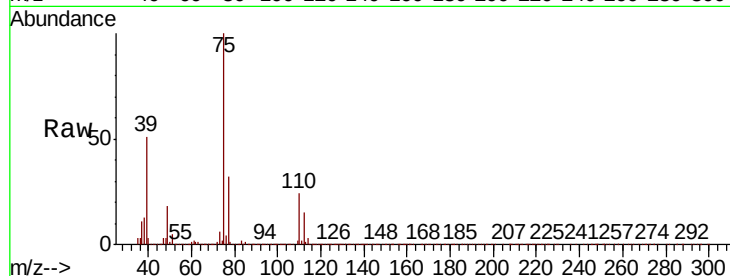


#49

cis-1,3-Dichloropropene
Concen: 159.513 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

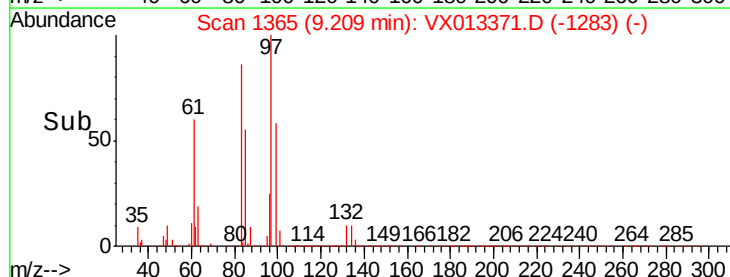
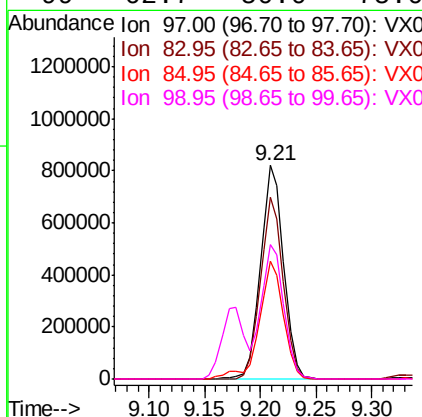
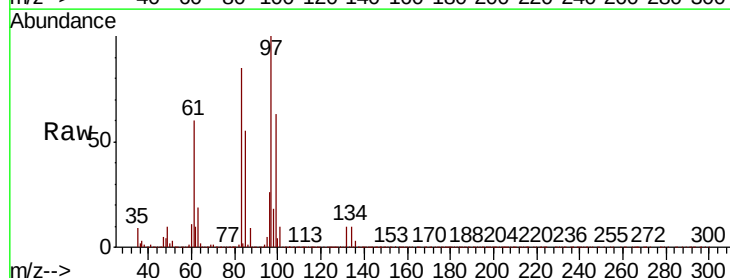
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	51.2	42.2	63.4

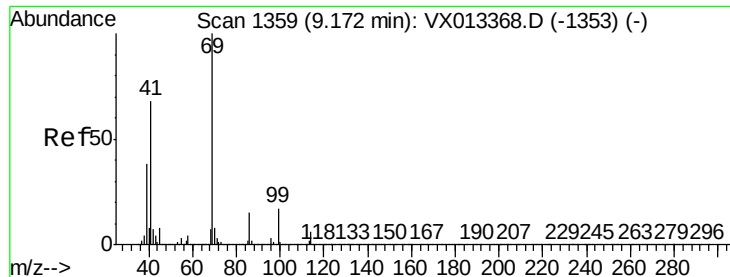


#50

1,1,2-Trichloroethane
Concen: 155.719 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.6	104.4
85	55.1	45.5	68.3
99	62.7	50.0	75.0



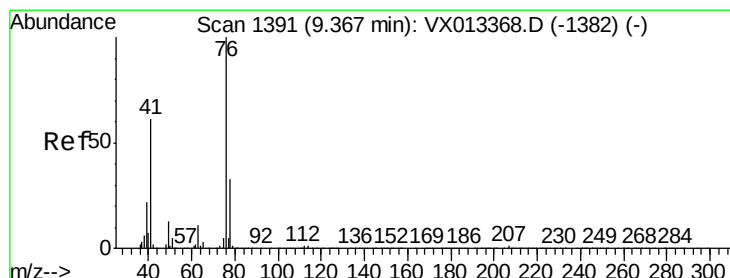
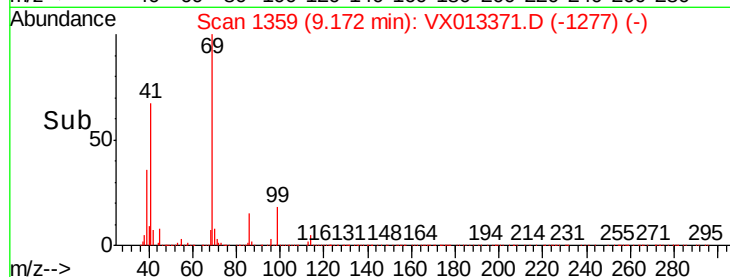
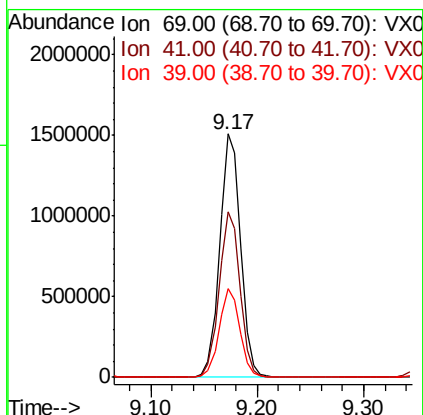
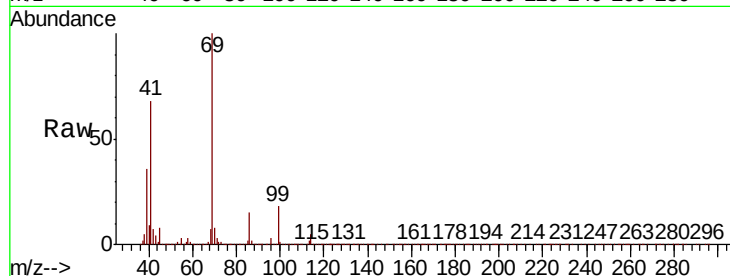


#51
Ethyl methacrylate
Concen: 171.102 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 69 Resp: 2056783

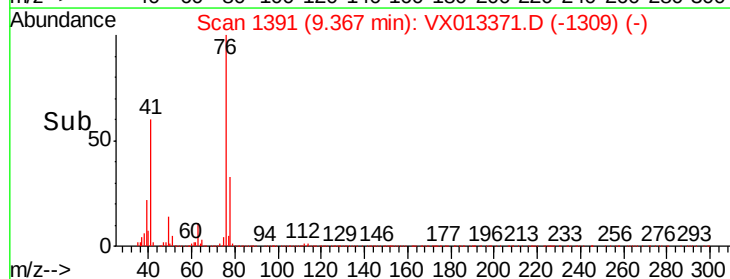
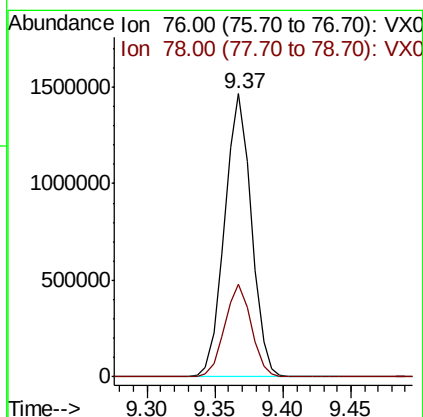
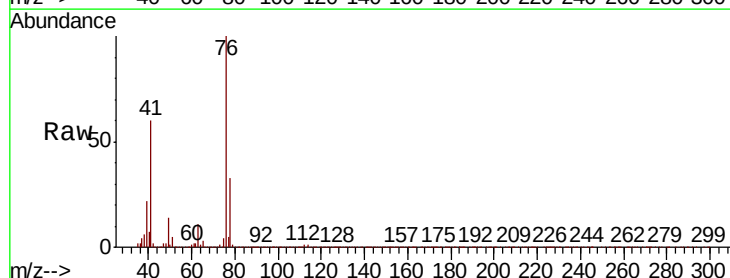
Ion	Ratio	Lower	Upper
69	100		
41	68.0	33.9	101.6
39	36.2	18.8	56.4

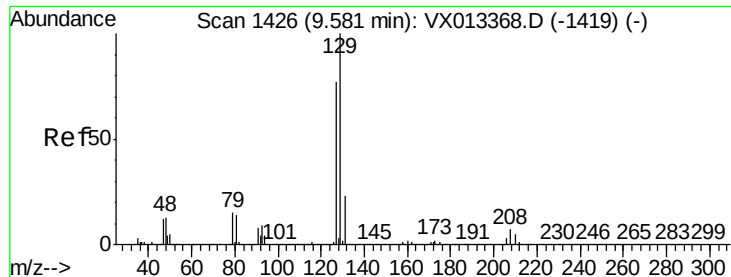


#52
1,3-Dichloropropane
Concen: 155.863 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 76 Resp: 2005442

Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





#53

Dibromochloromethane

Concen: 161.145 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

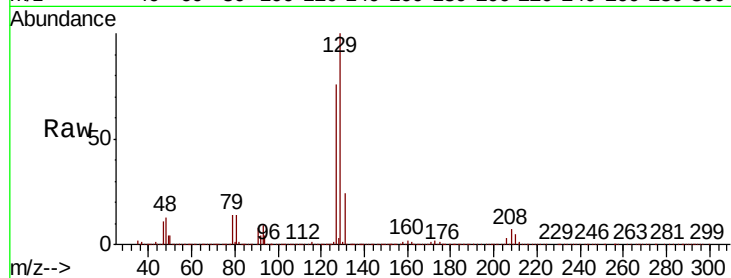
VSTDIC150

Tot Ion:129 Resp: 1320229

Ion Ratio Lower Upper

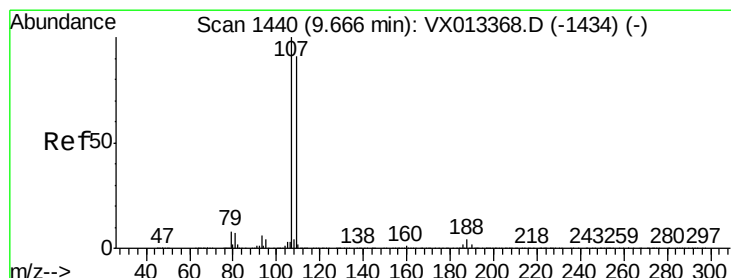
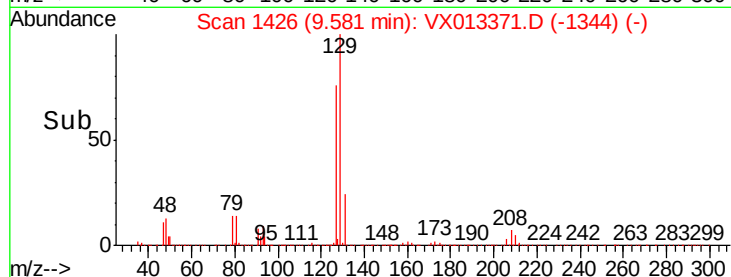
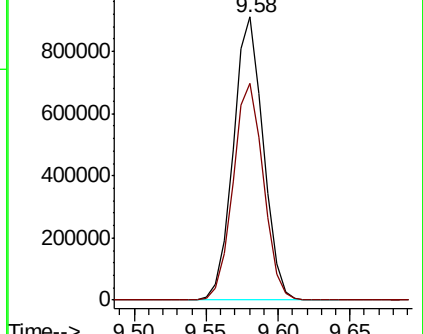
129 100

127 77.7 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 156.330 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX013371.D

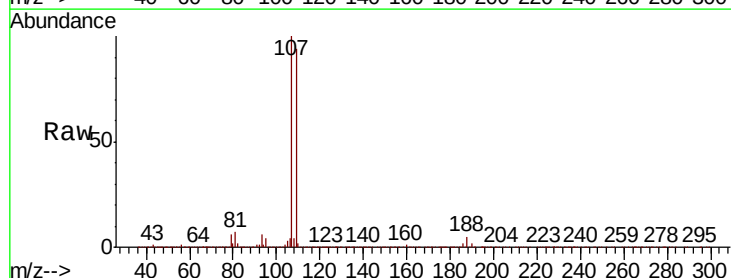
Acq: 11 Nov 2019 18:02

Tgt Ion:107 Resp: 1272743

Ion Ratio Lower Upper

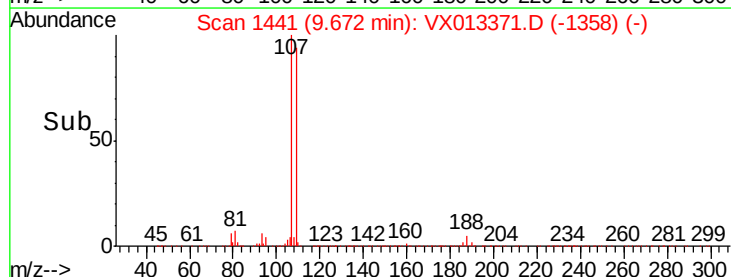
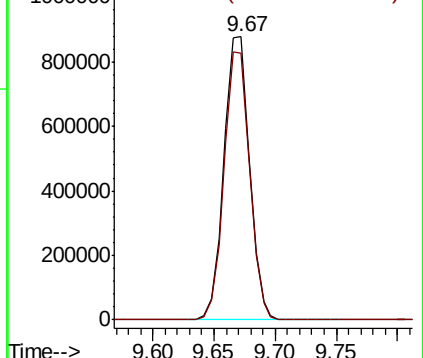
107 100

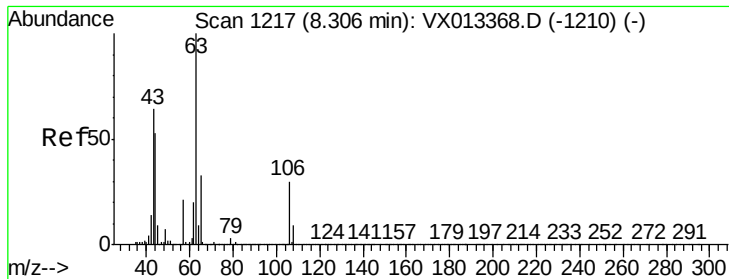
109 94.4 73.9 110.9



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: 824.727 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

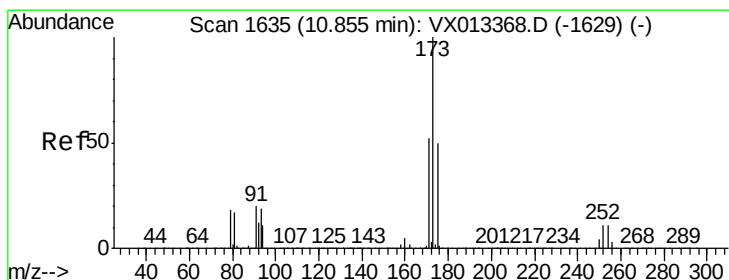
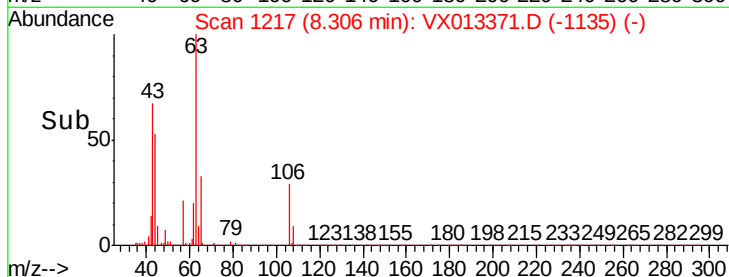
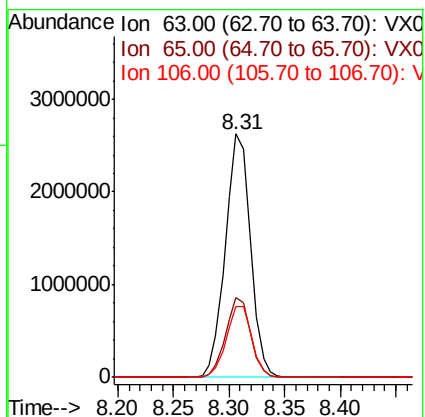
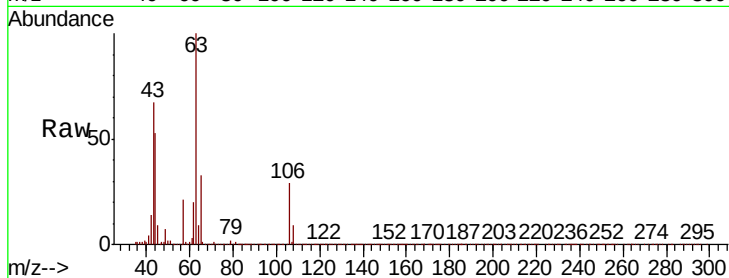
Tot Ion: 63 Resp: 4106315

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0

106 29.8 23.5 35.3



#56

Bromoform

Concen: 188.035 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

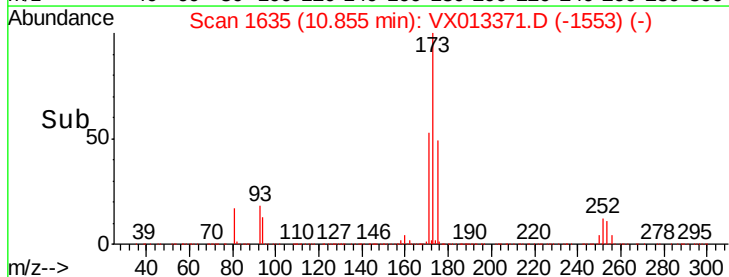
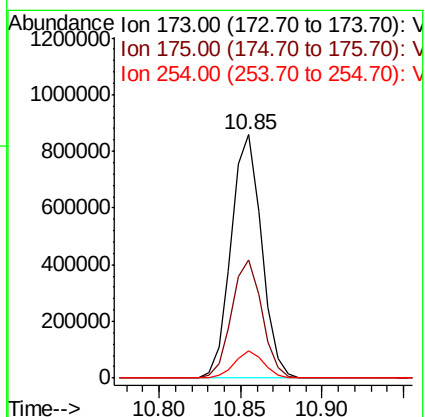
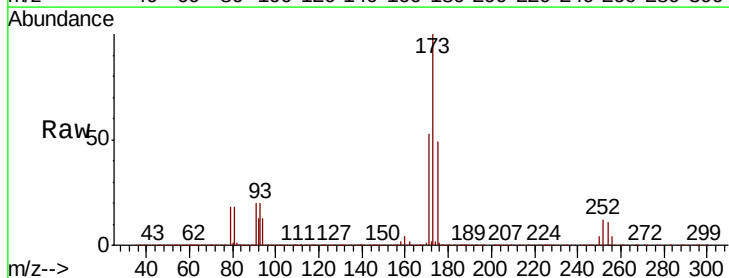
Tgt Ion: 173 Resp: 1117101

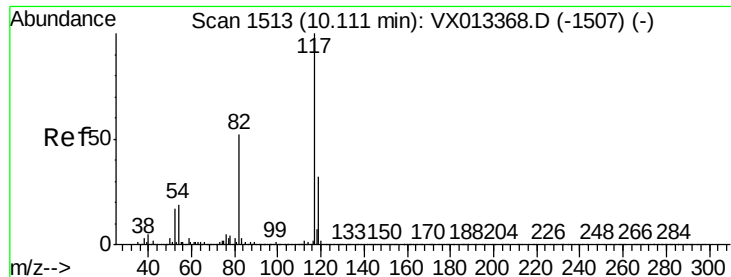
Ion Ratio Lower Upper

173 100

175 48.6 39.4 59.0

254 11.0 8.6 12.8

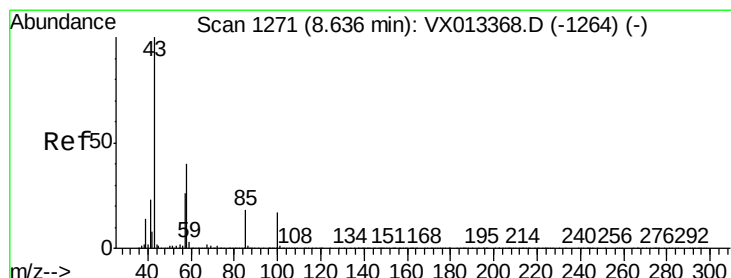
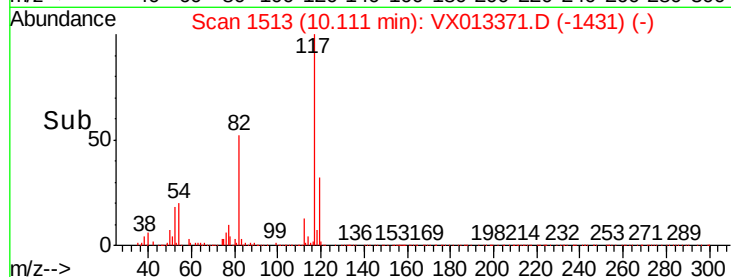
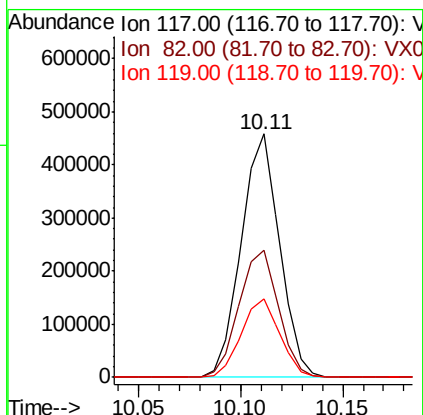
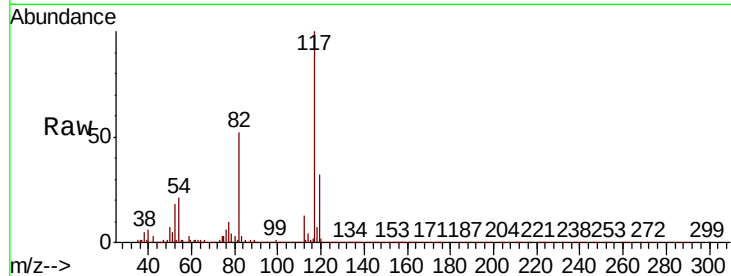




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

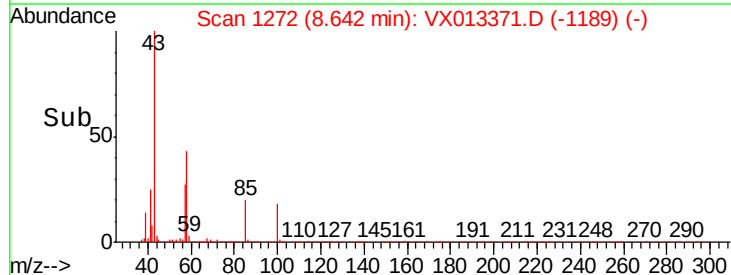
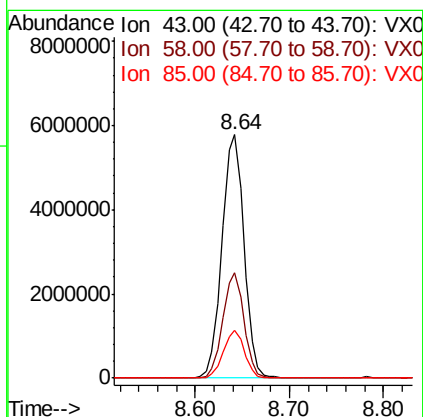
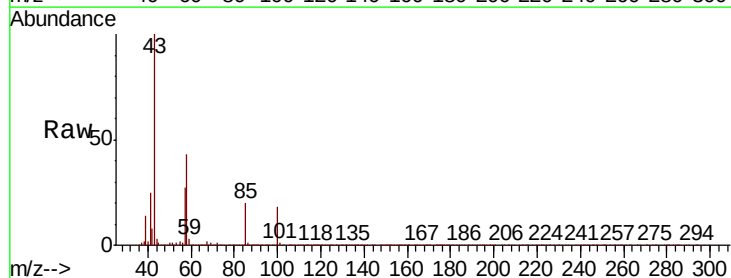
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

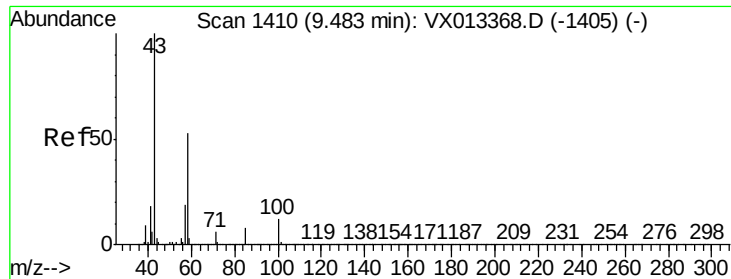
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.4	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 895.658 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	31.6	47.4
85	18.8	14.2	21.2



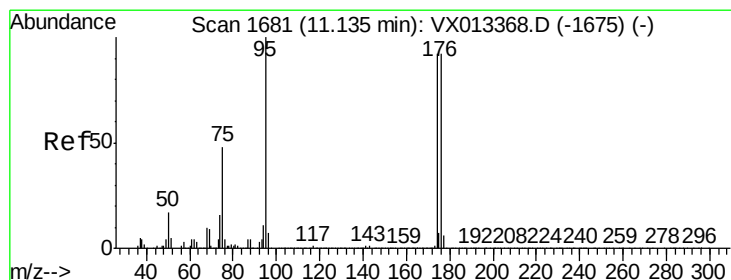
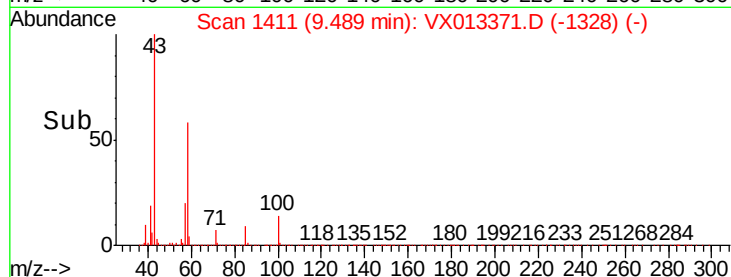
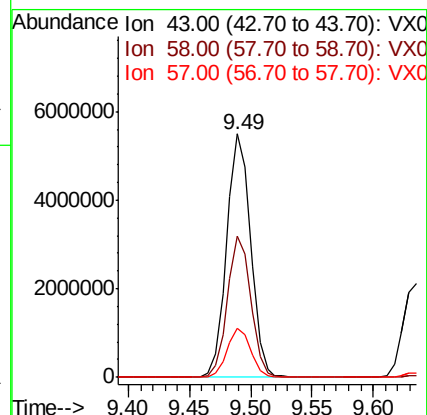
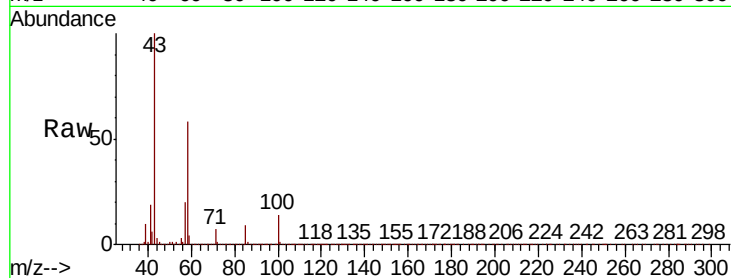


#59
2-Hexanone
Concen: 908.574 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 7486825

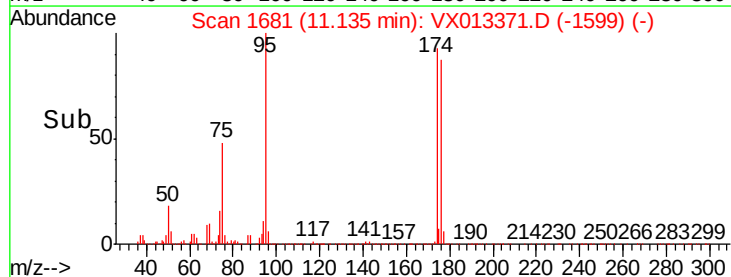
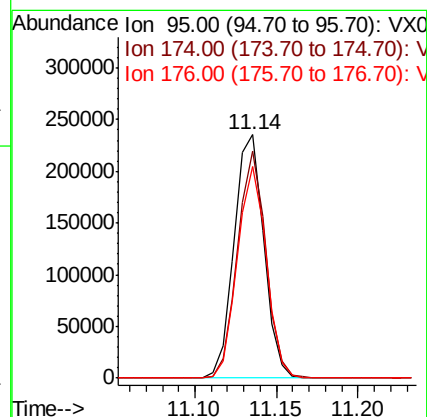
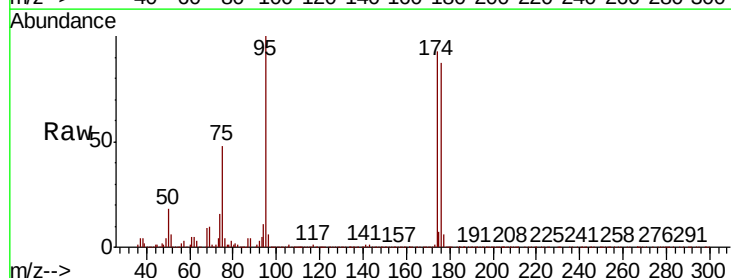
Ion	Ratio	Lower	Upper
43	100		
58	56.8	43.8	65.6
57	19.9	15.1	22.7

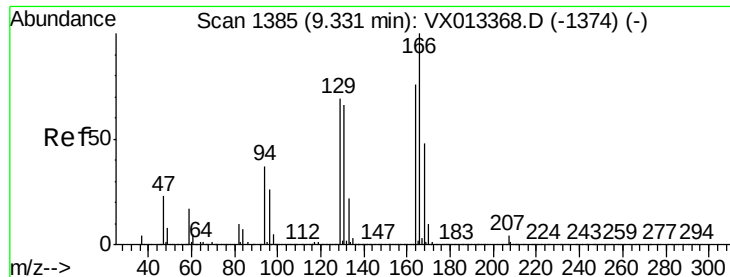


#60
4-Bromofluorobenzene
Concen: 29.121 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 95 Resp: 298843

Ion	Ratio	Lower	Upper
95	100		
174	88.6	70.2	105.2
176	84.6	68.3	102.5

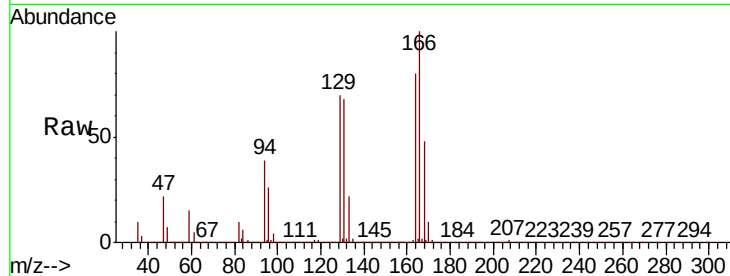




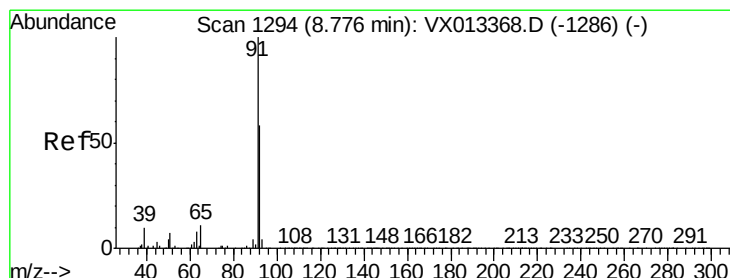
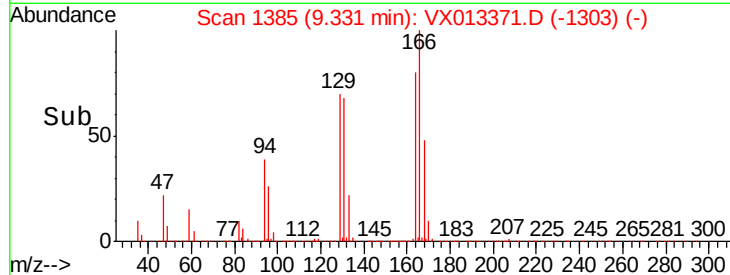
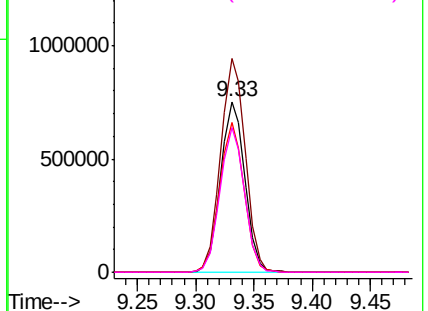
#61
Tetrachloroethene
Concen: 141.241 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:164 Resp: 1084789
Ion Ratio Lower Upper
164 100
166 125.4 104.9 157.3
129 88.1 72.3 108.5
131 84.8 69.0 103.6

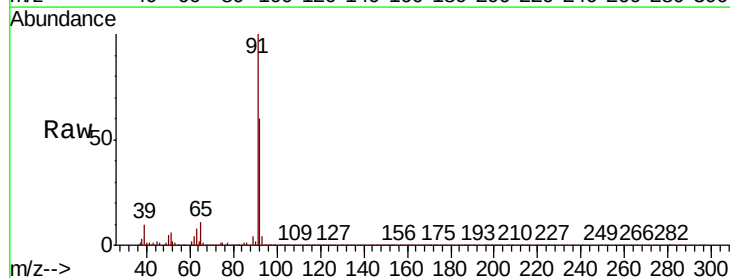


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

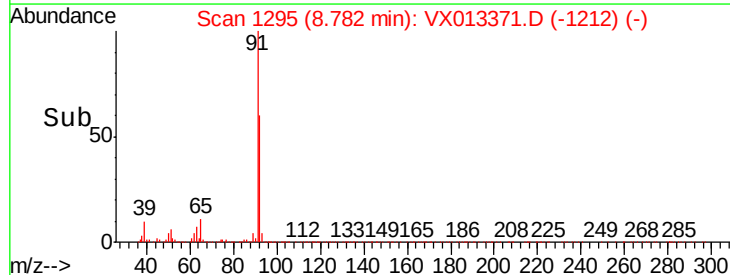
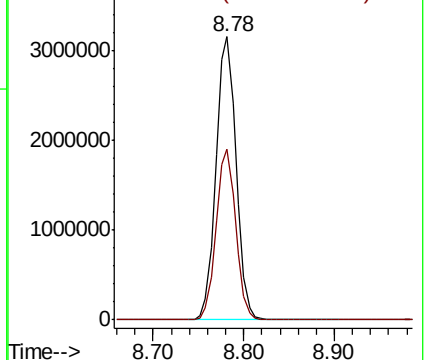


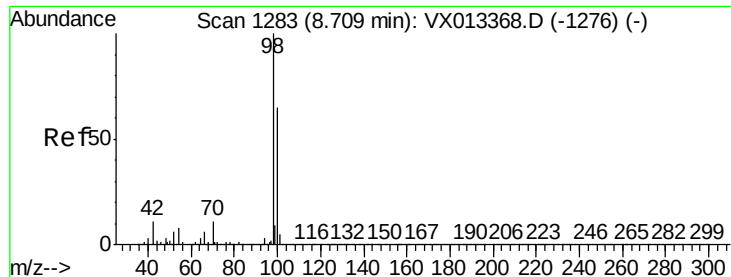
#62
Toluene
Concen: 151.461 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 4900301
Ion Ratio Lower Upper
91 100
92 59.1 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

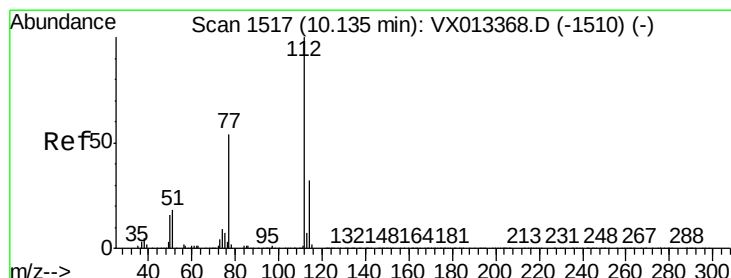
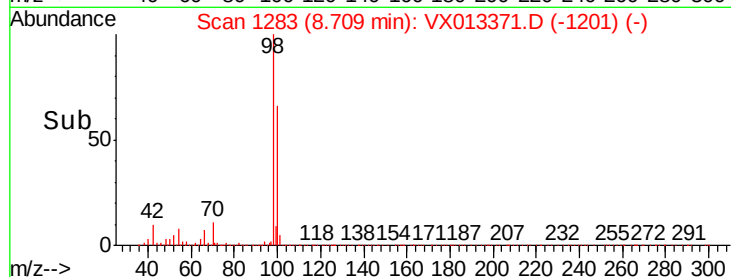
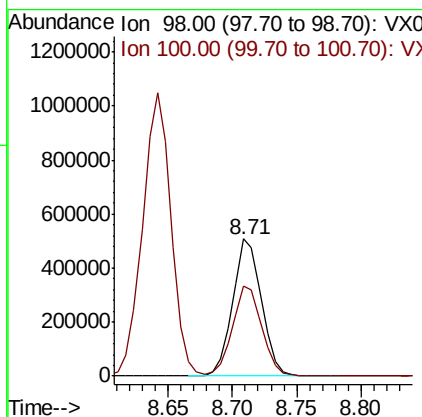
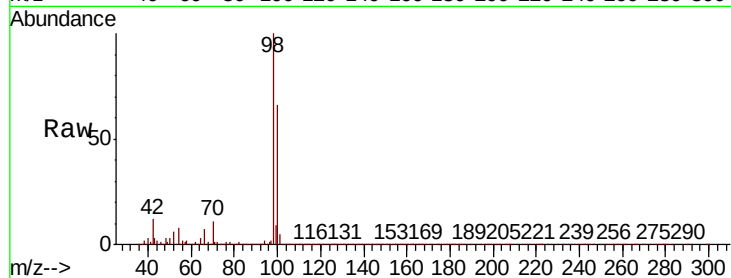




#63
Toluene-d8
Concen: 29.628 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

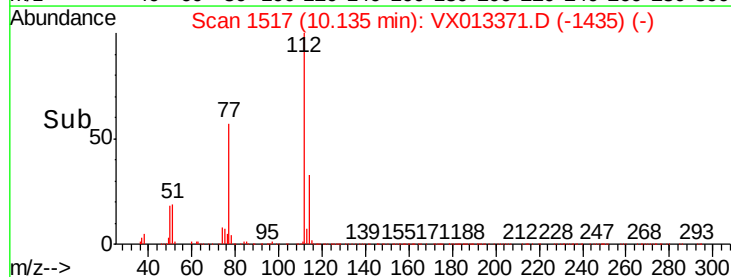
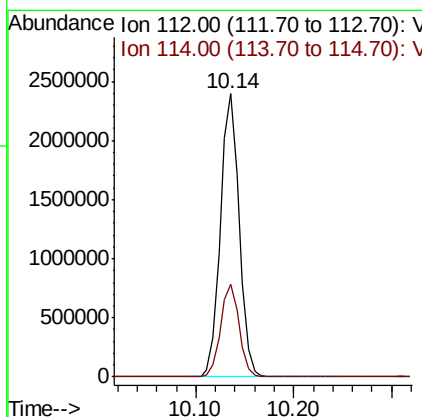
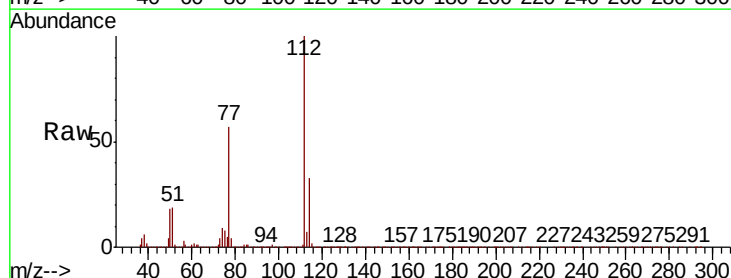
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

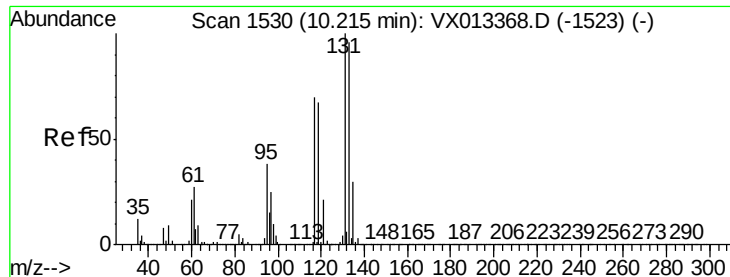
Tot Ion: 98 Resp: 790602
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#64
Chlorobenzene
Concen: 154.216 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 112 Resp: 3175827
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

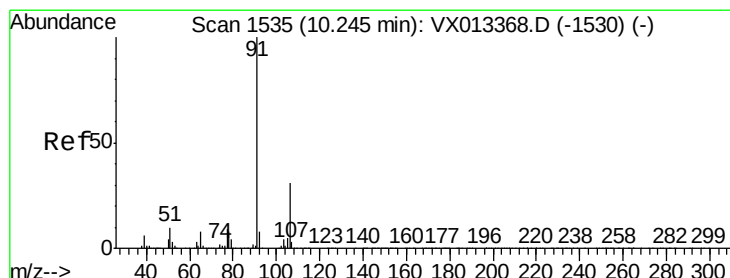
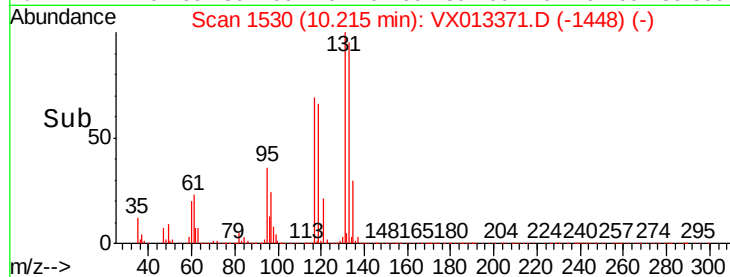
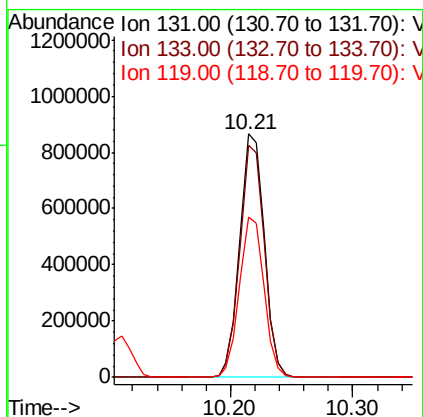
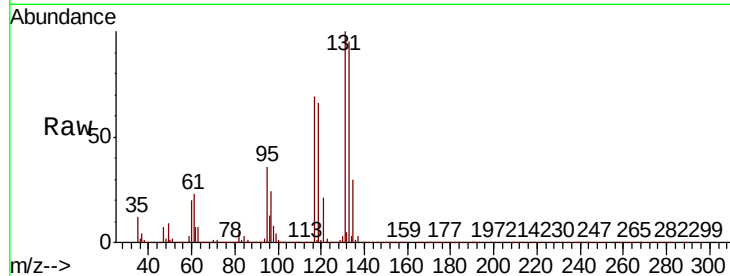




#65
 1,1,1,2-Tetrachloroethane
 Concen: 156.603 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

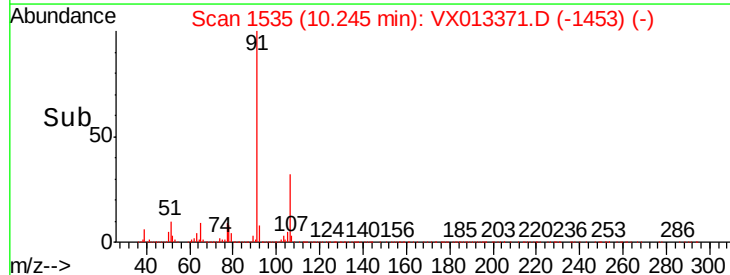
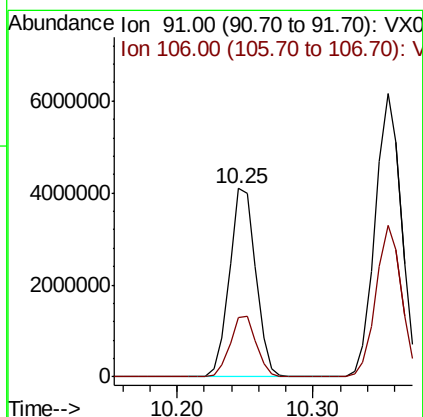
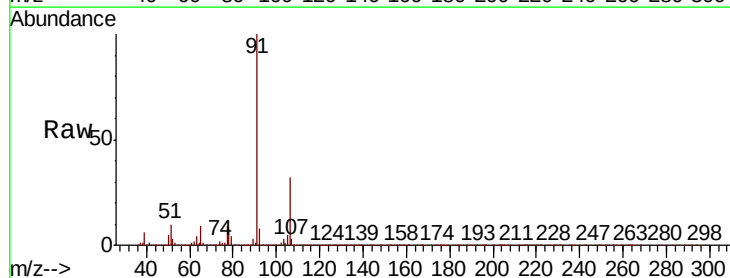
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

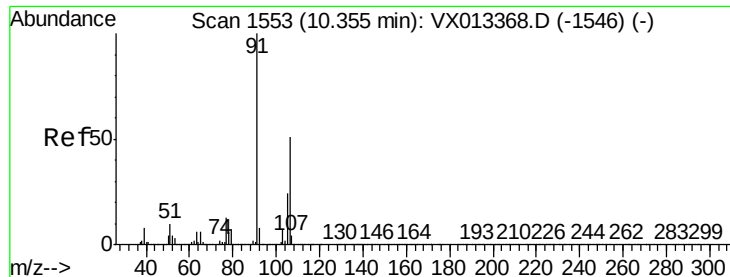
Tot Ion:131 Resp: 1203872
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 192.2
 119 65.7 0.0 134.4



#66
 Ethyl Benzene
 Concen: 149.136 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 5505300
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.0 37.4





#67

m/p-Xylenes

Concen: 306.474 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

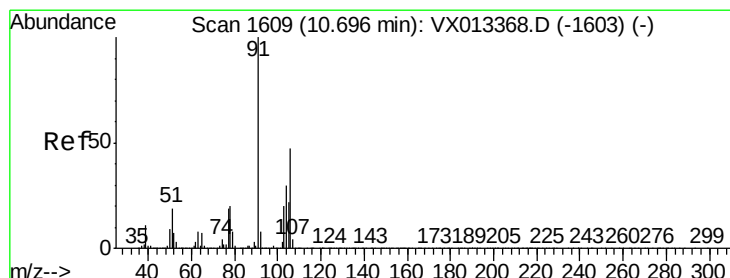
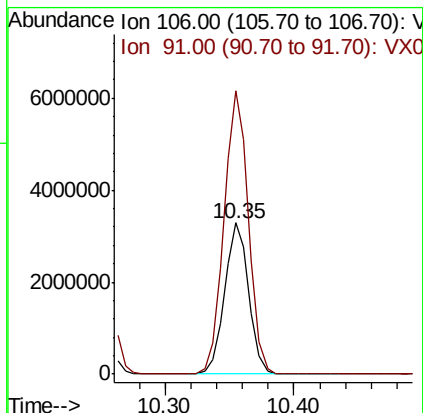
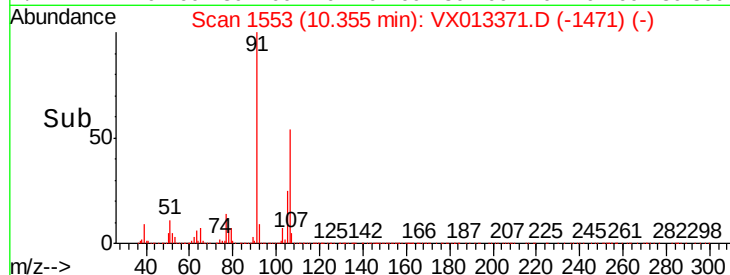
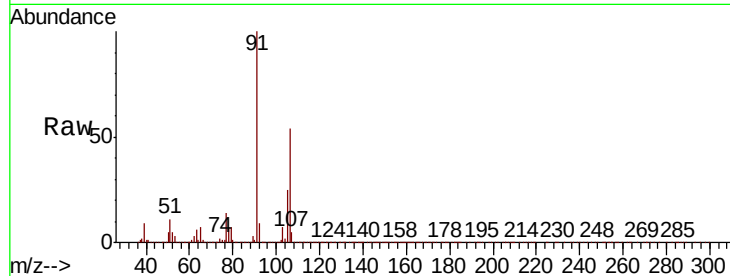
VSTDIC150

Tot Ion:106 Resp: 4294803

Ion Ratio Lower Upper

106 100

91 190.5 158.4 237.6



#68

o-Xylene

Concen: 155.929 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013371.D

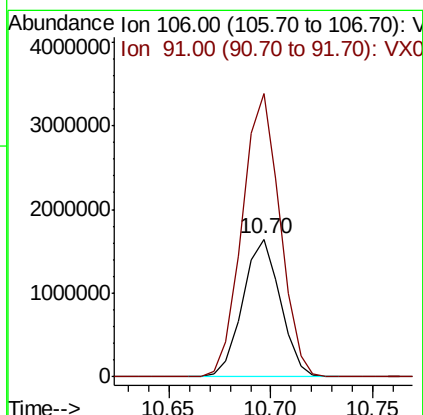
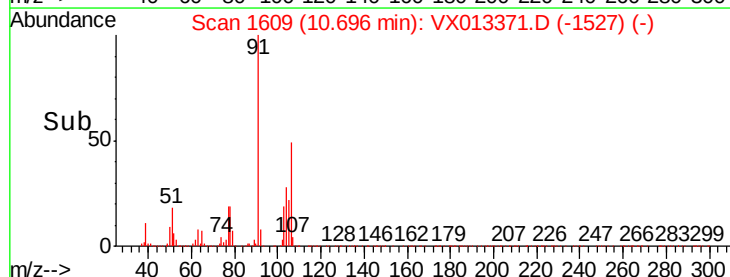
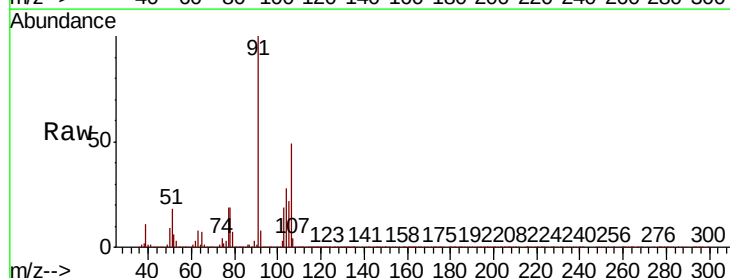
Acq: 11 Nov 2019 18:02

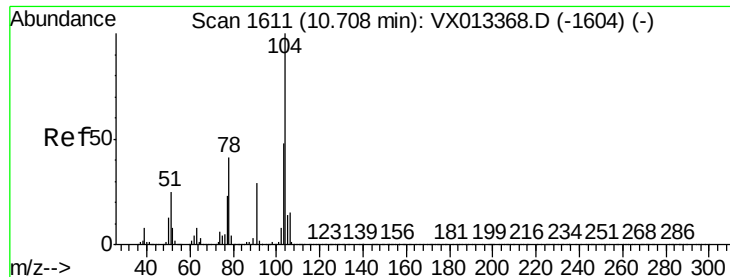
Tgt Ion:106 Resp: 2101237

Ion Ratio Lower Upper

106 100

91 207.0 106.4 319.2

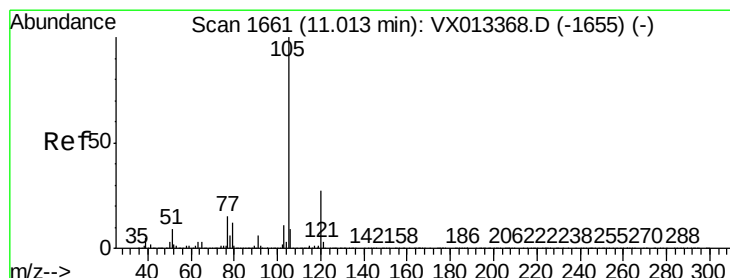
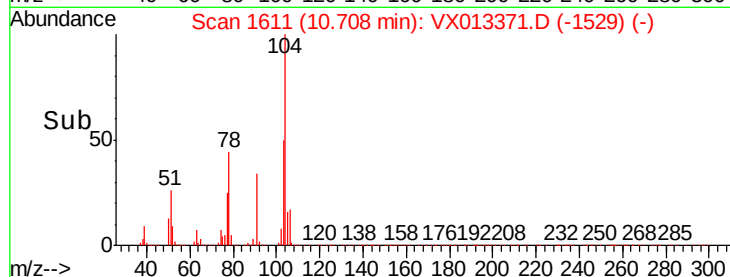
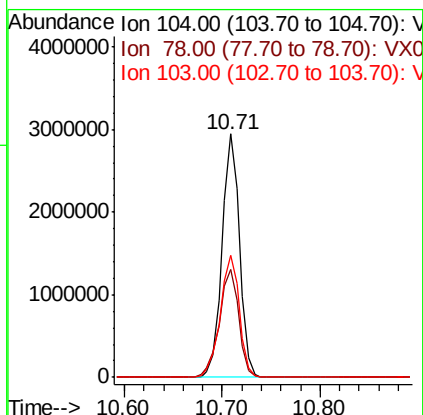
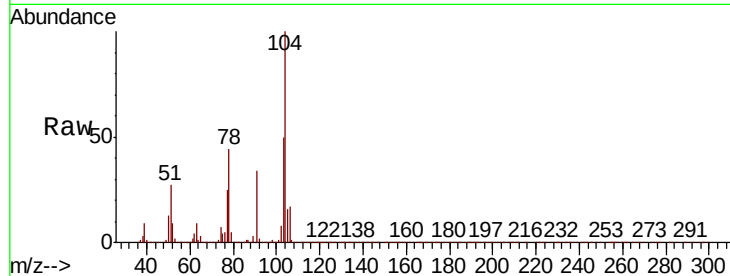




#69
Stvrene
Concen: 157.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

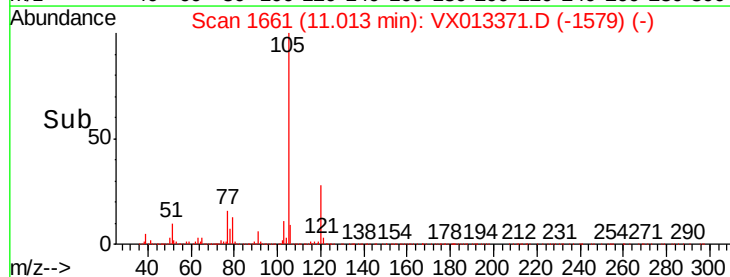
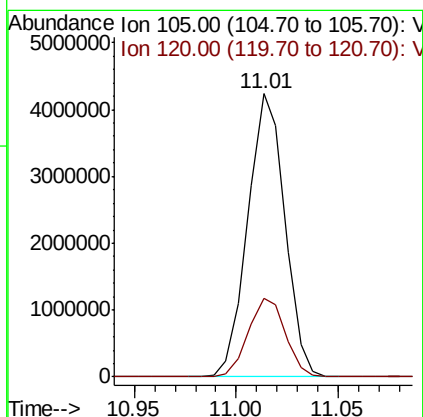
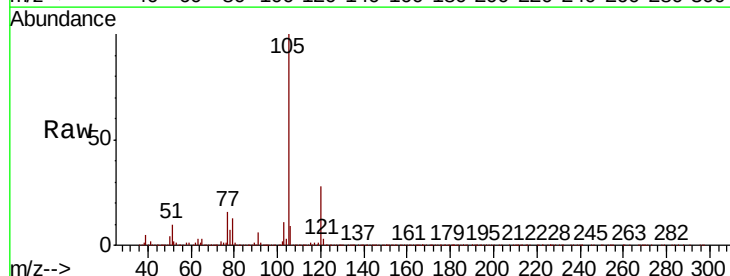
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

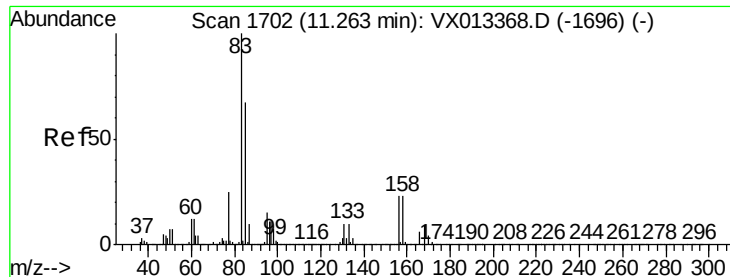
Tot Ion:104 Resp: 3641412
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.4
103 54.9 43.2 64.8



#70
Isopropylbenzene
Concen: 146.427 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105 Resp: 5360337
Ion Ratio Lower Upper
105 100
120 27.9 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 173.205 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

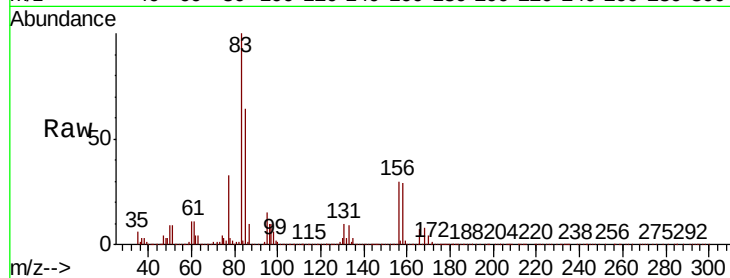
Tot Ion: 83 Resp: 2011203

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

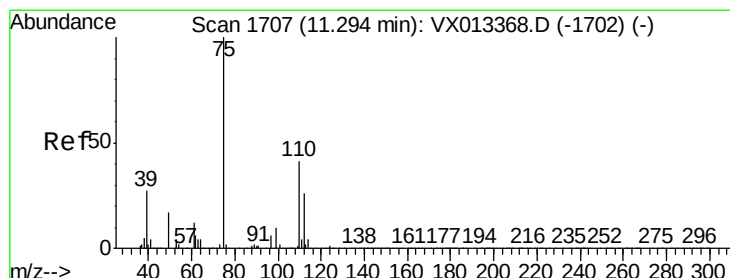
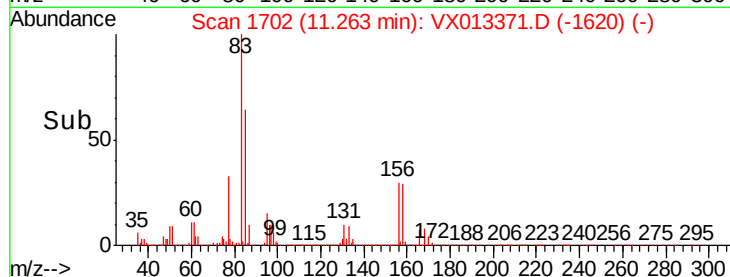
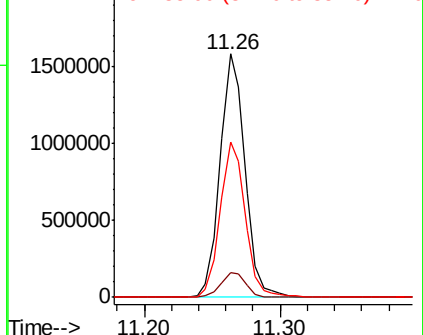
85 64.2 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 248.417 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013371.D

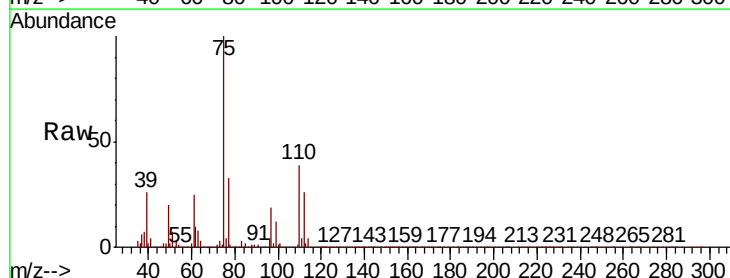
Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 2391530

Ion Ratio Lower Upper

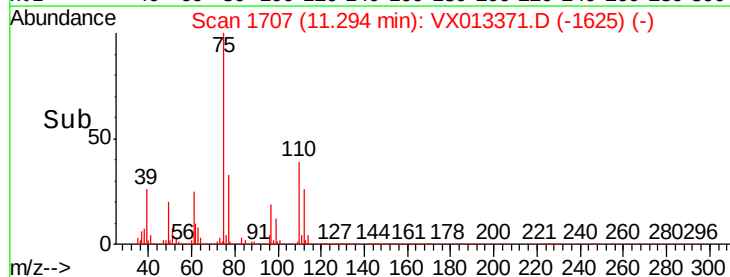
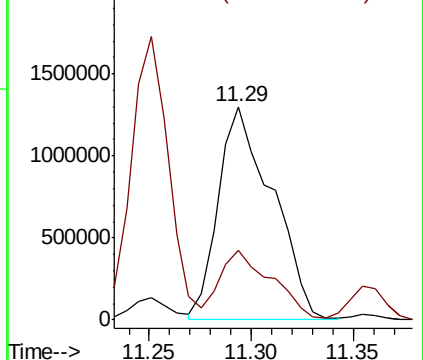
75 100

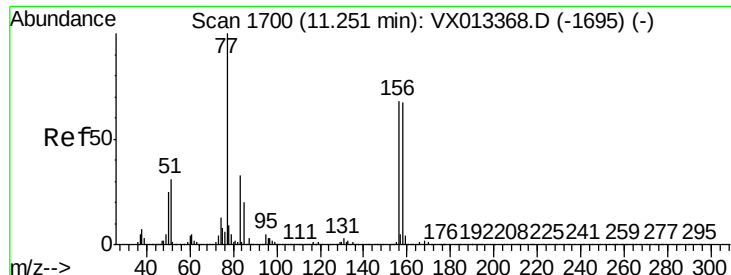
77 30.0 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 164.482 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

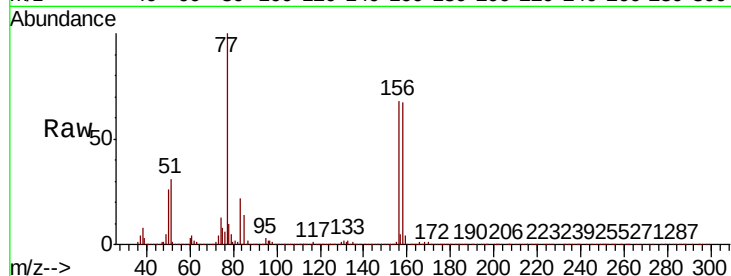
Tot Ion:156 Resp: 1475054

Ion Ratio Lower Upper

156 100

77 149.7 0.0 308.8

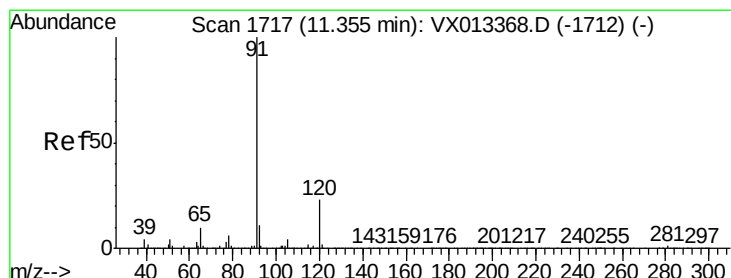
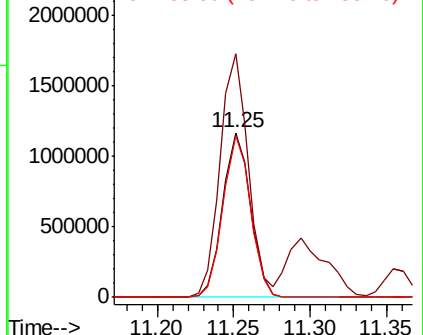
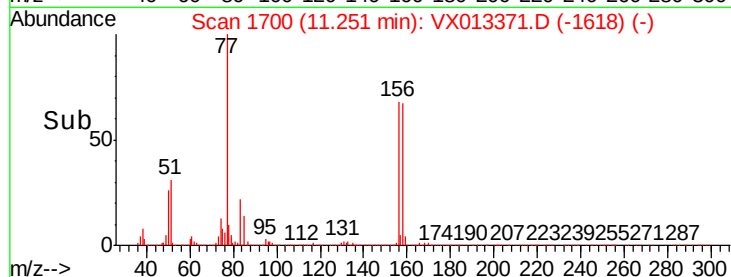
158 97.2 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 153.403 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013371.D

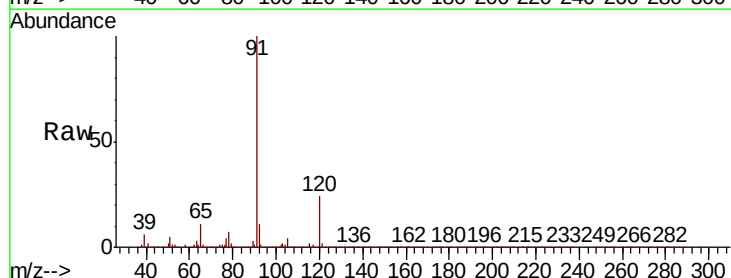
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 6205736

Ion Ratio Lower Upper

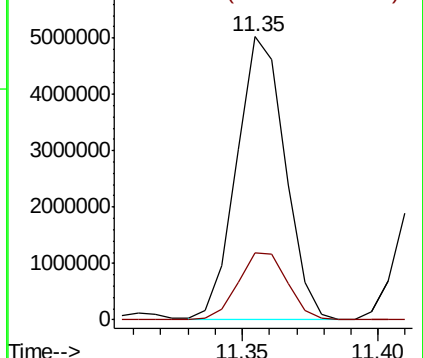
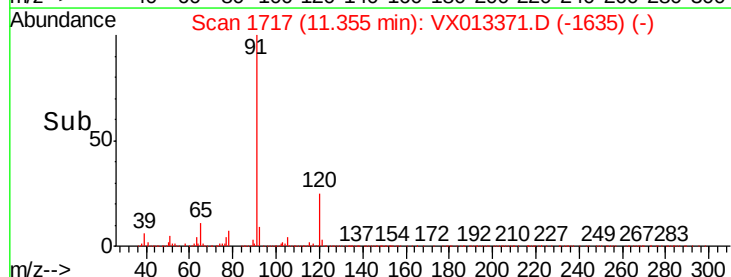
91 100

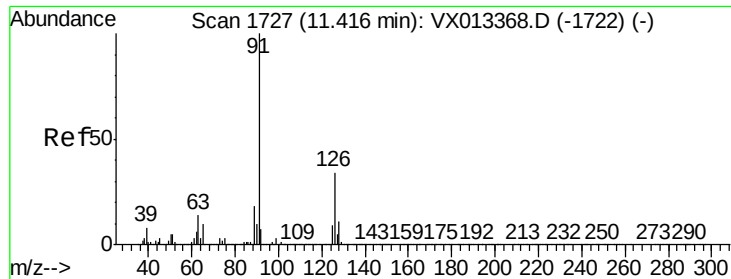
120 24.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

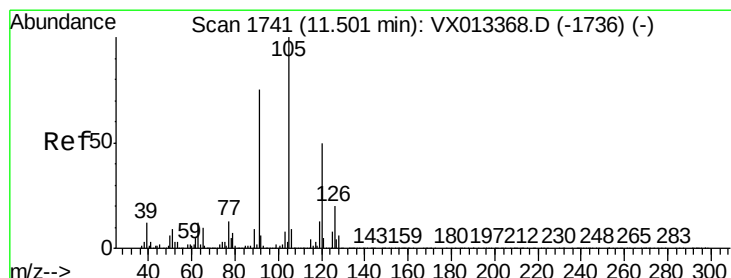
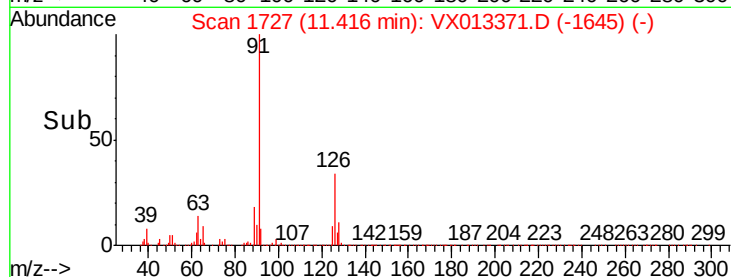
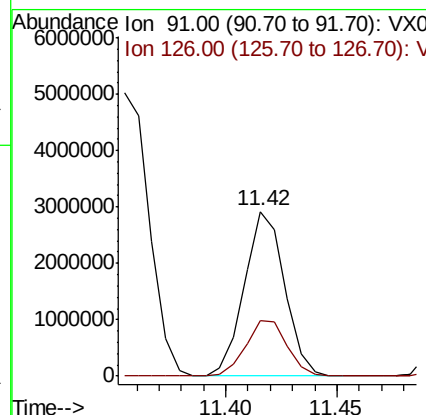
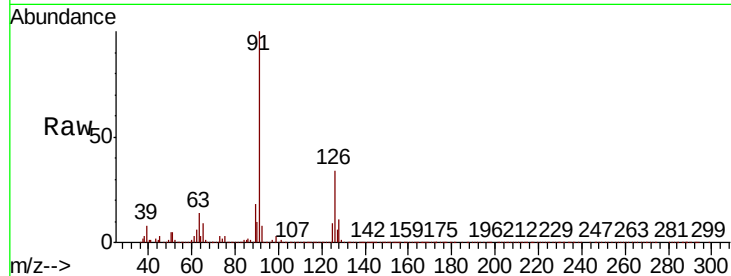




#75
 2-Chlorotoluene
 Concen: 147.965 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

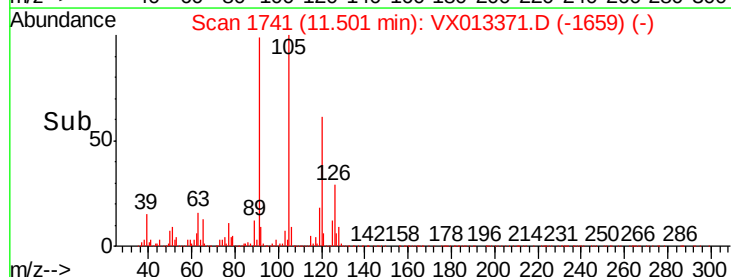
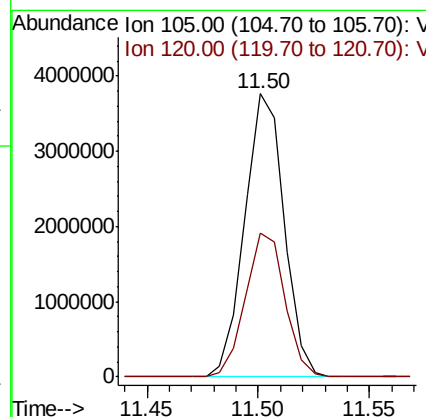
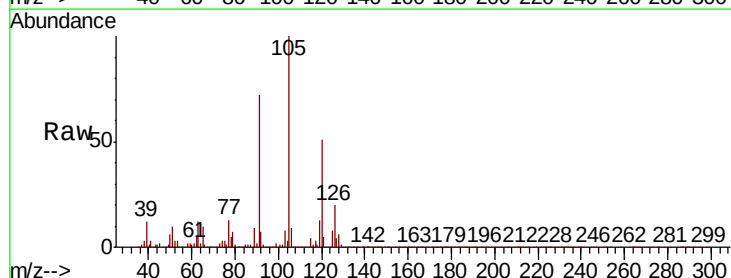
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

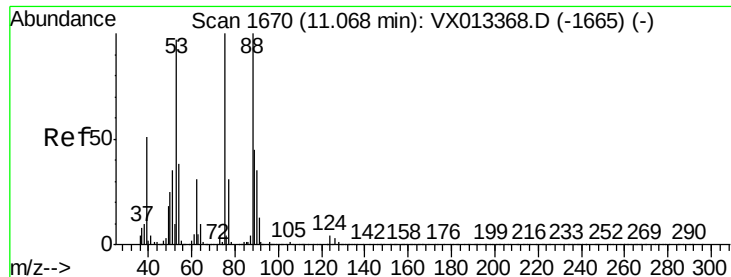
Tot Ion: 91 Resp: 3705180
 Ion Ratio Lower Upper
 91 100
 126 34.9 0.0 69.0



#76
 1,3,5-Trimethylbenzene
 Concen: 151.187 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 105 Resp: 4665189
 Ion Ratio Lower Upper
 105 100
 120 50.8 0.0 100.0

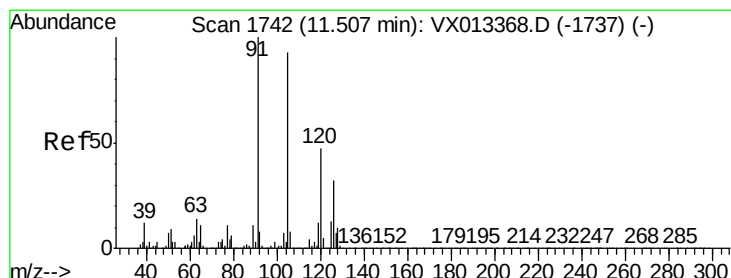
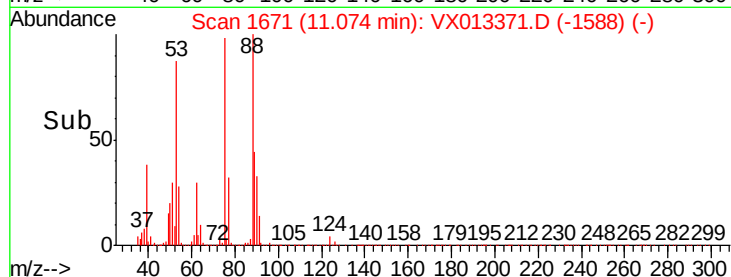
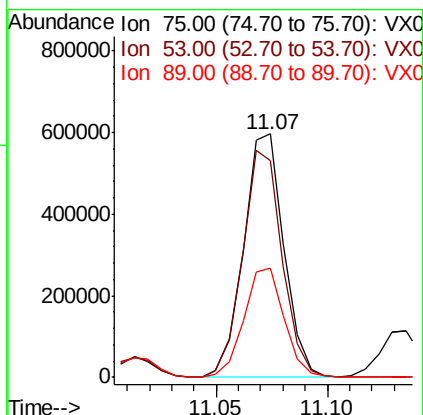
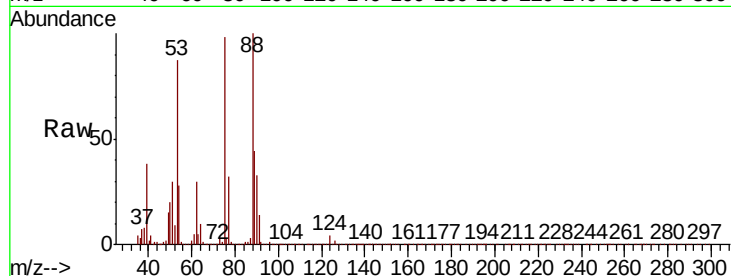




#77
t-1,4-Dichloro-2-butene
Concen: 192.264 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

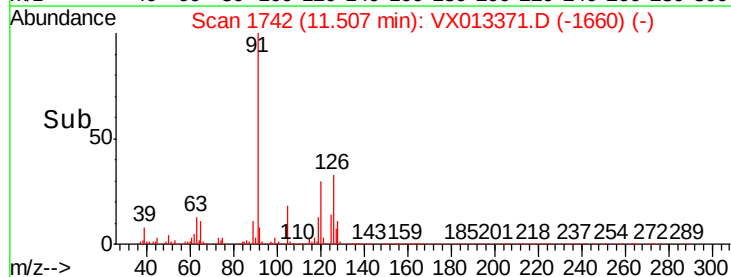
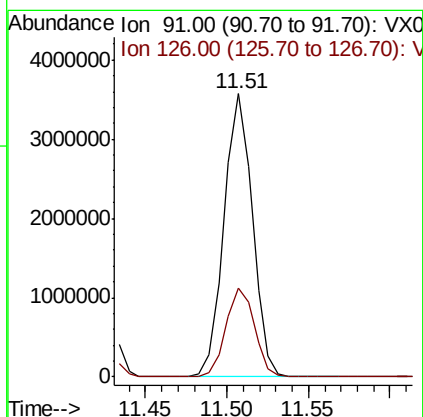
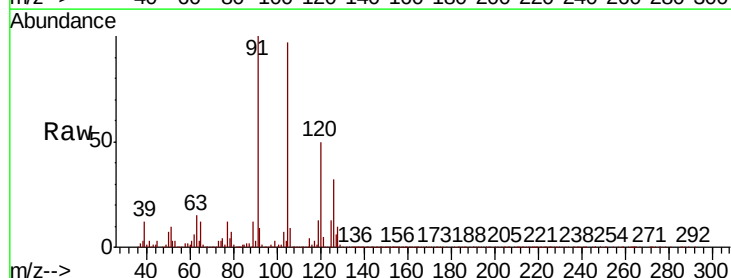
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

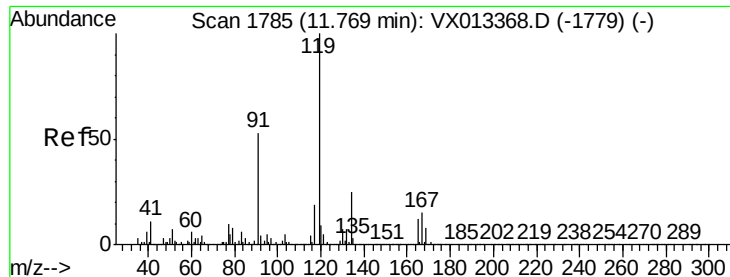
Tot Ion	Ratio	Lower	Upper
75	100		
53	88.8	48.8	146.3
89	44.6	22.3	66.8



#78
4-Chlorotoluene
Concen: 151.163 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	61.0

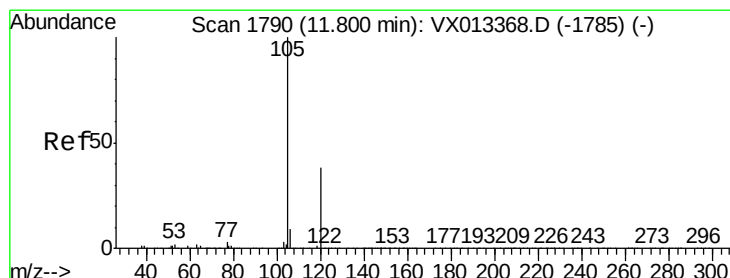
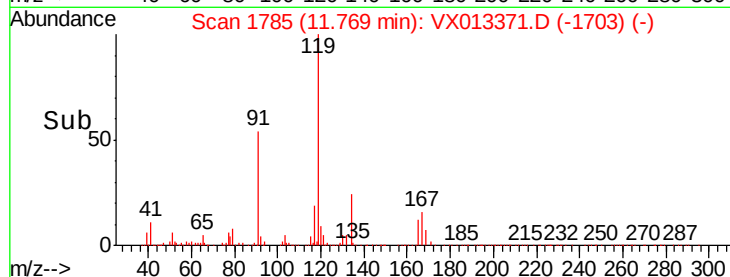
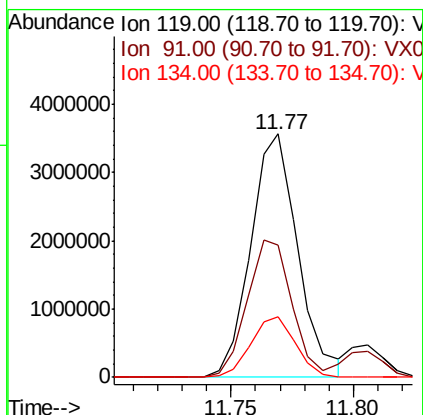
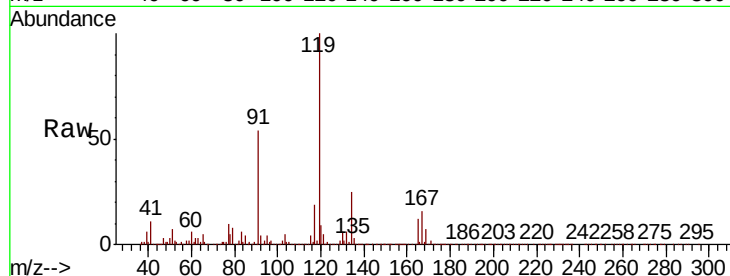




#79
tert-butylbenzene
Concen: 158.588 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

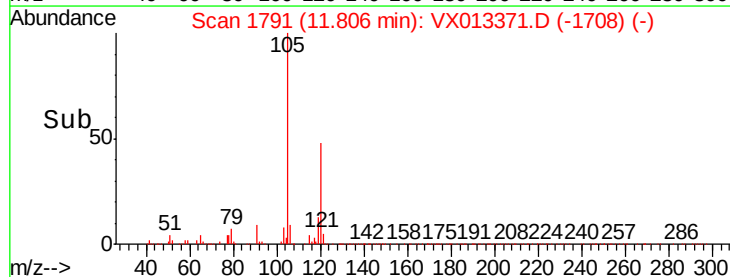
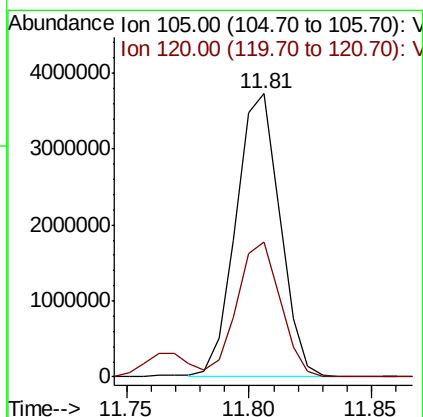
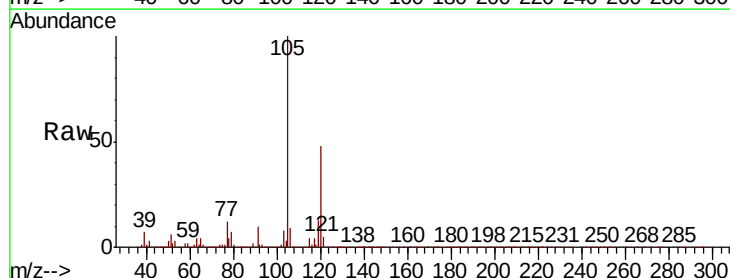
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

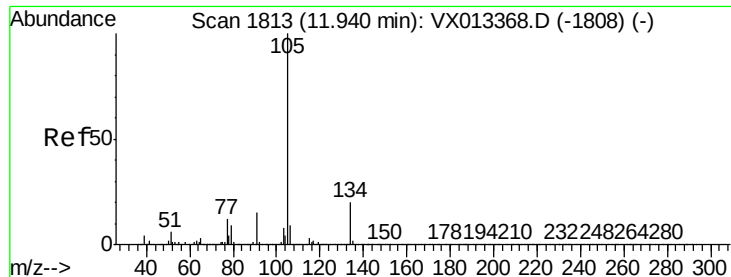
Tot Ion:119 Resp: 4778972
Ion Ratio Lower Upper
119 100
91 53.8 0.0 109.6
134 23.5 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 151.470 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105 Resp: 4664491
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0





#81

sec-Butylbenzene

Concen: 154.090 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

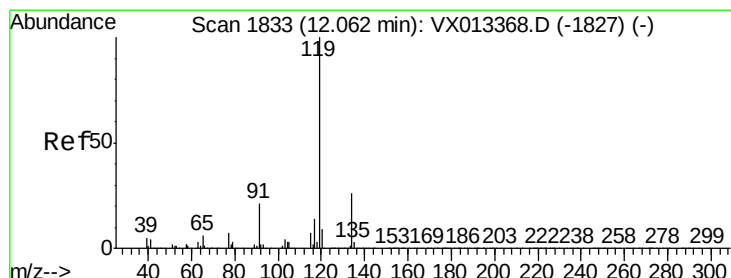
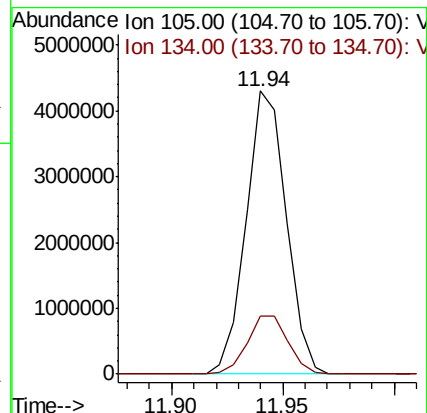
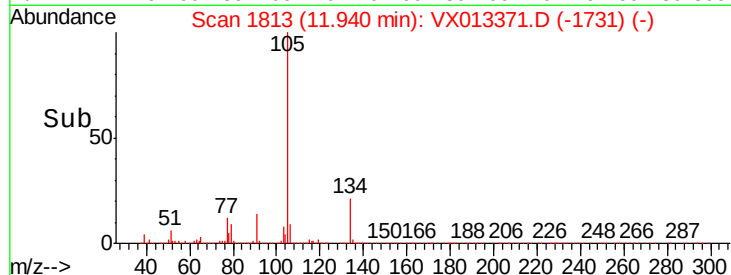
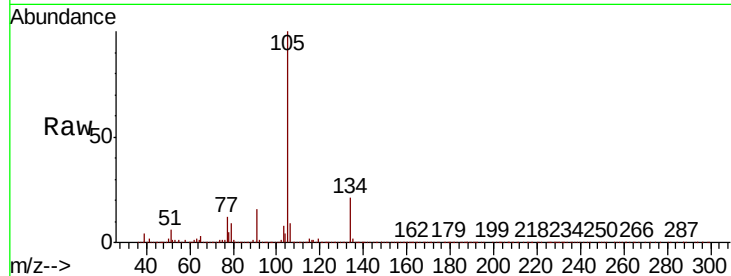
VSTDIC150

Tot Ion:105 Resp: 5434232

Ion Ratio Lower Upper

105 100

134 21.0 0.0 41.2



#82

p-Isopropyltoluene

Concen: 155.549 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

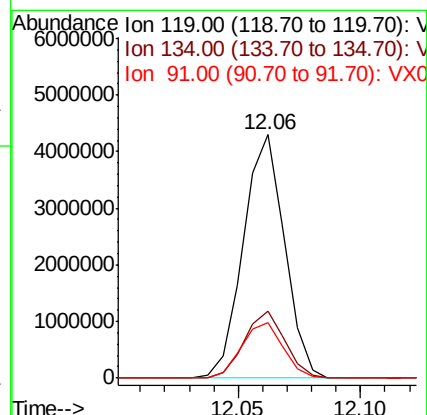
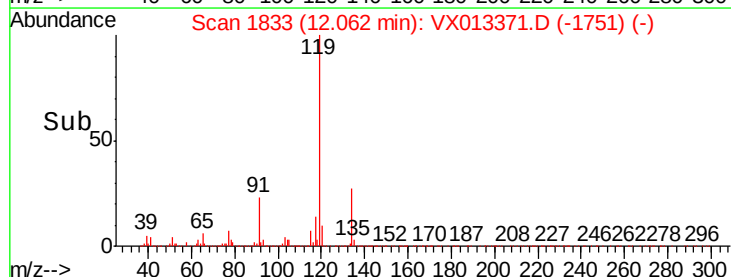
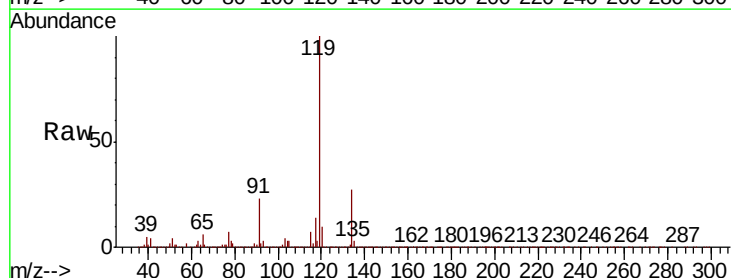
Tgt Ion:119 Resp: 5037035

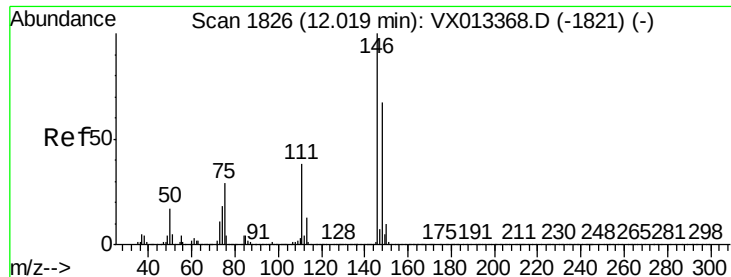
Ion Ratio Lower Upper

119 100

134 27.0 0.0 51.6

91 22.9 0.0 44.2

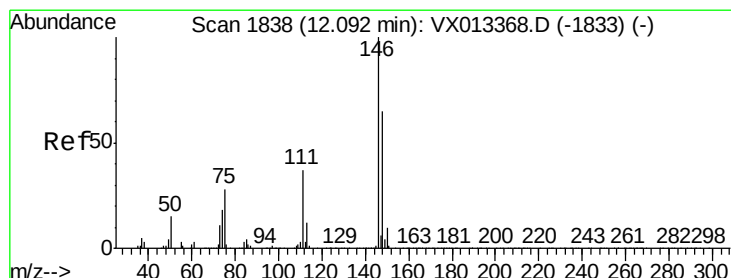
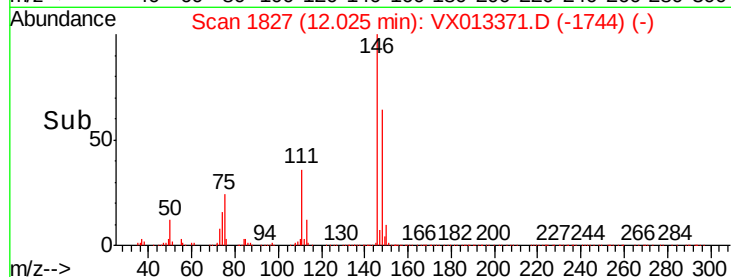
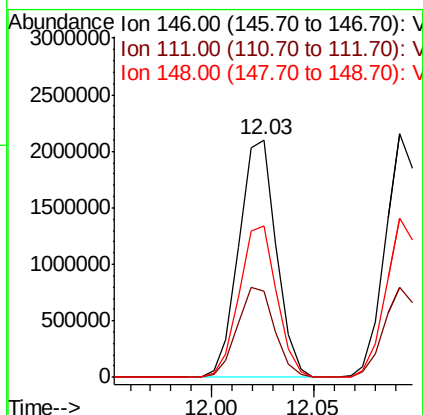
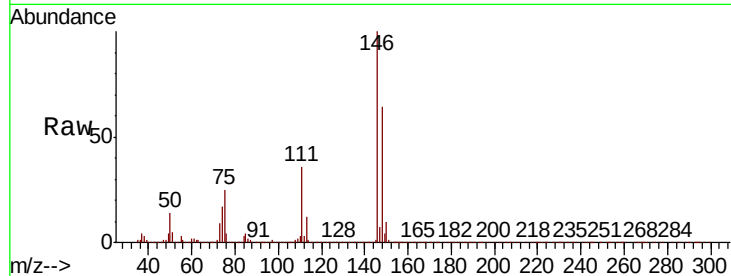




#83
 1,3-Dichlorobenzene
 Concen: 164.965 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

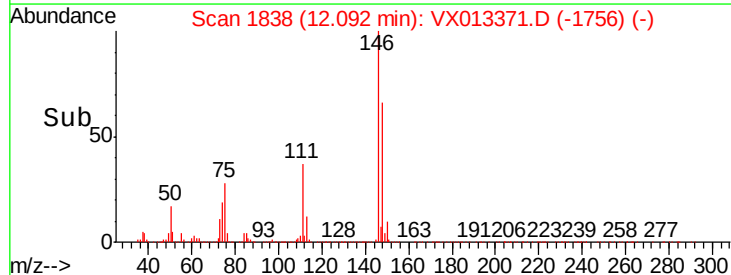
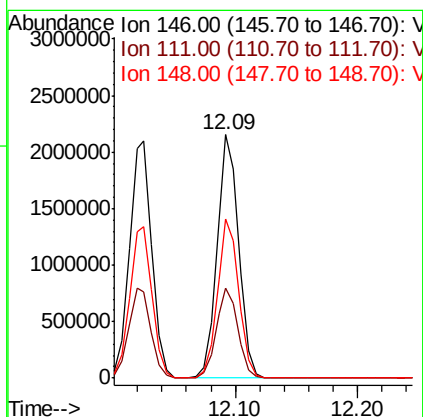
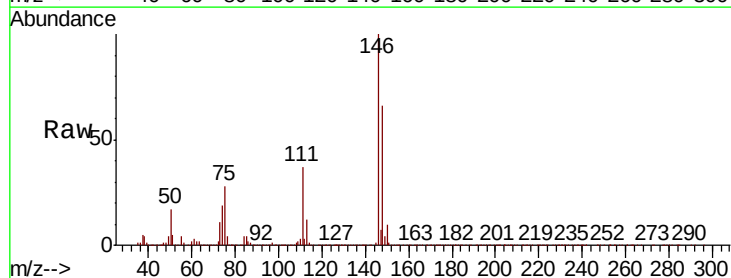
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

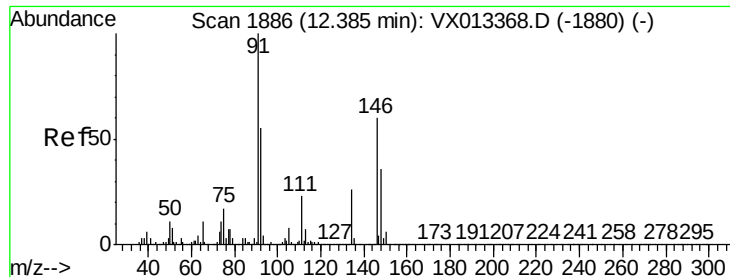
Tot Ion:146 Resp: 2674801
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 63.9 32.3 96.9



#84
 1,4-Dichlorobenzene
 Concen: 164.684 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion:146 Resp: 2641316
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.6
 148 64.4 32.5 97.4

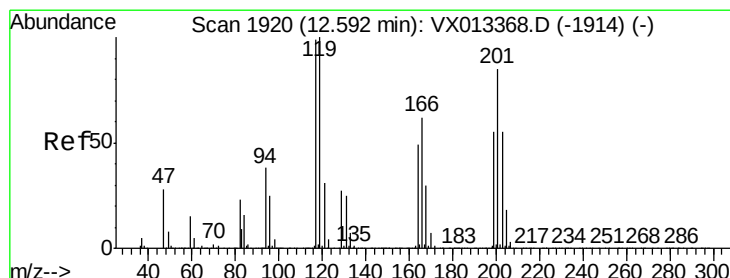
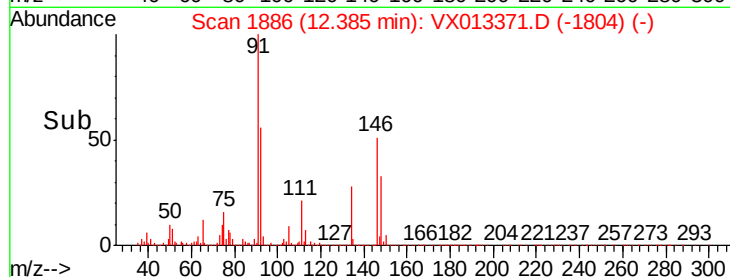
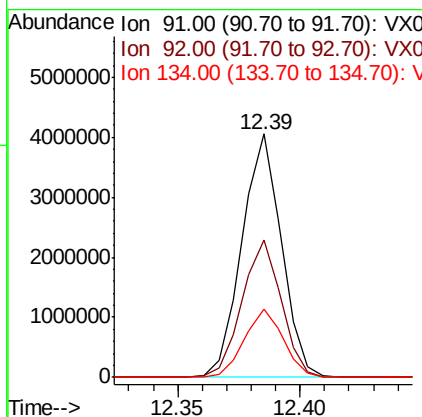
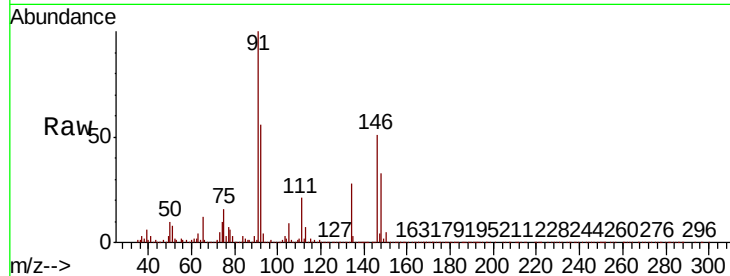




#85
n-Butylbenzene
Concen: 165.263 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

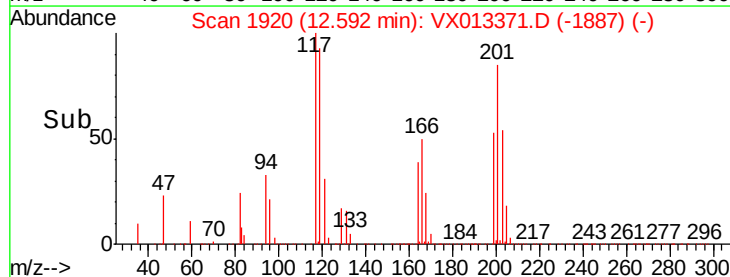
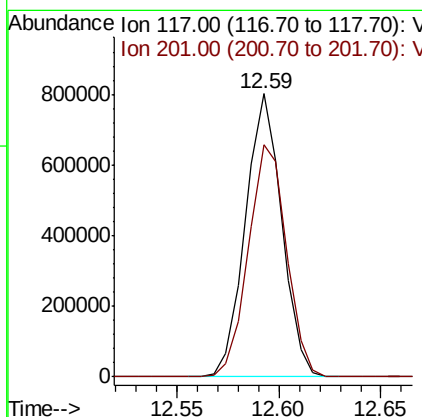
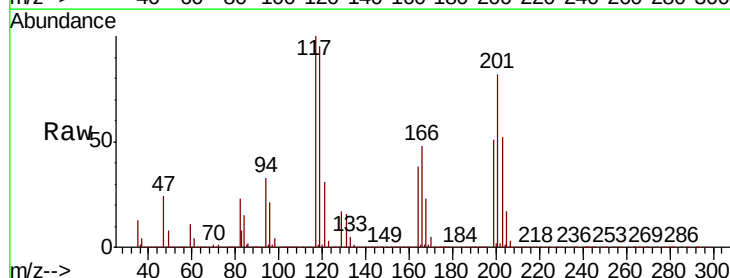
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

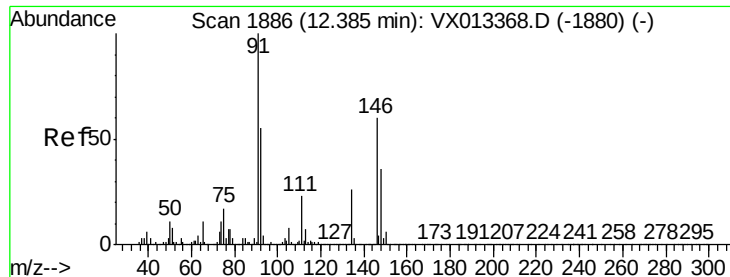
Tot Ion: 91 Resp: 4559473
Ion Ratio Lower Upper
91 100
92 56.1 0.0 109.0
134 27.8 0.0 53.0



#86
Hexachloroethane
Concen: 175.290 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 117 Resp: 995427
Ion Ratio Lower Upper
117 100
201 85.8 44.5 133.3

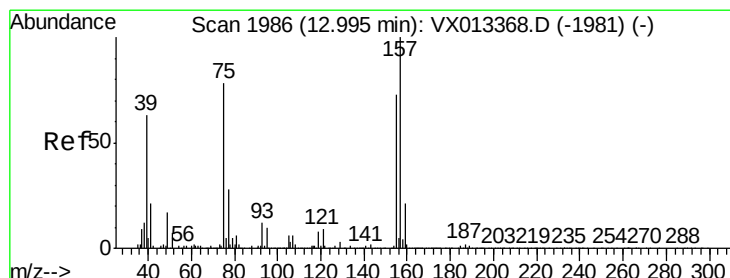
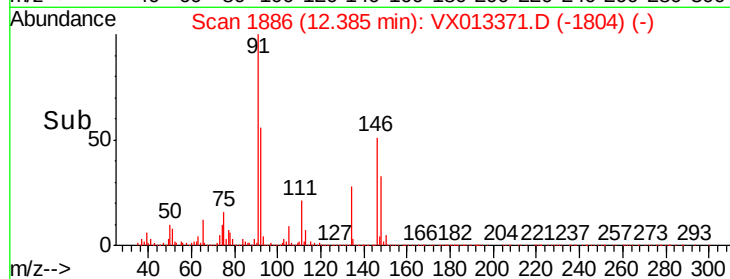
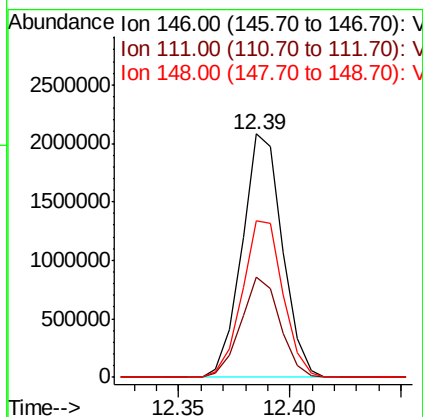
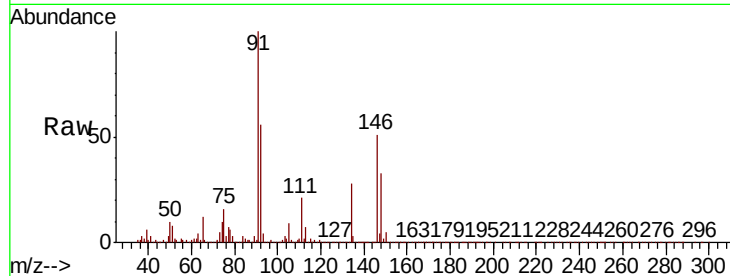




#87
 1,2-Dichlorobenzene
 Concen: 167.315 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

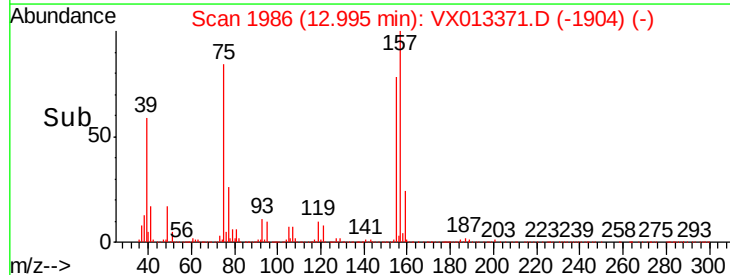
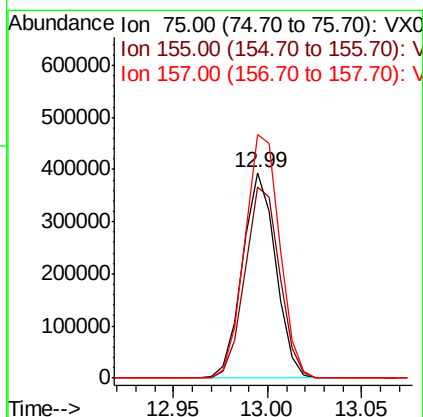
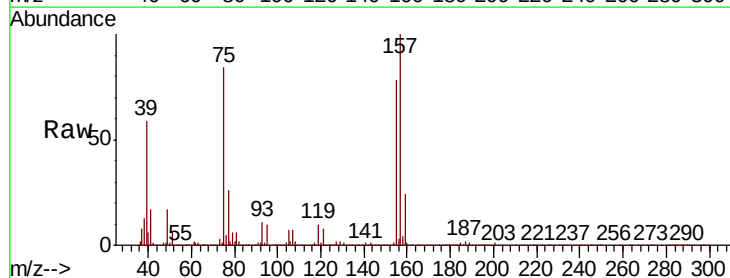
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

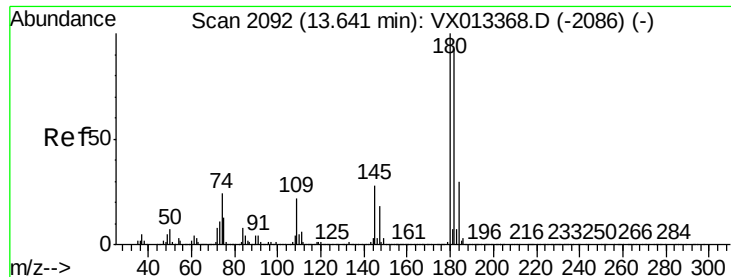
Tot Ion:146 Resp: 2638314
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.7
 148 64.9 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 174.360 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 481501
 Ion Ratio Lower Upper
 75 100
 155 96.8 76.9 115.3
 157 124.9 101.2 151.8

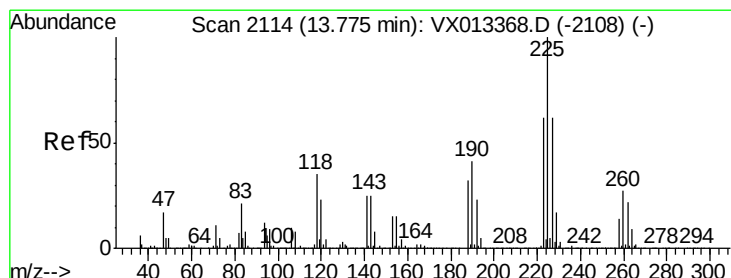
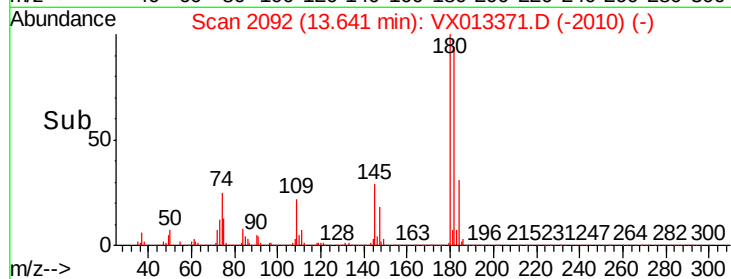
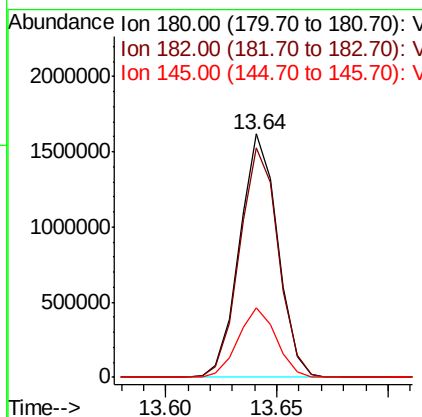
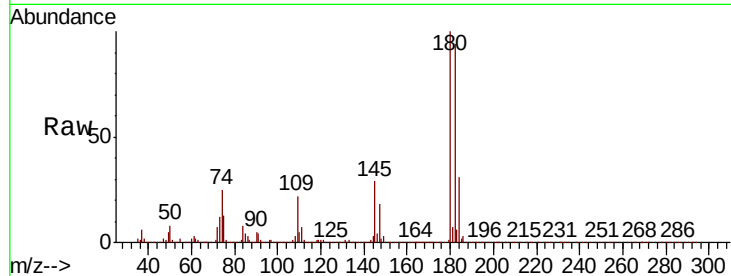




#89
 1,2,4-Trichlorobenzene
 Concen: 192.135 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

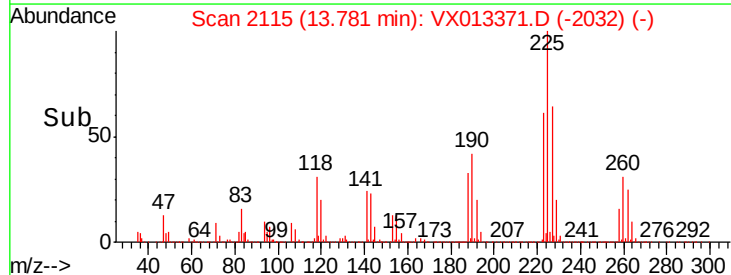
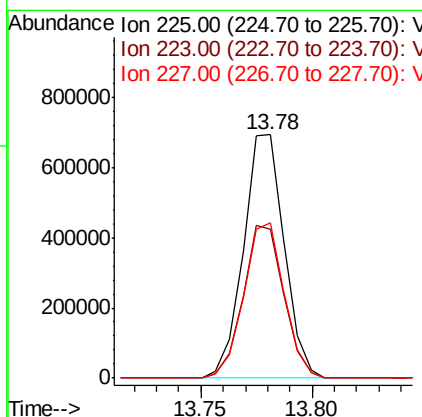
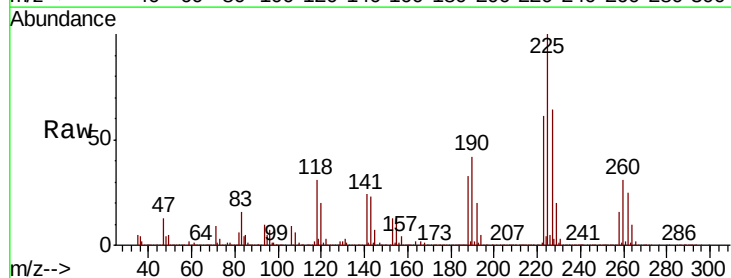
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

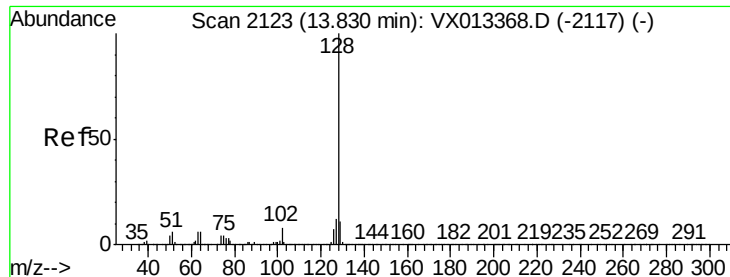
Tot Ion:180 Resp: 1929457
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.7 112.1
 145 28.7 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 174.866 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion:225 Resp: 887585
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 123.0
 227 63.0 0.0 121.8

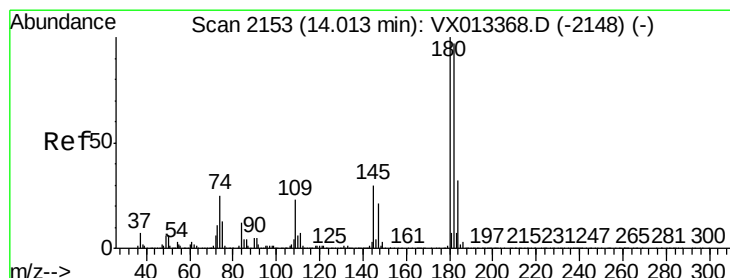
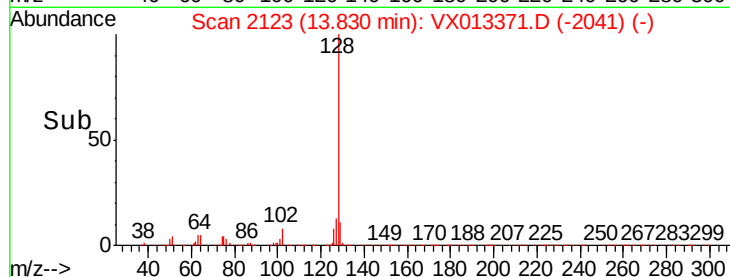
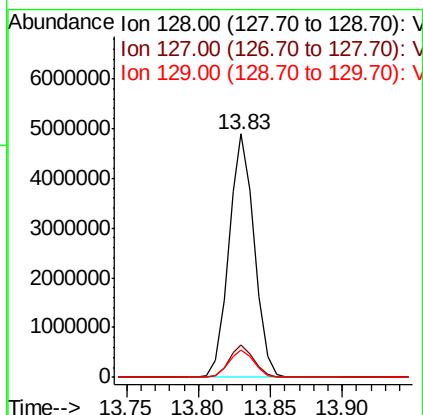
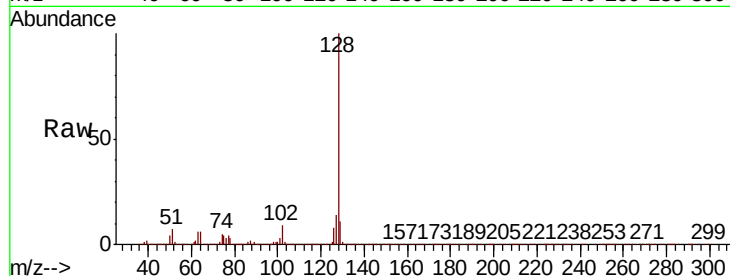




#91
Naphthalene
Concen: 185.835 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 6035948
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 185.466 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:180 Resp: 1905437
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 30.3 0.0 59.0

