

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013369.D
 Acq On : 11 Nov 2019 17:16
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Nov 12 01:05:01 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	5.00	128	119748	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	680994	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	613851	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	259999	28.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.57%
60) 4-Bromofluorobenzene	11.14	95	294836	28.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.60%
63) Toluene-d8	8.71	98	833343	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	470683	54.761	ug/l 99
3) Chloromethane	1.31	50	498754	63.076	ug/l 99
4) Vinyl Chloride	1.40	62	576213	68.996	ug/l 99
5) Bromomethane	1.62	94	326463	74.754	ug/l 98
6) Chloroethane	1.71	64	305315	59.958	ug/l 97
7) Trichlorofluoromethane	1.92	101	592919	48.556	ug/l 97
8) Diethyl Ether	2.17	74	272919	61.603	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	366999	48.884	ug/l 99
10) 1,1-Dichloroethene	2.36	96	369716	50.816	ug/l 99
11) Methyl Iodide	2.50	142	475203	51.082	ug/l 99
12) Methyl Acetate	2.76	43	663266	66.345	ug/l 99
13) Acrolein	2.28	56	336621	245.211	ug/l 100
14) Acrylonitrile	3.13	53	1199406	296.016	ug/l 98
15) Acetone	2.43	58	364666	272.925	ug/l 98
16) Carbon Disulfide	2.56	76	1042151	53.114	ug/l 100
17) Allyl chloride	2.72	41	686973	57.607	ug/l 99
18) Methylene Chloride	2.84	84	414379	49.426	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	396061	51.334	ug/l 98
20) Diisopropyl ether	3.84	45	1314922	57.341	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	714535	52.301	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	450360	51.286	ug/l 98
23) tert-Butyl Alcohol	3.03	59	559706	269.446	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	1228710	49.227	ug/l 100
25) Chloroform	5.20	83	689947	48.686	ug/l 98
26) Cyclohexane	5.57	56	652284	54.049	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	536742	51.731	ug/l 98
30) 2-Butanone	4.65	43	1768435	306.373	ug/l 99
31) 2,2-Dichloropropane	4.57	77	581637	48.590	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	595455	47.788	ug/l 98
33) Carbon Tetrachloride	5.77	117	513779	47.777	ug/l 99
34) Benzene	6.13	78	1620309	53.421	ug/l 100
35) Methacrylonitrile	5.03	41	360851	61.364	ug/l 98
36) 1,2-Dichloroethane	6.18	62	561426	49.659	ug/l 100
37) Trichloroethene	7.20	130	428071	51.283	ug/l 96
38) Methylcyclohexane	7.46	83	657559	51.409	ug/l 99
39) 1,2-Dichloropropane	7.51	63	421426	56.094	ug/l 100
40) Dibromomethane	7.65	93	276974	52.304	ug/l 99

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 VSTDIC050

Quant Time: Nov 12 01:05:01 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)
41) Bromodichloromethane	7.89	83	544546	51.114	ug/l	98
42) Vinyl Acetate	3.80	43	5590707	287.028	ug/l	100
43) Ethyl Acetate	4.82	43	639684	60.575	ug/l	97
44) Isopropyl Acetate	6.43	43	1031431	59.438	ug/l	99
45) 1,4-Dioxane	7.73	88	226157	1065.731	ug/l	99
46) Methyl methacrylate	7.76	41	520716	60.956	ug/l	98
47) n-amyl Acetate	10.89	43	921950	62.123	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	614877	52.541	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	685544	53.724	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	408666	52.069	ug/l	98
51) Ethyl methacrylate	9.17	69	683163	55.239	ug/l	99
52) 1,3-Dichloropropane	9.37	76	698324	52.753	ug/l	99
53) Dibromochloromethane	9.57	129	444636	52.750	ug/l	98
54) 1,2-Dibromoethane	9.67	107	438563	52.358	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1387364	270.833	ug/l	100
56) Bromoform	10.85	173	349148	57.123	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	3320179	310.200	ug/l	100
59) 2-Hexanone	9.48	43	2620412	310.790	ug/l	100
61) Tetrachloroethene	9.33	164	382950	48.730	ug/l	96
62) Toluene	8.78	91	1736808	52.465	ug/l	99
64) Chlorobenzene	10.14	112	1088798	51.672	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	411478	52.312	ug/l	99
66) Ethyl Benzene	10.25	91	1927352	51.027	ug/l	99
67) m/p-Xylenes	10.35	106	1481623	103.329	ug/l	100
68) o-Xylene	10.70	106	716528	51.966	ug/l	98
69) Styrene	10.71	104	1237501	52.450	ug/l	99
70) Isopropylbenzene	11.01	105	1882081	50.246	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	672589	56.610	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	771232	78.294	ug/l	79
73) Bromobenzene	11.25	156	488796	53.269	ug/l	98
74) n-propylbenzene	11.35	91	2166883	52.349	ug/l	100
75) 2-Chlorotoluene	11.42	91	1257012	49.060	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1577990	49.979	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	237865	59.444	ug/l	96
78) 4-Chlorotoluene	11.51	91	1449954	49.405	ug/l	100
79) tert-butylbenzene	11.76	119	1587365	51.481	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1578068	50.082	ug/l	99
81) sec-Butylbenzene	11.94	105	1835137	50.856	ug/l	100
82) p-Isopropyltoluene	12.06	119	1683728	50.816	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	860668	51.877	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	844341	51.450	ug/l	100
85) n-Butylbenzene	12.39	91	1464555	51.880	ug/l	99
86) Hexachloroethane	12.59	117	309417	53.251	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	852334	52.827	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	153106	54.185	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	602405	58.627	ug/l	98
90) Hexachlorobutadiene	13.78	225	283626	54.611	ug/l	98
91) Naphthalene	13.83	128	1948278	58.623	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	608202	57.857	ug/l	99

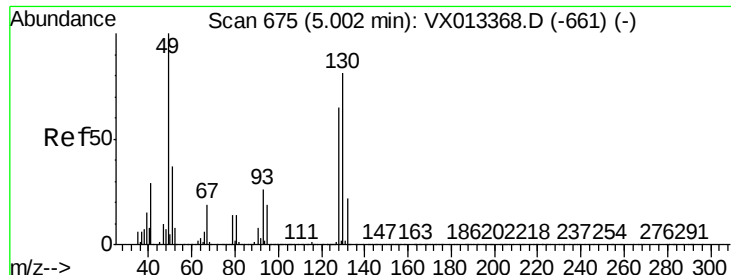
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
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MSVOA_X
ClientSampleId :
VSTDICC050

Quant Time: Nov 12 01:05:01 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration

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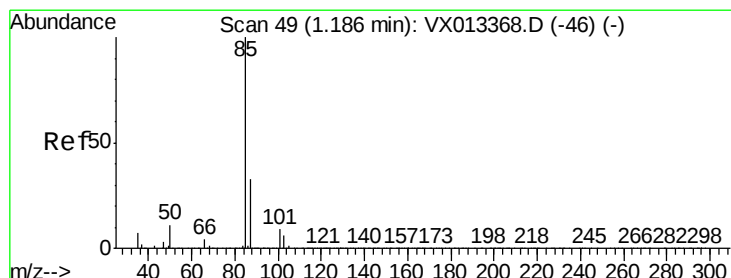
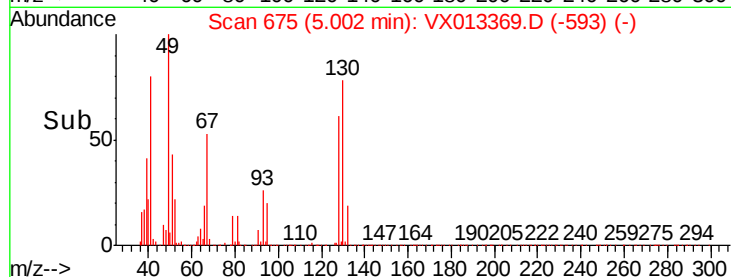
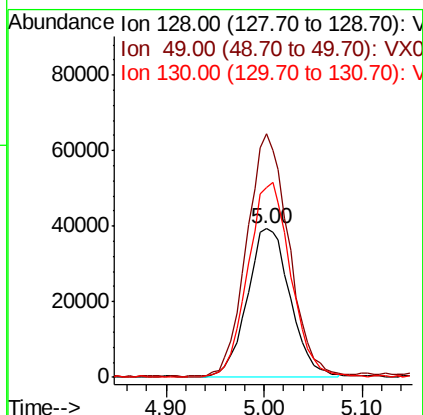
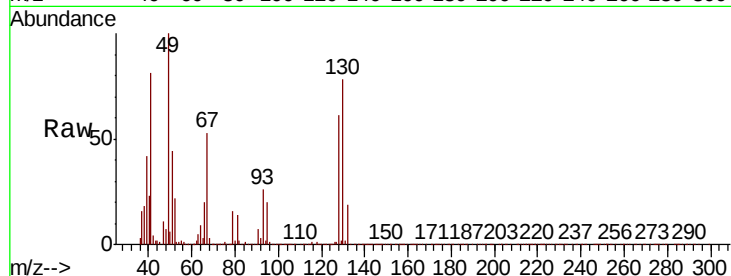
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

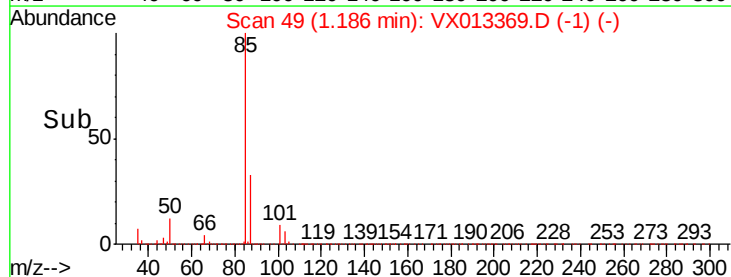
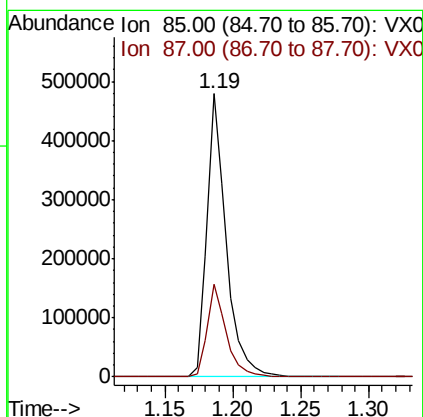
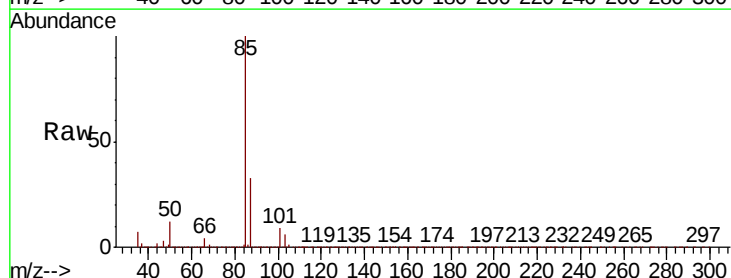
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

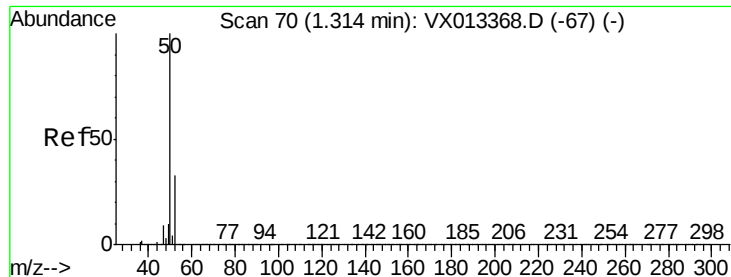
Tot Ion:128 Resp: 119748
 Ion Ratio Lower Upper
 128 100
 49 157.6 0.0 388.3
 130 131.4 0.0 318.5



#2
 Dichlorodifluoromethane
 Concen: 54.761 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion: 85 Resp: 470683
 Ion Ratio Lower Upper
 85 100
 87 32.6 16.6 49.7





#3

Chloromethane

Concen: 63.076 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

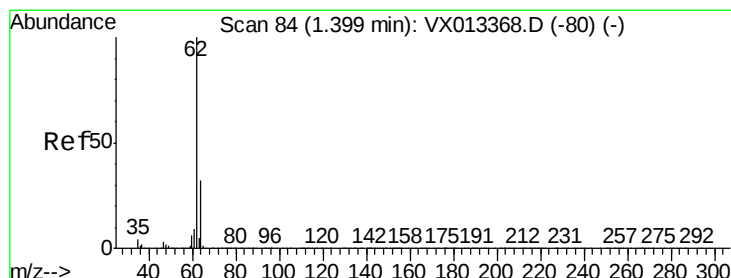
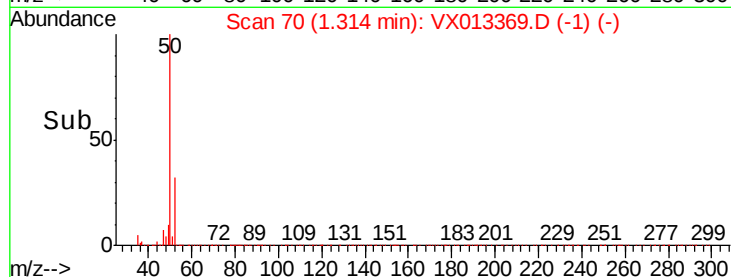
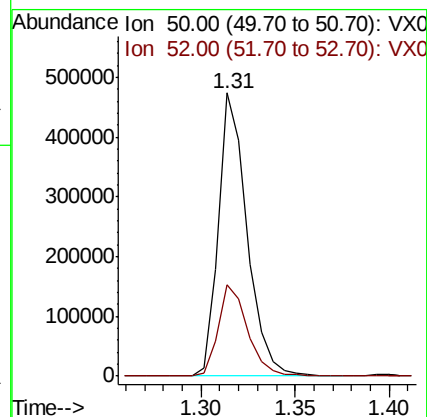
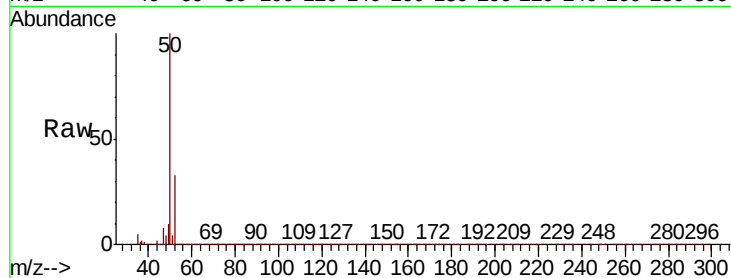
VSTDIC050

Tot Ion: 50 Resp: 498754

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 68.996 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013369.D

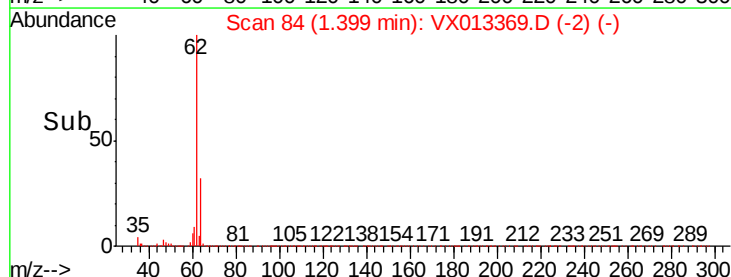
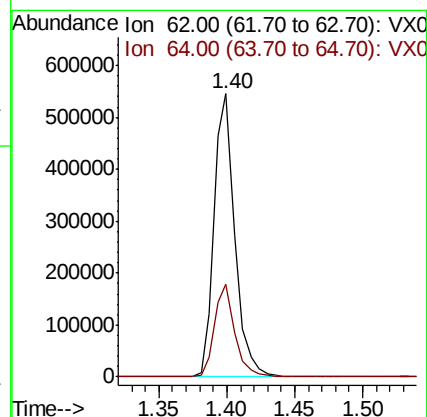
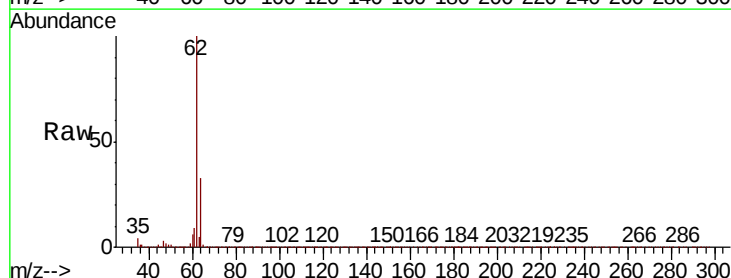
Acq: 11 Nov 2019 17:16

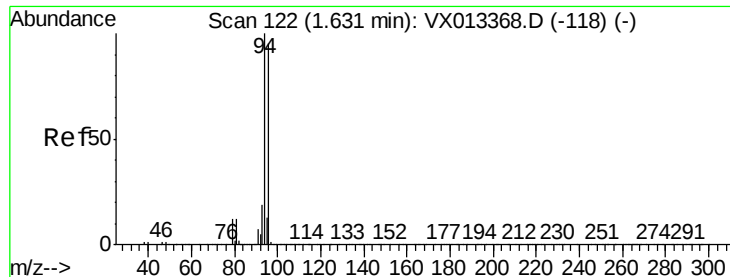
Tgt Ion: 62 Resp: 576213

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 74.754 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

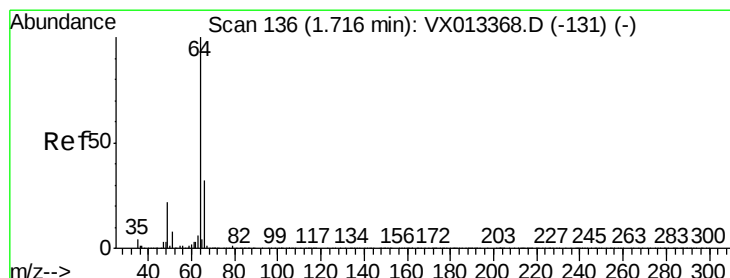
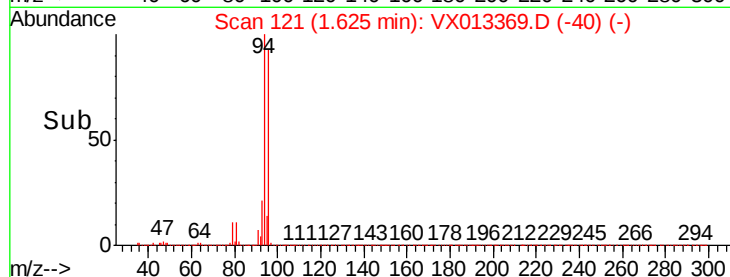
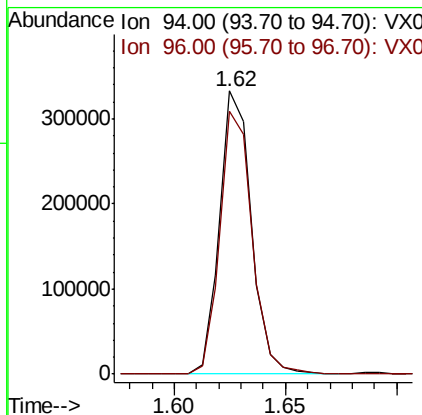
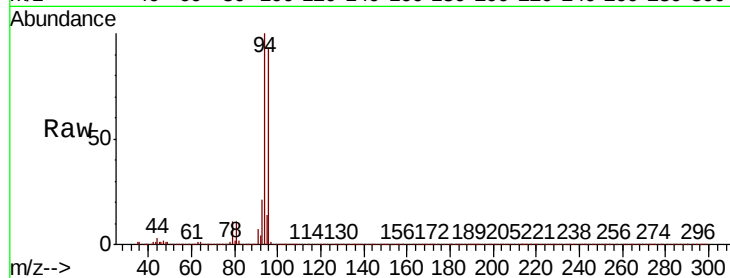
VSTDIC050

Tot Ion: 94 Resp: 326463

Ion Ratio Lower Upper

94 100

96 92.9 75.7 113.5



#6

Chloroethane

Concen: 59.958 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013369.D

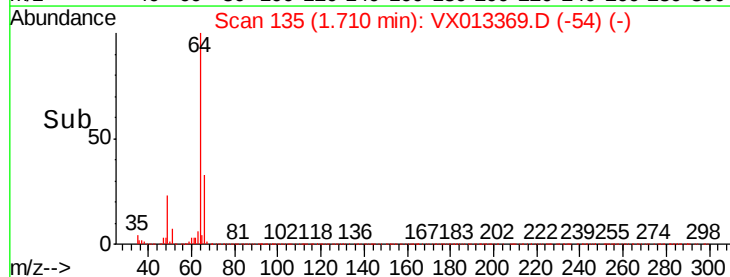
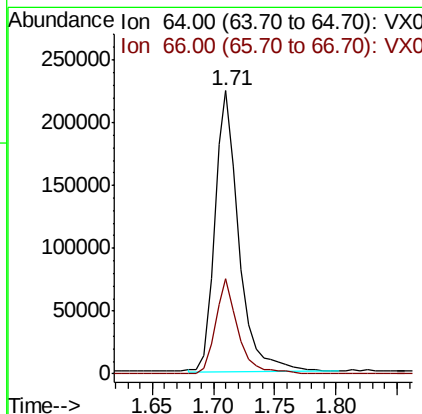
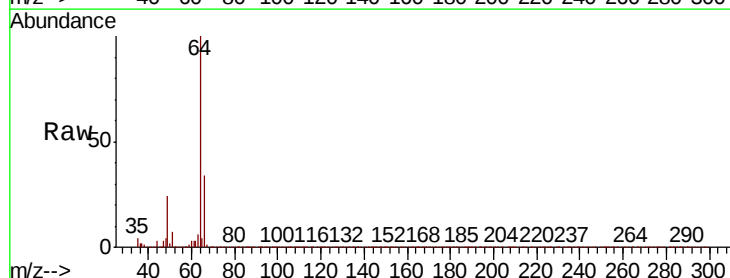
Acq: 11 Nov 2019 17:16

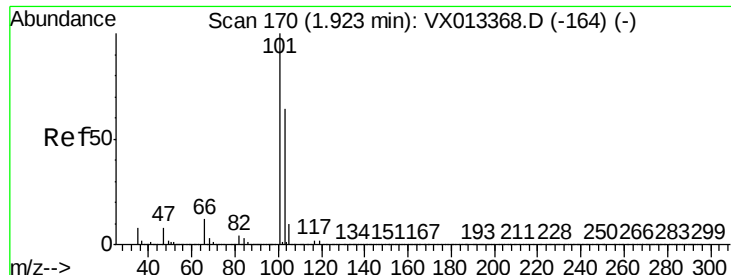
Tgt Ion: 64 Resp: 305315

Ion Ratio Lower Upper

64 100

66 33.8 25.5 38.3



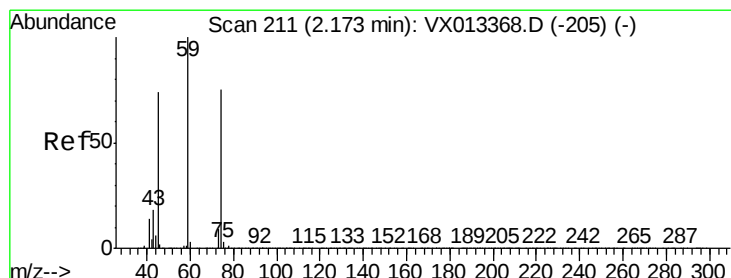
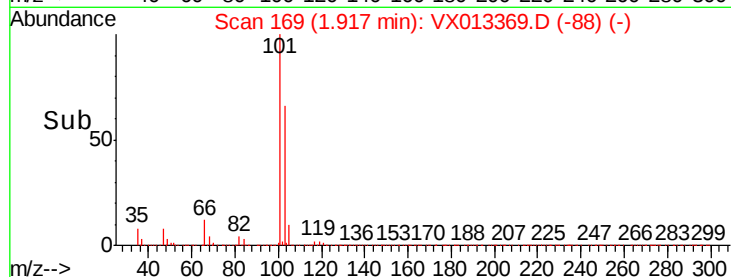
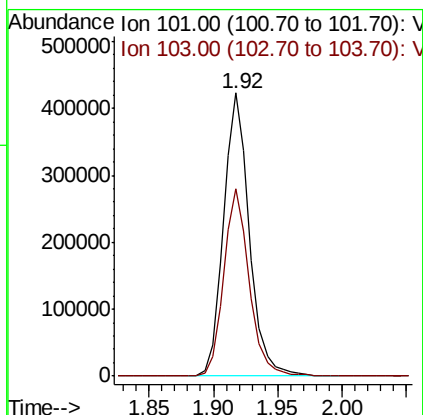
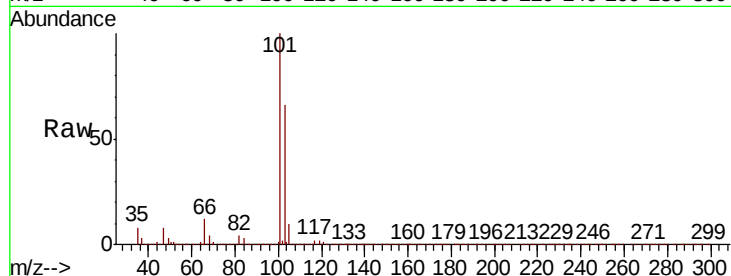


#7

Trichlorofluoromethane
Concen: 48.556 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

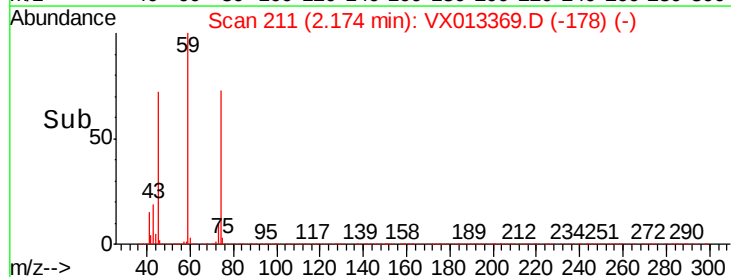
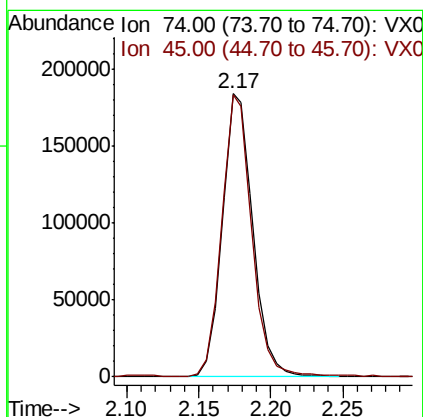
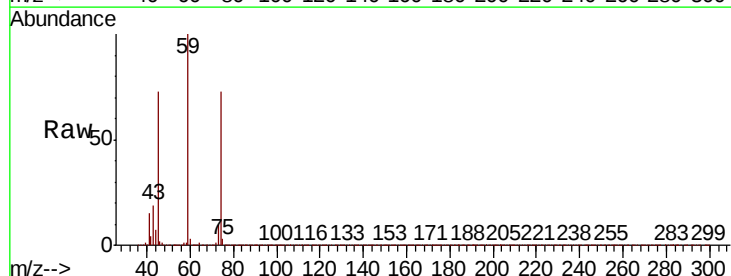
Tot Ion:101 Resp: 592919
Ion Ratio Lower Upper
101 100
103 66.0 51.2 76.8

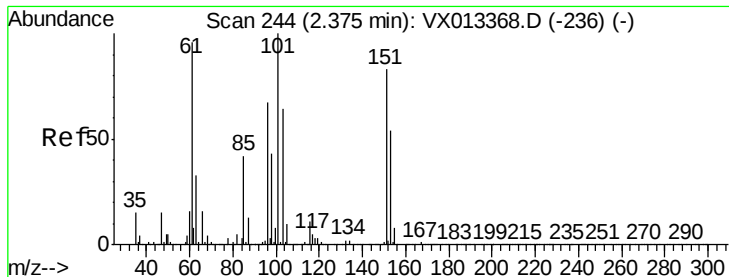


#8

Diethyl Ether
Concen: 61.603 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 74 Resp: 272919
Ion Ratio Lower Upper
74 100
45 97.4 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.884 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

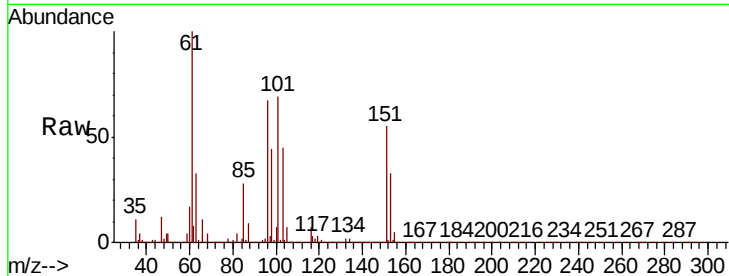
Tot Ion:101 Resp: 366999

Ion Ratio Lower Upper

101 100

85 40.8 0.0 83.2

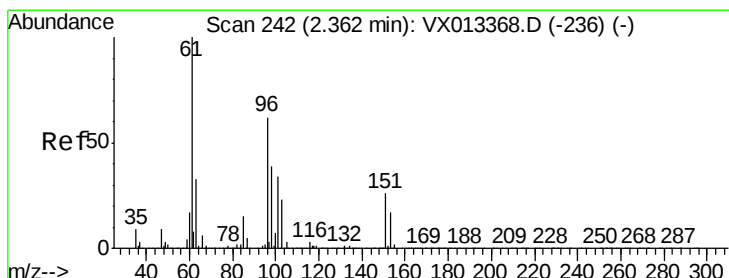
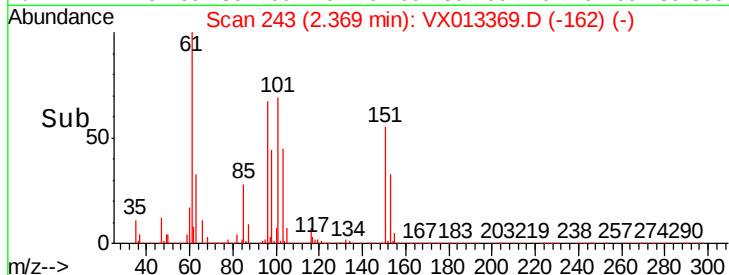
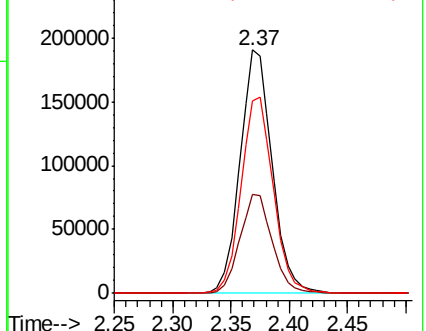
151 80.6 0.0 163.8



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: 50.816 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

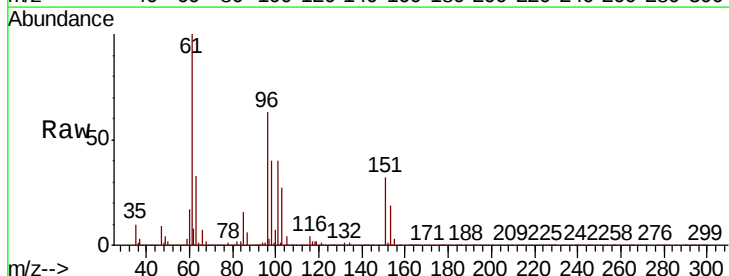
Tgt Ion: 96 Resp: 369716

Ion Ratio Lower Upper

96 100

61 159.1 128.9 193.3

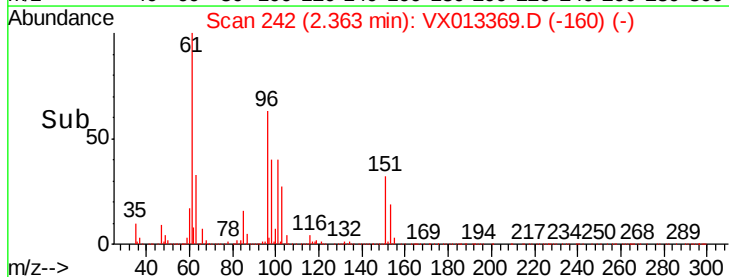
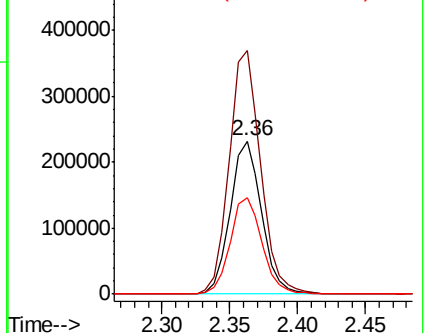
98 63.1 49.7 74.5

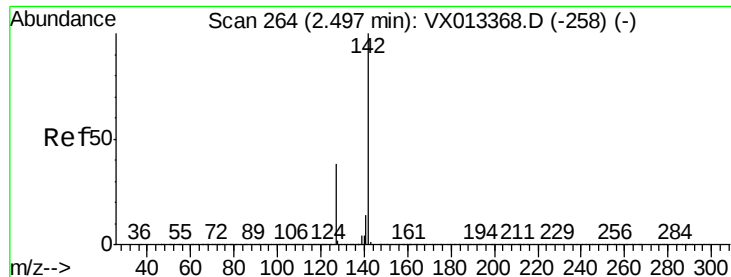


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

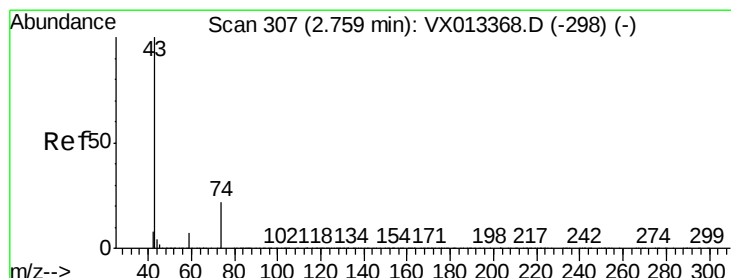
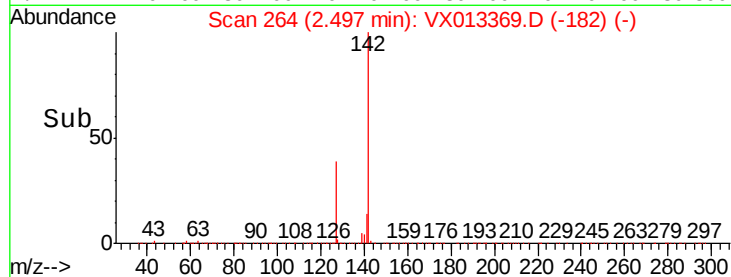
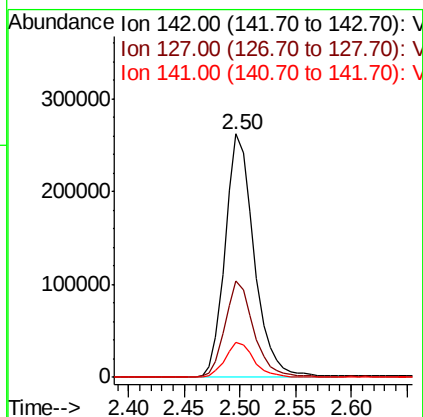
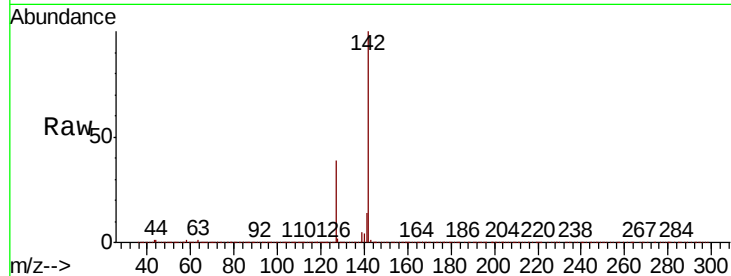




#11
Methvl Iodide
Concen: 51.082 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

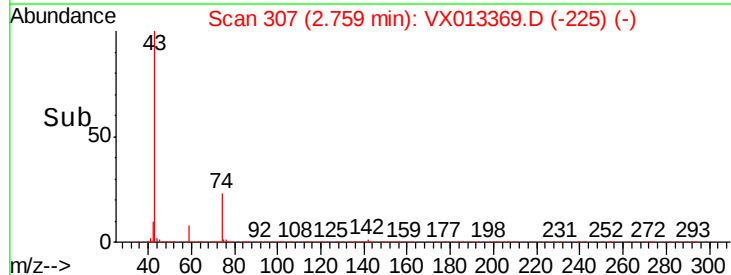
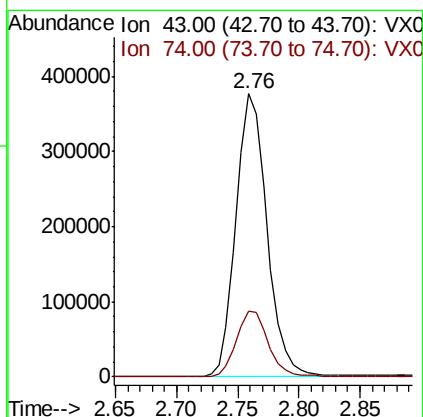
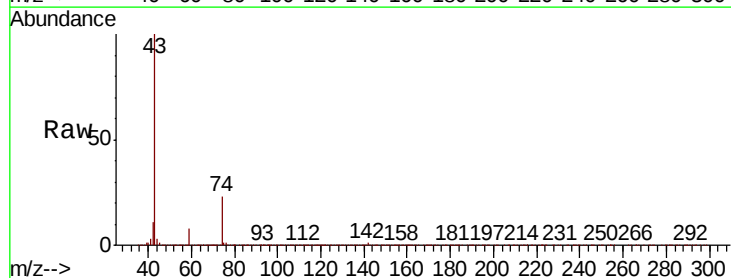
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

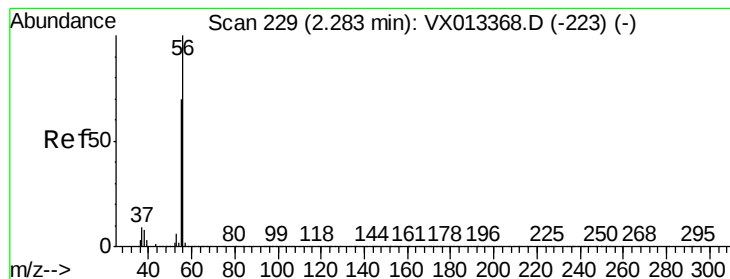
Tot Ion:142 Resp: 475203
Ion Ratio Lower Upper
142 100
127 39.3 19.1 57.5
141 14.2 7.0 21.0



#12
Methyl Acetate
Concen: 66.345 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 43 Resp: 663266
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0





#13

Acrolein

Concen: 245.211 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

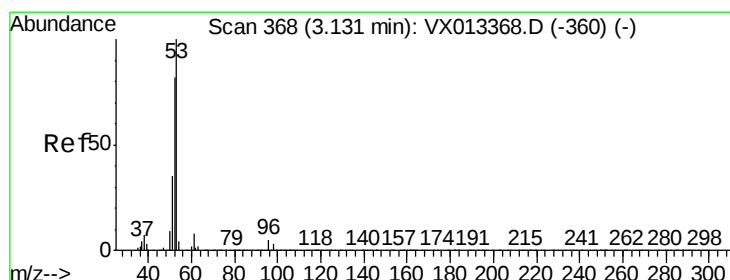
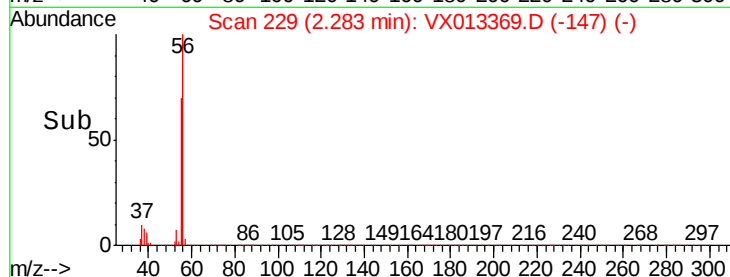
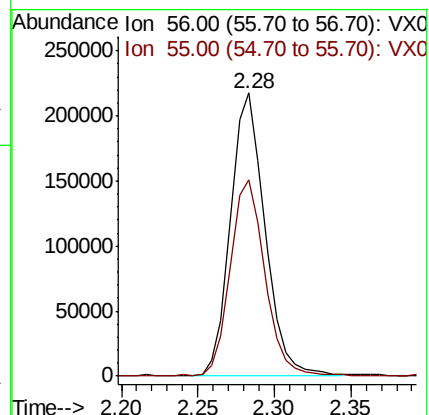
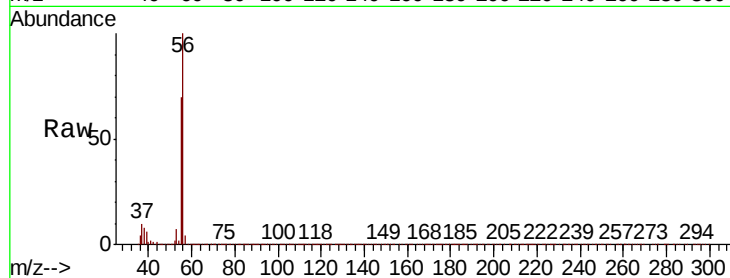
VSTDIC050

Tot Ion: 56 Resp: 336621

Ion Ratio Lower Upper

56 100

55 69.5 55.8 83.8



#14

Acrylonitrile

Concen: 296.016 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

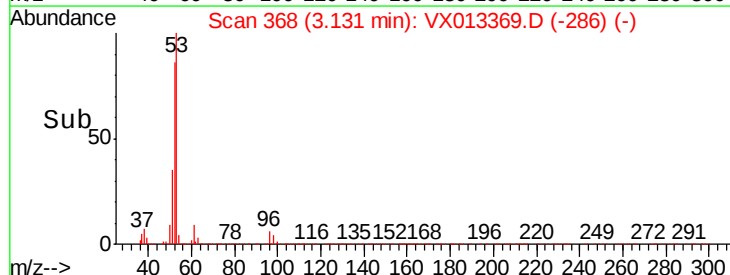
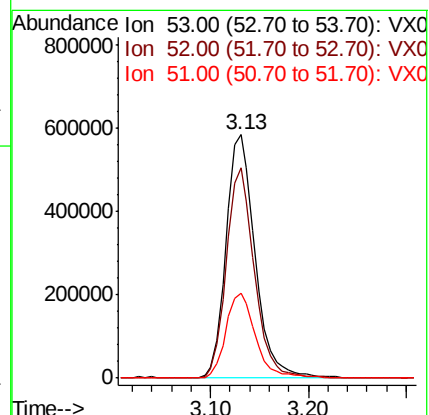
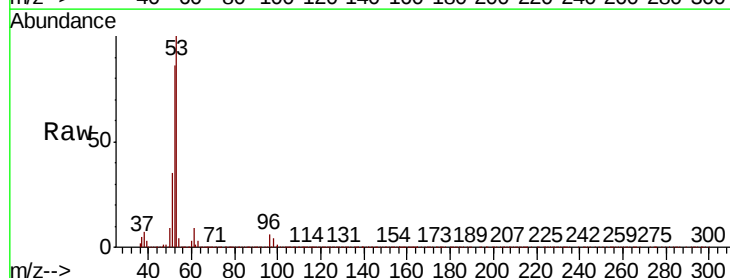
Tgt Ion: 53 Resp: 1199406

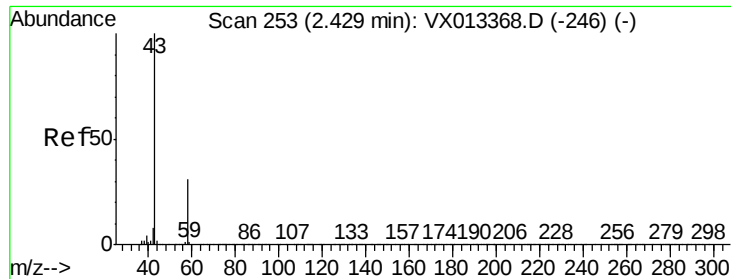
Ion Ratio Lower Upper

53 100

52 83.3 41.0 123.0

51 35.8 17.3 51.9

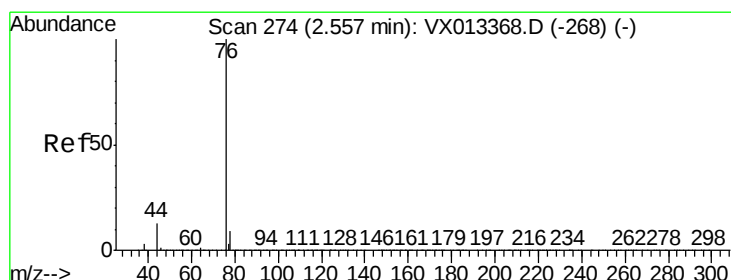
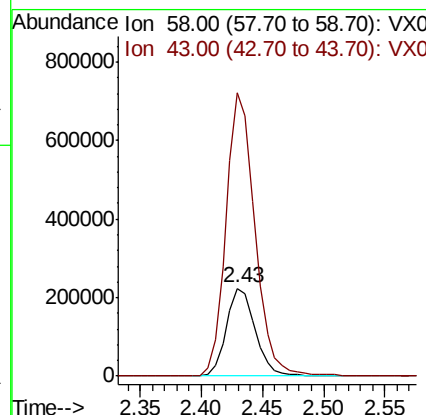
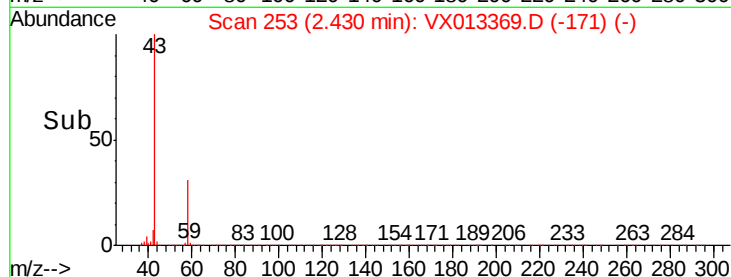
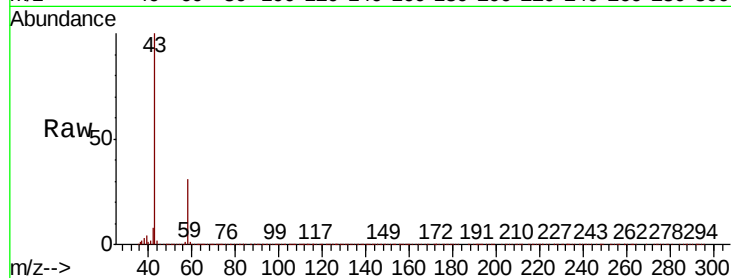




#15
Acetone
Concen: 272.925 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

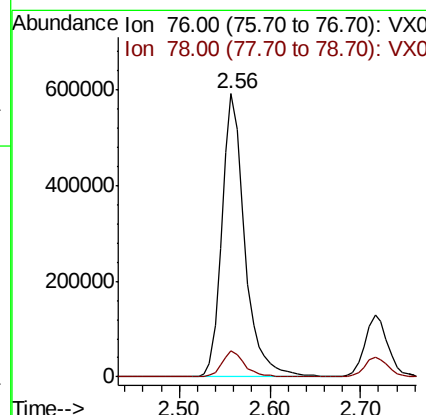
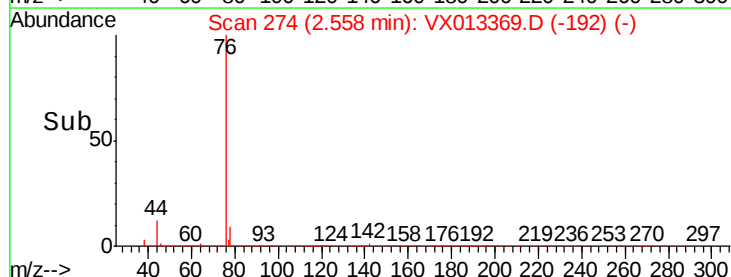
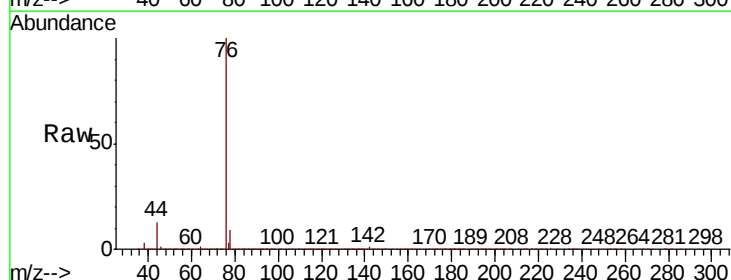
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

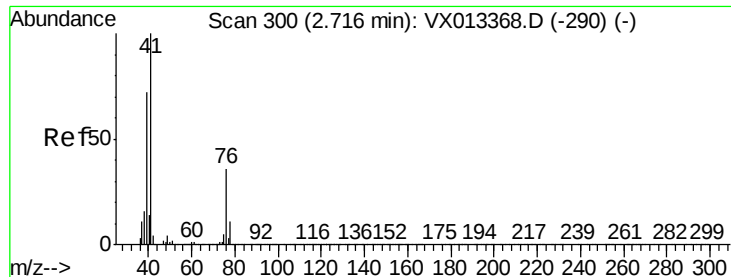
Tot Ion: 58 Resp: 364666
Ion Ratio Lower Upper
58 100
43 322.3 261.4 392.2



#16
Carbon Disulfide
Concen: 53.114 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 76 Resp: 1042151
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

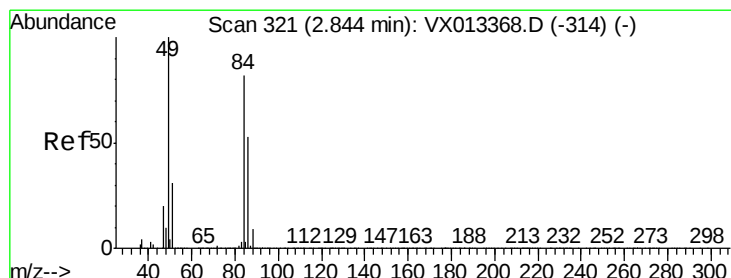
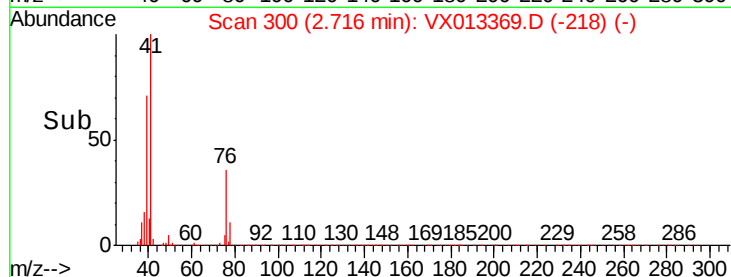
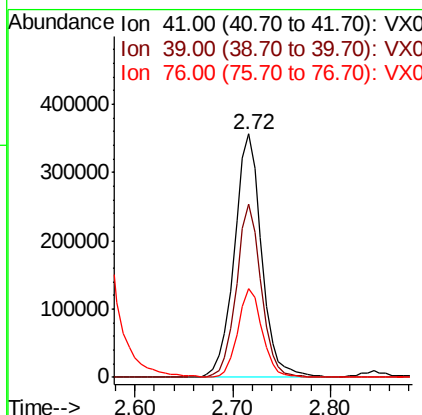
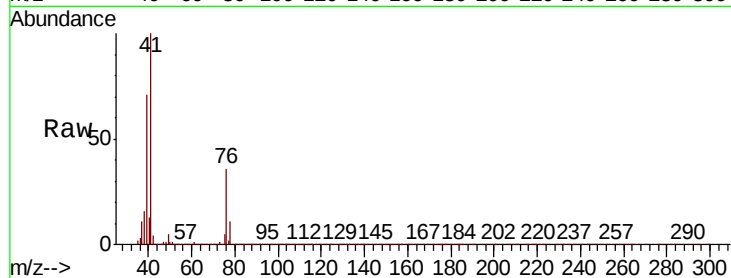




#17
Allvl chloride
Concen: 57.607 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

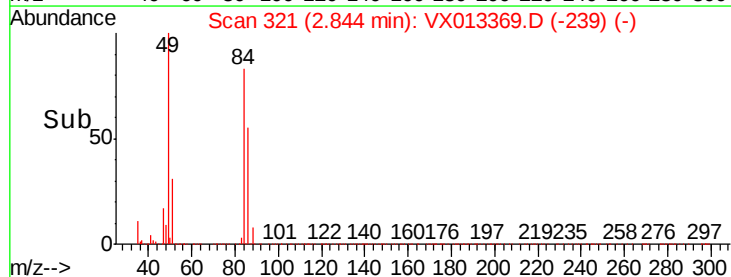
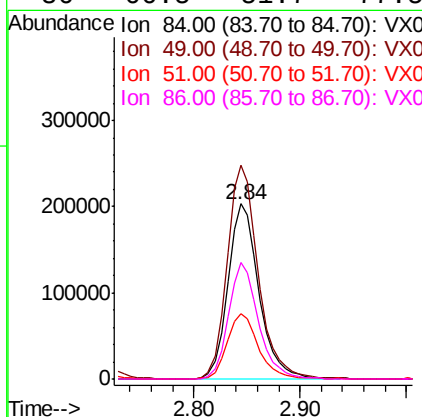
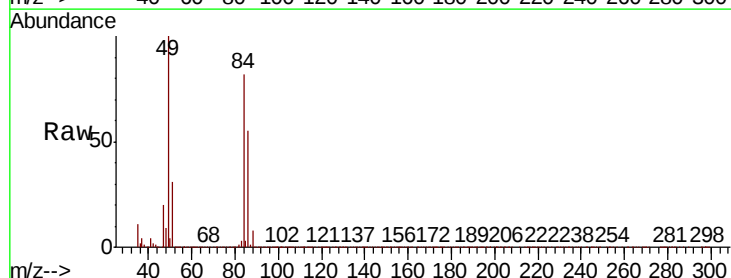
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

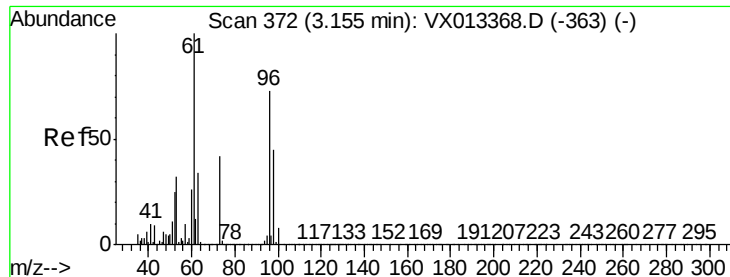
Tot Ion: 41 Resp: 686973
Ion Ratio Lower Upper
41 100
39 71.1 36.1 108.3
76 36.1 18.1 54.4



#18
Methylene Chloride
Concen: 49.426 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 84 Resp: 414379
Ion Ratio Lower Upper
84 100
49 121.8 96.8 145.2
51 37.4 30.0 45.0
86 66.5 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 51.334 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

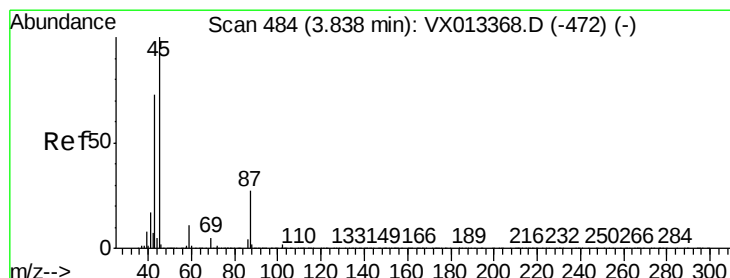
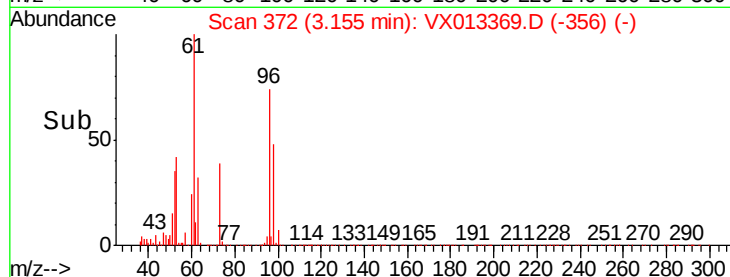
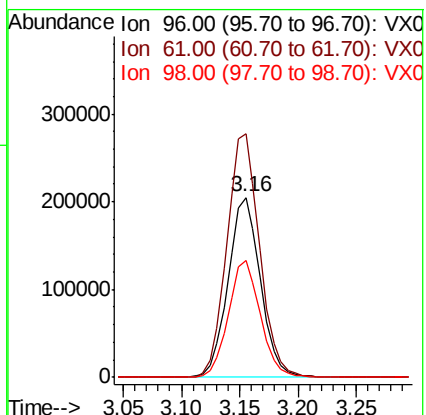
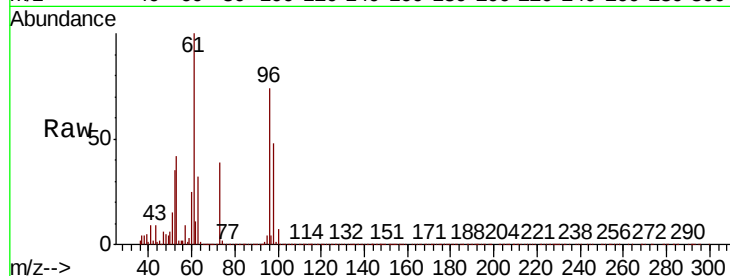
Tot Ion: 96 Resp: 396061

Ion Ratio Lower Upper

96 100

61 135.2 109.9 164.9

98 65.0 49.7 74.5



#20

Diisopropyl ether

Concen: 57.341 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion: 45 Resp: 1314922

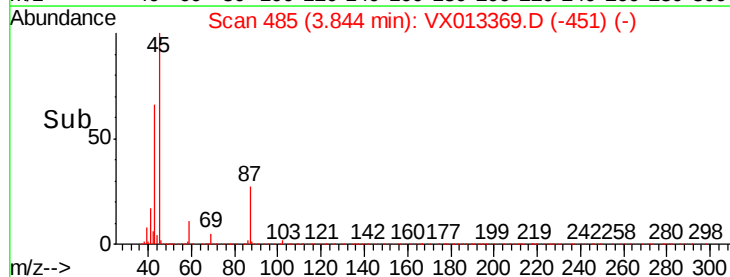
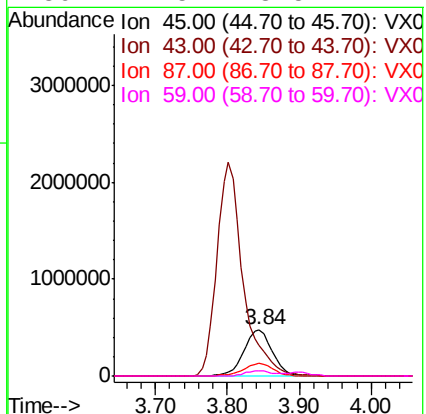
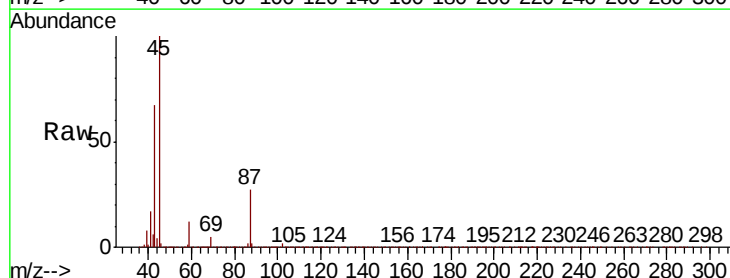
Ion Ratio Lower Upper

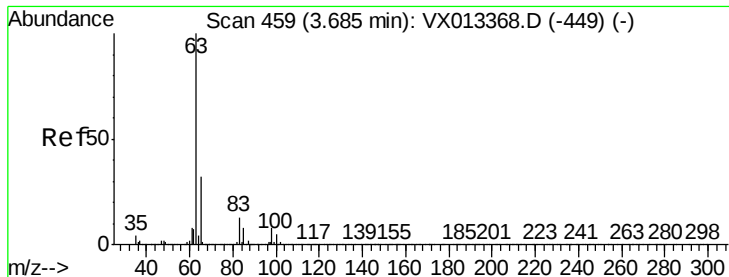
45 100

43 66.3 67.7 101.5#

87 27.2 21.5 32.3

59 11.5 8.5 12.7





#21

1,1-Dichloroethane

Concen: 52.301 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

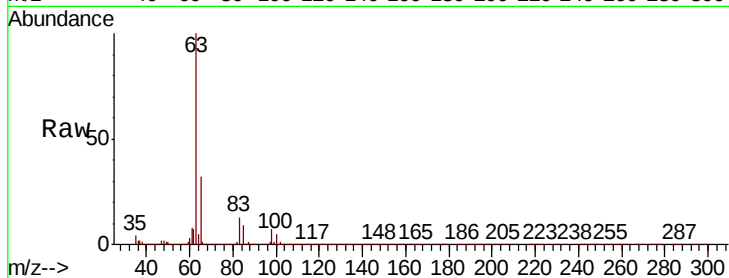
Tot Ion: 63 Resp: 714535

Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

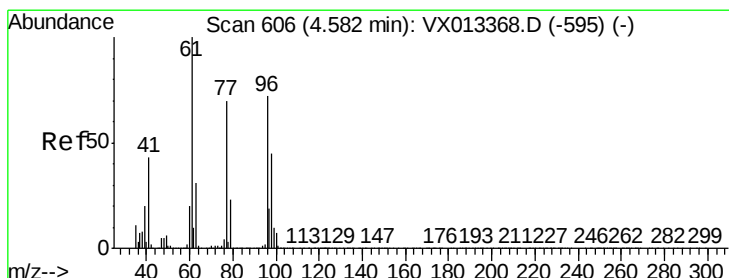
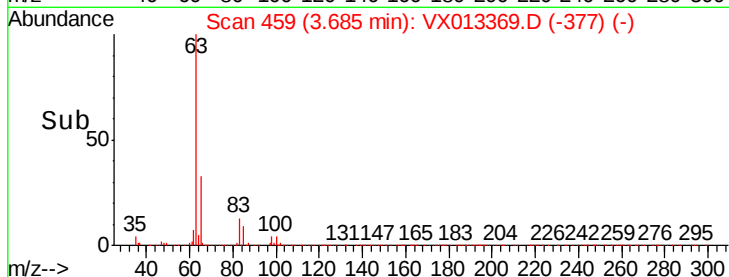
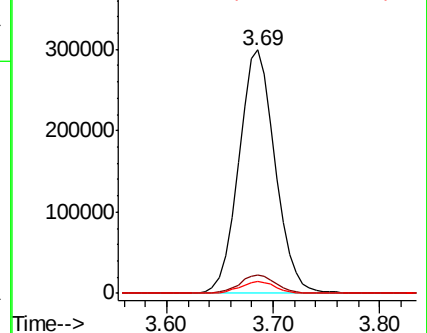
100 4.7 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 51.286 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

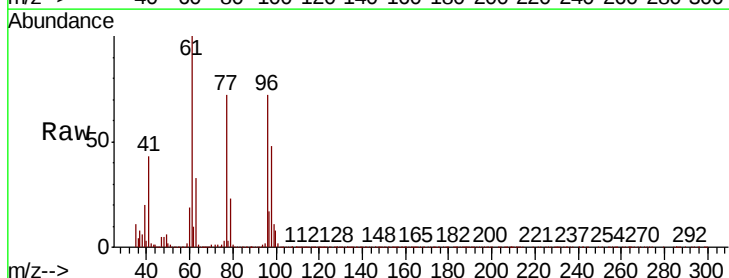
Tgt Ion: 96 Resp: 450360

Ion Ratio Lower Upper

96 100

61 143.6 117.0 175.6

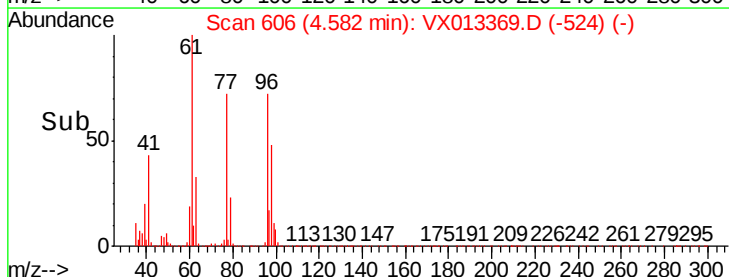
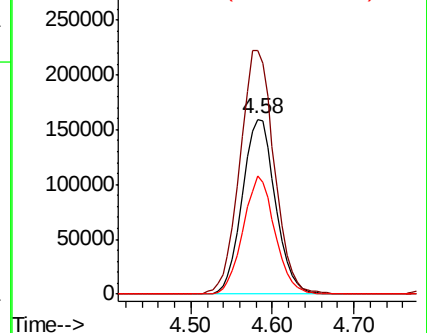
98 64.7 51.1 76.7

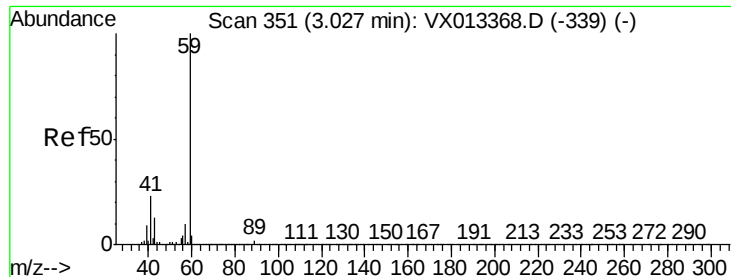


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



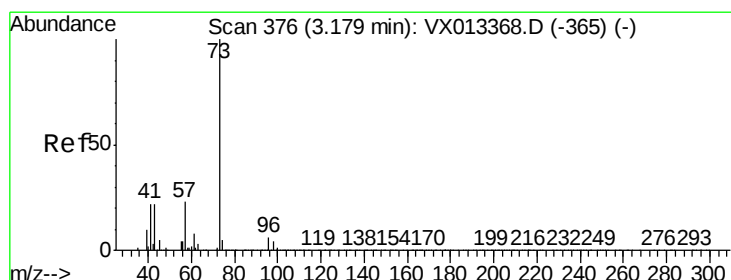
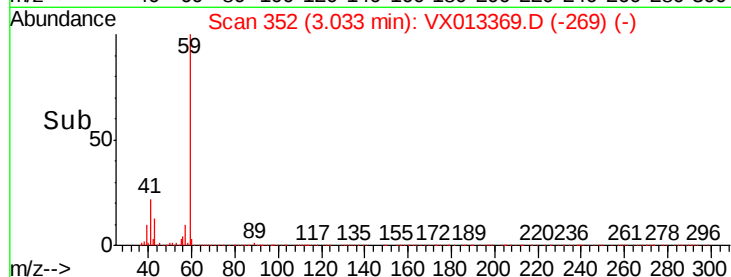
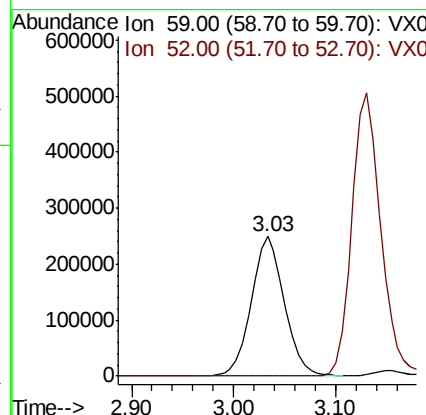
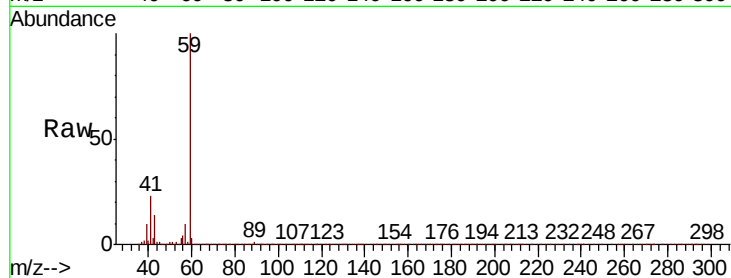


#23

tert-Butyl Alcohol
 Concen: 269.446 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

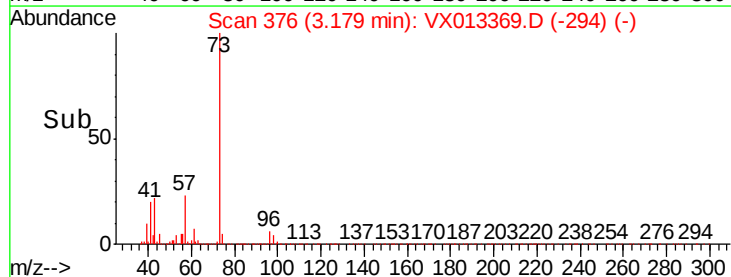
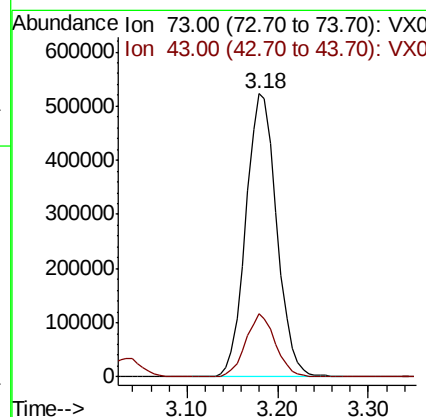
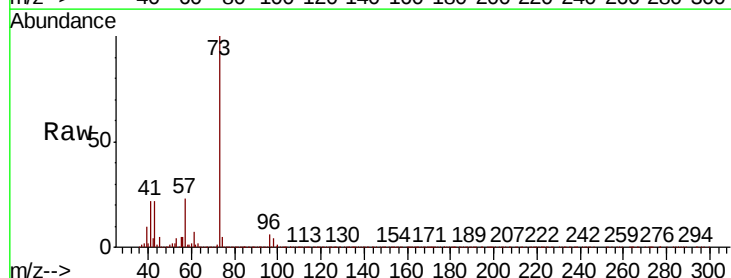
Tot Ion: 59 Resp: 559706
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

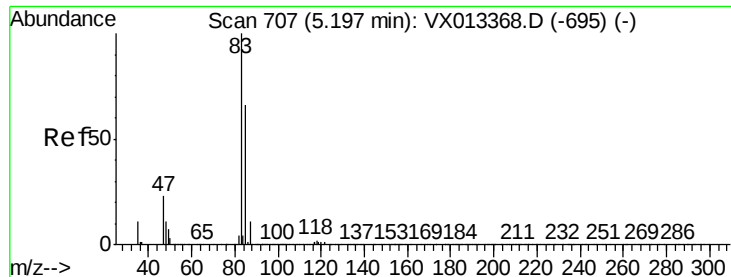


#24

Methyl tert-Butyl Ether
 Concen: 49.227 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion: 73 Resp: 1228710
 Ion Ratio Lower Upper
 73 100
 43 21.2 17.0 25.6





#25

Chloroform

Concen: 48.686 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

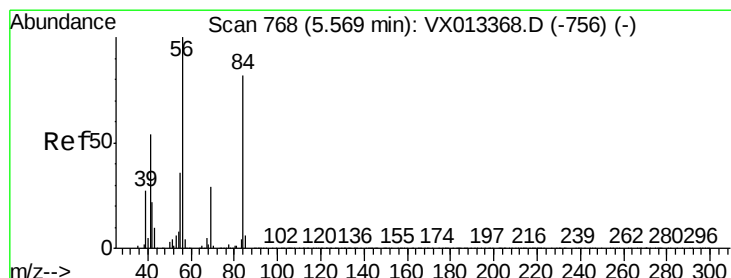
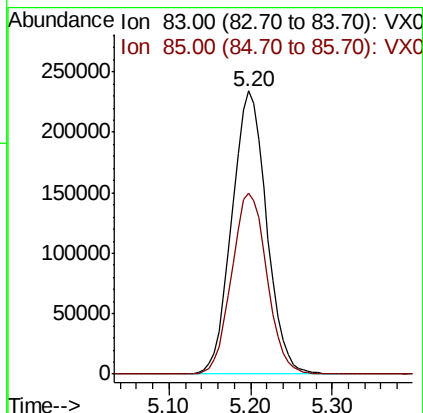
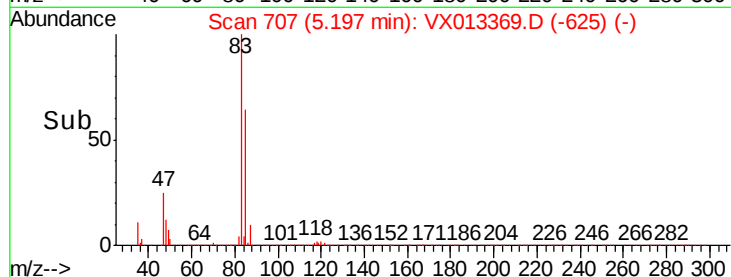
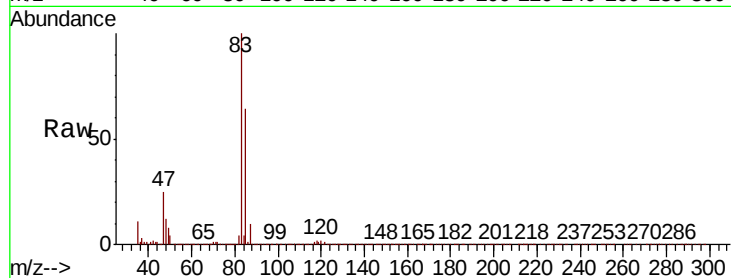
VSTDIC050

Tot Ion: 83 Resp: 689947

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6



#26

Cyclohexane

Concen: 54.049 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

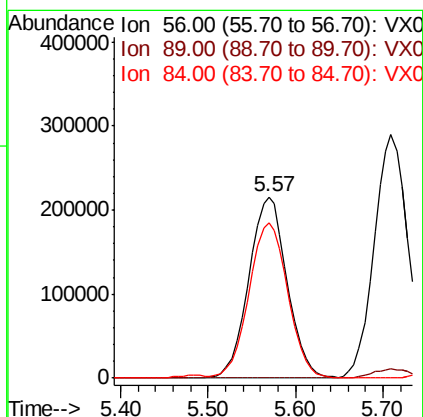
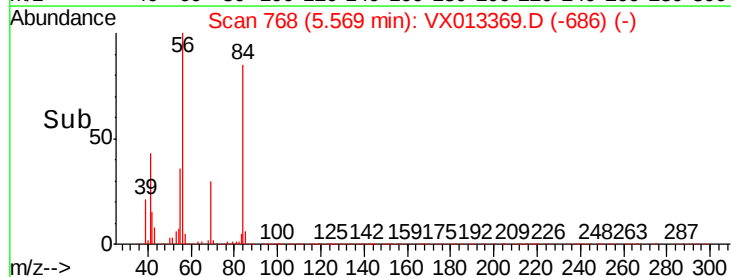
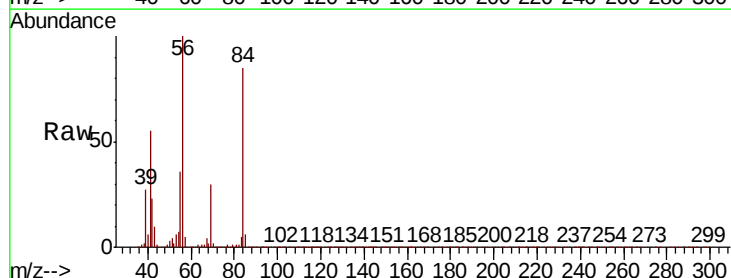
Tgt Ion: 56 Resp: 652284

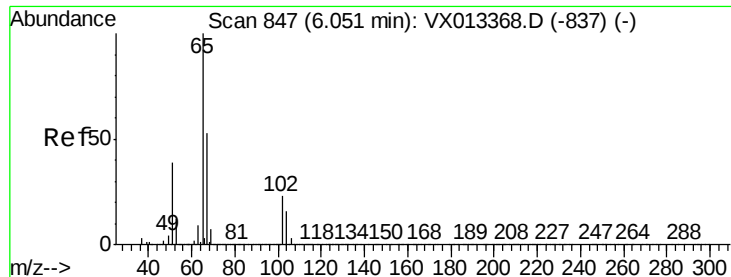
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 87.5 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.073 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampled :

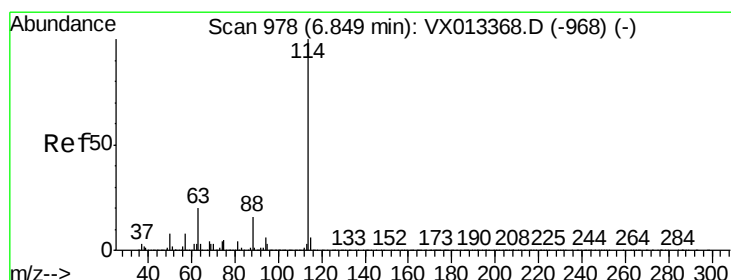
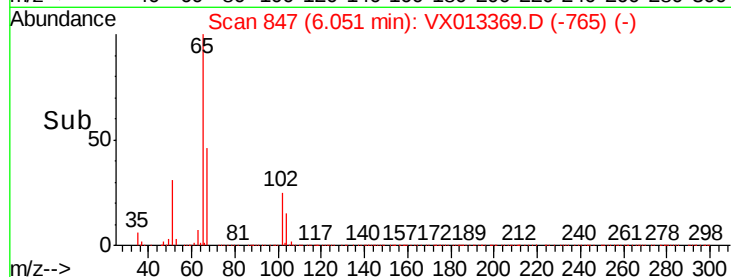
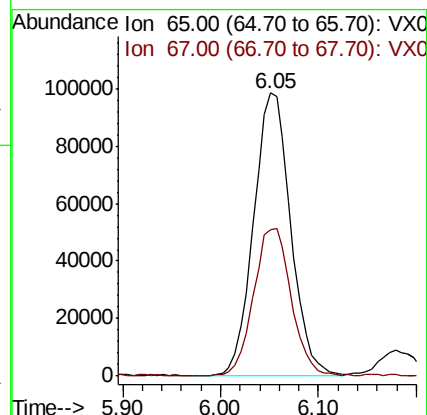
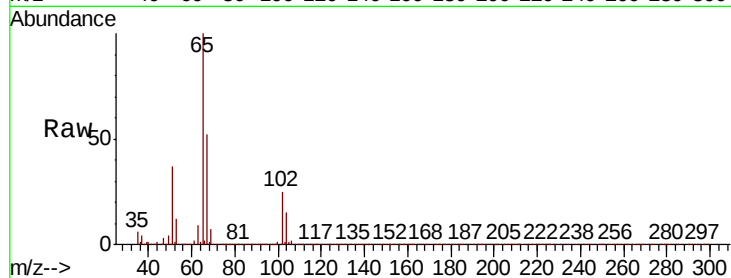
VSTDIC050

Tot Ion: 65 Resp: 259999

Ion Ratio Lower Upper

65 100

67 52.9 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: VX013369.D

Acq: 11 Nov 2019 17:16

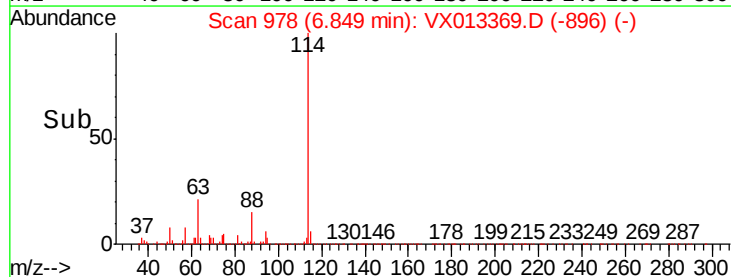
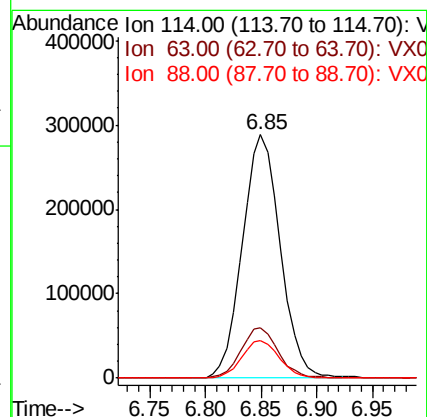
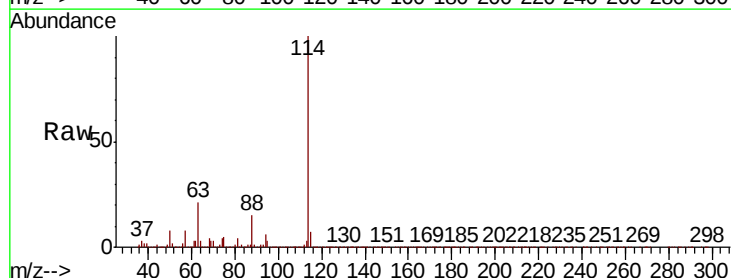
Tgt Ion: 114 Resp: 680994

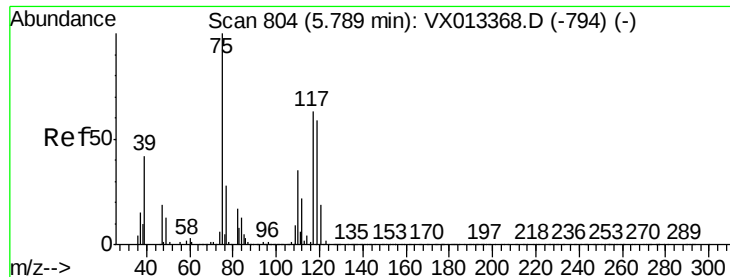
Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

88 15.5 12.3 18.5





#29

1,1-Dichloropropene

Concen: 51.731 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

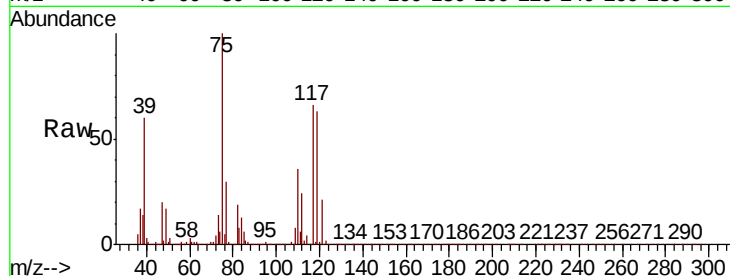
Tot Ion: 75 Resp: 536742

Ion Ratio Lower Upper

75 100

110 36.2 0.0 74.6

77 30.2 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

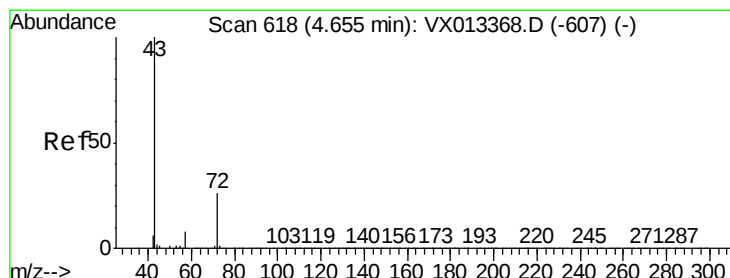
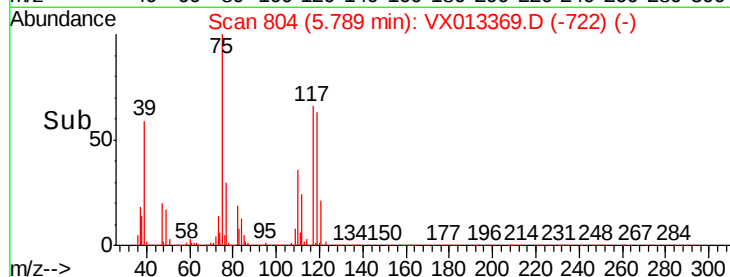
100000

50000

0

5.70 5.80 5.90

Time-->



#30

2-Butanone

Concen: 306.373 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

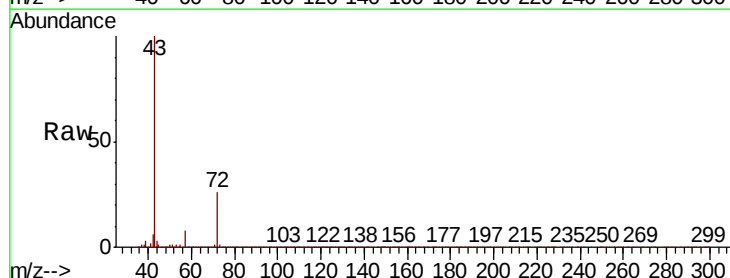
Tgt Ion: 43 Resp: 1768435

Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 26.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800000

600000

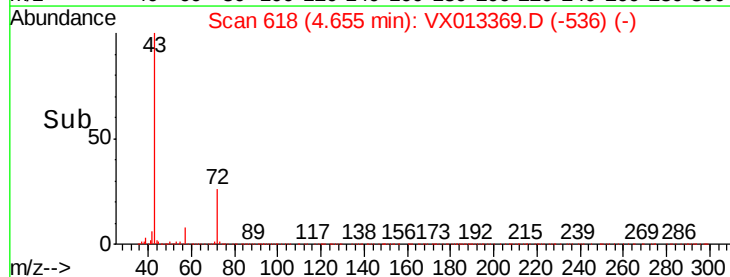
400000

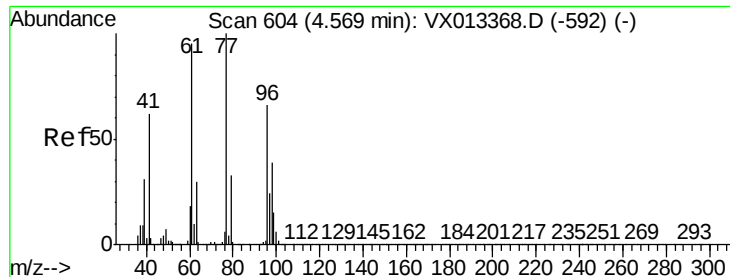
200000

0

4.60 4.70 4.80

Time-->





#31

2,2-Dichloropropane

Concen: 48.590 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

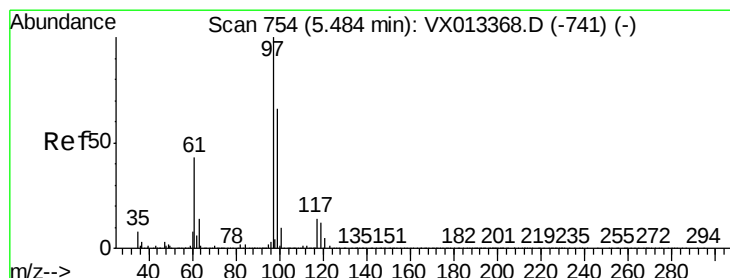
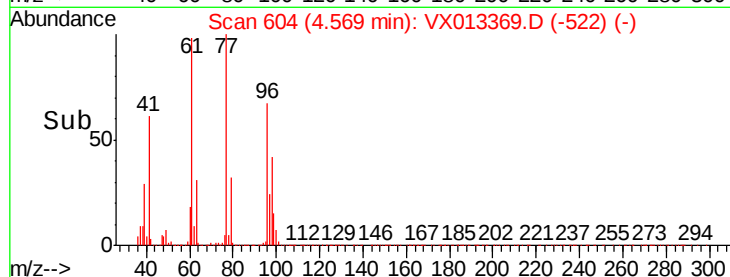
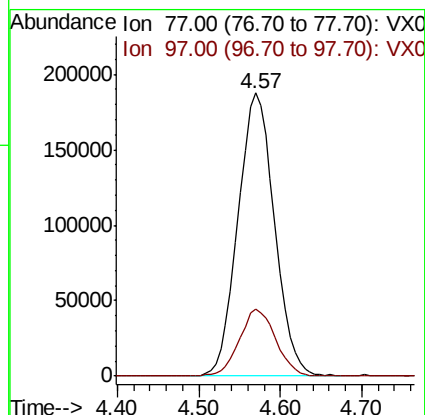
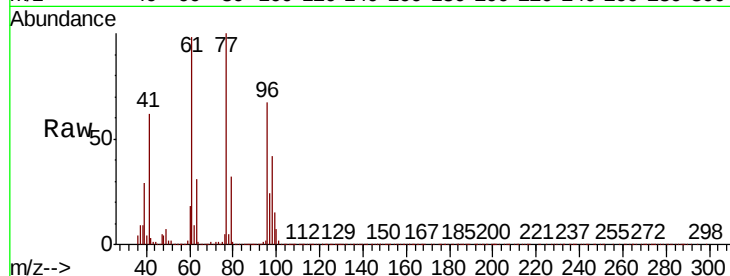
VSTDIC050

Tot Ion: 77 Resp: 581637

Ion Ratio Lower Upper

77 100

97 23.4 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 47.788 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

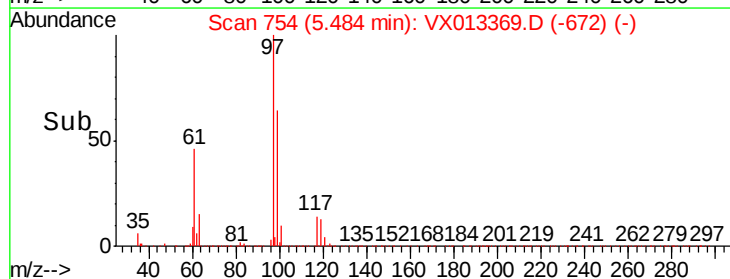
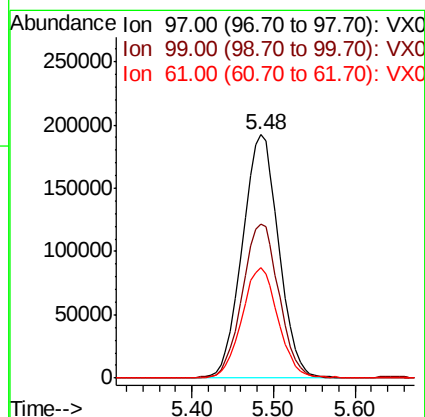
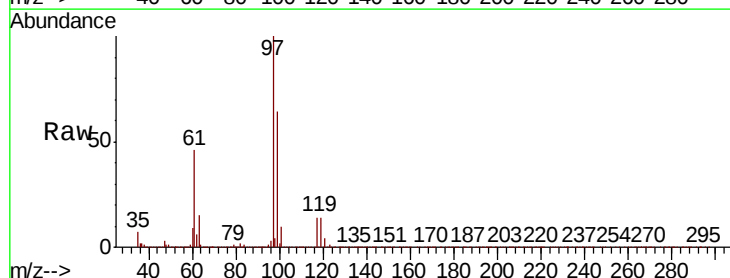
Tgt Ion: 97 Resp: 595455

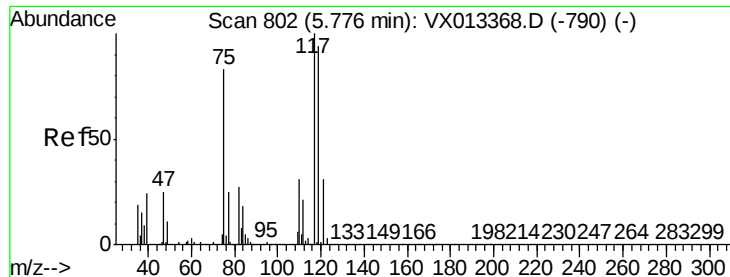
Ion Ratio Lower Upper

97 100

99 63.6 52.5 78.7

61 44.9 36.1 54.1





#33

Carbon Tetrachloride

Concen: 47.777 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

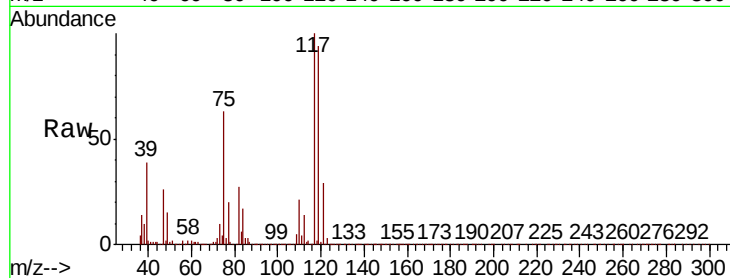
Tot Ion:117 Resp: 513779

Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.6

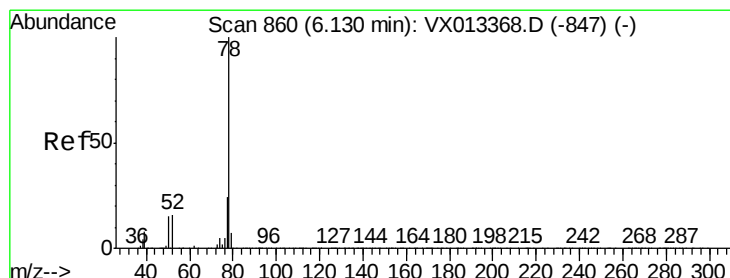
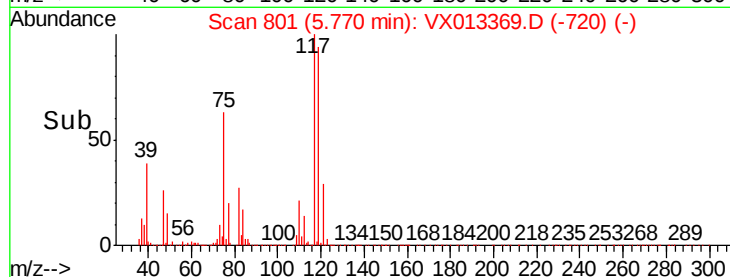
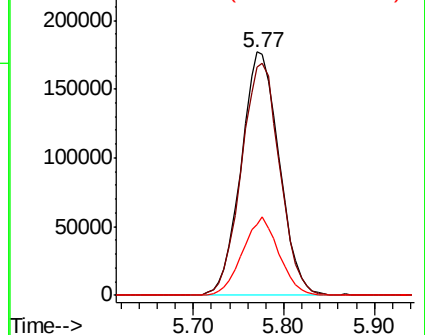
121 29.3 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 53.421 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

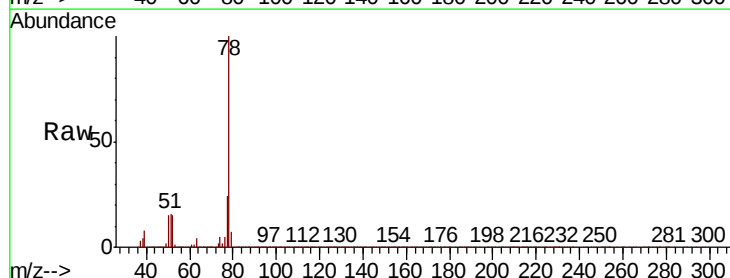
Tgt Ion: 78 Resp: 1620309

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

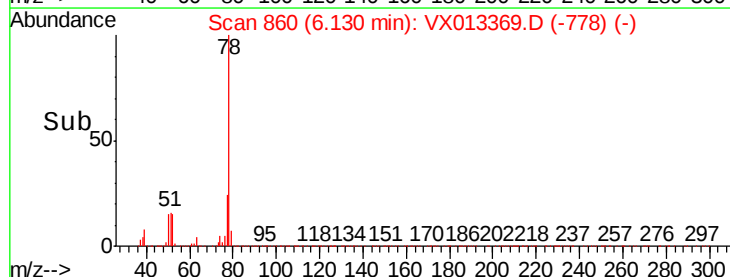
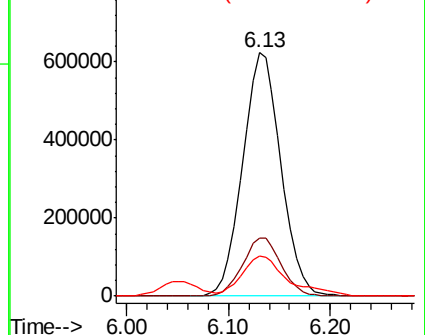
51 15.4 12.2 18.4

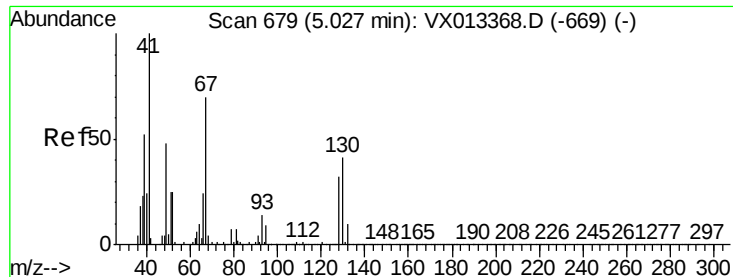


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

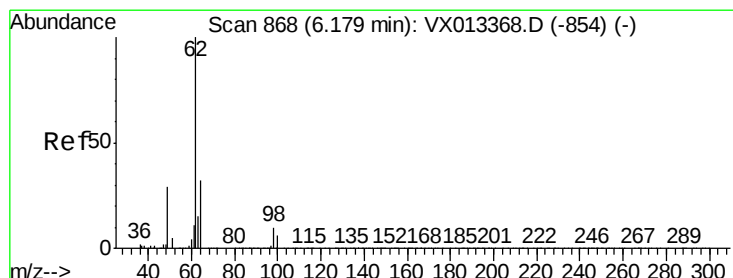
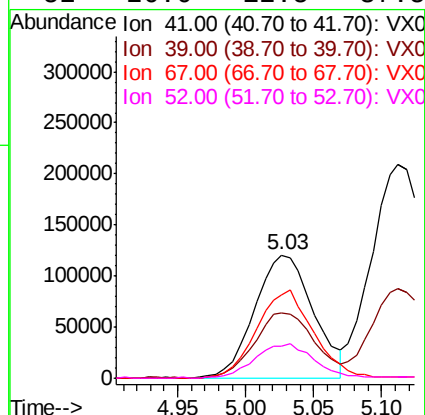
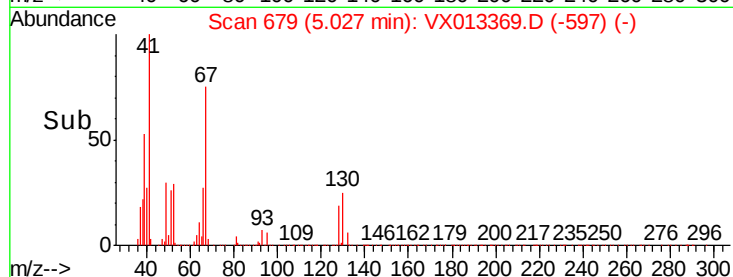
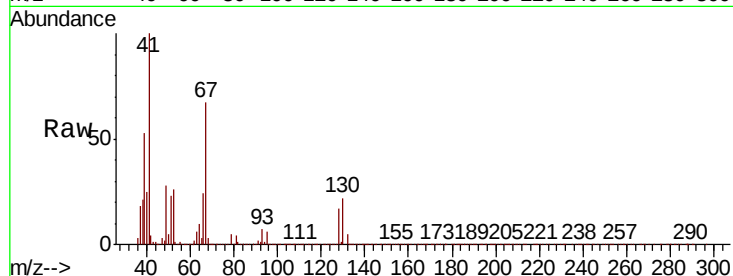




#35
Methacrylonitrile
Concen: 61.364 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

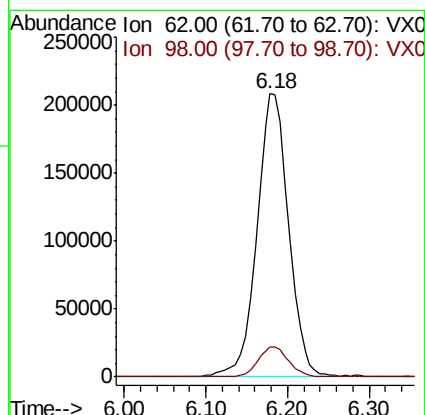
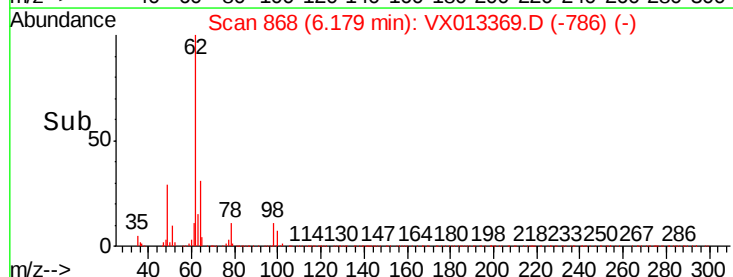
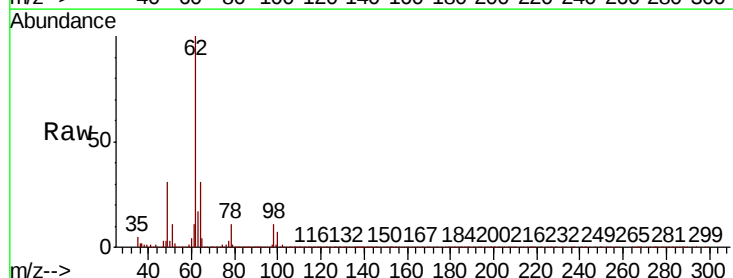
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

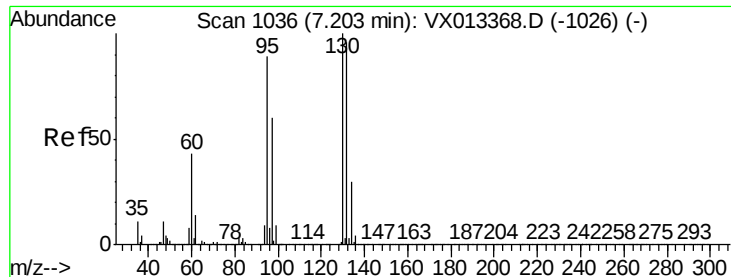
Tot Ion:	41	Resp:	360851
Ion	Ratio	Lower	Upper
41	100		
39	52.4	25.9	77.8
67	67.1	35.1	105.5
52	26.0	12.5	37.5



#36
1,2-Dichloroethane
Concen: 49.659 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion:	62	Resp:	561426
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2





#37

Trichloroethene

Concen: 51.283 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

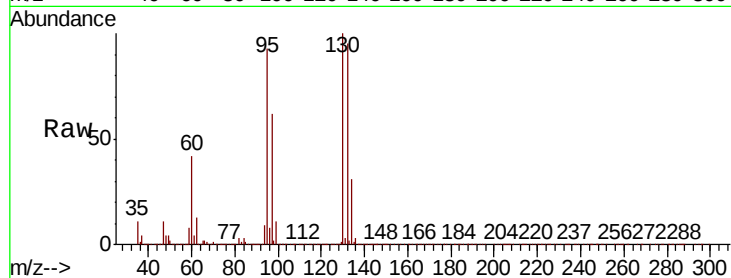
VSTDIC050

Tot Ion:130 Resp: 428071

Ion Ratio Lower Upper

130 100

95 92.7 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

200000

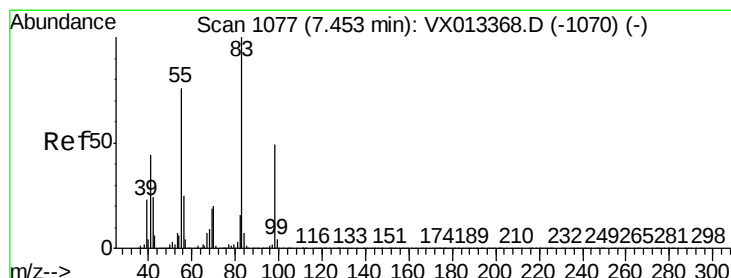
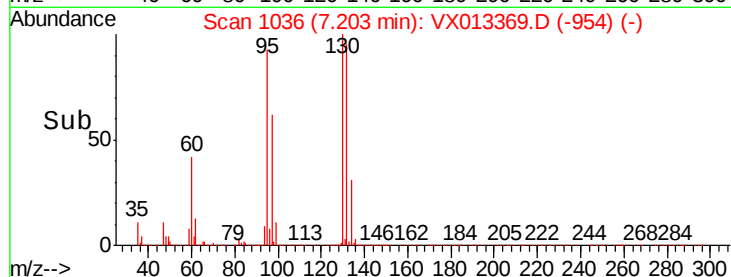
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 51.409 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

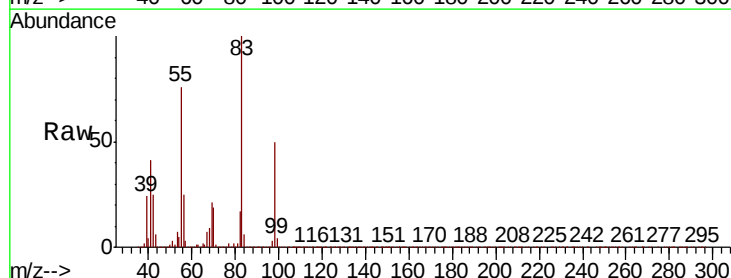
Tgt Ion: 83 Resp: 657559

Ion Ratio Lower Upper

83 100

55 76.4 37.9 113.7

98 49.8 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

400000

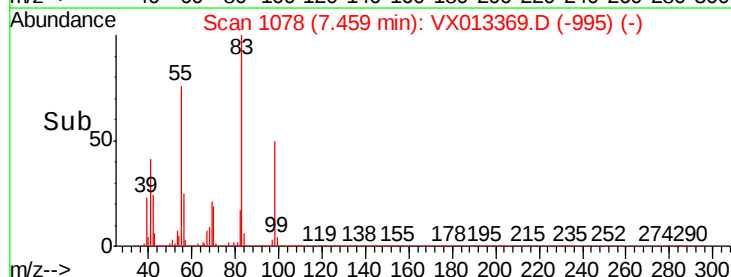
300000

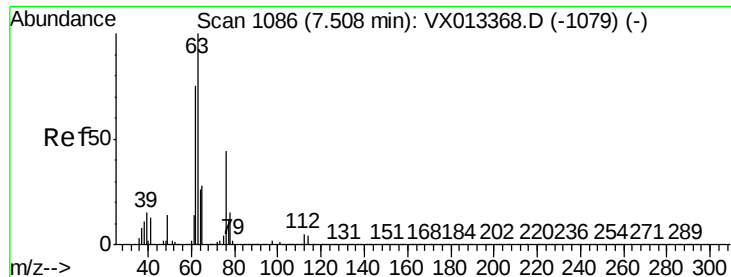
200000

100000

0

Time--> 7.40 7.50

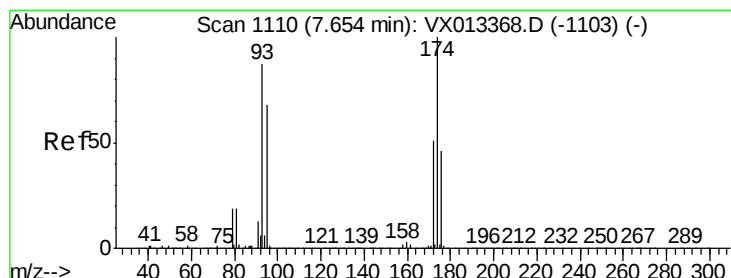
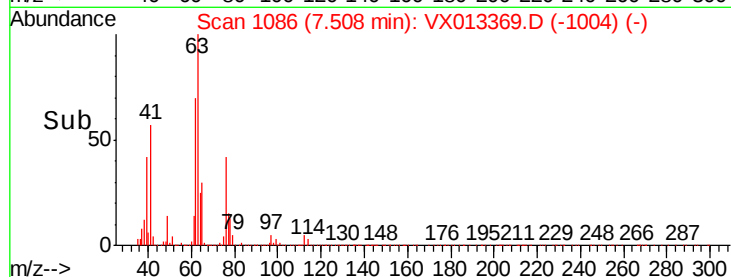
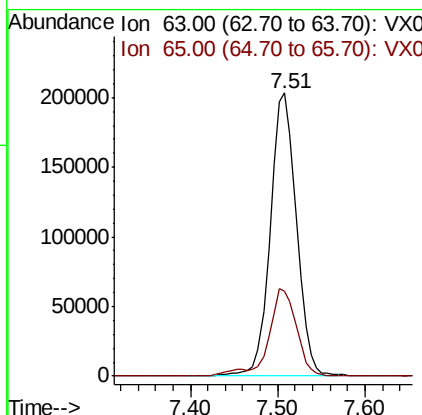
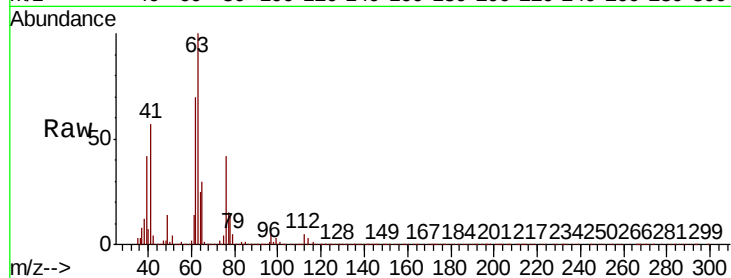




#39
 1,2-Dichloropropane
 Concen: 56.094 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

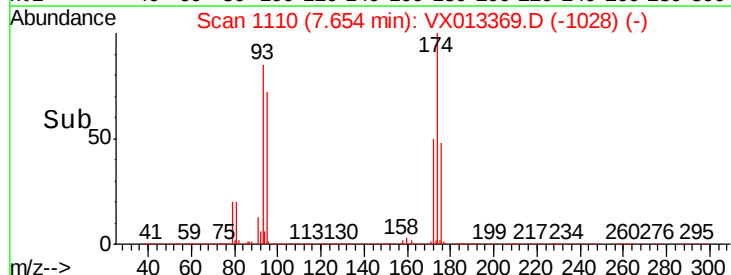
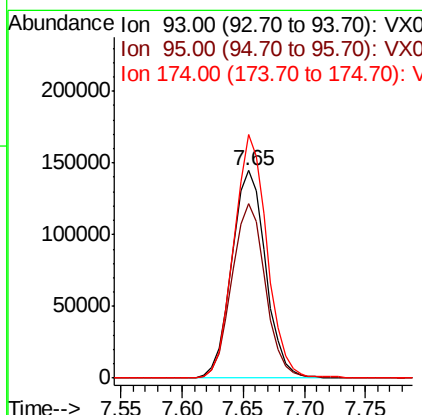
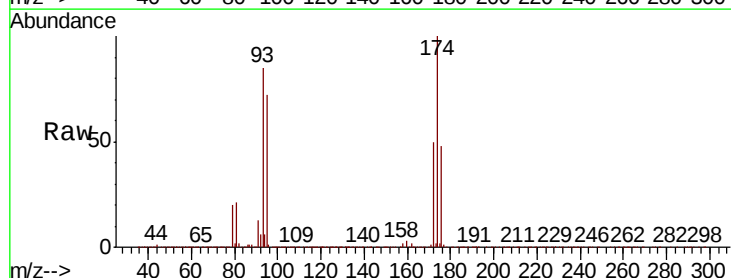
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

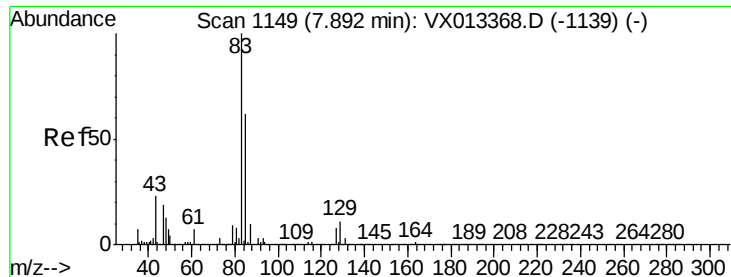
Tot Ion: 63 Resp: 421426
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.8 35.8



#40
 Dibromomethane
 Concen: 52.304 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion: 93 Resp: 276974
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 160.8
 174 114.9 0.0 228.8





#41

Bromodichloromethane

Concen: 51.114 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

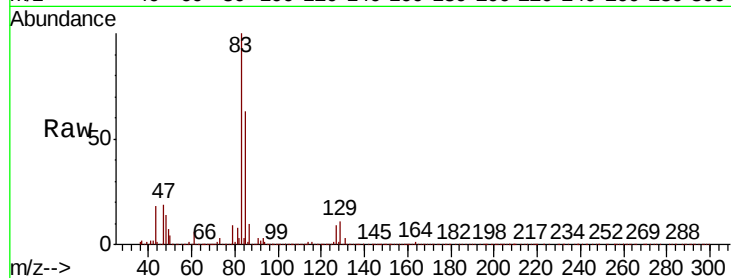
Tot Ion: 83 Resp: 544546

Ion Ratio Lower Upper

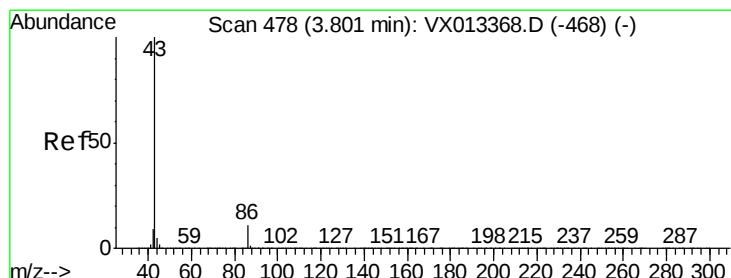
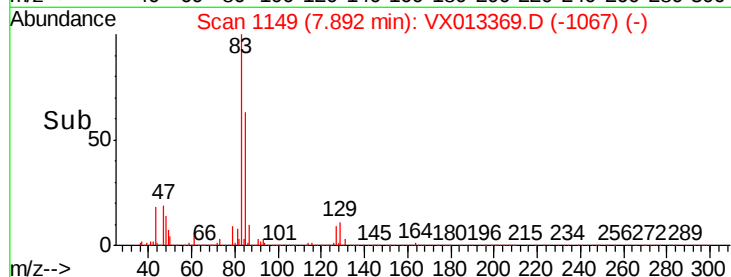
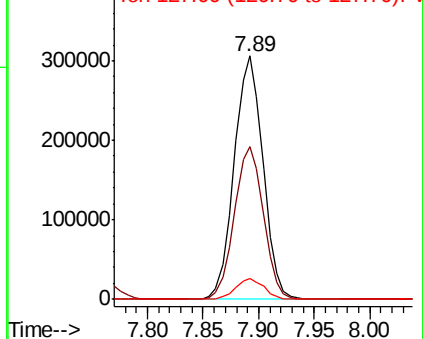
83 100

85 62.9 49.3 73.9

127 8.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 287.028 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013369.D

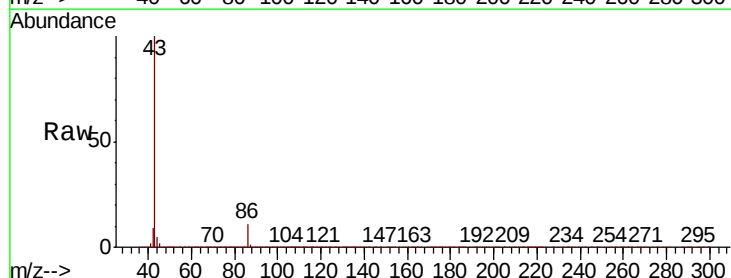
Acq: 11 Nov 2019 17:16

Tgt Ion: 43 Resp: 5590707

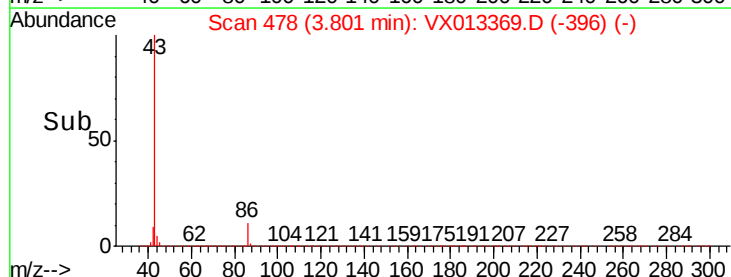
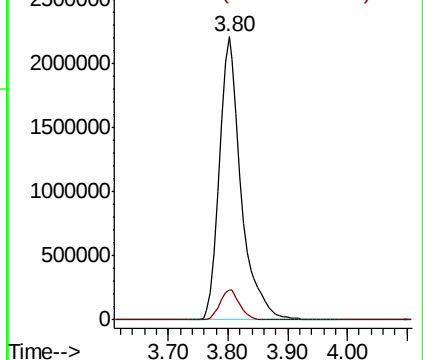
Ion Ratio Lower Upper

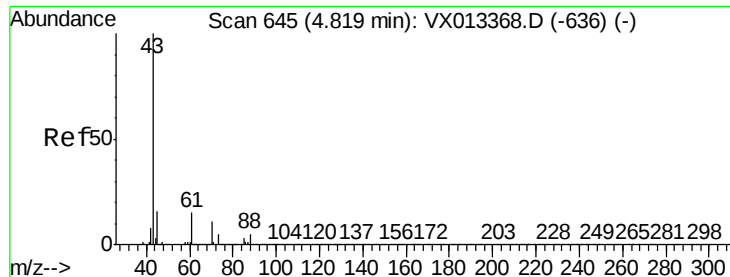
43 100

86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

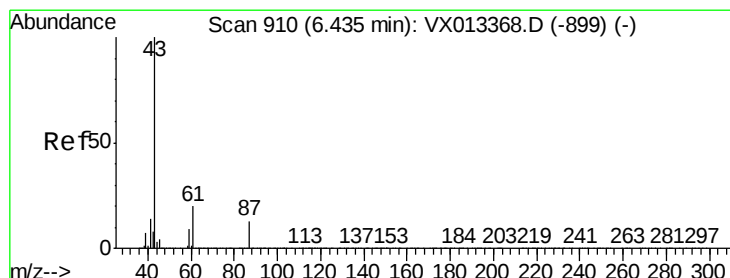
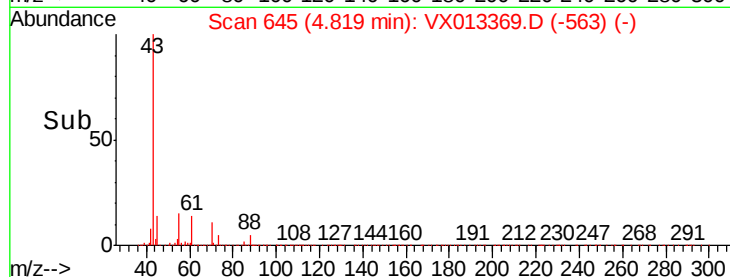
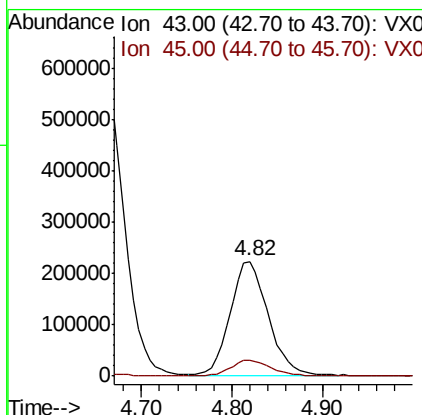
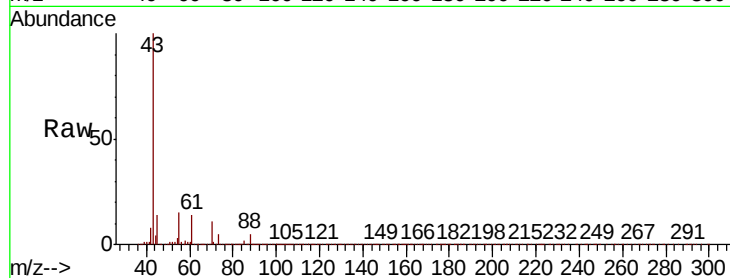




#43
Ethyl Acetate
Concen: 60.575 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

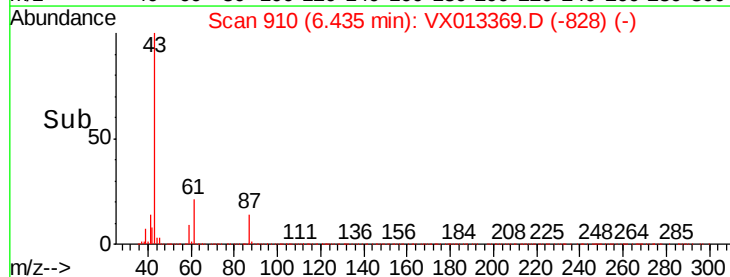
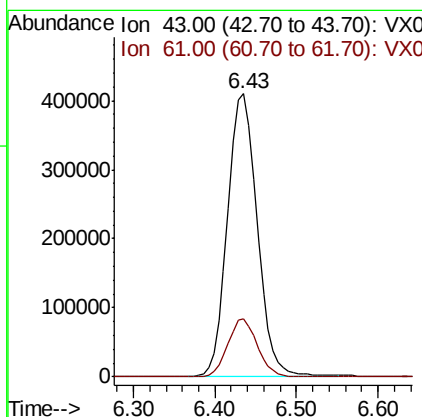
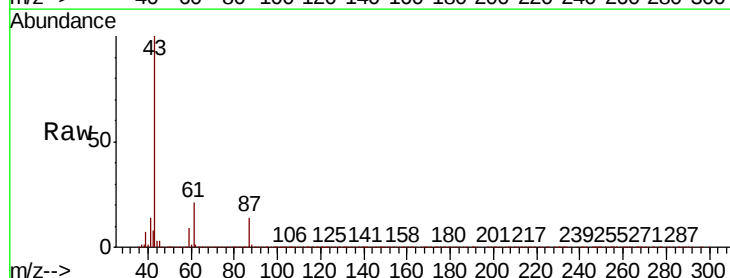
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

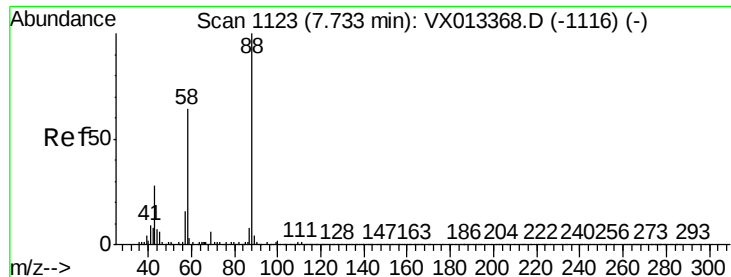
Tot Ion: 43 Resp: 639684
Ion Ratio Lower Upper
43 100
45 15.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 59.438 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 43 Resp: 1031431
Ion Ratio Lower Upper
43 100
61 20.4 15.8 23.8

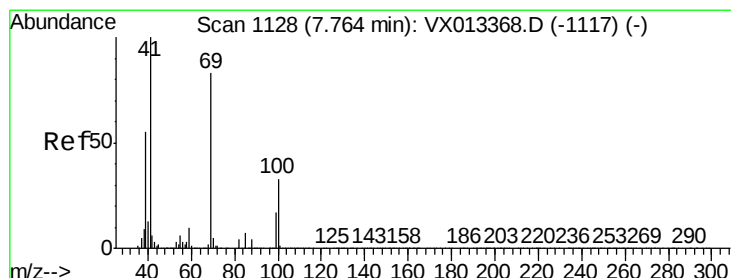
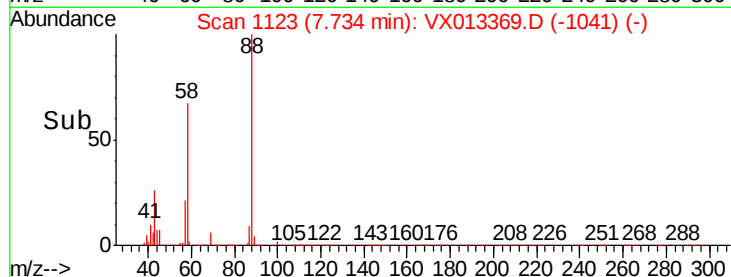
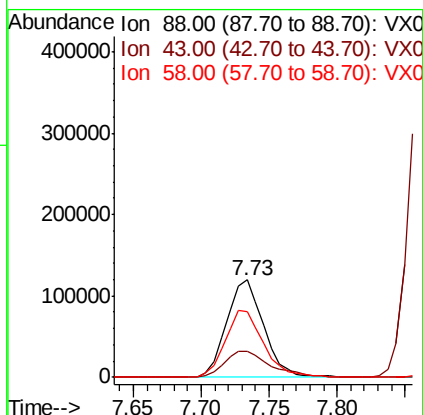
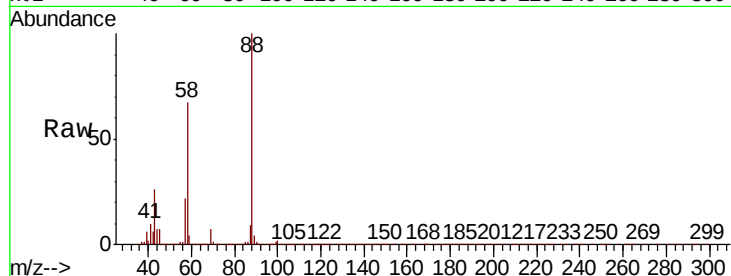




#45
1,4-Dioxane
Concen: 1065.731 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

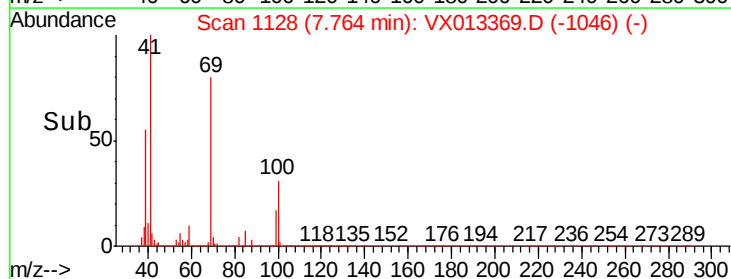
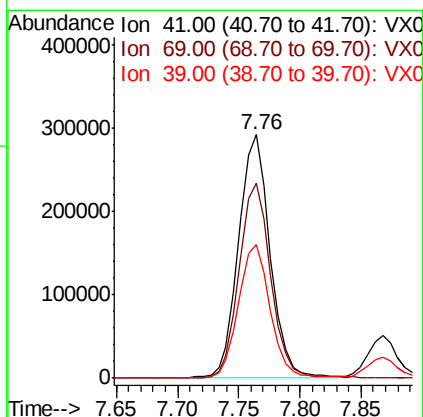
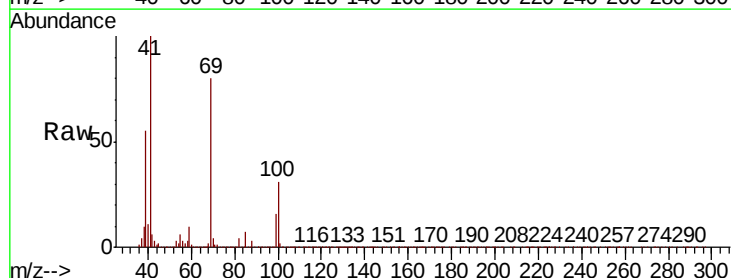
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

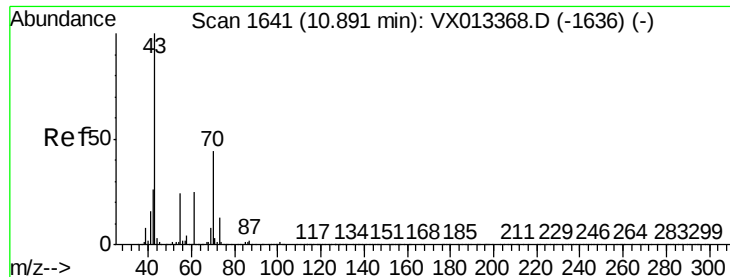
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.1	39.1
58	70.9	55.8	83.8



#46
Methyl methacrylate
Concen: 60.956 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.2	41.4	124.4
39	54.6	27.9	83.6





#47

n-amvl Acetate

Concen: 62.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

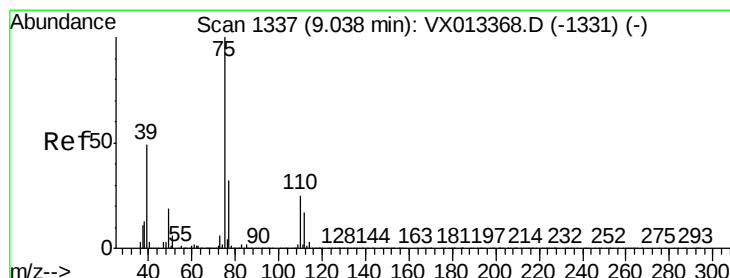
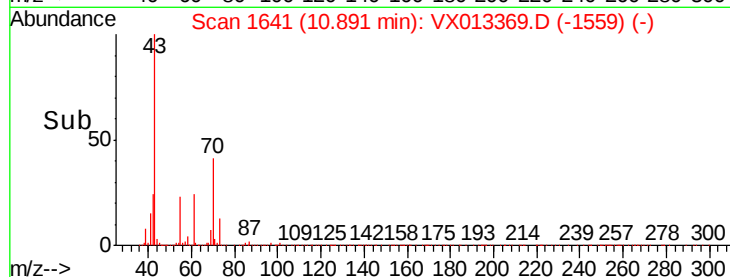
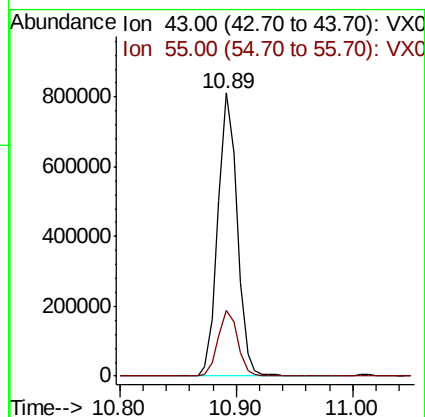
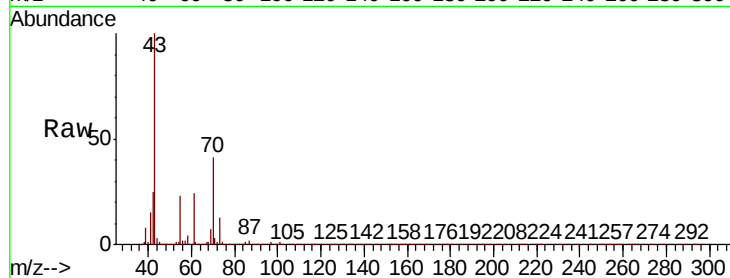
VSTDIC050

Tot Ion: 43 Resp: 921950

Ion Ratio Lower Upper

43 100

55 23.6 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 52.541 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013369.D

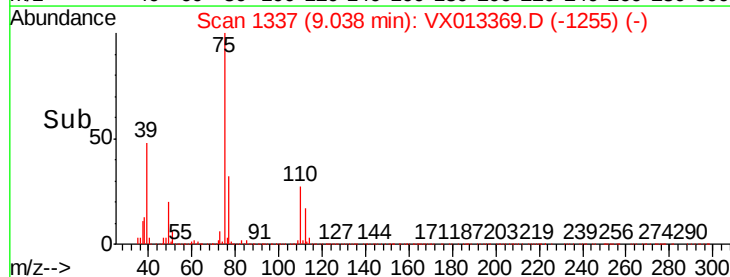
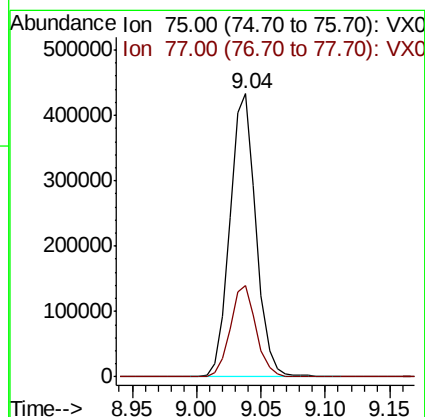
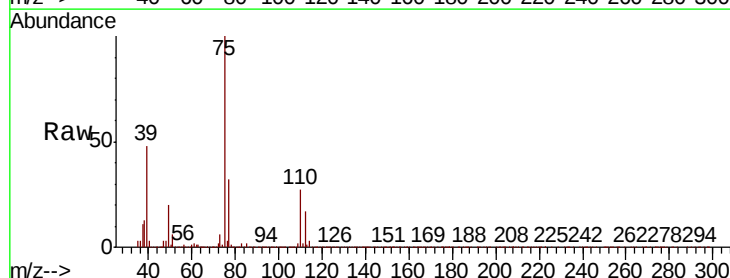
Acq: 11 Nov 2019 17:16

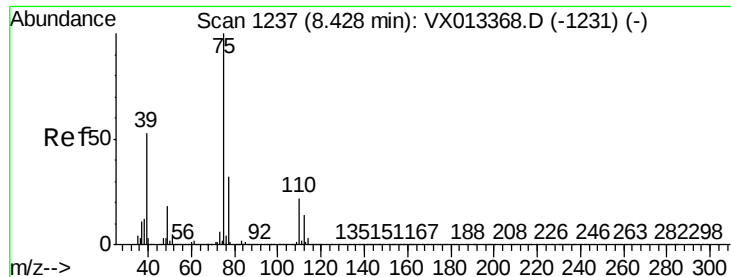
Tgt Ion: 75 Resp: 614877

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



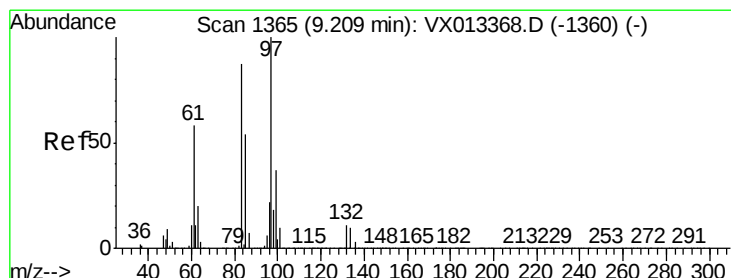
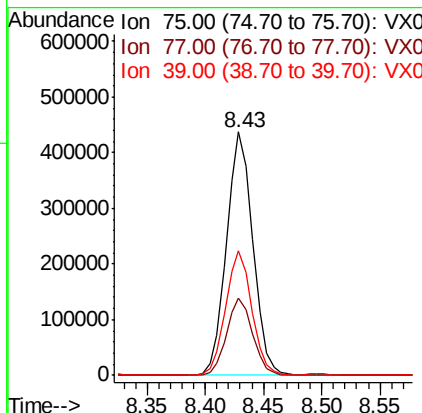
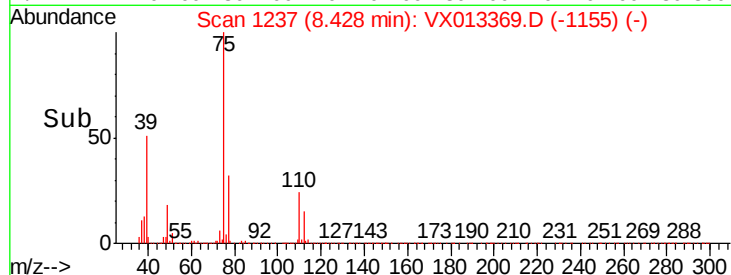
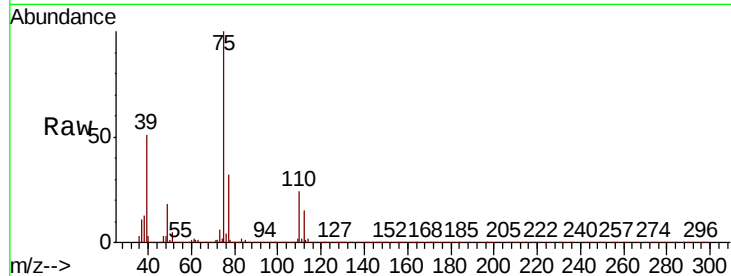


#49

cis-1,3-Dichloropropene
 Concen: 53.724 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

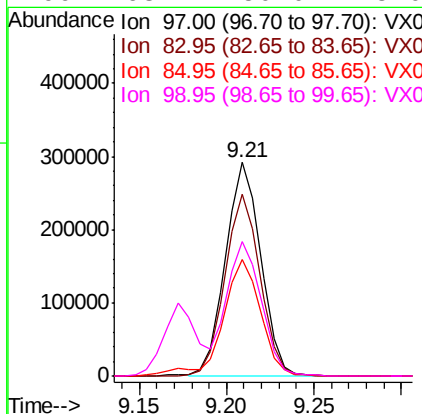
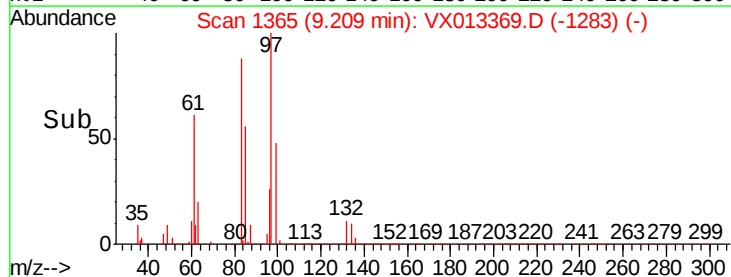
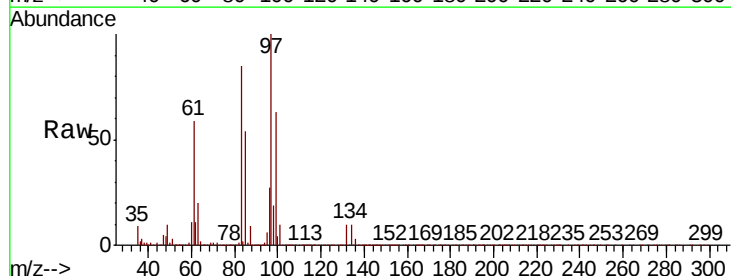
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	51.0	42.2	63.4

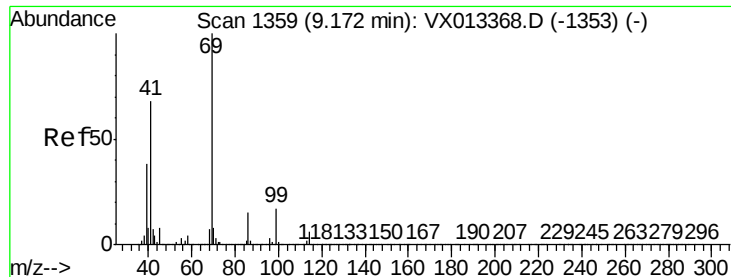


#50

1,1,2-Trichloroethane
 Concen: 52.069 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.6	104.4
85	54.3	45.5	68.3
99	63.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 55.239 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

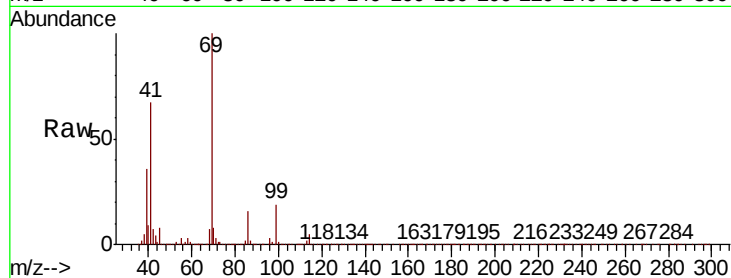
MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 69 Resp: 683163

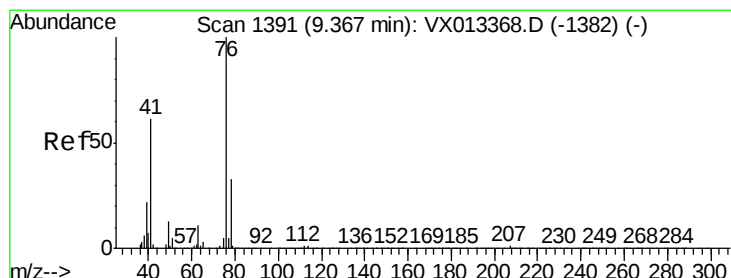
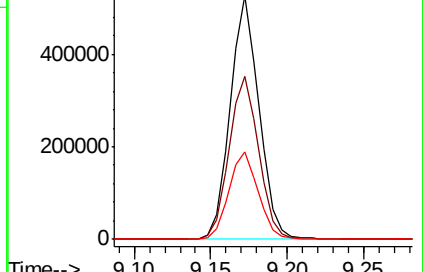
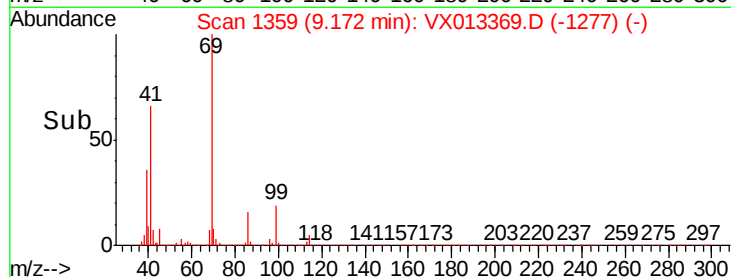
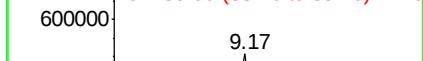
Ion	Ratio	Lower	Upper
69	100		
41	67.1	33.9	101.6
39	36.0	18.8	56.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 52.753 ug/l

RT: 9.37 min Scan# 1391

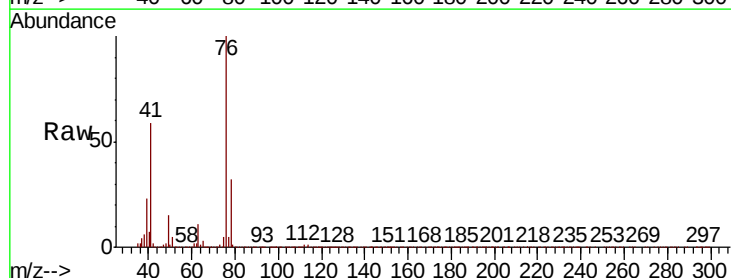
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

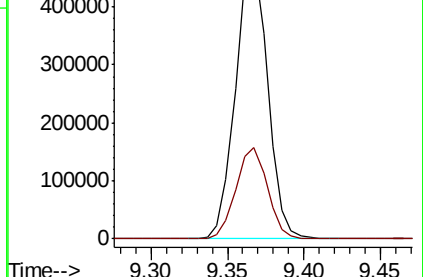
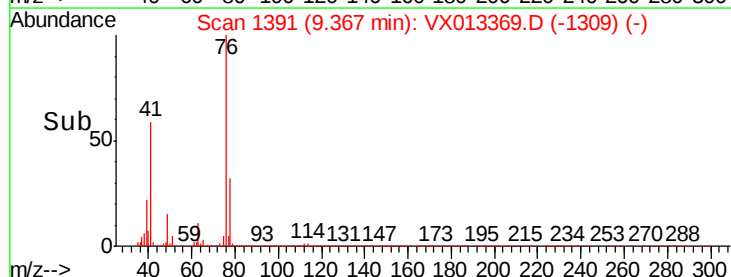
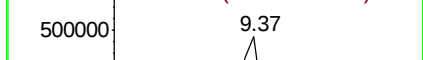
Tgt Ion: 76 Resp: 698324

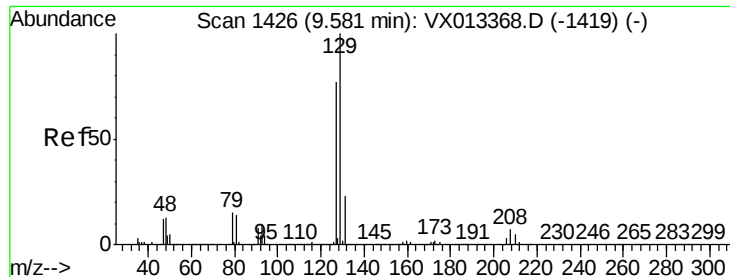
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 52.750 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

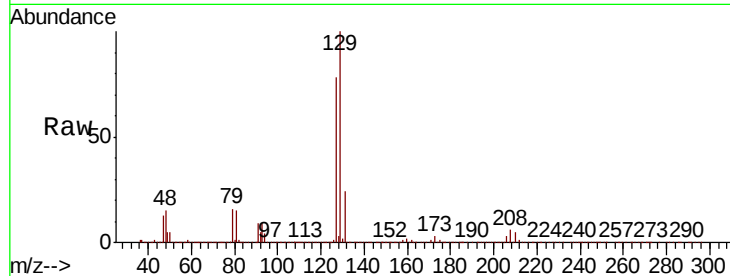
VSTDIC050

Tot Ion:129 Resp: 444636

Ion Ratio Lower Upper

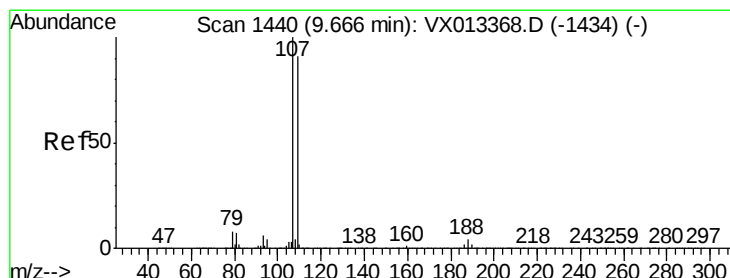
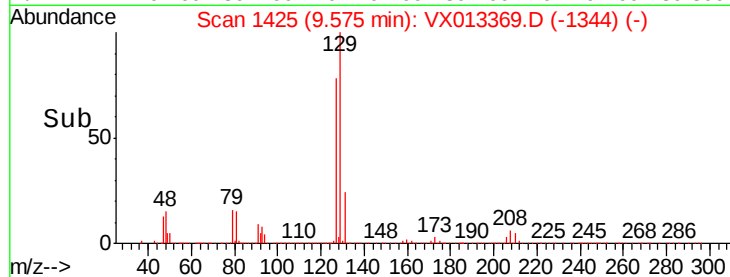
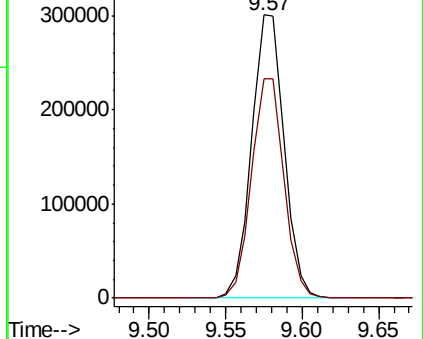
129 100

127 77.4 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: 52.358 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013369.D

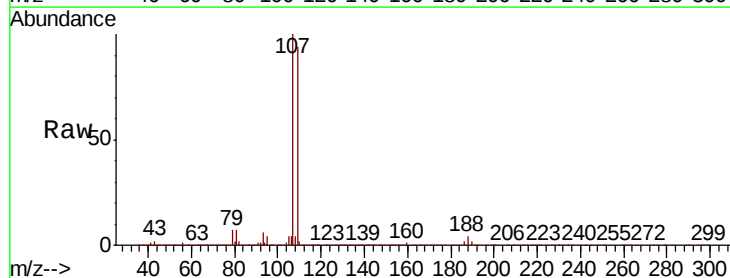
Acq: 11 Nov 2019 17:16

Tgt Ion:107 Resp: 438563

Ion Ratio Lower Upper

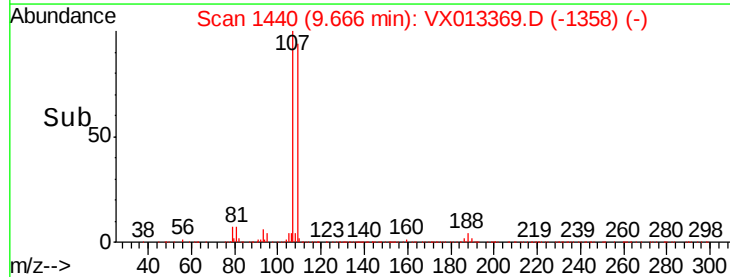
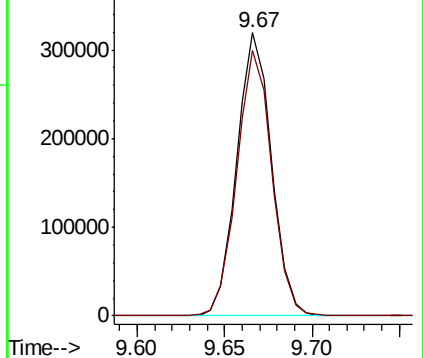
107 100

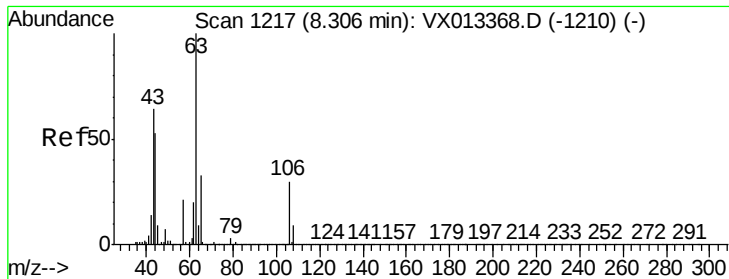
109 94.3 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

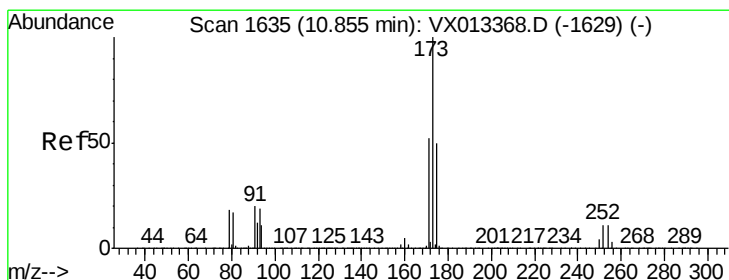
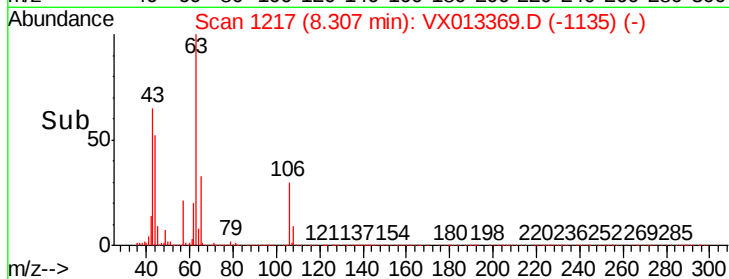
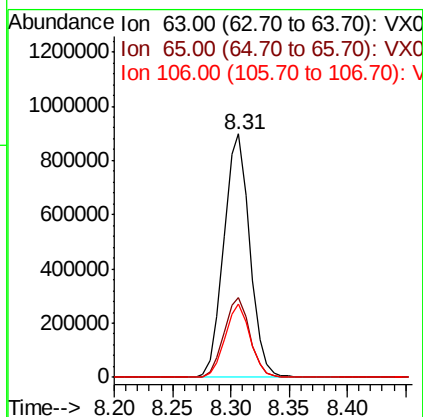
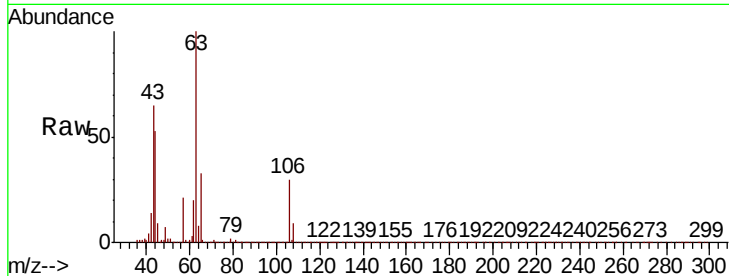




#55
2-Chloroethyl vinyl ether
Concen: 270.833 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

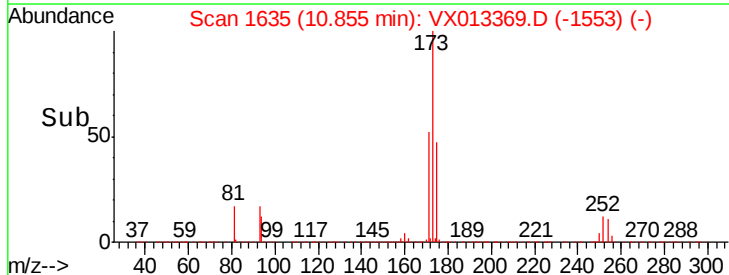
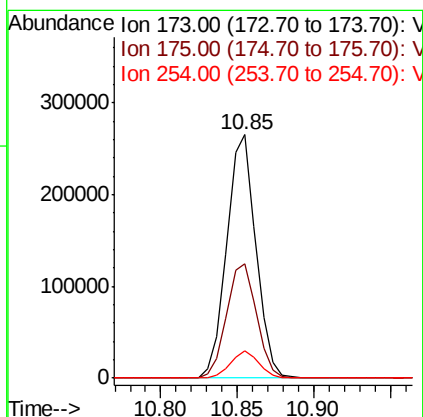
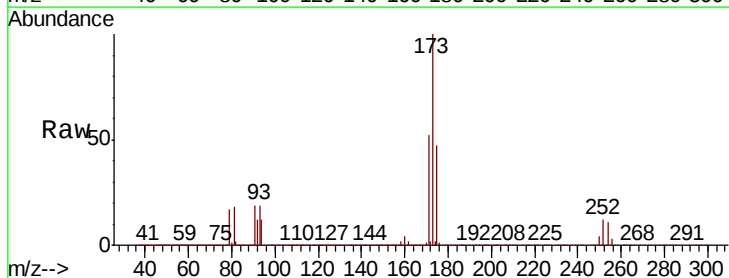
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

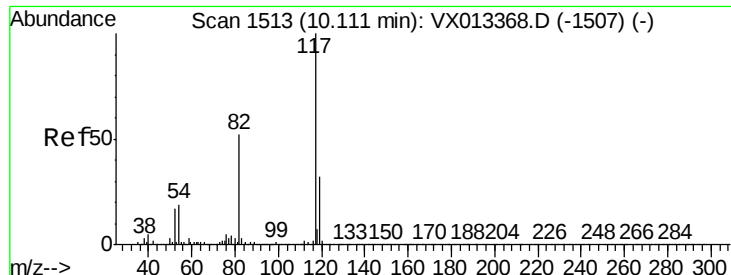
Tot Ion: 63 Resp: 1387364
Ion Ratio Lower Upper
63 100
65 32.4 26.0 39.0
106 29.1 23.5 35.3



#56
Bromoform
Concen: 57.123 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 173 Resp: 349148
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.0
254 10.9 8.6 12.8

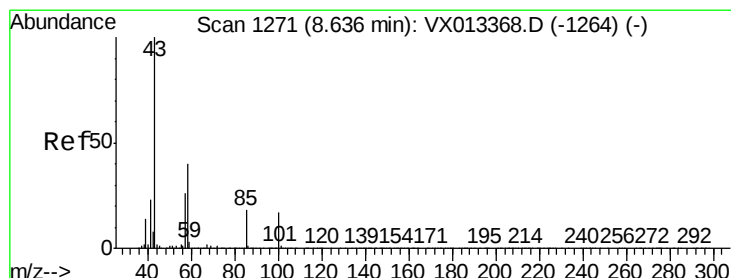
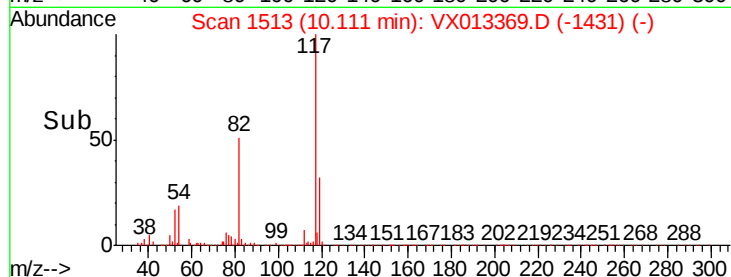
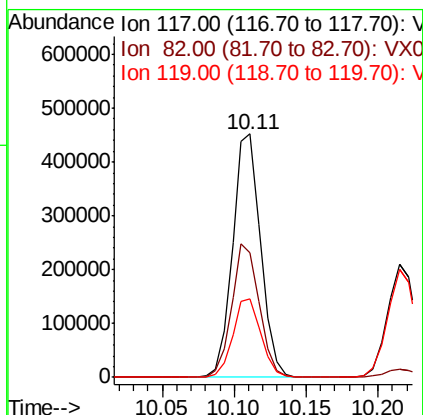
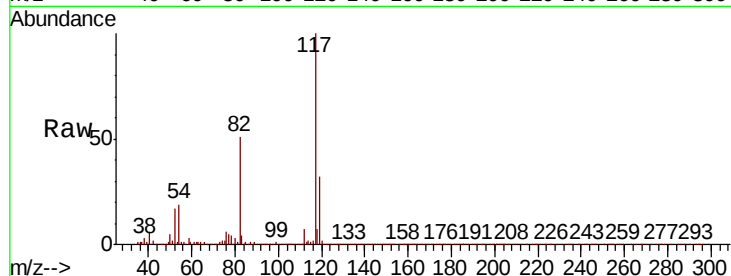




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

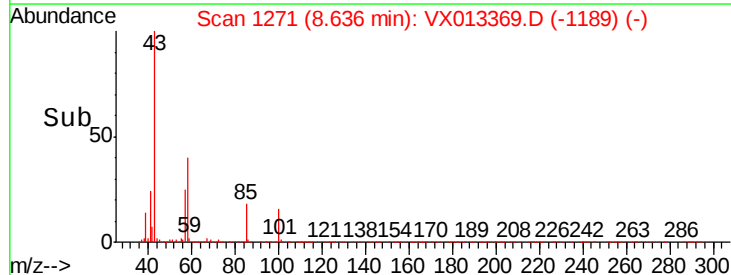
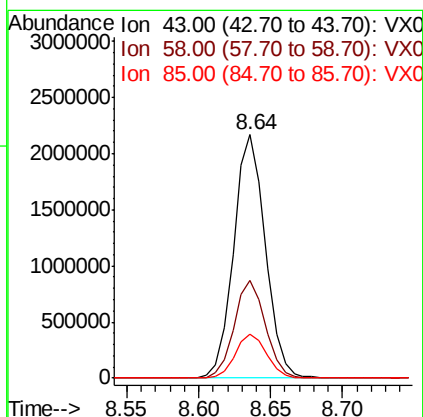
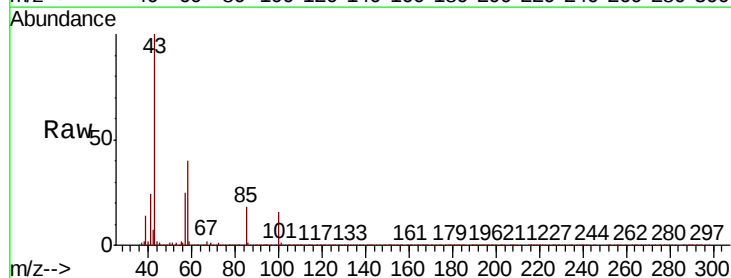
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

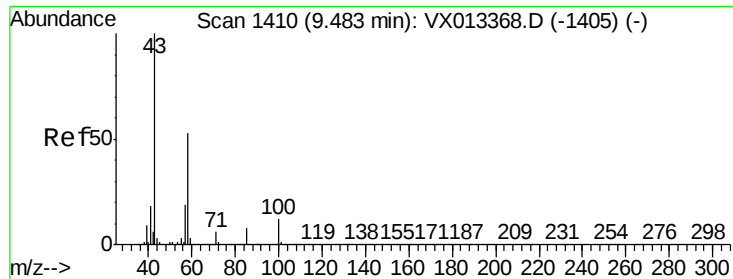
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.3	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 310.200 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	17.9	14.2	21.2

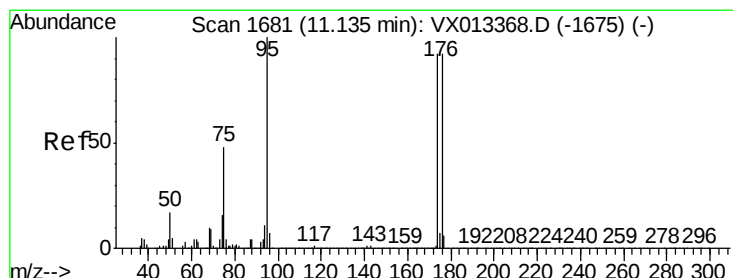
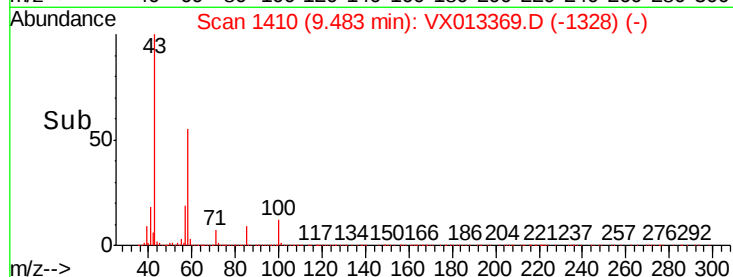
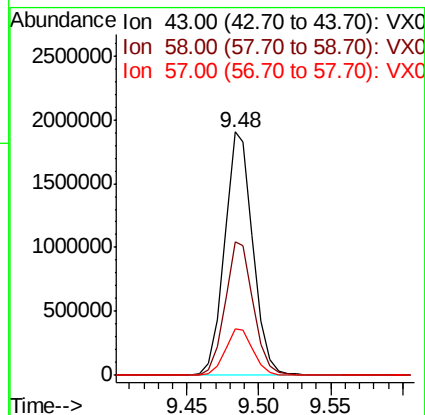
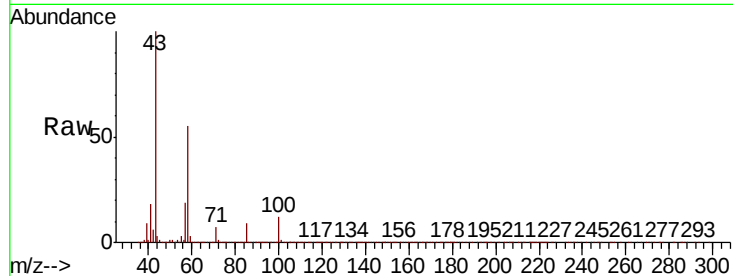




#59
2-Hexanone
Concen: 310.790 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

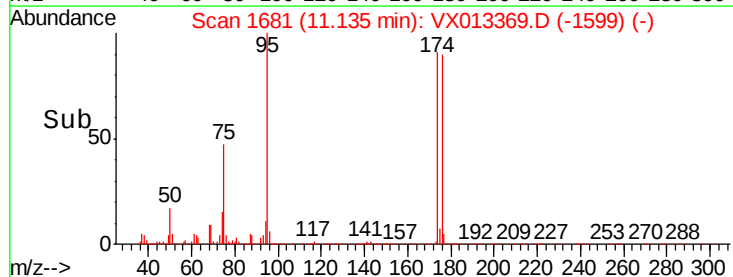
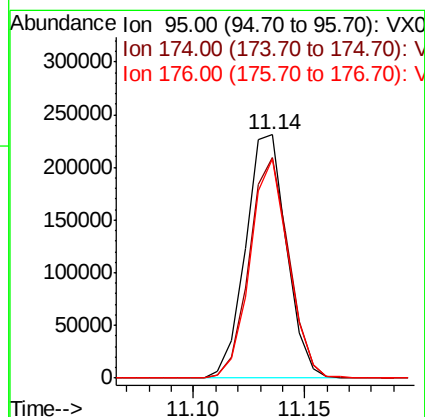
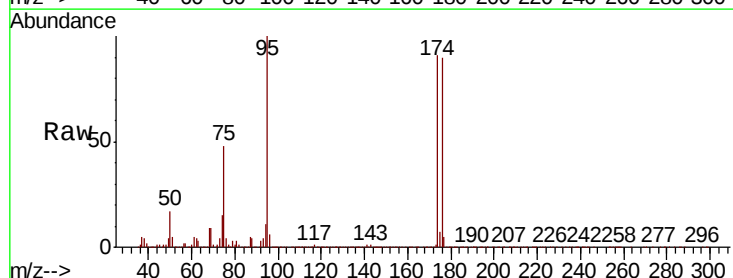
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

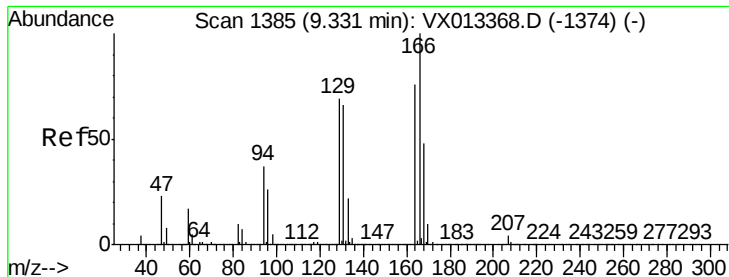
Tot Ion: 43 Resp: 2620412
Ion Ratio Lower Upper
43 100
58 54.9 43.8 65.6
57 19.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 28.079 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 95 Resp: 294836
Ion Ratio Lower Upper
95 100
174 88.1 70.2 105.2
176 85.1 68.3 102.5





#61

Tetrachloroethene

Concen: 48.730 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 382950

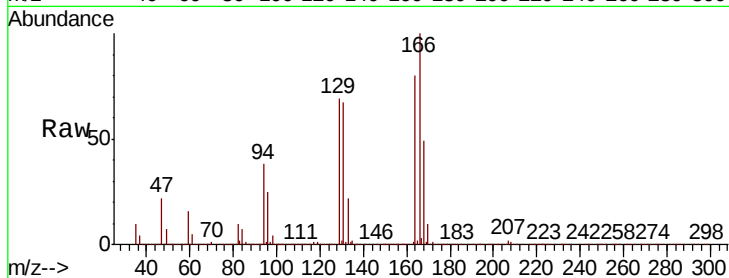
Ion Ratio Lower Upper

164 100

166 124.8 104.9 157.3

129 85.7 72.3 108.5

131 83.9 69.0 103.6

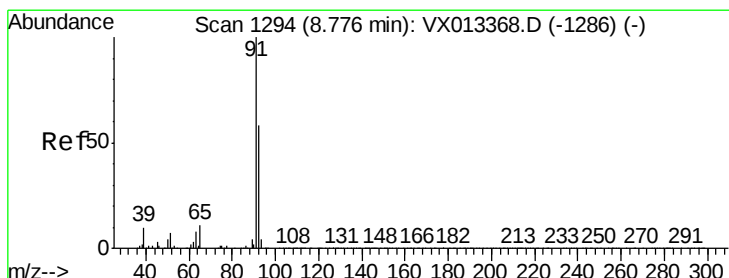
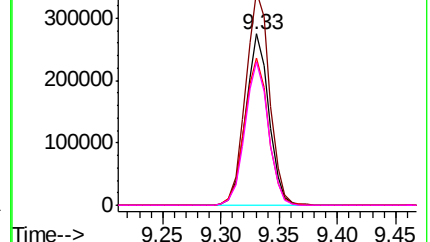
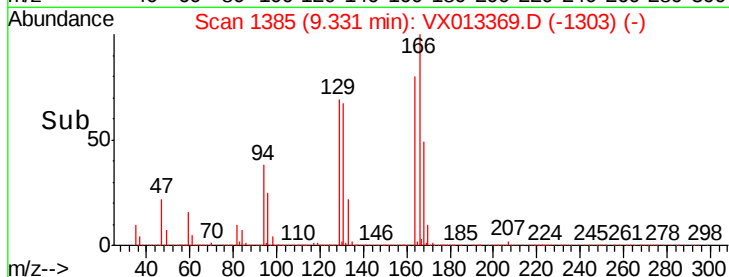


Abundance Ion 163.85 (163.55 to 164.55): V

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: 52.465 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013369.D

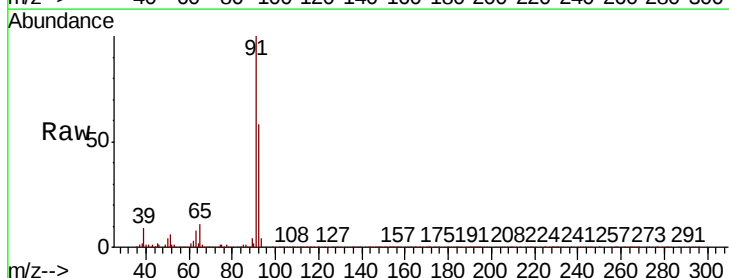
Acq: 11 Nov 2019 17:16

Tgt Ion: 91 Resp: 1736808

Ion Ratio Lower Upper

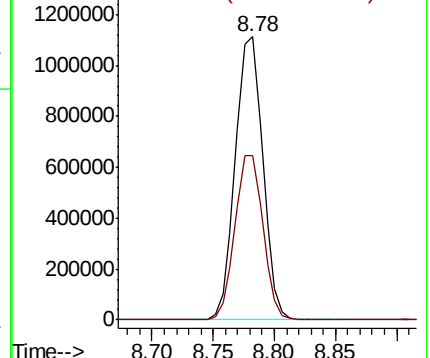
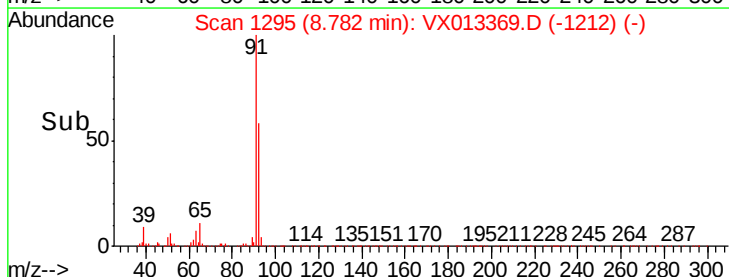
91 100

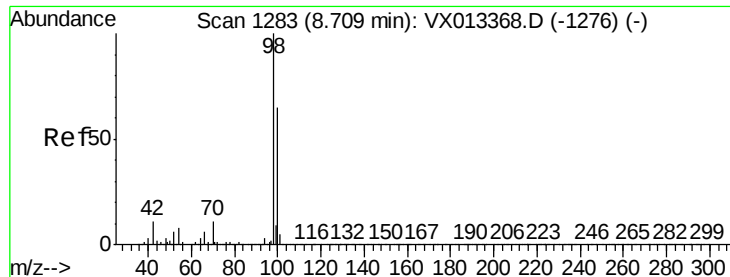
92 59.0 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.521 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

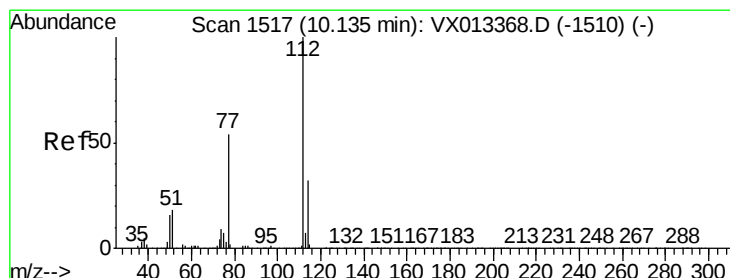
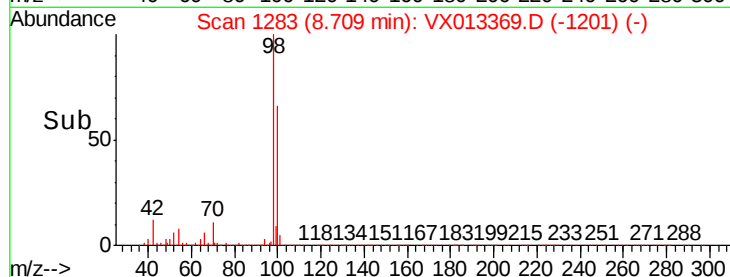
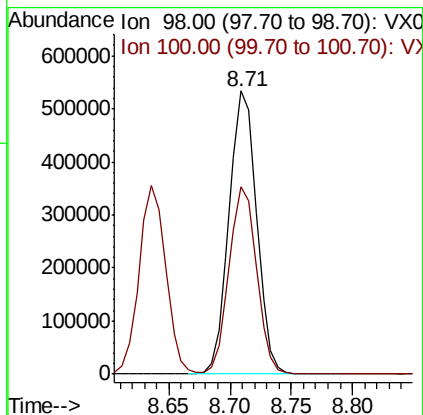
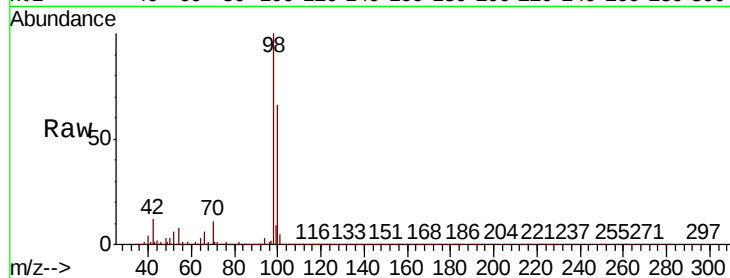
VSTDIC050

Tot Ion: 98 Resp: 833343

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#64

Chlorobenzene

Concen: 51.672 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013369.D

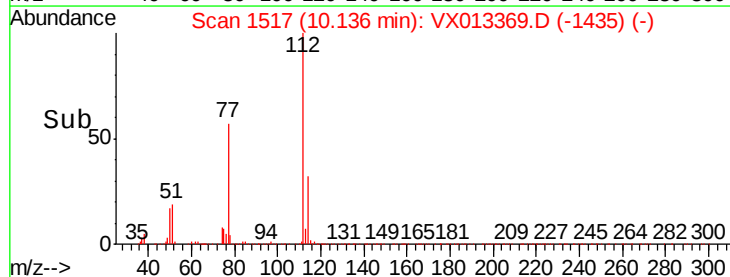
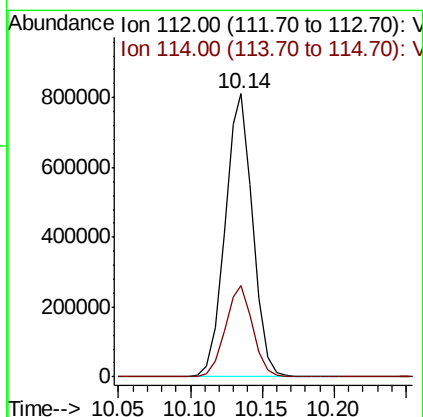
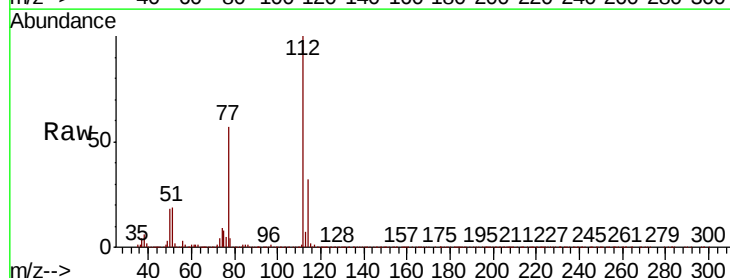
Acq: 11 Nov 2019 17:16

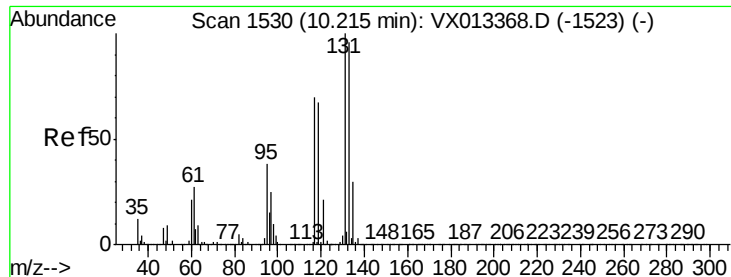
Tgt Ion: 112 Resp: 1088798

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

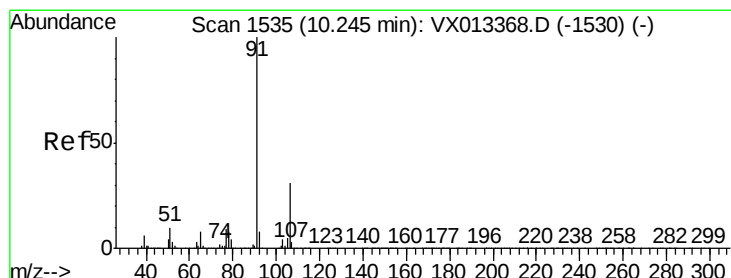
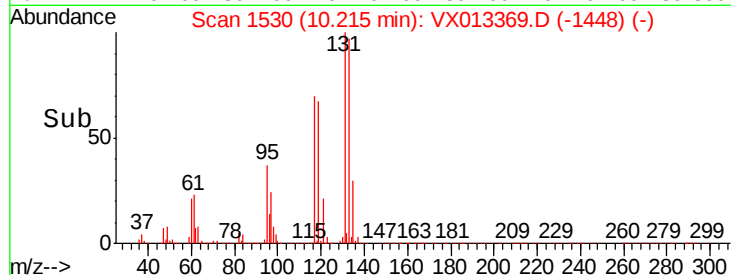
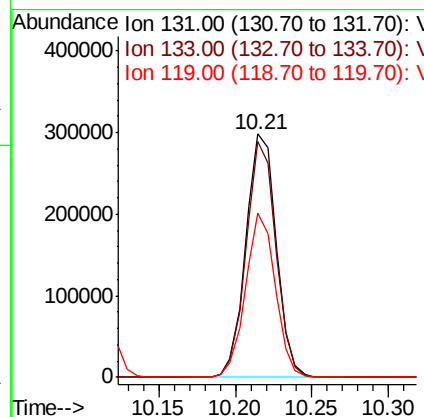
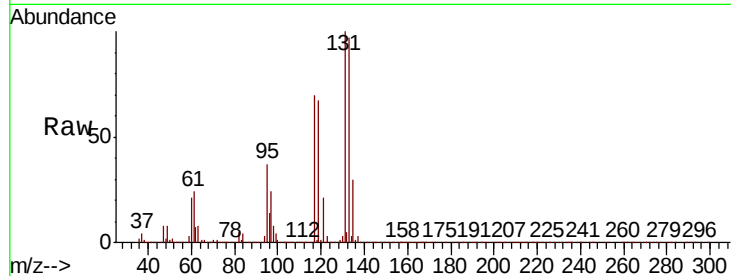




#65
 1,1,1,2-Tetrachloroethane
 Concen: 52.312 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

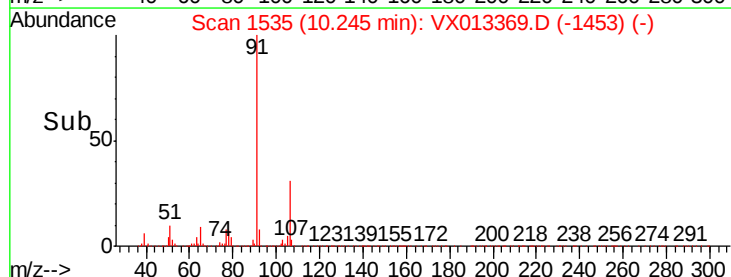
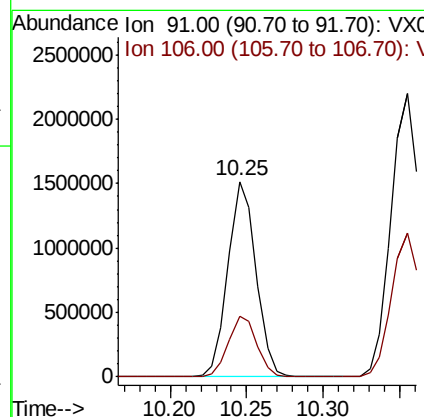
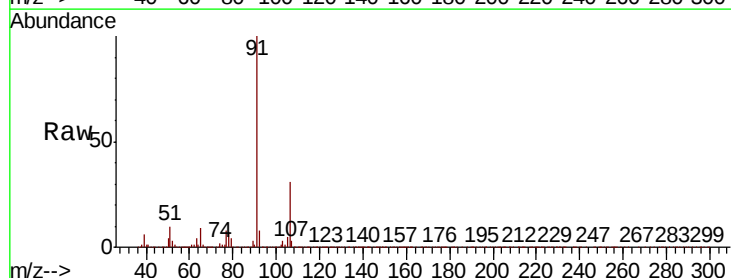
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

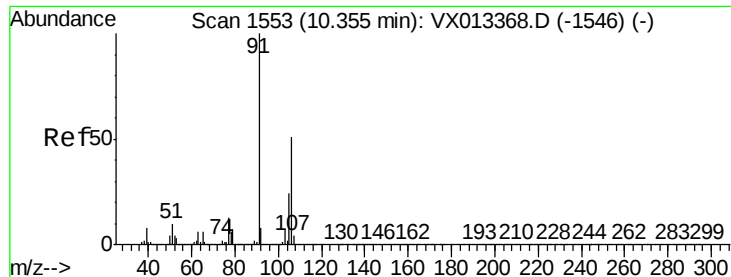
Tot Ion:131 Resp: 411478
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 192.2
 119 65.8 0.0 134.4



#66
 Ethyl Benzene
 Concen: 51.027 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion: 91 Resp: 1927352
 Ion Ratio Lower Upper
 91 100
 106 30.8 25.0 37.4





#67

m/p-Xylenes

Concen: 103.329 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

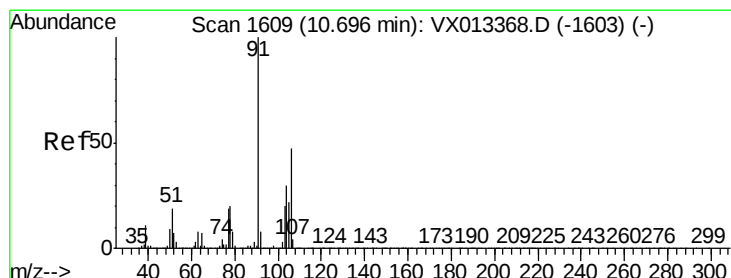
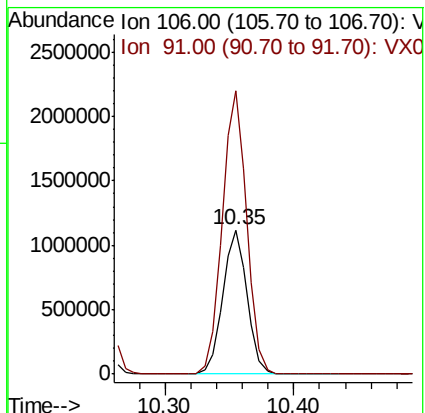
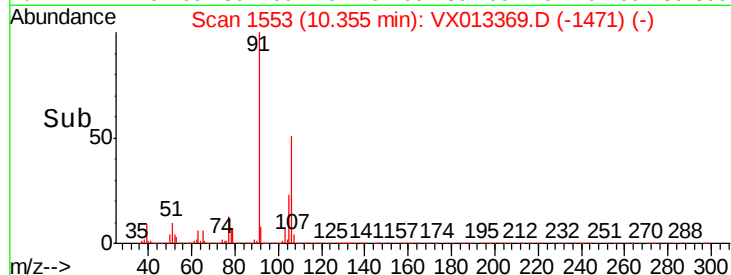
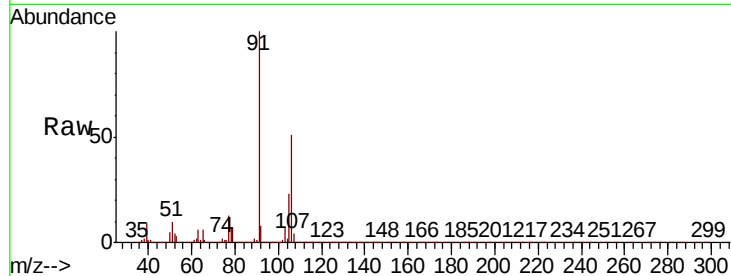
VSTDIC050

Tot Ion:106 Resp: 1481623

Ion Ratio Lower Upper

106 100

91 197.4 158.4 237.6



#68

o-Xylene

Concen: 51.966 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013369.D

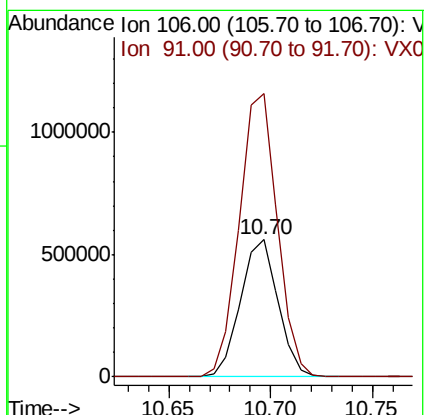
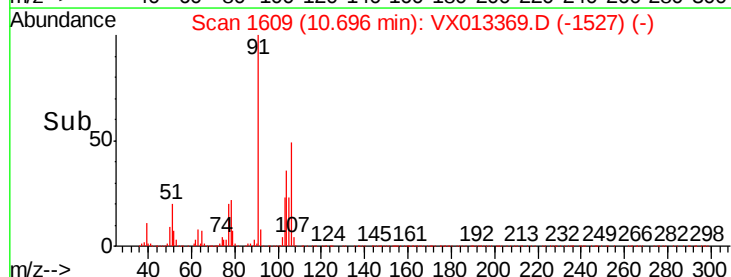
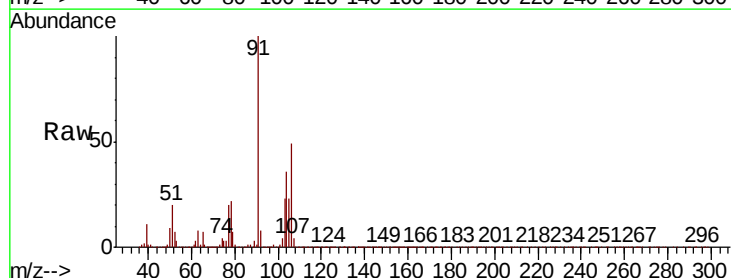
Acq: 11 Nov 2019 17:16

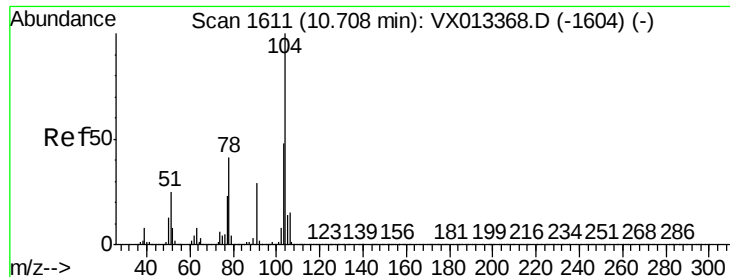
Tgt Ion:106 Resp: 716528

Ion Ratio Lower Upper

106 100

91 209.3 106.4 319.2

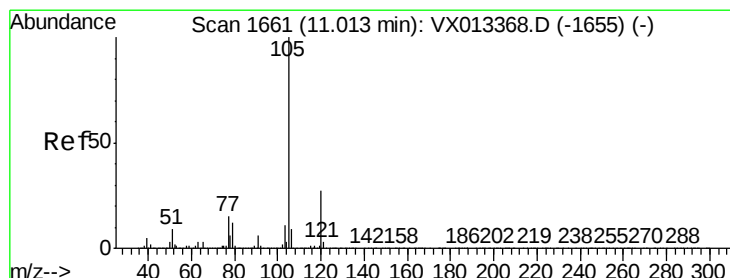
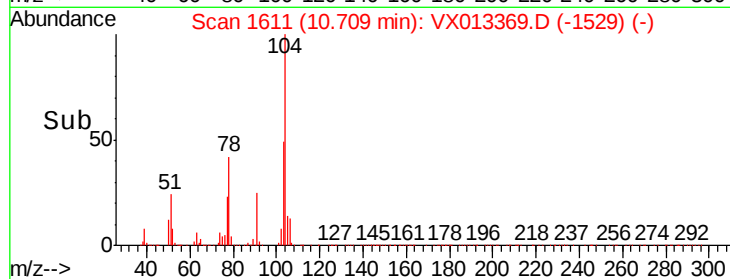
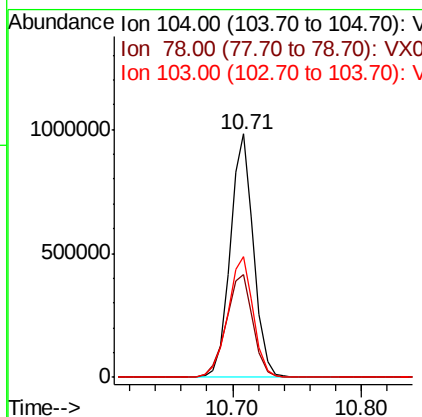
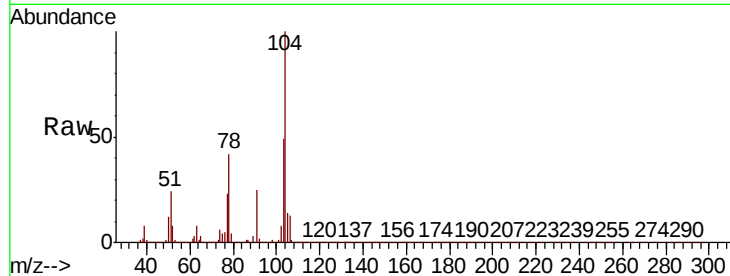




#69
Stvrene
Concen: 52.450 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

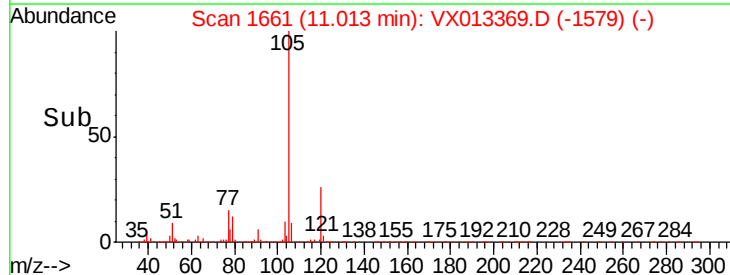
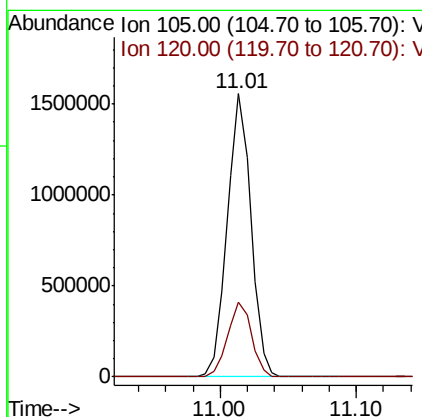
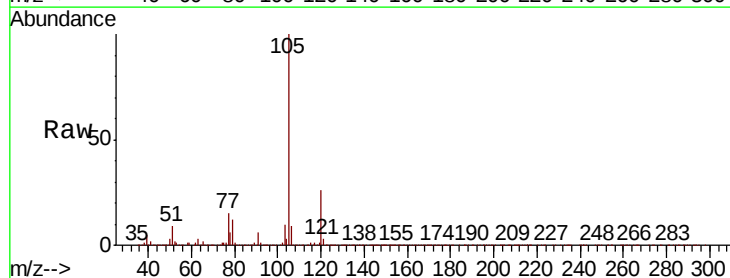
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

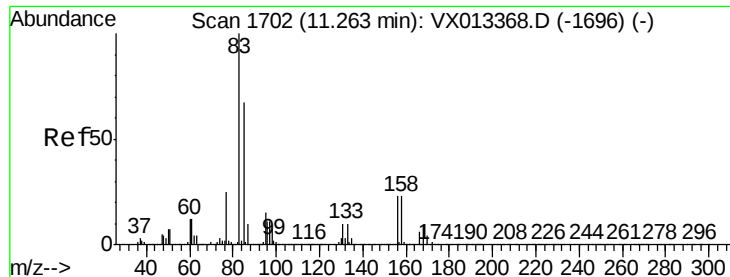
Tot Ion:104 Resp: 1237501
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 54.5 43.2 64.8



#70
Isopropylbenzene
Concen: 50.246 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion:105 Resp: 1882081
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 56.610 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

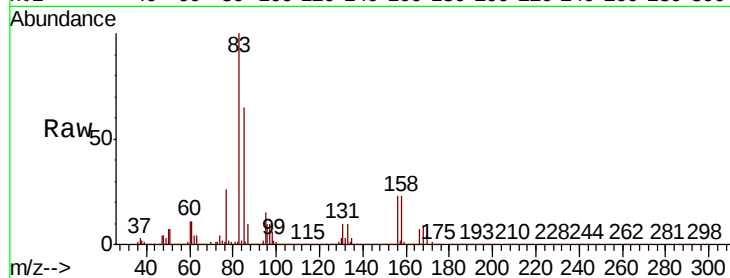
Tot Ion: 83 Resp: 672589

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

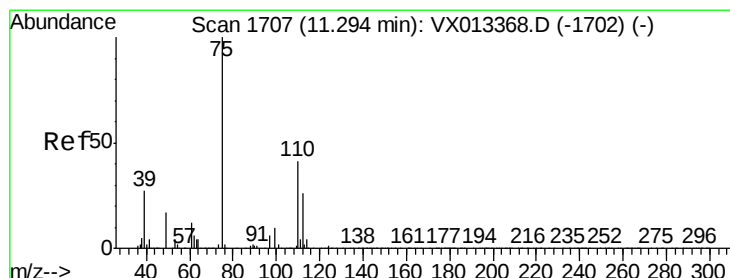
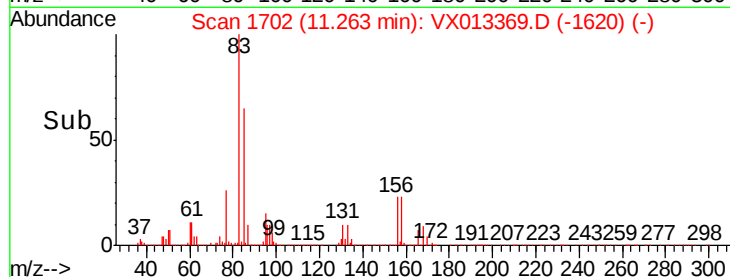
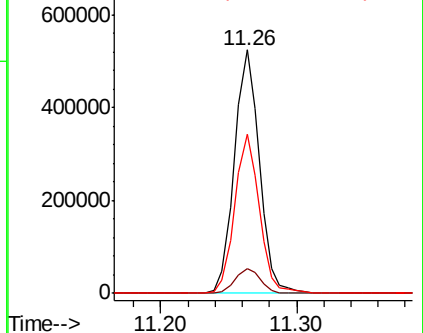
85 64.3 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 78.294 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013369.D

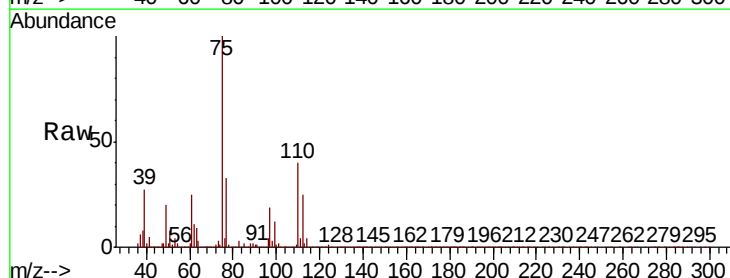
Acq: 11 Nov 2019 17:16

Tgt Ion: 75 Resp: 771232

Ion Ratio Lower Upper

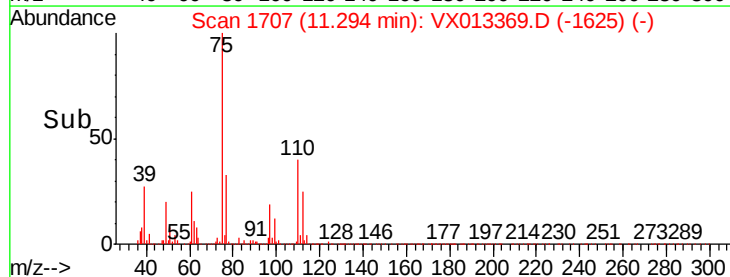
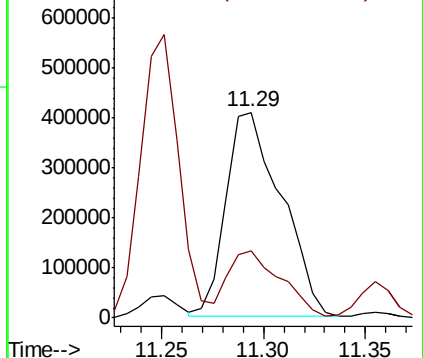
75 100

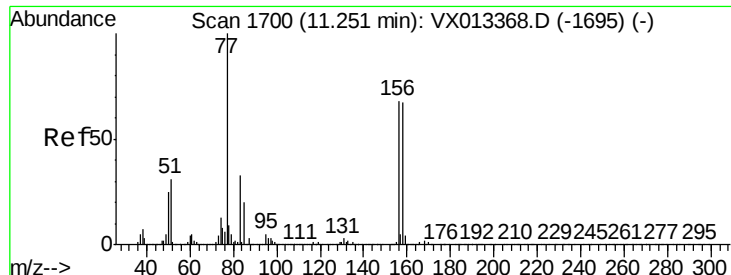
77 29.7 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 53.269 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

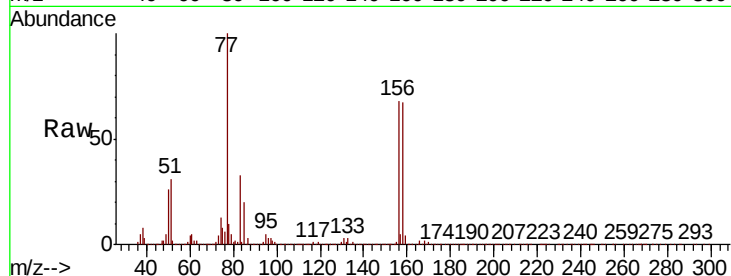
Tot Ion:156 Resp: 488796

Ion Ratio Lower Upper

156 100

77 151.9 0.0 308.8

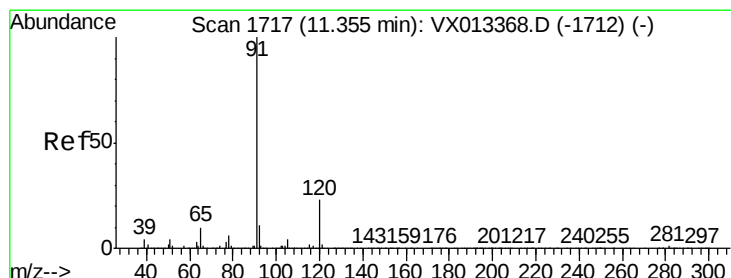
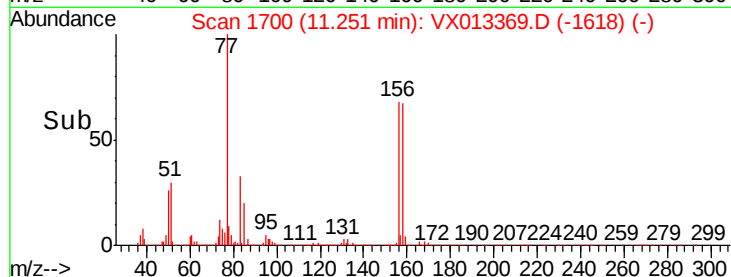
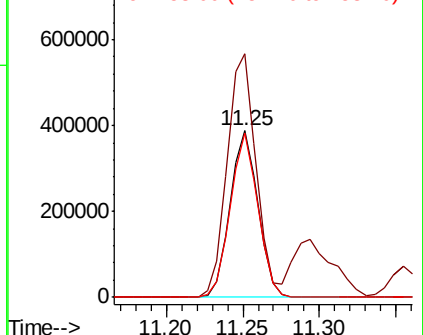
158 97.5 0.0 197.0



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: 52.349 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013369.D

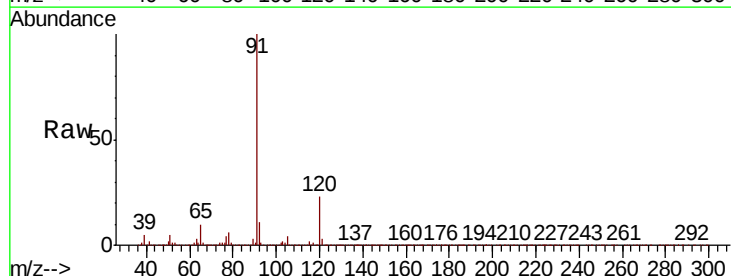
Acq: 11 Nov 2019 17:16

Tgt Ion: 91 Resp: 2166883

Ion Ratio Lower Upper

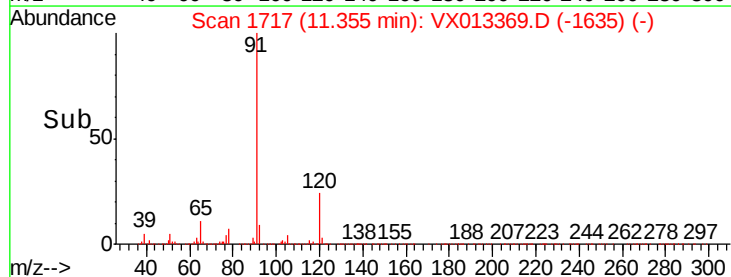
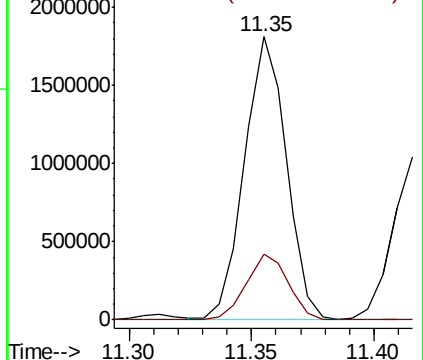
91 100

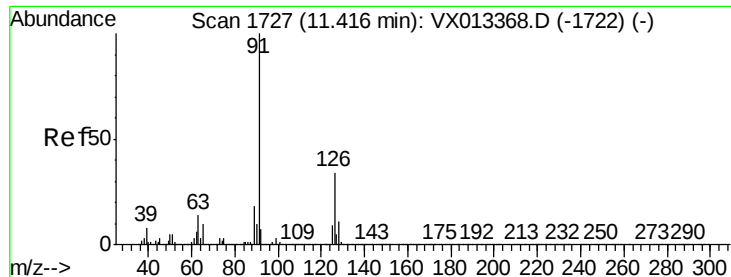
120 23.3 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 49.060 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

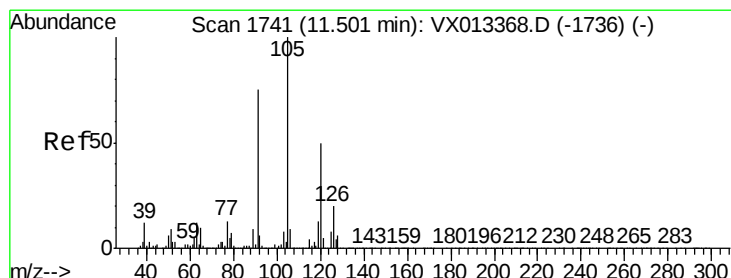
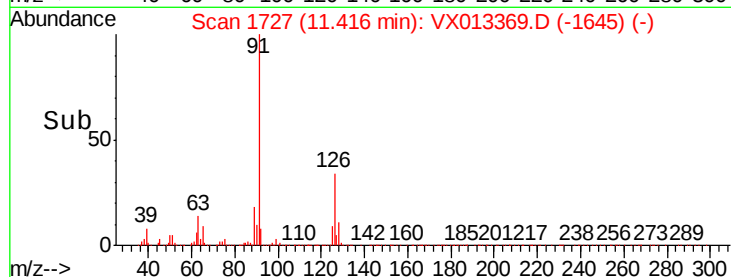
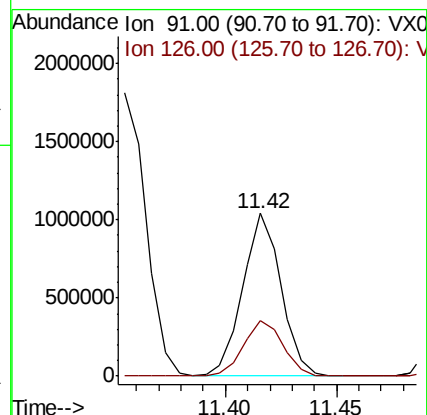
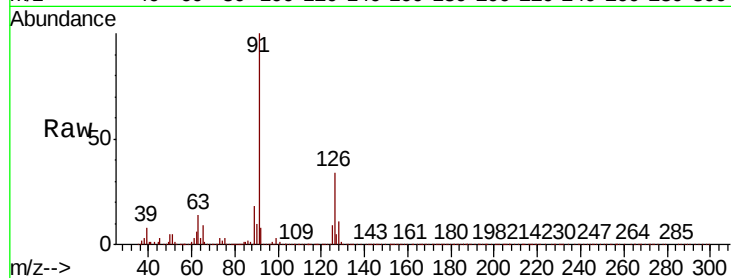
VSTDIC050

Tot Ion: 91 Resp: 1257012

Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 49.979 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013369.D

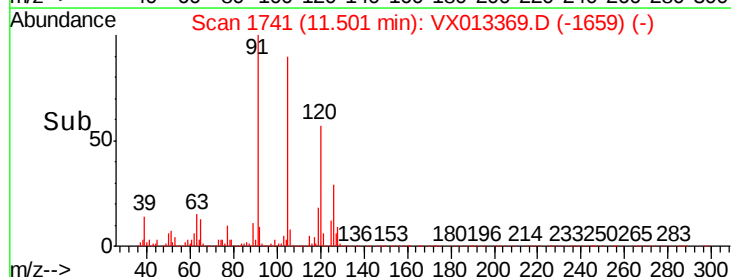
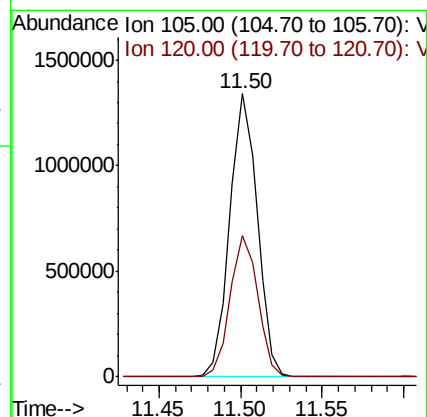
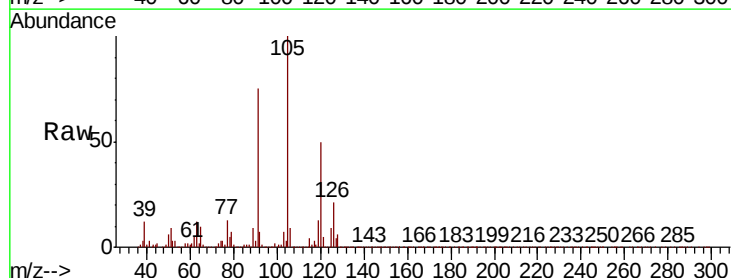
Acq: 11 Nov 2019 17:16

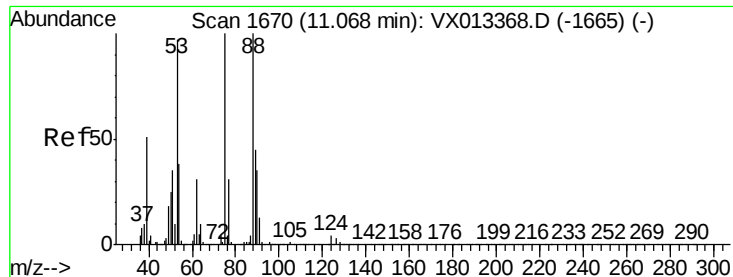
Tgt Ion: 105 Resp: 1577990

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.0

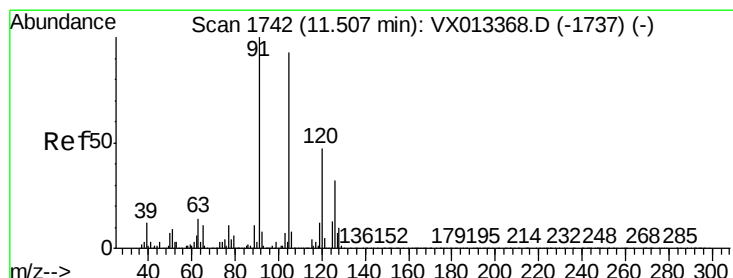
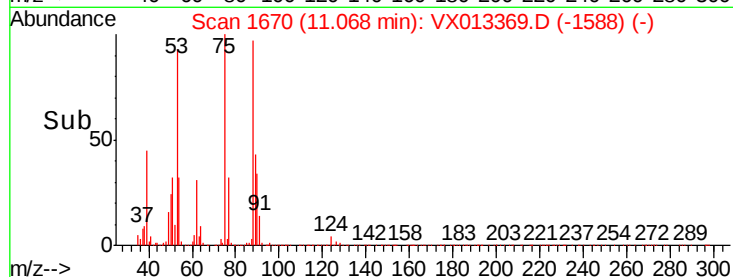
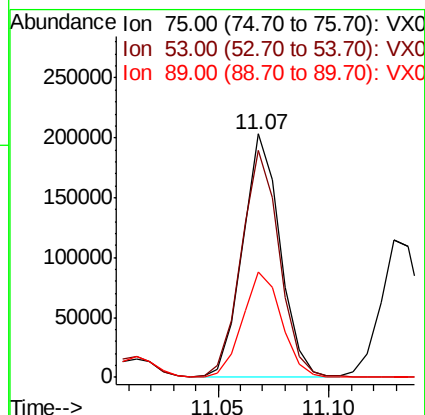
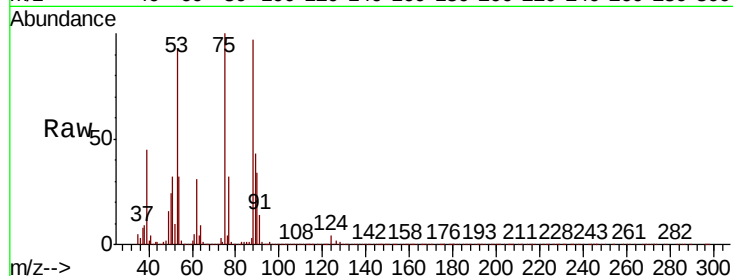




#77
t-1,4-Dichloro-2-butene
Concen: 59.444 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

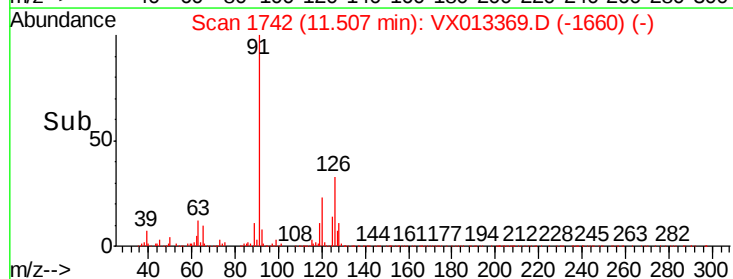
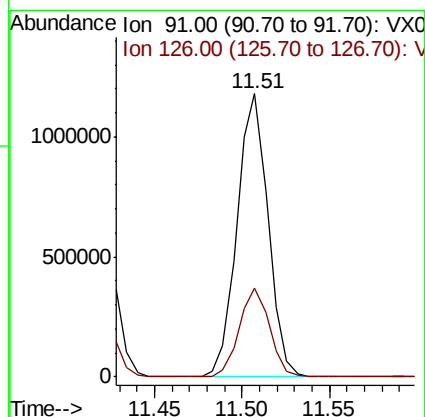
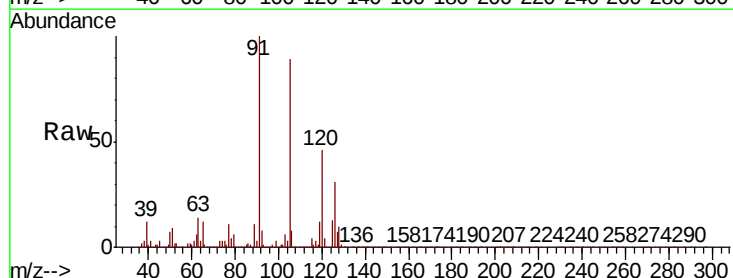
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

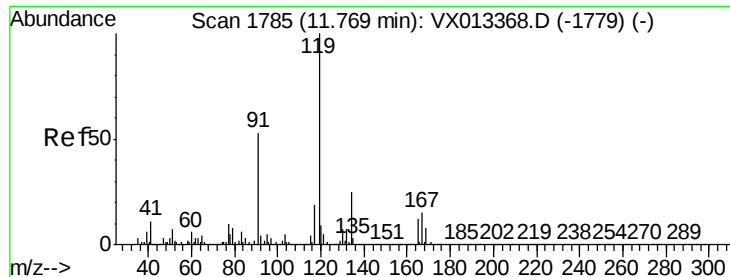
Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	48.8	146.3
89	43.1	22.3	66.8



#78
4-Chlorotoluene
Concen: 49.405 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	61.0

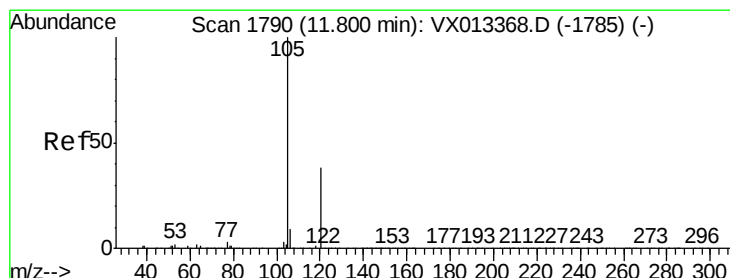
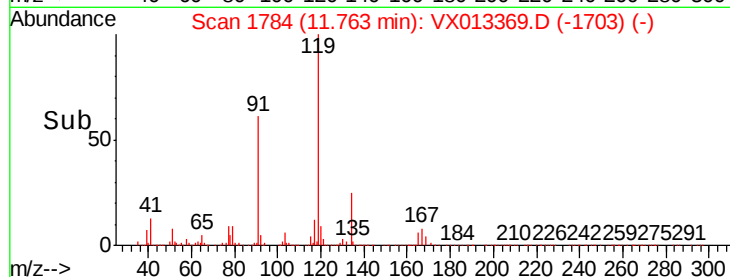
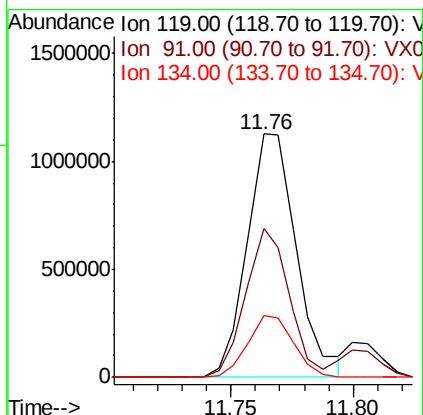
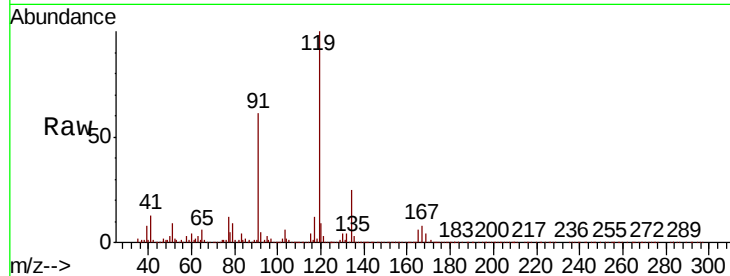




#79
tert-butylbenzene
Concen: 51.481 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

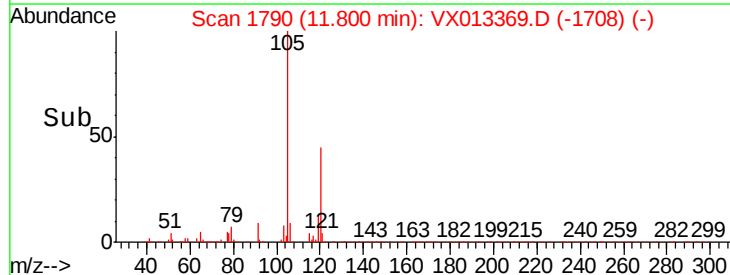
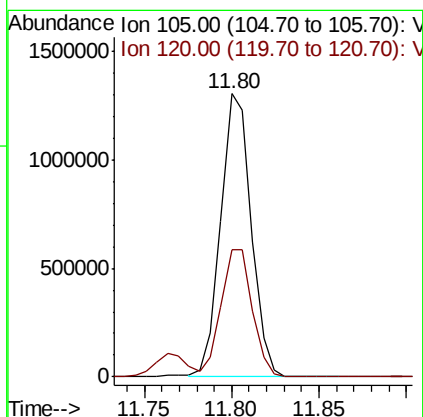
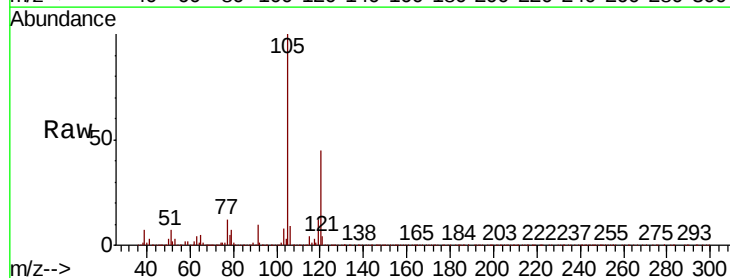
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

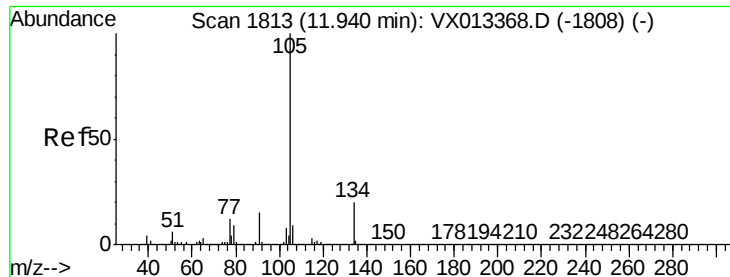
Tot Ion:119 Resp: 1587365
Ion Ratio Lower Upper
119 100
91 54.2 0.0 109.6
134 23.8 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 50.082 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion:105 Resp: 1578068
Ion Ratio Lower Upper
105 100
120 46.0 0.0 94.0

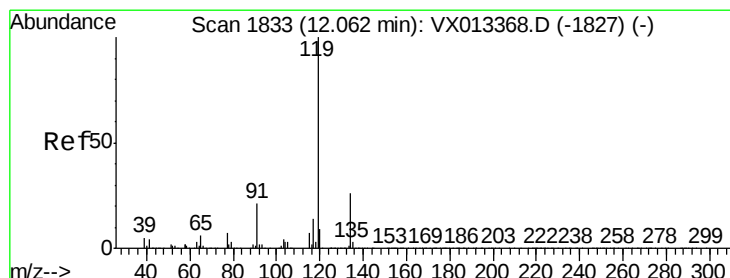
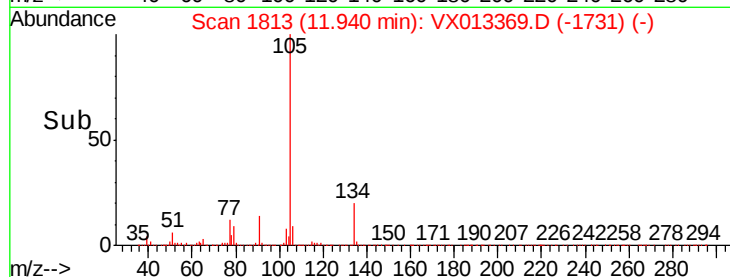
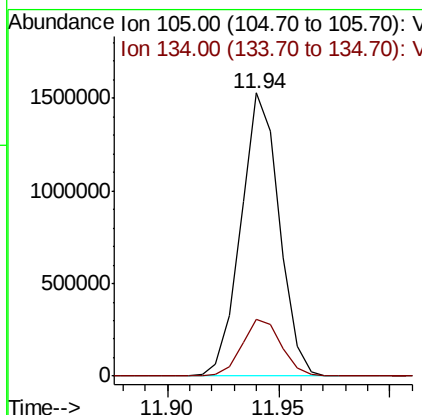
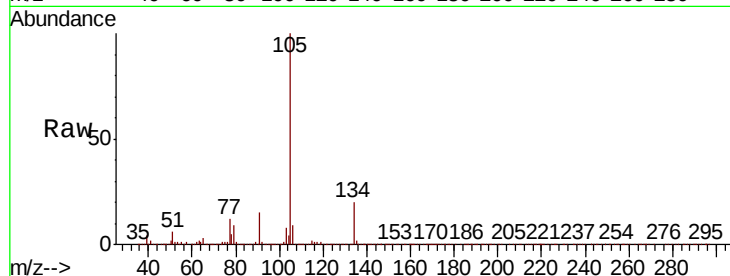




#81
 sec-Butylbenzene
 Concen: 50.856 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

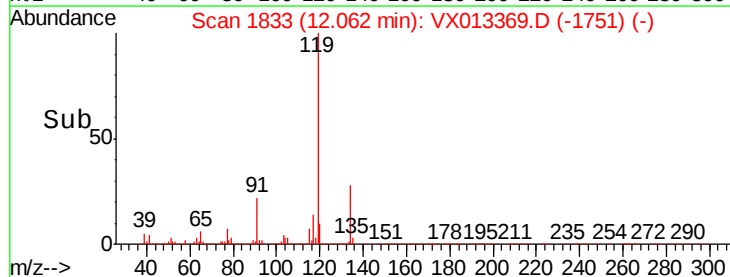
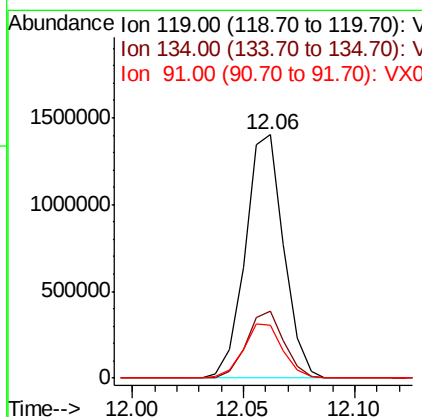
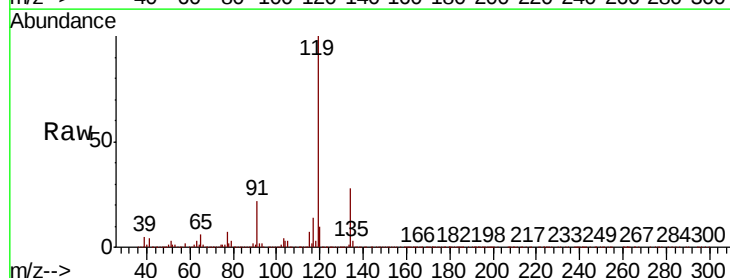
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

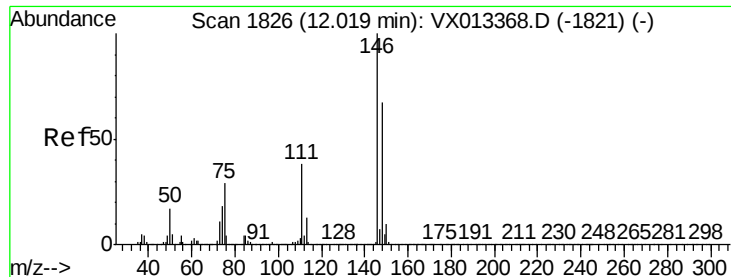
Tot Ion:105 Resp: 1835137
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 50.816 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion:119 Resp: 1683728
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.6
 91 22.5 0.0 44.2

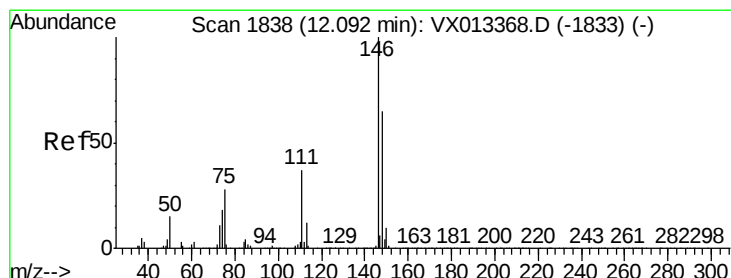
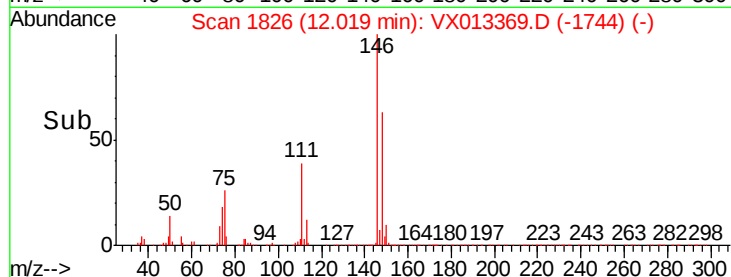
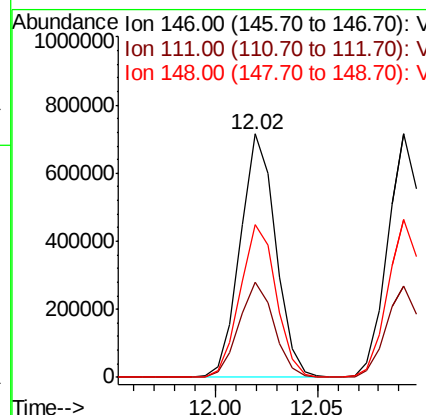
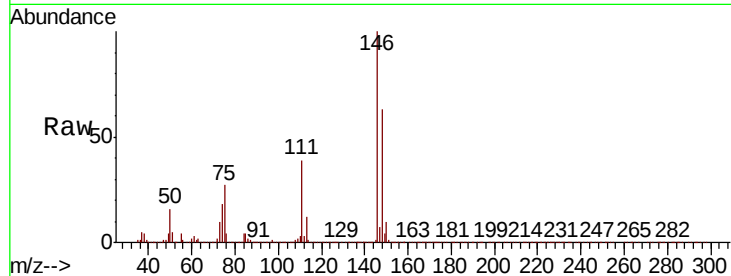




#83
 1,3-Dichlorobenzene
 Concen: 51.877 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

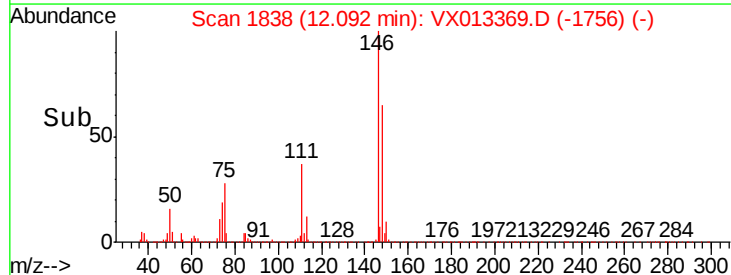
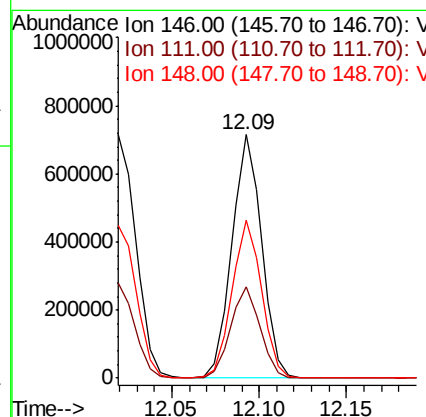
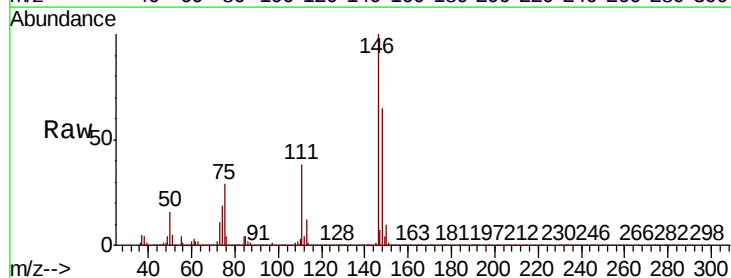
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

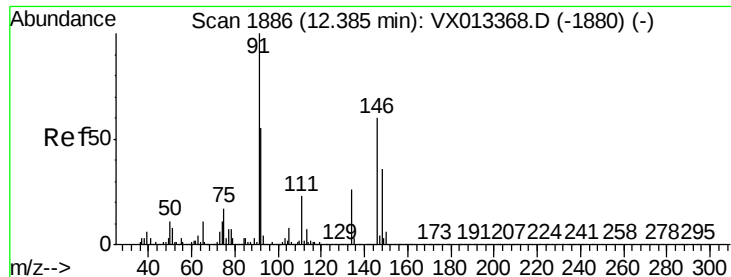
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	64.0	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 51.450 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	64.5	32.5	97.4





#85

n-Butylbenzene

Concen: 51.880 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

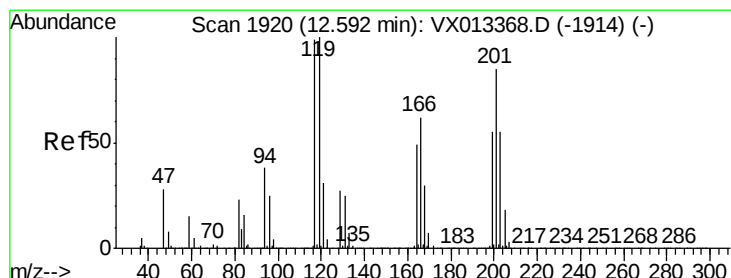
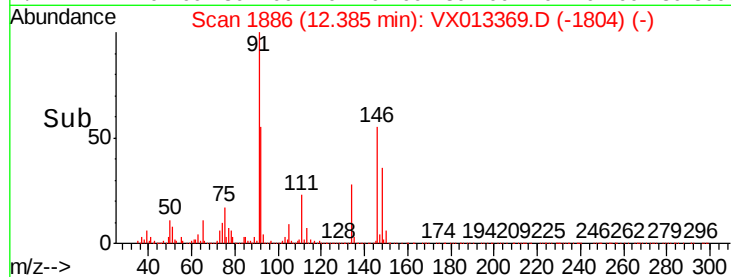
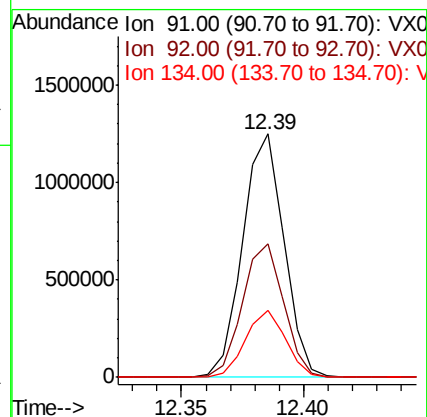
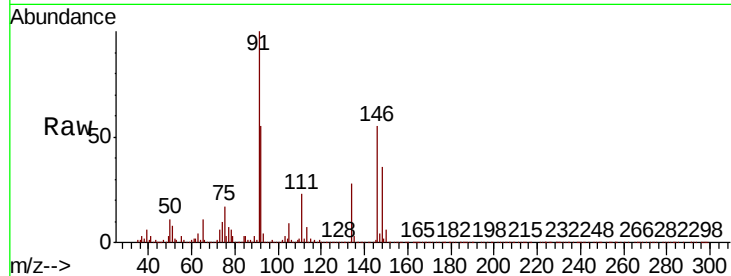
Tot Ion: 91 Resp: 1464555

Ion Ratio Lower Upper

91 100

92 54.9 0.0 109.0

134 26.8 0.0 53.0



#86

Hexachloroethane

Concen: 53.251 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013369.D

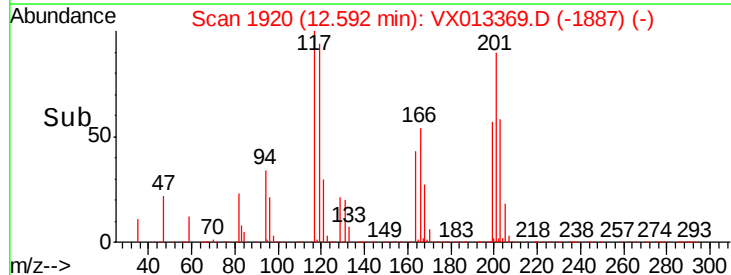
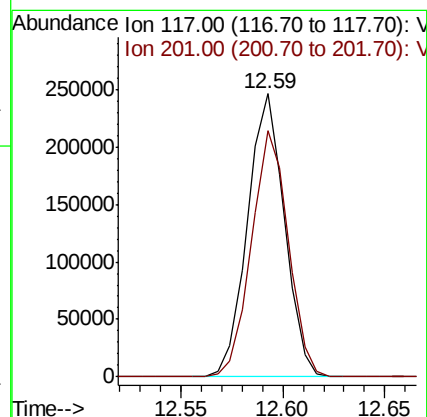
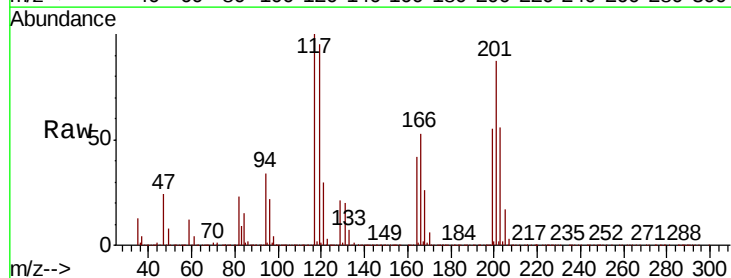
Acq: 11 Nov 2019 17:16

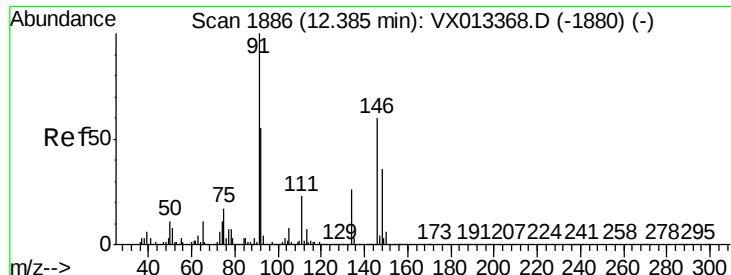
Tgt Ion: 117 Resp: 309417

Ion Ratio Lower Upper

117 100

201 86.9 44.5 133.3

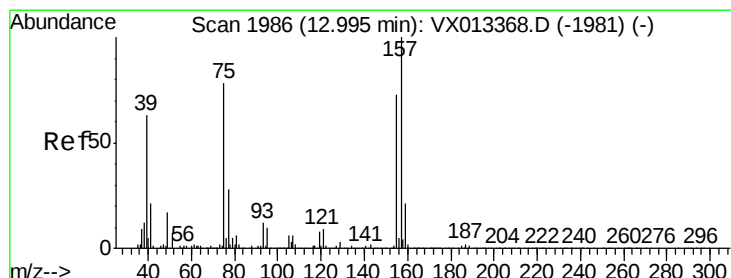
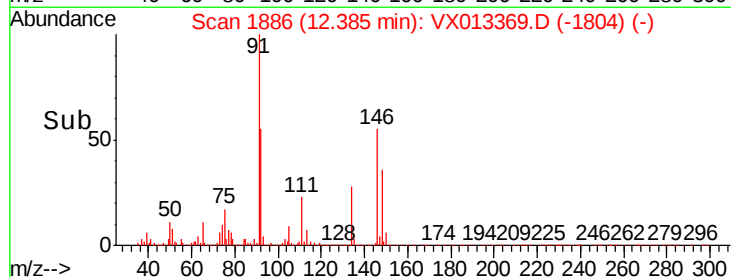
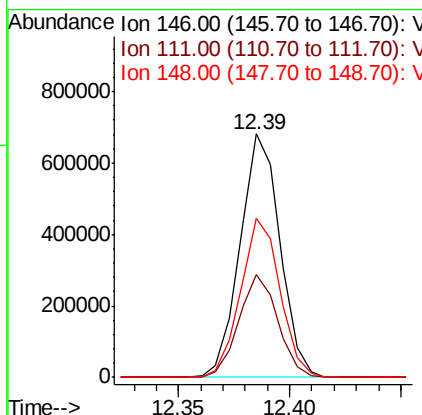
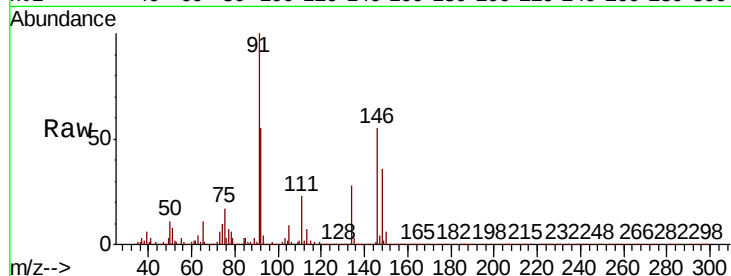




#87
 1,2-Dichlorobenzene
 Concen: 52.827 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

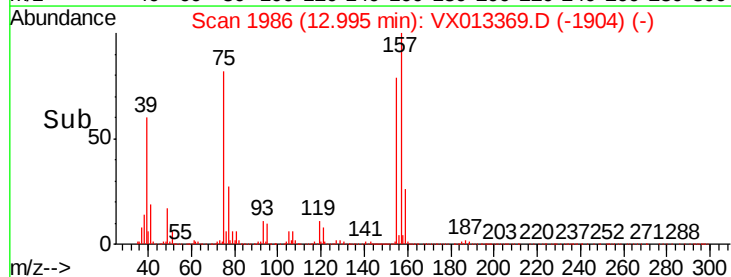
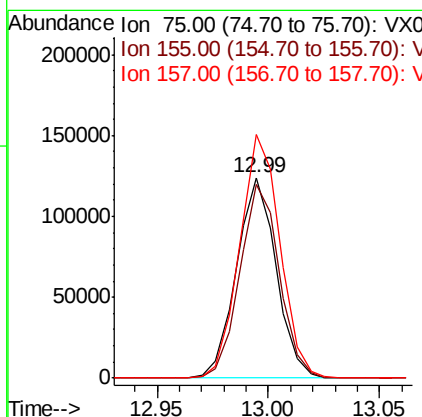
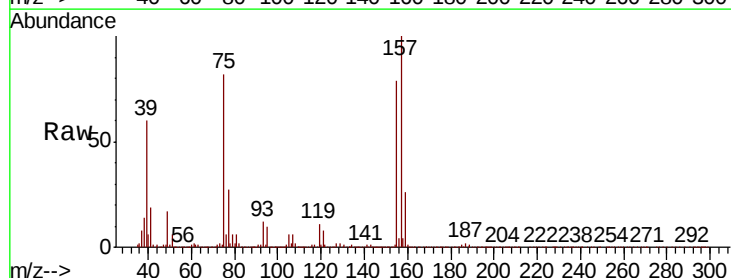
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

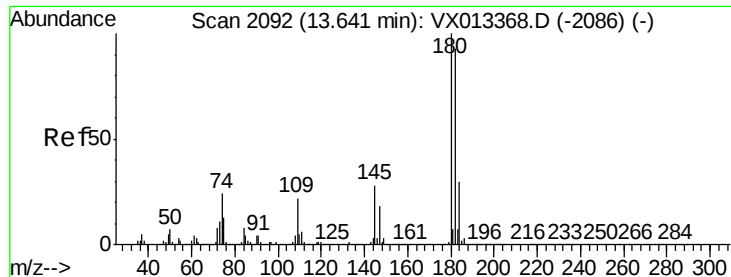
Tot Ion:146 Resp: 852334
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.7
 148 64.8 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 54.185 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion: 75 Resp: 153106
 Ion Ratio Lower Upper
 75 100
 155 96.7 76.9 115.3
 157 124.1 101.2 151.8

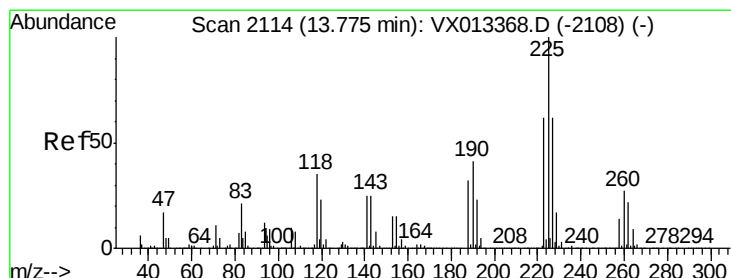
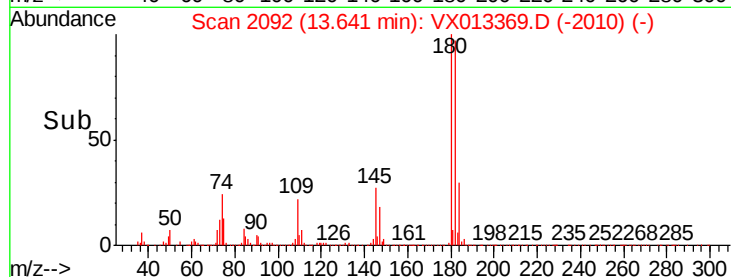
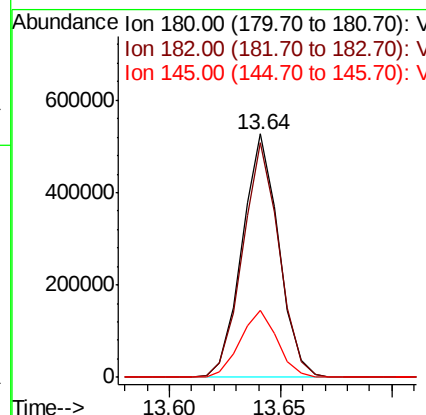
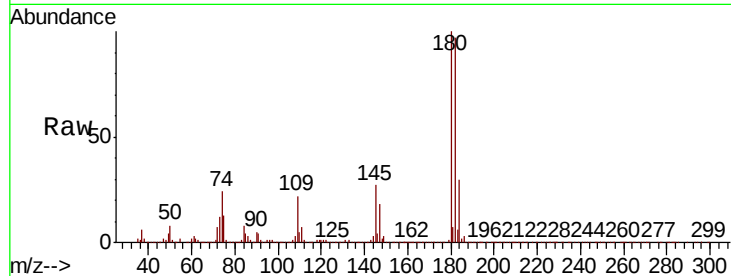




#89
 1,2,4-Trichlorobenzene
 Concen: 58.627 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

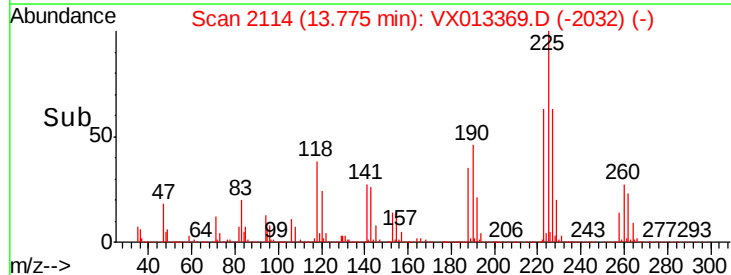
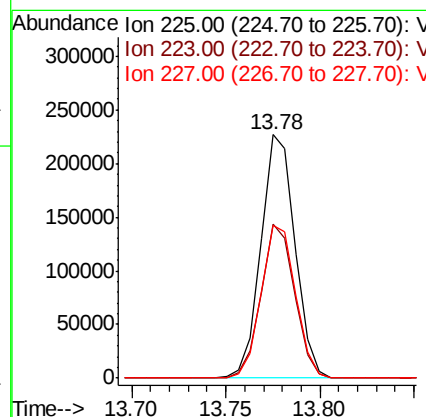
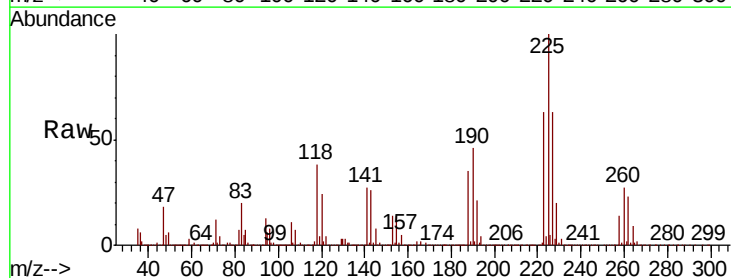
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

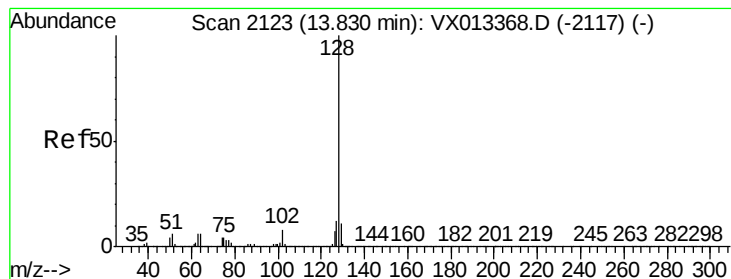
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.7	112.1
145	27.7	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 54.611 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	123.0
227	63.7	0.0	121.8





#91

Naphthalene

Concen: 58.623 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

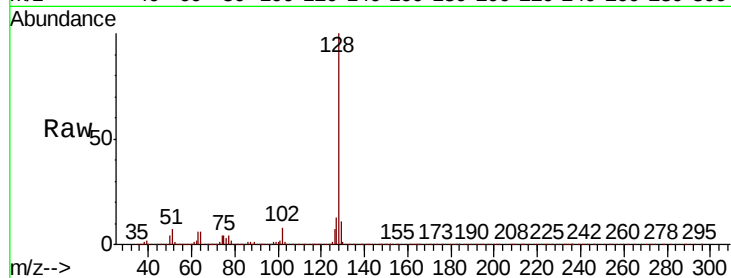
MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:128 Resp: 1948278

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2

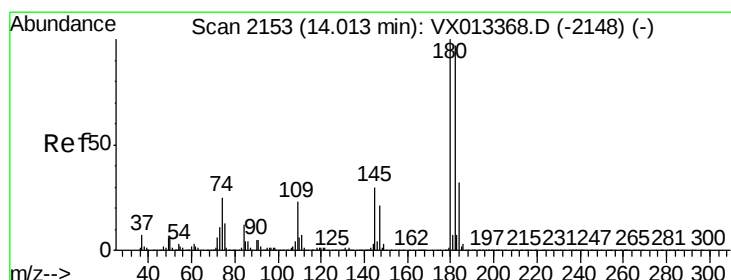
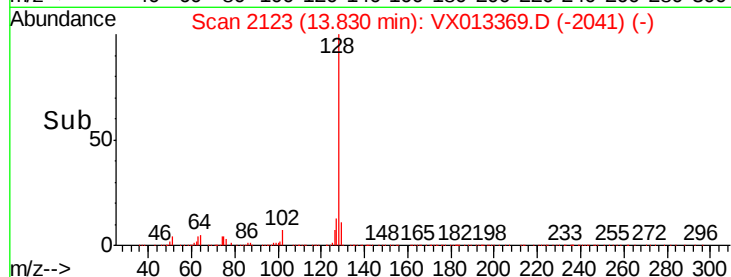
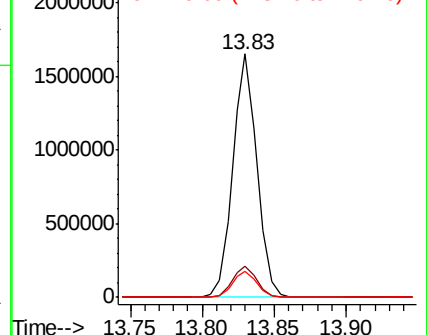


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 57.857 ug/l

RT: 14.01 min Scan# 2153

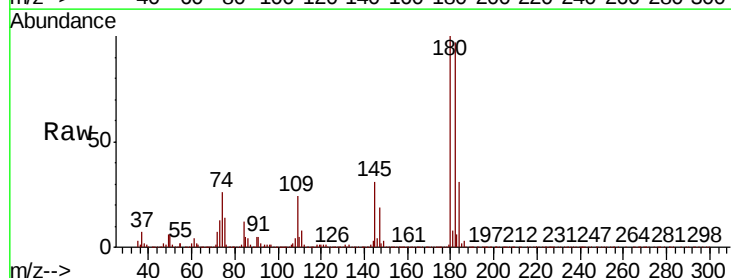
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:180 Resp: 608202

Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	191.0
145	30.2	0.0	59.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

